ANUARIO METEOROLOGICO 1988



Federación Nacional de Cafeteros de Colombia

Cenicafé
Centro Nacional de Investigaciones de Café
"Pedro Uribe Mejía"
Chinchiná - Caldas-Colombia



Cenicafé

Centro Nacional de Investigaciones de Café
"Pedro Uribe Mejía"

ANUARIO METEOROLOGICO 1988

PARA CANJE CON PUBLICACIONES DE LA MISMA INDOLE

DIRECCION:

CENICAFE – CHINCHINA – CALDAS – COLOMBIA

ADDRESS:

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

INTRODUCCION

La presente información corresponde a las observaciones meteorológicas realizadas durante el año de 1988, en la red de estaciones que posee la Federación Nacional de Cafeteros, en la zona cafetera colombiana.

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

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

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

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

CALCULOS.

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

$$e = E_1 - Ap\,(t - t_1)$$

e = Tensión del vapor actual, en milibares.
E_1 = Tensión del vapor de saturación a la temperatura t_1.
Ap = Constante psicrómetrica (en función del aparato y de la presión atmosférica).
t = Temperatura del termómetro seco, en ^oC.
t_1 = Temperatura del termómetro húmedo, en ^oC.

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

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

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

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

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

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

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

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

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

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

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

MODIFICACIONES EN EL SERVICIO METEOROLOGICO

Como para los estudios climatológicos es importante contar con una serie histórica de datos lo más larga posible, a continuación se anotan los cambios efectuados con relación al año anterior, 1987:

ESTACIONES

Reiniciaron servicio:

La estación del Ingenio San Francisco en La Virginia como heliopluviográfica.

Nuevas

Se instalaron estaciones heliopluviográficas en Sasaima-Santa Bárbara e Ibagué-La Primavera. Estaciones pluviográficas en La Delfita-Belén de Umbría y El Berrión-Cartago.

PUESTOS PLUVIOMETRICOS

Suspendidos

Municipio	Estación	Departamento
Dabeiba	La Aldea	Antioquia
Filadelfia	Pernambuco	Caldas
Samaná	El Paraíso	Caldas
Victoria	Marzala	Caldas
Anserma	La Gaviota	Caldas
Risaralda	La Gaviota	Caldas
Santuario	Los Naranjos	Risaralda
Pereira	La Pastora	Risaralda

	Estación	Departament
Rovira	La Aldea	Tolima
San Vicente	Santa Cruz	Santander
Páramo	La Laguna	Santander

Reiniciaron servicio

Baraya	El Alba	Huila
Rionegro	La Reserva	Santander
Valle San Juan	Orisol	Tolima
San Antonio	La Meseta	Tolima

Nuevas :

Filadelfia	San Isidro	Caldas
Victoria	La Corneta	Caldas
Victoria	El Tambor	Caldas
Palestina	La Palma	Caldas
Chinchiná	La Sierra	Caldas
Vergara	La Florida	Cundinamarca
Mistrató	El Barranco	Risaralda
Belén de Umbría	Los Cámbulos	Risaralda
Marsella	Casablanca	Risaralda
Pereira	La Renta	Risaralda
Pereira	El Encanto	Risaralda
Santa Rosa de Cabal	La Teresita	Risaralda
Santa Rosa de Cabal	Las Araucarias	Risaralda
Rionegro	El Silencio	Santander
San Vicente	Casa de Teja	Santander
Murillo	El Inciensal	Tolima
Líbano	El Edén	Tolima
Lérida	Planes	Tolima
Ortega	San Alfonso	Tolima
Sevilla	La Sirena	Valle

LOCALIZACION DE LA RED METEOROLOGICA

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura msnm	Hoya hidrográfica
ZONA NORTE						
REGION DE LA SIERRA NEVADA						
CESAR						
	Pueblo Bello					
CUENCA DEL LAGO MARACAIBO						
NORTE DE SANTANDER						
	Convención	La Laguna	8°32'	73°18'	1.250	Catatumbo
	Salazar	Francisco Romero	7°46'	72°48'	1.000	Zulia
	Chinácota	Blonay	7°35'	72°36'	1.235	Zulia
ZONA CENTRAL NORTE						
VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL						
ANTANDER						
	Rionegro	El Silencio	7°24'	73°13'	1.120	Lebrija
	Rionegro	La Reserva	7°18'	73°10'	1.200	Lebrija
	Rionegro	Palestina	7°21'	73°07'	1.350	Lebrija
	Rionegro	Los Cocos	7°18'	73°07'	1.300	Lebrija
	Rionegro	Coral	7°18'	73°11'	700	Lebrija
	Bucaramanga	Ceylán	7°09'	73°38'	1.300	Oro
	Girón	Bonanza	7°04'	73°10'	1.250	Oro
	Floridablanca	Miporal	7°04'	73°36'	1.200	Oro
	San Vicente	Aguas Blancas	6°58'	73°26'	1.000	Sogamoso
	San Vicente	Casa de Teja	6°55'	73°27'	960	Sogamoso
	Hato	Chochos	6°32'	73°18'	1.400	Suárez
	Pinchote	Las Flores	6°30'	73°14'	1.700	Suárez
	Guadalupe	Sevilla	6°15'	73°25'	1.390	Suárez
	Charalá	Villanueva	6°16'	73°08'	1.450	Ponce
	Suaita	El Recreo	6°07'	73°29'	1.540	Suárez
	Suaita	Cielo Roto	6°07'	73°28'	1.540	Suárez
	Barbosa	Buenavista	5°59'	73°36'	1.800	Suárez
	Barbosa	Cite	5°59'	73°39'	1.600	Suárez
	Puente Nacional	La Cumbre	5°53'	73°43'	1.850	Suárez
OYACA						
	Moniquirá	Bertha	5°52'	73°24'	1.700	Suárez
UNDINAMARCA						
	Yacopí	Montelíbano	5°28'	74°22'	1.340	Negro
	La Palma	Secretaría de Agricultura	5°21'	74°23'	1.250	Negro
	Caparrapí	El Paraíso	5°19'	74°29'	1.450	Negro
	Vergara	La Florida	5°03'	74°16'	1.400	Negro
	Guaduas	Secretaría de Agricultura	5°04'	74°36'	1.060	Negro
	Sasaima	El Triángulo	4°58'	74°26'	1.500	Negro
	Sasaima	Icalí	4°57'	74°25'	1.300	Negro

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura msnm	Hoya hidrográfica
	Sasaima	Santa Bárbara	4°56'	74°25'	1.450	Negro
	Viani	Viani	4°52'	74°33'		Negro
	San Juan de Rioseco		4°51'	74°40'	1.300	Magdalena
	San Francisco	La Carlina	4°59'	74°17'	1.665	Negro
		VERTIENTE DE LOS LLANOS				
META						
	Acacías	Maringá	4°00'	74°46'	540	Acacías
		VERTIENTE ORIENTAL CORDILLERA CENTRAL				
CALDAS						
	Victoria	La Corneta	5°23'	74°53'	800	La Miel
	Victoria	El Tambor	5°22'	74°56'	850	La Miel
	Marquetalia	Santa Helena	5°18'	75°09'	1.450	Guarinó
	Victoria	La Pastorita	5°19'	75°01'	1.100	La Miel
	Manzanares	Llanadas	5°13'	75°11'	1.420	Guarinó
TOLIMA						
	Mariquita	La Mesa	5°11'	74°53'	1.200	Magdalena
	Fálan	Palocabildo	5°08'	74°53'	1.500	Gualí
	Herveo	El Progreso	5°06'	75°08'	1.860	Gualí
	Casabianca	Danta	5°06'	75°06'	1.700	Gualí
	Fresno	La Cimarrona	5°10'	75°00'	1.400	Gualí
	Líbano	La Trinidad	4°55'	75°04'	1.430	Recio
	Líbano	El Edén	4°57'	75°01'	1.350	Recio
	Murillo	El Inciensal	4°53'	75°08'	2.400	Lagunilla
	Lérida	Planes	4°51'	74°59'	1.200	Recio
	Santa Isabél	Guadualito	4°41'	75°05'	1.620	Gualí
	Anzoátegui	Janiyof	4°37'	75°12'	1.700	La China
	Alvarado	Totarito	4°34'	74°52'	1.250	Alvarado
		VERTIENTE OCCIDENTAL CORDILLERA CENTRAL				
ANTIOQUIA						
	Venecia	El Rosario	5°56'	75°43'	1.600	Cauca
	Fredonia	Bariloche	5°56'	75°37'	1.700	Cauca
CALDAS						
	Aguadas	Guaymaral	5°38'	75°28'	1.600	Cauca
	Aguadas	Cuatroesquinas	5°36'	75°30'	1.900	Arma
	La Merced	El Contento	5°24'	75°33'	1.800	Cauca
	Pácora	La Linda	5°30'	75°28'	1.850	Cauca
	Pácora	La Cascada	5°31'	75°28'	1.600	Cauca
	Filadelfia	San Isidro	5°14'	75°34'	1.600	La Honda
	Filadelfia	La Julia	5°19'	75°32'	1.650	La Honda

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura msnm	Hoya hidrográfica
	Manizales	Agronomía	5°03'	75°29'	2.150	Chinchiná
	Manizales	Tesorito	5°02'	75°27'	1.200	Chinchiná
	Manizales	La Selva	5°07'	75°36'	1.350	Chinchiná
	Manizales	La Trilladora	5°06'	75°33'	1.650	Chinchiná
	Manizales	Java	5°02'	75°33'	1.780	Chinchiná
	Palestina	Santágueda-Facultad	5°05'	75°40'	1.010	Chinchiná
	Palestina	Luker	5°05'	75°41'	1.020	Chinchiná
	Palestina	Santa Ana	5°01'	75°40'	1.250	Chinchiná
	Palestina	Providencia	5°01'	75°42'	1.250	Chinchiná
	Palestina	El Recreo	5°02'	75°39'	1.450	Chinchiná
	Palestina	La Palma	5°01'	75°42'	1.200	Chinchiná
	Palestina	La Argentina	5°01'	75°41'		Chinchiná
	Palestina	Providencia	5°03'	75°42'		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
	Chinchiná	La Sierra	4°59'	75°38'	1.450	Campoalegre
RISARALDA						
	Marsella	Casablanca	4°55'	75°41'	1.620	Campoalegre
	Marsella	La Palmera	5°00'	75°45'	1.450	Campoalegre
	Marsella	La Morenita	4°54'	75°46'	1.440	Campoalegre
	Sta. Rosa de Cabal	El Jazmín	4°55'	75°38'	1.600	Campoalegre
	Sta. Rosa de Cabal	El Castillo	4°56'	75°40'	1.550	San Eugenio
	Sta. Rosa de Cabal	La Teresita	4°57'	75°37'		San Eugenio
	Sta. Rosa de Cabal	Las Araucarias	4°52'	75°33'	1.700	San Eugenio
	Dosquebradas	El Bosque	4°50'	75°41'	1.450	San Eugenio
	Pereira	Los Cámbulos	4°49'	75°50'	1.240	Cauca
	Pereira	Planta de Tratamiento	4°48'	75°40'	1.450	Otún
	Pereira	El Cedral	4°47'	75°32'	2.120	Otún
	Pereira	Hiroshima	4°46'	75°44'	1.320	Consota
	Pereira	Combia	4°50'	75°47'	1.300	Consota
	Pereira	La Playa	4°45'	75°44'	1.350	Consota
	Pereira	La Catalina	4°47'	76°41'	1.350	Barbas
	Pereira	La Renta	4°47'	75°42'	1.250	Consota
	Pereira	El Encanto	4°50'	75°44'	1.400	Consota

VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL

ANTIOQUIA						
	Dabeiba	La Aldea	7°02'	76°12'	1.500	Urama
	Támesis	Santa Teresa	5°40'	75°42'	1.350	Cauca
	Jardín	Miguel Valencia	5°32'	75°51'	1-570	Cauca
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
	Belalcazar	El Diamante	4°55'	75°50'	1.200	Risaralda
RISARALDA						
	Quinchía	La Oriental	5°22'	75°43'	1.620	Quinchía
	Quinchía	El Diamante	5°19'	75°42'	1.550	Quinchía

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura msnm	Hoya hidrográfica
	Guática	Buenos Aires	5°21'	75°48'	1.830	Risaralda
	Guática	Ospirma	5°20'	75°49'	1.680	Risaralda
	Mistrató	El Barranco	5°21'	76°50'	1.580	Risaralda
	Belén de Umbría	La Delfita	5°11'	75°36'	1.520	Risaralda
	Belén de Umbría	Los Cámbulos	5°09'	75°51'	1.400	Risaralda
	La Celia	Tesorito	5°00'	76°01'	1.500	Mapa
	Balboa	La Tribuna	4°59'	75°57'	1.500	Risaralda
	La Virginia	Ingenio	4°54'	75°54'	1.000	Cauca

ZONA CENTRAL SUR

VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL

CUNDINAMARCA						
	Cachipay	Mesitas de Santa Inés	4°40'	74°28'	1.250	Apulo
	La Mesa	El Refugio	4°39'	74°28'	1.250	Bogotá
	Mesitas del Colegio	Misiones	4°34'	74°18'	1.540	Bogotá
	Mesitas del Colegio	El Porvenir	4°33'	74°19'	1.350	Bogotá
	Mesitas del Colegio	Las Granjas	4°28'	74°28'	1.400	Bogotá
	Viotá	Atala	4°24'	74°28'	1.160	Bogotá
	Tibacuy	La Granja	4°21'	74°25'	1.550	Fusagasugá
	Silvania	Pinar del Río	4°22'	74°21'	1.750	Fusagasugá
	San Bernardo	Arabia	4°10'	74°25'	1.550	Honda
TOLIMA						
	Melgar	La Granja	4°09'	74°40'	1.200	Magdalena
	Villarrica	Luis Bustamante	3°56'	74°36'	1.610	Magdalena
	Ortega	San Alfonso	4°00'	75°18'	1.680	Magdalena
	Natagaima	Montefrío	3°32'	75°20'	1.500	Magdalena
	Dolores	La Montaña	3°33'	74°54'	1.260	Magdalena
	Dolores	El Ocaso	3°32'	74°53'	1.000	Magdalena
HUILA	Baraya	El Alba	3°09'	75°04'	1,480	Magdalena
	Tello	Sucre	3°04'	75°09'	1.450	Magdalena

VERTIENTE ORIENTAL CORDILLERA CENTRAL

TOLIMA						
	Ibagué	La Primavera	4°25'	75°15'	1.300	Combeima
	Valle 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
	Chaparral	Poco a Poco	3°44'	75°12'	1.340	Saldaña
	Planadas	Los Andes	3°13'	75°40'	1.500	Magdalena
HUILA						
	Teruel	Buenos Aires	2°45'	75°35'	1.450	Magdalena
	Teruel	Corrales	2°43'	75°33'	1.450	Magdalena

ırtamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura msnm	Hoya hidrográfica
		VERTIENTE OCCIDENTAL CORDILLERA CENTRAL				
)UINDIO						
	Circasia	La Ilusión	4°36'	75°39'	1.500	Barbas
	Circasia	Bremen	4°40'	75°37'	2.040	Barbas
	Filandia	Amazonas	4°38'	75°39'	1.760	Barbas
	Quimbaya	Vivero	4°37'	75°46'	1.400	La Vieja
	Quimbaya	Maracay	4°36'	75°46'	1.450	La Vieja
	Quimbaya	El Rocío	4°34'	75°46'		La Vieja
	Montenegro	El Agrado	4°28'	75°49'	1.350	La Vieja
	Montenegro	Sorrento	4°32'	75°51'	1.290	La Vieja
	Montenegro	La Julia	4°32'	75°50'	1.320	La Vieja
	Montenegro	Milán	4°29'	75°48'	1.300	La Vieja
	Armenia	El Sena	4°32'	75°40'	1.550	Quindío
	Armenia	Tucumán	4°32'	75°44'	1.250	Quindío
	Calarcá	La Bella	4°31'	75°40'	1.450	Quindío
	Calarcá	Quebradanegra	4°31'	75°38'	1.500	Quindío
	Calarcá	El Paraíso	4°30'	75°42'	1.400	Quindío
	Armenia	La Pradera	4°28'	75°43'	1.350	Quindío
	Tebaida	La Argentina	4°26'	75°46'	1.200	La Vieja
	Tebaida	La Miranda	4°26'	75°50'	1.220	La Vieja
	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
ALLE						
	Cartago	El Berrión	4°40'	75°51'	1.150	La Vieja
	Ulloa	El Recreo	4°42'	75°44'	1.410	Barbas
	Ulloa	Dinamarca	4°42'	75°45'	1.270	Barbas
	Alcalá	Arturo Gómez	4°40'	75°48'	1.320	La Vieja
	Alcalá	La Comarca	4°39'	75°47'	1.320	La Vieja
	Caicedonia	Venecia	4°20'	75°55'	1.170	Barragán
	Sevilla	Heraclio Uribe	4°16'	75°55'	1.540	La Vieja
	Sevilla	La Sirena	4°17'	75°55'	1.500	La Vieja
	Ginebra	La Selva	3°40'	76°18'	1.800	Cauca
	Palmira	Campanella	3°33'	76°18'	1.550	Cauca
AUCA						
	Santander	Instituto Técnico	3°01'	76°29'	1.110	Cauca
	Santander	Mondomo	3°00'	76°28'	1.300	Cauca
		VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL				
ALLE						
	El Aguila	Santa Marta	4°54'	76°03'	1.760	Cauca
	Ansemanuevo	El Placer	4°49'	76°01'	1.730	Cauca
	Ansermanuevo	Bellavista	4°48'	76°04'	1.550	Cauca
	El Cairo	Subestación Albán	4°46'	76°13'	1.500	Garrapatas
	Argelia	Santiago Gutiérrez	4°43'	76°10'	1.550	Cauca
	Bolívar	Cider	4°20'	76°11'		Cauca
	Trujillo	Manuel Mallarino	4°10'	76°21'	1.380	Cauca
	Restrepo	Julio Fernández	3°49'	76°31'	1.360	Calima

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura msnm	Hoya hidrográfica
		ZONA SUR				
		VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL				
HUILA						
	Algeciras	Guayabal	2°31'	75°17'	1.460	Neiva
	Gigante	Jorge Villamil	2°22'	75°33'	1.500	Magdalena
	Gigante	La Primavera	2°15'	75°30'	1.400	Magdalena
	Gigante	Villa Consuelo	2°11'	75°39'	1.450	Magdalena
	Timaná	Conc. Desarrollo	1°59'	75°56'	1.080	Magdalena
		VERTIENTE OCCIDENTAL CORDILLERA CENTRAL				
CAUCA						
	Piendamó	La Trinidad	2°41'	76°32'	1.600	Cauca
	Popayán	La Florida	2°27'	76°35'	1.850	Cauca
	Tambo	Manuel Mejía	2°24'	76°43'	1.700	Cauca
	Rosas	Portachuelo	2°15'	76°43'	1.750	Cauca
		CUENCA DEL RIO PATIA				
NARIÑO						
	La Unión	La Unión	1°37'	77°09'	1.800	Patía
	Consacá	Ospina Pérez	1°16'	77°28'	1.700	Guaitará

CONTENIDO ANUARIO 1988

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 - Granja 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	El Tambo - Manuel Mejía	
	Datos diarios	71 - 76
	Resumen mensual y anual	77

		Página
	Timbío - La Campiña	
	Datos diarios	78 - 83
	Resumen mensual y anual	84
CESAR	Valledupar - 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	
	Datos diarios	99 - 104
	Resumen mensual y anual	105
	Tibacuy - Granja	
	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	Chinácota - Blonay	
	Datos diarios	127 - 132
	Resumen mensual y anual	133
	Salazar - Francisco Romero	
	Datos diarios	134 - 139
	Resumen mensual y anual	140
QUINDIO	Quimbaya - Maracay	
	Datos diarios	141 - 146
	Resumen mensual y anual	147
	Montenegro - El Agrado	
	Datos diarios	148 - 153
	Resumen mensual y anual	154
	Calarcá - La Bella	
	Datos diarios	155 - 161
	Resumen mensual y anual	161
	Buenavista - Paraguaicito	
	Datos diarios	162 - 167
	Resumen mensual y anual	168

		Página
RISARALDA	Santa Rosa - El Jazmín	
	Datos diarios	169 - 174
	Resumen mensual y anual	175
	Pereira - El Cedral	
	Datos diarios	176 - 181
	Resumen mensual y anual	182
	Pereira - La Catalina	
	Datos diarios	183 - 188
	Resumen mensual y anual	189
TOLIMA	Líbano - La Trinidad	
	Datos diarios	190 - 195
	Resumen mensual y anual	196
	Villarrica - Luis Bustamante	
	Datos diarios	197 - 202
	Resumen mensual y anual	203
	Chaparral - El Limón	
	Datos diarios	204 - 209
	Resumen mensual y anual	210
VALLE	El Cairo - Subestación Albán	
	Datos diarios	211 - 216
	Resumen mensual y anual	217
	Alcalá - Arturo Gómez	
	Datos diarios	218 - 223
	Resumen mensual y anual	224
	Sevilla - Heraclio Uribe	
	Datos diarios	225 - 230
	Resumen mensual y anual	231
	Trujillo - Manuel María Mallarino	
	Datos diarios	232 - 237
	Resumen mensual y anual	238
	Restrepo - Julio Fernández	
	Datos diarios	239 - 244
	Resumen mensual y anual	245

ESTACIONES HELIOPLUVIOGRAFICAS

CUNDINAMARCA	Sasaima - Santa Bárbara	246
	Cachipay - Mesitas de Santa Inés	247
NARIÑO	La Unión - El Sauce	248
QUINDIO	Armenia - El Sena	249
RISARALDA	La Virginia - Ingenio Risaralda	250

		Página
SANTANDER	San Vicente - Aguas Blancas	251
TOLIMA	Ibagué - La Primavera	252
	Dolores - La Montaña	253
VALLE	Caicedonia - Venecia	254

ESTACIONES PLUVIOGRAFICAS

CALDAS	Manzanares - Llanadas	255
	Palestina - Santa Ana	255
QUINDIO	Circasia - Bremen	256
RISARALDA	Pereira - Planta de Tratamiento	256
	Belén de Umbría - La Delfita	257
VALLE	Ulloa - El Recreo	257
	Argelia - Santiago Gutiérrez	258
	Cartago - El Berrión	258
	Ginebra - La Selva	259

PUESTOS PLUVIOMETRICOS

ANTIOQUIA	Fredonia-Bariloche : Támesis-Santa Teresa	260
CALDAS	Aguadas-Guaymaral : Aguadas-Cuatro Esquinas	261
	Pácora-La Linda : Pácora-La Cascada	262
	Marmato-El Descanso : Riosucio-LaManuelita	263
	Riosucio-La Argentina : La Merced-El Contento	264
	Filadelfia-La Julia : Filadelfia-San Isidro	265
	Victoria-La Corneta : Victoria-El Tambor	266
	Manizales-Java : Manizales-La Trilladora	267
	Manizales-Tesorito : Palestina-El Recreo	268
	Manizales-La Selva : Palestina-Providencia	269
	Palestina-La Palma : La Victoria-La Pastorita	270
	Palestina-La Argentina : Belalcázar-El Diamante	271
	Chinchiná-La Francia : Chinchiná-La Sierra	272
CAUCA	Santander-Instituto Técnico : Santander Mondomo	273
	Piendamó-La Trinidad : Rosas-Portachuelo	274
CUNDINAMARCA	Caparrapí-El Paraíso : La Palma-Secretaría de Agricultura	275
	Vergara-La Florida : San Francisco-La Carlina	276
	Sasaima-El Triángulo : Sasaima-Icalí	277
	Viani-Viani : La Mesa-El Refugio	278
	Mesitas del Colegio-Las Granjas : Mesitas del Colegio-Porvenir	279
	Viotá-Atala : Silvania-Pinar del Río	280
	San Juan de Rioseco : San Bernardo-Arabia	281
HUILA	Tello-Sucre : Teruel-Corrales	282
	Algeciras-Guayabal : Gigante-La Primavera	283
	Garzón-Villa Consuelo : Timaná-Concentración Desarrollo	284

		Página
HUILA	Baraya-El Alba	285
META	Acacías-Maringá	285
NORTE DE SANTANDER	Convención-La Laguna	286
QUINDIO	Calarcá-Quebradanegra	286
	Quimbaya-Vivero : Quimbaya-El Rocío	287
	Filandia-La Esperanza : Circasia-La Ilusión	288
	Montenegro-Sorrento : Montenegro-La Julia	289
	Montenegro-Milán : Armenia-La Pradera	290
	Armenia-Tucumán : Calarcá-El Paraíso	291
	La Tebaida-La Argentina : La Tebaida-La Miranda	292
	Córdoba-Mónaco : Pijao-El Porvenir	293
	Buenavista-La Esperanza : Génova-Villa Horizaba	294
RISARALDA	Quinchía-La Oriental : Mistrató-El Barranco	295
	Belén de Umbría-Los Cámbulos : Quinchía-El Diamante	296
	Guática-Buenos Aires : Guática-Ospirma	297
	Balboa-La Tribuna : Marsella-La Palmera	298
	Marsella-La Morenita : Marsella-Casablanca	299
	Dosquebradas-El Bosque : Santa Rosa-El Castillo	300
	Pereira-Los Cámbulos : La Celia-Tesorito	301
	Pereira-Hiroshima : Pereira-Combia	302
	Pereira-La Playa : Pereira-La Renta	303
	Pereira-El Encanto : Pereira-La Abuelita	304
	Santa Rosa-La Teresita : Santa Rosa-Las Araucarias	305
SANTANDER	Rionegro-Los Cocos : Rionegro-Palestina	306
	Rionegro-Cocal : Rionegro-El Silencio	307
	Floridablanca-Miporal : Rionegro-La Reserva	308
	Girón-Bonanza : Floridablanca-La Loma	309
	San Vicente-Casa de Teja : Bucaramanga-Ceylán	310
	Hato-Chochos : Pinchote-Las Flores	311
	Valle de San José-Mesón : Charalá-Villanueva	312
	Guadalupe-Sevilla : Suaita-Cielo Roto	313
	Suaita-El Recreo : Barbosa-Cite	314
	Barbosa-Buenavista : Puente Nacional-La Cumbre	315
TOLIMA	Mariquita-La Mesa : Fresno-La Cimarrona	316
	Falan-Palocabildo : Herveo-El Progreso	317
	Planadas-Los Andes : Murillo-El Inciensal	318
	Líbano-El Edén : Lérida-Planes	319
	Santa Isabél-Guadualito : Anzoátegui-Janiyof	320
	Alvarado-Totarito : Valle de San Juan-Orisol	321
	Melgar-La Granja : San Antonio-La Meseta	322
	Ortega-San Alfonso : Chaparral-Poco a Poco	323
	Natagaima-Montefrío : Dolores-El Ocaso	324
VALLE	El Aguila-Santa Marta : Ansermanuevo-Bellavista	325
	Ansemanuevo-El Placer : Ulloa-Dinamarca	326
	Alcalá-La Comarca : Bolívar-Cider	327
	Sevilla-La Sirena : Palmira-Campanella	328

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.968

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	17.0	28.5	22.9	64.8	17.19	15.1	0.0	0.0	0.0	10.5
2	17.8	26.8	22.0	75.3	19.49	17.1	0.4	0.0	0.4	7.8
3	17.8	27.3	21.4	77.5	19.76	17.3	11.2	0.0	11.2	5.2
4	17.5	27.5	22.9	73.5	19.96	17.5	0.0	0.0	0.0	6.9
5	18.0	26.4	22.8	74.7	20.52	17.9	0.0	4.7	4.7	5.9
6	17.0	26.0	22.0	80.3	21.11	18.4	2.6	0.0	2.6	7.4
7	17.4	27.6	22.8	77.1	20.80	18.1	0.0	0.0	0.0	8.1
8	18.5	27.0	22.5	77.6	20.95	18.3	2.0	0.0	2.0	7.0
9	17.6	26.6	22.5	74.8	19.84	17.3	0.0	0.0	0.0	4.7
10	17.8	27.0	23.1	73.8	20.28	17.7	0.0	0.0	0.0	7.6
11	18.0	26.5	21.8	68.6	17.65	15.5	1.9	0.0	1.9	7.6
12	16.6	27.4	21.9	67.6	17.46	15.3	0.0	0.0	0.0	10.0
13	16.0	27.5	22.2	68.8	17.82	15.7	0.0	0.0	0.0	10.4
14	17.8	25.5	21.3	75.0	18.72	16.5	0.0	9.8	9.8	3.2
15	16.8	26.4	20.4	82.7	19.83	17.4	0.3	7.3	7.6	4.2
16	15.5	23.8	19.9	80.2	18.30	16.1	0.0	0.0	0.0	2.7
17	16.0	26.6	21.1	74.9	18.37	16.1	8.0	0.0	8.0	7.6
18	15.7	22.4	19.3	85.9	19.05	16.7	3.0	0.0	3.0	1.7
19	16.8	26.2	21.2	78.6	19.23	16.9	0.0	0.0	0.0	5.8
20	17.0	27.3	21.6	71.5	18.24	16.0	0.0	0.0	0.0	9.5
21	17.3	27.0	21.8	74.2	19.00	16.7	3.0	0.0	3.0	8.7
22	16.2	26.6	21.8	74.6	19.03	16.6	0.0	0.0	0.0	7.9
23	17.0	27.0	22.5	69.9	17.98	15.8	0.0	0.0	0.0	9.5
24	17.2	27.8	22.6	71.6	18.97	16.7	0.0	0.0	0.0	9.8
25	17.5	28.2	23.5	65.5	18.06	15.9	0.0	0.0	0.0	7.8
26	16.8	27.6	22.4	63.6	16.67	14.6	0.0	0.0	0.0	10.6
27	16.7	25.8	21.9	69.2	17.72	15.6	0.0	0.0	0.0	4.0
28	17.5	28.4	22.7	78.3	21.14	18.2	7.7	0.5	8.2	9.7
29	17.0	24.9	21.2	81.4	20.27	17.7	0.0	3.2	3.2	3.7
30	17.5	25.6	21.7	70.8	18.02	15.9	0.0	0.0	0.0	5.4
31	16.8	27.8	23.0	68.8	18.67	16.4	0.0	0.0	0.0	8.9
PROM.	17.1	26.7	22.0	73.9	19.04	16.7	40.1	25.5	65.6	219.8

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	28.0	23.5	67.0	18.48	16.2	0.0	2.3	2.3	9.6
2	16.2	23.8	19.6	84.9	19.08	16.7	1.3	0.0	1.3	0.4
3	17.5	27.0	21.3	75.7	19.04	16.7	0.0	4.6	4.6	6.9
4	16.5	21.0	18.4	93.2	19.51	17.1	4.2	0.0	4.2	0.6
5	16.0	24.8	20.5	77.4	18.23	16.1	0.3	0.0	0.3	5.1
6	17.2	25.2	21.5	78.6	19.92	17.4	0.0	0.0	0.0	4.3
7	17.7	27.4	22.0	73.3	18.75	16.5	0.3	0.0	0.3	6.2
8	17.8	28.5	23.6	62.9	17.64	15.6	0.0	16.9	16.9	10.8
9	16.2	22.1	19.0	82.0	17.76	15.6	3.4	0.0	3.4	0.2
10	16.9	26.5	21.2	75.8	18.83	16.6	0.0	76.7	76.7	7.3
11	15.4	22.5	19.5	80.8	17.93	15.7	0.0	0.0	0.0	0.2
12	16.9	25.6	21.2	75.8	18.60	16.3	0.6	0.0	0.6	6.0
13	17.8	24.2	21.6	78.4	19.67	17.2	0.0	0.0	0.0	2.1
14	17.8	27.0	21.6	72.7	18.72	16.5	17.5	0.0	17.5	7.6
15	18.5	27.0	22.9	75.0	20.28	17.7	0.5	0.0	0.5	9.5
16	18.0	27.5	23.4	71.9	20.09	17.6	0.0	0.0	0.0	9.4
17	18.8	27.8	23.5	72.4	20.36	17.8	0.0	0.0	0.0	7.3
18	18.0	29.0	23.8	69.2	19.63	17.2	0.0	0.0	0.0	10.7
19	17.8	28.2	23.5	69.5	19.40	17.0	0.0	0.0	0.0	10.2
20	17.5	27.3	23.1	69.4	18.90	16.6	0.0	0.0	0.0	9.1
21	18.5	26.9	21.7	79.6	20.62	18.0	0.6	1.3	1.9	6.2
22	17.5	26.4	22.3	76.5	20.29	17.7	0.0	0.0	0.0	4.3
23	18.8	29.1	23.0	64.9	18.29	16.0	0.0	0.1	0.1	8.8
24	18.4	25.8	21.0	82.3	20.41	17.9	0.0	1.7	1.7	1.3
25	17.5	26.0	21.6	81.3	20.51	17.8	20.6	32.7	53.3	2.3
26	16.2	23.7	20.1	85.4	19.99	17.5	0.1	27.2	27.3	1.7
27	16.2	21.6	18.7	90.1	19.32	17.0	0.0	0.0	0.0	0.1
28	16.0	23.8	20.4	76.9	17.74	15.6	0.0	0.0	0.0	8.9
29	17.3	27.2	22.4	67.7	17.56	15.5	0.0	0.0	0.0	5.6
PROM	17.3	25.9	21.6	76.2	19.16	16.8	49.4	163.5	212.9	102.7

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.988

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	16.8	27.4	22.4	69.1	18.06	15.9	0.0	0.0	0.0	8.4
2	17.2	27.3	22.3	64.5	16.87	14.8	0.0	0.0	0.0	9.2
3	16.5	27.4	22.3	66.8	17.19	15.1	0.0	0.0	0.0	9.9
4	17.5	28.0	23.8	66.8	18.73	16.4	0.0	0.0	0.0	9.5
5	18.0	28.2	23.7	65.7	18.37	16.2	0.0	0.0	0.0	8.8
6	17.8	28.3	22.9	64.3	17.10	15.0	0.0	0.0	0.0	8.8
7	17.7	29.2	22.8	60.7	16.61	14.6	2.3	0.0	2.3	8.8
8	17.5	26.4	22.0	71.6	18.79	16.5	0.0	0.0	0.0	5.4
9	16.8	24.5	18.7	81.7	17.75	15.6	27.0	0.0	27.0	2.3
10	15.8	27.0	20.6	77.1	18.47	16.3	0.0	0.0	0.0	7.0
11	16.8	27.8	21.8	70.3	18.05	15.8	0.0	0.0	0.0	9.0
12	17.4	27.2	22.7	66.0	17.70	15.6	0.0	0.0	0.0	5.8
13	17.0	25.5	21.4	73.1	18.15	16.0	0.3	0.0	0.3	3.8
14	16.8	27.2	21.5	70.5	18.16	15.9	0.0	0.1	0.1	5.5
15	16.9	26.0	21.9	69.9	18.00	15.8	0.0	0.0	0.0	6.0
16	17.0	27.0	21.4	73.5	18.51	16.3	3.9	1.6	5.5	6.1
17	16.4	27.3	22.8	65.2	17.28	15.1	0.0	0.0	0.0	7.7
18	17.0	28.4	23.8	64.0	18.40	16.0	0.0	0.0	0.0	8.9
19	18.8	29.5	24.8	56.8	17.15	15.1	0.0	0.0	0.0	8.7
20	19.2	29.6	24.8	53.2	16.22	14.2	0.0	0.0	0.0	10.1
21	18.7	30.5	25.9	51.5	16.02	14.0	0.0	0.6	0.6	8.7
22	17.8	29.8	24.4	54.2	15.58	13.4	0.0	0.0	0.0	8.1
23	18.5	27.5	23.0	69.7	19.14	16.8	0.0	0.0	0.0	6.3
24	17.8	29.4	23.6	60.5	16.72	14.4	0.0	0.0	0.0	8.0
25	17.8	29.5	23.9	63.1	17.97	15.7	0.0	0.0	0.0	7.6
26	18.8	28.0	24.0	66.1	18.84	16.5	0.0	0.0	0.0	3.9
27	17.8	28.5	23.5	67.7	18.84	16.5	0.8	0.0	0.8	5.8
28	18.8	29.0	24.8	60.7	17.45	15.3	0.0	0.0	0.0	6.8
29	18.5	26.8	22.4	74.5	19.85	17.4	0.0	0.0	0.0	1.1
30	16.8	29.2	21.1	78.7	19.56	17.2	9.1	0.0	9.1	5.5
31	17.5	27.8	23.3	69.0	19.23	16.9	0.0	0.0	0.0	5.5
PROM.	17.5	27.9	22.8	66.7	17.90	15.7	43.4	2.3	45.7	217.0

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	19.2	26.4	22.9	68.3	18.85	16.5	1.1	3.6	4.7	4.1
2	17.0	21.5	19.5	89.0	20.15	17.6	6.6	0.3	6.9	0.0
3	16.8	24.2	20.7	81.1	19.56	17.1	1.6	37.1	38.7	0.8
4	15.8	26.4	21.0	79.0	19.06	16.7	0.0	0.0	0.0	4.2
5	17.8	28.3	22.1	75.5	20.11	17.6	20.0	9.4	29.4	6.3
6	16.8	20.5	18.6	89.6	19.37	17.0	0.0	0.0	0.0	0.0
7	15.8	25.5	20.9	77.7	18.91	16.6	0.0	0.0	0.0	3.4
8	17.4	26.0	21.3	78.1	19.35	17.0	0.0	1.5	1.5	4.5
9	18.4	22.4	18.8	87.3	19.60	17.2	15.8	0.0	15.8	0.0
10	16.8	21.0	18.6	92.7	19.70	17.3	2.7	9.8	12.5	0.2
11	16.0	18.6	17.0	96.6	18.81	16.5	5.9	0.0	5.9	0.0
12	16.2	25.4	20.5	80.0	19.27	16.9	23.7	33.6	57.3	3.2
13	15.4	20.8	17.9	96.7	19.80	17.3	2.3	0.0	2.3	0.0
14	16.4	25.8	20.0	77.8	18.30	16.1	7.8	0.2	8.0	6.4
15	16.8	23.8	19.8	83.2	19.30	17.0	0.9	3.3	4.2	1.8
16	16.7	25.0	20.7	81.6	19.50	17.1	11.1	4.4	15.5	3.1
17	17.4	26.6	21.8	78.3	19.98	17.5	1.3	0.0	1.3	7.9
18	17.6	27.4	22.0	80.0	21.07	18.3	0.4	0.1	0.5	6.9
19	17.0	25.0	21.7	82.2	20.90	18.2	0.0	2.0	2.0	4.8
20	18.0	25.6	21.3	82.5	20.83	18.1	3.4	0.0	3.4	3.8
21	16.9	25.4	20.1	83.3	19.53	17.1	1.6	1.3	2.9	2.9
22	17.2	23.7	20.3	82.0	19.52	17.1	0.3	0.0	0.3	2.4
23	16.8	25.3	21.2	74.6	18.51	16.3	0.0	0.0	0.0	5.5
24	17.8	25.1	21.5	77.6	19.88	17.4	0.0	0.0	0.0	5.0
25	17.0	27.0	22.1	78.5	20.53	17.9	0.7	0.0	0.7	4.7
26	18.4	23.4	20.2	90.1	21.91	18.9	3.1	1.3	4.4	0.0
27	17.0	24.6	20.7	84.2	20.38	17.8	0.0	7.5	7.5	2.1
28	15.6	25.8	22.5	73.2	19.96	17.5	0.0	0.0	0.0	9.4
29	18.4	25.3	21.5	80.9	21.13	18.4	0.5	21.8	22.3	0.4
30	15.7	25.0	20.1	86.4	20.48	17.8	0.0	0.4	0.4	4.0
PROM	17.0	24.6	20.6	82.3	19.81	17.3	110.6	137.6	248.4	97.8

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.968

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	16.8	24.9	20.2	84.4	19.87	17.4	0.5	58.2	58.7	4.1
2	15.2	23.0	19.2	86.6	18.97	16.7	2.4	0.0	2.4	3.4
3	17.4	25.2	21.5	80.0	20.36	17.8	0.0	59.0	59.0	3.7
4	16.0	23.1	19.2	88.9	19.67	17.2	0.5	0.0	0.5	2.5
5	16.8	25.0	20.5	84.8	20.54	17.9	8.2	2.4	10.6	4.0
6	16.7	26.5	20.7	78.0	18.95	16.6	4.4	1.6	6.0	7.1
7	17.4	25.8	21.0	76.7	19.04	16.7	0.0	0.0	0.0	5.6
8	17.6	27.4	22.4	77.9	21.09	18.3	5.9	3.7	9.6	9.7
9	16.4	26.2	21.7	76.9	19.65	17.1	0.0	1.2	1.2	8.6
10	18.0	25.0	21.6	83.5	21.84	18.9	0.0	0.0	0.0	4.5
11	18.2	25.0	22.4	76.9	20.96	18.3	0.2	15.5	15.7	4.4
12	16.4	25.3	21.5	77.8	19.90	17.4	0.1	0.0	0.1	4.9
13	18.0	24.6	21.7	81.1	21.22	18.4	0.1	36.5	36.6	6.2
14	15.4	23.0	19.3	87.6	19.62	17.2	0.6	0.0	0.6	3.1
15	16.8	23.0	19.7	87.7	20.16	17.6	0.0	0.0	0.0	3.0
16	16.8	25.3	22.1	75.6	20.15	17.6	0.0	0.0	0.0	5.5
17	17.0	25.8	21.1	78.3	19.96	17.4	0.0	1.7	1.7	4.4
18	17.1	24.3	20.6	84.6	20.94	18.2	0.0	0.9	0.9	3.4
19	17.0	24.8	20.2	83.7	20.12	17.6	5.0	7.8	12.8	5.7
20	16.8	23.6	19.8	88.7	20.19	17.7	2.0	1.9	3.9	3.7
21	17.8	26.0	21.1	85.0	21.47	18.7	6.4	0.1	6.5	5.5
22	17.8	26.4	22.3	77.2	20.28	17.7	0.0	0.0	0.0	6.8
23	18.6	26.0	21.9	79.5	20.81	18.2	0.0	0.0	0.0	2.4
24	19.0	28.2	23.6	66.1	19.26	16.9	0.0	0.0	0.0	9.9
25	18.9	26.0	22.8	77.8	21.56	18.7	0.0	3.8	3.8	2.0
26	17.2	23.0	20.3	83.8	19.82	17.4	0.0	0.0	0.0	0.0
27	16.8	24.6	20.0	81.8	19.14	16.8	0.1	16.8	16.9	3.4
28	15.8	23.2	20.2	87.1	20.21	17.7	2.1	0.0	2.1	3.7
29	16.0	25.8	20.8	83.1	20.74	18.0	8.8	3.6	12.4	5.8
30	14.0	24.3	20.6	77.8	18.83	16.4	0.0	0.0	0.0	8.1
31	16.0	25.4	20.1	83.4	20.13	17.6	2.1	35.9	38.0	3.8
PROM.	17.0	25.0	21.0	81.4	20.18	17.6	49.4	250.6	300.0	148.9

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.5	20.6	82.1	20.08	17.6	4.3	12.2	16.5	4.5
2	15.6	23.0	19.6	86.9	19.58	17.2	0.0	2.6	2.6	2.6
3	15.5	23.4	19.9	85.3	19.89	17.4	0.0	0.0	0.0	1.1
4	17.0	25.2	20.3	81.8	20.02	17.5	55.4	0.2	55.6	4.1
5	16.8	26.0	22.0	75.9	20.13	17.6	0.0	0.0	0.0	9.2
6	16.5	27.2	22.5	69.3	18.54	16.3	0.0	0.0	0.0	10.2
7	17.8	26.6	22.8	71.7	19.57	17.2	0.0	0.0	0.0	9.5
8	17.4	25.8	21.5	75.0	19.28	17.0	0.0	0.0	0.0	2.9
9	17.0	25.0	20.9	83.3	20.68	18.0	0.0	0.5	0.5	2.0
10	17.2	25.3	19.3	85.3	19.48	17.1	57.1	0.0	57.1	3.2
11	16.4	22.8	19.5	90.0	20.36	17.8	2.0	13.2	15.2	2.8
12	15.2	24.0	18.6	89.0	19.23	16.8	12.1	6.6	18.7	1.9
13	15.5	24.5	19.9	83.1	19.60	17.2	5.6	6.4	12.0	4.5
14	16.4	24.4	19.5	85.8	19.70	17.3	0.8	12.2	13.0	4.0
15	16.4	25.0	19.8	83.5	19.25	16.9	2.8	0.2	3.0	4.3
16	16.7	22.4	19.1	89.4	19.86	17.4	1.5	0.0	1.5	3.3
17	15.8	24.0	19.7	83.9	18.92	16.6	0.0	1.0	1.0	2.2
18	16.0	22.0	18.4	89.7	19.28	16.9	3.0	3.2	6.2	0.4
19	15.8	21.9	18.8	87.0	18.74	16.5	0.2	3.5	3.7	2.3
20	16.0	23.0	19.4	84.4	18.81	16.5	0.0	0.0	0.0	1.1
21	17.0	26.0	20.8	73.5	18.11	15.9	9.8	0.0	9.8	9.5
22	17.4	27.5	20.8	78.1	19.30	16.9	1.5	3.6	5.1	8.5
23	16.5	24.5	19.6	83.0	18.88	16.6	0.1	8.6	8.7	3.7
24	16.2	22.6	18.7	86.2	19.01	16.7	14.2	27.3	41.5	3.3
25	15.5	21.6	18.0	91.0	18.77	16.5	0.9	0.3	1.2	1.5
26	15.6	24.0	19.5	85.1	19.16	16.8	1.0	3.1	4.1	3.7
27	15.5	25.8	20.3	82.8	19.47	17.1	0.0	11.4	11.4	7.4
28	15.0	24.4	19.9	87.7	19.91	17.3	1.0	0.0	1.0	6.2
29	16.5	25.0	20.2	77.8	18.88	16.6	1.4	1.5	2.9	8.5
30	15.5	23.0	19.4	85.1	19.53	17.1	1.9	6.2	8.1	0.4
PROM	16.2	24.3	20.0	83.1	19.40	17.0	176.6	123.8	300.4	134.8

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.9[illegible]8

ALTITUD: 1.600 LATITUD: 5-56 N. LONGITUD: 75-43 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	16.4	25.0	20.5	82.7	19.80	17.3	0.0	4.1	4.1	9.0
2	16.4	20.6	18.4	93.6	19.63	17.2	6.3	0.5	6.8	1.4
3	16.3	23.2	19.6	84.6	19.63	17.2	1.5	25.3	26.8	5.7
4	15.3	22.0	18.6	86.8	18.87	16.5	0.0	12.6	12.6	2.1
5	15.0	22.4	18.4	84.7	17.86	15.7	2.4	19.5	21.9	3.4
6	15.2	22.0	17.9	85.0	17.32	15.2	1.0	6.7	7.7	4.2
7	15.0	24.2	19.4	81.8	18.30	16.1	1.0	16.6	17.6	7.3
8	16.3	24.4	19.6	80.8	18.48	16.3	3.4	0.2	3.6	7.5
9	16.4	25.6	20.5	72.1	17.66	15.5	21.3	0.0	21.3	8.6
10	16.9	26.0	21.1	71.7	17.50	15.4	0.0	0.5	0.5	9.3
11	16.6	25.8	21.0	77.6	19.11	16.8	0.0	0.0	0.0	7.3
12	16.4	25.4	18.8	83.2	18.36	16.1	10.4	0.0	10.4	6.9
13	16.0	24.1	19.5	83.5	19.12	16.8	10.6	0.1	10.7	5.8
14	16.2	26.2	21.0	78.1	18.95	16.6	0.0	0.0	0.0	9.4
15	17.0	27.3	21.7	55.0	14.35	12.2	0.0	0.0	0.0	11.2
16	17.8	26.8	21.8	74.0	19.25	16.7	0.0	0.0	0.0	8.1
17	17.3	26.7	22.2	68.9	18.15	16.0	0.0	0.0	0.0	10.3
18	17.5	26.4	21.2	74.3	18.70	16.4	0.8	0.1	0.9	8.7
19	16.8	25.7	21.3	79.8	19.86	17.4	0.0	0.0	0.0	7.4
20	16.5	27.3	22.5	71.1	18.75	16.5	0.0	0.0	0.0	10.3
21	17.5	27.2	22.1	74.7	19.76	17.2	0.0	0.0	0.0	9.3
22	17.5	26.0	20.8	77.8	19.58	17.2	4.6	0.1	4.7	6.9
23	17.2	25.0	20.9	82.6	20.53	17.9	0.0	0.0	0.0	4.0
24	17.4	25.8	21.1	77.1	19.17	16.8	0.0	0.3	0.3	8.4
25	17.0	26.5	21.7	74.9	18.93	16.6	0.4	0.7	1.1	7.1
26	16.8	27.0	22.1	69.8	18.17	16.0	1.2	2.6	3.8	6.7
27	14.8	24.8	19.7	81.6	18.73	16.4	0.0	0.0	0.0	4.8
28	17.0	26.6	22.3	68.2	18.02	15.8	0.0	0.0	0.0	9.1
29	17.3	24.2	20.5	79.6	19.24	16.9	0.0	23.2	23.2	3.4
30	15.4	25.3	19.7	80.0	18.30	16.1	1.7	1.6	3.3	8.4
31	16.4	24.7	20.5	81.1	19.53	17.1	0.0	0.5	0.5	7.0
PROM.	16.5	25.2	20.5	78.0	18.70	16.4	66.6	115.2	181.8	219.0

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	16.8	25.2	19.2	83.0	18.64	16.4	15.7	9.5	25.2	5.7
2	16.0	25.0	20.0	78.9	17.96	15.8	1.0	30.9	31.9	4.7
3	15.5	24.5	19.6	84.8	18.97	16.7	0.0	15.8	15.8	5.8
4	15.5	23.8	18.9	84.9	18.36	16.2	0.0	7.8	7.8	3.9
5	16.2	26.0	20.2	79.9	18.60	16.4	0.0	6.4	6.4	5.9
6	17.0	25.5	20.5	77.7	18.37	16.2	2.4	0.2	2.6	5.7
7	17.0	25.2	20.6	83.5	20.41	17.8	0.3	6.8	7.1	6.0
8	16.8	23.0	18.7	83.5	18.12	15.9	7.6	0.0	7.6	2.6
9	16.0	24.7	20.6	83.3	19.90	17.4	0.3	7.1	7.4	5.8
10	16.0	23.8	19.4	84.1	18.91	16.6	4.2	21.7	25.9	3.3
11	14.5	23.2	18.7	80.4	17.06	15.0	1.0	0.0	1.0	5.7
12	16.5	23.0	18.8	76.4	16.39	14.4	0.2	17.4	17.6	4.3
13	15.0	23.8	19.3	78.9	17.29	15.2	0.0	0.1	0.1	6.3
14	17.0	21.5	19.0	88.1	19.43	17.0	0.8	18.7	19.5	2.2
15	15.5	24.0	19.5	83.2	18.58	16.3	1.0	4.0	5.0	5.7
16	16.6	24.5	19.5	88.6	19.86	17.4	0.0	17.8	17.8	3.2
17	15.5	22.5	18.6	88.4	18.68	16.4	3.4	0.5	3.9	4.3
18	16.5	23.4	19.0	86.9	19.25	16.9	2.1	4.8	6.9	1.2
19	16.0	23.5	19.0	88.9	19.36	17.0	11.5	20.8	32.3	4.4
20	15.5	23.9	19.2	86.8	19.06	16.7	2.5	2.1	4.6	5.0
21	16.5	22.5	18.8	89.3	19.40	17.0	1.4	25.0	26.4	2.1
22	15.0	22.6	18.6	90.4	19.08	16.7	0.0	0.3	0.3	3.9
23	15.5	25.5	20.2	76.2	18.17	16.0	6.5	3.7	10.2	8.9
24	16.0	24.8	20.4	82.1	19.26	16.9	0.0	73.9	73.9	5.4
25	15.5	23.4	19.4	81.2	17.87	15.7	0.6	0.1	0.7	4.1
26	16.5	23.5	19.8	82.0	18.66	16.4	0.0	13.2	13.2	3.3
27	16.0	22.0	18.5	87.9	18.88	16.6	3.0	0.0	3.0	3.0
28	16.4	24.4	20.0	79.4	18.46	16.2	0.8	10.0	10.8	7.6
29	16.5	24.5	20.4	81.0	19.21	16.8	0.0	36.3	36.3	5.4
30	14.5	21.0	18.0	85.4	17.67	15.5	6.5	14.3	20.8	1.9
31	15.0	20.8	16.4	95.4	17.94	15.8	2.5	0.0	2.5	0.0
PROM	16.0	23.7	19.3	83.9	18.64	16.4	75.3	369.2	444.5	137.3

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.988

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.8	19.3	78.6	17.81	15.6	0.3	0.0	0.3	6.2
2	16.5	24.4	20.4	76.0	18.71	16.4	0.0	3.2	3.2	6.1
3	16.0	23.2	19.8	84.7	19.32	17.0	0.0	48.7	48.7	4.9
4	15.0	25.5	20.4	78.4	18.52	16.3	0.4	38.2	38.6	8.1
5	15.8	23.4	19.1	84.8	18.62	16.4	11.7	1.0	12.7	4.6
6	16.6	24.7	19.6	83.1	19.15	16.8	5.3	6.6	11.9	3.8
7	15.5	18.6	16.8	96.0	18.44	16.2	13.5	0.0	13.5	0.0
8	15.0	24.4	19.4	80.7	18.22	16.0	1.4	0.1	1.5	6.5
9	16.6	22.8	18.9	90.8	20.06	17.5	5.8	16.4	22.2	1.7
10	15.5	22.5	18.6	91.2	19.41	17.0	3.2	13.7	16.9	0.8
11	15.7	23.0	19.1	84.8	18.61	16.3	0.0	17.5	17.5	1.1
12	15.5	21.8	18.4	92.0	19.56	17.1	27.4	0.3	27.7	1.2
13	16.0	21.0	18.1	90.1	18.70	16.4	2.7	16.2	18.9	0.6
14	15.0	22.8	18.8	84.2	18.02	15.8	0.0	0.3	0.3	2.0
15	15.5	26.5	19.9	74.1	17.25	15.2	0.5	2.4	2.9	7.4
16	16.0	26.2	21.2	73.9	18.72	16.4	0.0	3.3	3.3	9.2
17	16.4	26.0	19.9	73.7	17.19	15.1	28.8	6.7	35.5	5.5
18	16.0	22.4	18.6	85.2	18.34	16.1	8.1	12.1	20.2	0.4
19	14.0	23.5	19.0	81.0	17.40	15.3	0.0	25.1	25.1	2.0
20	15.0	23.6	20.1	84.3	19.45	17.0	0.0	25.4	25.4	5.5
21	15.6	25.0	20.2	81.7	18.67	16.4	0.0	0.0	0.0	5.9
22	16.5	25.5	20.9	77.0	18.57	16.3	2.8	28.6	31.4	8.0
23	15.2	24.4	19.6	78.4	17.56	15.4	0.0	5.2	5.2	4.8
24	16.4	26.2	20.9	77.3	19.31	17.0	0.6	0.0	0.6	9.3
25	16.5	27.0	21.1	81.0	19.88	17.4	0.0	0.0	0.0	9.0
26	18.0	24.0	20.1	80.3	18.74	16.5	0.0	0.0	0.0	2.8
27	17.0	25.5	21.5	72.5	18.27	16.1	0.0	0.0	0.0	8.0
28	16.4	24.5	21.3	76.7	19.17	16.5	0.2	0.9	1.1	7.6
29	16.4	25.2	21.0	76.7	18.93	16.6	0.6	8.9	9.5	5.6
30	15.4	23.0	18.8	84.7	18.29	16.1	0.0	21.9	21.9	3.0
PROM.	15.9	24.0	19.7	81.8	18.63	16.4	113.3	302.7	416.0	141.6

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	21.8	16.3	88.1	16.03	14.0	22.1	0.8	22.9	2.9
2	15.0	22.5	18.1	82.9	17.38	15.3	4.7	3.2	7.9	3.2
3	15.3	23.5	19.1	84.9	18.55	16.3	0.0	0.7	0.7	3.3
4	15.0	23.4	18.5	82.7	17.67	15.5	5.6	0.1	5.7	2.6
5	15.8	24.0	19.4	85.4	19.25	16.9	0.0	5.4	5.4	3.6
6	15.6	25.5	20.4	81.4	19.37	16.9	0.1	39.3	39.4	7.0
7	14.4	23.5	18.8	82.3	17.71	15.6	0.0	32.1	32.1	3.8
8	14.8	18.6	16.6	89.8	16.78	14.8	12.0	0.0	12.0	0.1
9	14.5	23.0	19.2	79.2	17.44	15.4	0.0	0.0	0.0	5.5
10	16.0	25.7	20.8	74.8	18.03	15.9	0.0	2.6	2.6	10.5
11	16.2	22.4	18.2	90.3	19.13	16.8	4.6	5.2	9.8	2.7
12	15.0	22.2	18.1	90.1	18.88	16.5	24.5	22.5	47.0	4.3
13	15.1	20.2	17.6	80.5	16.12	14.1	1.0	14.7	15.7	0.2
14	14.5	20.5	17.8	88.6	18.11	15.9	3.3	4.3	7.6	0.6
15	14.8	20.0	17.9	90.8	16.55	16.3	1.8	4.0	5.8	0.5
16	15.0	22.0	18.9	84.8	18.43	16.2	0.2	3.0	3.2	4.3
17	15.5	23.2	18.5	90.4	19.62	17.1	2.4	21.0	23.4	3.1
18	14.7	21.6	17.6	87.2	17.76	15.6	3.4	3.0	6.4	2.6
19	14.5	22.0	18.5	76.6	15.97	13.9	0.0	0.0	0.0	1.4
20	15.0	24.5	20.8	74.7	18.16	16.0	0.0	0.0	0.0	8.4
21	17.0	24.6	19.4	82.9	19.15	16.8	5.4	0.6	6.0	5.5
22	15.8	23.5	19.4	78.1	17.62	15.5	0.3	0.0	0.3	1.1
23	16.2	27.0	21.5	71.2	17.96	15.8	0.0	0.0	0.0	10.6
24	16.0	23.8	19.6	80.5	18.60	16.3	0.0	6.1	6.1	6.1
25	14.5	23.5	18.4	81.5	17.29	15.2	0.0	2.4	2.4	1.9
26	14.6	22.4	18.7	80.8	17.35	15.3	0.0	0.0	0.0	5.7
27	16.0	24.8	20.1	75.0	17.82	15.6	0.7	5.4	6.1	8.0
28	15.5	21.5	18.2	82.8	17.29	15.2	0.1	1.1	1.2	1.0
29	15.6	24.0	19.7	84.5	19.35	17.0	0.1	17.6	17.7	2.2
30	16.0	21.0	17.9	89.6	18.55	16.3	5.6	0.0	5.6	0.4
31	15.6	24.4	19.5	82.7	18.57	16.3	0.0	0.0	0.0	3.4
PROM	15.3	22.9	18.8	83.1	18.02	15.8	97.9	195.1	293.0	116.5

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.988

ALTITUD: 1.600 LATITUD: 5-56 N. LONGITUD: 75-43 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	16.0	24.0	19.5	77.7	17.89	15.7	12.2	6.9	19.1	1.9
2	15.4	20.8	18.0	91.1	18.93	16.6	0.0	50.5	50.5	0.5
3	15.0	22.2	18.8	88.4	19.13	16.8	0.0	0.0	0.0	2.6
4	16.0	23.6	19.0	78.8	17.63	15.5	0.0	0.0	0.0	7.2
5	16.4	23.5	18.6	82.5	18.14	16.0	5.9	12.5	18.4	5.9
6	14.8	23.6	18.8	77.2	16.83	14.8	0.8	0.0	0.8	4.3
7	16.0	24.0	19.3	79.1	17.77	15.7	1.3	0.0	1.3	4.5
8	15.0	23.0	18.7	84.3	17.92	15.7	0.4	0.0	0.4	3.5
9	15.6	23.8	18.4	85.5	18.76	16.5	37.1	10.4	47.5	3.8
10	15.0	22.6	18.4	81.3	17.10	15.1	2.8	2.5	5.3	3.2
11	15.5	22.2	18.0	88.5	18.10	15.9	3.6	0.1	3.7	3.6
12	15.8	23.0	19.1	84.5	18.71	16.4	2.7	0.0	2.7	4.5
13	16.5	20.5	18.3	87.1	18.36	16.1	14.5	3.0	17.5	0.6
14	16.0	21.8	17.9	91.1	18.63	16.4	9.5	9.2	18.7	2.0
15	15.4	21.7	18.1	84.2	17.67	15.6	0.0	3.7	3.7	3.2
16	15.2	20.5	17.2	91.9	18.02	15.9	15.6	2.3	17.9	1.6
17	15.4	24.4	19.3	85.7	18.98	16.7	0.0	0.0	0.0	5.8
18	16.5	24.2	20.2	84.9	19.90	17.4	4.1	12.3	16.4	4.2
19	16.5	23.4	19.5	85.2	19.29	16.9	0.0	1.2	1.2	2.6
20	16.0	25.0	18.8	86.5	18.96	16.7	8.0	3.9	11.9	6.7
21	16.1	23.8	18.7	84.0	18.33	16.1	2.7	1.9	4.6	2.4
22	16.0	23.2	18.3	85.9	18.35	16.1	23.1	13.6	36.7	4.0
23	15.5	24.4	19.1	83.5	18.39	16.2	0.0	4.6	4.6	3.7
24	16.5	22.0	18.9	85.3	18.53	16.3	0.5	7.7	8.2	1.6
25	15.5	24.4	19.5	79.4	17.69	15.6	0.0	0.0	0.0	3.6
26	16.5	23.6	19.4	78.8	17.62	15.5	0.1	2.0	2.1	3.8
27	16.4	26.2	20.7	81.3	19.72	17.3	0.0	1.9	1.9	8.4
28	17.0	24.6	20.4	80.0	18.95	16.6	0.2	4.4	4.6	3.7
29	15.4	22.0	19.1	83.4	18.29	16.1	0.7	8.5	9.2	2.2
30	16.5	22.6	19.1	81.7	18.06	15.8	4.8	8.2	13.0	3.1
PROM.	15.8	23.2	18.9	84.0	18.35	16.1	150.6	171.3	321.9	108.7

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	16.0	23.8	18.9	87.1	19.00	16.7	2.5	16.2	18.7	3.6
2	15.5	21.8	18.3	90.1	18.97	16.7	0.8	14.2	15.0	2.2
3	15.6	21.5	17.3	90.8	17.87	15.7	4.1	0.2	4.3	0.9
4	14.5	22.5	18.7	85.0	18.29	16.1	2.2	38.3	40.5	3.8
5	14.4	22.4	17.7	85.5	17.32	15.2	0.2	3.4	3.6	2.3
6	16.0	24.0	18.7	83.6	18.15	16.0	8.9	12.0	20.9	4.5
7	15.8	23.2	17.9	89.9	18.80	16.5	16.2	15.4	31.6	3.7
8	15.5	20.8	16.7	93.0	17.55	15.5	1.2	8.4	9.6	2.1
9	15.0	23.0	18.7	85.0	18.34	16.1	2.6	1.0	3.6	4.5
10	16.0	25.5	19.8	83.5	18.90	16.6	0.4	0.0	0.4	5.0
11	16.2	25.8	20.9	73.8	18.02	15.9	21.3	0.0	21.3	8.2
12	16.5	26.0	20.1	81.1	19.27	16.9	8.2	0.5	8.7	8.2
13	16.3	22.8	18.4	89.9	19.22	16.9	20.8	10.2	31.0	1.3
14	16.0	22.6	18.4	90.7	19.25	16.9	0.1	1.7	1.8	2.9
15	16.3	25.6	20.6	79.5	18.93	16.6	0.0	0.0	0.0	0.0
16	16.0	25.5	20.8	73.3	17.80	15.7	0.0	0.0	0.0	7.8
17	16.5	23.8	19.7	77.8	17.82	15.7	0.0	0.0	0.0	5.7
18	16.0	25.2	20.2	73.9	17.40	15.3	0.0	0.0	0.0	9.0
19	16.5	23.8	19.5	77.9	17.46	15.4	0.0	0.0	0.0	7.7
20	16.2	26.5	20.5	76.5	18.14	16.0	0.0	0.0	0.0	8.9
21	16.0	24.5	19.9	78.2	17.98	15.8	0.0	0.0	0.0	5.0
22	16.8	20.0	18.1	86.7	18.04	15.9	0.3	0.0	0.3	0.0
23	15.0	23.5	19.4	71.8	16.35	14.3	10.5	0.1	10.6	4.6
24	16.0	22.6	18.8	79.9	17.40	15.3	0.4	0.1	0.5	3.0
25	16.4	22.5	18.6	81.4	17.45	15.4	0.0	0.0	0.0	0.5
26	16.0	23.8	19.1	86.1	18.73	16.5	0.2	0.0	0.2	1.8
27	16.4	21.8	18.4	85.6	18.34	16.1	4.5	0.0	4.5	1.3
28	15.5	23.0	18.2	86.4	18.16	16.0	4.6	5.3	9.9	2.0
29	15.4	21.5	18.5	85.3	18.04	15.9	6.5	32.4	38.9	1.6
30	15.5	22.5	18.0	86.9	18.13	15.9	20.9	0.0	20.9	2.6
31	16.0	23.6	19.3	81.8	18.14	16.0	0.0	0.6	0.6	4.0
PROM	15.9	23.4	19.0	83.2	18.17	16.0	137.4	160.0	297.4	118.7

ESTACION: EL ROSARIO MUNICIPIO: VENECIA AÑO: 1.988

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	17.1	26.7	22.0	15.5	26.5	73.5	19.04	16.7	65.6	13	219.8
FEBRERO	17.3	25.9	21.6	15.4	29.1	76.2	19.16	16.8	212.9	17	162.7
MARZO	17.5	27.9	22.8	15.8	30.5	66.7	17.90	15.7	45.7	8	217.0
ABRIL	17.0	24.6	20.6	15.4	26.3	82.3	19.81	17.3	248.4	24	97.8
MAYO	17.0	25.0	21.0	14.0	26.2	81.4	20.18	17.6	300.0	22	148.9
JUNIO	16.2	24.3	20.0	15.0	27.5	83.1	19.40	17.0	300.4	24	134.8
JULIO	16.5	25.2	20.5	14.8	27.3	78.0	18.70	16.4	181.8	20	219.0
AGOSTO	16.0	23.7	19.3	14.5	26.0	83.5	18.64	16.4	444.5	31	137.3
SEPTIEMBRE	15.9	24.0	19.7	14.0	27.0	81.8	18.63	16.4	416.0	26	141.6
OCTUBRE	15.3	22.9	18.8	14.4	27.0	83.1	18.02	15.8	293.0	25	116.5
NOVIEMBRE	15.8	23.2	18.9	14.8	26.2	84.0	18.35	16.1	321.9	26	108.7
DICIEMBRE	15.9	23.4	19.0	14.4	26.5	83.2	18.17	16.0	297.4	23	118.7
PROMEDIO	16.5	24.7	20.4	14.8	27.7	79.8	18.83	16.5			
TOTAL									3127.6	259	1822.8

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.968

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	14.7	27.8	19.2	72.4	15.11	12.8	0.0	0.0	0.0	8.6
2	15.2	26.6	20.4	75.4	17.32	15.1	0.2	0.0	0.2	6.1
3	16.8	26.8	20.0	77.2	17.78	15.6	0.0	0.0	0.0	5.1
4	16.2	27.1	20.8	76.3	18.18	15.9	0.0	0.1	0.1	7.0
5	17.7	27.5	20.6	75.9	18.09	15.8	0.0	4.7	4.7	6.0
6	17.0	25.4	20.1	78.3	18.07	15.8	0.1	0.0	0.1	3.5
7	16.0	25.0	19.1	77.3	16.99	14.9	0.0	3.4	3.4	5.5
8	17.2	26.2	21.0	74.4	17.73	15.4	0.0	1.5	1.5	6.2
9	15.8	26.4	20.2	74.4	16.85	14.6	0.0	0.0	0.0	7.6
10	15.9	26.9	19.7	73.3	16.37	14.3	0.0	0.0	0.0	7.0
11	15.7	26.3	19.7	73.4	16.39	14.3	0.0	0.0	0.0	7.4
12	16.0	26.8	19.8	68.2	15.23	13.2	0.0	0.0	0.0	9.4
13	14.0	26.9	19.5	71.7	15.48	13.4	0.0	0.0	0.0	8.6
14	14.7	24.2	19.8	74.5	16.62	14.6	0.0	9.3	9.3	3.4
15	15.8	25.3	19.6	75.9	16.73	14.7	0.0	16.8	16.8	5.5
16	16.2	23.0	18.3	81.6	16.95	14.8	0.6	0.0	0.6	2.6
17	16.0	25.5	19.6	80.9	18.04	15.7	5.6	1.0	6.6	4.4
18	15.8	22.8	18.5	90.0	19.31	17.0	0.5	7.0	7.5	1.7
19	16.0	26.0	19.4	76.9	16.84	14.7	1.7	0.0	1.7	5.9
20	15.2	26.1	20.2	75.7	17.24	15.0	0.0	1.9	1.9	7.5
21	14.7	26.2	19.4	74.6	15.96	13.8	0.0	0.8	0.8	8.7
22	14.0	25.3	20.0	74.5	16.60	14.2	0.0	0.0	0.0	8.6
23	14.9	26.2	19.5	75.7	16.37	14.2	0.0	0.0	0.0	6.2
24	14.1	27.0	19.7	74.2	16.17	14.1	0.0	0.8	0.8	8.5
25	16.7	26.2	20.2	71.2	16.21	14.0	0.0	0.2	0.2	7.5
26	14.9	26.3	19.2	70.6	15.04	13.0	0.0	0.0	0.0	9.0
27	13.8	24.8	19.4	68.7	14.69	12.4	0.0	0.0	0.0	2.7
28	13.9	26.9	18.9	74.0	15.34	13.3	0.0	0.0	0.0	8.5
29	15.0	25.0	19.9	74.5	16.80	14.7	0.0	0.0	0.0	1.2
30	16.8	24.3	19.2	77.0	16.90	14.8	3.0	0.1	3.1	4.3
31	13.5	27.0	19.4	75.3	16.00	13.9	0.0	0.0	0.0	7.4
PROM.	15.5	25.9	19.7	75.3	16.69	14.5	11.7	47.6	59.3	191.6

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.7	28.8	20.3	72.1	16.25	14.1	0.0	0.0	0.0	7.2
2	16.5	23.2	19.0	78.3	17.25	15.1	0.0	0.0	0.0	0.2
3	15.0	25.3	20.4	75.4	17.36	15.0	0.1	13.7	13.8	5.0
4	16.4	21.0	18.1	85.2	17.63	15.5	3.0	0.0	3.0	0.3
5	13.0	25.5	19.4	74.1	15.99	14.0	0.0	16.2	16.2	6.1
6	16.5	24.2	20.4	75.5	17.51	15.3	0.0	0.1	0.1	3.2
7	17.0	25.4	20.0	74.3	16.94	14.8	0.1	0.0	0.1	3.5
8	14.0	28.3	21.3	69.9	16.36	14.1	0.0	17.6	17.6	8.2
9	15.8	23.2	19.2	80.1	17.42	15.3	0.6	0.0	0.6	1.5
10	13.8	26.8	20.4	69.5	15.41	13.2	0.0	7.2	7.2	7.8
11	15.2	23.6	19.1	77.8	16.59	14.4	0.1	0.0	0.1	1.0
12	16.1	25.7	19.4	80.8	17.90	15.7	7.1	1.1	8.2	6.3
13	16.8	24.3	19.3	79.8	17.39	14.9	2.6	0.0	2.6	0.9
14	16.5	25.8	20.5	76.0	17.75	15.5	0.0	0.0	0.0	5.0
15	15.4	27.0	20.6	74.1	17.07	14.7	0.4	0.0	0.4	6.8
16	15.0	27.9	21.0	70.8	16.62	14.5	0.0	0.0	0.0	8.5
17	16.2	26.9	21.0	74.9	17.72	15.4	0.0	0.0	0.0	5.2
18	15.5	28.2	20.7	68.8	16.07	14.1	0.0	0.0	0.0	10.0
19	15.5	27.0	20.6	67.0	15.62	13.6	0.0	0.0	0.0	9.4
20	13.8	26.8	19.8	71.7	15.45	13.2	0.0	0.0	0.0	7.1
21	14.8	25.6	20.4	73.9	17.00	14.9	0.0	12.2	12.2	4.1
22	15.4	25.0	20.8	74.1	17.43	15.2	0.0	0.0	0.0	3.9
23	16.5	27.8	21.2	72.5	17.31	15.0	0.0	0.0	0.0	5.4
24	17.5	25.2	20.3	81.7	19.23	16.8	6.9	2.0	8.9	2.6
25	15.8	24.3	19.2	80.1	17.62	15.5	15.4	1.8	17.2	0.9
26	15.7	25.0	20.3	72.4	16.62	14.5	5.1	5.0	10.1	3.6
27	16.2	20.7	18.0	87.7	18.02	15.9	13.8	0.0	13.8	0.0
28	14.0	25.0	19.0	73.6	15.39	13.3	0.0	0.0	0.0	5.5
29	14.9	27.0	20.0	67.5	14.84	12.8	0.0	0.0	0.0	9.2
PROM	15.5	25.5	20.0	75.2	16.89	14.7	55.2	76.9	132.1	138.4

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.988

ALTITUD: 1.570 LATITUD: 5-32 N. LONGITUD: 75-51 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	16.5	27.0	20.5	66.4	15.44	13.4	0.0	0.3	0.3	7.8
2	16.8	26.6	19.7	71.0	15.86	13.7	0.0	0.0	0.0	7.7
3	13.4	27.0	20.6	64.2	14.21	12.2	0.0	0.0	0.0	8.9
4	14.0	26.9	20.0	69.2	15.31	13.3	0.0	0.0	0.0	7.9
5	14.5	26.8	19.9	71.8	15.79	13.6	0.0	0.0	0.0	6.5
6	16.3	27.0	21.3	67.8	16.10	14.0	0.0	0.0	0.0	6.9
7	14.9	29.4	20.7	67.9	15.39	13.2	0.0	0.0	0.0	7.6
8	17.4	26.8	20.5	74.6	17.46	15.2	0.1	31.4	31.5	5.9
9	16.8	22.1	18.4	84.8	17.92	15.7	2.8	0.0	2.8	0.1
10	14.7	26.4	19.1	74.8	15.84	13.8	0.0	0.0	0.0	9.6
11	14.8	27.2	18.7	75.1	15.55	13.3	1.0	0.0	1.0	7.6
12	15.1	26.0	19.5	72.0	15.70	13.6	0.0	0.0	0.0	5.9
13	14.8	25.6	20.2	64.4	14.33	12.2	0.0	0.0	0.0	5.4
14	16.8	26.8	20.2	69.9	15.85	13.6	0.0	0.0	0.0	4.9
15	15.4	26.1	20.3	70.6	16.01	13.9	0.0	4.0	4.0	5.9
16	14.4	26.0	19.7	70.0	15.07	13.0	0.0	9.2	9.2	
17	13.9	26.2	19.9	73.1	15.98	13.8	0.0	0.0	0.0	5.4
18	14.0	27.0	20.2	67.7	14.87	12.8	0.0	0.0	0.0	6.9
19	13.5	28.4	20.6	70.1	15.68	13.5	0.0	0.0	0.0	7.7
20	14.7	27.2	20.6	66.8	15.34	13.2	0.0	0.0	0.0	5.8
21	13.7	30.0	21.5	62.0	14.12	11.8	0.0	0.0	0.0	9.2
22	16.4	26.7	20.9	71.5	16.92	14.6	0.0	0.0	0.0	5.0
23	15.4	26.4	20.9	67.3	16.09	14.1	0.0	0.0	0.0	4.0
24	14.6	28.0	20.4	69.7	15.60	13.5	0.0	0.0	0.0	7.9
25	14.7	28.5	20.6	68.1	15.39	13.2	0.0	0.0	0.0	8.4
26	14.8	25.5	20.5	64.2	14.60	12.5	0.0	0.0	0.0	1.4
27	13.7	25.3	20.0	66.1	14.58	12.5	0.0	0.0	0.0	1.7
28	15.4	26.6	21.1	67.4	15.96	13.9	0.0	0.0	0.0	1.5
29	16.0	25.7	20.5	73.8	17.15	14.9	0.0	17.8	17.8	0.0
30	16.4	27.2	21.3	72.4	17.27	14.9	0.0	11.3	11.3	5.3
31	15.2	26.8	21.2	68.7	16.25	14.1	0.0	0.8	0.8	7.5
PROM.	15.1	26.7	20.3	69.8	15.73	13.6	3.9	74.8	78.7	

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	17.2	26.2	21.7	66.8	16.48	14.3	0.1	1.6	1.7	2.7
2	16.5	21.0	18.5	90.1	19.25	16.9	46.3	0.0	46.3	0.0
3	16.4	25.4	19.8	76.2	17.17	15.0	0.8	17.7	18.5	1.7
4	15.8	26.0	20.2	75.1	16.95	14.6	0.3	0.7	1.0	3.8
5	17.2	26.5	21.0	72.2	17.36	15.1	0.5	15.4	15.9	5.6
6	16.8	21.8	18.3	84.1	17.74	15.6	3.0	0.0	3.0	0.3
7	14.8	25.4	19.7	75.6	16.65	14.4	0.0	0.0	0.0	3.0
8	16.4	24.1	20.5	78.6	18.52	16.2	4.6	0.1	4.7	2.6
9	17.5	21.0	18.4	91.3	19.54	17.1	20.0	0.7	20.7	0.0
10	16.2	22.2	18.8	83.1	17.94	15.8	2.1	2.6	4.7	0.9
11	15.8	20.0	17.5	85.2	16.99	15.0	4.1	0.0	4.1	0.0
12	14.8	26.0	18.9	82.3	17.69	15.5	3.8	32.8	36.6	2.5
13	15.8	23.0	18.4	87.1	18.24	16.0	9.0	1.1	10.1	1.4
14	16.2	26.6	20.6	72.6	17.05	14.9	0.0	5.4	5.4	4.5
15	16.8	24.8	20.3	72.9	16.81	14.7	1.2	17.6	18.8	4.3
16	16.0	25.6	20.4	75.3	17.60	15.5	0.0	1.4	1.4	5.2
17	15.9	27.4	21.5	64.0	15.46	13.4	0.0	0.0	0.0	5.3
18	16.8	26.3	20.5	70.2	16.74	14.6	6.5	0.2	6.7	9.4
19	17.2	25.0	19.9	77.8	17.78	15.5	0.0	8.7	8.7	3.6
20	16.8	26.0	21.1	73.8	17.84	15.7	0.0	8.9	8.9	5.4
21	14.4	25.8	19.8	75.4	16.81	14.7	0.0	0.0	0.0	4.1
22	15.9	25.3	19.7	80.6	18.40	16.2	2.9	0.0	2.9	3.3
23	16.2	24.9	19.9	78.1	17.74	15.5	0.1	2.7	2.8	3.8
24	16.8	25.6	20.8	74.9	18.12	15.9	0.0	3.6	3.6	
25	16.2	26.4	20.5	80.0	19.01	16.6	0.7	1.3	2.0	6.0
26	16.8	22.6	19.3	86.8	19.42	17.0	3.0	2.9	5.9	0.0
27	16.4	25.5	19.6	80.9	18.25	16.0	0.8	7.0	7.8	3.4
28	15.8	26.0	21.5	66.0	15.94	13.9	0.0	0.0	0.0	8.1
29	17.2	26.0	20.2	74.1	17.42	15.2	4.5	2.7	7.2	1.0
30	15.9	23.6	19.6	78.4	17.69	15.5	0.0	26.9	26.9	3.0
PROM	16.3	24.7	19.9	77.7	17.62	15.4	.3	162.0	276.3	

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.988

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

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	24.1	19.1	82.4	17.98	15.8	2.1	0.4	2.5	1.3
2	16.7	22.8	18.7	84.4	17.86	15.7	0.8	0.0	0.8	2.8
3	14.9	25.4	18.5	83.6	17.70	15.5	2.9	9.8	12.7	5.2
4	16.7	23.0	18.2	88.0	18.31	16.1	5.8	0.0	5.8	1.2
5	15.8	24.5	19.9	74.8	16.90	14.7	0.3	40.0	40.3	6.1
6	15.6	25.6	19.8	77.6	17.17	14.8	0.9	1.5	2.4	6.7
7	16.2	25.8	19.6	81.2	18.42	16.2	11.3	0.0	11.3	5.7
8	15.3	26.5	19.9	77.0	17.47	15.3	28.2	21.4	49.6	7.4
9	15.5	26.7	20.4	74.7	16.92	14.6	0.0	3.6	3.6	6.8
10	16.2	24.6	19.2	80.0	17.80	15.6	3.6	0.0	3.6	5.1
11	14.8	25.4	19.7	75.9	16.87	14.7	0.1	2.3	2.4	4.6
12	16.4	23.2	19.0	79.5	17.02	14.7	2.0	0.0	2.0	2.4
13	16.5	24.0	19.9	79.0	18.06	15.8	1.2	7.9	9.1	4.1
14	15.4	20.8	17.8	90.2	18.20	16.0	1.4	0.0	1.4	0.2
15	14.7	24.6	19.0	81.7	17.60	15.4	0.7	4.2	4.9	4.5
16	14.0	21.4	18.9	90.9	19.90	17.4	1.0	0.0	1.0	4.8
17	15.8	25.2	19.0	84.7	18.63	16.4	8.7	3.2	11.9	4.4
18	16.4	22.8	18.6	84.8	18.08	15.9	2.3	1.4	3.7	4.3
19	15.4	25.0	19.3	80.1	17.53	15.2	0.4	3.6	4.0	6.5
20	15.8	24.4	19.2	82.0	17.94	15.8	0.7	0.0	0.7	2.6
21	16.8	25.4	20.2	73.6	16.96	14.8	0.0	2.0	2.0	4.0
22	15.9	25.9	19.6	80.2	17.70	15.5	3.2	0.0	3.2	7.9
23	16.7	25.0	19.9	76.9	17.52	15.3	0.0	0.0	0.0	2.1
24	14.7	27.4	20.1	73.6	16.46	14.1	1.3	0.0	1.3	7.9
25	16.2	26.9	20.4	76.4	17.82	15.6	0.4	15.0	15.4	3.2
26	16.5	23.5	19.7	79.8	17.94	15.7	0.0	0.1	0.1	0.1
27	16.3	25.0	19.8	78.5	17.81	15.6	1.0	2.6	3.6	7.0
28	16.7	23.9	19.7	80.6	18.03	15.7	1.1	0.5	1.6	2.4
29	14.6	25.3	19.1	79.4	16.93	14.7	8.9	13.6	22.5	6.1
30	14.9	26.0	19.9	68.1	14.84	12.7	0.0	0.0	0.0	8.7
31	15.2	25.6	19.0	81.8	18.09	15.9	5.7	3.7	9.4	4.3
PROM.	15.7	24.7	19.4	80.0	17.67	15.4	96.0	136.8	232.8	140.4

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	16.0	23.9	19.4	82.0	18.19	16.0	1.1	2.5	3.6	3.2
2	16.2	24.3	18.8	84.2	18.15	15.9	3.5	4.7	8.2	5.0
3	15.0	23.4	19.0	77.2	16.51	14.3	0.0	0.0	0.0	0.6
4	14.7	24.7	18.9	80.8	17.65	15.5	3.4	1.7	5.1	7.6
5	15.3	25.3	19.2	78.3	16.85	14.6	0.9	0.0	0.9	4.7
6	13.8	26.3	19.7	75.7	16.81	14.7	0.0	2.8	2.8	9.4
7	14.6	25.8	19.6	76.9	16.78	14.6	0.4	0.0	0.4	7.5
8	15.4	25.3	19.8	79.2	17.89	15.6	8.6	0.0	8.6	1.8
9	15.7	23.8	19.6	79.2	18.04	15.8	2.7	1.2	3.9	3.4
10	15.6	23.2	18.7	81.6	17.39	15.2	4.7	0.0	4.7	2.8
11	14.7	23.4	18.6	82.4	17.42	15.3	1.7	2.9	4.6	1.7
12	16.0	23.1	18.3	85.1	17.96	15.8	27.3	4.6	31.9	2.6
13	15.7	22.8	18.8	85.2	18.41	16.2	0.7	17.2	17.9	5.2
14	16.0	24.2	19.4	75.2	16.45	14.3	7.3	0.0	7.3	4.0
15	15.4	23.5	19.0	79.3	17.10	15.0	0.0	0.5	0.5	4.6
16	15.2	22.8	17.9	91.7	18.77	16.5	17.4	3.4	20.8	0.0
17	15.0	22.6	18.5	83.0	17.34	15.2	0.1	0.0	0.1	1.2
18	16.3	21.7	18.2	85.9	17.84	15.7	1.9	6.5	8.4	0.4
19	15.4	22.4	18.5	84.8	17.78	15.6	0.5	3.3	3.8	3.0
20	15.2	24.7	19.3	79.9	17.40	15.2	1.8	0.0	1.8	3.9
21	15.5	26.2	21.8	64.1	15.69	13.6	0.0	0.1	0.1	10.7
22	17.0	27.0	20.2	78.5	18.47	16.1	6.7	22.6	29.3	7.4
23	15.2	23.7	18.8	79.4	16.85	14.7	0.2	7.3	7.5	2.0
24	16.2	22.6	18.2	83.9	17.49	15.3	4.7	17.5	22.2	1.3
25	14.6	21.0	17.7	79.8	15.92	13.9	0.0	0.0	0.0	0.7
26	14.9	22.8	18.1	84.2	17.39	15.3	1.0	1.8	2.8	4.9
27	14.8	25.5	18.6	76.6	15.91	13.7	0.7	8.1	8.8	8.6
28	14.7	24.0	18.6	75.6	15.66	13.6	0.2	0.0	0.2	6.9
29	15.4	24.2	19.0	79.1	17.10	15.0	1.5	0.2	1.7	5.5
30	12.4	22.3	17.2	83.8	16.16	14.1	4.8	0.2	5.0	4.7
PROM	15.3	23.9	18.9	80.4	17.25	15.1	103.8	109.1	212.9	125.3

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.988

ALTITUD: 1.570 LATITUD: 5-32 N. LONGITUD: 75-51 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	14.5	23.5	18.5	83.9	17.68	15.5	0.0	4.9	4.9	4.3
2	15.4	21.6	17.7	85.1	17.13	15.1	7.5	1.2	8.7	4.7
3	14.8	22.2	18.1	82.6	16.87	14.8	2.0	20.2	22.2	2.5
4	14.9	22.3	17.9	85.9	17.42	15.3	1.9	39.1	41.0	4.4
5	15.0	20.5	17.7	82.2	16.34	14.3	0.0	15.4	15.4	1.9
6	15.1	22.8	18.3	81.7	16.91	14.9	0.3	5.9	6.2	4.7
7	14.8	24.9	18.4	79.8	16.37	14.3	3.3	37.6	40.9	7.9
8	14.7	24.0	18.1	84.1	17.27	15.2	3.3	0.3	3.6	6.8
9	15.4	25.5	18.3	80.1	16.64	14.6	3.2	0.0	3.2	6.4
10	13.8	25.6	20.1	73.0	16.37	14.1	0.0	0.0	0.0	7.8
11	15.0	24.2	18.1	79.3	16.15	14.1	9.8	0.2	10.0	6.5
12	13.9	25.0	18.5	78.0	16.19	14.1	10.2	0.3	10.5	8.0
13	14.8	22.8	17.2	90.4	17.77	15.7	5.2	0.0	5.2	4.6
14	12.6	23.8	18.4	77.8	15.74	13.6	1.6	0.6	2.2	6.3
15	15.2	26.0	20.5	68.0	15.72	13.7	0.0	0.0	0.0	9.9
16	13.8	24.8	19.6	68.5	14.65	12.6	0.0	0.0	0.0	6.5
17	14.0	25.5	19.5	74.0	16.31	14.2	0.0	0.4	0.4	7.3
18	14.8	25.0	18.9	76.1	16.26	14.1	7.3	0.0	7.3	5.7
19	14.7	24.4	19.4	79.7	17.56	15.4	0.5	7.1	7.6	6.0
20	14.4	26.0	19.6	73.5	15.93	13.7	0.0	0.0	0.0	7.9
21	15.1	24.7	19.1	75.6	16.26	14.1	0.0	0.0	0.0	4.3
22	16.4	25.0	19.5	85.0	19.46	17.1	3.0	4.7	7.7	6.1
23	15.7	24.8	19.2	81.3	17.76	15.6	1.6	0.0	1.6	2.7
24	14.7	23.3	18.2	79.0	16.36	14.3	16.7	3.5	20.2	5.5
25	14.0	24.8	18.9	81.3	17.25	15.1	6.8	1.2	8.0	5.4
26	16.0	25.7	20.0	74.5	16.75	14.5	0.0	0.5	0.5	5.7
27	15.0	25.0	18.3	80.5	16.85	14.8	8.2	0.0	8.2	3.9
28	14.9	26.0	19.6	72.6	16.01	13.9	0.0	3.3	3.3	7.0
29	15.4	23.5	18.5	80.7	16.90	14.8	6.7	3.2	9.9	5.0
30	15.0	25.0	18.8	78.6	16.56	14.4	0.0	30.0	30.0	6.2
31	14.8	24.5	19.1	76.3	16.32	14.1	3.8	2.0	5.8	7.2
PROM.	14.8	24.3	18.8	79.0	16.70	14.6	102.9	181.6	284.5	179.1

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	15.7	25.2	19.5	79.5	17.50	15.3	5.7	2.9	8.6	4.9
2	15.2	24.2	19.0	81.4	17.59	15.4	6.1	3.8	9.9	2.9
3	15.4	24.6	19.9	76.1	16.90	14.7	0.1	9.7	9.8	5.0
4	15.5	24.2	19.5	80.4	17.73	15.6	0.3	10.5	10.8	5.1
5	15.3	25.0	19.5	77.1	16.84	14.6	0.6	0.0	0.6	6.7
6	15.0	23.4	18.7	80.6	16.97	14.9	6.8	0.0	6.8	3.1
7	14.6	24.2	19.2	81.7	17.59	15.3	10.8	9.4	20.2	7.1
8	16.0	21.2	18.3	86.6	18.03	15.6	11.2	0.0	11.2	0.0
9	13.8	24.8	18.1	82.5	16.72	14.7	0.8	2.7	3.5	4.8
10	15.0	23.4	18.8	81.7	17.44	15.3	0.9	26.5	27.4	2.4
11	15.2	22.2	17.8	82.8	16.52	14.4	0.8	0.0	0.8	0.9
12	14.0	22.0	17.7	90.2	18.04	15.8	8.8	4.3	13.1	3.4
13	14.8	24.2	18.8	90.3	19.56	17.1	0.0	0.0	0.0	5.9
14	15.6	22.0	16.6	90.2	17.13	15.1	8.0	0.5	8.5	2.8
15	14.7	24.0	18.4	83.3	17.28	15.2	4.8	4.7	9.5	5.2
16	14.6	23.6	18.8	81.3	17.19	15.1	1.9	0.0	1.9	3.0
17	15.2	22.0	18.8	79.1	16.58	14.3	0.2	0.0	0.2	4.5
18	15.4	26.0	19.2	73.9	15.85	13.7	0.2	0.3	0.5	3.0
19	14.8	23.2	18.2	83.9	17.34	15.2	0.6	52.0	52.6	
20	15.0	23.4	18.0	83.7	17.08	15.0	5.2	7.2	12.4	2.4
21	15.8	21.4	18.0	89.3	16.26	14.1	1.2	6.7	7.9	1.2
22	15.7	22.0	18.9	82.1	17.57	15.4	0.0	0.0	0.0	1.5
23	15.0	25.5	19.2	77.6	16.57	14.3	3.7	16.0	19.7	6.5
24	16.0	24.2	19.0	78.5	16.83	14.7	4.6	41.6	46.2	3.5
25	15.7	23.0	17.9	84.3	17.15	15.1	3.9	1.0	4.9	2.3
26	15.1	23.4	18.9	81.9	17.61	15.4	4.3	2.0	6.3	3.8
27	15.6	22.8	17.9	84.5	17.21	15.1	1.3	0.0	1.3	3.0
28	14.9	21.8	18.5	82.5	17.35	15.2	4.2	3.3	7.5	4.2
29	15.8	23.6	18.7	80.5	17.00	14.9	0.0	3.5	3.5	2.4
30	14.8	22.5	17.5	88.3	17.65	15.5	9.4	3.5	12.9	1.7
31	14.7	18.2	16.3	92.4	17.25	15.2	8.8	0.0	8.8	0.0
PROM	15.2	23.3	18.5	82.8	17.30	15.1	115.2	212.1	327.3	

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.988

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	12.5	24.6	18.5	72.3	14.74	12.7	0.0	1.3	1.3	4.2
2	15.4	26.4	19.4	76.5	16.55	14.2	2.1	5.3	7.4	0.0
3	15.6	22.4	18.3	87.6	18.39	16.2	8.0	3.4	11.4	2.7
4	15.4	24.6	18.6	74.9	15.59	13.5	0.0	4.9	4.9	6.6
5	15.0	22.2	17.1	87.4	17.08	15.0	5.4	0.2	5.6	2.8
6	14.8	25.5	18.5	76.9	15.92	13.8	5.8	2.9	8.7	1.9
7	15.8	22.0	17.8	80.5	16.17	14.0	1.1	0.0	1.1	0.0
8	13.8	24.0	18.3	79.1	16.14	14.1	5.7	0.0	5.7	6.6
9	15.8	24.2	18.0	79.2	16.09	14.0	3.7	6.1	9.8	1.6
10	15.5	21.8	17.7	80.5	16.02	13.9	0.0	0.0	0.0	0.1
11	14.8	23.0	17.8	84.2	17.07	15.0	1.4	3.3	4.7	
12	15.0	22.7	18.4	82.7	17.26	15.1	1.1	0.0	1.1	
13	15.3	22.0	17.6	81.8	16.33	14.3	1.3	34.0	35.3	
14	14.2	23.5	17.3	79.5	15.38	13.3	0.6	0.6	1.2	
15	14.0	25.0	19.2	74.6	15.83	13.7	0.1	0.0	0.1	
16	13.5	26.0	19.2	75.2	15.89	13.8	0.0	0.5	0.5	
17	15.4	24.4	18.8	81.3	17.41	15.3	10.9	8.1	19.0	
18	15.6	21.2	17.4	88.0	17.50	15.4	0.4	2.0	2.4	
19	15.2	20.4	17.8	89.7	16.09	15.9	1.4	4.1	5.5	
20	15.8	22.0	17.3	89.4	17.66	15.6	4.8	11.6	16.4	3.8
21	13.6	24.2	17.7	78.5	15.48	13.4	0.0	4.2	4.2	6.7
22	16.0	24.6	18.8	78.5	16.63	14.5	1.0	52.0	53.0	6.5
23	15.0	23.8	18.0	81.1	16.62	14.6	0.0	2.5	2.5	5.5
24	15.7	22.5	18.0	82.4	16.87	14.8	3.6	1.0	4.6	3.9
25	13.8	25.2	18.9	77.1	16.23	14.1	0.0	0.0	0.0	7.2
26	14.7	22.4	18.1	84.2	17.33	15.2	2.5	0.0	2.5	0.4
27	13.9	25.0	18.4	81.0	16.76	14.6	0.0	0.0	0.0	6.9
28	14.4	25.1	19.2	75.2	16.36	14.3	0.0	3.6	3.6	5.7
29	16.0	26.0	20.0	73.0	16.47	14.3	5.0	18.6	23.6	6.7
30	15.4	22.5	18.0	83.1	17.04	14.9	1.3	5.4	6.7	0.0
PROM.	14.9	23.6	18.3	80.5	16.56	14.5	67.2	175.6	242.8	

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.1	17.9	84.1	17.10	15.0	4.5	4.3	8.8	2.1
2	16.0	23.4	18.8	80.7	17.33	15.2	5.8	3.3	9.1	3.1
3	15.7	24.8	19.2	75.8	16.33	14.1	0.0	39.4	39.4	2.7
4	15.8	22.6	18.2	81.7	17.00	14.9	1.4	0.0	1.4	2.3
5	14.2	23.9	18.2	81.7	17.17	15.1	19.4	0.0	19.4	3.6
6	15.2	25.2	19.3	76.1	16.47	14.3	2.6	14.9	17.5	5.6
7	14.9	24.0	18.1	77.6	15.56	13.3	0.2	6.7	6.9	2.2
8	15.8	19.5	16.9	94.6	16.15	16.0	17.3	0.0	17.3	0.3
9	14.7	23.6	18.3	79.8	16.29	14.1	0.0	0.0	0.0	3.7
10	14.6	26.0	20.0	75.5	16.82	14.5	0.2	0.0	0.2	6.6
11	15.4	22.9	18.2	83.0	17.11	15.0	1.2	12.0	13.2	0.3
12	16.2	21.8	18.8	82.8	17.74	15.6	8.5	16.2	24.7	1.0
13	14.9	21.6	17.9	82.5	16.58	14.4	1.2	10.9	12.1	0.9
14	14.8	21.7	17.9	84.2	17.09	15.0	1.2	2.1	3.3	1.5
15	15.6	22.6	18.2	79.9	16.50	14.4	0.5	1.3	1.8	0.6
16	14.8	23.8	18.7	78.2	16.33	14.2	2.4	0.2	2.6	5.8
17	15.9	25.8	18.7	76.5	15.95	13.6	14.7	12.5	27.2	5.3
18	15.6	24.8	19.0	81.4	17.63	15.4	0.7	0.7	1.4	3.4
19	13.5	24.0	19.0	75.4	16.02	13.9	0.0	1.0	1.0	6.5
20	13.7	25.0	18.8	74.0	15.41	13.3	0.0	0.0	0.0	9.8
21	14.8	26.0	19.9	70.0	15.54	13.4	0.0	9.0	9.0	2.6
22	14.8	22.6	18.6	82.8	17.53	15.4	0.0	0.0	0.0	1.0
23	15.0	26.2	19.5	73.2	16.01	13.8	0.0	0.0	0.0	9.7
24	15.8	23.8	18.7	79.6	17.05	14.9	20.7	1.4	22.1	2.9
25	15.4	24.0	18.4	80.1	16.72	14.6	0.9	17.3	18.2	1.4
26	13.7	24.4	17.4	75.4	14.67	12.6	0.4	0.0	0.4	6.5
27	14.0	25.4	19.6	75.0	16.54	14.3	0.0	3.6	3.6	6.0
28	15.8	23.2	18.6	80.8	17.04	14.9	0.8	0.0	0.8	1.3
29	14.7	24.2	18.5	77.5	16.15	14.1	0.5	0.0	0.5	5.0
30	14.5	22.5	17.1	92.6	16.15	16.0	12.2	0.0	12.2	3.4
31	14.6	25.3	19.7	76.5	17.04	14.9	0.2	0.0	0.2	5.3
PROM	15.0	23.8	18.6	79.6	16.68	14.5	117.5	156.8	274.3	112.4

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.988

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	16.2	24.6	19.2	76.5	16.75	14.6	0.0	9.8	9.8	3.3
2	16.1	22.5	18.4	82.9	17.39	15.3	0.4	33.7	34.1	
3	15.2	23.2	18.5	77.7	16.02	13.8	0.0	0.0	0.0	0.0
4	14.8	24.6	18.6	76.3	15.81	13.7	0.0	0.0	0.0	
5	14.2	24.8	18.2	76.6	15.44	13.3	2.2	0.4	2.6	5.7
6	14.5	24.2	18.7	76.6	15.97	13.9	0.0	0.0	0.0	4.9
7	15.0	23.0	19.0	78.7	16.82	14.7	0.0	12.7	12.7	2.5
8	14.7	23.1	18.2	76.4	15.38	13.2	0.2	4.4	4.6	5.2
9	14.8	23.3	17.8	78.0	15.69	13.7	0.8	33.8	34.6	3.8
10	14.6	23.6	17.8	80.4	15.99	13.9	17.2	5.9	23.1	2.5
11	15.8	21.4	17.7	83.8	16.84	14.8	0.4	0.0	0.4	0.5
12	14.8	24.8	19.5	76.6	16.78	14.6	0.0	4.4	4.4	7.4
13	16.8	20.8	18.0	85.6	17.64	15.5	5.6	0.0	5.6	0.7
14	15.8	21.6	18.3	83.1	17.24	15.1	0.9	3.8	4.7	0.5
15	15.2	22.6	17.5	82.5	16.54	14.5	14.7	22.0	36.7	1.8
16	14.5	22.4	18.0	80.5	16.36	14.2	10.6	8.3	18.9	1.9
17	15.3	23.4	18.2	78.3	16.14	14.1	0.0	0.7	0.7	5.4
18	15.4	25.3	18.7	81.4	17.48	15.4	0.0	0.0	0.0	0.4
19	15.0	25.4	19.2	79.5	17.51	15.4	0.0	0.0	0.0	6.5
20	14.8	23.6	18.6	76.9	16.17	14.0	0.0	5.7	5.7	7.2
21	15.4	24.7	19.1	80.0	17.38	15.2	1.2	11.9	13.1	4.6
22	16.5	23.2	18.1	81.0	16.85	14.8	0.2	0.0	0.2	4.6
23	15.0	24.4	18.6	80.5	16.87	14.7	2.8	14.8	17.6	5.7
24	16.6	24.8	18.7	80.7	17.33	15.2	1.6	5.2	6.8	3.3
25	16.4	23.2	19.1	81.1	17.78	15.6	0.0	0.0	0.0	4.9
26	15.5	23.0	18.5	82.6	17.33	15.2	0.8	0.0	0.8	4.6
27	15.0	24.2	19.0	79.0	16.93	14.8	0.0	23.9	23.9	6.6
28	16.4	25.5	19.3	78.0	17.05	14.9	0.0	8.7	8.7	3.7
29	14.4	25.0	18.5	77.8	16.09	14.0	0.1	2.9	3.0	3.8
30	15.8	23.6	18.8	83.0	17.86	15.7	9.8	0.0	9.8	5.2
PROM.	15.4	23.7	18.5	79.7	16.72	14.6	69.5	213.0	282.5	

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	16.2	23.2	18.3	83.0	17.41	15.3	0.0	0.2	0.2	1.7
2	16.0	22.0	17.9	81.7	16.69	14.6	15.5	2.2	17.7	0.7
3	15.4	21.0	17.8	83.3	16.88	14.8	1.6	0.6	2.2	1.3
4	14.8	23.0	17.9	83.3	16.73	14.6	2.3	10.4	12.7	2.3
5	15.2	21.4	17.5	83.1	16.59	14.6	0.0	0.0	0.0	0.4
6	14.0	24.2	18.4	79.4	16.32	14.2	1.7	2.6	4.5	3.8
7	16.0	22.5	18.3	83.0	17.34	15.2	1.1	10.0	11.1	2.0
8	14.9	20.8	16.6	92.0	17.49	15.4	1.1	0.6	1.7	6.1
9	14.4	24.2	18.4	78.4	16.10	14.0	0.0	14.7	14.7	
10	13.8	24.6	18.5	76.9	15.68	13.5	0.0	0.0	0.0	6.4
11	15.4	25.4	19.5	78.3	17.24	15.1	0.0	0.0	0.0	9.3
12	14.8	25.5	19.5	76.3	16.64	14.5	0.0	3.3	3.3	7.1
13	16.0	23.8	19.2	80.1	17.69	15.6	0.0	6.9	6.9	1.0
14	15.5	23.0	18.0	78.8	16.05	13.9	0.0	0.5	0.5	1.8
15	16.0	25.0	19.6	79.1	17.69	15.6	0.0	0.0	0.0	7.1
16	15.9	26.0	19.3	72.2	15.69	13.6	0.0	8.1	8.1	8.4
17	16.1	24.0	19.0	78.5	16.94	14.8	0.2	0.0	0.2	4.7
18	16.0	23.5	18.6	75.5	15.83	13.6	0.0	0.0	0.0	6.2
19	16.2	22.8	18.3	77.5	16.15	14.0	1.1	0.0	1.1	1.1
20	14.9	25.8	18.8	75.5	15.96	13.9	0.0	0.0	0.0	8.0
21	14.8	23.0	17.9	78.7	16.01	13.9	0.0	0.0	0.0	3.6
22	14.6	20.5	17.3	86.1	16.97	14.9	1.1	0.0	1.1	0.0
23	13.0	24.6	18.6	72.7	14.66	12.4	0.0	5.0	5.0	4.5
24	15.0	21.4	17.5	82.6	16.57	14.5	0.0	0.0	0.0	0.6
25	14.8	24.2	18.2	79.1	16.32	14.2	1.6	2.2	3.8	3.3
26	15.4	22.4	18.1	80.2	16.48	14.4	0.0	0.0	0.0	0.9
27	15.0	21.8	18.1	83.1	17.14	15.0	9.2	0.0	9.2	0.9
28	14.0	23.0	18.4	77.8	16.06	14.0	1.0	7.3	8.3	2.4
29	15.6	22.4	18.1	82.1	16.76	14.6	0.2	0.3	0.5	0.2
30	16.5	22.6	18.5	81.5	17.22	15.1	2.6	0.1	2.7	0.3
31	16.0	21.4	17.7	89.3	16.28	16.1	1.0	1.8	2.8	1.0
PROM	15.2	23.2	18.3	80.3	16.63	14.5	41.3	77.0	118.3	

ESTACION: MIGUEL VALENCIA MUNICIPIO: JARDIN AÑO: 1.988

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	15.5	25.9	19.7	13.5	27.8	75.3	16.69	14.5	59.3	17	191.6
FEBRERO	15.5	25.5	20.0	13.0	28.8	75.2	16.89	14.7	132.1	17	138.4
MARZO	15.1	26.7	20.3	13.4	30.0	69.8	15.73	13.6	78.7	9	
ABRIL	16.3	24.7	19.9	14.4	27.4	77.7	17.62	15.4	276.3	26	
MAYO	15.7	24.7	19.4	14.0	27.4	80.0	17.63	15.4	232.8	29	140.4
JUNIO	15.3	23.9	18.9	12.4	27.0	80.4	17.25	15.1	212.9	28	125.3
JULIO	14.8	24.3	18.8	12.6	26.0	79.0	16.70	14.6	284.5	26	179.1
AGOSTO	15.2	23.3	18.5	13.8	26.0	82.8	17.30	15.1	327.3	29	
SEPTIEMBRE	14.9	23.6	18.3	12.5	26.4	80.5	16.56	14.5	242.8	27	
OCTUBRE	15.0	23.8	18.6	13.5	26.2	79.6	16.68	14.5	274.3	27	112.4
NOVIEMBRE	15.4	23.7	18.5	14.2	25.5	79.7	16.72	14.6	282.5	24	
DICIEMBRE	15.2	23.2	18.3	13.0	26.0	80.3	16.63	14.5	118.3	22	
PROMEDIO	15.3	24.4	19.1	13.4	27.0	78.4	16.87	14.7			
TOTAL									2521.8	281	

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.988

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	9.8	26.8	18.8	77.5	15.79	13.5	0.9	11.8	12.7	
2	12.5	26.5	20.0	76.7	17.11	15.0	0.0	0.0	0.0	
3	12.3	27.5	19.3	78.2	17.01	14.8	0.0	0.0	0.0	
4	13.5	27.4	19.8	75.8	16.67	14.6	0.0	0.0	0.0	
5	13.0	27.0	20.4	76.9	17.78	15.6	0.0	0.0	0.0	
6	14.0	27.5	19.3	81.6	18.01	15.8	1.1	0.0	1.1	
7	12.8	27.2	19.7	77.5	17.18	15.1	0.0	0.0	0.0	
8	13.4	27.4	20.1	79.0	18.03	15.8	0.0	0.0	0.0	
9	15.0	27.0	20.7	77.9	18.49	16.3	0.0	0.0	0.0	
10	13.5	27.2	18.9	73.6	15.18	13.1	0.0	0.0	0.0	
11	12.0	26.6	19.7	72.7	15.52	13.4	0.0	0.0	0.0	
12	12.5	26.4	18.7	74.9	15.44	13.4	0.0	0.0	0.0	
13	12.0	26.0	19.9	73.3	16.29	14.2	0.0	0.0	0.0	
14	13.5	27.0	19.7	75.0	16.32	14.2	0.0	0.0	0.0	
15	13.5	27.2	20.7	70.8	16.27	14.2	0.0	0.0	0.0	
16	16.0	25.5	19.7	80.4	18.29	16.1	0.0	1.1	1.1	
17	15.5	26.5	19.4	76.7	16.98	14.9	0.0	0.0	0.0	
18	15.0	25.0	19.4	77.7	17.24	15.2	0.0	0.0	0.0	
19	14.5	28.0	20.2	72.1	16.33	14.3	0.0	0.0	0.0	
20	14.0	27.2	18.2	78.6	16.12	14.1	0.3	0.0	0.3	
21	11.5	26.3	18.3	76.3	15.35	13.4	0.0	0.2	0.2	
22	12.5	27.5	20.0	70.1	15.25	13.2	0.0	0.0	0.0	
23	14.0	28.5	20.7	71.0	16.04	14.0	0.0	0.0	0.0	
24	12.5	28.4	20.5	66.8	14.58	12.5	0.0	0.0	0.0	
25	14.5	27.5	19.5	75.5	16.56	14.5	0.0	0.0	0.0	
26	12.0	26.0	18.2	78.4	16.02	14.0	0.0	0.0	0.0	
27	11.0	26.4	19.6	73.6	15.66	13.5	0.2	3.6	3.8	
28	15.0	26.5	20.1	77.8	17.60	15.4	0.0	0.0	0.0	
29	15.5	26.5	20.1	73.0	16.35	14.2	0.0	0.0	0.0	
30	13.5	27.0	19.8	73.7	15.79	13.5	0.0	0.0	0.0	
31	10.0	28.0	19.9	67.6	13.81	11.2	0.2	0.0	0.2	
PROM.	13.2	27.0	19.7	75.2	16.43	14.3	2.7	16.7	19.4	

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	10.0	28.6	20.3	70.6	15.31	13.1	0.0	0.0	0.0	
2	11.8	28.5	19.7	75.2	16.17	14.1	0.0	1.1	1.1	
3	14.0	27.5	20.6	80.1	18.99	16.6	0.0	0.4	0.4	
4	15.8	24.0	19.0	84.8	18.48	16.3	2.9	0.3	3.2	
5	16.0	23.8	18.5	85.8	18.14	15.9	0.0	0.0	0.0	
6	12.5	27.4	19.1	76.6	15.83	13.6	1.2	0.4	1.6	
7	16.0	26.4	20.0	83.8	19.48	17.1	1.6	0.1	1.7	
8	14.4	27.5	20.7	77.6	18.09	15.8	0.0	18.5	18.5	
9	13.5	27.0	17.7	84.5	17.48	15.3	69.2	0.0	69.2	
10	10.5	27.6	18.8	74.2	15.14	13.1	0.0	0.4	0.4	
11	15.0	25.5	19.8	75.0	16.77	14.7	0.0	0.2	0.2	
12	12.8	26.5	19.8	75.7	16.86	14.8	0.0	0.0	0.0	
13	16.0	24.5	18.9	83.7	18.44	16.2	3.9	0.5	4.4	
14	13.5	26.8	19.6	75.8	16.30	14.2	2.3	0.0	2.3	
15	12.0	27.0	18.1	79.8	16.00	13.9	0.0	0.0	0.0	
16	12.6	27.5	19.8	81.4	18.09	15.7	0.0	0.0	0.0	
17	12.8	27.0	19.1	75.8	15.89	13.8	0.0	0.0	0.0	
18	12.4	28.2	20.6	74.1	16.74	14.5	1.6	3.3	4.9	
19	14.0	26.6	20.1	77.4	17.52	15.4	0.0	0.0	0.0	
20	10.0	29.2	20.3	67.1	14.70	12.2	0.0	0.0	0.0	
21	9.0	27.4	18.6	78.7	15.88	13.6	0.9	0.0	0.9	
22	13.8	26.8	19.9	79.3	17.80	15.6	0.2	0.5	0.7	
23	14.0	28.0	19.8	77.7	17.39	15.3	0.0	0.0	0.0	
24	16.2	26.4	20.8	77.1	18.42	16.2	0.0	0.0	0.0	
25	13.5	27.5	20.1	77.4	17.57	15.4	0.0	0.0	0.0	
26	16.4	22.0	18.3	87.0	18.28	16.1	0.0	0.0	0.0	
27	15.0	21.8	17.9	84.7	17.22	15.2	0.0	0.0	0.0	
28	14.9	25.4	19.2	77.0	16.86	14.8	0.0	0.0	0.0	
29	12.5	27.2	20.0	72.9	16.90	14.8	0.0	4.6	4.6	
PROM	13.5	26.5	19.5	78.3	17.13	14.9	83.8	30.3	114.1	

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.968

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

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	26.2	19.5	76.7	17.12	15.1	0.0	0.0	0.0	
2	14.8	26.5	20.0	76.1	17.22	15.1	0.0	0.0	0.0	
3	15.7	27.5	20.3	75.4	17.29	15.1	0.0	0.0	0.0	
4	10.5	28.4	19.8	72.3	15.62	13.5	0.0	0.0	0.0	
5	10.8	27.5	17.4	72.9	13.69	11.6	0.0	0.0	0.0	
6	10.0	26.8	20.6	73.5	17.03	14.8	0.0	0.0	0.0	
7	9.4	28.5	19.0	71.9	14.61	12.5	0.0	0.0	0.0	
8	12.4	28.5	20.1	74.9	16.86	14.8	0.0	0.0	0.0	
9	13.5	27.2	19.3	76.6	16.71	14.7	0.0	0.0	0.0	
10	13.6	27.0	19.5	72.9	15.91	13.9	0.0	0.0	0.0	
11	11.3	28.5	19.9	64.9	13.33	11.1	0.0	0.0	0.0	
12	10.2	28.0	20.2	72.7	16.13	14.1	0.0	0.0	0.0	
13	12.3	26.8	18.6	78.6	16.40	14.3	0.0	0.0	0.0	
14	11.4	27.0	18.0	78.1	15.63	13.6	4.5	0.0	4.5	
15	12.8	27.0	18.9	76.3	15.90	13.8	1.5	8.7	10.2	
16	10.0	27.2	19.0	74.2	15.30	13.2	0.2	0.0	0.2	
17	12.9	27.5	18.9	77.7	16.23	14.1	1.8	0.0	1.8	
18	11.0	29.2	21.0	58.9	12.91	10.8	0.1	0.0	0.1	
19	13.2	30.5	23.0	43.9	12.10	9.8	0.0	0.0	0.0	
20	10.0	29.4	19.4	65.6	13.56	11.5	0.0	0.0	0.0	
21	10.6	29.5	21.0	66.2	14.72	12.7	0.0	0.0	0.0	
22	10.0	30.2	20.3	66.8	13.82	11.3	0.1	0.0	0.1	
23	11.5	30.0	21.6	63.9	14.16	11.7	0.0	0.0	0.0	
24	12.4	29.2	20.7	58.9	13.58	11.1	0.0	0.0	0.0	
25	11.3	30.4	21.3	62.9	14.22	12.0	0.0	0.0	0.0	
26	11.5	27.0	20.4	71.2	15.60	13.3	0.0	0.0	0.0	
27	10.1	28.5	20.3	68.7	14.58	12.1	0.0	0.0	0.0	
28	15.4	28.0	19.3	77.2	16.79	14.7	3.3	0.0	3.3	
29	14.0	27.5	20.2	73.9	16.67	14.6	0.0	10.8	10.8	
30	14.8	28.6	19.5	77.5	16.99	14.9	3.9	5.8	9.7	
31	15.1	26.4	18.7	88.4	15.03	16.7	8.7	6.9	15.6	
PROM.	12.2	28.1	19.9	71.3	15.47	13.3	24.1	32.2	56.3	

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	27.8	22.5	76.6	19.72	17.0	0.0	0.0	0.0	
2	15.7	26.2	19.1	83.5	18.66	16.4	2.9	0.2	3.1	
3	15.4	27.2	19.9	78.5	17.60	15.3	2.5	6.1	8.6	
4	15.6	26.0	20.2	82.5	19.28	16.9	2.3	3.1	5.4	
5	16.2	28.6	21.9	76.7	19.59	17.2	0.0	2.5	2.5	
6	15.7	23.2	18.9	83.3	18.08	15.9	0.0	0.0	0.0	
7	15.3	24.9	17.9	95.0	19.38	17.0	4.9	1.7	6.6	
8	14.9	24.1	19.8	81.2	18.22	16.0	0.0	20.6	20.6	
9	15.8	23.0	19.0	88.6	19.56	17.1	6.4	8.0	14.4	
10	15.7	26.8	20.0	81.1	18.76	16.5	3.9	24.1	28.0	
11	15.2	25.4	19.0	84.4	18.58	16.4	1.7	0.2	1.9	
12	15.3	26.4	19.4	81.9	18.08	15.9	0.0	5.2	5.2	
13	15.7	25.3	18.7	84.2	18.23	16.0	10.0	0.1	10.1	
14	12.8	28.0	20.4	74.8	16.92	14.8	0.0	0.0	0.0	
15	16.0	26.3	20.8	79.2	19.13	16.8	0.0	0.0	0.0	
16	14.4	27.2	20.0	80.0	18.75	16.5	1.4	0.3	1.7	
17	12.8	27.4	19.9	80.7	18.37	16.1	0.0	0.2	0.2	
18	15.7	27.5	20.3	75.7	17.35	15.2	0.0	0.0	0.0	
19	15.9	27.4	21.5	76.5	19.06	16.7	0.1	0.6	0.7	
20	15.8	28.5	20.8	75.0	18.04	15.9	0.0	2.1	2.1	
21	14.0	27.9	20.6	74.4	17.24	15.2	0.0	0.0	0.0	
22	14.7	27.0	18.8	81.0	17.66	15.6	2.1	0.0	2.1	
23	14.5	24.9	20.0	76.6	17.87	15.7	0.0	0.1	0.1	
24	15.7	28.5	20.9	77.5	18.75	16.5	0.0	14.9	14.9	
25	14.7	27.2	20.2	78.6	17.87	15.6	0.7	0.9	1.6	
26	15.2	27.5	20.3	76.4	17.67	15.3	12.6	20.3	32.9	
27	14.0	26.0	20.2	77.4	17.53	15.4	0.0	0.0	0.0	
28	15.0	26.4	19.6	81.6	18.76	16.5	0.0	0.0	0.0	
29	14.8	29.8	20.7	80.4	19.38	17.0	6.5	24.2	30.7	
30	13.6	26.4	18.6	83.4	17.93	15.8	0.8	0.0	0.8	
PROM	15.1	26.0	20.0	80.2	18.40	16.1	58.8	135.4	194.2	

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE C. AÑO: 1.968

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.7	23.0	17.8	83.1	17.02	14.9	0.0	1.1	1.1	4.2
2	15.2	22.1	18.0	90.6	18.49	16.2	3.5	0.0	3.5	
3	15.4	23.2	18.9	83.8	17.94	15.7	1.3	0.3	1.6	1.9
4	16.2	20.4	18.1	92.0	18.96	16.7	8.3	0.0	8.3	0.8
5	14.0	23.8	19.6	83.5	19.09	16.6	0.0	5.2	5.2	4.4
6	15.8	23.8	18.6	84.8	18.48	16.2	0.3	0.0	0.3	2.5
7	15.0	24.0	19.6	79.8	17.96	15.8	0.0	0.0	0.0	5.4
8	15.0	25.6	19.9	81.0	18.98	16.6	18.6	13.2	31.8	3.8
9	15.8	25.2	20.7	84.3	20.36	17.8	0.0	0.3	0.3	3.9
10	16.8	23.4	20.2	86.8	20.28	17.7	1.5	0.0	1.5	0.6
11	15.0	21.6	18.9	87.7	19.27	16.7	1.2	0.0	1.2	2.8
12	16.4	24.0	19.5	89.7	20.32	17.8	0.8	0.0	0.8	2.6
13	16.6	25.0	18.7	87.8	19.27	16.5	4.6	3.9	8.5	2.4
14	15.0	23.4	18.4	86.9	18.48	16.2	0.0	0.0	0.0	1.7
15	14.5	25.5	19.6	83.9	19.16	16.7	0.0	0.4	0.4	3.1
16	13.8	26.5	21.5	82.0	20.80	18.0	0.0	0.0	0.0	7.9
17	16.8	25.3	20.1	86.8	20.49	17.8	0.2	16.8	17.0	1.3
18	16.0	24.4	19.9	85.6	19.44	17.0	0.7	0.0	0.7	3.6
19	16.2	25.0	18.6	87.5	19.30	16.5	13.5	1.4	14.9	2.1
20	16.4	24.0	19.4	85.8	18.97	16.7	0.0	0.0	0.0	2.2
21	15.5	24.4	20.1	79.1	18.51	16.2	0.2	0.0	0.2	3.7
22	16.6	27.0	21.6	83.1	21.17	18.3	4.1	0.0	4.1	5.9
23	17.4	24.8	20.1	87.5	20.72	18.0	0.0	0.0	0.0	1.3
24	16.0	27.3	21.5	73.5	18.77	16.5	1.0	0.0	1.0	6.0
25	17.8	24.3	20.5	88.0	21.46	18.6	6.9	0.5	7.4	0.7
26	16.6	24.0	19.3	84.3	19.32	16.5	47.0	0.0	47.0	1.0
27	16.0	24.2	19.7	83.2	19.27	16.5	0.4	1.6	2.0	3.1
28	16.4	23.4	19.2	89.5	19.83	17.4	6.7	0.0	6.7	1.7
29	16.2	25.7	19.4	80.3	18.58	16.3	4.8	11.2	16.0	4.3
30	14.6	24.5	19.4	77.9	17.23	15.1	0.0	0.0	0.0	2.8
31	15.3	23.0	19.1	86.2	19.10	16.8	0.3	1.7	2.0	1.8
PROM.	15.8	24.3	19.5	84.7	19.26	16.8	125.9	57.6	183.5	

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.8	20.0	83.1	19.18	16.5	0.5	0.4	0.9	3.6
2	15.3	24.7	19.7	81.5	18.93	16.6	0.2	3.5	3.7	1.2
3	15.7	23.5	19.8	80.0	18.04	15.7	0.0	0.0	0.0	1.2
4	15.0	26.0	20.0	73.1	17.11	14.5	0.1	0.0	0.1	5.4
5	16.3	27.2	22.0	76.2	19.56	17.0	0.3	0.0	0.3	7.0
6	16.0	25.7	20.9	78.8	19.44	17.0	0.0	0.0	0.0	6.1
7	16.0	26.8	20.9	70.4	17.50	15.4	0.0	0.0	0.0	6.6
8	16.4	24.2	20.1	85.3	20.03	17.5	0.0	0.0	0.0	2.2
9	16.8	24.4	19.3	88.0	20.03	17.5	1.6	0.5	2.1	0.0
10	16.6	25.8	19.5	84.4	19.56	17.1	41.5	0.0	41.5	2.4
11	17.0	23.3	18.3	87.5	18.66	16.4	37.0	3.5	40.5	2.0
12	15.4	22.6	17.8	89.5	18.07	15.5	0.9	0.9	1.8	1.0
13	15.7	24.2	19.6	83.3	18.61	16.3	0.6	3.1	3.7	1.8
14	16.2	24.5	18.8	86.8	19.08	16.7	0.6	0.0	0.6	3.1
15	15.6	25.3	19.6	79.9	18.48	16.1	1.3	0.0	1.3	6.7
16	16.0	21.4	17.6	91.9	18.58	16.3	3.4	11.6	15.0	0.9
17	14.9	21.8	18.2	81.5	16.95	14.9	0.0	0.0	0.0	1.3
18	15.8	21.5	17.7	84.7	17.45	15.4	13.4	1.6	15.0	0.0
19	15.2	22.0	17.9	88.9	18.45	16.2	2.3	0.1	2.4	1.4
20	14.5	25.0	20.1	79.8	18.63	16.3	0.0	0.0	0.0	5.9
21	16.2	26.5	20.6	78.1	18.64	16.4	0.5	0.1	0.6	7.2
22	16.4	26.8	20.7	73.6	18.10	15.9	0.0	27.8	27.8	6.3
23	14.9	24.4	19.3	80.0	17.66	15.5	0.0	2.2	2.2	2.7
24	16.3	22.5	17.5	92.8	18.78	16.5	12.3	27.5	39.8	1.1
25	15.1	21.0	18.0	83.9	17.09	15.0	1.2	0.0	1.2	0.6
26	14.7	23.1	18.4	78.5	16.58	14.5	0.9	0.0	0.9	2.2
27	14.7	25.0	20.3	78.0	18.33	16.1	0.0	9.5	9.5	6.1
28	15.0	25.4	19.3	72.4	15.83	13.8	1.0	0.0	1.0	6.1
29	15.4	25.3	19.4	78.5	17.76	15.6	0.5	0.0	0.5	5.9
30	14.8	22.8	18.3	87.8	18.62	16.3	2.6	0.0	2.6	4.3
PROM	15.7	24.3	19.3	81.9	18.33	16.1	122.7	92.3	215.0	102.3

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.968

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.8	24.4	18.9	84.5	18.25	16.0	0.0	1.8	1.8	
2	15.4	21.4	16.7	94.5	18.07	15.9	8.0	0.0	8.0	
3	14.8	24.0	18.0	83.6	17.48	15.4	13.4	0.0	13.4	
4	11.0	24.0	16.7	84.0	15.83	13.8	6.9	0.6	7.5	
5	13.8	22.4	17.6	86.1	17.35	15.3	2.7	5.9	8.6	
6	13.4	24.8	17.0	87.8	16.97	14.9	12.2	4.3	16.5	
7	13.7	25.4	18.1	85.1	17.87	15.8	4.2	0.0	4.2	
8	12.9	24.9	17.5	84.1	16.83	14.8	11.8	0.0	11.8	
9	12.0	26.0	17.7	79.4	15.55	13.4	0.0	0.0	0.0	
10	10.8	25.8	18.3	79.2	15.94	13.8	0.2	0.7	0.9	
11	13.4	24.0	17.7	86.1	17.35	15.3	1.5	0.0	1.5	
12	13.6	23.5	18.4	81.1	16.94	14.9	0.6	0.0	0.6	
13	13.7	26.0	17.9	78.4	15.45	13.4	0.0	0.0	0.0	
14	12.5	26.4	20.3	53.1	12.66	10.4	0.0	0.0	0.0	9.7
15	9.0	27.0	18.9	65.8	13.13	11.0	1.6	0.0	1.6	7.1
16	11.0	27.8	16.6	86.3	16.72	14.5	1.8	7.1	8.9	5.5
17	12.5	26.8	18.8	79.6	16.55	14.4	1.0	0.0	1.0	6.9
18	13.0	26.5	18.0	82.5	16.83	14.8	4.6	0.0	4.6	3.6
19	13.5	24.4	18.3	88.5	18.64	16.4	2.3	0.0	2.3	4.6
20	11.5	25.2	17.4	86.0	17.01	14.8	0.7	0.0	0.7	
21	12.0	25.4	18.8	83.8	17.86	15.6	0.0	0.0	0.0	6.4
22	11.5	25.0	18.1	84.9	17.29	15.1	3.5	0.1	3.6	5.3
23	15.0	22.5	17.0	89.0	17.58	15.5	1.1	0.0	1.1	1.9
24	11.0	24.5	17.7	83.4	16.67	14.6	4.5	0.0	4.5	2.5
25	10.0	27.0	18.3	82.8	16.92	14.7	4.4	7.5	11.9	8.3
26	15.0	25.5	17.4	89.4	18.26	16.0	10.7	0.0	10.7	4.5
27	14.0	25.8	18.3	84.6	17.65	15.5	1.5	6.3	7.8	3.9
28	11.5	27.5	19.0	82.3	17.96	15.6	0.0	0.0	0.0	6.6
29	11.5	27.0	17.0	86.0	16.51	14.4	11.7	4.4	16.1	6.0
30	13.0	23.2	17.0	93.4	18.62	16.3	14.0	0.0	14.0	0.8
31	13.0	26.5	19.0	83.1	18.13	16.0	6.3	0.2	6.5	6.8
PROM.	12.7	25.2	17.9	83.2	16.93	14.8	131.2	38.9	170.1	

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	27.5	19.1	82.5	18.21	16.0	1.5	9.3	10.8	6.1
2	14.0	24.5	18.7	89.9	19.58	17.1	1.0	11.6	12.6	2.4
3	14.5	26.8	18.4	84.2	17.97	15.8	0.5	26.0	26.5	5.2
4	15.0	26.6	18.4	81.0	17.11	15.1	5.9	0.1	6.0	4.5
5	14.0	26.8	19.9	84.0	19.16	16.8	0.1	0.0	0.1	4.7
6	12.5	27.4	18.9	75.9	16.20	14.1	0.3	0.1	0.4	6.0
7	11.0	26.2	19.2	75.5	16.13	14.0	0.0	0.0	0.0	5.3
8	13.0	23.5	17.9	86.9	17.77	15.6	11.3	0.0	11.3	1.4
9	14.0	26.4	18.7	81.8	17.24	15.1	0.9	1.3	2.2	3.4
10	14.3	26.6	19.8	76.0	16.54	14.3	0.0	0.9	0.9	5.9
11	14.5	23.7	17.9	87.2	18.16	16.0	5.5	8.7	14.2	1.7
12	14.0	25.5	16.8	94.5	18.20	16.0	7.2	0.4	7.6	3.9
13	11.0	24.8	17.0	84.7	16.45	14.4	3.1	0.0	3.1	4.5
14	11.0	26.8	17.8	82.5	16.83	14.8	19.7	0.0	19.7	5.7
15	11.4	23.5	16.5	90.4	17.19	15.0	14.2	0.1	14.3	
16	13.0	25.5	16.9	96.7	18.81	16.4	2.5	0.3	2.8	4.0
17	15.5	23.5	18.4	85.5	18.11	15.9	0.3	0.0	0.3	1.5
18	15.0	26.2	19.6	80.4	18.26	16.0	0.4	10.2	10.6	6.3
19	11.8	24.0	17.5	93.4	18.63	16.4	0.7	3.0	3.7	4.7
20	13.5	24.2	17.8	83.3	16.85	14.8	1.1	6.6	7.7	2.8
21	14.0	23.2	18.3	85.9	18.23	16.0	0.3	0.3	0.6	3.5
22	14.5	24.0	18.0	85.8	17.70	15.6	7.6	0.0	7.6	2.7
23	13.0	26.2	18.2	82.2	17.03	15.0	30.6	0.3	30.9	5.9
24	13.0	25.5	19.0	84.8	18.44	16.1	0.3	3.6	3.9	4.9
25	15.5	24.8	17.9	89.2	18.61	16.3	2.9	0.0	2.9	3.7
26	15.0	24.5	17.8	91.1	18.57	16.3	2.5	4.1	6.6	3.2
27	16.0	22.4	17.1	95.2	18.67	16.4	1.8	0.0	1.8	0.6
28	13.0	24.5	18.4	85.4	17.97	15.8	4.0	0.0	4.0	2.6
29	12.0	25.5	16.8	91.9	17.89	15.6	2.3	13.5	15.8	6.5
30	14.3	24.2	16.7	91.5	17.74	15.6	18.0	6.0	24.0	2.5
31	14.6	23.0	16.8	92.1	17.75	15.6	3.2	0.0	3.2	0.5
PROM	13.6	25.1	18.1	86.2	17.81	15.6	149.7	106.4	256.1	

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.988

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	24.5	15.8	92.0	16.95	14.9	0.9	0.0	0.9	1.6
2	11.5	26.0	17.4	88.2	17.44	15.2	4.9	3.2	8.1	5.8
3	15.0	25.0	17.9	84.1	17.70	15.6	7.9	0.0	7.9	2.6
4	12.5	26.0	17.9	85.8	17.85	15.6	0.3	0.0	0.3	5.8
5	12.0	25.5	19.3	84.2	18.73	16.4	24.3	0.7	25.0	4.2
6	15.0	28.0	18.9	82.2	18.27	16.1	2.5	0.0	2.5	6.8
7	13.0	25.8	18.6	82.7	17.45	15.3	0.0	0.0	0.0	2.0
8	15.0	24.0	18.1	95.6	20.67	17.9	8.2	2.9	11.1	2.6
9	15.5	25.5	18.7	85.9	18.86	16.6	3.2	13.9	17.1	4.2
10	15.4	24.5	18.6	86.3	18.62	16.4	0.9	0.9	1.8	1.6
11	16.0	25.6	19.5	81.8	18.30	16.1	9.0	1.1	10.1	1.1
12	15.6	20.5	17.4	86.1	17.05	15.0	0.4	0.4	0.8	0.0
13	14.9	25.5	17.5	91.4	18.48	16.2	7.7	2.7	10.4	2.8
14	15.0	23.8	18.2	84.1	17.64	15.5	9.3	0.0	9.3	2.3
15	14.0	27.0	18.5	76.9	16.02	14.0	0.0	0.0	0.0	5.7
16	11.5	28.0	20.3	75.5	16.99	14.7	2.1	0.4	2.5	8.0
17	11.4	27.8	17.5	78.3	15.16	13.2	1.5	0.0	1.5	3.9
18	12.5	25.8	19.1	83.8	16.24	16.0	0.0	0.0	0.0	4.7
19	15.5	23.5	17.4	85.0	16.89	14.8	8.5	0.0	8.5	2.1
20	13.0	25.4	18.6	83.4	17.51	15.3	15.5	0.0	15.5	6.2
21	11.5	25.8	17.5	84.2	16.84	14.8	0.0	0.0	0.0	6.7
22	13.5	26.0	19.0	82.4	17.90	15.7	2.5	8.3	10.8	7.0
23	14.5	25.5	19.8	81.2	18.32	16.1	3.2	5.7	8.9	6.5
24	13.0	24.8	19.2	86.7	18.72	16.4	0.1	3.0	3.1	4.1
25	12.0	26.4	19.2	75.8	15.92	13.8	0.0	0.0	0.0	6.1
26	11.0	25.0	17.6	73.0	14.16	12.2	0.0	0.0	0.0	2.8
27	10.8	25.4	18.1	79.5	15.89	13.8	0.3	0.6	0.9	5.8
28	12.0	26.5	19.1	80.7	17.25	15.1	0.5	0.0	0.5	4.7
29	11.5	25.4	18.7	84.3	17.81	15.6	0.3	60.9	61.2	5.1
30	14.8	23.5	18.3	85.1	17.77	15.6	0.2	0.7	0.9	0.2
PROM.	13.4	25.4	18.4	83.5	17.51	15.3	114.2	105.4	219.6	123.0

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.0	17.2	89.0	17.91	15.7	30.3	1.0	31.3	6.3
2	14.6	26.0	19.8	82.8	18.99	16.7	0.0	5.1	5.1	6.5
3	14.5	26.8	19.2	82.9	18.19	16.0	4.5	1.3	5.8	6.3
4	15.0	24.6	19.1	88.8	19.53	17.1	0.0	0.0	0.0	3.7
5	13.0	27.8	19.7	76.6	16.76	14.6	2.3	13.6	15.9	6.9
6	15.5	25.8	19.0	87.5	19.42	17.0	2.2	3.2	5.4	3.3
7	15.0	25.0	19.0	84.9	18.75	16.5	0.0	0.0	0.0	2.9
8	14.5	23.8	17.9	85.6	17.84	15.7	1.4	0.0	1.4	1.0
9	13.5	26.8	19.6	75.4	16.70	14.6	0.0	0.0	0.0	6.3
10	9.0	28.0	19.5	77.8	16.73	14.4	0.0	8.3	8.3	8.1
11	14.5	26.0	18.9	81.1	17.33	15.2	6.4	0.3	6.7	5.3
12	15.0	23.8	17.8	92.3	18.62	16.3	1.6	3.1	4.7	2.8
13	15.5	23.5	18.9	82.9	18.11	15.9	0.9	0.5	1.4	2.1
14	15.0	26.4	18.4	84.5	17.79	15.7	3.7	4.8	8.5	3.6
15	15.5	21.6	17.6	88.2	17.80	15.7	3.2	0.0	3.2	0.2
16	15.3	25.4	19.4	83.9	19.14	16.8	0.4	16.5	16.9	3.8
17	15.1	24.5	19.2	85.4	18.94	16.6	0.3	0.1	0.4	4.2
18	15.0	25.0	18.2	86.0	17.65	15.5	0.3	6.5	6.8	4.5
19	15.3	26.4	19.3	82.1	18.28	16.1	0.0	3.6	3.6	5.8
20	15.5	27.4	20.0	82.9	19.35	17.0	0.1	1.3	1.4	5.9
21	14.5	27.0	19.7	80.1	17.90	15.7	0.6	7.1	7.7	5.3
22	15.0	21.5	17.4	91.4	18.46	16.2	0.2	0.0	0.2	0.4
23	10.0	27.8	19.7	81.6	18.05	15.7	0.2	1.4	1.6	7.7
24	14.5	26.8	17.9	83.5	17.35	15.3	6.3	0.0	6.3	6.0
25	14.0	27.0	19.2	79.1	17.16	15.1	0.9	1.3	2.2	6.7
26	13.5	26.5	19.0	82.1	17.66	15.5	0.0	4.0	4.0	8.9
27	15.5	27.0	19.5	82.7	18.99	16.7	0.0	3.1	3.1	6.9
28	16.5	24.8	19.0	85.5	19.10	16.8	1.6	0.0	1.6	2.4
29	15.5	24.0	19.1	82.7	18.15	16.0	0.0	0.0	0.0	2.6
30	13.5	25.5	18.7	89.0	19.60	17.1	2.3	17.8	20.1	4.8
31	13.8	26.5	19.5	84.0	18.88	16.6	0.0	0.0	0.0	6.9
PROM	14.4	25.6	18.9	83.9	18.23	16.0	69.7	103.9	173.6	148.1

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.988

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.0	19.0	84.2	18.75	16.5	8.8	2.8	11.6	4.7
2	14.5	24.5	18.1	87.6	18.59	16.3	6.3	2.4	8.7	3.5
3	14.0	26.5	18.9	80.5	17.09	15.0	0.4	0.0	0.4	3.9
4	13.5	26.2	18.7	83.9	18.06	15.9	4.6	0.0	4.6	6.4
5	11.5	26.8	18.5	82.9	17.37	15.2	3.9	3.7	7.6	7.2
6	16.0	24.6	19.6	82.7	18.90	16.6	1.0	0.0	1.0	2.2
7	13.8	24.5	17.7	84.9	17.63	15.5	15.1	0.3	15.4	5.5
8	14.5	25.5	18.8	85.7	18.74	16.5	0.0	0.0	0.0	6.0
9	15.0	23.0	17.6	89.5	18.29	16.1	1.7	7.4	9.1	2.3
10	15.5	24.4	19.1	88.2	19.78	17.3	0.0	35.0	35.0	5.4
11	15.0	22.5	18.7	88.0	18.69	16.3	0.1	7.3	7.4	2.4
12	14.0	24.6	18.1	90.1	19.13	16.7	1.7	1.5	3.2	6.5
13	15.0	23.5	18.9	85.5	18.47	16.2	1.2	23.9	25.1	2.8
14	14.5	24.5	20.2	85.2	19.72	17.2	2.2	16.5	18.7	3.4
15	15.0	24.0	18.0	85.7	17.84	15.7	10.9	6.6	17.5	2.0
16	15.5	26.2	19.5	84.2	19.15	16.8	0.0	6.4	6.4	3.2
17	16.0	27.0	19.6	82.5	18.62	16.4	0.3	0.0	0.3	5.4
18	15.0	25.0	19.3	84.4	19.06	16.7	0.0	1.8	1.8	6.9
19	16.0	26.2	18.0	84.7	17.67	15.6	7.5	1.4	8.9	4.2
20	13.6	24.8	18.2	85.4	17.81	15.7	4.6	7.6	12.2	4.4
21	15.5	23.5	19.0	81.8	17.87	15.7	0.2	0.0	0.2	4.0
22	15.0	26.8	19.5	82.3	18.46	16.2	0.0	4.2	4.2	5.7
23	16.0	26.6	20.1	81.3	19.04	16.7	0.0	0.0	0.0	6.9
24	16.2	26.2	19.6	82.5	19.00	16.7	0.0	2.2	2.2	5.7
25	15.4	26.5	18.9	82.3	18.17	16.0	0.0	0.0	0.0	7.2
26	15.5	25.8	19.9	85.9	20.29	17.7	1.0	0.0	1.0	3.9
27	14.5	26.0	19.2	84.1	18.51	16.3	0.3	0.0	0.3	4.3
28	13.0	26.6	19.6	79.3	17.50	15.4	0.0	11.5	11.5	5.7
29	14.5	26.5	19.0	81.5	17.92	15.8	0.0	0.0	0.0	6.6
30	15.0	26.4	19.5	80.0	18.10	15.9	0.0	0.0	0.0	6.7
PROM.	14.8	25.4	19.0	84.2	18.47	16.2	71.8	142.5	214.3	145.0

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	25.5	19.5	80.6	18.05	15.9	0.0	3.2	3.2	4.2
2	14.5	26.0	19.0	81.2	17.67	15.5	0.0	1.4	1.4	6.7
3	14.8	24.8	18.8	80.2	17.37	15.3	0.0	3.4	3.4	4.3
4	15.0	25.0	17.8	83.5	17.35	15.3	0.0	0.0	0.0	5.4
5	14.5	27.0	18.5	79.4	16.43	14.4	0.0	4.1	4.1	5.8
6	14.4	23.6	17.9	82.1	16.83	14.8	0.1	7.6	7.7	3.4
7	15.0	25.8	18.8	83.0	18.07	15.9	0.0	4.6	4.6	5.0
8	16.0	22.0	17.9	86.1	18.00	15.8	7.6	2.8	10.4	0.4
9	13.5	23.5	17.4	86.9	17.35	15.3	2.0	0.0	2.0	3.6
10	13.4	25.4	18.6	83.0	17.54	15.4	0.4	0.0	0.4	4.4
11	12.5	27.3	18.7	82.9	17.52	15.3	0.0	0.0	0.0	6.2
12	12.4	25.8	18.7	83.6	17.71	15.5	1.2	1.8	3.0	5.5
13	15.5	25.0	18.3	82.0	17.14	15.1	16.0	0.1	16.1	3.2
14	13.5	24.0	17.9	87.5	18.07	15.9	6.0	0.1	6.1	2.6
15	12.8	24.2	17.5	85.0	16.99	14.9	1.9	0.0	1.9	3.1
16	11.8	27.0	18.7	78.3	16.22	14.1	0.0	0.0	0.0	7.4
17	12.5	26.5	17.8	82.4	16.74	14.7	0.0	0.5	0.5	7.1
18	14.0	26.2	17.4	82.6	16.34	14.3	0.0	0.0	0.0	6.1
19	11.0	25.5	18.1	84.9	17.60	15.4	0.0	0.0	0.0	6.5
20	11.8	27.0	18.6	79.5	16.50	14.4	0.0	0.0	0.0	6.3
21	9.5	26.2	17.7	79.7	15.51	13.3	0.0	0.0	0.0	7.3
22	13.5	25.8	18.5	81.0	16.79	14.7	0.0	0.0	0.0	4.2
23	13.8	25.0	18.0	84.7	17.56	15.4	5.8	3.6	9.4	3.3
24	12.0	25.7	18.5	81.7	17.17	15.0	0.0	1.1	1.1	4.6
25	15.4	24.0	18.2	85.2	18.13	16.0	0.0	0.0	0.0	2.5
26	15.8	24.6	18.9	84.8	18.60	16.4	2.0	0.0	2.0	2.0
27	12.0	26.5	18.2	80.6	16.29	14.2	2.5	25.8	28.3	4.8
28	13.5	25.8	19.1	81.9	17.99	15.8	2.4	15.7	18.1	3.4
29	14.5	23.6	18.3	84.0	17.50	15.4	13.2	1.6	14.8	3.1
30	13.5	25.6	18.2	83.5	17.27	15.2	7.6	51.0	58.6	4.3
31	14.0	25.0	18.0	83.7	17.32	15.2	2.9	0.3	3.2	3.2
PROM	13.6	25.3	18.3	82.8	17.28	15.2	71.6	128.7	200.3	139.9

ESTACION: BERTHA MUNICIPIO: MONIQUIRA AÑO: 1.988

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	13.2	27.0	19.7	9.8	28.5	75.2	16.43	14.3	19.4	7	
FEBRERO	13.5	26.5	19.5	9.0	29.2	78.3	17.13	14.9	114.1	15	
MARZO	12.2	28.1	19.9	9.4	30.5	71.3	15.47	13.3	56.3	10	
ABRIL	15.1	26.6	20.0	12.8	29.8	80.2	18.40	16.1	194.2	22	
MAYO	14.2	26.6	19.4	11.7	29.0	80.9	17.84	15.6	361.3	29	
JUNIO	13.6	25.0	18.4	9.8	27.7	83.8	17.58	15.4	271.1	23	
JULIO	12.7	25.2	17.9	9.0	27.8	83.2	16.93	14.8	170.1	26	
AGOSTO	13.6	25.1	18.1	11.0	27.5	86.2	17.81	15.6	256.1	30	
SEPTIEMBRE	13.4	25.4	18.4	10.8	28.0	83.8	17.51	15.3	219.6	24	123.0
OCTUBRE	14.4	25.6	18.9	9.0	28.0	83.9	18.23	16.0	173.6	26	148.1
NOVIEMBRE	14.8	25.4	19.0	11.5	27.0	84.2	18.47	16.2	214.3	25	145.0
DICIEMBRE	13.6	25.3	18.3	9.5	27.3	82.8	17.28	15.2	200.3	22	139.9
PROMEDIO	13.7	26.0	19.0	10.3	28.4	81.1	17.42	15.2			
TOTAL									2250.4	259	

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.968

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

M E S — ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	31.0	23.7	65.0	17.73	15.6	0.0	20.7	20.7	9.8
2	17.4	30.8	23.3	65.9	17.79	15.6	0.0	0.0	0.0	8.2
3	19.0	30.6	24.2	66.1	19.17	16.8	0.0	4.1	4.1	7.8
4	19.1	30.2	24.0	74.0	21.58	18.7	0.0	0.6	0.6	7.6
5	19.4	31.4	24.8	64.5	19.14	16.6	0.0	0.2	0.2	7.9
6	19.8	30.8	24.6	67.5	19.96	17.4	0.0	0.0	0.0	6.6
7	18.7	30.6	24.4	67.9	19.82	17.3	0.0	2.2	2.2	8.3
8	18.8	30.3	23.8	66.8	18.78	16.4	0.0	0.0	0.0	6.5
9	17.8	31.2	24.3	64.5	18.55	16.3	0.0	0.0	0.0	8.5
10	19.4	31.3	24.4	65.8	19.04	16.6	0.0	0.0	0.0	7.9
11	19.8	30.1	24.2	64.6	18.57	16.2	0.0	0.0	0.0	7.0
12	17.4	31.2	23.9	61.4	16.74	14.6	0.0	0.0	0.0	10.1
13	16.7	30.9	23.3	57.5	15.10	13.0	0.0	0.0	0.0	9.9
14	18.8	29.2	23.2	69.8	19.16	16.8	0.0	1.3	1.3	4.6
15	18.5	29.5	21.2	76.2	19.15	16.7	7.8	6.0	13.8	5.3
16	17.4	27.0	21.9	77.7	19.92	17.4	0.0	3.7	3.7	4.1
17	17.8	29.8	21.1	78.2	19.11	16.7	6.3	6.8	13.1	6.2
18	17.3	27.6	21.7	75.4	18.93	16.5	0.0	1.6	1.6	4.1
19	18.2	28.5	22.4	69.5	18.08	15.8	0.0	0.0	0.0	5.0
20	17.4	29.3	23.1	68.0	18.29	16.0	0.0	0.0	0.0	8.4
21	18.9	29.5	23.8	64.2	17.89	15.6	0.0	1.1	1.1	9.0
22	16.2	30.0	22.3	62.9	15.51	13.3	0.0	0.0	0.0	8.2
23	16.9	29.4	23.3	63.8	17.01	14.9	0.0	0.0	0.0	9.1
24	17.8	29.9	23.7	67.6	18.71	16.4	0.0	0.2	0.2	8.4
25	18.0	30.2	24.0	64.8	18.10	15.9	0.0	0.0	0.0	7.7
26	17.4	30.1	23.7	53.0	13.76	11.2	0.0	0.0	0.0	10.0
27	16.9	30.0	23.8	49.4	13.80	11.7	0.0	0.0	0.0	4.8
28	16.8	31.6	23.9	56.6	15.59	13.6	0.0	0.0	0.0	8.4
29	17.5	26.5	21.9	77.1	19.74	17.3	0.0	0.0	0.0	0.3
30	18.4	29.4	21.9	74.5	19.43	17.0	4.4	0.0	4.4	5.7
31	16.0	31.4	23.7	61.7	16.67	14.6	0.0	0.0	0.0	8.7
PROM.	17.9	30.0	23.3	66.5	18.09	15.8	18.5	48.5	67.0	224.1

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	17.8	32.5	24.9	57.7	16.85	14.7	0.0	0.0	0.0	9.2
2	19.0	26.5	22.3	70.8	18.69	16.4	0.0	0.0	0.0	0.8
3	17.4	30.1	23.9	62.2	16.90	14.8	0.0	8.5	8.5	6.2
4	17.2	22.6	19.6	90.7	20.54	17.5	3.2	0.0	3.2	0.3
5	16.0	29.4	21.7	67.9	17.08	15.0	0.0	0.0	0.0	6.9
6	17.4	30.4	23.6	68.8	19.11	16.8	0.2	0.0	0.2	4.6
7	17.6	30.8	24.5	60.2	16.92	14.6	0.0	0.0	0.0	7.4
8	17.3	32.2	25.0	60.7	17.70	15.6	0.0	33.1	33.1	10.1
9	17.2	23.1	19.5	88.6	19.95	17.4	0.2	0.0	0.2	0.0
10	16.2	28.6	22.0	68.2	17.49	15.4	0.0	10.1	10.1	6.0
11	17.2	24.8	20.9	75.7	18.19	16.0	0.0	17.8	17.8	0.1
12	17.8	29.2	22.9	69.0	18.39	16.2	0.0	0.5	0.5	6.7
13	18.4	27.4	22.3	73.3	19.16	16.8	0.0	0.0	0.0	3.5
14	18.5	29.4	24.0	65.1	18.39	16.1	0.0	0.0	0.0	7.6
15	18.2	30.2	24.2	65.5	18.42	16.2	0.1	0.0	0.1	9.7
16	18.8	30.1	24.7	64.0	18.76	16.5	0.0	0.0	0.0	9.6
17	18.4	30.8	24.4	68.6	19.82	17.3	0.0	0.0	0.0	6.6
18	18.6	30.0	24.5	61.3	17.46	15.3	0.0	0.0	0.0	10.4
19	18.4	30.8	24.6	63.4	18.41	16.2	0.0	0.0	0.0	10.0
20	18.0	30.2	23.9	65.8	18.39	16.1	0.0	0.0	0.0	8.5
21	18.2	31.0	24.5	61.9	17.99	15.8	0.0	5.2	5.2	8.1
22	18.0	30.0	23.7	72.7	20.38	17.8	0.0	0.0	0.0	5.4
23	18.6	30.6	24.4	63.9	18.51	16.3	0.0	0.8	0.8	6.0
24	19.8	28.6	23.5	69.6	19.55	17.0	0.2	0.0	0.2	3.6
25	19.2	29.4	23.1	73.4	20.24	17.6	0.0	13.0	13.0	3.6
26	18.0	26.4	20.8	80.9	19.85	17.3	2.4	15.0	17.4	1.9
27	16.8	20.0	18.7	91.7	19.70	17.3	13.8	0.0	13.8	0.0
28	16.0	27.1	21.6	67.7	16.48	14.4	0.0	0.0	0.0	5.7
29	17.2	30.8	24.1	57.7	16.01	13.9	0.0	0.0	0.0	9.1
PROM	17.8	28.7	23.0	69.2	18.46	16.2	20.1	104.0	124.1	167.6

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.988

ALTITUD: 1.320 LATITUD: 5-28 N. LONGITUD: 75-39 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	18.2	30.2	23.5	61.1	17.03	14.9	0.0	0.0	0.0	8.9
2	18.4	30.1	24.4	52.4	14.39	12.0	0.0	0.0	0.0	10.1
3	16.7	30.4	23.8	56.0	15.25	13.3	0.0	0.0	0.0	10.2
4	17.8	30.3	24.2	65.5	18.75	16.5	0.0	0.0	0.0	9.4
5	18.2	30.2	23.9	63.2	17.83	15.7	0.0	0.0	0.0	8.3
6	18.4	30.0	24.6	64.9	18.77	16.4	0.0	0.0	0.0	7.7
7	17.5	31.6	24.2	58.6	16.24	14.1	0.0	0.0	0.0	8.7
8	18.8	29.6	23.4	64.5	17.78	15.6	0.0	23.7	23.7	5.8
9	18.7	21.6	19.4	91.3	20.76	18.1	1.3	0.5	1.8	0.0
10	17.2	28.5	22.5	61.0	15.57	13.5	0.0	0.0	0.0	9.5
11	17.3	30.9	23.4	56.7	14.99	12.9	0.0	0.0	0.0	10.0
12	17.8	30.0	23.5	63.0	17.01	14.9	0.0	0.0	0.0	8.3
13	18.0	29.8	22.4	69.4	18.23	16.0	6.6	0.0	6.6	7.0
14	18.1	30.0	23.9	60.4	16.99	14.8	0.0	0.0	0.0	6.5
15	16.9	30.4	23.8	58.9	16.26	14.3	0.0	0.5	0.5	8.0
16	16.5	28.2	23.2	64.9	17.34	15.3	0.0	8.5	8.5	4.0
17	16.2	29.8	23.4	66.7	17.86	15.7	0.0	0.0	0.0	7.8
18	17.4	31.2	24.2	58.8	16.36	14.1	0.0	0.0	0.0	7.0
19	17.6	32.2	24.7	53.1	15.68	13.7	0.0	0.0	0.0	9.9
20	18.0	32.8	24.8	59.0	17.29	15.2	0.0	0.0	0.0	9.4
21	19.7	33.2	27.2	37.6	12.59	10.4	0.0	0.0	0.0	9.2
22	19.8	32.6	25.1	58.0	17.22	15.0	0.0	0.0	0.0	9.0
23	19.0	31.2	24.7	59.6	17.49	15.3	0.0	0.0	0.0	6.7
24	17.8	32.4	24.9	58.4	16.91	14.9	0.0	0.0	0.0	9.0
25	18.3	31.3	24.6	55.8	16.10	14.1	0.0	0.0	0.0	8.0
26	18.0	30.2	24.8	54.4	15.54	13.2	0.0	0.0	0.0	3.6
27	17.6	32.0	24.6	59.5	16.79	14.6	0.0	0.0	0.0	4.7
28	19.3	32.3	25.6	57.2	17.26	15.1	0.0	0.0	0.0	5.5
29	19.8	27.4	23.7	75.0	21.41	18.6	0.0	0.0	0.0	0.0
30	19.2	32.2	24.8	64.8	18.77	16.2	0.0	0.0	0.0	7.2
31	18.2	32.0	25.7	57.5	17.15	14.9	0.0	0.0	0.0	7.8
PROM.	18.1	30.5	24.1	60.9	17.02	14.8	7.9	33.2	41.1	227.2

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	28.5	23.3	69.1	18.91	16.5	0.0	5.7	5.7	3.4
2	18.9	22.2	20.1	94.3	22.21	19.2	1.9	0.0	1.9	0.0
3	18.7	30.0	22.8	72.8	19.44	16.9	0.0	11.3	11.3	3.8
4	17.4	28.4	23.7	70.6	19.48	17.1	0.0	0.0	0.0	2.6
5	19.2	32.0	24.3	64.2	18.62	16.3	0.0	21.5	21.5	6.0
6	18.0	22.0	18.9	92.5	20.58	17.9	18.6	0.0	18.6	0.0
7	16.9	29.0	23.3	65.9	17.64	15.4	0.0	0.0	0.0	8.3
8	18.7	29.8	23.8	65.6	18.37	16.0	0.0	0.0	0.0	4.8
9	19.3	25.8	21.8	81.9	21.47	18.6	0.1	0.3	0.4	0.1
10	18.4	24.8	21.3	82.4	20.82	18.1	0.1	13.9	14.0	0.2
11	17.0	23.0	19.9	91.1	21.01	18.3	0.8	0.0	0.8	0.0
12	17.6	27.5	21.4	80.9	20.08	17.4	4.2	33.9	38.1	3.8
13	18.0	26.0	20.8	84.3	20.81	18.2	7.7	0.0	7.7	0.4
14	18.2	29.2	22.6	72.7	19.42	17.0	0.0	1.3	1.3	4.6
15	18.0	27.2	22.1	74.3	19.08	16.6	0.0	14.7	14.7	2.9
16	18.2	28.4	23.0	70.6	19.13	16.7	0.0	0.9	0.9	8.2
17	18.0	28.5	23.6	68.4	19.06	16.7	0.0	14.0	14.0	7.5
18	17.9	28.6	23.2	70.6	19.42	17.0	0.0	1.6	1.6	6.7
19	19.0	26.8	22.5	68.6	18.28	16.0	0.0	1.6	1.6	3.1
20	18.9	29.0	23.6	71.4	20.48	17.9	0.0	14.7	14.7	3.1
21	17.6	26.5	21.6	71.9	18.14	15.9	0.0	0.0	0.0	3.0
22	19.0	28.5	21.1	80.2	19.93	17.3	0.0	28.5	28.5	4.6
23	17.0	27.5	22.6	72.9	19.28	16.9	0.0	3.8	3.8	7.5
24	19.0	28.8	22.9	71.3	19.53	17.1	0.0	10.2	10.2	5.1
25	17.8	28.4	22.7	71.8	19.21	16.8	0.0	0.0	0.0	5.4
26	19.0	28.0	21.3	77.0	19.40	17.0	0.2	6.2	6.4	1.3
27	18.0	28.2	21.3	80.5	20.14	17.5	8.5	1.5	10.0	5.1
28	18.0	29.0	23.7	66.9	18.63	16.3	0.0	0.0	0.0	7.6
29	18.4	27.0	21.8	79.2	20.55	17.9	3.3	7.7	11.0	1.8
30	16.8	26.0	21.4	77.9	19.27	16.9	0.0	10.8	10.8	1.2
PROM	18.2	27.5	22.2	75.4	19.61	17.1	45.4	204.1	249.5	112.1

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.988

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	18.0	27.5	22.5	73.4	19.40	16.9	0.0	0.0	0.0	6.0
2	17.6	24.0	20.2	82.3	19.25	16.9	33.9	0.0	33.9	2.0
3	17.2	29.0	23.0	65.6	17.29	15.0	0.0	13.4	13.4	8.5
4	18.8	24.0	20.6	86.5	21.01	18.3	1.4	0.0	1.4	1.2
5	18.2	28.5	22.6	75.5	20.07	17.5	0.2	5.5	5.7	6.5
6	17.3	27.5	21.9	76.1	19.74	17.3	0.0	1.0	1.0	5.9
7	18.4	28.5	22.3	70.8	18.92	16.6	0.4	0.0	0.4	5.4
8	17.4	29.0	23.2	72.8	20.09	17.6	0.0	0.8	0.8	8.4
9	17.5	28.8	23.7	67.5	18.76	16.5	0.0	0.3	0.3	7.6
10	19.0	28.0	22.6	75.7	20.40	17.8	0.0	0.0	0.0	6.3
11	18.4	29.0	23.2	72.0	19.76	17.3	0.0	9.0	9.0	6.0
12	19.0	27.3	22.4	75.3	19.76	17.2	0.0	0.0	0.0	4.0
13	18.9	27.4	23.0	72.0	19.85	17.3	0.0	6.9	6.9	4.9
14	17.2	26.3	20.5	76.7	18.35	16.1	0.0	0.0	0.0	1.2
15	17.5	28.5	22.0	67.6	17.68	15.5	0.0	3.1	3.1	4.4
16	17.0	28.8	23.2	62.2	16.93	14.8	0.0	0.0	0.0	5.7
17	19.0	27.8	23.3	72.3	20.26	17.7	0.0	22.6	22.6	5.8
18	17.0	25.8	21.5	75.3	18.99	16.7	0.0	0.0	0.0	6.1
19	17.8	28.6	21.9	79.1	20.55	17.9	0.1	20.5	20.6	4.8
20	17.6	26.5	22.1	75.3	19.82	17.3	0.0	0.0	0.0	4.0
21	18.7	28.6	22.6	76.1	20.40	17.7	0.2	0.4	0.6	4.9
22	18.4	28.5	23.2	72.8	20.24	17.7	0.0	0.0	0.0	8.1
23	18.6	27.5	22.6	75.4	20.32	17.6	0.0	0.0	0.0	3.1
24	18.2	29.9	23.9	67.5	18.94	16.5	0.0	0.0	0.0	9.0
25	18.6	27.9	23.2	75.6	20.96	18.2	0.0	4.1	4.1	2.3
26	17.6	26.5	21.5	81.3	20.54	17.9	0.0	0.0	0.0	0.7
27	17.8	27.5	21.2	76.0	19.17	16.8	15.8	3.2	19.0	7.9
28	17.6	27.0	21.9	81.2	20.89	18.2	2.6	0.0	2.6	4.1
29	17.8	28.6	23.0	74.1	19.99	17.3	0.0	29.1	29.1	8.3
30	15.4	26.0	21.4	78.6	19.13	16.7	0.0	0.0	0.0	6.6
31	17.0	27.0	21.2	78.3	19.49	17.0	3.3	8.7	12.0	7.0
PROM.	17.9	27.6	22.3	74.5	19.58	17.1	57.9	128.6	186.5	166.7

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	27.0	22.1	73.7	19.00	16.7	0.0	19.1	19.1	2.4
2	16.9	26.4	21.2	74.5	18.41	16.2	0.0	0.1	0.1	6.8
3	17.8	26.9	21.5	85.4	21.65	18.8	0.0	0.0	0.0	0.9
4	17.8	27.6	22.1	75.9	19.74	17.2	0.0	0.0	0.0	3.9
5	17.4	28.5	23.1	72.0	19.68	17.2	0.0	0.0	0.0	8.7
6	17.0	27.8	22.3	72.8	18.92	16.6	0.0	0.0	0.0	9.0
7	17.5	28.3	23.2	68.9	18.86	16.6	0.0	0.0	0.0	7.4
8	18.0	27.5	22.9	73.8	20.05	17.5	0.0	0.0	0.0	0.4
9	18.4	26.9	21.2	85.3	21.56	18.7	2.4	0.0	2.4	4.0
10	18.2	26.8	21.7	80.6	20.68	17.9	0.1	0.0	0.1	4.6
11	17.4	25.5	20.7	85.9	20.78	18.1	0.3	8.6	8.9	2.1
12	16.9	25.8	20.2	84.1	20.06	17.5	16.9	6.9	23.8	2.0
13	17.0	24.9	20.8	85.1	20.79	18.1	0.6	6.4	7.0	4.2
14	18.0	26.4	20.6	79.9	19.35	17.0	0.6	0.0	0.6	4.2
15	17.3	28.3	22.0	72.4	18.48	16.2	0.0	0.8	0.8	5.7
16	17.4	25.0	20.0	85.4	20.30	17.7	0.0	5.0	5.0	1.9
17	17.0	26.0	20.4	83.8	19.91	17.4	0.0	7.5	7.5	3.5
18	17.4	23.2	19.8	89.2	20.52	17.9	5.6	7.8	13.4	0.1
19	17.5	24.3	20.5	80.0	19.33	17.0	0.1	2.7	2.8	4.3
20	17.7	27.4	21.0	83.7	20.88	18.2	0.3	0.0	0.3	5.3
21	17.5	27.8	22.6	75.3	20.14	17.6	0.0	0.0	0.0	9.3
22	17.8	28.6	22.2	78.0	20.81	18.1	0.0	5.5	5.5	6.7
23	17.4	26.3	21.3	83.2	20.66	18.0	0.0	42.6	42.6	5.0
24	15.7	25.4	19.5	86.9	19.87	17.4	1.3	18.4	19.7	2.9
25	17.0	23.4	19.3	86.6	19.28	16.9	0.1	0.0	0.1	1.2
26	16.9	27.3	21.9	74.7	19.09	16.8	0.0	1.4	1.4	8.1
27	17.1	27.5	22.3	75.7	19.98	17.4	0.0	1.9	1.9	8.2
28	16.7	25.6	21.0	82.9	20.17	17.6	0.2	0.0	0.2	5.8
29	17.1	27.2	21.5	82.5	21.02	18.3	0.5	0.0	0.5	6.7
30	16.1	26.6	21.1	79.9	19.56	17.2	0.0	0.0	0.0	7.0
PROM	17.3	26.5	21.3	79.9	19.99	17.5	29.0	134.7	163.7	142.3

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.988

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	17.7	26.5	22.2	81.8	21.38	18.5	0.0	0.0	0.0	5.2
2	18.4	25.6	21.2	83.5	20.85	18.1	1.1	5.5	6.6	1.5
3	17.9	25.2	21.6	82.9	20.94	18.2	0.0	1.4	1.4	6.8
4	16.8	25.0	20.5	84.1	20.05	17.5	0.4	16.7	17.1	4.8
5	16.5	23.6	19.9	85.0	19.58	17.2	0.0	18.6	18.6	2.3
6	16.4	24.5	20.7	83.9	20.21	17.7	0.1	5.2	5.3	3.7
7	16.6	27.5	22.0	80.4	20.98	18.2	0.0	0.2	0.2	8.0
8	17.9	26.4	20.9	83.5	20.72	18.1	0.2	0.0	0.2	4.2
9	17.8	26.6	20.9	81.0	20.10	17.6	0.5	0.0	0.5	6.0
10	17.0	27.0	21.6	80.4	20.30	17.7	0.0	0.0	0.0	8.4
11	17.6	27.1	20.8	83.2	20.45	17.9	3.0	1.1	4.1	8.0
12	16.6	27.0	21.1	80.6	19.93	17.4	4.5	0.0	4.5	7.6
13	17.4	25.8	21.3	74.7	18.79	16.5	0.1	0.0	0.1	5.1
14	16.1	28.0	21.7	75.2	18.83	16.5	0.0	0.0	0.0	6.7
15	16.8	28.3	22.7	72.1	19.26	16.9	0.0	0.0	0.0	10.5
16	16.6	27.0	22.1	71.4	18.70	16.4	0.0	0.0	0.0	7.4
17	16.1	28.0	22.7	75.1	19.95	17.5	0.0	0.0	0.0	8.3
18	16.8	28.5	21.2	78.9	19.91	17.4	0.4	0.0	0.4	6.0
19	16.5	27.5	22.2	78.5	20.71	18.0	0.0	0.0	0.0	7.1
20	17.1	28.0	23.3	73.9	20.41	17.8	0.4	0.0	0.4	6.9
21	17.3	27.4	21.5	79.7	20.38	17.8	0.0	0.0	0.0	6.0
22	18.2	28.4	21.5	84.2	22.03	19.0	1.4	0.0	1.4	4.1
23	17.1	27.5	22.0	80.2	20.95	18.2	0.0	0.0	0.0	2.1
24	17.4	27.8	22.6	77.3	20.86	18.1	0.0	0.3	0.3	7.0
25	17.7	28.0	22.6	77.7	20.76	18.1	0.0	1.0	1.0	8.5
26	17.6	27.6	22.2	80.3	21.04	18.3	0.0	0.4	0.4	5.8
27	17.3	27.5	22.0	77.1	19.81	17.3	0.0	0.0	0.0	6.2
28	16.9	29.0	23.0	73.5	20.47	17.8	0.0	0.3	0.3	9.1
29	17.2	27.5	22.6	81.1	22.07	19.1	0.0	1.1	1.1	4.8
30	17.6	27.6	22.0	79.9	20.87	18.2	0.0	0.0	0.0	6.4
31	17.1	27.3	21.3	80.8	20.04	17.5	0.1	0.0	0.1	5.2
PROM.	17.2	27.1	21.7	79.4	20.37	17.8	12.2	51.8	64.0	189.7

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	17.8	28.4	21.5	81.7	20.84	18.1	3.0	9.4	12.4	6.9
2	17.5	27.5	21.4	82.8	20.81	18.1	0.1	6.6	6.7	5.8
3	17.6	27.2	21.9	80.1	20.57	18.0	0.0	6.2	6.2	6.0
4	17.2	27.0	22.4	79.9	21.26	18.5	0.1	0.3	0.4	5.8
5	17.5	29.6	23.6	70.5	19.97	17.4	0.0	0.2	0.2	7.4
6	18.4	27.8	22.0	77.6	20.46	17.8	0.1	0.5	0.6	6.1
7	17.6	28.6	23.0	77.0	21.23	18.4	0.0	8.3	8.3	8.2
8	17.7	25.0	20.2	87.5	20.69	18.1	0.5	0.0	0.5	4.4
9	16.9	27.5	22.5	79.8	21.30	18.5	0.0	25.0	25.0	6.8
10	16.3	26.8	21.7	81.0	20.70	18.0	3.2	38.7	41.9	6.1
11	16.9	27.5	21.3	79.7	19.84	17.4	0.0	0.0	0.0	4.2
12	16.8	27.0	20.3	83.1	19.76	17.3	0.3	8.7	9.0	5.5
13	16.5	27.2	22.0	84.9	22.05	19.0	0.0	0.2	0.2	6.3
14	17.1	24.8	20.8	83.9	20.48	17.9	0.2	3.3	3.5	4.5
15	17.5	26.6	21.5	82.3	20.79	18.1	3.1	3.2	6.3	7.0
16	18.0	27.0	21.9	82.6	21.37	18.6	0.0	16.8	16.8	6.6
17	17.4	26.7	21.4	83.5	20.89	18.2	0.0	0.0	0.0	5.7
18	17.6	26.4	21.2	80.1	20.13	17.6	0.0	0.0	0.0	5.1
19	16.9	26.6	20.7	84.6	20.86	18.1	0.7	27.8	28.5	4.2
20	16.4	25.8	20.3	85.4	20.39	17.8	0.4	10.6	11.0	2.7
21	17.6	24.5	20.7	86.0	20.83	18.1	0.0	19.0	19.0	1.9
22	16.9	23.4	20.2	87.8	20.60	18.0	2.0	0.0	2.0	1.7
23	16.0	28.4	22.1	76.9	20.09	17.5	0.0	9.1	9.1	8.1
24	16.8	25.2	21.4	83.8	21.08	18.3	0.0	18.9	18.9	3.9
25	17.2	26.0	20.7	84.0	20.51	17.9	6.4	0.1	6.5	3.9
26	17.4	27.4	22.1	82.2	21.41	18.6	0.0	22.2	22.2	5.8
27	17.2	25.5	19.7	91.0	20.77	18.1	2.3	0.2	2.5	3.1
28	17.7	26.0	22.1	81.9	21.40	18.6	0.0	0.1	0.1	7.1
29	18.4	26.4	21.7	80.9	20.98	18.2	0.1	16.8	16.9	5.0
30	17.1	24.8	19.8	87.2	20.03	17.5	0.7	9.6	10.3	1.0
31	17.1	19.5	17.3	95.1	19.15	16.8	7.6	0.0	7.6	0.0
PROM	17.3	26.4	21.3	82.7	20.69	18.0	30.8	261.8	292.6	156.8

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.988

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	15.3	27.0	21.0	82.2	19.97	17.4	0.0	0.2	0.2	6.4
2	16.9	27.3	21.4	81.6	20.60	18.0	0.9	13.7	14.6	5.4
3	16.3	26.0	20.5	87.9	21.20	18.4	1.1	2.0	3.1	5.5
4	16.9	27.4	21.1	82.1	20.68	18.0	0.0	1.5	1.9	7.4
5	17.4	25.4	20.8	85.3	20.69	18.1	2.1	0.0	2.1	2.8
6	17.1	27.5	21.8	78.7	20.32	17.7	0.8	32.6	33.4	4.3
7	17.4	22.0	18.0	91.2	19.22	16.5	3.5	0.0	3.5	0.0
8	14.5	24.5	19.9	80.1	18.17	15.9	0.0	1.5	1.5	6.2
9	15.9	27.0	20.0	82.1	19.45	17.0	7.3	13.8	21.1	5.2
10	17.6	26.2	20.1	87.1	20.39	17.8	0.0	0.2	0.2	0.1
11	17.4	26.4	21.0	86.1	21.31	18.5	0.2	5.9	6.1	3.6
12	17.1	23.2	20.4	83.9	19.74	17.3	0.0	0.0	0.0	0.0
13	17.7	24.3	19.8	85.9	19.66	17.2	2.9	10.3	13.2	1.2
14	17.0	25.8	20.8	81.0	19.69	17.3	0.0	0.2	0.2	2.5
15	15.6	28.8	21.9	75.1	19.76	17.3	0.0	0.0	0.0	7.7
16	15.8	27.6	21.8	78.4	19.87	17.4	0.0	22.1	22.1	9.2
17	17.8	28.1	21.6	80.9	20.96	18.2	0.0	5.1	5.1	6.7
18	16.9	25.8	21.3	82.7	20.74	18.1	0.9	9.6	10.5	3.8
19	16.6	27.2	20.3	86.3	20.71	18.0	1.4	2.6	4.0	3.7
20	16.9	25.8	20.6	88.5	21.19	18.4	0.7	12.0	12.7	5.2
21	15.8	26.8	21.4	80.1	20.00	17.5	1.8	15.1	16.9	5.6
22	17.6	27.2	22.0	84.4	22.04	19.0	0.5	9.1	9.6	5.0
23	17.5	27.0	21.8	80.2	20.75	18.1	0.0	0.0	0.0	6.2
24	17.5	28.2	23.0	78.1	21.48	18.6	0.0	0.0	0.0	7.9
25	17.3	27.5	22.2	80.6	21.28	18.5	0.0	17.8	17.8	7.8
26	17.2	26.6	21.4	84.0	21.39	18.6	0.4	0.0	0.4	3.9
27	17.9	27.8	22.9	78.4	21.36	18.5	0.0	0.0	0.0	7.7
28	17.2	28.0	22.8	77.4	20.87	18.2	0.0	0.0	0.0	5.8
29	18.5	28.3	22.4	81.5	21.92	19.0	0.0	23.8	23.8	7.0
30	17.8	25.4	20.2	89.1	21.28	18.5	1.4	0.0	1.4	1.2
PROM.	16.9	26.5	21.1	82.7	20.56	17.9	25.9	199.5	225.4	145.0

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	25.0	20.5	88.2	21.26	18.5	14.0	13.8	27.8	2.0
2	17.4	26.4	20.6	82.9	20.19	17.6	4.9	9.7	14.6	3.5
3	17.1	26.5	21.8	81.5	20.86	18.2	0.0	0.0	0.0	4.5
4	18.4	25.3	21.8	81.0	20.95	18.2	0.0	0.0	0.0	4.4
5	17.5	28.6	21.8	80.4	20.97	18.3	0.0	0.0	0.0	3.7
6	16.9	28.4	22.9	77.9	21.23	18.4	0.0	17.0	17.0	8.5
7	17.5	26.0	21.1	83.2	20.72	18.1	0.0	8.9	8.9	2.7
8	18.1	23.8	19.9	89.7	20.85	18.2	17.0	0.0	17.0	0.2
9	17.3	27.4	21.9	82.8	21.47	18.6	0.0	0.0	0.0	4.5
10	17.7	28.6	23.2	73.3	20.39	17.8	0.0	0.0	0.0	9.4
11	18.6	26.4	22.3	79.6	21.36	18.6	0.0	0.3	0.3	2.2
12	18.0	25.8	20.5	86.2	20.97	18.3	7.4	10.2	17.6	2.4
13	16.8	23.8	20.0	86.2	20.03	17.5	1.3	14.8	16.1	1.3
14	17.2	23.4	19.2	89.7	19.95	17.5	7.0	9.4	16.4	0.7
15	16.8	22.6	19.5	89.2	19.96	17.5	0.8	0.9	1.7	0.6
16	16.4	26.2	20.9	81.6	19.82	17.3	8.4	0.0	8.4	5.2
17	17.3	26.9	21.2	83.2	21.17	18.4	1.0	11.7	12.7	4.4
18	17.7	26.3	20.8	81.9	20.23	17.7	0.0	7.9	7.9	3.8
19	16.7	26.6	21.7	73.2	18.73	16.5	0.0	0.5	0.5	4.8
20	16.9	28.2	22.8	67.9	18.46	16.3	0.0	0.0	0.0	9.8
21	18.1	28.9	22.6	70.8	19.35	16.9	0.0	0.5	0.5	3.7
22	17.3	26.8	21.4	81.5	20.64	18.0	0.5	0.0	0.5	2.0
23	16.9	29.2	23.3	76.1	20.94	18.2	0.0	0.0	0.0	9.5
24	18.2	29.5	21.4	78.1	20.23	17.7	0.3	2.9	3.2	6.7
25	17.4	26.4	20.9	85.4	20.97	18.3	0.0	26.9	26.9	1.0
26	16.8	28.6	21.5	83.2	21.18	18.4	0.0	0.0	0.0	5.0
27	16.6	27.2	21.7	78.8	20.16	17.6	0.0	0.0	0.0	6.1
28	18.0	24.0	20.6	88.3	21.46	18.6	0.6	15.2	15.8	0.7
29	16.9	27.9	21.9	80.0	20.73	18.0	0.0	0.0	0.0	5.3
30	18.7	28.5	21.7	81.1	21.23	18.5	0.0	0.0	0.0	3.5
31	17.5	27.4	22.1	79.1	20.67	18.0	0.0	0.0	0.0	5.0
PROM	17.4	26.7	21.4	81.4	20.55	17.9	63.2	150.6	213.8	127.1

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.988

ALTITUD: 1.320 LATITUD: 5-28 N. LONGITUD: 75-39 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	17.7	27.9	21.5	84.3	21.80	18.9	0.1	11.6	11.7	2.5
2	17.5	23.9	20.3	87.2	20.72	18.1	0.9	4.0	4.9	0.1
3	17.7	23.6	20.2	86.9	20.54	17.9	0.0	0.0	0.0	0.5
4	16.5	28.0	22.2	76.8	20.29	17.7	0.0	0.0	0.0	7.5
5	17.0	27.8	21.2	80.3	20.09	17.6	0.7	0.0	0.7	6.4
6	16.4	27.3	21.4	79.8	20.14	17.6	0.0	0.4	0.4	4.1
7	17.7	27.5	21.0	83.2	20.56	17.9	4.5	51.7	56.2	5.1
8	16.7	26.0	20.5	86.4	20.73	18.0	2.1	4.5	6.6	5.1
9	17.4	27.4	20.0	85.7	20.25	17.7	17.8	28.1	45.9	4.6
10	17.0	26.2	20.0	86.5	20.63	18.0	28.4	9.1	37.5	4.2
11	17.7	26.6	20.9	86.0	21.09	18.4	0.0	0.2	0.2	1.9
12	18.0	26.8	21.8	78.5	20.13	17.6	0.0	2.1	2.1	2.7
13	17.9	25.2	20.6	88.7	21.41	18.6	10.4	11.4	21.8	2.7
14	18.2	27.0	21.5	84.1	21.53	18.7	0.0	11.4	11.4	3.8
15	17.3	26.4	21.1	81.6	20.22	17.7	0.4	9.5	9.9	3.6
16	17.0	26.1	21.5	79.7	20.26	17.7	0.0	2.9	2.9	4.3
17	17.4	26.4	20.7	82.3	19.90	17.4	6.8	0.0	6.8	4.2
18	16.7	28.0	22.2	79.2	20.92	18.2	0.0	1.2	1.2	7.1
19	17.4	26.3	21.5	79.0	20.04	17.5	0.4	1.5	1.9	2.9
20	16.8	27.4	20.8	83.7	20.45	17.9	0.0	12.2	12.2	4.2
21	16.9	26.2	21.2	80.4	20.08	17.6	1.3	32.9	34.2	3.6
22	17.7	26.4	20.8	85.5	21.17	18.4	0.1	0.0	0.1	4.0
23	16.7	27.9	22.0	74.9	19.40	17.0	0.0	19.8	19.8	4.5
24	17.5	26.8	21.0	84.9	21.21	18.4	2.0	5.5	7.5	1.7
25	17.4	27.0	21.0	83.1	20.57	18.0	0.0	17.2	17.2	4.4
26	17.5	27.5	21.1	84.0	20.99	18.3	0.0	0.0	0.0	5.6
27	17.4	28.5	23.2	76.2	21.43	18.6	0.0	0.3	0.3	8.8
28	19.0	26.4	22.4	78.8	21.13	18.4	0.0	10.7	10.7	2.5
29	17.5	27.9	21.1	84.3	21.32	18.5	4.3	0.0	4.3	3.4
30	16.5	28.3	20.3	82.6	19.98	17.5	29.6	4.4	34.0	6.5
PROM.	17.3	26.8	21.2	82.5	20.63	18.0	109.8	252.6	362.4	122.5

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	17.4	25.6	20.6	88.1	21.28	18.5	8.9	7.3	16.2	1.9
2	17.0	26.5	20.2	84.2	20.10	17.6	3.9	1.3	5.2	4.1
3	17.4	22.9	18.8	91.6	19.90	17.4	1.4	0.0	1.4	0.9
4	16.6	26.6	20.3	82.9	19.69	17.3	0.2	3.6	3.8	5.0
5	17.4	24.0	20.2	86.7	20.63	18.0	1.0	0.0	1.0	0.1
6	16.4	27.7	21.3	76.9	19.40	17.0	1.1	13.4	14.5	5.8
7	17.4	25.0	21.0	85.2	21.12	18.4	1.3	9.1	10.4	4.7
8	16.5	25.4	19.1	85.0	18.74	16.5	2.7	0.5	3.2	2.8
9	16.2	26.4	21.6	80.6	20.51	17.9	0.0	2.8	2.8	4.5
10	15.9	28.2	21.3	80.9	20.42	17.8	0.0	0.0	0.0	8.0
11	16.4	28.8	22.6	77.1	20.70	18.0	0.0	0.0	0.0	9.4
12	17.3	29.2	22.6	80.3	21.58	18.7	0.2	67.8	68.0	7.1
13	16.6	26.5	20.8	85.8	21.25	18.4	1.2	0.1	1.3	2.0
14	18.0	24.9	20.6	85.4	20.64	18.0	0.2	0.3	0.5	1.7
15	18.1	28.7	23.2	74.9	20.85	18.2	0.0	2.6	2.6	6.8
16	16.9	29.2	22.6	77.8	20.75	18.1	0.0	10.0	10.0	7.4
17	17.7	26.8	20.5	86.6	20.87	18.2	2.0	2.0	4.0	2.8
18	17.5	26.4	21.7	80.1	20.60	18.0	0.0	0.0	0.0	5.9
19	17.0	28.2	21.4	81.3	20.50	17.9	0.0	0.0	0.0	4.4
20	17.3	28.5	22.1	74.3	19.43	17.0	0.0	2.1	2.1	9.7
21	17.4	26.9	21.5	78.7	20.11	17.6	0.0	0.0	0.0	2.9
22	17.0	25.4	19.8	88.1	20.37	17.8	0.0	0.0	0.0	1.5
23	16.3	27.0	21.3	74.7	18.54	16.3	0.0	0.0	0.0	3.6
24	15.9	26.0	20.7	81.3	19.47	17.0	0.0	0.0	0.0	4.4
25	17.1	27.0	19.7	86.6	20.20	17.6	21.1	0.8	21.9	2.1
26	17.0	26.4	20.9	84.6	20.92	18.2	0.1	0.0	0.1	1.6
27	17.2	26.9	20.3	84.3	20.06	17.6	0.4	0.1	0.5	3.4
28	17.6	27.2	20.3	84.0	20.21	17.7	3.8	4.0	7.8	4.0
29	16.9	26.0	20.7	81.7	19.57	17.1	0.0	0.0	0.0	1.6
30	17.4	26.4	21.2	81.9	20.58	18.0	0.0	0.0	0.0	2.9
31	16.9	26.6	21.2	84.1	21.12	18.4	1.3	0.0	1.3	5.0
PROM	17.0	26.7	21.0	82.4	20.33	17.7	50.8	127.8	178.6	128.0

ESTACION: RAFAEL ESCOBAR MUNICIPIO: SUPIA AÑO: 1.988

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.	Dias lluvias	
ENERO	17.9	30.0	23.3	16.0	31.6	66.5	18.09	15.8	67.0	13	224.1
FEBRERO	17.8	28.7	23.0	16.0	32.5	69.2	18.46	16.2	124.1	15	167.6
MARZO	18.1	30.5	24.1	16.2	33.2	60.9	17.02	14.8	41.1	5	227.2
ABRIL	18.2	27.5	22.2	16.8	32.0	75.4	19.61	17.1	249.5	24	112.1
MAYO	17.9	27.6	22.3	15.4	29.9	74.5	19.58	17.1	186.5	19	166.7
JUNIO	17.3	26.5	21.3	15.7	28.6	79.9	19.99	17.5	163.7	22	142.3
JULIO	17.2	27.1	21.7	16.1	29.0	79.4	20.37	17.8	64.0	20	189.7
AGOSTO	17.3	26.4	21.3	16.0	29.6	82.7	20.69	18.0	292.6	28	156.8
SEPTIEMBRE	16.9	26.5	21.1	14.5	28.8	82.7	20.56	17.9	225.4	24	145.0
OCTUBRE	17.4	26.7	21.4	16.4	29.5	81.4	20.55	17.9	213.8	19	127.1
NOVIEMBRE	17.3	26.8	21.2	16.4	28.5	82.5	20.63	18.0	362.4	27	122.5
DICIEMBRE	17.0	26.7	21.0	15.9	29.2	82.4	20.33	17.7	178.6	21	128.0
PROMEDIO	17.5	27.6	22.0	16.0	30.2	76.5	19.66	17.2			
TOTAL									2168.7	237	1909.1

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.988

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 W.

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	25.0	20.7	78.7	19.20	16.7	0.0	0.9	0.9	
2	16.9	23.1	20.1	90.4	21.38	18.6	13.5	4.4	17.9	3.7
3	16.9	23.2	19.9	91.2	21.01	18.3	0.0	23.1	23.1	5.3
4	17.4	23.6	20.3	86.9	20.68	18.0	0.0	0.0	0.0	4.2
5	18.0	24.2	20.4	86.7	20.92	18.2	0.0	0.0	0.0	4.3
6	17.8	22.7	19.9	90.1	21.04	18.3	1.3	0.9	2.2	2.4
7	17.2	23.8	20.3	90.9	21.76	18.8	0.0	31.4	31.4	4.8
8	16.2	23.2	19.9	91.5	21.39	18.5	0.0	0.0	0.0	5.5
9	17.3	23.2	20.3	86.4	20.71	17.9	0.0	0.0	0.0	4.6
10	17.5	23.5	19.9	90.8	21.42	18.5	0.0	0.0	0.0	
11	17.2	25.0	21.3	86.8	21.92	18.9	0.0	0.0	0.0	4.8
12	16.5	24.3	21.1	87.7	21.80	18.9	0.0	0.0	0.0	7.7
13	17.6	23.5	20.3	84.5	20.25	17.7	0.0	0.0	0.0	4.9
14	16.5	24.5	21.3	80.5	20.28	17.7	0.0	0.0	0.0	
15	16.5	24.1	20.6	87.7	21.43	18.6	0.0	78.6	78.6	4.3
16	16.0	23.8	19.4	93.0	21.08	18.3	18.2	0.0	18.2	2.8
17	16.5	23.9	20.1	87.8	20.79	18.0	0.0	19.0	19.0	3.0
18	15.0	23.0	19.6	92.4	20.96	18.2	0.0	1.5	1.5	1.7
19	16.6	24.5	20.5	81.2	19.74	17.3	0.0	0.4	0.4	6.2
20	17.5	24.4	21.1	80.7	20.18	17.6	0.0	0.0	0.0	6.9
21	18.4	23.6	20.5	90.2	21.94	19.0	0.0	1.1	1.1	4.3
22	16.5	25.6	20.4	86.8	20.70	18.0	0.0	0.0	0.0	5.9
23	17.6	26.0	21.7	79.8	20.31	17.8	0.0	0.0	0.0	8.1
24	17.5	25.0	21.2	86.9	21.75	18.8	0.0	0.9	0.9	5.2
25	17.5	24.3	21.3	85.9	21.62	18.7	0.0	0.1	0.1	4.3
26	17.5	23.5	20.0	89.9	21.11	18.4	0.0	0.0	0.0	6.7
27	17.6	24.0	20.4	83.2	19.94	17.4	0.0	19.3	19.3	1.3
28	17.4	24.0	20.4	86.2	20.81	18.1	0.2	31.0	31.2	2.9
29	17.0	21.5	19.1	92.7	20.62	17.9	6.1	0.0	6.1	3.9
30	16.5	25.4	20.5	90.5	21.67	18.8	0.0	2.7	2.7	
31	17.6	26.0	21.7	73.6	18.74	16.5	0.0	0.0	0.0	9.1
PROM.	17.1	24.0	20.5	86.8	20.88	18.1	39.3	215.3	254.6	

M E S – FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	28.0	23.7	63.3	18.48	16.2	0.0	0.0	0.0	8.9
2	18.3	27.0	21.0	89.8	22.77	19.6	0.0	0.0	0.0	3.1
3	18.4	24.0	21.3	87.2	22.18	19.1	0.0	4.5	4.5	3.7
4	16.5	23.0	19.6	88.6	19.88	17.4	0.1	0.0	0.1	1.2
5	17.5	22.0	19.8	92.4	21.25	18.5	1.0	0.2	1.2	1.0
6	17.4	23.5	20.6	84.8	20.89	18.1	1.1	39.6	40.7	2.1
7	17.4	23.3	19.8	97.4	22.51	19.3	0.1	0.0	0.1	1.5
8	17.6	26.3	22.3	85.5	23.01	19.7	0.0	24.4	24.4	7.9
9	15.5	25.0	20.1	85.6	20.28	17.6	0.2	0.0	0.2	1.5
10	17.5	26.0	21.4	78.3	20.10	17.4	0.0	49.8	49.8	6.3
11	15.6	22.0	19.3	91.9	20.32	17.7	8.2	0.0	8.2	1.2
12	17.6	23.0	19.1	96.2	21.33	18.5	0.1	0.9	1.0	0.5
13	16.0	20.0	18.9	96.7	20.99	18.3	61.1	0.0	61.1	0.0
14	17.5	23.6	20.1	89.1	20.99	18.2	0.0	0.0	0.0	2.9
15	18.0	25.5	22.1	83.5	22.20	19.1	0.0	0.9	0.9	5.5
16	18.5	25.5	21.9	88.7	23.60	20.1	0.0	2.9	2.9	5.0
17	18.4	25.0	21.8	83.4	22.14	19.1	0.0	0.0	0.0	5.0
18	17.5	25.0	21.8	84.8	22.36	19.2	0.0	0.0	0.0	7.1
19	19.0	26.0	21.5	88.5	22.93	19.7	0.0	0.0	0.0	2.7
20	18.5	27.0	22.2	79.4	21.41	18.5	0.0	9.5	9.5	5.4
21	17.5	26.0	21.3	88.6	22.75	19.5	0.0	8.3	8.3	2.4
22	17.5	25.0	21.3	93.6	23.84	20.3	0.2	0.0	0.2	1.3
23	18.5	27.0	22.6	79.2	21.40	18.6	0.0	20.3	20.3	4.7
24	18.0	24.4	20.6	93.0	22.77	19.6	20.7	9.7	30.4	2.1
25	17.5	24.0	19.9	92.2	21.64	18.7	6.5	2.9	9.4	1.1
26	17.4	23.0	19.5	91.0	21.16	18.3	1.8	0.5	2.3	0.6
27	16.5	20.0	17.7	97.9	20.12	17.6	11.0	0.0	11.0	0.0
28	15.5	22.4	18.6	94.8	20.32	17.7	0.0	18.0	18.0	0.9
29	15.5	23.0	19.0	93.2	20.63	17.9	0.0	7.5	7.5	1.6
PROM	17.4	24.3	20.6	88.2	21.53	18.6	112.1	199.5	312.0	87.2

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.988

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 W.

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	23.0	19.3	88.9	19.95	17.5	0.2	1.0	1.2	0.9
2	16.5	24.0	19.9	90.6	21.32	18.5	0.0	0.0	0.0	6.2
3	18.0	24.9	21.1	83.1	20.64	18.0	0.0	0.0	0.0	2.9
4	18.5	27.5	22.5	74.0	20.13	17.5	0.0	0.0	0.0	7.9
5	18.5	26.0	22.0	78.1	20.88	18.1	0.0	0.9	0.9	3.8
6	17.5	27.0	22.1	81.3	21.60	18.7	0.0	0.0	0.0	5.6
7	17.0	26.5	21.5	83.6	21.54	18.7	0.0	0.0	0.0	5.4
8	17.0	25.6	20.8	88.8	21.99	19.0	0.0	0.6	0.6	4.6
9	17.5	22.8	19.8	93.5	21.68	18.8	0.0	3.6	3.6	0.4
10	17.5	24.8	20.3	77.5	18.85	16.5	0.0	0.0	0.0	4.7
11	17.5	25.1	21.2	83.6	21.14	18.4	0.0	0.0	0.0	6.6
12	16.5	25.5	21.0	83.4	20.89	18.1	0.0	0.0	0.0	0.0
13	17.5	24.1	20.5	85.4	20.92	18.2	0.2	0.1	0.3	0.3
14	17.4	24.6	20.5	84.7	20.92	18.2	0.0	0.5	0.5	1.4
15	16.5	24.6	20.3	89.4	21.50	18.6	8.9	0.0	8.9	2.1
16	16.5	23.5	19.4	94.4	21.91	18.9	2.6	2.3	4.9	0.9
17	16.6	25.3	21.3	70.4	17.94	15.7	0.0	0.0	0.0	5.8
18	17.5	27.0	23.3	67.7	19.19	16.8	0.0	0.0	0.0	7.3
19	18.6	28.8	24.2	55.4	16.14	14.1	0.0	0.0	0.0	9.9
20	20.0	27.0	24.0	55.4	16.73	14.7	0.0	0.0	0.0	5.5
21	19.6	29.9	24.9	53.9	16.58	14.5	0.0	24.6	24.6	8.1
22	16.5	28.0	23.5	64.7	18.18	16.0	0.0	4.6	4.6	8.3
23	17.5	26.0	22.9	80.7	22.30	19.2	13.3	0.0	13.3	4.9
24	18.5	25.8	22.8	86.3	23.63	20.2	0.0	0.0	0.0	3.2
25	18.5	27.9	23.7	48.0	13.65	11.4	0.0	0.0	0.0	7.3
26	18.3	25.5	22.0	84.8	22.30	19.3	0.2	0.0	0.2	0.4
27	18.5	27.4	21.9	79.8	21.12	18.3	0.0	0.0	0.0	3.0
28	18.6	25.0	21.1	86.7	21.73	18.7	0.0	0.0	0.0	0.8
29	18.5	24.5	21.3	92.0	23.32	19.9	0.0	37.0	37.0	0.3
30	17.8	26.0	22.4	71.4	19.35	16.6	0.0	9.6	9.6	5.7
31	17.5	24.4	21.2	91.3	23.09	19.8	3.5	3.4	6.9	2.5
PROM.	17.7	25.7	21.7	79.0	20.36	17.6	28.9	88.2	117.1	126.7

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	18.5	24.4	21.7	89.1	22.89	19.6	0.1	5.3	5.4	2.2
2	18.4	22.4	20.4	94.1	22.67	19.5	0.0	0.3	0.3	0.0
3	18.8	24.2	21.1	89.0	22.69	19.4	2.1	28.2	30.3	2.6
4	17.0	25.6	20.8	87.4	21.53	18.6	0.0	0.0	0.0	6.2
5	18.8	26.6	22.3	84.2	22.62	19.5	0.1	5.5	5.6	3.1
6	17.4	21.4	18.9	91.9	20.31	17.7	61.5	0.0	61.5	0.5
7	17.2	23.0	20.2	85.7	20.20	17.6	0.0	6.1	6.1	3.0
8	18.4	21.8	20.1	93.7	21.77	18.8	0.0	10.5	10.5	1.2
9	17.8	21.0	19.0	94.8	20.78	18.1	10.2	5.0	15.2	0.0
10	17.6	22.0	20.0	94.4	22.09	19.1	4.5	15.7	20.2	0.8
11	17.0	24.6	19.3	90.3	20.36	17.8	1.3	0.3	1.6	0.7
12	16.8	23.7	19.8	91.6	21.52	18.6	1.1	49.6	50.7	5.6
13	16.5	21.4	18.7	89.4	19.28	16.9	3.9	0.6	4.5	0.5
14	17.0	23.2	20.1	93.3	21.96	18.9	1.9	15.7	17.6	3.7
15	17.0	24.5	20.4	92.4	22.17	19.1	0.0	1.6	1.6	4.2
16	16.8	23.8	20.3	91.6	21.78	18.8	0.0	0.2	0.2	2.0
17	17.4	24.4	21.1	80.8	20.70	17.9	0.0	0.0	0.0	5.5
18	18.0	25.4	21.2	86.8	22.51	19.3	0.0	23.0	23.0	3.2
19	18.5	24.3	20.9	89.0	22.25	19.2	2.9	8.1	11.0	3.5
20	18.0	24.8	21.3	88.0	22.80	19.5	0.0	35.4	35.4	4.5
21	16.5	23.4	20.5	87.2	21.39	18.5	16.0	39.0	55.0	2.6
22	17.0	22.8	19.2	95.8	21.61	18.7	0.0	35.0	35.0	3.1
23	17.0	23.6	20.3	86.8	20.95	18.1	0.0	35.0	35.0	3.5
24	17.8	23.0	20.5	88.6	21.53	18.6	0.0	5.6	5.6	2.5
25	18.2	24.8	21.4	86.7	22.04	19.0	0.0	60.0	60.0	4.3
26	17.5	23.0	20.6	86.6	21.05	18.2	0.0	39.1	39.1	2.7
27	18.0	24.0	20.1	90.3	21.81	18.8	0.0	1.7	1.7	3.4
28	17.4	24.3	21.0	85.9	21.31	18.4	0.0	22.5	22.5	6.2
29	18.2	25.0	20.9	88.9	22.19	19.1	0.0	0.0	0.0	2.4
30	18.2	24.6	20.4	82.9	20.35	17.8	0.0	19.9	19.9	5.9
PROM	17.6	23.7	20.4	89.2	21.57	18.6	105.6	468.9	574.5	89.6

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.988

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 W.

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	25.0	20.6	84.3	20.54	17.9	1.5	43.4	44.9	7.1
2	17.0	21.5	19.3	94.0	20.67	18.0	9.5	0.0	9.5	0.0
3	17.8	24.8	21.3	80.0	20.33	17.6	0.0	23.0	23.0	8.3
4	17.0	24.5	19.7	93.5	21.61	18.7	0.3	0.0	0.3	3.4
5	18.0	24.7	20.7	83.5	20.56	17.6	0.0	15.0	15.0	5.3
6	17.2	24.0	20.5	87.8	21.01	18.3	0.0	1.8	1.8	4.1
7	18.4	24.5	21.3	86.4	21.87	18.9	0.0	0.0	0.0	3.1
8	18.4	24.8	21.6	86.9	22.41	19.3	0.0	1.3	1.3	6.6
9	18.3	25.0	21.4	90.5	23.20	19.8	0.0	1.7	1.7	4.8
10	18.6	24.6	21.3	88.0	22.19	19.1	0.0	0.0	0.0	1.9
11	18.7	26.5	21.6	82.9	21.56	18.7	0.0	0.0	0.0	5.8
12	19.2	25.0	21.3	78.9	20.35	17.7	0.0	0.0	0.0	5.7
13	18.2	23.5	21.0	91.7	23.07	19.8	0.0	15.0	15.0	2.7
14	16.4	24.3	21.0	86.1	21.59	18.6	0.0	1.8	1.8	5.2
15	17.5	23.2	19.7	89.2	20.75	18.1	3.7	0.0	3.7	1.2
16	17.8	24.2	21.1	83.5	21.18	18.2	0.0	0.0	0.0	6.1
17	18.7	25.0	22.6	83.2	22.36	19.2	0.0	0.0	0.0	4.7
18	18.2	24.9	21.0	88.4	22.33	19.3	0.0	1.8	1.8	4.4
19	18.5	25.1	20.1	85.1	20.90	18.2	7.3	0.0	7.3	4.3
20	16.5	22.2	18.3	96.8	20.43	17.8	0.2	15.7	15.9	0.9
21	16.3	23.6	19.5	89.6	20.37	17.8	0.0	0.0	0.0	2.3
22	17.2	23.7	19.9	90.7	21.24	18.4	0.0	0.1	0.1	3.0
23	16.9	22.6	19.9	87.5	20.64	18.0	0.0	0.0	0.0	0.8
24	18.2	26.2	22.5	53.1	14.93	12.5	0.0	0.0	0.0	6.3
25	17.7	25.4	20.7	75.7	19.14	16.8	0.0	1.3	1.3	5.2
26	18.0	22.0	19.5	91.3	20.80	18.1	0.0	2.6	2.6	0.5
27	16.8	23.6	19.2	91.0	20.95	18.1	9.3	10.0	19.3	4.7
28	15.7	22.4	18.5	95.3	20.89	18.1	0.0	0.0	0.0	1.7
29	16.2	23.0	20.0	83.2	19.75	17.2	55.0	0.0	55.0	4.6
30	14.4	22.9	19.3	83.0	18.98	16.4	0.0	5.4	5.4	4.2
31	16.5	23.8	20.1	82.7	19.94	17.3	0.0	9.8	9.8	6.2
PROM.	17.5	24.1	20.5	85.9	20.86	18.0	86.8	149.7	236.5	125.1

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	14.8	23.3	19.0	80.2	17.96	15.6	0.0	0.0	0.0	5.3
2	16.4	21.4	18.1	95.9	20.38	17.7	8.8	8.1	16.9	0.3
3	15.9	21.5	18.6	85.9	18.32	16.1	0.2	0.0	0.2	0.0
4	16.4	22.5	19.1	72.9	16.11	14.1	0.0	0.1	0.1	6.2
5	15.8	23.0	19.4	75.5	17.51	15.2	0.0	0.0	0.0	10.7
6	16.4	25.3	20.9	76.9	19.03	16.7	0.0	1.0	1.0	10.8
7	16.7	24.8	20.6	77.0	18.92	16.6	0.0	0.0	0.0	9.3
8	16.8	25.0	20.8	71.0	17.59	15.5	0.0	0.0	0.0	6.0
9	17.2	23.0	19.2	78.9	17.72	15.6	0.3	0.0	0.3	4.0
10	16.2	23.2	18.9	82.8	18.25	16.0	0.0	0.0	0.0	4.9
11	15.7	23.6	19.1	75.8	16.79	14.8	0.0	0.0	0.0	5.5
12	16.0	23.4	18.6	82.5	17.86	15.7	0.0	9.8	9.8	7.3
13	15.3	22.7	18.6	88.3	19.15	16.7	0.0	38.8	38.8	3.9
14	14.7	22.8	17.8	87.1	18.15	15.9	0.0	0.0	0.0	5.4
15	16.0	23.8	20.1	79.1	18.71	16.4	0.0	0.0	0.0	9.7
16	16.0	23.4	19.1	84.5	19.25	16.7	3.7	10.5	14.2	2.7
17	14.4	22.2	17.9	87.7	18.40	15.9	0.0	6.5	6.5	2.2
18	14.9	20.0	16.7	92.4	17.94	15.7	0.0	1.1	1.1	0.0
19	15.0	22.0	18.9	82.6	18.18	15.9	0.0	0.0	0.0	6.2
20	15.1	22.2	18.5	86.6	18.89	16.5	0.0	0.0	0.0	5.0
21	15.4	23.4	19.6	87.9	20.32	17.7	0.0	20.0	20.0	5.2
22	16.4	22.4	19.3	92.0	20.48	17.8	8.0	2.0	10.0	2.3
23	14.2	22.5	18.5	80.2	17.50	15.3	0.0	30.4	30.4	3.8
24	14.0	22.7	17.6	88.8	17.63	15.5	0.0	2.9	2.9	3.3
25	14.8	19.2	17.0	91.1	17.69	15.5	18.3	0.0	18.3	2.1
26	14.7	21.4	18.0	88.9	18.51	16.2	0.0	0.0	0.0	4.7
27	15.4	23.5	20.3	87.1	20.79	18.1	0.0	3.4	3.4	8.9
28	15.8	22.4	19.0	89.6	19.89	17.4	4.8	0.9	5.7	3.5
29	15.4	23.0	19.1	85.0	19.02	16.7	0.0	0.0	0.0	5.6
30	16.0	23.6	20.1	75.6	18.10	15.9	0.0	1.8	1.8	0.9
PROM	15.6	22.8	19.0	83.7	18.50	16.2	44.1	137.3	181.4	151.7

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.968

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 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	15.8	21.0	17.9	91.5	18.86	16.6	0.0	0.0	0.0	1.1
2	15.3	21.4	17.2	95.2	19.16	16.7	46.0	0.5	46.5	1.5
3	15.5	21.8	17.8	94.3	19.49	17.0	0.6	9.3	9.9	3.0
4	14.8	20.4	17.0	94.5	18.52	16.3	0.0	9.4	9.4	1.5
5	15.0	19.6	16.8	95.3	18.47	16.2	0.0	0.0	0.0	0.4
6	15.2	21.0	17.1	93.9	18.35	16.1	0.2	21.9	22.1	0.8
7	14.4	22.1	18.7	76.2	16.64	14.6	0.0	1.8	1.8	7.6
8	15.8	21.6	18.2	90.7	19.17	16.8	0.0	0.0	0.0	4.2
9	15.6	23.1	18.8	82.9	18.05	15.9	0.0	0.0	0.0	9.7
10	15.8	23.4	19.3	74.7	16.97	14.9	0.0	0.0	0.0	7.6
11	15.6	23.4	19.1	69.9	15.30	13.2	0.0	0.0	0.0	7.2
12	15.8	22.6	18.9	76.1	16.85	14.8	0.2	0.0	0.2	8.0
13	13.7	21.0	17.1	74.8	14.24	12.2	0.0	0.0	0.0	6.1
14	14.8	24.8	19.9	48.9	11.27	8.7	0.0	0.0	0.0	9.9
15	15.4	23.5	20.1	60.3	14.43	12.3	0.0	0.0	0.0	10.4
16	16.4	25.0	20.3	56.8	13.63	11.5	0.0	0.0	0.0	3.9
17	15.9	24.0	20.1	66.0	15.73	13.8	0.0	0.0	0.0	8.7
18	15.7	24.2	19.1	75.9	17.13	15.0	0.0	0.0	0.0	6.9
19	15.4	24.0	20.1	62.3	14.35	12.3	0.0	0.0	0.0	6.9
20	15.2	24.1	19.7	67.9	15.45	13.5	0.0	0.0	0.0	4.3
21	15.8	24.8	19.9	70.9	16.68	14.6	0.0	0.0	0.0	8.4
22	16.0	23.9	19.4	77.9	17.98	15.8	0.0	0.0	0.0	0.9
23	16.0	24.0	19.3	80.7	18.24	16.1	0.0	0.0	0.0	2.4
24	16.3	23.2	20.3	74.3	17.71	15.6	0.0	21.2	21.2	5.8
25	14.0	22.4	19.2	77.9	16.87	14.6	0.0	0.5	0.5	7.2
26	14.8	23.1	18.2	83.7	17.48	15.4	0.0	0.0	0.0	6.0
27	15.0	23.8	20.0	57.7	13.11	10.8	0.0	0.0	0.0	9.7
28	15.5	23.9	20.0	72.3	16.60	14.4	0.0	0.5	0.5	8.1
29	16.0	25.0	20.8	67.4	16.22	14.1	0.0	1.6	1.6	6.5
30	15.0	22.0	17.6	92.8	18.81	16.5	0.0	0.1	0.1	2.5
31	15.4	24.7	20.1	76.2	17.87	15.7	0.0	0.0	0.0	7.6
PROM.	15.4	23.0	19.0	76.8	16.76	14.6	47.0	66.8	113.8	174.8

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	15.0	25.5	20.5	81.0	19.39	16.9	0.0	20.5	20.5	10.2
2	15.8	24.0	19.2	83.5	18.50	16.2	0.1	9.8	9.9	5.8
3	15.3	22.2	19.1	89.1	19.60	17.2	0.3	58.0	58.3	2.5
4	15.4	23.0	20.1	77.7	17.89	15.7	1.6	0.4	2.0	9.2
5	16.3	24.2	20.3	72.2	16.61	14.4	0.0	3.4	3.4	8.2
6	15.4	24.0	20.4	70.7	16.72	14.6	0.0	0.4	0.4	10.4
7	16.2	25.0	20.8	69.0	17.09	15.0	0.0	0.0	0.0	9.7
8	15.8	19.5	17.3	94.6	18.73	16.5	0.2	1.8	2.0	0.1
9	15.3	23.5	19.1	83.3	18.18	15.9	12.5	0.0	12.5	3.7
10	16.0	23.7	19.8	60.5	13.89	11.8	0.0	0.0	0.0	7.8
11	15.7	21.6	18.8	70.6	15.53	13.3	0.0	0.0	0.0	4.2
12	16.0	23.6	19.5	88.6	20.27	17.7	0.2	15.4	15.6	4.7
13	15.8	23.0	19.1	90.2	20.00	17.5	8.7	19.3	28.0	3.0
14	15.2	20.8	18.0	91.6	18.67	16.4	32.4	2.7	35.1	0.8
15	15.5	22.5	18.4	86.5	18.26	16.1	0.6	3.7	4.3	1.9
16	15.8	23.0	18.9	92.8	20.35	17.7	3.1	0.1	3.2	4.1
17	15.4	21.8	18.6	81.8	17.72	15.3	0.3	0.0	0.3	0.7
18	15.8	23.7	20.5	74.4	17.81	15.6	0.0	5.9	5.9	9.5
19	15.2	22.9	18.3	91.0	19.15	16.8	24.0	20.5	44.5	3.8
20	14.4	21.8	18.1	91.2	18.92	16.5	6.6	6.2	12.8	3.7
21	15.0	20.8	17.7	91.8	18.59	16.3	5.5	4.4	9.9	1.4
22	15.3	22.0	18.0	87.2	18.09	15.9	0.0	0.0	0.0	2.5
23	15.2	24.0	20.4	72.0	17.23	15.2	0.0	31.6	31.6	8.6
24	14.0	22.4	19.2	85.7	19.02	16.7	0.0	0.7	0.7	2.8
25	15.6	22.0	18.2	95.2	20.01	17.5	0.0	6.0	6.0	2.7
26	15.8	21.4	18.7	93.5	20.23	17.6	0.0	62.8	62.8	2.4
27	14.0	20.4	17.2	85.2	16.80	14.7	11.7	0.0	11.7	1.6
28	15.7	22.4	19.0	85.5	18.90	16.6	0.0	0.0	0.0	7.1
29	16.4	22.0	19.2	93.9	20.97	18.2	0.0	0.0	0.0	1.7
30	14.0	21.5	17.3	89.1	17.75	15.5	1.7	5.6	7.3	1.9
31	13.0	18.0	15.9	96.5	17.41	15.3	32.3	0.0	32.3	0.0
PROM	15.3	22.5	18.9	84.4	18.33	16.0	141.8	279.2	421.0	136.7

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.988

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 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	14.4	24.3	18.4	77.1	17.10	14.8	0.0	59.5	59.5	7.1
2	14.0	23.0	18.3	85.1	17.58	15.4	2.8	0.2	3.0	8.6
3	15.7	23.2	19.7	76.5	17.23	15.0	0.0	3.0	3.0	7.0
4	15.8	22.4	19.3	83.1	16.16	16.0	0.0	31.5	31.5	6.4
5	15.9	22.3	19.1	90.4	20.11	17.5	0.0	3.8	3.8	5.1
6	16.0	23.5	19.4	87.3	19.54	17.1	0.0	34.0	34.0	7.1
7	15.8	20.6	18.0	95.4	19.81	17.3	1.7	0.0	1.7	1.1
8	15.0	20.2	18.0	90.0	18.49	16.2	31.0	0.4	31.4	0.5
9	15.1	23.3	18.9	85.5	18.54	16.3	0.0	66.0	66.0	9.0
10	14.8	20.8	17.5	90.7	18.13	15.9	1.7	0.0	1.7	2.1
11	15.4	22.0	18.6	91.5	19.77	17.3	0.0	10.0	10.0	0.9
12	15.0	18.6	18.1	80.2	16.40	14.1	0.0	0.0	0.0	0.0
13	16.0	22.8	18.9	88.4	19.45	17.0	0.0	11.4	11.4	1.9
14	14.0	22.4	18.2	80.9	16.88	14.7	0.0	0.0	0.0	3.6
15	15.8	24.4	19.9	76.5	17.86	15.5	0.0	0.0	0.0	8.3
16	16.0	25.4	20.8	75.6	18.89	16.3	0.0	0.2	0.2	11.0
17	15.2	23.4	19.3	86.7	19.32	16.9	1.1	18.4	19.5	8.6
18	14.4	23.6	18.0	95.1	19.64	17.1	0.0	73.1	73.1	4.0
19	15.0	21.0	17.6	94.0	18.98	16.7	3.9	9.1	13.0	0.9
20	14.6	21.5	18.4	92.2	19.60	17.1	0.0	29.7	29.7	2.7
21	14.0	21.4	17.7	92.4	18.50	16.2	13.4	0.5	13.9	4.4
22	15.5	22.4	19.1	87.9	19.63	17.2	0.0	9.1	9.1	2.5
23	15.0	22.3	19.1	89.3	19.76	17.3	0.0	1.5	1.5	4.5
24	16.0	23.4	19.3	89.5	20.46	17.6	0.0	10.0	10.0	5.1
25	14.8	23.2	20.4	77.8	18.85	16.4	0.0	24.8	24.8	8.2
26	14.7	23.1	19.2	80.2	16.13	15.9	0.0	0.0	0.0	3.1
27	15.3	23.5	18.9	79.5	17.40	15.2	0.0	0.0	0.0	9.2
28	16.4	22.4	19.1	91.5	20.41	17.8	0.0	0.0	0.0	3.9
29	16.8	23.5	20.0	82.3	18.85	16.6	0.0	0.0	0.0	4.0
30	16.6	21.0	18.0	88.8	18.57	16.3	0.0	0.0	0.0	0.4
PROM.	15.3	22.5	18.8	86.0	18.73	16.4	55.6	396.2	451.8	141.2

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	15.5	23.6	18.6	86.1	18.62	16.3	0.0	46.4	46.4	2.5
2	15.6	21.5	18.2	87.9	18.18	15.9	0.0	35.7	35.7	1.3
3	15.1	22.6	18.6	91.0	19.64	17.2	0.0	19.7	19.7	6.4
4	15.2	22.5	19.1	88.5	19.67	17.2	0.0	23.2	23.2	4.2
5	16.5	23.5	19.9	90.8	21.21	18.3	0.5	1.8	2.3	3.5
6	16.2	24.0	19.2	91.0	20.64	18.0	21.0	9.6	30.6	4.7
7	16.8	21.5	19.2	94.0	20.95	18.2	0.0	11.7	11.7	1.4
8	15.8	20.5	18.1	91.2	19.07	16.7	2.5	0.0	2.5	0.0
9	16.3	24.0	19.4	90.9	20.56	17.9	0.0	0.0	0.0	6.1
10	16.5	25.5	20.5	84.2	20.63	17.8	0.0	0.0	0.0	9.6
11	16.4	24.2	20.6	88.4	21.58	18.7	0.0	0.0	0.0	7.9
12	16.2	22.2	18.6	91.0	19.97	17.5	0.2	24.0	24.2	1.1
13	15.7	21.0	17.4	91.7	18.20	16.0	20.7	10.3	31.0	2.2
14	14.5	21.5	17.9	85.0	17.62	15.5	0.0	15.5	15.5	0.8
15	15.0	18.6	16.5	87.9	16.31	14.3	9.9	0.9	10.8	0.1
16	15.4	21.0	18.1	93.3	19.47	17.0	5.5	10.6	16.1	0.0
17	15.7	22.4	17.2	95.4	19.13	16.8	7.9	41.0	48.9	2.2
18	14.6	22.3	19.0	89.2	19.84	17.3	0.0	6.8	6.8	1.5
19	16.0	22.2	19.2	94.4	21.06	18.3	0.0	0.0	0.0	3.5
20	16.2	24.2	20.0	91.1	21.34	18.4	0.0	20.5	20.5	6.4
21	15.4	24.4	19.2	93.0	20.95	18.2	2.0	13.4	15.4	4.6
22	15.2	21.6	18.5	87.8	18.84	16.5	0.2	0.0	0.2	0.0
23	15.5	22.8	19.3	88.6	19.93	17.4	0.0	0.0	0.0	4.6
24	16.8	24.6	20.0	84.2	20.21	17.6	0.0	5.8	5.8	6.2
25	15.2	23.4	18.8	84.4	18.89	16.5	0.0	5.9	5.9	2.7
26	14.4	22.0	18.4	91.5	19.34	16.9	9.3	3.8	13.1	3.0
27	15.5	22.5	18.9	86.5	19.16	16.8	0.0	28.1	28.1	1.3
28	14.4	22.2	18.2	90.6	19.25	16.8	7.1	0.0	7.1	0.3
29	15.6	24.8	19.4	83.2	19.19	16.8	0.0	3.4	3.4	2.4
30	16.4	23.4	19.8	90.6	21.34	18.5	6.0	21.3	27.3	5.0
31	16.7	22.5	19.9	89.9	21.05	18.3	0.0	2.9	2.9	2.1
PROM	15.7	22.7	18.9	89.5	19.74	17.2	92.8	362.3	455.1	97.6

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.968

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 W.

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.0	19.7	91.3	21.26	18.4	6.6	1.0	7.6	1.5
2	16.0	23.5	19.0	93.7	20.88	18.1	0.0	32.6	32.6	1.5
3	15.8	21.4	18.9	87.6	19.17	16.8	0.0	0.0	0.0	0.0
4	16.8	23.6	20.5	86.1	20.65	18.0	0.0	0.0	0.0	6.6
5	16.0	25.6	21.4	84.3	21.82	18.9	0.0	1.5	1.5	6.9
6	15.5	24.8	19.9	83.1	19.49	17.0	0.0	0.0	0.0	2.8
7	16.8	24.5	20.0	89.1	20.96	18.2	0.0	23.6	23.6	3.8
8	16.0	24.2	19.4	86.9	19.95	17.4	0.0	0.0	0.0	5.0
9	17.0	24.4	19.9	87.4	20.65	18.0	0.0	15.1	15.1	7.4
10	16.0	24.3	19.1	92.0	20.48	17.9	0.0	51.0	51.0	2.5
11	16.2	21.0	18.3	92.8	19.41	17.0	2.9	21.3	24.2	0.0
12	16.7	23.2	19.6	90.6	20.94	18.2	0.0	0.9	0.9	2.9
13	16.2	23.3	19.6	90.2	20.67	18.0	32.0	37.9	69.9	1.0
14	16.0	23.0	19.4	90.5	20.69	18.0	0.1	10.5	10.6	2.3
15	15.8	21.9	18.6	92.5	19.72	17.3	0.0	9.5	9.5	0.8
16	16.5	20.9	18.8	94.5	20.57	17.9	4.8	8.8	13.6	0.7
17	17.0	23.8	19.1	96.8	21.45	18.6	0.4	3.3	3.7	1.6
18	16.6	24.0	19.6	91.2	20.91	18.2	0.0	29.9	29.9	3.6
19	16.4	24.4	19.2	89.6	20.10	17.6	15.3	9.1	24.4	1.2
20	16.3	20.7	18.0	92.7	19.18	16.8	3.7	39.2	42.9	0.1
21	16.4	20.8	18.1	95.3	19.96	17.5	1.3	34.3	35.6	0.1
22	16.6	23.5	19.7	90.7	21.07	18.3	0.0	44.7	44.7	5.2
23	16.7	23.9	19.7	92.0	21.32	18.5	0.0	3.8	3.8	4.4
24	16.4	23.8	18.0	93.1	19.78	17.3	15.5	7.0	22.5	1.3
25	16.5	23.7	19.1	92.3	20.69	18.0	0.0	0.0	0.0	2.9
26	16.3	22.6	19.3	91.3	20.63	18.0	0.4	0.0	0.4	1.6
27	16.9	23.7	19.7	92.4	21.51	18.6	0.0	0.2	0.2	1.4
28	17.4	24.9	20.5	91.6	22.48	19.3	33.0	0.0	33.0	3.3
29	15.6	21.8	18.8	90.3	19.74	17.2	9.5	1.1	10.6	1.3
30	16.4	21.4	18.4	94.8	20.09	17.6	39.4	20.7	60.1	2.2
PROM.	16.4	23.2	19.3	90.9	20.54	17.9	164.9	407.0	571.9	75.9

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	23.5	19.6	93.3	21.44	18.6	2.9	14.3	17.2	1.4
2	16.7	23.0	19.1	91.9	20.35	17.8	0.6	96.8	97.4	1.2
3	15.2	21.8	17.8	93.8	19.33	16.9	1.9	3.0	4.9	0.5
4	16.4	22.8	18.8	92.5	20.35	17.7	6.5	41.6	48.1	3.7
5	15.1	22.5	19.1	92.0	20.47	17.9	0.0	9.9	9.9	1.3
6	16.4	22.4	18.6	94.4	20.44	17.8	0.0	0.0	0.0	2.2
7	16.0	23.5	19.2	92.2	20.77	18.0	0.0	30.0	30.0	3.2
8	15.4	22.3	18.0	89.4	18.83	16.5	0.2	0.0	0.2	2.6
9	16.6	23.0	18.9	89.9	19.87	17.4	4.1	3.0	7.1	3.3
10	16.4	23.6	19.6	92.2	21.21	18.4	0.0	0.0	0.0	4.2
11	16.8	23.5	19.9	88.9	20.81	18.1	0.0	11.3	11.3	4.8
12	16.7	23.0	19.7	90.0	20.78	18.0	0.6	105.3	105.9	2.8
13	15.9	22.9	18.8	95.3	21.13	18.3	9.4	18.4	27.8	3.1
14	16.0	24.0	19.0	91.3	20.20	17.6	0.0	12.3	12.3	3.2
15	17.1	24.2	19.4	94.7	21.47	18.6	0.0	5.7	5.7	3.1
16	17.5	24.8	20.3	92.3	22.12	19.1	0.0	19.3	19.3	5.9
17	15.5	22.8	19.3	90.8	20.70	18.0	0.0	1.4	1.4	4.4
18	17.3	22.6	19.0	82.7	18.48	16.2	0.6	16.7	17.3	3.2
19	16.4	22.9	19.0	90.3	20.20	17.6	0.0	0.0	0.0	6.0
20	16.0	24.5	19.7	89.5	21.00	18.2	0.0	4.7	4.7	7.5
21	16.4	23.5	19.2	88.0	19.72	17.2	1.3	13.3	14.6	4.5
22	16.2	24.2	18.4	93.6	19.97	17.4	1.2	0.0	1.2	1.5
23	16.5	23.6	19.2	87.7	19.96	17.4	0.0	0.0	0.0	3.0
24	16.8	22.7	19.2	90.7	20.48	17.8	0.0	0.6	0.6	3.5
25	17.1	23.5	19.5	90.9	21.00	18.2	0.0	6.6	6.6	3.2
26	16.6	23.8	19.4	91.9	20.94	18.3	0.0	0.0	0.0	2.4
27	17.4	24.5	20.0	86.7	20.61	17.9	0.0	0.0	0.0	3.1
28	17.1	23.8	19.6	90.9	20.87	18.1	0.0	10.7	10.7	3.5
29	16.2	23.5	19.0	92.1	20.43	17.8	0.4	0.0	0.4	0.8
30	16.8	22.9	18.7	93.6	20.33	17.7	12.6	6.2	18.8	1.2
31	16.3	22.5	19.0	92.1	20.26	17.7	0.7	34.2	34.9	0.3
PROM	16.4	23.3	19.2	91.1	20.47	17.8	43.0	465.3	508.3	94.6

ESTACION: SANTA ELENA MUNICIPIO: MARQUETALIA AÑO: 1.988

ALTITUD: 1.450 LATITUD: 5-18 N. LONGITUD: 75-09 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.1	24.0	20.5	15.0	26.0	86.8	20.88	18.1	254.6	17	
FEBRERO	17.4	24.3	20.6	15.5	26.0	88.2	21.53	18.6	312.0	23	87.2
MARZO	17.7	25.7	21.7	15.6	29.9	79.0	20.36	17.6	117.1	15	126.7
ABRIL	17.6	23.7	20.4	16.5	26.6	89.2	21.57	18.6	374.5	27	89.6
MAYO	17.5	24.1	20.5	14.4	26.5	85.5	20.86	18.0	236.5	21	125.1
JUNIO	15.6	22.8	19.0	14.0	25.3	83.7	18.50	16.2	181.4	18	151.7
JULIO	15.4	23.0	19.0	13.7	25.0	76.8	16.76	14.6	113.8	11	174.8
AGOSTO	15.3	22.5	18.9	13.0	25.5	84.4	18.33	16.0	421.0	25	136.7
SEPTIEMBRE	15.3	22.5	18.8	14.0	25.4	86.0	18.73	16.4	451.8	22	141.2
OCTUBRE	15.7	22.7	18.9	14.4	25.5	89.5	19.74	17.2	455.1	26	97.6
NOVIEMBRE	16.4	23.2	19.3	15.5	25.6	90.5	20.54	17.9	571.9	25	75.9
DICIEMBRE	16.4	23.3	19.2	15.1	24.8	91.1	20.47	17.8	508.3	25	94.6
PROMEDIO	16.5	23.5	19.7	14.7	26.2	86.0	19.85	17.3			
TOTAL									4198.0	255	

ESTACION: AGRONUMIA MUNICIPIO: MANIZALES AÑO: 1.988

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	13.6	24.4	19.1	66.3	14.03	12.0	0.9	0.0	0.9	
2	13.5	24.3	18.9	70.1	14.76	12.8	0.0	0.0	0.0	6.3
3	14.0	24.0	18.6	76.7	16.15	14.1	0.0	0.0	0.0	6.0
4	14.2	23.6	18.5	76.8	16.14	14.1	0.0	0.0	0.0	4.5
5	14.1	24.7	18.2	76.8	16.12	14.1	0.0	0.0	0.0	4.0
6	14.2	22.4	18.1	74.9	15.42	13.4	0.2	0.0	0.2	4.3
7	13.6	24.0	18.9	70.6	15.09	13.1	0.0	0.0	0.0	3.2
8	13.2	25.3	19.8	69.7	15.42	13.4	0.0	0.0	0.0	9.4
9	14.2	25.5	19.6	70.1	15.57	13.6	0.0	0.0	0.0	3.3
10	14.0	25.2	19.9	67.6	15.07	13.1	0.0	0.0	0.0	6.4
11	13.5	24.0	19.1	70.2	15.06	13.0	0.0	0.0	0.0	7.2
12	13.2	24.2	18.8	63.4	13.36	11.2	0.0	0.0	0.0	9.8
13	12.0	25.6	17.8	73.1	14.75	12.6	0.3	0.0	0.3	7.8
14	14.5	22.0	18.3	78.4	16.01	14.0	1.5	0.1	1.6	
15	14.4	23.0	17.3	79.5	15.62	13.7	18.5	0.5	19.0	3.0
16	13.0	20.0	16.6	80.8	15.08	13.1	0.7	0.0	0.7	
17	12.0	21.8	18.5	69.1	14.00	11.8	4.1	0.7	4.8	4.6
18	13.5	21.5	17.1	80.9	15.44	13.5	0.3	24.1	24.4	
19	14.0	23.5	18.0	74.9	15.09	13.1	1.0	0.0	1.0	5.8
20	13.5	24.4	17.8	69.3	13.90	11.9	0.0	0.0	0.0	6.8
21	13.6	23.8	19.4	68.7	14.72	12.7	0.0	0.0	0.0	7.0
22	14.0	24.0	18.0	67.6	13.61	11.5	0.0	0.0	0.0	4.5
23	12.5	23.5	19.3	62.1	12.95	10.8	0.0	0.0	0.0	2.4
24	13.4	24.5	18.6	69.5	14.28	12.3	0.0	0.0	0.0	4.7
25	14.5	24.5	19.1	66.1	14.14	12.1	0.0	0.3	0.3	5.2
26	14.4	24.7	19.4	61.6	13.16	10.9	0.0	0.0	0.0	6.4
27	13.0	24.8	18.9	58.1	12.36	10.1	0.0	0.0	0.0	
28	13.5	26.8	18.3	61.8	12.49	10.2	0.0	0.0	0.0	1.9
29	13.6	20.8	16.7	80.0	15.25	13.2	0.0	0.0	0.0	9.5
30	13.5	21.0	16.8	74.5	14.25	12.2	0.0	0.0	0.0	0.2
31	13.7	24.5	19.7	58.6	12.46	10.2	0.0	0.0	0.0	2.7
PROM.	13.6	23.8	18.5	70.6	14.57	12.5	27.5	25.7	53.2	

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	25.5	19.4	67.0	14.68	12.7	0.0	0.0	0.0	6.1
2	15.0	22.6	18.2	79.0	16.30	14.3	0.0	0.0	0.0	7.9
3	13.5	24.0	17.6	68.9	13.62	11.5	0.0	5.0	5.0	3.2
4	13.8	20.5	16.0	89.2	16.02	14.0	2.3	0.0	2.3	0.0
5	13.4	22.5	18.3	71.1	14.51	12.5	0.0	0.9	0.9	4.0
6	13.8	21.6	17.9	74.2	14.97	13.0	0.7	0.0	0.7	4.5
7	14.0	25.0	20.0	66.5	14.93	12.9	0.0	0.0	0.0	5.5
8	14.4	25.4	19.9	64.5	14.39	12.4	0.0	22.2	22.2	7.4
9	14.0	18.2	16.3	84.3	15.46	13.5	0.0	0.0	0.0	2.3
10	12.7	20.5	17.6	78.8	15.48	13.5	0.0	0.1	0.1	1.9
11	14.0	18.4	16.1	84.6	15.37	13.4	0.6	0.0	0.6	0.0
12	13.5	23.0	18.2	75.4	15.35	13.4	9.0	6.8	15.8	3.1
13	13.2	20.0	17.3	83.0	15.90	13.9	0.0	0.0	0.0	
14	14.0	23.4	18.7	74.6	15.58	13.6	0.0	0.0	0.0	
15	14.0	23.3	18.8	71.1	14.89	12.9	0.0	0.0	0.0	
16	13.5	24.4	18.9	72.8	15.43	13.4	0.0	0.0	0.0	4.0
17	14.4	24.6	19.6	73.1	16.38	14.4	0.0	0.0	0.0	
18	13.4	25.4	19.3	65.7	14.15	12.1	0.0	0.0	0.0	
19	13.8	25.5	19.1	67.3	14.38	12.4	0.0	0.0	0.0	
20	14.5	25.0	19.3	70.2	15.22	13.3	0.0	0.0	0.0	5.9
21	14.0	23.0	18.0	67.0	13.71	11.6	0.0	1.4	1.4	3.8
22	14.0	22.2	18.4	75.5	15.53	13.6	0.0	0.0	0.0	1.8
23	14.8	23.5	18.7	78.9	16.61	14.6	0.8	0.0	0.8	1.3
24	14.0	22.3	18.0	77.9	16.15	14.2	0.6	0.0	0.6	0.4
25	14.0	22.4	17.8	84.8	17.15	15.1	14.6	18.0	32.6	4.7
26	12.0	20.5	17.1	83.3	16.24	14.2	0.3	37.0	37.3	2.5
27	12.0	16.0	14.2	94.1	15.03	13.1	19.3	0.0	19.3	1.4
28	11.8	22.7	17.6	72.5	14.08	12.0	0.0	0.0	0.0	3.7
29	13.0	24.4	18.1	73.0	14.97	13.0	0.0	0.2	0.2	
PROM	13.7	22.6	18.1	75.5	15.26	13.3	48.2	91.6	139.8	

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.988

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

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	24.0	18.5	75.6	15.83	13.9	0.0	0.0	0.0	7.1
2	13.4	23.2	18.5	71.2	14.45	12.5	0.0	0.0	0.0	4.1
3	12.8	24.4	18.7	65.2	13.38	11.3	0.0	0.0	0.0	5.7
4	14.5	23.4	17.9	70.4	14.11	12.1	0.0	0.0	0.0	2.1
5	13.4	24.0	18.3	66.1	13.41	11.3	0.0	0.0	0.0	6.4
6	13.3	24.5	19.0	68.6	14.52	12.5	0.0	0.0	0.0	4.1
7	13.5	23.4	18.2	61.1	12.32	10.0	0.0	0.0	0.0	4.6
8	13.5	24.0	18.2	76.7	15.88	13.9	0.0	73.0	73.0	
9	13.6	15.0	14.1	96.7	15.65	13.7	33.5	0.6	34.1	
10	13.0	24.5	18.1	71.3	14.95	13.0	0.0	0.0	0.0	
11	13.0	24.4	18.5	61.1	12.43	10.2	0.0	0.0	0.0	9.2
12	13.5	23.0	18.4	68.3	13.98	11.9	0.0	0.0	0.0	4.9
13	13.5	23.4	17.3	72.9	14.29	12.3	5.4	0.0	5.4	5.6
14	13.0	24.6	16.8	69.4	13.52	11.3	1.4	0.0	1.4	7.8
15	12.0	24.0	18.5	65.2	13.40	11.2	0.0	0.0	0.0	6.9
16	13.0	22.0	16.3	77.1	14.49	12.5	6.6	0.4	7.0	4.0
17	12.8	22.6	18.3	65.1	13.32	11.2	0.0	0.0	0.0	3.9
18	13.4	25.0	19.8	63.0	13.54	11.4	0.0	0.0	0.0	8.2
19	13.8	25.1	19.2	67.5	14.51	12.5	0.0	0.0	0.0	7.3
20	14.0	25.4	20.0	66.3	14.74	12.8	0.0	0.0	0.0	6.1
21	16.5	26.8	21.1	43.7	10.95	6.2	0.0	0.0	0.0	9.4
22	13.7	24.2	18.4	70.9	14.74	12.8	0.0	0.0	0.0	4.8
23	13.8	24.0	18.2	74.4	15.33	13.4	0.0	0.0	0.0	2.7
24	13.5	24.6	19.0	69.2	14.34	12.4	0.0	0.0	0.0	4.3
25	13.7	24.0	19.3	57.4	12.68	10.4	0.0	0.0	0.0	1.0
26	13.5	22.4	18.7	66.9	14.17	12.2	0.0	0.0	0.0	1.5
27	14.0	24.0	18.4	70.3	14.45	12.4	0.0	0.0	0.0	1.2
28	14.0	22.4	17.6	76.3	15.37	13.4	0.0	0.0	0.0	0.9
29	13.8	20.8	16.9	83.5	16.11	14.1	0.0	3.0	3.0	0.1
30	14.8	21.0	17.0	87.8	16.92	14.9	0.0	0.0	0.0	1.5
31	13.0	22.6	18.9	72.2	15.47	13.5	0.0	6.8	6.8	3.0
PROM.	13.6	23.4	18.3	70.0	14.30	12.2	46.9	83.8	130.7	

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	22.0	18.2	81.0	16.72	14.7	0.0	0.0	0.0	1.2
2	14.5	18.5	16.3	86.0	15.90	13.9	0.0	0.0	0.0	0.1
3	14.7	20.6	16.9	82.7	15.91	13.9	19.0	3.6	22.6	0.0
4	14.5	21.0	17.6	84.8	16.90	14.9	0.0	0.0	0.0	1.2
5	14.2	22.6	17.1	80.0	15.69	13.7	8.9	5.5	14.4	3.7
6	14.0	18.4	15.3	95.6	16.57	14.6	2.1	0.0	2.1	
7	13.2	22.1	16.5	81.9	15.39	13.4	4.5	0.0	4.5	0.9
8	14.7	23.0	17.6	85.3	16.99	14.9	0.4	4.1	4.5	
9	15.2	18.6	16.6	87.9	16.85	14.8	7.8	0.5	8.3	
10	14.5	19.2	16.0	86.4	15.82	13.9	2.5	6.8	9.3	
11	13.8	18.0	15.5	93.2	16.43	14.4	1.3	0.0	1.3	
12	13.2	18.8	15.3	92.9	16.33	14.3	5.5	14.1	19.6	1.9
13	13.0	17.4	14.8	95.5	16.09	14.1	3.0	0.0	3.0	
14	12.0	22.5	15.8	79.1	14.23	12.2	3.4	0.0	3.4	2.5
15	13.5	20.0	15.9	85.4	15.51	13.5	12.3	3.3	15.6	0.6
16	14.0	22.4	17.7	81.2	16.10	14.1	0.0	0.9	0.9	5.3
17	13.8	23.8	18.5	70.1	14.70	12.7	0.0	0.0	0.0	5.1
18	13.8	22.0	17.4	83.1	16.39	14.3	0.0	16.9	16.9	
19	14.0	20.0	17.5	89.2	17.54	15.4	0.0	0.0	0.0	3.5
20	14.0	23.5	17.1	84.4	16.40	14.4	0.0	14.1	14.1	3.2
21	12.8	20.0	16.3	82.5	15.13	13.1	0.2	0.0	0.2	2.3
22	13.0	22.4	16.4	79.4	14.83	12.8	0.3	1.1	1.4	2.4
23	13.8	21.4	17.5	77.0	15.24	13.2	0.0	0.0	0.0	
24	13.0	21.0	16.3	79.2	14.85	12.8	8.7	0.0	8.7	2.6
25	14.0	22.0	16.8	82.8	15.91	13.9	0.8	0.0	0.8	2.3
26	13.4	19.0	15.6	88.4	15.81	13.8	4.0	0.0	4.0	2.8
27	13.0	20.8	16.7	83.6	15.73	13.7	3.6	0.0	3.6	1.0
28	12.8	23.0	18.1	76.3	15.66	13.6	1.1	0.0	1.1	
29	14.6	20.2	16.8	84.0	16.24	14.3	2.6	5.3	7.9	3.1
30	13.0	20.0	16.1	81.3	14.67	12.7	0.2	7.1	7.3	3.4
PROM	13.7	20.8	16.7	84.0	15.88	13.9	92.2	83.3	175.5	

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.988

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.0	22.0	17.6	74.3	14.94	13.0	0.7	0.0	0.7	0.7
2	14.0	23.0	17.1	69.8	13.22	11.1	5.6	0.0	5.6	
3	12.8	21.6	16.8	75.8	14.20	12.2	0.0	33.0	33.0	
4	13.8	18.6	16.0	88.7	16.27	14.2	5.0	0.0	5.0	3.1
5	12.4	22.3	17.2	80.0	15.35	13.3	0.0	0.0	0.0	5.7
6	14.0	21.5	16.8	76.3	14.69	12.7	1.5	0.0	1.5	3.6
7	13.0	22.2	17.2	78.0	15.40	13.3	9.1	0.0	9.1	4.9
8	13.4	23.1	17.5	74.0	15.03	13.1	0.0	0.3	0.3	
9	14.4	23.0	18.5	77.7	16.21	14.2	0.0	0.0	0.0	4.9
10	14.7	22.8	17.5	77.8	15.54	13.6	1.1	0.0	1.1	1.2
11	13.0	21.5	16.9	79.6	15.26	13.2	0.7	0.0	0.7	4.0
12	14.0	20.5	16.6	82.8	15.64	13.6	1.4	0.0	1.4	2.4
13	13.0	21.5	17.3	84.7	16.62	14.5	0.8	3.7	4.5	3.6
14	13.5	21.0	16.5	88.8	16.68	14.6	0.0	0.0	0.0	7.8
15	12.7	22.0	16.8	78.7	15.26	13.3	10.9	0.1	11.0	
16	12.5	23.6	18.8	74.1	15.51	13.5	0.0	0.0	0.0	
17	13.2	22.7	17.9	77.5	15.78	13.7	6.8	2.0	8.8	2.3
18	13.0	20.0	16.2	83.6	15.56	13.6	1.1	2.2	3.3	2.4
19	12.4	20.6	16.4	85.3	15.85	13.8	1.0	0.0	1.0	5.6
20	14.0	20.3	16.6	86.8	16.49	14.5	0.2	0.0	0.2	2.2
21	13.0	20.2	16.4	84.0	15.52	13.5	0.4	0.0	0.4	1.7
22	13.2	22.8	17.4	77.7	15.33	13.3	0.3	0.0	0.3	6.1
23	14.0	22.0	17.8	78.1	16.31	14.3	0.0	0.0	0.0	5.3
24	14.2	23.4	18.6	67.5	14.40	12.4	0.0	0.0	0.0	1.6
25	14.5	21.6	17.9	82.0	16.81	14.8	0.0	0.7	0.7	1.4
26	14.0	20.4	16.3	84.6	15.71	13.7	0.2	0.0	0.2	
27	13.5	20.0	16.2	82.3	15.09	13.1	4.9	0.0	4.9	4.3
28	13.8	20.5	17.1	83.8	16.07	14.1	0.0	0.0	0.0	
29	13.7	22.7	17.2	77.3	15.08	13.1	11.2	21.2	32.4	5.3
30	12.4	21.4	16.7	81.0	15.17	13.1	0.0	0.0	0.0	2.5
31	12.7	19.8	15.7	89.0	15.88	13.8	0.1	3.3	3.4	2.6
PROM.	13.4	21.6	17.1	80.1	15.51	13.5	63.0	66.5	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	13.0	20.2	16.1	84.9	15.61	13.5	0.0	4.6	4.6	2.1
2	13.1	18.6	16.6	75.9	14.41	12.4	0.2	3.7	3.9	0.1
3	12.8	22.0	17.5	70.8	14.42	12.0	0.0	0.0	0.0	4.0
4	12.6	22.1	16.6	72.3	13.59	11.5	0.0	0.1	0.1	
5	13.4	23.2	18.0	57.1	11.52	9.1	0.0	0.0	0.0	6.2
6	13.9	22.3	17.7	70.5	14.17	12.1	0.3	0.0	0.3	7.8
7	13.2	22.0	17.6	70.8	14.32	12.3	0.0	0.0	0.0	6.6
8	13.0	20.3	17.0	83.1	16.06	14.0	2.4	0.0	2.4	1.6
9	13.4	19.4	16.3	83.7	15.52	13.5	10.1	0.0	10.1	0.9
10	13.8	20.0	16.1	87.9	16.15	14.1	0.7	1.6	2.3	0.8
11	13.8	20.2	15.6	85.1	15.01	13.0	0.3	3.4	3.7	1.5
12	14.0	19.2	15.8	86.6	15.73	13.8	0.4	2.1	2.5	0.3
13	13.5	19.3	16.2	90.6	16.61	14.6	1.4	6.3	7.7	1.8
14	13.5	18.8	15.2	86.0	15.12	13.2	2.6	0.0	2.6	1.1
15	12.0	21.5	16.7	76.9	14.65	12.5	3.2	6.9	10.1	5.4
16	13.0	18.3	14.5	89.0	14.81	12.8	30.2	15.9	46.1	1.3
17	11.7	19.5	15.6	76.6	13.59	11.5	0.0	0.0	0.0	2.9
18	12.9	17.3	14.5	87.3	14.52	12.5	13.2	4.7	17.9	0.0
19	12.7	17.7	14.8	85.1	14.21	12.2	0.2	1.1	1.3	0.8
20	13.0	20.8	16.2	81.5	14.97	13.0	1.0	0.0	1.0	2.1
21	12.3	22.8	17.4	73.2	14.36	12.4	0.0	0.2	0.2	6.8
22	12.7	22.3	16.2	73.8	13.85	11.8	20.2	7.2	27.4	6.2
23	12.5	19.7	15.7	83.3	14.78	12.8	0.1	7.2	7.3	2.4
24	12.2	19.0	14.7	84.6	14.10	12.1	1.6	10.2	11.8	0.2
25	11.8	16.4	14.2	88.1	14.28	12.3	2.6	0.1	2.7	0.8
26	10.4	20.5	15.0	76.9	12.87	10.6	1.8	0.2	2.0	3.7
27	11.5	23.0	17.3	72.8	14.36	12.3	0.0	1.0	1.0	8.1
28	13.0	21.0	15.8	83.5	14.96	13.0	3.4	0.0	3.4	4.4
29	12.4	20.0	16.2	76.4	14.26	12.3	4.5	0.0	4.5	4.1
30	12.5	20.1	15.0	86.7	14.98	12.9	4.1	0.0	4.1	4.1
PROM	12.8	20.3	16.1	80.0	14.59	12.5	104.5	76.5	181.0	

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.988

ALTITUD: 2.150 LATITUD: 5-03 N. LONGITUD: 75-29 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	13.0	20.0	16.5	82.8	15.54	13.6	0.0	0.0	0.0	1.7
2	13.2	18.0	15.1	87.9	15.18	13.2	8.6	2.8	11.4	0.2
3	13.0	17.8	15.4	95.3	16.58	14.6	0.2	3.3	3.5	0.6
4	12.5	16.5	14.8	86.7	14.47	12.5	2.1	16.3	18.4	0.0
5	12.0	17.0	14.3	88.1	14.40	12.4	0.4	1.5	1.9	0.1
6	12.6	17.4	14.7	92.0	15.29	13.3	0.9	3.4	4.3	0.9
7	11.5	21.4	16.7	78.8	15.10	13.0	0.9	2.2	3.1	7.4
8	13.5	19.4	15.7	89.6	15.92	13.9	2.4	0.1	2.5	3.2
9	12.8	20.4	15.5	76.1	13.63	11.6	1.0	0.0	1.0	3.5
10	13.0	20.2	16.5	81.1	15.30	13.3	2.5	0.0	2.5	2.6
11	12.5	18.2	16.0	84.8	15.48	13.5	0.5	0.0	0.5	1.9
12	12.4	19.0	15.2	81.2	14.06	12.0	2.8	9.3	12.1	1.5
13	13.0	19.3	15.7	89.2	15.68	13.7	2.7	0.0	2.7	0.8
14	11.8	21.0	16.2	73.6	13.48	11.4	0.0	0.0	0.0	5.8
15	12.8	22.1	17.6	75.9	15.56	13.5	0.0	0.0	0.0	7.1
16	12.5	22.0	17.1	61.8	12.04	9.7	0.0	0.0	0.0	5.0
17	13.0	21.4	17.5	76.9	15.06	13.1	0.0	0.0	0.0	4.7
18	12.9	20.4	15.5	78.8	14.05	12.0	8.0	0.0	8.0	4.5
19	12.6	19.4	16.3	82.2	15.03	13.0	1.1	0.0	1.1	1.8
20	12.5	20.4	16.6	76.8	14.24	12.2	0.0	0.0	0.0	4.6
21	13.0	20.2	16.6	73.4	13.82	11.8	0.0	0.0	0.0	1.5
22	13.0	19.3	16.6	85.1	16.14	14.1	0.0	0.0	0.0	2.1
23	13.1	20.0	16.2	82.0	15.07	13.1	1.1	0.0	1.1	0.8
24	13.0	19.8	15.9	84.8	15.24	13.2	0.1	0.7	0.8	2.3
25	13.0	21.4	17.0	82.7	15.79	13.8	0.0	1.2	1.2	3.7
26	13.4	20.8	16.9	83.6	15.95	14.0	0.0	0.0	0.0	5.1
27	13.6	21.7	17.3	74.6	14.27	12.2	1.3	0.0	1.3	4.1
28	12.4	23.1	16.6	80.5	15.00	13.0	0.0	0.0	0.0	3.9
29	13.8	19.8	16.3	85.4	15.76	13.8	0.4	4.9	5.3	2.4
30	13.4	21.4	16.7	78.8	14.79	12.8	0.7	2.1	2.8	3.9
31	13.2	20.4	16.6	75.8	14.27	12.3	0.3	0.0	0.3	1.6
PROM.	12.8	20.0	16.2	81.5	14.91	12.9	38.0	47.8	85.8	89.3

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	12.8	19.6	16.2	79.9	14.83	12.8	0.4	1.2	1.6	3.4
2	12.4	18.0	15.2	86.8	15.05	13.1	7.2	7.7	14.9	0.8
3	13.0	20.2	15.7	79.0	14.05	12.0	0.3	0.7	1.0	1.3
4	13.7	19.0	15.9	86.1	15.06	13.0	3.2	0.1	3.3	1.8
5	13.5	21.4	17.6	70.8	13.91	11.9	0.0	0.2	0.2	3.9
6	13.8	20.4	17.0	81.2	15.67	13.7	1.0	0.0	1.0	
7	13.6	20.2	17.1	84.2	16.52	14.5	5.3	9.3	14.6	
8	13.8	19.0	15.3	88.4	15.34	13.4	0.9	1.5	2.4	0.7
9	12.8	19.9	16.4	84.5	15.59	13.6	0.0	0.0	0.0	2.3
10	13.4	19.0	15.9	83.0	14.90	12.9	0.2	0.0	0.2	0.8
11	12.8	19.2	15.3	81.7	14.14	12.1	0.0	0.0	0.0	2.1
12	11.8	20.0	15.5	83.3	14.82	12.8	2.4	5.2	7.6	4.0
13	12.4	21.9	16.9	78.2	14.69	12.7	2.9	0.0	2.9	7.4
14	12.8	18.8	15.4	85.1	14.93	12.9	5.8	3.2	9.0	0.7
15	12.4	20.3	16.2	86.4	15.88	13.9	1.2	4.8	6.0	3.5
16	11.8	20.1	15.8	86.2	15.43	13.4	0.0	17.3	17.3	1.5
17	12.8	19.6	15.5	88.3	15.51	13.9	1.8	0.0	1.8	3.5
18	12.4	18.8	15.5	81.7	14.50	12.5	0.7	0.0	0.7	
19	12.8	19.0	16.0	84.9	15.42	13.4	0.3	59.4	59.7	2.1
20	12.4	19.4	16.0	78.8	14.21	12.2	0.0	9.4	9.4	1.5
21	12.7	17.8	14.9	89.8	15.14	13.1	2.2	12.1	14.3	0.3
22	11.8	18.4	14.8	87.7	14.73	12.7	0.7	0.0	0.7	0.4
23	11.9	23.0	16.9	77.8	14.90	12.8	6.2	3.2	9.4	6.4
24	13.5	20.0	16.3	85.4	15.70	13.7	0.0	3.8	3.8	1.6
25	12.8	18.3	15.3	85.4	14.84	12.9	2.0	0.0	2.0	1.1
26	12.6	20.0	16.1	85.2	15.63	13.6	0.4	9.1	9.5	2.8
27	13.2	18.7	15.4	82.8	14.27	12.4	6.3	0.0	6.3	1.4
28	12.4	18.6	16.0	73.4	13.32	11.2	1.1	0.3	1.4	1.2
29	11.8	19.8	15.0	72.3	12.31	10.0	4.7	23.8	28.5	2.1
30	12.4	16.7	14.6	72.0	11.93	9.6	4.4	2.7	7.1	0.0
31	11.8	14.6	13.1	77.1	11.64	9.2	13.8	0.0	13.8	0.0
PROM	12.7	19.3	15.8	82.2	14.69	12.6	75.4	175.0	250.4	

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.968

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	12.3	19.4	15.4	62.5	10.98	6.4	0.5	0.0	0.5	4.5
2	12.8	21.8	15.5	67.1	11.84	9.4	3.6	0.0	3.6	5.6
3	13.4	18.8	15.3	72.0	12.59	10.4	2.4	0.0	2.4	2.5
4	12.0	21.8	16.4	63.7	11.77	9.3	1.1	0.0	1.1	4.9
5	13.0	17.4	14.8	85.7	14.33	12.2	1.8	0.0	1.8	0.0
6	11.8	20.4	16.7	83.2	15.79	13.7	0.3	0.3	0.6	4.9
7	13.0	15.4	13.8	93.3	14.83	12.8	5.5	0.0	5.5	0.0
8	11.6	19.3	14.8	87.7	14.76	12.6	1.0	0.0	1.0	3.0
9	12.4	20.4	15.7	80.0	14.50	12.5	8.6	3.4	12.0	2.4
10	13.0	16.6	14.3	89.9	14.82	12.8	2.7	8.7	11.4	2.1
11	12.7	20.2	15.8	89.1	16.23	14.2	7.2	20.4	27.6	0.0
12	12.4	17.6	15.2	87.7	15.18	13.2	0.0	0.0	0.0	0.0
13	12.8	18.8	15.4	82.3	14.41	12.4	0.7	17.6	18.3	0.2
14	12.0	19.8	14.9	76.9	13.11	11.0	0.1	0.0	0.1	2.0
15	11.5	22.5	15.8	68.8	12.69	10.5	1.4	0.0	1.4	6.5
16	12.0	21.5	16.4	77.7	14.47	12.4	0.0	0.0	0.0	5.3
17	11.8	20.0	15.8	78.1	14.20	12.2	2.3	0.0	2.3	2.7
18	13.0	18.4	15.9	90.1	16.14	14.1	0.5	16.1	16.6	0.1
19	12.8	18.6	15.0	90.2	15.42	13.4	0.2	0.4	0.6	1.9
20	12.0	19.8	15.3	83.3	14.31	12.3	1.8	3.8	5.6	2.6
21	12.2	20.4	15.8	80.6	14.13	12.1	0.0	0.0	0.0	5.1
22	12.0	20.8	16.5	79.8	15.11	13.1	0.0	8.1	8.1	5.4
23	12.8	21.5	16.1	85.4	15.96	13.9	7.0	0.0	7.0	2.9
24	13.2	21.8	17.7	75.1	15.28	13.3	0.0	0.0	0.0	5.2
25	12.4	20.6	16.8	77.7	14.72	12.7	0.0	0.2	0.2	3.7
26	13.8	19.2	16.6	83.1	15.60	13.6	0.0	0.0	0.0	0.2
27	12.8	21.0	16.8	73.1	13.96	11.9	0.0	0.0	0.0	3.8
28	13.6	22.2	16.8	74.6	14.10	12.1	0.0	0.0	0.0	3.3
29	13.0	21.4	16.3	84.4	15.73	13.7	5.5	8.3	13.8	5.1
30	13.1	18.0	15.7	95.3	17.17	15.1	1.3	0.7	2.0	
PROM.	12.6	19.8	15.8	80.6	14.47	12.4	55.5	88.0	143.5	

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	12.8	19.7	16.1	89.8	16.30	14.3	0.0	9.4	9.4	0.4
2	13.0	19.0	15.7	88.8	15.93	14.0	2.3	33.5	35.8	
3	13.4	20.5	15.6	89.5	15.91	14.0	1.8	0.0	1.8	1.0
4	13.0	18.8	15.7	84.2	15.05	13.1	0.8	0.0	0.8	1.5
5	12.8	20.2	15.7	85.9	15.58	13.6	5.8	0.0	5.8	2.7
6	12.5	21.4	16.0	86.0	15.89	13.9	9.2	5.5	14.7	3.6
7	13.5	20.2	16.5	86.1	16.14	14.2	0.0	0.0	0.0	0.5
8	13.8	17.5	15.0	95.8	16.33	14.3	1.1	0.0	1.1	0.5
9	12.5	20.8	16.6	81.5	15.25	13.3	0.0	0.0	0.0	2.5
10	12.8	22.5	16.7	72.7	14.02	12.0	0.8	0.0	0.8	7.1
11	12.5	19.0	16.3	86.3	16.05	14.0	1.6	0.7	2.3	1.2
12	13.5	18.9	15.5	88.5	15.81	13.8	7.5	5.8	13.3	0.5
13	12.4	18.0	15.0	93.3	15.87	13.9	1.3	13.7	15.0	0.1
14	12.6	18.4	14.8	90.1	15.22	13.3	5.0	22.7	27.7	0.5
15	12.8	18.0	14.8	87.3	14.60	12.6	1.1	9.5	10.6	0.1
16	12.6	21.8	16.3	84.1	15.29	13.3	2.3	0.0	2.3	5.1
17	13.1	22.2	16.8	82.1	15.76	13.8	1.5	15.3	16.8	6.8
18	12.8	20.8	16.2	88.7	16.21	14.2	0.0	0.0	0.0	3.2
19	13.0	21.4	16.7	86.0	16.17	14.1	0.0	0.0	0.0	5.1
20	12.0	22.5	17.8	79.5	15.98	13.9	1.9	10.7	12.6	9.8
21	13.0	21.0	16.2	77.4	14.46	12.4	0.0	3.8	3.8	2.2
22	12.0	20.0	16.0	78.0	14.14	12.1	0.5	0.0	0.5	0.8
23	11.9	23.4	18.1	71.8	14.86	12.8	0.0	0.0	0.0	8.7
24	13.4	23.5	17.0	80.3	15.85	13.9	12.2	3.7	15.9	4.5
25	12.5	18.8	15.5	86.6	15.26	13.3	0.0	0.0	0.0	1.3
26	12.8	21.6	16.4	83.7	15.93	13.9	1.0	0.0	1.0	4.6
27	12.0	20.5	15.3	89.1	15.64	13.6	1.4	4.9	6.3	2.4
28	12.8	18.0	15.1	95.8	16.46	14.4	7.5	0.0	7.5	0.0
29	12.0	19.6	15.9	88.3	15.86	13.8	0.0	10.1	10.1	2.9
30	11.8	20.4	15.5	89.0	16.05	14.1	2.5	0.0	2.5	2.6
31	11.6	20.5	16.5	80.3	14.98	13.0	0.0	0.0	0.0	4.2
PROM	12.7	20.3	16.0	85.4	15.58	13.6	69.1	149.3	218.4	

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.988

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

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	20.4	16.4	87.4	16.49	14.5	17.6	0.0	17.6	2.2
2	13.2	17.4	15.3	94.7	16.56	14.5	0.4	12.7	13.1	0.0
3	12.4	20.4	15.9	85.1	15.54	13.5	0.0	0.0	0.0	2.1
4	12.2	20.5	16.2	80.5	14.76	12.8	0.0	0.0	0.0	3.4
5	12.8	20.0	16.4	80.7	15.41	13.4	2.6	0.2	2.8	3.6
6	12.4	21.4	16.6	83.5	16.18	14.2	4.5	0.0	4.5	5.4
7	12.2	20.6	15.9	85.5	15.47	13.5	11.1	9.2	20.3	3.3
8	12.8	18.4	15.9	87.8	15.62	13.6	0.0	2.0	2.0	1.1
9	12.6	20.0	16.2	88.9	16.20	14.2	0.3	11.9	12.2	1.6
10	12.4	20.2	15.1	81.6	14.02	12.0	0.0	0.2	0.2	3.8
11	13.0	19.2	15.3	88.6	15.50	13.5	1.6	0.0	1.6	0.0
12	12.5	21.4	16.4	87.0	16.08	14.1	0.0	0.0	0.0	1.3
13	12.8	18.6	15.3	94.7	16.56	14.6	1.2	0.0	1.2	0.3
14	13.4	20.2	15.9	88.0	15.93	14.0	4.7	3.9	8.6	0.7
15	12.5	21.0	16.1	87.6	16.02	14.0	0.0	15.9	15.9	3.5
16	11.8	20.2	15.5	89.4	15.87	13.8	1.7	12.1	13.8	3.6
17	12.5	21.4	15.6	87.6	15.54	13.6	0.7	0.0	0.7	1.8
18	11.8	22.0	16.0	82.4	14.99	13.0	5.8	13.8	19.6	6.7
19	13.0	21.2	15.5	88.5	15.79	13.8	30.5	24.5	55.0	3.0
20	12.4	19.3	15.6	86.6	15.48	13.5	0.2	17.6	17.8	1.6
21	12.8	20.2	15.8	90.6	16.23	14.2	10.2	15.8	26.0	3.4
22	12.5	19.2	15.3	90.9	16.06	14.0	9.6	0.0	9.6	1.9
23	11.5	22.0	16.7	81.9	15.32	13.3	0.0	4.7	4.7	9.0
24	12.8	19.4	15.8	90.7	16.43	14.4	0.4	0.0	0.4	1.1
25	12.6	19.1	15.6	87.3	15.44	13.5	0.8	0.0	0.8	1.6
26	12.8	20.2	16.1	84.6	15.45	13.4	0.0	0.0	0.0	3.5
27	12.4	23.2	17.6	76.6	15.23	13.3	0.0	0.3	0.3	8.3
28	14.0	21.0	16.4	91.0	17.03	15.0	1.1	16.2	17.3	1.9
29	13.0	18.6	15.0	94.1	16.40	14.4	21.0	0.0	21.0	0.4
30	12.0	20.5	15.8	83.1	15.00	13.0	15.7	0.1	15.8	2.4
PROM.	12.6	20.2	15.9	86.9	15.75	13.8	141.7	161.1	302.8	82.5

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	19.0	15.0	87.8	15.27	13.3	16.0	14.5	30.5	1.9
2	12.7	21.4	14.9	86.2	14.75	12.8	6.3	3.5	9.8	5.0
3	12.5	19.0	14.4	91.3	15.28	13.3	1.5	0.7	2.2	1.0
4	12.0	20.4	15.3	87.4	15.44	13.5	12.9	10.0	22.9	3.8
5	12.2	19.6	14.7	96.0	15.85	13.9	0.5	9.6	10.1	0.8
6	11.8	18.4	15.2	87.4	15.06	13.1	0.4	3.9	4.3	2.6
7	13.4	19.4	14.7	97.1	16.47	14.4	22.2	11.0	33.2	1.2
8	12.0	17.0	14.6	92.0	15.26	13.3	0.3	1.5	1.8	0.3
9	12.8	20.2	16.0	87.8	16.01	14.0	3.9	0.0	3.9	4.0
10	11.5	20.3	16.1	79.8	14.62	12.6	0.0	0.0	0.0	5.0
11	11.8	22.0	16.3	82.4	15.42	13.4	0.0	0.0	0.0	6.7
12	12.0	23.2	17.4	77.6	15.36	13.4	0.0	0.0	0.0	6.8
13	13.2	20.0	16.0	89.5	16.60	14.5	4.0	0.1	4.1	1.9
14	13.4	18.5	15.4	91.6	16.02	14.0	0.1	0.0	0.1	0.3
15	12.0	22.5	16.3	81.9	15.18	13.2	3.6	0.0	3.6	7.0
16	12.5	22.8	17.3	79.8	15.49	13.5	0.0	5.6	5.6	6.8
17	12.0	21.0	15.2	88.3	15.30	13.3	10.1	0.0	10.1	6.2
18	11.8	21.4	15.1	79.7	13.66	11.6	0.0	0.0	0.0	5.8
19	12.8	20.4	15.0	90.6	15.74	13.7	16.8	0.0	16.8	2.2
20	11.0	20.6	15.5	77.3	13.48	11.4	0.0	0.0	0.0	6.8
21	11.4	20.2	16.3	79.9	14.73	12.7	0.0	0.0	0.0	1.9
22	12.0	20.0	14.9	83.1	14.28	12.2	0.0	0.0	0.0	4.8
23	11.0	22.0	15.3	83.5	14.38	12.4	0.0	0.0	0.0	5.9
24	12.0	20.0	15.3	82.5	14.23	12.2	0.0	0.0	0.0	4.3
25	11.5	20.8	15.7	83.9	14.79	12.8	7.1	1.8	8.9	2.6
26	11.8	19.0	15.2	87.9	15.02	13.0	1.2	0.0	1.2	0.1
27	12.4	19.5	15.5	83.3	14.89	12.9	17.7	0.3	18.0	0.9
28	11.8	19.4	14.8	87.2	14.74	12.8	0.9	2.8	3.7	2.5
29	12.5	18.4	14.8	90.4	15.43	13.5	0.5	0.0	0.5	0.1
30	12.0	18.2	15.1	90.0	15.42	13.5	0.0	0.0	0.0	1.1
31	11.5	19.0	15.2	87.8	15.21	13.2	6.7	0.0	6.7	4.1
PROM	12.1	20.1	15.4	86.2	15.14	13.1	132.7	65.3	198.0	104.4

ESTACION: AGRONOMIA MUNICIPIO: MANIZALES AÑO: 1.988

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.	Dias lluvias	
ENERO	13.6	23.8	18.5	12.0	26.8	70.6	14.57	12.5	53.2	10	
FEBRERO	13.7	22.6	18.1	11.8	25.5	75.5	15.26	13.3	139.8	15	
MARZO	13.6	23.4	18.3	12.0	26.8	70.0	14.30	12.2	130.7	7	
ABRIL	13.7	20.8	16.7	12.0	23.8	84.0	15.88	13.9	175.5	24	
MAYO	13.4	21.6	17.1	12.4	23.6	80.1	15.51	13.5	129.5	23	
JUNIO	12.8	20.3	16.1	10.4	23.2	80.0	14.59	12.5	181.0	26	
JULIO	12.8	20.0	16.2	11.5	23.1	81.5	14.91	12.9	85.8	21	89.3
AGOSTO	12.7	19.3	15.8	11.8	23.0	82.2	14.69	12.6	250.4	29	
SEPTIEMBRE	12.6	19.8	15.8	11.5	22.5	80.6	14.47	12.4	143.5	23	
OCTUBRE	12.7	20.3	16.0	11.6	23.5	85.4	15.58	13.6	218.4	24	
NOVIEMBRE	12.6	20.2	15.9	11.5	23.2	86.5	15.75	13.8	302.8	26	82.5
DICIEMBRE	12.1	20.1	15.4	11.0	23.2	86.2	15.14	13.1	198.0	21	104.4
PROMEDIO	13.0	21.0	16.7	11.6	24.0	80.3	15.06	13.0			
TOTAL									2008.6	245	

ESTACION: SANTAGUEDA – FACULTAD MUNICIPIO: PALESTINA AÑO: 1.988

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

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	32.0	23.1	71.4	19.28	16.9	0.0	0.0	0.0	9.2
2	16.5	31.5	24.0	76.1	21.83	18.8	0.0	0.0	0.0	6.4
3	19.0	31.1	23.3	69.5	19.04	16.5	0.0	0.0	0.0	8.5
4	20.0	31.4	24.4	73.1	21.58	18.6	0.0	0.0	0.0	8.1
5	19.0	32.5	24.3	74.9	21.86	18.8	0.0	0.0	0.0	6.5
6	19.5	31.8	24.4	74.7	22.28	19.2	0.0	0.0	0.0	6.8
7	20.0	31.5	24.6	71.6	21.08	18.0	0.0	0.0	0.0	6.1
8	19.5	32.1	24.1	74.1	21.35	18.3	0.0	0.0	0.0	9.2
9	17.5	31.9	24.5	69.0	19.77	17.0	0.0	0.0	0.0	8.3
10	18.0	32.1	23.5	71.6	19.78	17.2	0.0	0.0	0.0	
11	19.0	31.5	23.8	73.7	21.17	18.3	0.0	0.0	0.0	2.1
12	16.0	32.4	22.8	71.5	18.61	16.3	0.0	0.0	0.0	1.2
13	15.5	31.5	22.7	72.3	18.57	16.1	0.0	0.0	0.0	
14	19.5	30.0	24.6	75.4	22.42	19.2	0.0	0.0	0.0	5.1
15	19.0	29.5	22.9	81.0	21.98	18.9	0.0	0.0	0.0	5.6
16	18.0	27.3	22.3	77.6	20.27	17.7	0.0	0.0	0.0	6.1
17	18.0	30.0	23.3	70.4	19.12	16.7	0.0	6.0	6.0	8.8
18	18.2	29.5	23.5	71.1	19.58	17.0	0.0	7.5	7.5	4.6
19	18.4	30.0	22.7	80.2	21.73	18.7	0.0	0.0	0.0	6.7
20	18.5	31.0	22.7	72.1	19.05	16.5	0.0	0.0	0.0	7.0
21	18.0	30.5	23.3	72.1	19.56	17.1	0.0	0.0	0.0	7.8
22	15.7	30.2	21.9	73.2	18.02	15.7	0.0	0.0	0.0	6.6
23	15.0	31.5	22.7	72.7	18.59	16.1	0.0	0.0	0.0	7.8
24	17.0	31.6	23.4	71.1	19.26	16.7	0.0	0.0	0.0	8.2
25	18.5	31.8	24.3	69.9	20.24	17.5	0.0	0.0	0.0	7.4
26	19.2	31.5	24.1	67.4	19.07	16.5	0.0	0.0	0.0	8.4
27	14.0	30.0	21.6	70.3	16.76	14.6	0.0	0.0	0.0	1.9
28	14.5	32.8	24.3	62.7	16.93	14.8	0.0	0.0	0.0	9.3
29	18.4	26.4	21.7	81.1	20.69	18.0	0.0	0.0	0.0	0.0
30	18.3	30.0	23.4	72.6	19.82	17.2	0.0	0.0	0.0	7.9
31	16.0	32.0	23.1	72.0	18.76	16.2	0.0	0.0	0.0	6.8
PROM.	17.7	30.9	23.4	72.8	19.94	17.3	0.0	13.5	13.5	

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	16.8	33.0	24.1	69.6	19.46	17.0	0.0	0.0	0.0	7.7
2	18.6	28.5	23.5	74.3	20.95	18.2	0.0	0.0	0.0	1.0
3	16.4	31.8	24.2	68.5	19.01	16.5	0.0	53.5	53.5	6.5
4	16.8	23.2	19.4	94.8	21.15	18.3	6.3	0.0	6.3	1.4
5	16.7	30.0	22.8	74.5	19.62	17.1	0.4	0.0	0.4	6.4
6	16.4	29.4	22.9	75.3	19.85	17.2	0.0	0.0	0.0	5.1
7	18.5	30.6	23.9	71.7	20.16	17.5	0.0	0.0	0.0	7.6
8	16.0	32.5	25.1	63.6	18.14	15.9	0.0	23.3	23.3	8.3
9	18.0	24.2	20.9	86.0	21.22	18.4	0.1	0.0	0.1	0.0
10	16.4	29.7	22.5	72.2	18.80	16.5	0.0	0.0	0.0	6.2
11	18.5	27.4	22.7	74.7	19.77	17.3	0.1	0.0	0.1	1.8
12	18.4	30.5	23.8	73.0	20.52	17.8	0.0	17.6	17.6	8.0
13	18.2	28.4	22.8	79.4	21.37	18.5	3.4	0.0	3.4	5.2
14	18.8	30.4	23.9	76.3	21.67	18.7	0.0	2.8	2.8	6.3
15	18.7	32.0	24.9	71.2	21.17	18.2	0.0	0.0	0.0	6.5
16	18.5	31.5	24.4	72.6	20.97	18.1	0.0	0.0	0.0	8.8
17	18.0	31.2	24.0	73.8	20.85	18.1	0.0	0.0	0.0	5.8
18	18.5	32.0	24.7	72.0	20.99	18.1	0.0	0.0	0.0	9.3
19	18.4	32.1	24.7	71.4	20.77	17.7	0.0	0.0	0.0	9.3
20	17.8	31.5	24.0	70.0	19.20	16.5	0.0	0.0	0.0	7.0
21	16.8	31.4	23.7	71.4	19.52	17.0	0.0	0.0	0.0	6.2
22	18.0	30.5	24.0	73.1	20.89	18.1	0.0	0.6	0.6	3.4
23	18.8	31.8	24.7	71.7	21.00	18.0	0.0	0.0	0.0	5.9
24	19.4	28.6	24.0	78.5	22.87	19.6	6.3	5.7	12.0	3.1
25	18.5	29.4	23.0	79.8	21.77	18.7	0.0	2.7	2.7	3.6
26	18.4	28.0	22.4	78.2	20.71	18.1	2.5	8.9	11.4	3.6
27	17.4	21.8	19.4	97.1	21.52	18.6	22.2	0.0	22.2	
28	15.9	29.4	22.5	71.7	18.36	16.1	0.0	0.0	0.0	7.3
29	15.4	31.5	23.3	71.7	19.31	16.8	0.0	0.0	0.0	10.1
PROM	17.7	29.7	23.3	75.1	20.40	17.7	41.3	115.1	156.4	

ESTACION: SANTAGUEDA – FACULTAD MUNICIPIO: PALESTINA AÑO: 1.988

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

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	31.8	24.7	62.0	17.77	15.5	0.0	0.0	0.0	7.6
2	20.0	32.4	24.8	57.5	16.88	14.5	0.0	0.0	0.0	8.4
3	16.5	31.8	24.3	65.5	18.19	15.6	0.0	0.0	0.0	9.2
4	17.8	32.5	24.6	65.6	18.87	16.2	0.0	0.0	0.0	6.9
5	18.5	32.0	24.4	65.6	18.78	16.4	0.0	0.0	0.0	8.5
6	18.2	29.5	24.3	66.3	18.69	16.1	0.0	0.0	0.0	7.4
7	18.0	32.4	25.2	62.9	18.28	15.6	0.0	0.0	0.0	5.9
8	20.0	31.5	25.0	61.1	18.25	15.9	0.0	0.0	0.0	5.6
9	20.0	21.4	20.2	91.6	21.77	18.9	17.9	1.4	19.3	0.0
10	17.5	31.0	23.8	69.2	19.19	16.7	0.0	0.0	0.0	9.1
11	15.0	32.7	24.4	62.0	18.98	14.6	0.0	0.0	0.0	9.4
12	18.0	32.0	24.8	62.3	18.07	15.8	0.0	0.0	0.0	9.3
13	19.4	31.8	24.9	60.3	17.88	15.6	0.0	0.0	0.0	8.0
14	17.5	32.2	24.9	52.2	14.90	12.6	0.0	0.0	0.0	9.1
15	16.5	32.5	24.2	63.6	17.77	15.4	0.0	0.0	0.0	9.5
16	17.5	30.0	24.5	65.6	18.73	16.4	0.2	0.8	1.0	4.4
17	16.0	30.8	24.2	61.6	16.65	14.4	0.0	0.0	0.0	7.2
18	18.0	32.4	25.3	62.5	18.34	15.9	0.0	0.0	0.0	7.9
19	17.0	33.0	26.1	61.8	18.68	16.2	0.0	0.0	0.0	7.0
20	18.2	33.0	25.6	62.0	18.44	16.0	0.0	0.0	0.0	8.6
21	15.5	35.0	26.3	53.7	15.35	13.1	0.0	0.0	0.0	9.0
22	17.5	33.5	25.3	60.7	17.32	15.0	0.0	0.0	0.0	6.1
23	18.8	32.4	26.3	60.0	18.66	16.3	0.0	0.0	0.0	7.9
24	18.5	32.8	25.9	61.3	18.25	15.7	0.0	0.0	0.0	8.0
25	17.5	32.9	25.3	64.8	19.04	16.5	0.0	0.0	0.0	3.7
26	17.0	31.5	25.7	57.1	16.77	14.9	0.0	0.0	0.0	3.5
27	17.5	31.4	25.2	61.2	17.81	15.6	0.0	0.0	0.0	3.7
28	18.0	32.8	25.1	62.8	18.59	16.2	0.0	0.0	0.0	4.1
29	19.8	29.4	24.8	65.1	19.47	17.0	0.0	0.4	0.4	1.3
30	20.4	30.5	24.6	67.1	19.95	17.2	0.0	1.4	1.4	3.8
31	17.5	33.2	25.7	59.0	17.75	15.3	0.0	3.3	3.3	6.1
PROM.	17.9	31.7	24.9	63.0	18.13	15.7	18.1	7.9	26.0	206.2

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.7	29.6	23.2	73.6	20.33	17.7	0.0	0.0	0.0	3.1
2	19.5	21.8	20.4	92.2	22.09	19.1	20.3	0.0	20.3	0.0
3	17.5	30.8	23.0	74.7	20.10	17.4	14.5	14.7	29.2	4.2
4	18.5	30.8	24.3	67.1	19.24	16.7	0.0	0.0	0.0	5.1
5	19.8	32.4	25.2	64.4	19.55	17.0	0.0	11.9	11.9	5.6
6	18.5	26.0	21.5	82.1	20.91	18.2	0.0	0.0	0.0	0.0
7	18.5	30.0	24.2	65.5	18.67	16.3	0.0	0.0	0.0	5.3
8	19.5	29.6	24.5	70.2	20.87	18.1	0.0	2.1	2.1	
9	20.0	24.4	22.4	90.3	24.29	20.6	2.1	1.8	3.9	
10	19.4	25.4	21.9	83.0	21.56	18.7	1.6	15.1	16.7	
11	17.6	24.5	20.9	82.0	20.05	17.5	0.6	0.0	0.6	0.0
12	18.0	29.4	23.5	70.6	19.53	17.0	2.2	12.1	14.3	4.2
13	18.5	25.4	21.8	81.6	21.10	18.4	0.8	0.0	0.8	0.0
14	18.5	30.8	23.2	71.6	19.57	17.0	7.9	1.2	9.1	8.2
15	18.5	29.0	23.3	71.7	20.11	17.6	4.0	0.2	4.2	5.5
16	19.7	29.8	23.9	69.9	19.98	17.3	0.0	1.4	1.4	6.9
17	19.0	31.5	24.2	69.9	19.87	17.0	0.0	0.0	0.0	8.8
18	19.0	30.5	24.6	69.7	20.76	18.0	0.0	0.2	0.2	4.8
19	20.0	29.0	24.1	74.5	21.70	18.7	0.0	5.1	5.1	1.8
20	19.5	30.8	24.8	68.6	20.54	17.8	1.2	17.5	18.7	6.7
21	18.5	28.0	23.5	69.4	19.40	17.0	0.0	0.0	0.0	4.7
22	19.8	30.5	22.5	75.5	20.27	17.6	4.2	0.4	4.6	5.6
23	18.5	30.0	23.8	73.6	20.79	18.0	0.0	0.0	0.0	6.8
24	18.6	31.8	23.9	71.0	20.22	17.4	0.0	0.0	0.0	6.9
25	19.0	31.4	24.1	69.2	19.72	17.2	0.0	0.0	0.0	6.2
26	18.5	29.5	22.6	75.3	20.45	17.8	0.0	0.0	0.0	1.9
27	19.0	30.0	24.1	72.1	20.66	17.6	2.1	0.2	2.3	6.1
28	19.5	31.0	24.8	68.2	20.49	17.8	0.0	0.0	0.0	6.8
29	19.5	30.0	23.7	74.7	21.41	18.4	0.1	15.4	15.5	0.6
30	18.0	27.8	22.6	75.5	20.30	17.7	0.0	6.6	6.6	4.3
PROM	18.9	29.1	23.4	73.9	20.48	17.8	61.6	105.9	167.5	

ESTACION: SANTAGUEDA – FACULTAD MUNICIPIO: PALESTINA AÑO: 1.988

ALTITUD: 1.010 LATITUD: 5–05 N. LONGITUD: 75–40 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	18.4	29.5	22.8	74.3	19.89	17.3	0.2	0.0	0.2	4.8
2	18.4	25.4	20.5	87.1	21.16	18.4	2.9	0.0	2.9	1.3
3	16.4	29.8	23.7	66.1	18.50	16.1	0.0	4.8	4.8	5.2
4	18.5	24.8	21.4	88.5	22.33	19.3	22.2	0.0	22.2	1.7
5	18.2	30.5	24.6	66.1	19.32	16.9	0.0	9.2	9.2	6.4
6	18.5	29.5	23.1	73.7	20.04	17.5	0.1	0.0	0.1	4.3
7	16.8	29.3	22.9	75.0	20.22	17.6	0.0	0.0	0.0	6.7
8	18.9	32.0	24.3	69.8	19.97	17.3	0.0	0.1	0.1	8.7
9	20.4	31.5	25.7	63.3	19.72	17.1	0.0	1.7	1.7	8.5
10	19.4	29.4	23.5	77.1	21.94	18.8	0.0	0.0	0.0	3.0
11	16.5	30.8	24.2	64.5	17.85	15.6	0.0	5.9	5.9	5.4
12	19.6	28.5	23.7	71.0	20.31	17.7	0.0	0.0	0.0	3.4
13	19.0	30.4	24.7	63.9	19.04	16.7	0.2	22.7	22.9	4.0
14	18.5	27.4	23.0	68.8	18.43	16.1	0.0	0.0	0.0	3.8
15	18.8	29.5	23.6	69.8	19.84	17.2	0.0	4.8	4.8	6.0
16	17.0	30.2	23.9	67.9	19.07	16.5	0.0	0.0	0.0	9.1
17	18.0	30.4	24.1	75.7	22.04	19.0	0.0	26.8	26.8	3.0
18	18.3	27.2	23.3	80.8	22.57	19.4	0.0	0.0	0.0	3.0
19	18.5	29.4	23.9	73.0	21.13	18.3	0.0	9.7	9.7	5.6
20	20.0	28.0	23.2	78.0	21.88	18.9	0.0	0.0	0.0	1.9
21	18.5	29.5	24.2	71.5	21.04	18.2	0.0	0.0	0.0	4.8
22	19.8	30.5	24.4	69.5	20.38	17.6	0.0	0.0	0.0	9.6
23	19.5	28.4	23.6	77.3	22.36	19.2	0.2	0.0	0.2	1.3
24	18.0	30.5	23.9	71.7	20.28	17.7	0.6	0.4	1.0	6.0
25	18.5	29.1	24.1	77.5	22.72	19.4	10.9	23.9	34.8	2.2
26	19.0	27.5	22.4	83.9	22.77	19.6	0.1	0.0	0.1	2.8
27	17.5	29.5	21.9	81.5	21.10	18.3	8.6	15.1	23.7	5.5
28	18.0	28.0	23.0	80.3	21.90	18.9	1.3	0.0	1.3	6.1
29	18.2	30.5	21.0	80.5	19.92	17.4	38.1	28.4	66.5	7.7
30	16.0	28.4	22.6	78.1	20.54	17.8	0.0	0.0	0.0	6.2
31	15.7	29.0	22.9	77.4	20.82	18.1	0.0	0.0	0.0	5.9
PROM.	18.3	29.2	23.4	74.3	20.62	17.9	85.4	153.5	238.9	153.9

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	19.0	28.4	23.5	76.8	21.57	18.6	0.0	0.0	0.0	3.1
2	18.0	28.0	23.4	79.5	21.84	18.7	0.1	5.2	5.3	2.3
3	18.6	26.5	22.5	87.7	23.41	20.0	0.0	0.0	0.0	0.6
4	16.8	28.0	23.1	82.3	22.37	19.1	0.0	35.7	35.7	4.4
5	18.0	30.8	24.2	74.0	21.11	17.9	0.0	0.0	0.0	7.2
6	17.0	30.0	23.4	77.4	21.32	18.4	0.0	0.0	0.0	8.9
7	17.4	30.5	23.7	72.5	20.22	17.6	0.0	0.0	0.0	7.4
8	18.0	28.5	23.1	76.9	21.35	18.5	0.0	0.2	0.2	0.7
9	18.6	26.6	22.5	84.8	22.99	19.7	0.0	0.2	0.2	2.9
10	18.5	27.5	22.5	84.8	22.99	19.7	0.9	0.0	0.9	1.7
11	18.0	27.6	21.5	84.1	21.28	18.5	8.7	1.8	10.5	2.2
12	18.0	26.0	21.4	86.5	21.79	18.8	0.0	2.8	2.8	1.3
13	18.5	28.6	23.2	80.1	22.10	19.0	0.0	5.1	5.1	2.9
14	19.0	29.2	21.6	79.4	20.40	17.8	0.1	0.0	0.1	2.6
15	17.0	28.9	23.5	74.3	20.56	17.8	0.0	0.0	0.0	4.7
16	18.5	26.5	20.5	93.4	22.84	19.6	10.4	12.3	22.7	1.3
17	17.0	27.0	22.4	75.2	19.68	17.2	0.0	3.5	3.5	2.3
18	17.8	26.0	20.7	86.6	20.99	18.2	1.2	3.0	4.2	0.0
19	17.4	25.2	21.3	86.1	21.48	18.6	0.0	0.0	0.0	1.7
20	18.5	28.5	22.5	76.3	20.38	17.7	0.0	0.0	0.0	2.6
21	17.5	30.5	23.9	70.8	20.15	17.6	0.0	0.0	0.0	5.2
22	19.0	31.0	23.2	73.1	20.74	18.0	0.0	30.4	30.4	3.6
23	17.5	27.5	22.4	78.2	20.54	17.8	0.0	2.2	2.2	0.4
24	18.5	27.4	21.8	80.3	21.00	18.3	1.5	8.2	9.7	0.4
25	18.0	25.4	21.8	85.3	21.70	18.8	0.4	0.0	0.4	0.7
26	15.5	28.8	23.1	74.0	19.79	17.2	0.0	0.0	0.0	3.6
27	17.0	30.4	24.0	72.1	20.37	17.5	0.0	3.0	3.0	6.8
28	17.4	26.8	21.8	88.5	22.41	19.3	1.1	0.1	1.2	3.4
29	17.0	29.4	22.4	77.0	19.82	17.1	3.0	0.0	3.0	4.1
30	17.4	25.0	21.3	89.0	22.60	19.4	1.9	0.0	1.9	2.9
PROM	17.8	28.0	22.5	80.2	21.33	18.4	29.3	113.7	143.0	91.9

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.968

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	17.8	28.8	23.6	77.5	21.48	18.5	0.0	10.0	10.0	3.8
2	19.0	27.5	21.6	82.5	21.16	18.4	2.6	4.3	6.9	1.6
3	18.0	27.0	22.7	79.3	21.32	18.5	0.2	26.3	26.5	2.8
4	17.4	25.8	21.8	83.3	21.20	18.3	1.5	28.2	29.7	1.1
5	17.8	25.8	21.7	79.1	19.96	17.3	0.0	26.8	26.8	1.7
6	17.6	27.0	22.2	82.5	21.49	18.5	0.0	1.0	1.0	2.9
7	17.4	29.0	23.0	74.4	19.93	17.3	0.0	2.4	2.4	7.5
8	18.8	27.6	22.6	81.5	21.86	18.8	0.2	0.7	0.9	3.3
9	18.4	29.2	22.5	76.5	20.27	17.6	0.0	0.0	0.0	4.8
10	15.7	28.6	22.6	83.1	22.06	19.0	0.0	8.5	8.5	4.5
11	18.5	29.0	22.7	78.8	21.14	18.3	0.0	0.0	0.0	5.2
12	16.4	29.5	22.4	79.5	20.70	17.9	0.0	0.0	0.0	5.7
13	18.2	27.5	23.3	78.2	21.47	18.5	0.0	0.0	0.0	2.9
14	15.0	31.4	22.7	73.8	19.11	16.7	0.0	0.0	0.0	8.5
15	16.0	31.0	24.2	69.2	19.46	17.0	0.0	0.0	0.0	9.5
16	15.4	30.0	22.5	75.9	19.61	17.0	0.0	0.0	0.0	6.3
17	15.8	30.2	22.2	75.3	19.15	16.7	0.0	0.0	0.0	7.3
18	17.0	30.5	21.8	78.6	19.80	17.2	1.0	0.3	1.3	5.7
19	17.8	29.0	23.3	80.9	22.45	19.3	0.0	0.0	0.0	4.9
20	18.6	30.0	23.8	76.5	21.59	18.6	0.0	0.0	0.0	7.4
21	18.0	28.2	23.0	80.1	22.13	19.1	0.0	0.0	0.0	2.1
22	19.4	29.2	24.1	79.3	23.48	20.0	0.2	0.0	0.2	5.1
23	19.0	28.4	23.3	80.0	22.33	19.2	0.0	0.0	0.0	3.1
24	18.0	28.5	23.2	80.1	22.13	19.0	0.0	2.9	2.9	3.7
25	17.2	29.4	23.8	71.5	20.01	17.4	0.4	6.0	6.4	7.4
26	18.4	30.0	23.6	77.2	21.60	18.6	0.0	9.6	9.6	7.0
27	18.0	29.8	23.1	77.3	21.20	18.3	0.0	0.0	0.0	7.3
28	17.2	31.4	24.1	73.1	20.70	17.8	0.0	2.8	2.8	7.8
29	19.5	29.0	23.6	76.2	21.52	18.6	0.7	9.2	9.9	4.9
30	18.2	29.4	23.1	74.1	20.23	17.7	0.0	0.4	0.4	5.7
31	18.0	29.0	22.8	79.0	21.14	18.2	0.6	0.0	0.6	3.1
PROM.	17.7	28.9	22.9	77.9	21.02	18.2	7.4	139.4	146.8	154.6

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	31.4	24.3	66.3	19.06	16.7	0.0	3.2	3.2	6.5
2	19.0	29.4	21.1	81.4	20.59	17.9	6.0	19.7	25.7	2.3
3	18.2	28.8	22.7	79.0	21.11	18.2	0.0	17.2	17.2	5.2
4	18.8	28.5	22.9	79.1	21.46	18.5	0.5	0.0	0.5	5.3
5	18.7	31.5	24.2	71.2	20.28	17.6	0.0	0.0	0.0	7.0
6	18.4	28.5	23.7	78.0	22.02	18.9	0.0	4.0	4.0	6.0
7	19.0	29.5	23.6	77.2	21.76	18.7	0.0	5.2	5.2	5.6
8	19.0	26.0	21.6	92.5	23.97	20.4	9.3	0.4	9.7	2.5
9	18.0	28.8	23.3	76.3	20.92	18.1	0.0	3.6	3.6	5.5
10	18.5	26.8	22.8	83.4	22.60	19.4	0.0	1.5	1.5	2.0
11	18.0	27.5	22.3	80.7	21.33	18.5	0.0	0.0	0.0	4.3
12	16.0	29.0	21.5	77.9	19.37	16.9	4.7	24.1	28.8	4.3
13	17.5	28.2	22.8	83.0	22.26	19.1	0.0	14.1	14.1	7.6
14	18.2	25.5	21.1	85.5	21.28	18.4	2.7	15.2	17.9	2.0
15	17.0	27.5	22.8	79.0	21.21	18.4	0.0	3.2	3.2	7.3
16	17.5	28.8	23.4	77.2	21.53	18.6	0.0	10.2	10.2	5.5
17	18.0	27.5	22.5	81.2	21.50	18.6	0.0	0.0	0.0	3.5
18	18.8	28.4	23.4	75.5	21.07	18.1	1.2	0.0	1.2	3.4
19	17.4	27.3	22.7	80.4	21.55	18.6	0.0	31.0	31.0	3.3
20	18.0	27.5	22.8	76.4	20.52	17.8	0.0	6.6	6.6	3.6
21	18.8	25.4	20.1	86.2	21.02	18.2	0.7	21.3	22.0	1.1
22	18.0	25.6	21.6	78.4	19.78	17.2	1.5	0.0	1.5	2.7
23	16.0	29.6	23.4	71.5	19.36	16.9	0.0	12.8	12.8	9.3
24	18.8	26.8	22.7	77.8	20.95	18.2	0.0	0.0	0.0	1.5
25	19.0	28.0	22.9	80.0	21.70	18.7	0.1	5.2	5.3	6.7
26	19.5	28.8	22.8	79.9	21.66	18.7	1.5	17.6	19.1	5.5
27	19.0	25.5	21.7	87.9	22.33	19.3	0.7	0.4	1.1	2.3
28	18.2	26.7	23.1	79.1	21.52	18.6	0.0	0.0	0.0	0.9
29	18.4	28.0	22.6	79.5	21.40	18.5	0.5	15.2	15.7	4.6
30	18.2	26.0	21.9	81.0	20.72	17.9	3.8	6.4	10.2	1.6
31	18.0	21.2	19.2	91.1	20.38	17.8	4.3	0.0	4.3	0.0
PROM	18.2	27.7	22.5	79.8	21.17	18.3	37.5	238.1	275.6	128.9

ESTACION: SANTAGUEDA – FACULTAD MUNICIPIO: PALESTINA AÑO: 1.988

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

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	29.5	22.7	74.9	19.54	16.8	0.0	0.0	0.0	6.1
2	18.4	29.6	23.2	77.0	21.02	18.2	0.7	1.2	1.9	7.0
3	17.8	27.0	22.8	81.0	21.84	18.8	1.1	0.0	1.1	4.5
4	18.5	29.8	21.8	76.6	19.93	17.4	15.5	0.0	15.5	7.4
5	17.5	25.5	22.1	85.4	22.31	19.2	0.1	0.0	0.1	1.0
6	16.5	29.5	23.2	73.7	20.05	17.5	0.0	6.5	6.5	6.7
7	18.8	22.8	19.2	93.4	21.27	18.5	4.9	0.0	4.9	1.8
8	15.0	26.8	21.1	84.2	20.60	17.9	0.0	0.0	0.0	1.5
9	17.5	29.5	21.9	78.7	20.20	17.5	0.1	3.3	3.4	4.6
10	18.5	26.5	22.8	78.5	21.21	18.3	0.0	4.3	4.3	0.9
11	18.4	27.5	22.8	76.3	20.45	17.8	0.4	5.1	5.5	4.3
12	18.0	25.5	21.8	82.7	21.17	18.4	0.0	23.4	23.4	0.2
13	18.5	25.0	21.7	84.4	21.68	18.8	7.1	8.8	15.9	0.6
14	18.0	28.0	22.4	77.7	20.29	17.5	0.0	0.0	0.0	4.0
15	16.5	30.0	22.6	72.8	19.29	16.9	0.0	0.0	0.0	6.1
16	15.0	28.5	22.2	72.2	17.81	15.3	0.2	0.0	0.2	5.3
17	18.4	30.5	22.2	76.6	19.86	17.3	0.7	34.9	35.6	5.2
18	18.0	27.5	22.4	77.7	20.38	17.6	0.0	9.8	9.8	3.6
19	18.0	26.5	21.6	80.2	20.22	17.6	0.1	1.0	1.1	4.2
20	18.8	28.0	21.8	85.0	22.06	19.1	0.0	17.2	17.2	4.5
21	18.5	28.2	22.1	78.3	20.46	17.8	1.7	0.0	1.7	6.7
22	18.4	28.5	22.9	77.4	21.37	18.5	0.0	20.1	20.1	6.6
23	18.5	28.6	22.9	77.8	21.05	18.2	0.0	0.0	0.0	5.6
24	18.4	30.0	23.9	72.2	20.24	17.4	0.0	5.0	5.0	7.1
25	17.8	28.2	22.9	76.1	20.36	17.7	0.0	0.0	0.0	3.8
26	18.0	26.5	23.2	78.8	21.71	18.8	0.0	0.0	0.0	2.0
27	17.0	30.0	23.2	67.8	17.89	15.6	0.0	0.2	0.2	7.4
28	17.5	30.0	23.4	72.9	20.01	17.4	0.0	0.0	0.0	7.4
29	19.5	30.5	23.2	81.7	23.04	19.7	5.6	32.1	37.7	8.6
30	18.5	27.0	21.5	81.8	20.84	18.1	0.7	0.0	0.7	0.9
PROM.	17.8	28.0	22.4	78.5	20.61	17.9	38.9	172.9	211.8	135.6

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	19.0	26.8	22.6	80.1	21.38	18.5	0.4	5.9	6.3	1.4
2	18.0	28.4	21.7	78.2	19.66	17.1	7.9	2.3	10.2	4.0
3	18.8	29.0	22.5	79.2	21.06	18.2	0.5	1.5	2.0	4.2
4	18.5	27.6	22.7	75.6	20.39	17.7	0.0	0.0	0.0	2.6
5	18.4	29.5	22.4	76.3	20.12	17.5	0.0	0.0	0.0	4.5
6	18.8	30.5	24.3	69.3	19.99	17.4	0.0	24.6	24.6	6.9
7	18.5	27.4	22.6	75.4	19.97	17.3	0.0	1.8	1.8	1.8
8	19.2	25.0	21.3	89.9	22.57	19.4	2.8	1.3	4.1	1.1
9	19.5	28.5	22.9	75.4	20.65	17.9	0.0	1.5	1.5	4.9
10	19.0	31.0	24.5	67.6	19.71	17.1	0.0	0.2	0.2	7.3
11	18.4	28.4	23.8	72.1	20.65	18.0	0.0	2.1	2.1	3.1
12	19.4	27.5	22.6	79.3	21.31	18.4	2.9	6.4	9.3	0.9
13	18.0	26.5	22.0	78.2	19.96	17.3	0.0	10.7	10.7	4.1
14	18.2	27.0	22.0	77.1	19.98	17.5	0.0	0.0	0.0	2.5
15	18.0	25.5	21.0	79.3	19.41	17.0	0.0	0.0	0.0	0.7
16	17.5	29.5	23.1	74.8	20.24	17.5	0.0	0.0	0.0	6.0
17	18.0	30.2	24.4	67.8	20.29	17.5	0.0	0.0	0.0	6.4
18	18.8	28.5	22.9	72.9	19.63	17.0	1.3	0.4	1.7	4.7
19	19.2	29.0	23.3	74.0	20.43	17.6	0.0	0.0	0.0	7.0
20	17.6	30.5	24.0	69.8	19.73	17.0	0.0	0.0	0.0	8.5
21	19.0	30.4	24.6	68.0	20.00	17.4	0.0	15.4	15.4	5.7
22	17.2	25.5	22.0	77.5	19.72	17.2	0.0	0.0	0.0	1.2
23	16.0	31.0	23.7	71.7	19.73	17.1	0.0	0.0	0.0	8.8
24	19.5	31.4	21.9	76.4	19.62	17.0	12.4	0.9	13.3	5.7
25	17.5	27.5	21.6	80.0	20.27	17.7	0.0	3.8	3.8	0.9
26	18.4	28.5	22.3	78.7	20.67	17.8	0.0	0.0	0.0	3.7
27	18.0	29.2	22.9	77.3	21.05	18.2	1.3	1.6	2.9	4.8
28	18.5	27.5	21.9	81.2	20.88	18.1	4.4	0.7	5.1	2.3
29	18.4	29.0	23.3	73.5	20.14	17.5	0.0	0.0	0.0	5.3
30	19.0	29.8	22.2	72.7	19.27	16.8	0.0	0.3	0.3	4.7
31	17.8	29.4	23.4	72.0	20.05	17.4	0.0	1.4	1.4	6.3
PROM	18.4	28.6	22.8	75.5	20.27	17.6	33.9	82.8	116.7	132.0

ESTACION: SANTAGUEDA – FACULTAD MUNICIPIO: PALESTINA AÑO: 1.988

ALTITUD: 1.010 LATITUD: 5-05 N. LONGITUD: 75-40 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	18.8	28.8	22.4	75.4	20.08	17.4	1.7	3.9	5.6	3.9
2	19.0	25.4	21.7	84.0	21.55	18.6	0.0	9.6	9.6	0.3
3	19.1	27.5	22.0	81.8	21.43	18.6	0.0	0.0	0.0	3.8
4	16.5	30.0	23.4	76.6	20.75	17.9	0.0	0.0	0.0	8.2
5	17.0	29.6	22.7	76.2	20.31	17.7	0.0	6.6	6.6	5.2
6	16.8	30.0	22.5	79.3	20.86	18.1	2.9	9.1	12.0	6.5
7	18.0	29.4	23.4	78.1	21.77	18.8	0.0	35.8	35.8	6.7
8	18.2	28.6	23.7	77.6	21.86	18.8	0.0	19.0	19.0	5.1
9	18.5	28.4	22.3	78.7	20.80	18.1	0.0	8.0	8.0	5.2
10	18.0	28.0	22.8	79.7	21.63	18.7	0.0	19.5	19.5	4.7
11	17.8	27.8	22.0	81.3	20.98	18.2	0.0	3.4	3.4	4.5
12	18.5	28.8	23.6	74.6	20.72	17.8	0.0	57.9	57.9	4.6
13	18.4	27.8	22.4	79.4	20.87	17.9	0.0	12.1	12.1	2.5
14	18.5	28.0	22.0	80.3	20.85	18.1	9.7	1.7	11.4	4.3
15	18.2	28.4	22.2	78.1	20.53	17.9	8.9	0.8	9.7	4.7
16	18.0	28.2	22.7	75.9	20.16	17.4	0.0	13.4	13.4	3.5
17	17.5	29.4	22.6	74.7	19.66	17.1	0.0	0.0	0.0	4.5
18	16.5	29.6	22.4	76.6	19.93	17.4	0.0	2.3	2.3	8.1
19	19.0	28.5	22.3	72.8	19.20	16.7	9.3	1.5	10.8	3.8
20	17.5	28.2	22.4	77.3	20.05	17.3	0.3	0.8	1.1	4.4
21	18.0	28.8	23.4	70.0	19.36	16.9	0.0	21.5	21.5	5.7
22	18.8	29.0	22.4	79.0	21.12	18.3	0.6	0.0	0.6	5.3
23	17.5	30.4	23.1	74.9	20.38	17.7	0.0	1.0	1.0	8.7
24	18.8	28.0	22.2	77.3	20.28	17.7	0.0	4.1	4.1	3.8
25	18.5	29.2	22.4	77.1	20.32	17.6	15.1	4.7	19.8	5.0
26	18.4	28.0	22.1	80.2	20.89	18.1	0.0	0.0	0.0	5.0
27	18.0	30.0	23.5	73.7	20.41	17.6	0.1	1.6	1.7	8.2
28	19.6	28.5	23.6	79.0	22.49	19.3	0.8	8.6	9.4	2.8
29	19.5	28.6	22.1	80.8	21.25	18.4	2.2	0.1	2.3	4.7
30	18.4	28.4	22.3	77.7	20.42	17.7	2.2	0.0	2.2	5.5
PROM.	18.2	28.6	22.6	77.6	20.70	17.9	53.8	247.0	300.8	149.2

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	19.0	27.4	23.1	75.6	20.86	18.1	0.0	29.3	29.3	2.7
2	18.2	28.8	23.2	73.3	19.78	17.1	0.0	8.2	8.2	6.9
3	18.0	24.6	20.5	86.8	20.78	18.1	1.2	20.0	21.2	0.6
4	17.2	27.5	21.4	78.6	19.28	16.7	0.8	18.0	18.8	3.6
5	17.4	25.4	21.0	80.1	19.80	17.3	0.6	0.1	0.7	2.3
6	18.0	28.2	22.8	75.7	20.47	17.8	0.0	0.3	0.3	6.6
7	18.7	26.4	21.9	80.1	20.96	18.2	0.3	23.0	23.3	0.7
8	17.5	26.2	21.5	77.4	19.40	17.0	0.0	1.0	1.0	5.1
9	18.4	28.4	22.3	74.6	19.57	17.0	0.3	0.0	0.3	6.5
10	17.5	30.0	22.9	73.3	19.73	17.3	0.0	0.0	0.0	7.0
11	16.0	30.1	22.2	75.5	19.17	16.7	0.1	0.0	0.1	7.7
12	16.8	30.5	24.1	69.9	19.89	17.2	0.0	0.1	0.1	6.9
13	19.4	27.5	22.6	75.4	20.30	17.7	1.0	18.2	19.2	3.6
14	18.5	26.2	22.1	76.6	20.01	17.4	0.0	0.0	0.0	1.4
15	18.4	30.4	22.6	76.1	20.23	17.6	0.3	0.0	0.3	7.7
16	18.5	30.5	24.2	68.6	19.64	17.1	0.0	5.4	5.4	7.3
17	18.2	29.0	21.5	77.6	19.61	17.2	1.4	16.0	17.4	7.2
18	17.8	29.4	22.1	76.3	19.67	17.2	0.0	5.5	5.5	8.5
19	18.0	28.6	23.1	71.1	19.55	17.1	0.0	0.0	0.0	4.4
20	17.8	30.2	23.2	70.1	18.71	16.1	0.0	0.0	0.0	7.4
21	16.5	28.5	22.8	71.5	19.02	16.6	0.0	0.0	0.0	4.3
22	17.5	27.0	22.4	74.5	19.71	17.2	0.0	0.7	0.7	3.6
23	18.0	28.5	22.5	71.9	18.96	16.5	0.0	0.0	0.0	7.4
24	16.0	28.6	22.2	73.3	18.48	16.1	0.0	0.0	0.0	6.2
25	18.0	28.2	21.7	76.6	19.27	16.8	0.0	3.4	3.4	4.9
26	17.8	27.5	22.0	77.1	20.13	17.6	0.0	3.9	3.9	1.1
27	18.8	28.6	22.0	76.7	19.85	17.3	0.2	4.1	4.3	4.6
28	17.4	28.0	22.7	71.7	18.98	16.6	0.0	6.0	6.0	5.3
29	18.0	25.5	21.7	81.9	20.81	18.0	0.0	0.0	0.0	0.9
30	18.2	28.2	22.0	77.0	19.69	17.1	0.2	0.0	0.2	4.5
31	18.0	28.0	21.3	78.9	19.67	17.2	1.1	0.0	1.1	4.5
PROM	17.9	28.1	22.3	75.6	19.74	17.2	7.5	163.2	170.7	151.4

ESTACION: SANTAGUEDA - FACULTAD MUNICIPIO: PALESTINA AÑO: 1.988

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.	Dias lluvias	
ENERO	17.7	30.9	23.4	14.0	32.8	72.8	19.94	17.3	13.5	2	
FEBRERO	17.7	29.7	23.3	15.4	33.0	75.1	20.40	17.7	156.4	14	
MARZO	17.9	31.7	24.9	15.0	35.0	63.0	18.13	15.7	26.0	6	206.2
ABRIL	18.9	29.1	23.4	17.5	32.4	73.9	20.48	17.8	167.5	19	
MAYO	18.3	29.2	23.4	15.7	32.0	74.3	20.62	17.9	238.9	20	153.9
JUNIO	17.8	28.0	22.5	15.5	31.0	80.2	21.33	18.4	143.0	20	91.9
JULIO	17.7	28.9	22.9	15.0	31.4	77.9	21.02	18.2	146.8	18	154.6
AGOSTO	18.2	27.7	22.5	16.0	31.5	79.8	21.17	18.3	275.6	26	128.9
SEPTIEMBRE	17.8	28.0	22.4	15.0	30.5	78.5	20.61	17.9	211.8	22	135.6
OCTUBRE	18.4	28.6	22.8	16.0	31.4	75.5	20.27	17.6	116.7	19	132.0
NOVIEMBRE	18.2	28.6	22.6	16.5	30.4	77.6	20.70	17.9	300.8	26	149.2
DICIEMBRE	17.9	28.1	22.3	16.0	30.5	75.6	19.74	17.2	170.7	23	151.4
PROMEDIO	18.0	29.0	23.0	15.6	31.8	75.4	20.37	17.7			
TOTAL									1967.7	215	

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.968

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	18.0	31.5	23.8	75.8	21.36	18.5	0.0	0.0	0.0	9.6
2	17.5	31.6	23.8	74.2	20.93	17.9	0.0	0.0	0.0	7.5
3	17.4	31.8	24.1	75.3	22.22	19.1	0.1	0.0	0.1	8.5
4	18.5	31.5	23.9	75.6	21.54	18.4	0.0	0.0	0.0	8.6
5	19.0	32.0	24.4	71.6	20.82	17.9	0.0	0.0	0.0	7.3
6	19.5	31.0	25.0	72.5	22.23	19.1	0.0	0.0	0.0	7.0
7	20.0	30.8	25.0	73.2	22.64	19.4	0.1	0.0	0.1	6.5
8	20.5	31.8	24.3	74.9	22.25	19.2	0.0	0.0	0.0	8.3
9	18.0	31.5	24.4	71.2	20.72	17.9	0.0	2.2	2.2	8.8
10	19.5	31.2	24.7	72.3	22.14	19.1	0.1	0.0	0.1	8.2
11	19.0	31.0	24.1	71.1	20.63	17.9	0.0	0.0	0.0	8.9
12	17.0	32.0	23.3	72.0	19.32	16.9	0.0	0.0	0.0	8.8
13	16.0	31.5	23.3	71.0	18.97	16.6	0.0	0.0	0.0	8.8
14	19.0	30.0	24.5	75.5	22.45	19.2	0.1	0.5	0.6	5.8
15	20.0	30.0	23.0	78.9	21.99	18.9	0.5	15.9	16.4	5.5
16	19.0	28.0	23.1	76.5	20.92	18.1	0.2	0.0	0.2	4.1
17	18.4	30.0	23.0	77.4	21.29	18.4	4.9	1.2	6.1	7.2
18	19.0	29.5	23.2	74.9	20.65	17.9	0.1	7.5	7.6	4.7
19	19.5	30.0	23.2	81.9	23.12	19.8	0.1	0.0	0.1	6.7
20	20.0	30.5	24.0	73.3	20.89	18.0	0.0	0.0	0.0	7.0
21	19.0	30.4	23.7	73.1	20.77	18.1	0.0	0.0	0.0	8.6
22	17.0	30.2	22.5	73.6	18.77	16.3	0.0	0.0	0.0	7.2
23	16.0	30.5	23.6	73.5	20.06	17.4	0.0	0.0	0.0	7.7
24	17.0	31.0	23.5	72.7	20.28	17.6	0.0	0.0	0.0	7.3
25	19.0	31.0	23.8	69.6	19.65	17.1	0.0	0.0	0.0	7.3
26	19.4	31.4	24.0	74.6	21.38	18.4	0.0	0.0	0.0	8.6
27	15.5	29.0	22.6	74.2	19.15	16.7	0.0	0.0	0.0	2.6
28	16.0	32.8	24.8	65.4	18.32	16.0	0.0	0.0	0.0	9.9
29	19.5	26.4	22.4	85.2	22.95	19.7	0.0	0.0	0.0	0.0
30	19.0	30.0	23.9	74.8	21.49	18.6	0.0	0.0	0.0	5.2
31	17.0	31.0	23.0	73.2	19.41	16.9	0.0	0.0	0.0	7.4
PROM.	18.4	30.7	23.7	74.2	20.95	18.1	6.2	27.3	33.5	219.6

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	32.5	24.5	71.5	20.50	17.8	0.0	0.0	0.0	7.9
2	19.5	28.5	23.9	82.3	24.07	20.5	0.0	0.0	0.0	2.6
3	17.5	31.4	24.2	71.4	20.18	17.5	0.0	56.4	56.4	6.7
4	17.5	24.5	19.6	91.5	20.65	18.0	6.4	0.0	6.4	6.6
5	18.0	30.0	23.5	79.6	22.33	19.2	0.5	0.0	0.5	1.8
6	17.4	29.5	23.4	78.0	21.67	18.7	0.0	0.6	0.6	5.6
7	19.0	30.0	24.1	77.5	22.50	19.3	0.0	0.0	0.0	8.3
8	17.0	32.8	25.1	68.3	19.88	17.3	0.0	31.5	31.5	8.3
9	18.0	24.5	21.0	87.5	21.71	18.6	0.2	0.0	0.2	0.0
10	17.0	30.0	23.4	76.8	21.28	18.5	0.0	0.0	0.0	6.0
11	19.0	28.0	22.9	77.4	21.01	18.3	0.2	0.0	0.2	2.2
12	19.0	30.1	24.2	72.8	21.12	18.3	0.0	14.0	14.0	9.0
13	19.5	27.5	23.3	80.2	22.34	19.2	2.7	5.8	8.5	3.9
14	19.0	30.0	24.4	73.1	21.28	18.3	0.7	8.9	9.6	7.3
15	19.0	31.0	24.9	77.2	23.28	19.8	0.0	0.0	0.0	7.1
16	19.0	31.5	24.0	77.8	22.61	19.4	0.0	0.0	0.0	9.3
17	18.0	31.0	24.1	78.5	22.96	19.7	0.0	0.0	0.0	7.2
18	19.0	32.5	24.1	76.0	22.09	19.1	0.0	0.0	0.0	10.1
19	19.0	32.0	24.6	75.6	22.41	19.2	0.0	0.0	0.0	10.0
20	18.5	31.5	23.8	73.6	20.78	18.1	0.0	0.0	0.0	8.9
21	17.0	31.3	24.0	76.1	22.14	19.1	0.0	0.0	0.0	7.4
22	18.4	29.0	24.1	78.0	22.68	19.5	0.0	0.1	0.1	5.1
23	19.0	31.0	24.7	73.3	21.90	18.8	0.0	4.1	4.1	6.6
24	19.8	28.4	23.3	76.6	21.34	18.5	13.8	6.8	20.6	3.9
25	18.5	28.6	22.8	84.4	23.33	19.9	0.1	10.6	10.7	2.9
26	19.0	28.0	22.4	78.2	20.74	18.1	0.0	10.1	10.1	3.1
27	18.0	21.8	19.6	98.2	22.36	19.3	16.5	0.0	16.5	0.0
28	16.4	29.0	22.4	78.7	20.49	17.8	0.0	0.0	0.0	7.6
29	16.0	31.0	22.8	74.0	19.51	16.9	0.0	0.0	0.0	9.8
PROM	18.2	29.5	23.4	78.1	21.69	18.7	41.1	148.9	190.0	175.2

ESTACION: SANTAGUEDA – LUKER MUNICIPIO: PALESTINA AÑO: 1.988

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

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	31.0	23.9	63.6	18.22	16.0	0.0	0.3	0.3	8.0
2	19.5	31.8	24.3	72.8	20.97	18.0	0.0	0.0	0.0	8.5
3	16.8	31.6	23.7	72.0	19.69	17.0	0.0	0.0	0.0	9.2
4	18.0	31.4	24.6	70.5	20.56	17.8	0.0	0.0	0.0	6.7
5	18.3	31.5	24.4	67.3	19.30	16.9	0.0	0.0	0.0	8.8
6	18.0	31.0	24.0	70.2	19.65	16.9	0.0	0.0	0.0	8.0
7	18.2	31.5	24.4	69.5	19.66	16.8	0.0	0.0	0.0	6.2
8	19.0	31.0	24.6	73.0	21.77	18.8	0.0	0.5	0.5	6.2
9	19.0	21.2	20.4	97.7	23.51	20.1	26.1	0.6	26.7	0.0
10	17.0	30.5	22.6	76.0	19.98	17.4	0.0	0.0	0.0	9.7
11	15.5	32.0	23.5	69.6	18.63	16.2	0.0	0.0	0.0	9.9
12	17.5	31.5	23.7	70.2	19.27	16.6	0.0	0.0	0.0	9.6
13	18.8	31.2	23.5	69.3	19.38	16.9	0.0	0.0	0.0	8.3
14	17.0	31.5	23.8	68.5	19.10	16.7	0.0	0.0	0.0	9.3
15	16.0	31.0	23.6	71.9	19.97	17.4	0.0	0.0	0.0	9.7
16	16.0	29.6	23.3	76.6	21.18	18.3	0.2	1.0	1.2	5.1
17	16.2	30.5	23.5	71.2	19.35	16.7	0.0	0.0	0.0	7.2
18	18.0	32.5	24.9	71.0	21.04	18.1	0.0	0.0	0.0	8.2
19	17.0	32.0	25.0	68.8	19.91	17.0	0.0	0.0	0.0	6.1
20	17.8	32.2	24.9	72.8	21.66	18.5	0.0	0.0	0.0	8.5
21	15.5	34.5	26.3	71.1	22.81	19.5	0.0	0.0	0.0	9.5
22	18.0	32.5	25.0	68.0	19.74	16.9	0.0	0.0	0.0	6.2
23	19.0	31.8	24.9	73.1	22.09	19.0	0.0	0.0	0.0	8.1
24	18.0	33.0	24.0	71.2	19.88	17.0	0.1	0.0	0.1	8.5
25	18.0	32.4	24.1	68.1	18.95	16.3	0.0	0.0	0.0	5.6
26	17.8	31.5	25.1	70.5	21.05	18.0	0.0	0.0	0.0	4.9
27	18.0	31.4	25.0	70.4	21.86	18.7	0.0	0.0	0.0	4.3
28	18.0	31.8	24.6	70.3	20.51	17.8	0.0	0.0	0.0	4.8
29	20.0	28.6	24.5	75.6	22.58	19.4	0.0	1.1	1.1	0.5
30	20.0	30.0	23.4	76.7	21.91	18.9	1.9	2.0	3.9	4.3
31	18.0	33.0	25.2	71.9	21.66	18.5	0.0	4.3	4.3	7.6
PROM.	17.8	31.2	24.2	71.9	20.51	17.7	28.3	9.8	38.1	217.5

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	18.2	29.5	22.7	82.3	22.36	19.2	0.0	0.0	0.0	3.4
2	18.5	22.0	20.4	97.7	23.62	20.2	16.1	0.0	16.1	0.0
3	18.0	30.0	23.3	75.2	20.77	17.9	7.6	17.5	25.1	5.2
4	18.0	30.1	23.9	76.3	21.83	18.9	0.0	0.0	0.0	3.7
5	19.5	32.0	24.9	73.7	22.43	19.2	0.0	8.4	8.4	6.3
6	18.5	25.4	21.7	85.1	21.94	19.0	0.0	0.0	0.0	0.0
7	19.0	30.0	23.8	74.8	21.53	18.6	0.0	0.0	0.0	6.3
8	19.1	29.4	23.9	78.5	22.86	19.6	0.0	8.7	8.7	5.0
9	19.0	24.0	21.5	90.8	23.31	19.9	2.4	0.0	2.4	0.0
10	19.0	25.4	21.5	85.4	21.96	19.0	0.0	0.0	0.0	0.0
11	17.5	24.4	20.9	85.0	20.90	18.2	0.0	0.0	0.0	0.0
12	18.0	28.6	23.0	78.8	21.58	18.6	2.9	14.8	17.7	4.0
13	18.8	25.2	21.3	83.4	21.32	18.5	1.6	0.0	1.6	0.0
14	18.5	30.0	23.3	77.5	21.78	18.8	3.6	2.9	6.5	8.7
15	18.8	28.4	22.1	72.4	19.07	16.8	7.6	0.2	7.8	4.3
16	19.4	30.0	23.9	75.2	21.62	18.6	0.0	1.0	1.0	7.3
17	19.0	31.0	24.3	72.0	20.76	17.8	0.0	0.0	0.0	9.5
18	18.8	29.4	23.8	77.8	22.56	19.4	0.0	0.0	0.0	5.8
19	20.0	28.5	23.5	82.0	23.47	20.0	0.0	2.7	2.7	4.0
20	19.0	30.2	24.6	74.9	22.56	19.4	0.0	14.9	14.9	6.3
21	18.4	27.5	22.8	77.9	21.19	18.4	0.0	0.0	0.0	4.7
22	19.8	30.0	22.2	78.0	20.82	18.1	4.1	0.5	4.6	6.4
23	18.4	29.0	23.4	79.2	22.18	19.1	0.0	0.0	0.0	7.5
24	18.5	30.5	22.7	81.5	22.39	19.3	2.1	0.3	2.4	7.4
25	18.5	30.3	23.4	80.4	22.45	19.3	0.0	0.0	0.0	6.5
26	18.5	28.0	22.6	81.5	22.12	19.1	0.0	0.0	0.0	2.6
27	19.0	30.0	23.4	80.0	22.55	19.3	0.6	1.8	2.4	5.9
28	19.2	30.5	24.5	71.3	21.18	18.3	0.0	2.0	2.0	6.0
29	18.5	30.6	23.6	79.7	23.04	19.7	0.2	17.1	17.3	0.0
30	17.8	27.2	21.8	88.0	23.31	19.9	0.4	9.0	9.4	5.9
PROM	18.7	28.6	23.0	79.9	21.98	18.9	49.2	101.8	151.0	132.7

ESTACION: SANTAGUEDA – LUKER MUNICIPIO: PALESTINA AÑO: 1.988

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	28.5	22.6	82.7	22.69	19.5	0.3	0.0	0.3	3.4
2	18.0	25.2	20.6	86.0	21.02	18.3	2.9	0.0	2.9	0.9
3	16.0	30.0	22.8	74.5	19.85	17.3	0.0	1.4	1.4	6.4
4	18.5	25.0	20.7	88.7	21.73	18.8	17.6	0.0	17.6	1.4
5	18.0	30.0	24.3	72.2	20.88	18.1	0.0	7.4	7.4	6.4
6	18.0	29.0	22.7	78.3	21.28	18.5	0.0	0.0	0.0	4.5
7	16.5	29.5	22.1	78.3	20.40	17.7	0.0	0.0	0.0	9.4
8	17.5	31.5	23.7	73.0	20.79	18.0	0.0	0.1	0.1	7.1
9	18.5	31.0	25.2	68.4	21.00	18.3	0.0	0.5	0.5	9.0
10	19.5	29.5	23.1	79.9	22.26	19.1	0.2	0.0	0.2	4.8
11	16.6	31.0	24.2	74.1	21.51	18.6	0.0	6.0	6.0	5.6
12	19.5	28.3	23.2	78.7	21.91	18.9	0.0	0.0	0.0	3.5
13	18.5	29.0	24.1	75.9	22.36	19.3	0.2	44.1	44.3	5.4
14	17.0	27.0	21.7	74.8	19.20	16.8	0.0	0.0	0.0	4.8
15	18.0	29.0	23.0	69.1	18.97	16.6	0.0	2.3	2.3	6.5
16	16.0	30.0	23.2	78.2	21.78	18.7	0.0	0.0	0.0	8.1
17	18.0	29.0	23.2	81.2	22.67	19.4	0.0	53.3	53.3	5.5
18	17.5	26.6	22.3	83.2	22.25	19.2	0.0	0.0	0.0	2.4
19	18.0	29.5	22.9	81.9	22.70	19.5	0.0	5.8	5.8	6.8
20	20.0	27.3	22.5	80.2	21.68	18.8	0.0	0.0	0.0	1.5
21	18.0	29.5	23.5	77.7	21.69	18.6	0.0	0.0	0.0	5.0
22	18.5	30.0	24.4	73.2	21.80	18.8	0.0	0.0	0.0	9.5
23	20.0	28.0	22.9	82.3	22.87	19.6	0.0	0.0	0.0	1.5
24	18.0	30.0	24.0	79.2	23.01	19.7	0.0	0.6	0.6	6.3
25	18.6	30.0	24.6	78.8	23.88	20.3	11.6	47.4	59.0	3.1
26	19.0	28.3	22.3	84.4	22.69	19.5	0.0	0.0	0.0	2.8
27	18.0	29.9	22.4	81.3	21.74	18.6	0.0	0.0	0.0	6.9
28	19.5	28.6	23.0	79.0	21.85	18.9	13.8	11.9	25.7	6.2
29	18.5	31.0	22.0	79.3	21.04	18.3	21.4	30.5	51.9	8.2
30	17.0	29.3	22.3	80.2	20.86	18.1	0.0	0.0	0.0	6.7
31	16.9	29.0	22.6	80.4	21.35	18.5	0.3	4.9	5.2	6.5
PROM.	18.1	29.0	23.0	78.6	21.60	18.7	68.3	216.2	284.5	166.1

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.5	28.5	23.6	79.3	22.48	19.3	0.0	0.0	0.0	0.8
2	18.0	28.3	23.2	83.6	23.24	19.7	0.0	5.4	5.4	3.6
3	19.0	26.5	22.1	86.7	23.05	19.7	0.0	0.0	0.0	0.4
4	17.0	28.0	22.3	81.2	21.38	18.5	0.0	27.3	27.3	4.2
5	18.0	31.0	24.3	71.4	20.91	18.0	0.0	0.0	0.0	7.4
6	17.0	31.0	24.3	76.5	22.52	19.4	0.0	0.0	0.0	9.4
7	18.0	31.8	24.3	75.7	22.24	19.1	0.0	1.4	1.4	10.0
8	18.0	29.0	22.9	80.6	22.16	19.1	0.0	0.0	0.0	2.3
9	19.5	27.4	22.6	84.8	23.21	19.9	0.0	0.0	0.0	3.6
10	19.5	28.5	22.4	82.4	22.19	19.1	0.6	0.0	0.6	3.2
11	18.0	28.5	21.8	86.0	22.55	19.4	5.3	0.8	6.1	3.5
12	18.0	26.6	22.1	85.6	22.62	19.4	0.0	4.1	4.1	1.5
13	19.0	28.8	23.6	81.6	23.16	19.8	0.0	4.7	4.7	5.6
14	19.5	29.3	21.4	79.8	20.13	17.4	0.1	0.0	0.1	4.1
15	17.0	29.0	23.3	76.6	20.99	18.2	0.0	0.0	0.0	7.4
16	19.0	26.8	20.6	96.4	23.68	20.2	11.3	11.1	22.4	2.6
17	17.5	27.5	22.5	78.9	20.97	18.2	0.0	18.4	18.4	2.9
18	18.3	26.0	21.5	88.8	22.83	19.6	1.3	3.6	4.9	0.4
19	18.0	25.5	20.6	85.0	20.83	18.2	0.1	0.0	0.1	3.2
20	17.5	28.5	22.7	76.9	20.51	17.7	0.0	0.0	0.0	6.6
21	17.5	30.5	23.6	74.9	21.18	18.4	0.0	0.0	0.0	10.3
22	18.5	30.5	23.6	74.4	21.73	18.8	0.0	31.9	31.9	8.3
23	18.0	28.0	22.5	79.8	20.97	18.1	0.0	1.9	1.9	2.2
24	18.6	28.0	21.9	83.4	21.95	18.9	7.9	7.9	15.8	1.4
25	18.0	25.4	21.7	82.2	21.12	18.3	0.3	0.0	0.3	1.0
26	15.0	28.0	22.9	73.0	20.04	17.4	0.0	0.0	0.0	5.1
27	17.0	30.5	23.9	71.6	20.66	18.0	0.0	7.0	7.0	10.7
28	17.5	27.0	23.1	73.6	19.81	17.1	1.0	0.0	1.0	5.2
29	17.5	27.1	20.7	91.5	22.30	19.2	3.7	0.0	3.7	7.8
30	17.0	29.5	22.2	79.6	20.70	17.9	1.4	0.0	1.4	3.1
PROM	18.0	28.4	22.6	80.7	21.74	18.7	33.0	125.5	158.5	137.8

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.988

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	26.0	22.1	86.3	22.60	19.4	0.0	4.8	4.8	5.6
2	18.0	28.5	21.6	82.8	21.30	18.5	9.0	3.7	12.7	2.2
3	18.0	27.0	21.5	82.9	21.13	18.3	0.4	30.6	31.0	2.8
4	18.0	26.1	22.1	85.0	22.24	19.2	1.4	32.3	33.7	1.0
5	18.0	26.0	21.4	83.1	20.88	18.2	0.1	32.2	32.3	1.1
6	18.0	27.0	22.2	81.7	21.26	18.4	0.2	1.0	1.2	3.0
7	17.5	29.6	23.8	74.1	20.97	18.1	0.0	2.4	2.4	7.9
8	18.5	28.0	22.8	80.5	21.93	18.9	0.2	0.5	0.7	3.0
9	18.5	28.4	22.5	78.8	21.09	18.3	0.0	0.0	0.0	5.0
10	16.0	29.0	23.0	78.8	21.25	18.4	0.0	8.7	8.7	6.2
11	19.0	29.6	23.3	80.3	22.38	19.2	0.0	0.0	0.0	6.1
12	17.0	29.8	22.5	79.5	21.03	18.2	0.0	0.0	0.0	6.9
13	19.0	28.4	23.2	80.0	22.12	19.0	0.0	0.0	0.0	2.2
14	15.6	32.2	23.0	76.3	20.32	17.6	0.0	0.0	0.0	8.9
15	16.0	31.5	24.4	72.4	20.91	18.2	0.0	0.0	0.0	10.5
16	16.5	31.0	23.3	76.6	21.04	18.2	0.0	0.0	0.0	6.8
17	17.4	30.8	23.5	76.5	21.34	18.5	0.0	1.3	1.3	7.4
18	18.5	30.5	22.5	80.9	21.57	18.6	0.4	0.3	0.7	6.6
19	18.0	29.5	23.2	80.6	22.36	19.2	0.0	0.0	0.0	5.5
20	19.0	30.6	23.9	78.1	22.60	19.4	0.0	0.0	0.0	8.2
21	18.5	29.0	23.1	81.4	22.76	19.5	0.0	0.0	0.0	2.9
22	20.0	29.5	24.1	79.5	23.42	20.0	0.0	0.0	0.0	5.7
23	20.0	29.5	23.4	80.7	22.70	19.5	0.0	0.0	0.0	3.3
24	18.5	29.5	23.4	79.1	22.15	19.0	0.0	3.2	3.2	4.0
25	18.5	30.5	23.8	73.5	20.69	18.0	0.0	12.9	12.9	7.6
26	19.0	30.5	24.0	76.5	22.06	19.0	1.0	20.9	21.9	8.0
27	18.5	30.0	23.6	78.7	22.63	19.4	0.0	0.0	0.0	7.0
28	18.0	30.5	24.3	75.7	22.00	18.9	0.0	1.6	1.6	7.6
29	19.5	29.0	23.6	81.1	23.28	19.9	0.2	7.8	8.0	5.1
30	18.5	29.9	22.8	79.4	21.52	18.7	0.0	0.2	0.2	5.0
31	18.5	29.5	22.4	81.2	21.52	18.6	0.0	0.0	0.0	3.5
PROM.	18.1	29.3	23.0	79.4	21.78	18.8	12.9	164.4	177.3	166.6

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	18.0	31.0	24.3	70.6	20.72	18.0	0.0	3.1	3.1	7.5
2	19.8	29.4	21.9	85.4	22.85	19.6	5.7	13.8	19.5	2.5
3	18.6	30.0	22.8	78.0	21.05	18.3	0.0	17.1	17.1	3.6
4	19.0	29.5	23.2	80.0	22.15	19.1	0.2	0.0	0.2	3.8
5	19.6	31.8	24.3	74.9	21.84	18.8	0.0	0.0	0.0	7.3
6	19.0	29.6	23.8	79.8	22.84	19.5	0.0	8.5	8.5	5.8
7	19.4	30.4	24.5	74.3	22.21	19.1	0.0	7.5	7.5	5.8
8	19.8	26.0	22.2	91.2	24.12	20.5	5.2	0.3	5.5	0.8
9	18.5	30.0	23.8	76.5	21.80	18.8	0.0	1.6	1.6	5.8
10	19.5	28.0	22.8	80.5	22.08	19.1	0.0	3.4	3.4	2.0
11	18.5	28.0	22.7	78.9	21.57	18.7	0.0	0.0	0.0	2.7
12	16.5	29.4	22.2	80.4	20.91	18.1	2.3	30.6	32.9	3.8
13	18.0	29.9	22.9	80.5	21.97	18.9	0.0	6.7	6.7	5.6
14	19.0	27.0	22.2	87.5	23.17	19.8	3.0	13.3	16.3	1.5
15	18.0	29.0	23.6	75.0	21.19	18.4	0.0	3.7	3.7	6.8
16	17.5	29.4	23.5	74.3	20.89	18.2	0.1	7.8	7.9	4.4
17	18.8	29.0	22.8	82.1	22.32	19.2	0.0	0.0	0.0	3.3
18	19.5	28.8	23.5	77.9	22.01	19.0	0.0	0.0	0.0	5.6
19	17.5	28.0	23.2	79.2	21.93	18.9	0.0	32.7	32.7	4.6
20	18.5	28.5	22.8	75.7	20.23	17.5	0.0	5.9	5.9	3.5
21	19.4	26.0	22.4	85.8	23.22	19.9	1.1	11.4	12.5	1.1
22	18.5	26.5	22.1	81.8	21.23	18.3	2.1	0.0	2.1	1.1
23	17.0	30.0	24.0	71.0	20.03	17.5	0.0	14.6	14.6	9.6
24	19.0	28.0	23.5	76.3	21.53	18.7	0.0	0.0	0.0	2.0
25	19.6	29.0	23.5	80.1	22.64	19.4	0.1	7.7	7.8	7.0
26	19.5	29.8	23.1	80.0	22.15	19.0	1.9	30.5	32.4	3.2
27	19.8	26.8	22.2	87.3	23.24	19.9	0.6	5.6	6.2	2.0
28	19.0	26.9	23.0	80.9	22.17	19.1	0.0	0.6	0.6	1.0
29	18.5	28.0	22.5	77.2	20.68	18.0	0.0	14.4	14.4	4.9
30	18.8	26.0	22.2	82.2	21.68	18.7	4.4	17.2	21.6	0.4
31	18.0	21.4	19.2	92.2	20.72	18.1	0.8	0.0	0.8	0.0
PROM	18.7	28.4	22.9	79.9	21.84	18.8	33.5	258.0	291.5	119.0

ESTACION: SANTAGUEDA – LUKER MUNICIPIO: PALESTINA AÑO: 1.988

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

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	30.0	23.0	76.9	20.57	17.7	0.0	0.0	0.0	5.4
2	18.6	30.2	23.3	79.1	21.84	18.7	0.9	1.5	2.4	6.7
3	18.5	27.4	22.0	82.3	21.48	18.6	1.0	0.0	1.0	4.0
4	18.6	30.4	21.7	77.8	19.55	17.0	7.8	0.0	7.8	7.6
5	18.0	26.4	22.3	82.6	22.09	19.0	0.0	0.0	0.0	1.3
6	17.4	29.8	23.3	75.1	20.60	17.6	0.0	8.7	8.7	6.2
7	19.8	23.5	20.3	92.4	22.18	19.1	4.1	0.0	4.1	0.0
8	15.8	27.4	21.3	85.7	21.38	18.6	0.0	0.0	0.0	7.3
9	17.8	29.9	22.7	79.0	21.38	18.5	0.3	1.4	1.7	3.6
10	19.8	27.2	23.0	77.6	21.15	18.1	0.0	6.4	6.4	0.3
11	18.8	28.0	22.2	81.9	21.70	18.8	0.0	5.1	5.1	2.5
12	18.8	26.0	21.9	82.2	21.20	18.3	0.0	0.0	0.0	0.1
13	19.0	25.9	21.7	84.3	21.87	18.9	29.7	9.6	39.3	0.4
14	18.8	29.0	22.3	76.9	20.05	17.4	0.0	0.0	0.0	1.7
15	18.0	31.0	22.9	76.1	20.50	17.8	0.0	0.0	0.0	5.6
16	16.0	30.0	22.7	73.3	18.88	16.4	0.0	0.6	0.6	5.4
17	19.0	30.8	22.6	75.7	20.44	17.7	0.4	49.4	49.8	5.1
18	18.5	28.5	22.8	79.3	21.51	18.6	0.7	14.3	15.0	3.0
19	18.0	26.8	21.1	87.5	21.67	18.7	0.5	1.2	1.7	2.7
20	19.5	28.5	22.1	84.1	22.11	19.1	0.0	6.2	6.2	4.1
21	18.5	29.5	22.7	80.5	21.79	18.9	2.0	0.0	2.0	4.4
22	19.5	29.2	23.8	77.4	22.30	19.2	0.0	16.8	16.8	6.8
23	19.0	29.5	23.0	78.8	21.51	18.4	0.0	0.0	0.0	5.3
24	19.5	31.0	24.8	68.7	20.54	17.9	0.0	6.8	6.8	7.2
25	19.0	29.2	23.1	80.1	22.28	19.2	0.0	0.0	0.0	1.3
26	19.4	28.0	23.6	78.6	22.35	19.2	0.0	0.0	0.0	2.1
27	17.5	31.0	24.0	70.8	19.92	17.2	0.0	0.0	0.0	7.3
28	19.0	30.5	23.8	78.5	22.58	19.4	0.0	0.0	0.0	8.0
29	20.0	31.5	24.1	80.9	24.22	20.5	7.8	23.4	31.2	7.8
30	19.0	28.0	22.0	83.6	21.81	18.8	0.9	0.0	0.9	1.1
PROM.	18.5	28.8	22.7	79.6	21.38	18.5	56.1	151.4	207.5	124.3

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	19.5	27.5	22.5	80.9	21.85	18.8	0.0	6.0	6.0	2.0
2	19.4	28.8	22.9	80.6	22.12	19.0	3.4	6.9	10.3	2.3
3	19.0	29.0	22.9	79.7	21.57	18.5	0.2	1.6	1.8	4.3
4	19.5	28.2	22.9	78.6	21.77	18.8	0.0	0.0	0.0	2.8
5	19.0	30.0	23.1	77.3	21.41	18.5	0.0	0.0	0.0	4.7
6	19.4	31.0	24.5	71.4	21.02	18.2	0.0	28.1	28.1	7.1
7	18.8	27.8	22.8	80.7	21.95	18.9	0.0	1.2	1.2	1.6
8	19.5	25.4	21.4	90.1	22.95	19.7	4.3	0.9	5.2	1.1
9	19.4	28.9	23.3	80.6	22.91	19.7	0.1	1.8	1.9	5.8
10	19.0	31.5	24.1	73.3	21.36	18.4	0.0	0.0	0.0	6.7
11	18.8	28.5	23.8	75.2	21.70	18.8	0.0	0.8	0.8	3.9
12	19.0	27.4	22.4	79.4	21.31	18.5	6.7	11.0	17.7	0.3
13	18.8	27.0	22.1	81.3	21.14	18.3	0.0	18.0	18.0	3.0
14	18.9	26.6	22.1	80.5	21.03	18.3	2.3	16.6	18.9	1.2
15	18.8	25.0	21.1	83.3	20.78	18.1	0.2	0.0	0.2	4.6
16	18.0	29.4	23.1	74.7	20.86	18.1	0.0	0.0	0.0	3.6
17	18.5	30.0	23.6	74.0	20.83	18.0	0.0	15.4	15.4	6.4
18	19.0	28.5	23.0	77.8	21.58	18.7	0.1	0.2	0.3	4.3
19	19.4	30.0	23.0	78.1	21.57	18.7	0.0	0.0	0.0	7.5
20	17.5	31.0	23.8	73.7	20.59	17.7	0.0	0.0	0.0	8.8
21	19.0	30.5	24.4	75.9	22.48	19.3	0.0	16.1	16.1	7.1
22	17.5	26.0	21.4	87.9	22.36	19.3	0.0	0.0	0.0	0.9
23	16.4	30.5	23.6	76.0	21.08	18.3	0.0	0.0	0.0	9.3
24	19.5	30.0	21.9	77.6	20.27	17.6	11.9	0.9	12.8	6.4
25	17.5	27.0	21.2	82.9	20.67	18.0	2.7	0.7	3.4	1.6
26	18.0	28.5	22.4	79.3	21.18	18.3	0.0	0.0	0.0	3.0
27	17.8	29.0	22.4	80.1	21.38	18.5	1.5	0.8	2.3	6.0
28	19.0	27.5	22.2	81.5	21.49	18.6	2.2	1.1	3.3	2.1
29	18.4	29.0	23.3	70.5	19.75	17.2	0.0	0.0	0.0	4.0
30	19.0	30.0	22.5	77.8	21.08	18.2	0.3	1.4	1.7	4.9
31	17.0	29.0	23.2	74.0	20.45	17.7	0.0	0.8	0.8	6.1
PROM	18.7	28.7	22.8	78.5	21.37	18.5	35.9	130.3	166.2	133.4

ESTACION: SANTAGUEDA - LUKER MUNICIPIO: PALESTINA AÑO: 1.988

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	19.0	29.5	22.6	82.1	22.62	19.4	1.5	2.8	4.3	5.2
2	19.2	25.0	21.7	86.9	22.47	19.3	0.0	11.7	11.7	0.6
3	19.0	27.5	21.8	81.5	21.25	18.4	0.0	0.0	0.0	4.0
4	17.0	29.4	23.2	78.2	21.49	18.5	0.0	0.0	0.0	7.3
5	17.5	29.9	22.8	80.0	21.93	19.0	0.0	10.2	10.2	6.2
6	17.0	30.5	22.8	78.7	21.34	18.5	1.5	18.8	20.3	6.8
7	18.0	29.0	22.7	80.3	21.86	18.9	0.0	33.0	33.0	6.8
8	17.5	28.0	23.0	79.1	21.59	18.6	0.1	8.3	8.4	4.9
9	19.0	28.2	22.1	78.3	20.59	17.9	1.3	7.6	8.9	4.4
10	18.5	28.5	22.6	79.8	21.56	18.6	0.2	20.1	20.3	3.8
11	18.0	28.0	22.2	80.2	20.90	18.1	0.1	5.9	6.0	4.2
12	18.8	28.5	23.4	73.3	20.27	17.5	0.0	51.1	51.1	4.0
13	19.0	27.4	22.2	83.1	22.12	19.1	0.5	9.3	9.8	3.2
14	19.2	28.0	21.8	83.1	21.73	18.8	11.9	4.3	16.2	2.1
15	18.0	28.2	21.9	78.7	20.20	17.5	7.5	12.0	19.5	5.8
16	17.4	27.0	22.5	78.8	20.86	18.1	0.0	8.3	8.3	3.2
17	18.0	28.5	22.4	79.7	21.16	18.4	0.0	0.0	0.0	3.9
18	17.0	28.8	22.6	76.7	20.45	17.8	0.0	1.5	1.5	8.2
19	19.0	28.4	22.7	79.4	21.52	18.6	2.4	8.0	10.4	4.1
20	17.0	27.4	21.4	80.8	20.22	17.6	0.6	0.9	1.5	0.0
21	18.5	28.0	22.7	78.1	21.19	18.3	0.0	40.6	40.6	5.0
22	19.0	27.5	22.0	80.9	21.19	18.4	1.1	0.0	1.1	4.8
23	18.0	29.0	23.1	75.9	20.73	17.9	0.0	3.4	3.4	8.0
24	18.5	26.0	22.7	78.9	21.46	18.6	0.7	1.0	1.7	3.8
25	19.0	29.0	22.2	79.2	20.81	18.0	7.3	10.9	18.2	5.6
26	18.0	28.0	22.1	80.7	21.26	18.4	0.0	0.1	0.1	4.4
27	18.2	29.8	23.4	75.8	21.22	18.4	0.0	3.8	3.8	7.0
28	19.5	28.2	23.2	81.1	22.79	19.5	0.3	7.3	7.6	2.8
29	18.5	28.5	22.0	80.4	21.07	18.2	1.9	0.0	1.9	4.2
30	18.0	28.6	22.5	80.0	21.36	18.5	1.6	0.0	1.6	5.4
PROM.	18.3	28.3	22.5	79.7	21.31	18.4	40.5	280.9	321.4	139.7

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	19.0	27.0	22.3	77.2	20.56	17.9	0.0	25.5	25.5	2.6
2	18.5	27.8	22.4	78.2	20.64	17.9	0.0	8.0	8.0	5.3
3	18.8	25.0	20.7	87.2	21.44	18.6	1.4	14.0	15.4	1.2
4	17.5	27.5	21.6	82.5	21.12	18.3	0.2	21.6	21.8	4.9
5	17.0	25.5	20.6	87.1	21.24	18.5	0.6	0.1	0.7	4.2
6	18.0	28.5	22.1	77.3	20.07	17.5	0.0	4.0	4.0	7.8
7	18.5	25.4	21.7	84.4	21.80	18.9	0.2	31.8	32.0	0.9
8	17.0	26.5	20.9	79.6	19.40	17.0	0.0	1.0	1.0	3.7
9	18.0	27.8	22.0	79.8	20.60	17.9	0.1	0.0	0.1	6.2
10	17.0	29.8	22.8	79.9	21.63	18.6	0.0	0.0	0.0	6.6
11	16.0	29.4	22.0	78.4	20.02	17.5	0.0	0.0	0.0	7.9
12	17.5	30.4	23.9	71.6	20.17	17.5	0.0	0.3	0.3	6.8
13	19.0	27.0	22.3	78.1	20.86	18.0	0.8	12.3	13.1	3.7
14	18.5	26.0	21.7	81.9	21.01	18.2	0.0	0.0	0.0	1.1
15	18.4	29.5	22.3	78.5	20.60	17.8	0.7	0.0	0.7	7.1
16	18.0	29.6	23.4	75.4	20.98	18.1	0.0	8.2	8.2	7.8
17	18.2	28.0	22.2	79.2	20.77	18.1	0.2	6.7	6.9	5.8
18	18.5	28.2	22.3	78.3	19.92	17.4	0.0	3.2	3.2	7.0
19	18.0	27.5	23.1	72.9	19.88	17.3	0.0	0.0	0.0	4.4
20	17.4	29.8	22.1	76.2	19.48	16.9	0.0	0.0	0.0	6.6
21	16.4	28.0	22.7	77.7	20.91	18.2	0.0	0.0	0.0	4.8
22	17.0	26.2	21.8	84.4	21.67	18.7	0.0	0.8	0.8	3.6
23	17.5	28.5	22.4	76.8	20.22	17.5	0.0	0.0	0.0	7.4
24	16.0	28.6	21.6	76.6	18.95	16.6	0.0	0.0	0.0	5.3
25	17.5	28.4	21.9	77.3	19.83	17.2	0.0	7.1	7.1	5.1
26	18.0	27.0	21.3	82.4	20.66	18.0	0.0	12.9	12.9	2.1
27	18.1	28.0	21.8	82.1	21.17	18.3	1.9	4.4	6.3	4.3
28	17.0	28.4	22.7	78.5	20.97	18.2	0.0	5.7	5.7	5.5
29	18.0	26.0	21.5	86.1	21.88	18.9	0.0	0.3	0.3	0.9
30	18.2	27.6	21.7	80.5	20.50	17.8	0.3	0.0	0.3	4.5
31	18.0	28.0	21.5	80.6	20.57	17.9	1.0	0.0	1.0	5.4
PROM	17.8	27.8	22.0	79.5	20.63	17.9	7.4	167.9	175.3	150.7

ESTACION: SANTAGUEDA – LUKER MUNICIPIO: PALESTINA AÑO: 1.988

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	18.4	30.7	23.7	15.5	32.8	74.2	20.95	18.1	33.5	10	219.6
FEBRERO	18.2	29.5	23.4	16.0	32.8	78.1	21.69	18.7	190.0	16	175.2
MARZO	17.8	31.2	24.2	15.5	34.5	71.9	20.51	17.7	38.1	8	217.5
ABRIL	18.7	28.6	23.0	17.5	32.0	79.9	21.98	18.9	151.0	18	132.7
MAYO	18.1	29.0	23.0	16.0	31.5	78.6	21.60	18.7	284.5	18	166.1
JUNIO	18.0	28.4	22.6	15.0	31.8	80.7	21.74	18.7	158.5	20	137.8
JULIO	18.1	29.3	23.0	15.6	32.2	79.4	21.78	18.8	177.3	17	166.6
AGOSTO	18.7	28.4	22.9	16.5	31.8	79.9	21.84	18.8	291.5	26	119.0
SEPTIEMBRE	18.5	28.8	22.7	15.8	31.5	79.6	21.38	18.5	207.5	19	124.3
OCTUBRE	18.7	28.7	22.8	16.4	31.5	78.5	21.37	18.5	166.2	21	133.4
NOVIEMBRE	18.3	28.3	22.5	17.0	30.5	79.7	21.31	18.4	321.4	27	139.7
DICIEMBRE	17.8	27.8	22.0	16.0	30.4	79.5	20.63	17.9	175.3	23	150.7
PROMEDIO	18.3	29.1	23.0	16.1	31.9	78.3	21.40	18.5			
TOTAL									2194.8	223	1882.6

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.988

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

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	30.2	22.8	75.5	20.34	17.8	0.0	0.0	0.0	9.4
2	17.6	29.8	22.9	77.2	21.25	18.4	0.4	0.7	1.1	6.5
3	18.4	28.8	23.3	80.5	22.73	19.5	0.0	0.0	0.0	6.6
4	18.9	30.0	23.4	80.7	23.06	19.8	0.0	0.0	0.0	7.3
5	19.5	31.0	23.6	76.6	22.23	19.1	0.0	0.0	0.0	5.6
6	18.5	29.9	23.4	75.7	21.62	18.7	0.0	0.0	0.0	6.3
7	19.0	29.2	23.6	76.6	21.94	18.5	0.0	0.3	0.3	6.2
8	19.2	30.8	23.9	78.3	23.01	19.7	0.0	0.0	0.0	6.9
9	18.9	30.8	24.2	75.0	22.05	19.0	0.0	0.0	0.0	6.5
10	19.0	30.1	23.3	77.9	22.05	19.0	0.0	0.0	0.0	5.8
11	18.1	30.0	22.8	75.9	20.84	18.1	0.0	0.0	0.0	7.4
12	17.2	31.7	22.9	74.6	20.28	17.7	0.0	0.0	0.0	9.0
13	17.0	30.5	24.2	68.6	20.06	17.5	0.0	0.0	0.0	9.1
14	18.8	29.2	22.6	81.6	22.07	19.1	0.9	0.0	0.9	4.5
15	17.9	27.9	22.0	80.0	20.86	18.1	0.6	9.0	9.6	3.6
16	17.3	25.8	21.2	84.3	20.91	18.2	0.0	0.0	0.0	3.0
17	17.5	27.5	21.0	81.3	20.12	17.6	2.6	19.0	21.6	4.6
18	16.9	28.2	22.1	78.0	20.35	17.8	0.0	51.8	51.8	3.7
19	17.6	29.0	22.0	80.7	21.14	18.4	0.0	1.8	1.8	6.7
20	17.9	29.9	22.7	72.9	19.93	17.4	0.0	0.0	0.0	6.9
21	18.6	29.7	22.8	74.5	20.48	17.9	0.0	0.1	0.1	8.1
22	17.0	28.1	21.5	75.9	19.03	16.7	0.0	0.0	0.0	5.6
23	16.8	29.0	22.4	72.7	19.10	16.7	0.0	0.0	0.0	5.8
24	17.5	30.0	23.2	74.5	20.90	18.2	0.0	0.0	0.0	8.1
25	18.2	29.3	23.0	77.7	21.44	18.6	0.0	0.0	0.0	4.8
26	18.4	30.8	23.0	69.2	19.11	16.8	0.0	0.0	0.0	8.2
27	16.5	27.8	22.2	75.2	19.49	17.0	0.0	0.0	0.0	1.5
28	16.9	32.2	23.7	69.6	19.45	17.0	0.0	1.6	1.6	9.6
29	17.4	25.2	20.7	87.3	21.37	18.5	0.0	0.0	0.0	0.0
30	17.5	28.8	21.6	77.9	20.22	17.6	0.5	0.0	0.5	4.3
31	16.8	30.5	23.2	73.0	19.60	17.1	0.0	0.0	0.0	7.2
PROM.	17.9	29.4	22.7	76.8	20.87	18.1	5.0	84.3	89.3	188.8

M E S – FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	31.0	23.5	75.2	21.41	18.6	0.0	0.0	0.0	7.5
2	18.7	26.8	22.9	81.9	22.75	19.5	0.0	0.0	0.0	2.8
3	17.5	29.5	23.5	74.3	20.81	18.1	0.0	44.0	44.0	6.3
4	16.3	24.0	19.3	93.3	20.64	17.9	6.0	0.0	6.0	0.9
5	16.2	28.3	22.5	80.8	21.52	18.6	0.0	0.0	0.0	5.3
6	17.4	28.2	22.8	77.8	20.98	18.2	0.0	0.0	0.0	3.8
7	18.8	29.6	23.3	79.2	22.03	19.0	0.0	0.0	0.0	6.9
8	17.7	31.8	24.8	69.5	20.54	17.9	0.0	21.8	21.8	8.1
9	17.5	22.4	20.1	90.4	21.22	18.4	0.2	0.1	0.3	0.0
10	16.7	28.3	22.1	78.8	20.37	17.8	0.1	2.0	2.1	2.8
11	18.2	25.7	21.1	87.7	21.62	18.7	0.0	0.0	0.0	0.1
12	17.9	29.5	22.6	76.2	20.46	17.9	0.0	16.8	16.8	6.4
13	18.0	25.8	21.7	86.3	22.10	19.1	0.4	20.2	20.6	2.1
14	18.2	29.3	23.4	80.6	22.43	19.3	0.0	14.3	14.3	6.8
15	17.0	30.2	23.1	78.7	21.58	18.7	0.0	0.0	0.0	5.3
16	18.0	30.4	23.5	77.0	21.90	18.9	0.0	0.4	0.4	7.7
17	18.8	29.8	23.2	78.1	21.88	19.0	0.0	0.0	0.0	4.7
18	18.4	31.5	24.0	72.2	21.21	18.4	0.0	0.0	0.0	9.6
19	18.4	31.0	23.9	72.2	21.12	18.3	0.0	0.0	0.0	9.7
20	19.0	31.1	23.4	77.3	21.75	18.8	0.0	0.0	0.0	7.2
21	17.9	29.5	23.0	78.1	21.64	18.7	0.0	0.0	0.0	6.3
22	19.0	29.2	23.8	77.1	22.03	19.1	0.0	0.0	0.0	2.9
23	18.8	30.2	24.3	73.9	21.83	18.9	0.0	0.0	0.0	3.7
24	19.4	26.5	22.7	80.3	22.13	19.1	0.1	5.1	5.2	0.4
25	18.0	26.0	21.4	87.3	22.26	19.2	0.0	6.8	6.8	1.7
26	16.5	27.4	20.4	84.3	20.17	17.6	10.6	6.1	16.7	3.2
27	16.4	20.5	18.7	94.7	20.25	17.7	7.9	0.0	7.9	0.0
28	15.5	28.4	22.6	72.1	18.95	16.6	0.0	0.0	0.0	8.1
29	16.5	30.8	23.2	73.2	20.26	17.7	0.0	0.0	0.0	9.7
PROM	17.8	28.4	22.6	79.6	21.31	18.5	25.3	137.6	162.9	140.0

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.988

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	18.6	30.2	23.5	71.7	20.29	17.7	0.0	3.0	3.0	7.0
2	18.3	30.5	23.5	71.9	19.83	17.4	0.0	0.0	0.0	8.0
3	17.7	31.2	23.3	67.9	18.96	16.7	0.0	0.0	0.0	9.2
4	17.9	30.5	23.4	77.2	21.98	19.0	0.0	0.0	0.0	7.0
5	17.5	30.0	22.3	74.9	19.80	17.3	0.0	0.0	0.0	7.5
6	17.9	30.9	23.2	72.7	20.34	17.8	0.0	0.0	0.0	8.1
7	18.5	30.0	24.0	70.2	20.87	18.2	0.0	0.0	0.0	4.8
8	18.6	28.5	21.5	81.2	21.20	18.4	3.1	49.9	53.0	4.7
9	17.2	20.5	17.9	97.5	20.14	17.6	20.4	0.3	20.7	0.0
10	15.5	29.0	22.1	76.9	19.57	17.1	0.0	0.0	0.0	9.1
11	15.3	30.8	23.6	68.1	18.97	16.6	0.0	0.0	0.0	9.7
12	17.5	30.1	22.7	74.8	20.32	17.7	1.3	0.0	1.3	6.9
13	17.4	30.0	20.9	78.0	19.44	17.1	0.9	0.0	0.9	7.4
14	17.0	30.6	23.2	64.2	17.64	15.5	0.0	0.0	0.0	9.3
15	16.9	30.4	23.5	70.2	19.63	17.1	0.0	1.6	1.6	9.4
16	17.0	28.2	22.7	77.5	20.92	18.1	0.0	0.0	0.0	3.1
17	16.0	29.5	22.9	70.4	19.03	16.7	0.0	0.0	0.0	6.5
18	17.9	31.0	24.4	66.3	19.46	17.1	0.0	0.0	0.0	7.7
19	17.8	31.0	24.2	70.2	20.04	17.5	0.0	0.0	0.0	5.7
20	18.1	30.5	24.1	72.0	20.94	18.2	0.0	0.0	0.0	6.4
21	17.7	32.2	25.3	64.7	19.65	17.2	0.0	0.0	0.0	8.6
22	18.8	29.6	24.2	72.8	21.33	18.5	0.0	0.0	0.0	4.9
23	18.5	30.6	24.6	71.6	21.73	18.8	0.0	0.0	0.0	7.0
24	19.3	30.9	24.8	69.7	21.31	18.5	0.0	0.0	0.0	6.5
25	18.2	31.2	24.0	73.3	21.31	18.5	0.0	0.0	0.0	5.3
26	17.9	29.8	24.3	74.9	21.74	18.8	0.0	0.0	0.0	3.4
27	18.7	29.6	24.3	74.1	22.02	19.0	0.0	0.0	0.0	3.5
28	19.0	30.5	23.7	72.9	21.17	18.4	0.0	0.0	0.0	3.6
29	19.2	27.3	22.7	83.8	23.32	19.9	0.3	0.0	0.3	0.2
30	18.8	26.5	20.6	91.5	22.42	19.3	1.2	0.3	1.5	1.6
31	16.8	30.2	24.2	68.7	19.79	17.3	0.0	38.0	38.0	5.6
PROM.	17.8	29.7	23.2	73.9	20.49	17.8	27.2	93.1	120.3	187.7

M E S — ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.8	21.8	84.0	21.81	18.9	0.0	7.9	7.9	2.2
2	18.0	21.8	19.0	93.5	20.59	18.0	28.9	0.0	28.9	0.0
3	17.7	26.8	21.4	80.8	20.50	17.9	0.0	19.4	19.4	2.1
4	16.9	29.0	22.6	85.6	23.05	19.7	0.2	0.0	0.2	2.5
5	19.1	29.8	23.2	78.1	22.28	19.2	0.0	50.5	50.5	4.1
6	17.4	23.2	20.2	91.6	21.73	18.8	0.5	0.0	0.5	0.0
7	18.0	27.0	21.3	82.2	20.68	18.0	0.1	0.2	0.3	1.7
8	18.5	28.3	22.5	81.6	21.93	19.0	0.0	1.2	1.2	4.7
9	19.0	23.2	20.4	96.9	23.13	19.8	2.9	0.3	3.2	0.0
10	17.8	24.0	20.3	89.0	21.16	18.4	1.7	42.2	43.9	0.1
11	16.0	23.2	19.6	90.7	20.79	18.1	0.3	0.1	0.4	0.1
12	17.2	26.2	21.5	82.3	20.82	18.1	0.3	70.2	70.5	3.6
13	16.9	22.5	19.3	93.2	20.92	18.2	2.5	0.0	2.5	0.0
14	16.0	28.0	19.6	80.4	18.58	16.3	71.5	0.0	71.5	6.7
15	16.9	25.7	20.4	86.1	20.85	18.1	0.7	15.2	15.9	2.5
16	17.0	28.0	21.6	80.7	20.51	17.9	0.8	1.0	1.8	7.3
17	17.0	29.9	22.6	80.0	21.24	18.4	0.0	3.4	3.4	8.7
18	17.3	28.0	22.9	78.8	21.61	18.6	0.1	5.1	5.2	3.7
19	18.4	25.4	21.8	85.6	22.09	19.1	0.0	0.0	0.0	0.8
20	18.2	28.8	22.6	77.6	21.28	18.5	0.0	19.3	19.3	5.5
21	16.0	26.5	21.2	82.3	20.38	17.8	0.0	0.0	0.0	4.5
22	17.0	27.9	23.0	81.8	22.56	19.2	1.6	8.1	9.7	3.6
23	17.0	27.0	21.6	81.6	20.65	18.0	0.0	0.5	0.5	3.4
24	17.5	28.5	22.0	80.0	21.24	18.4	0.0	0.0	0.0	6.0
25	17.9	28.8	21.7	81.5	21.29	18.5	0.5	0.0	0.5	5.7
26	17.8	25.5	20.1	89.2	21.42	18.6	1.1	0.0	1.1	0.0
27	17.0	26.9	21.0	84.4	21.03	18.3	29.9	0.1	30.0	4.0
28	17.0	29.0	23.3	74.6	20.85	18.1	0.0	0.0	0.0	6.2
29	18.5	27.0	21.4	84.4	22.03	19.0	1.9	0.0	1.9	0.2
30	17.0	25.2	19.9	91.8	21.26	18.5	2.6	5.4	8.0	3.0
PROM	17.4	26.6	21.3	84.3	21.28	18.4	148.1	250.1	398.2	92.9

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.988

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	16.9	25.3	20.1	85.9	20.29	17.7	0.4	0.2	0.6	3.8
2	17.0	25.5	19.4	92.4	20.54	17.5	3.6	0.0	3.6	1.5
3	15.5	28.3	20.7	87.4	21.00	18.2	1.4	0.5	1.9	3.4
4	18.0	24.2	20.0	93.0	21.80	18.9	5.5	0.0	5.5	1.1
5	15.7	28.5	22.0	78.5	20.51	17.8	0.0	24.8	24.8	5.5
6	17.0	27.4	21.1	85.1	21.49	18.6	0.4	0.0	0.4	2.6
7	16.4	28.0	21.3	82.0	20.73	18.0	1.3	0.0	1.3	5.8
8	17.2	28.8	21.8	75.8	20.03	17.4	0.6	2.3	2.9	5.9
9	17.8	29.1	22.9	84.2	23.12	19.8	0.1	6.6	6.7	4.9
10	18.8	27.0	22.2	83.0	22.18	19.1	0.0	0.0	0.0	1.1
11	16.6	27.1	21.9	77.7	20.32	17.7	0.0	0.0	0.0	3.3
12	18.2	26.8	22.2	81.3	21.54	18.7	0.1	0.0	0.1	2.1
13	18.2	27.6	22.6	79.1	21.62	18.6	0.0	11.2	11.2	2.6
14	17.0	25.8	21.4	82.8	20.74	18.1	0.0	0.0	0.0	2.1
15	17.0	27.2	22.3	76.1	20.17	17.6	0.0	7.0	7.0	2.8
16	15.2	28.6	22.0	78.4	20.39	17.8	0.0	0.0	0.0	8.0
17	18.1	28.2	22.4	82.9	22.41	19.3	0.5	27.2	27.7	2.3
18	17.0	26.5	21.4	85.9	21.50	18.6	0.0	0.5	0.5	3.6
19	17.0	27.4	20.7	79.8	19.49	17.1	13.4	2.6	16.0	4.7
20	17.1	25.3	20.7	85.8	21.03	18.3	0.0	0.0	0.0	0.6
21	17.2	27.5	21.6	78.9	20.36	17.7	0.2	0.0	0.2	5.4
22	18.0	29.3	23.4	76.9	21.58	18.6	0.0	0.0	0.0	6.2
23	18.8	26.1	21.7	82.7	21.55	18.7	0.0	0.0	0.0	1.2
24	17.1	30.0	22.7	75.8	20.38	17.7	0.0	0.8	0.8	6.3
25	18.7	27.7	22.6	82.5	22.50	19.4	0.3	13.4	13.7	2.3
26	17.5	26.8	21.3	80.5	20.28	17.7	1.0	0.0	1.0	1.7
27	17.0	25.8	20.1	87.0	20.66	18.0	3.2	0.0	3.2	3.6
28	17.8	25.4	21.3	85.5	21.33	18.5	0.6	0.0	0.6	2.6
29	17.1	29.0	20.3	84.6	20.59	17.9	35.1	16.4	51.5	5.6
30	15.6	25.8	21.0	84.8	20.74	18.1	0.0	0.0	0.0	3.5
31	16.6	26.2	20.8	80.5	19.77	17.3	0.0	2.4	2.4	3.3
PROM.	17.2	27.2	21.5	82.5	20.99	18.2	67.7	115.5	183.6	109.4

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	24.7	20.7	82.7	20.09	17.6	0.0	0.0	0.0	2.2
2	16.8	26.1	20.6	81.0	19.62	17.2	0.0	3.0	3.0	2.0
3	16.7	25.4	20.6	81.6	19.57	17.1	0.0	0.0	0.0	0.4
4	16.5	26.8	21.0	74.1	18.42	16.1	0.6	0.1	0.7	4.5
5	17.0	29.0	23.4	70.6	19.37	16.9	0.0	0.0	0.0	6.7
6	17.0	28.8	22.3	75.5	19.56	17.1	0.0	0.0	0.0	7.0
7	17.4	28.7	22.2	71.9	19.05	16.7	0.0	0.0	0.0	6.6
8	17.4	25.8	22.1	79.9	21.23	18.4	0.0	0.0	0.0	2.2
9	18.0	25.6	21.1	82.2	20.82	18.1	0.1	0.1	0.2	3.2
10	18.2	25.8	20.7	87.4	21.55	18.7	6.9	0.0	6.9	1.3
11	17.3	25.6	19.6	87.7	20.22	17.7	15.9	0.3	16.2	2.2
12	17.0	24.2	20.3	87.2	20.85	18.2	0.4	1.1	1.5	1.4
13	17.5	25.6	21.2	82.4	20.50	17.9	0.0	9.1	9.1	1.8
14	17.6	26.7	20.2	83.8	20.28	17.7	0.9	0.0	0.9	4.0
15	16.3	26.5	21.3	77.5	19.32	16.9	1.8	0.0	1.8	6.1
16	17.5	23.7	19.2	92.5	20.79	18.1	9.3	16.8	26.1	0.8
17	16.3	24.1	19.8	84.4	19.53	17.1	1.3	0.0	1.3	2.4
18	17.4	23.2	19.4	86.5	19.78	17.3	10.4	6.7	17.1	0.0
19	16.7	24.3	19.6	86.7	19.85	17.4	0.4	0.0	0.4	2.1
20	16.6	26.6	21.6	81.6	20.53	17.9	0.0	0.0	0.0	6.2
21	16.5	29.0	22.1	73.9	19.20	16.8	0.0	0.5	0.5	8.0
22	17.5	28.9	21.4	76.1	19.75	17.2	0.6	21.3	21.9	6.2
23	17.4	26.0	20.9	80.8	19.72	17.3	0.0	1.9	1.9	2.9
24	17.6	25.5	19.9	85.3	20.19	17.7	8.6	6.2	14.8	2.6
25	16.8	23.0	19.8	86.0	19.74	17.3	1.7	0.0	1.7	0.7
26	15.3	25.6	20.8	78.8	19.34	16.9	0.0	0.0	0.0	5.2
27	15.2	28.2	22.3	78.4	20.52	17.8	1.0	1.6	2.6	9.6
28	16.2	25.6	20.5	88.2	20.78	18.1	0.3	0.0	0.3	3.5
29	16.3	26.9	21.3	78.0	19.61	17.2	0.0	0.0	0.0	5.6
30	15.5	23.9	19.5	91.4	20.61	17.9	1.5	0.0	1.5	4.3
PROM	16.9	26.0	20.8	81.8	20.01	17.5	61.7	68.7	130.4	111.7

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.988

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

M E S – JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	27.4	21.8	80.2	20.80	18.1	0.0	6.1	6.1	3.6
2	18.0	25.7	20.1	86.2	20.48	17.9	2.2	3.0	5.2	2.8
3	17.4	25.8	19.9	85.2	19.72	17.3	3.3	53.8	57.1	2.1
4	16.3	23.5	19.5	86.1	19.31	17.0	5.5	8.5	14.0	0.8
5	16.4	22.7	19.2	85.3	18.97	16.7	0.8	14.4	15.2	0.9
6	16.3	24.3	19.6	85.9	19.38	17.0	0.6	1.0	1.6	2.7
7	15.6	26.8	21.0	82.1	20.30	17.7	0.0	6.4	6.4	7.1
8	17.6	26.8	20.9	81.2	19.92	17.4	0.2	0.0	0.2	3.4
9	16.5	26.6	20.9	81.5	20.14	17.6	0.2	0.0	0.2	4.9
10	15.3	27.5	21.0	81.1	19.79	17.2	0.5	7.8	8.3	7.6
11	16.4	26.4	21.3	80.0	20.12	17.6	0.5	0.0	0.5	5.3
12	16.8	26.7	21.1	78.9	19.45	17.1	0.4	0.5	0.9	5.6
13	16.8	25.4	20.9	80.3	19.69	17.2	0.7	0.0	0.7	2.0
14	14.8	28.8	21.1	72.9	17.98	15.8	0.0	0.0	0.0	7.4
15	16.8	29.0	23.5	72.0	20.22	17.6	0.0	0.0	0.0	9.5
16	16.5	28.6	21.7	70.3	17.72	15.6	0.0	0.0	0.0	6.7
17	17.0	27.6	22.1	69.7	18.01	15.7	0.0	0.0	0.0	6.4
18	16.7	27.8	21.0	81.2	20.20	17.6	0.0	0.0	0.0	5.1
19	16.5	26.9	21.7	76.7	19.50	17.1	0.0	0.0	0.0	3.8
20	17.8	27.0	21.9	75.5	19.54	17.1	0.0	0.0	0.0	5.7
21	17.9	28.0	21.9	79.9	20.90	18.2	0.0	0.0	0.0	2.9
22	18.1	28.0	22.7	75.8	20.69	18.1	0.0	1.7	1.7	4.2
23	17.7	25.8	21.6	79.1	20.14	17.6	0.0	0.3	0.3	0.8
24	17.0	27.8	21.8	78.2	20.04	17.5	0.0	1.9	1.9	3.3
25	17.3	28.9	22.9	75.5	20.31	17.8	0.3	1.2	1.5	8.4
26	17.7	29.2	22.2	78.8	20.47	17.8	0.0	10.6	10.6	6.4
27	17.4	28.0	21.7	77.1	19.68	17.3	0.1	0.0	0.1	6.2
28	17.1	29.8	23.0	69.2	18.98	16.7	0.0	2.9	2.9	7.8
29	17.0	25.7	21.4	76.8	19.43	17.0	0.0	45.8	45.8	3.2
30	16.6	27.4	21.8	78.8	20.05	17.5	0.0	1.0	1.0	4.2
31	17.0	26.4	21.4	79.3	19.72	17.3	0.0	0.0	0.0	2.4
PROM.	16.9	27.0	21.4	78.7	19.73	17.3	15.3	166.9	182.2	143.2

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	26.5	21.6	77.3	19.90	17.4	0.1	2.2	2.3	4.0
2	17.0	25.9	19.8	82.8	19.38	17.0	13.2	6.8	20.0	1.7
3	17.3	26.9	20.9	79.1	19.04	16.7	0.2	15.6	15.8	5.1
4	17.8	25.7	20.8	82.6	20.11	17.6	1.8	0.0	1.8	3.5
5	17.5	29.2	21.9	74.8	19.45	17.0	0.7	0.0	0.7	6.6
6	17.7	26.0	21.6	82.2	21.19	18.4	0.0	0.6	0.6	5.2
7	17.5	27.2	21.6	79.2	20.32	17.7	0.1	0.1	0.2	4.7
8	17.7	23.5	19.5	92.3	20.74	18.1	16.6	0.0	16.6	1.0
9	17.2	27.1	20.8	78.9	19.14	16.8	0.0	0.0	0.0	5.4
10	18.0	25.2	20.8	84.4	20.72	18.0	0.0	0.2	0.2	1.8
11	16.5	25.5	20.8	81.8	19.73	17.3	0.0	0.0	0.0	2.8
12	16.0	26.2	20.1	80.1	18.81	16.5	0.3	14.4	14.7	2.8
13	16.4	27.5	21.7	78.3	19.61	17.2	0.0	31.6	31.6	8.5
14	17.4	24.5	19.3	91.2	20.23	17.7	0.6	10.9	11.5	1.4
15	16.5	26.2	20.9	82.0	19.80	17.3	0.0	4.4	4.4	5.5
16	16.3	26.7	21.4	74.1	18.69	16.4	0.0	20.3	20.3	4.8
17	16.7	25.8	20.5	85.8	20.21	17.7	0.2	0.0	0.2	4.0
18	17.0	25.4	20.4	80.3	18.96	16.6	0.4	0.0	0.4	4.4
19	16.3	25.6	20.7	78.4	18.97	16.7	0.0	46.3	46.3	3.1
20	17.0	26.4	20.6	83.0	19.79	17.3	1.2	13.9	15.1	4.7
21	17.0	24.7	20.0	88.9	20.54	17.9	0.7	2.7	3.4	2.8
22	17.0	24.7	20.4	84.0	19.85	17.3	0.7	0.0	0.7	2.2
23	15.4	28.5	21.0	75.4	18.45	16.1	0.0	36.4	36.4	7.9
24	17.4	26.4	20.7	85.8	20.83	18.1	0.0	1.7	1.7	3.2
25	17.6	26.3	20.8	82.2	19.83	17.3	0.5	0.0	0.5	3.5
26	17.8	27.8	21.2	81.1	20.45	17.9	0.3	19.1	19.4	3.5
27	17.5	23.8	19.7	88.0	20.08	17.6	3.4	0.0	3.4	1.8
28	17.3	25.4	21.2	79.6	19.75	17.3	0.0	0.8	0.8	2.1
29	16.9	25.7	21.1	82.1	20.38	17.8	0.1	26.6	26.7	3.1
30	17.0	22.6	19.6	89.6	20.21	17.7	2.9	17.9	20.8	0.9
31	16.7	19.5	17.5	93.8	18.94	16.7	10.8	0.1	10.9	0.0
PROM	17.0	25.8	20.6	82.6	19.81	17.3	54.8	272.6	327.4	112.0

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.988

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

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.0	20.4	80.4	18.97	16.6	0.0	0.0	0.0	5.5
2	16.6	27.8	21.9	75.7	19.68	17.2	1.9	2.9	4.8	6.7
3	17.5	24.7	20.7	84.4	20.45	17.8	0.6	0.0	0.6	2.4
4	16.6	27.4	21.0	77.9	18.96	16.6	0.0	0.0	0.0	6.2
5	16.8	23.0	19.9	86.3	20.15	17.6	0.3	0.0	0.3	0.8
6	15.4	26.5	21.4	75.8	19.08	16.7	0.0	64.7	64.7	5.6
7	17.0	21.5	18.1	93.5	19.55	17.1	7.7	0.0	7.7	0.0
8	14.8	25.4	18.9	89.1	19.28	16.9	0.1	0.0	0.1	3.6
9	16.7	26.8	20.3	78.8	19.07	16.8	0.9	3.1	4.0	3.3
10	17.2	23.8	20.1	83.1	19.50	17.1	0.1	12.2	12.3	0.2
11	17.0	25.7	20.6	82.2	19.83	17.4	0.4	12.9	13.3	4.0
12	16.7	23.6	19.7	85.9	19.56	17.2	0.1	0.2	0.3	0.0
13	17.5	22.2	19.6	90.3	20.68	18.0	8.2	10.3	18.5	0.0
14	16.6	25.0	19.9	80.2	18.69	16.5	0.0	0.0	0.0	2.3
15	15.5	28.6	20.6	75.8	18.31	16.1	1.1	0.0	1.1	6.6
16	15.0	27.5	21.4	77.2	19.20	16.8	0.0	0.0	0.0	6.4
17	16.8	26.4	20.3	77.0	18.59	16.4	0.4	3.3	3.7	4.2
18	16.6	25.0	20.6	84.8	20.25	17.7	5.3	47.7	53.0	2.0
19	16.4	23.8	19.7	86.9	19.76	17.3	0.7	8.1	8.8	2.9
20	17.5	26.5	20.8	85.4	20.71	18.0	1.1	12.8	13.9	4.6
21	17.0	26.8	21.0	80.0	19.49	17.1	1.2	0.0	1.2	5.4
22	17.5	24.8	21.3	78.7	19.83	17.3	0.0	14.0	14.0	4.9
23	17.4	26.8	21.1	81.2	20.23	17.7	0.0	14.1	14.1	4.3
24	17.0	28.4	21.6	76.0	19.16	16.8	0.0	0.0	0.0	4.7
25	16.8	27.4	21.4	79.8	20.22	17.6	0.0	6.9	6.9	5.5
26	17.6	26.4	21.1	81.0	20.18	17.6	0.0	0.0	0.0	2.7
27	17.4	28.0	21.4	76.4	19.29	16.9	0.0	0.0	0.0	6.8
28	17.6	28.5	21.7	73.7	19.05	16.7	0.0	0.0	0.0	7.3
29	18.0	29.0	20.6	79.0	19.38	17.0	0.8	20.5	21.3	6.0
30	17.3	23.4	19.7	85.9	19.80	17.3	0.0	0.2	0.2	0.2
PROM.	16.8	25.9	20.6	81.4	19.56	17.1	30.9	233.9	264.8	115.1

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	24.0	20.1	81.6	19.18	16.8	1.7	19.9	21.6	0.5
2	16.5	24.6	18.7	94.1	20.32	17.7	21.4	8.6	30.0	0.7
3	17.0	26.4	20.3	85.9	20.44	17.8	0.3	8.6	8.9	1.9
4	17.4	25.0	20.5	83.9	20.26	17.7	0.7	0.0	0.7	2.8
5	17.0	26.0	19.8	88.0	20.63	18.0	1.5	0.0	1.5	3.1
6	17.2	28.2	20.6	80.0	19.47	17.1	1.8	8.7	10.5	5.3
7	17.0	24.9	20.5	81.7	19.53	17.1	0.3	11.6	11.9	1.7
8	17.5	22.2	19.0	91.5	19.99	17.5	9.1	0.3	9.4	0.2
9	16.4	25.5	20.6	78.5	18.99	16.7	1.3	0.1	1.4	4.3
10	16.8	28.6	21.5	73.9	18.53	16.3	0.0	9.2	9.2	6.0
11	16.4	24.8	20.3	82.1	19.38	17.0	0.1	8.8	8.9	2.7
12	17.4	25.4	19.9	82.7	19.34	17.0	4.9	2.5	7.4	1.3
13	16.6	24.0	20.0	83.9	19.42	17.0	1.6	3.4	5.0	1.2
14	17.0	25.0	19.0	89.3	19.93	17.4	8.8	13.7	22.5	1.5
15	16.6	22.5	18.8	87.2	18.85	16.5	0.6	1.1	1.7	0.3
16	16.5	27.2	19.9	80.4	18.64	16.4	0.6	0.0	0.6	6.7
17	17.2	27.4	20.7	80.3	19.78	17.3	0.0	23.4	23.4	6.4
18	16.8	25.8	20.8	82.9	20.13	17.6	0.5	0.0	0.5	3.6
19	17.4	27.4	21.5	78.2	19.96	17.4	0.0	0.0	0.0	5.8
20	16.4	28.8	22.3	75.9	20.03	17.4	0.0	0.0	0.0	9.7
21	17.8	28.0	22.3	70.7	18.81	16.5	0.0	8.4	8.4	4.9
22	16.0	25.0	20.5	80.7	19.26	16.9	0.0	0.0	0.0	1.0
23	15.9	29.4	22.3	72.7	19.32	16.9	0.0	0.1	0.1	9.0
24	18.0	28.0	20.8	79.1	19.84	17.4	0.9	1.1	2.0	5.0
25	16.4	24.6	19.7	81.9	18.84	16.6	0.0	0.0	0.0	1.4
26	16.5	27.4	21.1	77.8	19.15	16.8	0.0	0.0	0.0	6.4
27	17.0	26.5	19.8	80.1	18.60	16.3	18.4	2.7	21.1	4.5
28	17.2	25.2	20.4	84.6	20.31	17.7	0.4	0.0	0.4	1.7
29	17.5	25.6	20.8	80.5	19.87	17.4	11.0	4.0	15.0	2.7
30	18.0	26.2	20.9	84.6	20.98	18.3	0.2	0.0	0.2	2.9
31	16.6	27.9	21.0	75.9	19.03	16.7	9.7	0.0	9.7	6.8
PROM	16.9	26.0	20.5	81.6	19.58	17.1	95.8	136.2	232.0	112.0

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.988

ALTITUD: 1.310 LATITUD: 5-00 N. LONGITUD: 75-36 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	17.3	27.0	20.1	78.6	18.84	16.6	40.5	0.5	41.0	3.7
2	17.0	24.6	19.8	89.1	20.58	18.0	0.0	7.5	7.5	1.1
3	16.5	25.3	19.9	83.4	19.57	17.1	0.0	0.0	0.0	2.4
4	16.0	27.8	21.2	76.0	19.01	16.7	0.0	0.0	0.0	5.0
5	16.2	26.3	20.5	78.6	18.98	16.7	0.2	0.0	0.2	3.8
6	16.3	28.0	20.4	78.7	18.81	16.5	39.2	1.8	41.0	6.5
7	16.0	26.0	21.1	79.0	19.33	16.9	0.0	30.1	30.1	4.8
8	16.3	24.8	21.0	82.0	20.02	17.5	0.0	0.7	0.7	2.0
9	17.0	25.3	20.7	80.7	19.53	17.1	0.0	20.8	20.8	2.6
10	16.2	24.7	20.1	80.4	19.09	16.8	0.2	4.8	5.0	4.7
11	17.2	25.4	20.3	83.3	19.88	17.4	0.2	0.0	0.2	1.6
12	17.0	27.0	21.6	75.7	19.13	16.8	0.0	26.6	26.6	5.8
13	17.7	24.5	20.4	82.7	19.82	17.4	0.0	13.7	13.7	1.0
14	17.8	25.5	20.7	81.2	19.68	17.3	0.8	5.6	6.4	2.4
15	17.0	26.5	20.9	83.8	20.46	17.8	0.0	31.6	31.6	4.0
16	16.2	25.4	20.6	79.6	19.04	16.7	0.4	4.8	5.2	2.7
17	16.4	26.7	19.8	83.8	19.42	17.1	16.3	0.0	16.3	3.8
18	15.4	26.3	20.4	78.3	19.06	16.7	0.0	39.4	39.4	5.3
19	16.6	26.5	19.8	85.0	19.82	17.3	1.6	20.7	22.3	5.2
20	16.3	25.8	20.3	81.4	19.22	16.9	0.0	5.4	5.4	5.2
21	16.8	27.3	19.9	81.9	19.17	16.8	0.6	21.6	22.2	5.6
22	17.4	24.0	19.8	86.2	20.16	17.6	0.2	0.1	0.3	2.0
23	15.5	27.2	21.1	77.0	18.90	16.6	0.0	27.0	27.0	7.7
24	17.6	25.2	20.1	83.2	19.77	17.3	0.3	0.0	0.3	2.5
25	17.0	26.7	20.8	80.5	19.79	17.3	0.0	37.1	37.1	4.4
26	16.8	25.8	20.3	80.1	18.98	16.7	0.0	0.0	0.0	4.8
27	17.2	28.4	21.8	76.4	19.71	17.2	0.0	0.2	0.2	8.8
28	18.2	26.0	21.3	84.6	21.44	18.6	3.4	4.8	8.2	1.9
29	18.0	25.8	20.3	85.2	20.44	17.8	14.8	0.1	14.9	3.3
30	17.4	25.5	20.6	81.0	19.95	17.5	1.3	30.4	31.7	4.6
PROM.	16.8	26.0	20.5	81.2	19.59	17.2	120.0	335.3	455.3	119.2

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	24.5	18.9	92.9	20.40	17.8	12.2	1.2	13.4	3.2
2	17.2	25.7	19.6	82.4	19.09	16.8	3.2	16.3	19.5	4.5
3	16.4	22.5	18.6	87.8	18.93	16.6	40.4	5.3	45.7	0.3
4	15.8	24.3	19.3	82.3	18.40	16.2	4.3	23.9	28.2	3.0
5	15.9	24.4	19.4	87.6	19.54	17.1	0.6	24.5	25.1	2.0
6	16.1	25.6	20.3	81.4	19.11	16.8	0.0	14.4	14.4	6.1
7	17.2	24.2	19.4	86.4	19.67	17.2	5.7	12.6	18.3	1.2
8	16.2	24.5	19.6	85.3	19.24	16.9	0.0	0.7	0.7	3.5
9	17.0	26.6	20.9	80.2	19.43	17.0	0.0	1.8	1.8	5.1
10	15.8	26.8	20.0	79.1	18.53	16.3	0.0	0.0	0.0	6.2
11	15.4	26.6	20.7	78.9	19.06	16.6	0.1	0.0	0.1	6.7
12	16.0	27.6	21.1	77.2	19.16	16.7	0.2	0.4	0.6	6.7
13	17.2	24.9	19.8	84.3	19.70	17.3	1.1	1.5	2.6	3.5
14	17.4	24.0	19.7	83.1	19.13	16.8	0.0	0.0	0.0	0.8
15	16.2	28.6	19.7	80.9	18.67	16.4	28.6	0.0	28.6	6.9
16	17.0	28.3	21.5	75.4	19.11	16.7	0.0	7.7	7.7	6.9
17	16.3	26.4	19.4	83.6	19.02	16.7	4.3	0.3	4.6	5.1
18	16.4	27.4	20.7	81.5	19.95	17.4	0.0	29.0	29.0	8.5
19	16.2	25.3	19.7	77.7	17.81	15.7	0.2	0.0	0.2	3.6
20	16.0	27.6	20.5	75.7	17.93	15.7	0.0	0.0	0.0	6.9
21	15.6	26.3	21.4	72.0	18.24	16.0	0.0	0.0	0.0	5.6
22	17.0	25.5	20.0	82.4	19.44	17.0	0.4	0.0	0.4	4.5
23	16.0	27.4	20.4	76.9	18.16	16.0	0.0	0.0	0.0	8.1
24	16.8	25.5	20.2	79.2	18.75	16.5	2.2	0.0	2.2	4.5
25	16.5	27.0	20.1	78.5	18.49	16.2	0.0	7.8	7.8	4.1
26	16.4	25.4	19.9	83.9	19.39	17.0	0.0	3.4	3.4	2.6
27	17.2	25.8	20.0	83.1	19.66	17.3	4.2	3.2	7.4	3.5
28	15.4	26.4	19.7	79.8	18.52	16.3	2.0	4.6	6.6	3.9
29	16.1	23.8	20.0	83.6	19.32	17.0	0.0	0.0	0.0	0.6
30	16.8	26.0	20.3	80.1	19.11	16.8	2.1	0.0	2.1	4.2
31	15.6	26.4	20.0	79.0	18.59	16.3	1.4	0.0	1.4	5.7
PROM	16.4	25.8	20.0	81.4	19.02	16.7	113.2	158.6	271.8	138.0

ESTACION: CENICAFE MUNICIPIO: CHINCHINA AÑO: 1.988

ALTITUD: 1.310 LATITUD: 5-00 N. LONGITUD: 75-36 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	17.9	29.4	22.7	16.5	32.2	76.8	20.87	18.1	89.3	10	188.8
FEBRERO	17.8	28.4	22.6	15.5	31.8	79.6	21.31	18.5	162.9	13	140.0
MARZO	17.8	29.7	23.2	15.3	32.2	73.5	20.49	17.8	120.3	9	187.7
ABRIL	17.4	26.6	21.3	16.0	29.9	84.3	21.28	18.4	398.2	26	92.9
MAYO	17.2	27.2	21.5	15.2	30.0	82.5	20.99	18.2	183.6	23	109.4
JUNIO	16.9	26.0	20.8	15.2	29.0	81.8	20.01	17.5	130.4	21	111.7
JULIO	16.9	27.0	21.4	14.8	29.8	78.7	19.73	17.3	182.2	22	143.2
AGOSTO	17.0	25.8	20.6	15.4	29.2	82.6	19.81	17.3	327.4	29	112.0
SEPTIEMBRE	16.8	25.9	20.6	14.8	29.0	81.4	19.56	17.1	264.8	22	115.1
OCTUBRE	16.9	26.0	20.5	15.9	29.4	81.6	19.58	17.1	232.0	26	112.0
NOVIEMBRE	16.8	26.0	20.5	15.4	28.4	81.2	19.59	17.2	455.3	27	119.2
DICIEMBRE	16.4	25.8	20.0	15.4	28.6	81.4	19.02	16.7	271.8	25	138.0
PROMEDIO	17.2	27.0	21.3	15.5	30.0	80.5	20.19	17.6			
TOTAL									2818.2	253	1570.0

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.988

ALTITUD: 1.400 LATITUD: 4-58 N. LONGITUD: 75-42 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	29.4	22.1	75.3	19.28	16.8	0.0	0.0	0.0	9.3
2	16.5	29.0	22.7	77.8	20.78	18.1	0.1	0.1	0.2	7.0
3	17.8	28.0	22.7	78.3	21.09	18.3	0.0	1.8	1.8	6.1
4	17.2	28.9	22.5	79.6	21.47	18.6	0.7	0.0	0.7	6.8
5	17.8	30.2	23.1	80.2	22.16	19.1	0.0	0.0	0.0	5.5
6	18.4	29.6	22.9	78.4	21.38	18.6	0.0	0.0	0.0	5.7
7	18.0	28.5	22.8	79.3	21.54	18.6	0.0	0.0	0.0	6.2
8	18.5	29.4	23.2	78.4	21.97	19.0	0.0	0.0	0.0	7.5
9	17.9	29.7	22.7	78.5	21.04	18.3	0.0	1.3	1.3	6.7
10	18.2	29.4	23.3	76.3	21.39	18.6	0.0	27.2	27.2	7.0
11	17.0	28.4	21.7	80.3	20.52	17.9	0.0	0.0	0.0	7.8
12	15.9	29.9	21.7	76.3	19.15	16.8	0.0	0.0	0.0	9.3
13	17.0	28.8	22.6	72.3	19.35	17.0	0.0	0.0	0.0	9.2
14	17.2	27.5	21.5	81.7	21.02	18.3	1.5	0.0	1.5	4.3
15	17.0	26.8	20.9	83.2	20.52	17.9	0.9	8.2	9.1	3.9
16	16.4	25.8	20.6	84.0	20.19	17.7	0.0	4.2	4.2	3.1
17	16.0	26.8	20.9	81.6	19.83	17.3	0.0	19.0	19.0	4.6
18	16.7	26.4	20.3	86.8	20.57	18.0	0.0	29.0	29.0	2.1
19	17.0	28.0	21.3	82.2	20.55	17.9	0.0	0.0	0.0	5.5
20	17.2	28.3	22.0	78.9	20.67	18.1	0.7	1.1	1.8	6.9
21	16.5	28.2	21.5	80.1	20.22	17.7	0.0	0.0	0.0	7.8
22	15.2	28.8	20.9	74.3	17.60	15.4	0.0	0.0	0.0	6.3
23	15.4	28.3	22.0	73.5	18.93	16.6	0.0	0.0	0.0	7.1
24	17.0	28.5	22.6	74.8	19.94	17.5	0.0	1.1	1.1	7.3
25	17.4	29.2	22.2	75.4	19.61	17.2	0.1	0.0	0.1	6.9
26	17.0	29.3	22.2	67.2	17.33	15.2	0.0	0.0	0.0	8.1
27	14.8	26.6	21.5	73.1	18.21	16.0	0.0	0.0	0.0	1.7
28	15.5	31.0	22.6	69.9	18.43	16.2	0.0	0.0	0.0	9.5
29	16.8	24.5	20.0	86.3	20.40	17.8	0.0	0.0	0.0	0.0
30	16.3	28.0	20.6	78.4	18.83	16.5	1.3	1.2	2.5	4.8
31	15.8	29.8	22.3	73.1	18.70	16.4	0.0	0.0	0.0	7.7
PROM.	16.8	28.4	21.9	77.9	20.09	17.5	5.3	94.2	99.5	191.7

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	29.7	22.7	75.5	20.23	17.7	0.0	23.0	23.0	6.8
2	17.0	25.5	21.5	83.9	21.20	18.4	0.0	0.0	0.0	2.5
3	16.4	29.4	22.6	74.2	19.70	17.2	0.2	59.0	59.2	6.6
4	14.6	23.3	18.8	92.2	19.84	17.3	2.8	0.0	2.8	0.8
5	15.0	27.2	20.8	79.8	19.13	16.8	0.1	0.0	0.1	5.0
6	16.4	27.0	22.0	76.1	19.66	17.2	0.0	0.0	0.0	4.0
7	17.2	28.0	22.1	77.2	20.19	17.7	0.0	0.2	0.2	6.2
8	16.5	31.3	23.6	70.4	19.52	17.1	0.0	38.0	38.0	8.1
9	16.2	22.5	19.2	93.0	20.74	18.1	0.3	0.0	0.3	0.0
10	15.4	27.0	20.9	82.0	19.80	17.4	0.0	2.4	2.4	4.7
11	17.0	26.0	20.1	82.1	19.33	16.9	0.0	0.0	0.0	1.4
12	16.5	28.2	22.0	77.8	19.93	17.4	0.0	17.1	17.1	6.3
13	16.8	25.0	20.9	85.5	20.91	18.2	11.1	11.0	22.1	2.0
14	17.5	28.6	22.5	81.2	21.60	18.7	0.0	2.3	2.3	6.3
15	17.8	28.4	22.5	75.8	19.91	17.4	0.0	0.0	0.0	4.7
16	18.0	29.2	23.1	77.2	21.51	18.7	0.0	0.0	0.0	7.4
17	17.4	29.3	22.6	78.4	21.27	18.5	0.0	0.0	0.0	6.1
18	17.2	29.8	22.8	73.1	19.74	17.2	0.0	0.0	0.0	9.9
19	17.3	29.9	23.2	73.9	20.51	17.9	0.0	0.0	0.0	9.1
20	18.1	29.5	23.0	76.9	21.16	18.4	1.3	0.0	1.3	7.1
21	16.4	28.4	22.3	74.1	19.76	17.3	0.0	0.0	0.0	3.7
22	18.4	29.0	23.7	75.7	21.48	18.6	0.0	0.9	0.9	2.5
23	18.1	30.0	23.8	75.1	21.32	18.4	0.0	1.8	1.8	4.7
24	18.3	26.0	22.1	83.1	21.84	18.9	0.6	8.9	9.5	0.9
25	17.0	26.2	20.9	86.8	21.40	18.6	2.7	0.9	3.6	1.3
26	16.4	25.3	20.8	82.8	20.08	17.6	0.0	5.1	5.1	1.3
27	16.0	20.2	18.6	95.1	20.29	17.7	10.1	0.0	10.1	0.0
28	15.0	26.8	20.6	73.3	17.33	15.3	0.0	0.0	0.0	7.4
29	15.4	29.9	22.6	70.3	18.63	16.4	0.0	0.0	0.0	9.3
PROM	16.7	27.5	21.8	79.4	20.28	17.7	29.2	170.6	199.8	136.1

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.988

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

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	29.0	22.9	70.9	19.14	16.8	0.0	0.0	0.0	7.0
2	17.4	28.8	22.9	70.3	18.84	16.5	0.0	0.0	0.0	7.1
3	17.3	30.2	23.4	67.5	18.44	16.2	0.0	0.0	0.0	9.2
4	17.2	29.2	23.5	72.9	20.10	17.6	0.0	0.0	0.0	5.9
5	16.5	28.7	23.0	70.1	18.97	16.6	0.0	0.0	0.0	5.8
6	17.4	29.4	22.6	72.0	19.14	16.7	0.0	0.0	0.0	7.0
7	18.0	29.5	23.7	71.6	20.20	17.6	0.0	0.0	0.0	5.4
8	18.4	27.8	21.5	82.9	21.51	18.7	7.8	18.0	25.8	3.5
9	17.2	21.0	18.5	97.6	20.74	18.1	8.8	0.2	9.0	0.0
10	15.0	28.5	21.2	78.3	19.40	17.0	0.0	0.0	0.0	9.6
11	15.8	29.8	22.7	66.9	17.42	15.3	0.0	0.0	0.0	10.1
12	17.1	28.9	22.5	69.9	18.39	16.2	0.0	2.1	2.1	8.2
13	17.0	29.0	21.5	72.7	18.10	15.9	0.4	0.0	0.4	8.0
14	17.0	29.2	23.4	63.3	17.65	15.5	0.0	0.0	0.0	8.2
15	16.0	30.0	22.7	68.6	18.18	15.9	0.5	0.3	0.8	8.7
16	16.4	27.7	21.6	73.6	18.65	16.4	0.0	0.0	0.0	4.2
17	15.2	29.0	23.2	66.5	17.59	15.4	0.0	0.0	0.0	7.1
18	17.8	29.6	24.4	67.1	19.36	17.0	0.0	0.0	0.0	7.7
19	17.2	30.5	25.1	66.3	19.72	17.2	0.0	0.0	0.0	6.7
20	17.1	29.9	24.3	69.2	20.05	17.5	0.0	0.0	0.0	6.6
21	17.0	32.5	24.9	59.7	17.50	15.4	0.0	0.0	0.0	8.2
22	18.0	29.4	24.3	67.9	19.49	17.0	0.0	0.0	0.0	5.2
23	18.0	29.6	24.3	70.8	20.82	18.2	0.0	1.2	1.2	6.6
24	18.2	30.2	24.1	65.2	18.55	16.3	0.0	0.0	0.0	6.8
25	17.0	30.1	23.2	69.5	18.99	16.6	0.0	0.0	0.0	4.9
26	16.7	29.0	23.9	71.7	20.06	17.5	0.0	0.0	0.0	4.0
27	18.0	29.1	23.5	70.2	19.84	17.4	0.0	0.0	0.0	2.7
28	18.7	30.2	23.9	72.6	20.89	18.1	1.2	0.0	1.2	4.8
29	18.7	26.8	22.5	79.8	21.56	18.7	0.6	0.0	0.6	0.5
30	18.4	27.4	21.7	81.5	21.16	18.4	0.1	0.0	0.1	2.8
31	16.7	31.4	24.7	65.3	19.14	16.8	0.0	54.0	54.0	5.7
PROM.	17.2	29.1	23.1	71.4	19.34	16.9	19.4	75.8	95.2	188.2

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	26.7	21.5	85.5	21.76	18.8	0.0	1.6	1.6	2.6
2	17.5	20.5	19.4	93.2	21.15	18.4	24.4	0.0	24.4	0.0
3	17.0	27.8	21.5	80.8	20.66	18.0	3.9	43.2	47.1	3.6
4	16.2	28.0	22.0	80.5	20.56	17.9	0.0	0.0	0.0	3.2
5	18.7	29.6	22.8	77.0	21.15	18.4	0.0	32.0	32.0	4.8
6	16.7	23.0	19.7	91.4	20.94	18.2	0.1	0.0	0.1	0.0
7	17.4	27.4	21.3	80.7	20.32	17.7	2.4	0.0	2.4	2.8
8	18.0	26.6	22.0	84.3	22.17	19.1	2.0	4.2	6.2	3.7
9	18.0	22.8	20.3	96.0	22.92	19.7	5.5	0.6	6.1	0.0
10	17.5	23.5	20.3	88.8	21.15	18.4	2.5	16.8	19.3	0.2
11	16.0	22.8	19.2	86.8	19.37	17.0	0.5	0.0	0.5	0.1
12	16.8	26.2	21.4	82.7	20.94	18.2	1.8	57.1	58.9	3.0
13	16.4	22.2	18.9	89.0	19.43	17.0	5.4	0.0	5.4	0.0
14	15.3	28.2	20.7	79.2	19.08	16.7	10.3	0.2	10.5	7.3
15	16.4	25.3	20.6	84.6	20.52	17.9	5.5	1.7	7.2	3.8
16	17.0	27.2	22.0	77.5	19.94	17.5	0.2	1.0	1.2	5.5
17	16.0	29.3	22.7	74.3	19.70	17.2	0.0	0.8	0.8	9.4
18	17.0	27.4	22.9	74.1	20.43	17.8	0.0	0.4	0.4	4.4
19	17.5	25.0	22.0	85.4	22.49	19.4	0.0	0.0	0.0	1.0
20	18.0	28.4	22.6	75.7	20.55	17.9	0.0	9.8	9.8	5.3
21	15.6	26.0	20.9	79.4	19.31	16.9	0.0	0.0	0.0	4.2
22	17.6	27.4	20.7	80.2	19.52	17.1	1.9	1.5	3.4	4.0
23	16.2	27.5	21.5	79.2	20.04	17.5	1.5	1.5	3.0	3.9
24	17.5	28.5	21.8	79.2	20.46	17.8	1.2	16.3	17.5	5.2
25	16.5	28.4	21.1	77.2	19.10	16.8	8.8	0.0	8.8	5.2
26	17.0	24.4	20.1	82.5	19.91	17.4	2.4	0.0	2.4	7.4
27	17.0	26.8	20.9	84.7	20.76	18.1	17.4	3.0	20.4	1.7
28	17.2	27.8	22.4	77.5	20.44	17.8	0.0	0.0	0.0	1.8
29	18.0	26.0	21.4	84.6	21.71	18.8	0.1	2.1	2.2	0.1
30	17.8	24.8	20.0	87.8	20.74	18.1	6.5	8.9	15.4	4.3
PROM	17.0	26.2	21.2	82.7	20.57	17.9	104.3	202.7	307.0	98.5

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.988

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

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	25.5	19.6	85.9	19.64	17.2	0.6	0.7	1.3	2.6
2	16.6	23.6	18.5	95.4	20.26	17.7	4.1	0.0	4.1	1.3
3	16.0	27.5	20.8	82.6	20.26	17.7	0.4	0.7	1.1	2.9
4	17.0	23.0	19.2	94.3	21.05	18.3	15.1	0.0	15.1	0.6
5	15.0	26.8	21.5	77.1	19.33	16.9	0.0	36.4	36.4	3.0
6	16.8	27.0	20.7	82.9	20.28	17.7	0.0	0.0	0.0	2.8
7	15.7	26.8	21.4	78.5	19.83	17.3	0.0	0.0	0.0	5.7
8	17.0	28.5	21.9	78.1	20.56	18.0	0.7	0.5	1.2	6.4
9	16.8	28.6	22.5	78.2	20.72	18.0	0.0	4.2	4.2	5.7
10	18.3	26.4	22.3	84.0	22.35	19.2	0.0	0.0	0.0	1.0
11	16.0	27.0	21.5	74.3	18.76	16.5	0.0	10.3	10.3	4.7
12	17.4	25.5	21.7	83.3	21.13	18.3	0.4	0.0	0.4	3.2
13	17.7	26.2	21.1	82.8	20.89	18.2	2.1	28.0	30.1	2.7
14	16.4	26.6	20.9	81.6	19.64	17.1	0.0	0.0	0.0	2.5
15	16.6	26.0	22.3	74.4	19.40	17.0	0.0	3.9	3.9	2.9
16	15.0	27.4	22.1	77.4	20.23	17.6	0.0	0.0	0.0	7.3
17	17.3	27.0	22.3	78.3	21.06	18.3	0.0	49.1	49.1	2.3
18	16.8	25.3	21.2	85.6	21.46	18.6	0.3	3.4	3.7	3.7
19	17.0	26.2	20.5	86.1	21.03	18.3	36.5	1.4	37.9	4.2
20	17.6	25.0	20.9	86.3	21.47	18.6	0.2	0.0	0.2	1.7
21	16.8	27.1	21.9	76.9	20.14	17.6	0.7	2.1	2.8	5.5
22	17.8	28.0	22.5	79.2	21.39	18.6	0.4	0.4	0.8	5.3
23	18.4	25.5	21.2	83.4	21.29	18.5	0.0	0.0	0.0	0.5
24	16.4	29.0	22.8	77.2	21.03	18.3	0.0	0.0	0.0	6.7
25	18.2	26.8	22.5	78.2	21.12	18.4	0.2	43.4	43.6	1.5
26	17.2	27.0	21.0	79.3	19.77	17.3	16.2	0.0	16.2	1.5
27	16.5	26.3	21.5	82.8	21.53	18.7	7.5	1.2	8.7	4.0
28	17.2	25.8	21.4	83.6	21.29	18.5	0.0	0.0	0.0	3.5
29	17.1	27.8	20.8	80.3	20.09	17.6	46.9	20.3	67.2	5.8
30	15.0	25.9	20.2	83.3	19.48	17.0	0.0	0.0	0.0	5.1
31	17.2	25.0	19.6	84.5	19.77	17.2	0.5	2.3	2.8	3.2
PROM.	16.8	26.5	21.2	81.8	20.52	17.9	132.8	208.3	341.1	109.8

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	25.4	21.6	81.3	20.83	18.1	0.0	0.3	0.3	3.5
2	16.5	25.0	21.3	78.2	19.86	17.4	0.0	4.7	4.7	2.1
3	16.9	25.0	20.4	83.2	20.08	17.6	0.0	0.0	0.0	0.5
4	15.8	26.2	21.8	79.3	20.89	18.1	0.0	0.5	0.5	5.7
5	16.8	29.3	23.0	74.6	20.26	17.6	0.0	0.2	0.2	5.9
6	16.5	28.4	22.3	74.1	19.78	17.3	0.0	0.0	0.0	7.6
7	16.8	28.8	22.6	70.2	18.83	16.5	0.0	0.0	0.0	8.1
8	17.4	25.4	22.0	81.4	21.55	18.6	0.0	0.0	0.0	1.8
9	17.8	25.5	20.7	85.1	21.10	18.4	1.1	0.0	1.1	3.3
10	17.5	26.8	20.6	82.7	20.51	17.9	7.6	0.0	7.6	2.3
11	16.0	25.0	19.1	91.7	20.42	17.8	26.5	3.4	29.9	1.8
12	16.2	23.4	20.0	86.0	20.29	17.7	0.8	0.5	1.3	0.8
13	17.3	25.0	21.2	81.1	20.18	17.7	0.0	2.4	2.4	2.8
14	17.0	26.6	20.9	79.0	19.80	17.3	0.9	0.0	0.9	4.2
15	15.7	26.8	22.0	75.0	19.72	17.2	1.2	0.3	1.5	7.6
16	17.0	23.5	19.0	93.0	20.54	17.9	6.5	11.5	18.0	3.4
17	15.5	24.0	19.6	83.7	19.06	16.7	3.3	3.5	6.8	4.7
18	16.6	23.2	18.8	86.6	18.98	16.7	0.4	0.0	0.4	0.0
19	16.4	23.3	19.3	85.4	19.39	17.0	1.6	0.0	1.6	2.1
20	15.6	26.6	21.0	78.1	19.28	16.9	0.0	0.0	0.0	6.7
21	16.5	28.2	21.8	73.0	18.81	16.5	0.0	0.2	0.2	8.0
22	17.4	28.4	21.9	77.1	20.50	17.9	0.4	24.6	25.0	6.8
23	16.6	25.5	20.5	81.1	19.35	17.0	0.0	0.4	0.4	3.9
24	17.2	24.8	19.6	84.7	19.60	17.2	37.6	9.0	46.6	1.6
25	15.7	22.6	19.9	81.9	18.85	16.6	1.4	0.0	1.4	1.1
26	14.9	24.7	20.6	80.7	19.38	17.0	0.1	0.0	0.1	3.4
27	15.6	27.3	22.0	76.6	19.81	17.3	0.0	2.5	2.5	8.6
28	15.5	25.4	20.8	85.2	20.50	17.9	0.4	0.0	0.4	3.5
29	15.8	27.2	21.0	78.3	19.24	16.9	0.0	0.0	0.0	4.9
30	15.0	23.8	20.0	86.5	20.36	17.8	1.2	0.0	1.2	4.5
PROM	16.4	25.7	20.8	81.2	19.93	17.4	91.0	64.0	155.0	121.2

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.988

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	16.8	26.0	21.5	79.5	20.04	17.5	0.0	12.0	12.0	3.1
2	17.0	25.6	19.6	83.8	19.51	17.1	26.5	3.1	29.6	1.9
3	16.5	25.2	20.2	87.5	20.52	17.9	0.1	49.3	49.4	2.5
4	15.8	23.6	19.6	83.8	18.93	16.6	4.4	7.5	11.9	0.2
5	16.5	22.6	19.3	79.7	17.91	15.8	1.5	37.8	39.3	0.6
6	16.2	25.8	19.6	84.5	19.07	16.7	0.6	0.5	1.1	2.6
7	16.2	26.7	21.3	77.8	19.62	17.2	0.0	4.4	4.4	6.9
8	17.6	25.2	20.6	81.9	20.03	17.6	1.0	0.1	1.1	2.4
9	16.0	27.0	20.7	80.1	19.65	17.2	0.0	0.0	0.0	5.0
10	15.0	26.6	21.2	79.8	19.85	17.3	1.4	1.2	2.6	5.7
11	16.8	25.2	20.6	85.1	20.76	18.1	0.9	0.0	0.9	3.8
12	15.6	27.0	21.0	74.4	18.33	16.1	0.4	0.0	0.4	5.6
13	15.7	25.1	20.7	80.8	19.55	17.1	0.6	0.0	0.6	2.5
14	14.4	27.6	20.9	74.6	18.23	16.0	0.0	0.0	0.0	9.9
15	16.0	28.8	23.1	71.7	20.00	17.5	0.0	0.0	0.0	6.1
16	15.3	28.0	21.7	73.9	18.75	16.4	0.0	0.0	0.0	4.4
17	16.4	26.0	21.7	77.5	19.79	17.3	0.0	15.9	15.9	6.2
18	16.5	26.4	20.6	81.6	19.84	17.4	0.0	0.0	0.0	4.8
19	16.2	26.9	21.9	76.3	19.68	17.2	0.0	0.0	0.0	3.9
20	17.4	27.6	21.4	77.6	19.70	17.3	0.0	0.0	0.0	5.7
21	17.0	26.4	21.2	82.0	20.68	18.0	0.0	0.0	0.0	2.1
22	16.9	25.4	21.7	80.1	21.01	18.3	0.4	8.1	8.5	5.3
23	16.8	25.3	21.1	82.8	20.81	18.1	0.0	0.0	0.0	1.6
24	16.6	26.2	21.5	80.5	20.44	17.8	0.0	6.0	6.0	4.0
25	16.8	28.4	22.3	73.9	19.31	17.0	0.1	1.5	1.6	6.9
26	17.4	28.3	22.2	77.3	20.28	17.7	0.0	28.8	28.8	6.1
27	16.0	27.6	21.8	79.6	20.60	17.9	0.0	0.0	0.0	5.1
28	16.5	29.0	22.7	72.8	19.46	17.0	0.0	7.5	7.5	7.5
29	17.5	25.0	20.9	83.3	20.39	17.8	0.0	43.8	43.8	2.7
30	16.0	27.0	21.6	79.8	20.13	17.6	0.0	2.8	2.8	6.1
31	16.3	25.6	21.0	83.7	20.53	17.9	1.7	0.0	1.7	3.1
PROM.	16.4	26.4	21.1	79.6	19.79	17.3	39.6	230.3	269.9	134.3

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	26.9	21.9	79.2	20.82	18.1	0.0	1.7	1.7	4.9
2	17.0	26.0	20.0	82.2	19.66	17.2	13.2	1.2	14.4	1.7
3	16.7	26.4	21.3	79.6	19.96	17.5	0.0	30.3	30.3	5.7
4	17.2	24.8	20.9	84.5	20.74	18.1	0.9	0.0	0.9	2.2
5	16.5	28.0	22.4	71.8	18.88	16.6	0.0	0.0	0.0	6.6
6	17.0	25.3	20.8	85.5	20.99	18.3	0.9	12.0	12.9	5.4
7	17.5	26.2	21.5	84.4	22.03	19.0	2.2	0.3	2.5	3.3
8	17.6	23.6	20.2	90.1	21.28	18.5	7.5	0.0	7.5	1.3
9	16.6	25.4	21.1	82.4	20.43	17.8	0.5	0.0	0.5	4.2
10	17.2	24.9	20.9	86.2	21.15	18.4	0.0	0.0	0.0	2.0
11	16.4	24.4	20.6	84.4	20.46	17.9	0.0	0.0	0.0	2.6
12	15.5	25.2	20.0	84.5	19.98	17.5	0.5	6.9	7.4	2.7
13	15.2	27.0	21.6	79.5	19.89	17.4	0.0	14.2	14.2	8.7
14	17.0	24.4	19.2	92.1	20.68	18.0	7.2	1.7	8.9	1.5
15	16.0	25.5	21.6	77.8	19.66	17.2	0.1	25.9	26.0	4.9
16	15.7	27.0	21.8	77.1	19.75	17.3	0.0	17.7	17.7	4.6
17	16.2	24.9	20.4	85.8	20.36	17.8	0.2	0.2	0.4	3.5
18	16.6	24.8	20.2	82.9	20.00	17.5	0.8	0.0	0.8	3.0
19	15.5	24.7	20.7	84.0	20.55	17.9	0.4	39.4	39.8	2.6
20	16.2	25.3	20.8	81.4	19.62	17.2	0.5	3.9	4.4	3.5
21	17.1	23.5	20.4	86.2	20.50	17.9	1.5	7.9	9.4	1.1
22	16.2	23.7	19.6	84.2	19.27	16.9	2.1	0.0	2.1	2.6
23	15.1	28.0	21.9	71.8	18.79	16.5	0.0	25.5	25.5	7.5
24	17.0	25.4	20.7	84.0	20.37	17.8	0.0	1.4	1.4	1.3
25	17.0	25.2	20.4	85.1	20.41	17.9	5.6	0.2	5.8	2.4
26	17.1	26.0	21.2	83.0	20.96	18.3	0.2	39.0	39.2	3.2
27	17.0	23.2	19.9	89.6	20.97	18.3	1.8	0.0	1.8	1.9
28	17.0	24.6	21.2	83.7	20.84	18.2	0.0	7.3	7.3	1.5
29	16.3	26.8	20.5	82.3	19.94	17.5	0.2	24.8	25.0	2.0
30	16.5	22.4	19.4	86.2	19.33	17.0	8.9	11.3	20.2	0.8
31	16.3	19.3	17.2	93.1	18.67	16.4	25.2	0.0	25.2	0.4
PROM	16.5	25.1	20.7	83.4	20.22	17.7	80.4	272.8	353.2	99.6

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.9E8

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	15.1	25.2	21.0	76.4	18.73	16.4	0.0	0.0	0.0	5.6
2	16.3	26.2	21.7	79.7	20.27	17.7	1.8	1.7	3.5	6.5
3	17.0	24.5	20.1	84.1	19.94	17.4	1.5	0.1	1.6	0.8
4	16.4	26.8	20.4	79.2	19.14	16.8	4.6	0.0	4.6	5.9
5	17.3	26.6	20.0	88.4	20.71	18.1	2.7	0.0	2.7	0.6
6	15.0	27.2	21.4	77.8	19.85	17.4	0.0	6.2	6.2	5.3
7	16.5	21.0	18.2	91.2	19.43	17.0	1.2	0.0	1.2	0.3
8	14.4	24.9	19.2	83.8	19.00	16.7	23.6	0.0	23.6	4.4
9	15.7	26.9	20.5	76.8	18.63	16.4	0.2	1.1	1.3	2.7
10	16.9	24.0	20.2	85.5	20.19	17.6	0.0	16.7	16.7	0.5
11	16.7	24.4	20.2	87.1	20.50	17.9	0.0	20.9	20.9	2.8
12	16.0	24.5	20.0	84.9	19.88	17.4	0.1	0.5	0.6	0.2
13	16.5	23.0	19.5	85.5	19.34	17.0	11.0	11.3	22.3	0.0
14	15.9	24.8	20.1	80.8	18.85	16.6	0.2	0.0	0.2	2.7
15	14.8	28.6	21.0	75.0	18.92	16.6	0.0	0.0	0.0	5.8
16	14.3	26.3	21.1	76.7	18.71	16.4	0.0	0.0	0.0	5.7
17	14.6	26.2	20.6	77.0	18.91	16.6	0.7	2.1	2.8	4.0
18	16.5	25.0	20.8	85.3	20.79	18.1	1.6	14.9	16.5	1.9
19	16.0	23.6	19.3	88.1	19.72	17.3	1.4	0.0	1.4	2.8
20	16.5	25.7	20.2	87.1	20.57	18.0	2.0	8.6	10.6	4.1
21	16.8	26.5	20.4	81.5	19.30	17.0	5.9	0.0	5.9	6.9
22	16.5	26.2	21.5	78.6	20.06	17.5	0.4	15.3	15.7	4.6
23	16.5	26.4	21.4	79.9	20.07	17.6	0.0	14.1	14.1	4.3
24	17.0	27.8	22.2	78.3	20.42	17.8	0.0	0.0	0.0	6.2
25	16.5	26.8	21.3	82.1	20.85	18.1	0.0	1.8	1.8	3.7
26	17.2	26.2	21.3	81.5	20.66	18.0	0.1	0.0	0.1	0.4
27	16.5	27.0	21.2	76.8	19.06	16.7	0.0	0.0	0.0	6.4
28	16.9	28.0	22.1	73.0	19.10	16.8	0.0	0.0	0.0	7.3
29	17.8	28.1	21.3	80.7	20.68	18.0	13.9	29.1	43.0	4.9
30	16.8	24.4	19.8	87.1	20.21	17.7	0.1	0.1	0.2	1.0
PROM.	16.2	25.8	20.6	81.7	19.75	17.3	73.0	144.5	217.5	108.3

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	16.2	23.8	19.7	84.2	19.44	17.1	11.2	14.7	25.9	0.1
2	16.4	24.2	19.2	90.6	20.22	17.7	2.1	3.2	5.3	1.4
3	16.6	26.2	20.4	83.4	19.91	17.4	0.0	8.7	8.7	3.2
4	17.5	25.2	20.8	85.5	21.09	18.4	0.9	0.0	0.9	3.0
5	16.8	25.5	20.1	83.0	19.73	17.3	6.9	0.0	6.9	3.5
6	16.9	27.4	21.1	82.4	20.57	17.9	0.1	20.6	20.7	5.1
7	16.8	25.0	20.5	85.0	20.35	17.7	0.7	3.8	4.5	2.0
8	16.8	23.2	19.6	93.0	21.18	18.4	19.9	1.7	21.6	0.2
9	16.6	26.4	21.0	79.0	19.52	17.1	0.0	3.4	3.4	4.7
10	17.0	27.8	21.8	74.1	19.45	17.1	0.0	11.7	11.7	5.8
11	15.9	24.8	20.8	84.3	20.72	18.1	3.3	0.0	3.3	2.7
12	17.5	26.0	20.9	80.6	20.03	17.6	0.8	1.7	2.5	1.3
13	16.5	25.6	20.1	81.4	19.18	16.9	1.5	5.9	7.4	1.0
14	16.6	22.8	19.1	88.3	19.66	17.2	18.5	12.4	30.9	0.3
15	16.2	22.0	18.7	88.5	19.14	16.8	1.5	1.2	2.7	0.5
16	16.0	26.9	20.9	78.0	19.39	17.0	0.0	0.0	0.0	7.3
17	16.6	27.5	22.0	76.9	20.36	17.8	0.0	18.8	18.8	6.3
18	16.3	25.0	20.8	82.7	20.23	17.7	0.4	0.0	0.4	3.1
19	17.0	27.0	21.2	77.0	19.60	17.2	0.0	0.0	0.0	6.5
20	15.9	28.0	21.9	76.9	19.82	17.3	0.0	0.0	0.0	9.2
21	17.5	27.6	21.3	76.0	19.53	17.1	0.6	19.4	20.0	6.4
22	16.0	24.2	20.3	82.1	19.22	16.8	0.0	0.0	0.0	1.6
23	15.0	29.2	22.6	70.0	19.01	16.7	0.0	0.0	0.0	9.1
24	18.0	27.0	20.6	80.9	20.13	17.6	0.2	0.4	0.6	5.3
25	15.7	25.7	20.3	80.0	19.25	16.9	0.1	0.7	0.8	1.4
26	16.4	26.8	20.9	79.7	19.84	17.4	0.0	0.0	0.0	5.5
27	16.3	27.0	20.9	81.4	20.42	17.8	5.7	2.1	7.8	3.6
28	16.0	26.2	20.3	85.2	20.42	17.8	0.3	0.0	0.3	1.9
29	16.5	25.9	21.6	79.7	20.59	18.0	0.0	3.0	3.0	2.7
30	17.0	25.8	20.5	81.2	19.67	17.2	0.1	0.1	0.2	2.1
31	15.8	27.8	20.8	77.2	18.95	16.7	58.4	0.1	58.5	6.6
PROM	16.5	25.9	20.7	81.6	19.89	17.4	133.2	133.6	266.8	113.4

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.988

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	17.2	26.2	20.6	82.4	20.37	17.8	39.8	1.8	41.6	2.6
2	17.0	23.2	20.3	86.2	20.57	17.9	0.0	7.0	7.0	0.1
3	16.4	24.2	20.1	84.6	20.02	17.5	0.0	0.0	0.0	2.3
4	15.5	27.2	21.9	77.0	20.18	17.6	0.0	0.0	0.0	6.7
5	16.9	25.6	20.6	80.7	19.66	17.2	0.2	0.7	0.9	3.9
6	16.2	28.2	20.6	78.1	18.85	16.6	3.7	2.6	6.3	5.3
7	16.0	26.5	21.4	81.0	20.41	17.8	0.0	14.3	14.3	4.1
8	16.5	25.3	21.2	80.1	19.87	17.4	0.0	0.2	0.2	1.0
9	17.0	25.2	20.8	82.4	20.18	17.6	6.2	14.7	20.9	2.8
10	16.0	25.0	20.2	82.9	19.76	17.3	1.4	43.4	44.8	4.8
11	16.5	25.2	20.3	80.1	18.80	16.5	0.0	0.1	0.1	2.9
12	17.0	26.9	21.8	79.7	20.57	17.9	0.0	28.4	28.4	5.4
13	17.6	24.8	20.2	86.1	20.51	17.9	0.7	25.8	26.5	1.1
14	17.5	26.2	20.7	83.4	20.47	17.9	0.5	2.1	2.6	2.4
15	16.9	26.5	21.0	82.0	20.27	17.7	0.5	25.1	25.6	4.2
16	16.0	25.0	20.1	83.3	19.48	17.1	0.1	9.1	9.2	2.0
17	16.4	26.3	20.0	83.5	19.33	17.0	3.1	0.0	3.1	3.0
18	15.0	26.0	20.8	79.8	20.01	17.5	0.0	31.4	31.4	5.7
19	16.8	26.8	21.3	78.8	19.78	17.3	4.6	3.4	8.0	5.2
20	16.0	25.6	19.9	82.3	19.17	16.9	0.6	0.7	1.3	4.9
21	17.0	26.0	20.9	79.2	19.55	17.1	0.0	29.1	29.1	5.4
22	17.4	24.4	20.3	81.7	19.71	17.3	0.0	0.0	0.0	1.9
23	15.5	26.5	21.1	78.8	19.24	16.9	0.1	25.0	25.1	8.2
24	17.2	26.2	20.2	82.2	19.67	17.2	0.2	0.1	0.3	3.1
25	16.6	27.4	21.1	80.8	20.19	17.6	0.0	49.3	49.3	4.7
26	16.2	26.0	20.5	81.4	19.64	17.2	0.0	0.2	0.2	4.9
27	17.0	27.6	21.8	76.3	19.61	17.1	0.0	2.1	2.1	8.5
28	17.3	27.0	21.4	83.2	21.21	18.4	2.2	5.1	7.3	1.2
29	18.0	26.2	20.3	81.2	19.52	17.1	6.4	2.2	8.6	3.5
30	17.0	25.5	20.5	82.8	19.99	17.5	0.9	19.1	20.0	4.1
PROM.	16.7	26.0	20.7	81.4	19.89	17.4	71.2	343.0	414.2	115.9

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.2	20.2	82.6	19.55	17.2	0.2	3.2	3.4	1.5
2	16.7	25.0	19.5	82.3	18.78	16.5	0.1	27.7	27.8	5.2
3	16.2	22.2	18.0	90.5	19.06	16.7	6.4	3.2	9.6	0.9
4	15.4	25.0	19.7	83.3	19.15	16.8	0.0	14.5	14.5	4.3
5	16.4	25.2	19.7	82.5	18.92	16.6	0.9	3.3	4.2	1.7
6	16.5	25.4	20.5	78.6	18.88	16.6	0.8	26.5	27.3	4.4
7	17.0	23.8	19.4	86.6	19.75	17.3	2.4	18.3	20.7	0.4
8	15.8	23.5	19.4	82.4	18.47	16.3	0.0	0.4	0.4	1.5
9	16.4	26.0	20.9	79.0	19.24	16.9	0.0	0.3	0.3	6.0
10	17.0	26.6	20.9	76.6	18.96	16.7	0.0	0.0	0.0	6.7
11	15.0	27.0	20.7	75.8	18.30	16.1	0.0	0.0	0.0	6.7
12	16.0	27.4	21.7	75.6	19.35	17.0	0.0	0.1	0.1	7.1
13	17.6	25.0	20.0	83.4	19.75	17.3	0.9	2.0	2.9	2.0
14	17.0	24.3	19.9	81.8	18.99	16.7	0.0	0.0	0.0	1.4
15	16.0	27.2	20.0	79.9	18.67	16.4	7.8	0.1	7.9	7.6
16	16.8	27.5	20.7	78.5	18.84	16.5	11.5	4.1	15.6	6.7
17	16.4	25.2	19.8	81.9	18.84	16.5	0.0	2.7	2.7	5.0
18	16.2	26.2	20.3	81.6	19.27	16.9	0.2	0.0	0.2	8.0
19	16.0	25.8	20.1	81.6	19.28	16.9	0.0	0.0	0.0	4.1
20	16.4	28.0	21.6	74.3	18.93	16.6	0.0	0.0	0.0	6.6
21	15.6	26.4	21.5	71.4	18.32	16.1	0.0	0.0	0.0	4.7
22	16.0	25.8	20.4	81.6	19.68	17.2	5.5	0.0	5.5	3.8
23	15.9	26.8	20.1	77.8	18.21	16.0	3.7	0.0	3.7	5.7
24	15.8	26.4	20.0	80.3	18.92	16.6	3.5	0.0	3.5	3.9
25	16.0	26.2	20.1	79.5	18.90	16.6	14.1	4.7	18.8	4.9
26	16.0	25.0	19.6	84.2	19.11	16.8	0.0	2.9	2.9	2.1
27	17.2	26.8	20.2	81.5	19.34	17.0	5.4	10.3	15.7	2.6
28	15.6	25.4	20.3	78.0	18.29	16.1	0.0	5.1	5.1	4.0
29	16.0	24.5	20.2	84.3	19.88	17.4	2.8	0.7	3.5	1.4
30	16.4	25.8	20.2	80.3	18.88	16.6	0.2	0.0	0.2	3.8
31	15.0	25.0	19.5	81.0	18.53	16.3	7.1	0.0	7.1	4.9
PROM	16.2	25.7	20.2	80.6	19.00	16.7	73.5	130.1	203.6	129.6

ESTACION: NARANJAL MUNICIPIO: CHINCHINA AÑO: 1.988

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.	Dias lluvias	
ENERO	16.8	28.4	21.9	14.8	31.0	77.9	20.09	17.5	99.5	14	191.7
FEBRERO	16.7	27.5	21.8	14.6	31.3	79.4	20.28	17.7	199.8	18	136.1
MARZO	17.2	29.1	23.1	15.0	32.5	71.4	19.34	16.9	95.2	10	188.2
ABRIL	17.0	26.2	21.2	15.3	29.6	82.7	20.57	17.9	307.0	26	98.5
MAYO	16.8	26.5	21.2	15.0	29.0	81.8	20.52	17.9	341.1	22	109.8
JUNIO	16.4	25.7	20.8	14.9	29.3	81.2	19.93	17.4	155.0	24	121.2
JULIO	16.4	26.4	21.1	14.4	29.0	79.6	19.79	17.3	269.9	21	134.3
AGOSTO	16.5	25.1	20.7	15.1	28.0	83.4	20.22	17.7	353.2	28	99.6
SEPTIEMBRE	16.2	25.8	20.6	14.3	28.6	81.7	19.75	17.3	217.5	24	108.3
OCTUBRE	16.5	25.9	20.7	15.0	29.2	81.6	19.89	17.4	266.8	25	113.4
NOVIEMBRE	16.7	26.0	20.7	15.0	28.2	81.4	19.89	17.4	414.2	27	115.9
DICIEMBRE	16.2	25.7	20.2	15.0	28.0	80.6	19.00	16.7	203.6	25	129.6
PROMEDIO	16.6	26.5	21.2	14.9	29.5	80.2	19.94	17.4			
TOTAL									2922.8	264	1546.6

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.988

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

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.7	22.4	18.7	85.8	18.46	16.2	0.0	0.0	0.0	8.6
2	13.8	25.0	19.9	78.9	17.99	15.6	8.4	0.0	8.4	
3	15.7	24.7	19.2	83.8	18.58	16.3	0.4	0.0	0.4	5.5
4							0.0	0.0	0.0	7.3
5							0.0	0.0	0.0	5.5
6							0.3	0.0	0.3	4.5
7							0.0	0.9	0.9	7.2
8							0.1	5.9	6.0	6.4
9							24.9	0.0	24.9	4.3
10							0.0	0.0	0.0	5.7
11							12.0	0.0	12.0	8.2
12							0.0	0.8	0.8	7.6
13							0.0	0.4	0.4	8.1
14							0.0	9.8	9.8	5.5
15							0.0	2.8	2.8	6.5
16							0.2	0.0	0.2	0.7
17							15.0	0.0	15.0	3.5
18	15.0	23.2	17.4	86.1	17.33	15.3	1.4	0.0	1.4	4.9
19	15.1	23.8	17.9	85.4	17.49	15.4	12.4	0.0	12.4	2.2
20	15.0	23.1	18.7	85.6	18.37	16.2	0.3	0.0	0.3	4.0
21	16.0	23.4	18.2	86.5	18.34	16.1	0.1	0.0	0.1	5.7
22	15.4	21.8	18.6	87.6	18.60	16.3	0.0	0.0	0.0	0.9
23	15.6	23.2	19.3	88.3	19.54	17.1	0.0	0.0	0.0	6.6
24	15.7	23.0	19.6	82.9	18.62	16.4	0.0	3.6	3.6	5.5
25	16.4	23.4	19.1	84.2	18.71	16.4	0.0	0.0	0.0	7.8
26	13.0	24.6	18.9	79.2	16.73	14.7	0.0	0.0	0.0	8.2
27	16.4	23.3	19.6	77.6	17.42	15.3	0.0	0.0	0.0	4.5
28	15.4	24.4	19.9	82.1	18.80	16.5	0.0	1.5	1.5	7.4
29	16.0	22.8	18.0	88.9	18.50	16.3	14.7	0.0	14.7	
30	14.7	21.8	17.9	89.4	18.14	16.0	11.7	0.0	11.7	3.5
31	15.4	21.5	18.1	91.4	18.94	16.6	0.0	0.0	0.0	0.6
PROM.							101.9	25.7	127.6	

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	23.7	19.2	82.6	18.37	16.1	0.0	0.0	0.0	8.7
2	14.5	23.4	18.7	86.4	18.47	16.2	0.0	0.0	0.0	3.7
3	15.0	24.2	19.3	81.1	17.94	15.8	0.0	0.0	0.0	6.5
4	14.9	23.8	18.4	85.1	18.22	16.0	0.2	21.9	22.1	5.7
5	15.4	24.5	18.4	87.7	18.69	16.4	16.0	8.0	24.0	6.2
6	16.2	21.2	18.4	91.5	19.42	17.0	0.0	0.4	0.4	2.3
7	15.8	22.4	19.0	88.0	19.24	16.9	0.1	0.0	0.1	3.2
8	15.5	24.3	19.4	90.1	20.01	17.5	0.0	0.0	0.0	5.3
9	16.5	21.0	17.4	86.9	17.39	15.3	2.5	0.0	2.5	1.0
10	15.0	22.2	18.6	84.9	18.12	16.0	0.0	0.0	0.0	1.8
11	16.2	22.6	18.2	84.0	17.71	15.6	0.1	0.3	0.4	1.7
12	16.0	23.6	19.4	87.7	19.70	17.2	2.3	0.9	3.2	7.1
13	16.5	22.3	19.1	80.3	17.59	15.5	1.0	1.6	2.6	5.4
14	16.7	23.8	19.8	80.2	18.29	16.1	0.0	0.0	0.0	7.9
15	15.4	23.7	19.6	87.5	19.60	17.2	0.8	0.0	0.8	0.6
16	16.2	24.8	19.4	83.4	18.80	16.5	2.5	0.0	2.5	5.4
17	16.8	23.3	19.1	79.5	17.49	15.4	0.0	0.9	0.9	4.0
18	16.4	24.5	20.6	78.0	18.54	16.3	0.0	0.0	0.0	7.8
19	15.7	25.3	20.7	75.5	17.91	15.7	0.0	0.0	0.0	8.9
20	16.2	25.1	20.7	77.6	18.27	16.0	0.0	0.0	0.0	7.7
21	13.2	21.8	18.0	91.8	18.69	16.4	0.3	0.0	0.3	3.1
22	16.5	22.0	19.0	87.2	19.03	16.7	0.0	0.3	0.3	1.6
23	16.8	23.8	19.6	84.1	19.33	16.9	0.0	0.0	0.0	1.2
24	17.0	23.0	18.7	90.5	19.80	17.3	0.0	0.2	0.2	1.6
25	15.6	23.4	18.6	85.4	18.35	16.1	0.5	40.7	41.2	4.7
26	16.2	22.1	18.1	88.0	18.44	16.2	11.3	2.1	13.4	2.2
27	15.6	22.4	17.4	87.9	17.61	15.5	12.2	0.0	12.2	1.5
28	15.0	24.1	19.6	81.4	18.09	15.9	0.0	14.4	14.4	6.9
29	15.0	25.4	19.4	83.3	18.95	16.6	0.0	0.5	0.5	7.3
PROM	15.8	23.4	19.0	84.7	18.55	16.3	49.8	92.2	142.0	131.0

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.988

ALTITUD: 1.760 LATITUD: 2-24 N. LONGITUD: 76-48 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	15.6	23.2	18.6	82.9	17.74	15.6	3.3	0.0	3.3	6.1
2	15.7	25.9	20.4	77.7	18.16	16.0	0.0	0.0	0.0	9.5
3	16.0	25.2	19.7	82.4	18.84	16.6	1.5	0.0	1.5	8.2
4	15.7	25.4	19.9	79.1	18.23	16.1	0.0	0.0	0.0	9.2
5	13.8	25.2	19.7	76.0	16.72	14.7	1.6	3.7	5.3	7.6
6	14.4	24.9	19.9	73.2	16.37	14.3	0.0	4.2	4.2	
7	16.0	24.4	19.2	83.4	18.50	16.3	0.7	12.0	12.7	1.4
8	16.7	22.4	19.2	87.1	19.32	17.0	0.0	38.7	38.7	2.6
9	15.6	19.0	16.9	93.7	17.98	15.8	1.5	0.0	1.5	0.0
10	15.0	23.4	19.1	79.3	17.27	15.2	0.0	0.0	0.0	6.1
11	14.0	25.2	20.4	72.4	16.53	14.5	0.0	0.0	0.0	8.7
12	13.6	24.4	19.7	74.4	16.45	14.4	0.0	0.0	0.0	
13	12.4	24.0	19.2	75.7	15.95	14.0	0.0	0.0	0.0	
14	16.0	25.6	20.2	78.8	18.27	16.1	0.0	0.0	0.0	7.5
15	12.4	25.2	19.4	72.8	15.67	13.7	0.0	0.0	0.0	3.5
16	14.4	20.0	17.4	91.0	16.13	15.9	0.0	0.0	0.0	0.0
17	15.4	25.0	19.6	77.6	17.40	15.3	0.0	0.0	0.0	5.9
18	14.0	25.2	19.9	67.4	15.19	12.8	0.0	0.0	0.0	9.2
19	13.0	26.8	21.1	58.7	14.13	12.0	0.0	0.0	0.0	
20	14.5	26.6	21.0	54.9	13.27	11.0	0.0	0.0	0.0	
21	16.0	27.5	22.2	54.4	14.30	12.1	0.0	0.0	0.0	
22	15.0	23.0	18.9	84.2	18.33	16.1	0.0	0.0	0.0	2.0
23	13.0	24.6	17.9	82.0	16.57	14.6	0.0	0.0	0.0	3.7
24	12.6	25.2	19.4	71.5	15.62	13.6	0.0	0.0	0.0	6.6
25	11.0	23.5	19.1	70.8	14.67	12.7	0.0	0.0	0.0	3.2
26	14.0	20.8	17.9	90.8	18.26	16.1	0.0	0.0	0.0	1.3
27	16.0	22.4	19.5	78.8	17.33	15.1	0.0	0.0	0.0	0.4
28	15.0	24.2	19.1	80.8	18.09	15.9	0.0	0.0	0.0	5.8
29	14.8	21.3	18.5	90.6	19.41	17.0	0.7	0.0	0.7	0.4
30	15.7	23.2	19.0	79.5	17.48	15.4	0.0	0.0	0.0	
31	12.7	25.8	19.7	73.0	16.00	14.0	0.0	0.0	0.0	
PROM.	14.5	24.1	19.4	77.3	16.97	14.8	9.3	58.6	67.9	

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	12.8	24.4	19.8	74.8	16.71	14.7	0.0	0.0	0.0	
2	15.0	25.1	18.4	83.6	17.68	15.6	4.0	0.1	4.1	
3	15.4	24.1	19.2	80.8	17.47	15.4	2.4	38.2	40.6	
4	15.6	23.4	19.5	88.4	20.02	17.9	0.1	1.0	1.1	1.8
5	14.8	23.5	19.3	91.6	20.47	17.9	5.1	0.0	5.1	2.2
6	17.0	21.0	16.9	96.9	18.87	16.6	18.1	0.0	18.1	0.1
7	15.0	22.7	18.1	93.8	19.59	17.2	10.3	0.0	10.3	1.1
8	16.5	25.0	19.5	84.7	19.19	16.9	0.2	0.0	0.2	6.2
9	16.5	24.4	20.3	84.6	19.86	17.4	0.0	0.3	0.3	5.6
10	16.6	23.4	18.0	89.7	18.67	16.4	57.1	2.4	59.5	
11	15.6	23.1	19.7	81.1	18.38	16.1	8.0	0.0	8.0	
12	14.7	23.4	18.2	89.0	18.93	16.6	0.5	5.5	6.0	1.7
13	14.8	20.2	17.3	92.0	18.15	16.0	1.2	0.0	1.2	0.1
14	14.0	23.0	18.0	83.8	17.03	15.0	0.0	5.3	5.3	2.5
15	16.0	21.5	17.9	88.2	18.22	16.0	1.1	0.0	1.1	1.2
16	14.8	23.2	17.6	83.8	16.88	14.9	0.0	0.0	0.0	
17	14.2	25.1	17.8	88.6	18.49	16.2	0.0	0.0	0.0	
18	14.4	24.7	18.3	80.5	16.59	14.5	0.5	0.5	1.0	
19	14.8	24.2	19.1	83.9	18.54	16.3	0.0	0.0	0.0	
20	16.8	24.7	18.9	88.0	19.50	17.1	1.1	0.6	1.7	2.1
21	16.4	23.5	18.0	88.0	18.42	16.2	0.0	0.1	0.1	2.1
22	15.4	24.3	18.1	87.6	18.61	16.4	8.8	0.0	8.8	5.2
23	16.0	22.4	18.3	87.3	18.27	16.1	2.2	0.0	2.2	3.2
24	14.9	24.0	19.1	87.8	19.23	16.8	2.9	0.0	2.9	2.7
25	14.8	22.8	17.2	90.8	18.20	16.0	0.0	0.0	0.0	2.5
26	14.4	20.2	17.6	95.3	19.42	17.0	0.9	0.1	1.0	1.2
27	16.0	20.8	17.7	91.6	18.65	16.4	0.0	0.0	0.0	3.2
28	13.0	24.2	19.0	83.1	18.12	15.9	1.5	0.0	1.5	7.4
29	14.0	22.4	18.0	89.8	18.90	16.6	0.0	0.0	0.0	2.1
30	15.4	23.1	18.8	88.6	19.10	16.8	4.0	18.1	22.1	4.8
PROM	15.2	23.3	18.5	87.3	18.54	16.3	130.0	72.2	202.2	

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.988

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	14.6	19.4	17.1	92.2	17.71	15.6	8.0	0.0	8.0	
2	15.0	22.2	18.1	87.2	18.03	15.9	0.0	0.7	0.7	2.7
3	14.8	22.0	17.6	93.6	19.13	16.7	0.5	0.0	0.5	2.7
4	16.0	21.8	17.6	89.5	18.30	16.1	5.0	0.0	5.0	1.2
5	12.5	23.4	18.8	87.6	18.83	16.5	0.0	0.0	0.0	5.0
6	16.6	24.0	20.4	83.2	19.76	17.3	0.0	0.0	0.0	4.5
7	14.5	26.4	20.0	70.0	16.21	14.1	0.0	0.0	0.0	6.7
8	16.7	21.4	18.6	89.1	19.19	16.8	0.0	0.0	0.0	
9	15.4	23.4	18.8	86.0	18.53	16.3	0.3	0.0	0.3	2.7
10	15.0	23.6	20.1	86.1	20.13	17.6	0.0	0.0	0.0	2.3
11	15.7	23.8	18.9	85.5	18.76	16.5	0.6	0.7	1.3	4.0
12	14.5	24.0	19.0	81.8	17.77	15.6	0.0	0.0	0.0	3.4
13	14.0	23.4	18.4	91.3	19.20	16.8	0.0	11.3	11.3	3.6
14	15.4	20.8	16.6	98.1	18.45	16.2	44.1	0.0	44.1	
15	14.0	23.5	17.5	85.3	17.05	15.0	0.0	0.0	0.0	
16	12.2	24.0	18.1	83.2	16.96	14.9	5.6	0.0	5.6	
17	12.0	22.5	18.1	85.2	17.57	15.4	0.0	2.2	2.2	1.7
18	15.4	21.0	17.7	89.6	18.25	16.1	4.9	0.0	4.9	3.2
19	15.5	20.8	17.9	91.1	18.69	16.4	0.0	0.0	0.0	1.1
20	14.0	22.0	17.2	93.7	18.15	16.0	0.9	0.0	0.9	3.0
21	15.5	22.4	18.2	92.7	19.58	17.2	0.0	0.0	0.0	2.5
22	15.5	24.2	18.4	91.5	19.57	17.2	2.3	0.0	2.3	3.0
23	14.4	23.5	19.2	81.3	17.58	15.4	0.0	0.0	0.0	4.3
24	14.0	24.6	18.1	82.5	17.10	15.0	0.0	0.0	0.0	5.4
25	15.4	23.2	18.8	89.3	19.70	17.3	5.4	0.5	5.9	3.1
26	16.6	20.4	17.5	90.5	18.54	16.3	0.1	1.2	1.3	1.0
27	15.0	20.8	17.0	93.3	18.26	16.1	5.5	0.1	5.6	1.6
28	15.4	23.5	18.7	84.2	17.99	15.8	5.2	0.3	5.5	2.3
29	14.2	24.2	19.8	81.6	18.40	16.1	0.0	0.2	0.2	4.1
30	14.0	23.8	18.1	81.6	16.84	14.8	0.0	0.0	0.0	5.3
31	13.0	23.2	16.5	92.8	17.42	15.3	12.5	0.1	12.6	3.2
PROM.	14.7	22.8	18.3	87.5	18.31	16.1	100.9	17.3	118.2	

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	12.5	23.2	17.3	86.7	17.12	15.0	1.3	0.0	1.3	3.8
2	13.8	21.8	16.5	85.3	16.01	14.0	1.4	0.0	1.4	1.9
3	12.0	23.0	17.2	92.7	18.18	15.8	0.7	0.1	0.8	
4	13.4	23.6	18.1	83.5	17.04	15.0	1.2	1.0	2.2	6.8
5	14.0	24.0	18.8	71.7	15.11	13.1	0.0	0.0	0.0	5.2
6	12.0	22.0	17.9	78.0	15.58	13.6	0.0	0.0	0.0	5.1
7	14.7	24.4	20.0	79.6	18.00	15.8	0.0	0.0	0.0	6.9
8	13.4	24.2	18.0	76.3	15.81	13.8	0.3	0.0	0.3	6.0
9	14.7	22.8	18.2	88.0	18.60	16.4	5.6	0.1	5.7	3.0
10	12.8	22.5	17.6	72.8	14.53	12.5	0.0	0.0	0.0	5.8
11	12.0	22.0	18.1	79.5	16.06	14.0	0.0	0.0	0.0	4.8
12	10.8	23.0	17.2	84.4	16.16	14.1	1.3	0.2	1.5	6.0
13	13.8	24.5	18.8	80.6	17.30	15.2	0.4	0.0	0.4	3.8
14	14.2	22.4	16.3	96.0	17.76	15.6	8.2	0.0	8.2	2.7
15	13.0	25.8	18.0	82.9	17.14	15.1	5.1	0.0	5.1	5.2
16	14.8	23.6	18.3	87.5	18.71	16.5	18.0	4.7	22.7	2.8
17	15.0	22.4	17.5	90.8	18.51	16.2	14.8	11.3	26.1	1.5
18	14.7	21.0	17.7	88.6	17.83	15.7	2.4	8.1	10.5	0.3
19	13.0	20.8	16.3	88.9	16.75	14.7	3.3	0.0	3.3	2.2
20	13.2	23.5	18.9	84.4	18.03	15.8	0.1	0.0	0.1	3.8
21	15.8	23.8	19.6	83.7	19.05	16.7	0.9	1.0	1.9	2.5
22	15.0	24.0	18.4	83.6	18.46	16.2	6.5	6.2	12.7	4.5
23	14.5	23.5	17.8	88.3	18.18	16.0	2.8	0.0	2.8	4.4
24	13.8	22.0	17.8	90.1	18.32	16.1	35.5	12.8	48.3	2.5
25	15.8	21.5	17.4	88.8	17.86	15.7	13.3	0.6	13.9	1.4
26	13.8	23.0	17.7	79.8	15.71	13.8	0.0	0.0	0.0	4.6
27	13.5	23.7	18.6	82.9	17.72	15.6	0.0	0.0	0.0	6.4
28	14.8	22.5	17.7	92.8	19.23	16.8	5.2	0.0	5.2	1.7
29	14.8	24.4	19.1	79.8	17.32	15.2	0.0	0.0	0.0	5.5
30	14.5	24.2	19.0	79.0	17.63	15.5	0.0	0.0	0.0	6.0
PROM	13.8	23.1	18.0	84.2	17.32	15.2	128.3	46.1	174.4	

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.9E8

ALTITUD: 1.700 LATITUD: 2-24 N. LONGITUD: 76-48 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	12.8	22.4	18.1	86.1	17.61	15.5	0.4	0.0	0.4	2.4
2	15.6	22.2	17.4	96.6	15.34	16.9	9.5	3.2	12.7	3.9
3	14.8	21.6	17.7	88.6	16.13	16.0	3.6	7.4	11.0	1.6
4	14.5	21.5	17.1	89.7	17.55	15.4	0.1	4.3	4.4	1.7
5	14.8	20.0	17.1	95.2	16.69	16.4	8.1	9.9	18.0	0.1
6	14.0	22.5	16.3	94.6	17.81	15.7	2.3	0.0	2.3	4.2
7	13.5	23.0	18.8	80.2	17.25	15.2	0.0	0.0	0.0	6.1
8	15.5	22.5	18.4	88.6	16.88	16.6	1.2	0.0	1.2	3.4
9	13.8	23.4	18.6	72.2	15.33	13.2	0.0	0.0	0.0	4.4
10	12.0	23.0	16.4	77.5	14.66	12.6	0.0	0.0	0.0	6.9
11	12.5	25.0	19.2	68.8	14.84	12.8	0.0	0.0	0.0	7.4
12	12.8	23.6	18.6	75.4	15.61	13.6	0.0	0.0	0.0	5.7
13	11.5	23.0	17.5	67.9	12.83	10.6	0.0	0.0	0.0	9.3
14	12.6	25.4	18.9	55.6	11.98	9.6	0.0	0.0	0.0	6.0
15	13.0	24.6	20.1	48.0	11.21	8.6	0.0	0.0	0.0	9.5
16	13.5	24.5	19.3	64.4	14.42	12.5	0.0	0.0	0.0	5.2
17	14.0	24.2	19.9	66.1	15.36	13.4	0.0	0.0	0.0	7.1
18	12.5	23.8	19.2	64.7	14.42	12.3	0.0	0.0	0.0	6.0
19	13.2	23.0	17.7	73.9	14.69	12.7	0.0	0.0	0.0	3.5
20	12.0	24.4	19.1	71.5	15.15	13.1	0.0	0.0	0.0	4.9
21	13.5	24.0	19.0	80.0	17.11	15.0	0.0	0.0	0.0	4.1
22	10.8	25.6	19.7	63.6	13.38	11.2	0.0	0.0	0.0	8.1
23	10.5	26.0	19.0	71.0	14.31	12.1	0.0	0.0	0.0	6.0
24	12.0	22.8	17.7	86.3	17.35	15.2	2.5	0.0	2.5	2.2
25	14.8	24.6	18.4	84.5	17.90	15.8	4.3	0.0	4.3	1.8
26	13.6	25.0	18.3	69.3	14.13	12.1	0.0	0.0	0.0	7.7
27	9.5	25.5	18.5	77.9	15.90	13.9	0.0	0.0	0.0	9.3
28	10.8	26.4	19.8	74.0	16.09	14.0	0.0	0.0	0.0	8.8
29	14.6	26.0	18.4	82.9	17.60	15.5	0.4	0.0	0.4	5.3
30	14.9	24.3	18.0	84.9	17.79	15.7	6.2	2.8	9.0	4.0
31	14.8	24.4	17.9	84.9	17.38	15.3	0.4	0.0	0.4	5.0
PROM.	13.2	23.8	18.4	76.9	15.96	13.8	39.0	27.6	66.6	161.6

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	15.8	23.0	17.9	93.2	15.06	16.7	21.1	3.8	24.9	2.0
2	14.8	22.9	18.2	85.4	15.34	16.1	8.4	0.4	8.8	2.5
3	15.0	24.9	18.8	83.7	17.96	15.8	0.0	0.0	0.0	6.4
4	14.8	25.5	19.6	67.3	14.81	12.8	0.0	0.0	0.0	9.3
5	11.0	25.0	20.0	57.2	12.87	10.7	0.0	0.0	0.0	8.8
6	12.3	26.0	19.3	70.0	14.76	12.8	0.0	0.0	0.0	8.4
7	13.5	22.4	18.9	88.0	18.80	16.5	4.2	0.0	4.2	2.9
8	14.0	24.5	17.7	87.3	17.62	15.7	1.2	0.0	1.2	2.9
9	13.9	25.0	19.7	68.5	15.03	13.0	0.0	0.0	0.0	7.2
10	13.2	23.0	18.7	61.7	13.32	11.1	0.0	0.0	0.0	3.3
11	13.0	25.5	19.9	59.9	13.20	11.0	0.0	0.0	0.0	7.4
12	11.0	24.0	18.2	69.8	14.09	12.0	1.4	0.0	1.4	4.1
13	14.0	24.2	19.7	77.2	17.01	15.0	0.0	0.0	0.0	5.3
14	13.5	22.3	18.4	84.8	17.70	15.5	0.1	0.0	0.1	2.1
15	15.0	26.0	17.3	82.3	16.31	14.3	2.2	0.0	2.2	4.9
16	13.0	23.0	17.9	82.3	16.70	14.7	0.0	0.0	0.0	2.7
17	15.6	22.5	18.1	82.1	17.06	15.0	2.3	0.0	2.3	1.4
18	14.8	25.5	17.7	83.3	17.09	15.0	0.2	0.0	0.2	5.4
19	12.5	20.5	17.4	89.8	17.61	15.5	3.2	0.0	3.2	1.7
20	13.8	22.4	16.9	79.6	15.05	13.0	5.9	5.8	11.7	0.9
21	14.5	21.0	17.1	80.6	15.54	13.5	0.0	0.0	0.0	1.0
22	14.5	23.8	18.7	75.2	15.79	13.7	0.2	0.0	0.2	4.6
23	13.0	24.0	18.9	64.2	13.47	11.3	0.0	0.0	0.0	5.3
24	10.0	24.2	17.0	75.3	13.81	11.6	0.0	0.0	0.0	4.9
25	11.8	24.0	17.7	79.1	15.57	13.5	4.6	0.0	4.6	
26	14.4	23.4	18.1	76.4	15.50	13.4	2.6	3.7	6.3	
27	15.0	21.4	17.9	86.1	17.59	15.5	1.3	0.0	1.3	
28	15.2	24.7	18.9	75.0	15.84	13.5	0.0	0.0	0.0	
29	11.5	22.8	16.9	81.7	15.41	13.4	0.0	0.0	0.0	3.2
30	14.0	21.0	16.1	89.8	16.67	14.6	2.9	0.5	3.4	0.5
31	14.5	20.8	16.6	88.3	16.70	14.7	0.0	0.0	0.0	2.1
PROM	13.6	23.5	18.2	78.2	16.02	13.9	61.8	14.2	76.0	

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.988

ALTITUD: 1.700 LATITUD: 2-24 N. LONGITUD: 76-48 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	14.7	25.5	18.8	74.7	15.83	13.8	0.0	0.0	0.0	4.6
2	14.8	24.5	18.1	83.0	17.36	15.3	12.6	0.0	12.6	2.2
3	11.5	26.0	18.7	72.3	14.74	12.5	0.0	0.0	0.0	7.0
4	14.0	24.5	18.8	72.8	14.98	12.9	0.0	0.0	0.0	5.6
5	11.0	24.8	18.4	64.9	12.83	10.7	0.0	0.0	0.0	4.4
6	13.5	26.0	19.7	71.2	15.97	13.9	0.0	0.0	0.0	5.4
7	12.5	23.4	16.2	90.1	16.33	14.3	25.1	0.0	25.1	2.0
8	11.5	23.5	17.0	80.1	15.28	13.3	30.2	27.2	57.4	5.6
9	14.8	23.2	17.3	83.1	16.50	14.5	2.8	3.0	5.8	1.4
10	15.3	21.5	17.2	94.2	16.26	16.1	9.1	6.5	15.6	2.6
11	15.0	23.6	18.6	82.6	17.53	15.4	0.9	31.5	32.4	4.9
12	15.2	22.5	18.3	83.2	17.28	15.2	0.2	15.0	15.2	1.0
13	14.5	22.6	18.2	78.6	15.99	14.0	8.1	0.7	8.8	1.3
14	15.2	23.0	17.2	86.2	17.26	15.2	15.4	0.5	15.9	2.8
15	13.0	25.2	18.2	80.0	16.73	14.7	0.0	0.0	0.0	6.4
16	10.8	26.0	19.0	79.6	16.94	14.8	3.1	0.0	3.1	1.9
17	14.6	24.8	20.0	75.4	17.21	15.1	0.0	0.0	0.0	6.5
18	15.0	22.0	18.4	88.1	16.52	16.3	0.0	0.0	0.0	2.2
19	15.6	22.6	18.0	85.6	17.83	15.7	0.0	0.7	0.7	1.8
20	14.8	23.0	18.9	81.3	17.64	15.6	0.8	2.2	3.0	3.9
21	14.6	21.0	18.0	82.3	16.74	14.7	0.0	0.0	0.0	3.0
22	13.6	23.4	17.7	83.3	17.38	15.3	5.4	0.0	5.4	2.5
23	12.5	24.5	17.7	81.3	16.35	14.3	1.3	0.0	1.3	6.2
24	14.5	25.2	18.5	85.7	18.74	16.5	6.1	0.0	6.1	5.6
25	13.0	22.4	17.4	84.7	16.56	14.5	0.0	0.0	0.0	2.1
26	14.8	24.0	19.6	56.4	12.79	10.4	0.0	0.0	0.0	3.0
27	13.0	23.8	18.4	72.2	14.91	12.9	0.0	0.0	0.0	4.5
28	12.5	23.4	18.3	71.0	14.43	12.3	0.0	0.0	0.0	5.6
29	12.6	23.0	17.6	77.5	15.02	13.0	0.0	0.9	0.9	3.6
30	14.7	21.4	18.1	86.9	18.06	15.9	2.3	13.6	15.9	0.2
PROM.	13.8	23.7	18.2	79.6	16.40	14.3	123.4	101.8	225.2	109.8

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	14.8	23.8	18.0	81.3	16.90	14.9	16.9	5.5	22.4	4.4
2	15.0	23.6	18.6	81.2	17.16	15.1	0.5	3.3	3.8	1.9
3	15.8	24.4	18.3	87.1	18.61	16.4	1.6	4.7	6.3	2.0
4	13.5	22.8	17.7	89.6	18.38	16.1	13.2	14.6	27.8	4.1
5	16.0	23.4	18.4	86.8	18.46	16.2	0.0	2.0	2.0	2.2
6	15.4	22.4	18.0	86.1	17.85	15.7	0.9	0.0	0.9	1.4
7	15.5	21.4	18.8	84.4	18.14	15.9	0.0	0.0	0.0	
8	15.4	24.4	18.9	81.3	17.73	15.6	0.0	0.0	0.0	
9	16.4	24.0	20.4	77.4	18.24	16.0	0.0	0.0	0.0	2.1
10	13.4	24.5	18.3	82.5	17.27	15.2	0.0	0.0	0.0	4.1
11	13.8	22.4	17.9	80.2	16.49	14.5	0.7	0.0	0.7	3.1
12	16.0	20.6	17.2	88.4	17.61	15.5	1.4	0.0	1.4	0.8
13	14.0	21.8	17.3	90.1	17.88	15.7	7.8	46.4	54.2	3.7
14	14.4	20.0	16.3	88.9	16.58	14.6	0.2	0.0	0.2	0.1
15	14.8	22.0	17.1	86.9	16.88	14.8	0.0	0.0	0.0	2.8
16	14.7	23.8	18.5	72.0	15.31	13.3	0.0	9.0	9.0	8.2
17	14.5	23.0	18.3	82.3	17.42	15.3	0.0	13.0	13.0	4.7
18	14.8	23.1	17.5	81.1	15.98	14.0	0.0	4.2	4.2	2.0
19	13.8	24.5	18.3	79.5	16.51	14.4	0.2	2.5	2.7	9.4
20	14.0	24.8	18.6	74.9	15.34	13.2	0.0	0.0	0.0	6.4
21	13.8	24.5	19.3	74.0	16.05	14.1	0.0	0.0	0.0	3.9
22	14.5	24.0	19.0	78.7	16.99	14.9	0.3	0.0	0.3	0.9
23	13.5	25.2	20.2	71.8	16.49	14.4	0.0	0.0	0.0	7.2
24	15.4	24.4	18.2	81.2	17.38	15.3	8.8	0.0	8.8	3.2
25	14.8	22.4	17.8	80.5	16.26	14.3	0.0	0.1	0.1	1.3
26	14.7	24.2	17.6	83.2	17.17	15.1	5.8	0.1	5.9	5.8
27	14.8	22.6	17.1	85.1	16.55	14.5	3.5	0.0	3.5	3.5
28	13.9	21.0	17.1	91.5	17.89	15.7	0.2	0.0	0.2	0.2
29	13.8	23.6	18.1	82.1	17.18	15.1	4.0	40.2	44.2	3.4
30	13.0	23.5	18.1	81.0	16.62	14.6	0.0	0.0	0.0	5.9
31	16.0	23.2	18.5	79.6	17.30	15.2	4.7	16.0	20.7	2.9
PROM	14.7	23.2	18.2	82.3	17.12	15.0	70.7	161.6	232.3	

ESTACION: MANUEL MEJIA MUNICIPIO: TAMBO AÑO: 1.9[illegible]

ALTITUD: 1.700 LATITUD: 2-24 N. LONGITUD: 76-48 [illegible].

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	16.0	19.4	17.0	91.8	17.97	15.8	8.7	13.1	21.8	0.0
2	14.5	22.5	17.5	84.9	17.04	15.0	20.4	0.7	21.1	1.7
3	15.0	23.0	18.2	86.9	18.11	15.9	0.0	0.0	0.0	2.7
4	13.8	25.0	19.3	77.6	16.57	14.2	0.0	0.0	0.0	9.4
5	14.8	22.8	18.8	80.0	17.22	15.2	0.0	0.2	0.2	3.2
6	15.5	20.8	17.8	88.3	18.09	15.9	6.7	0.0	6.7	1.1
7	15.0	22.0	17.5	82.6	16.71	14.6	14.7	15.6	30.3	4.7
8	14.8	23.4	17.5	86.6	17.45	15.4	1.6	18.6	20.2	4.4
9	15.0	23.5	17.4	91.0	18.23	16.0	0.9	0.0	0.9	2.3
10	15.8	22.5	18.3	83.6	17.75	15.6	2.8	0.0	2.8	1.7
11	16.0	22.0	17.6	85.5	17.28	15.2	39.8	0.0	39.8	1.1
12	15.5	22.6	18.8	87.0	19.18	16.6	7.8	0.0	7.8	2.8
13	15.8	22.4	18.1	87.4	18.31	16.1	16.0	0.6	16.6	0.8
14	16.4	22.6	18.1	86.3	18.03	15.9	4.0	11.3	15.3	4.3
15	16.0	22.0	19.1	82.9	18.19	16.0	1.0	44.9	45.9	2.9
16	15.0	23.2	17.7	84.1	16.94	14.9	0.0	16.3	16.3	3.0
17	14.5	22.8	17.7	84.3	16.99	14.9	25.6	29.2	54.8	
18	15.4	23.2	17.4	84.5	16.96	14.9	26.3	0.0	26.3	
19	14.0	22.0	18.0	83.9	17.39	15.3	0.6	4.7	5.3	1.6
20	14.9	21.2	17.3	87.5	17.41	15.3	0.1	0.4	0.5	2.3
21	15.8	22.0	18.0	85.0	17.70	15.6	1.2	45.3	46.5	3.1
22	15.4	22.5	18.0	83.0	17.11	15.0	6.3	5.2	11.5	1.0
23	15.8	23.5	18.6	83.6	18.12	15.9	0.3	3.1	3.4	5.9
24	15.5	22.4	18.5	87.4	18.66	16.4	1.9	1.5	3.4	4.3
25	15.0	23.5	17.5	84.9	17.11	15.1	18.6	5.1	23.7	4.1
26	14.8	22.5	18.5	84.7	18.07	15.9	1.7	0.0	1.7	5.1
27	16.4	23.5	18.7	84.1	18.27	16.1	3.1	0.0	3.1	3.7
28	16.8	22.2	18.5	86.5	18.55	16.3	1.8	19.5	21.3	3.9
29	15.5	22.5	18.4	84.4	17.84	15.7	28.5	24.9	53.4	
30	15.4	23.2	18.3	80.4	16.78	14.7	1.2	9.1	10.3	
PROM.	15.3	22.6	18.1	85.0	17.67	15.5	241.6	269.3	510.9	

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	15.5	23.0	17.9	81.2	16.87	14.8	0.0	4.8	4.8	5.6
2	14.8	23.5	18.0	79.8	16.37	14.4	0.2	11.5	11.7	3.0
3	14.9	22.2	17.7	82.7	16.55	14.5	0.1	2.5	2.6	4.5
4	14.8	22.0	17.9	84.7	17.24	15.1	3.0	14.6	17.6	2.2
5	14.7	21.0	16.8	89.1	17.27	15.2	0.0	0.0	0.0	1.3
6	14.8	22.5	18.0	84.2	17.32	15.2	4.3	3.4	7.7	5.4
7	14.9	21.8	17.0	84.8	16.55	14.5	11.6	4.6	16.2	2.1
8	15.0	19.0	16.0	91.8	16.83	14.8	8.6	1.9	10.5	0.1
9	14.8	23.5	17.1	86.9	17.23	15.2	0.7	0.3	1.0	5.1
10	13.8	23.8	17.5	80.5	16.06	14.1	5.0	0.0	5.0	6.0
11	14.0	23.4	16.7	87.8	17.11	15.0	3.5	0.0	3.5	4.0
12	12.5	23.0	17.7	87.7	17.87	15.7	3.3	0.0	3.3	6.5
13	15.8	23.2	17.6	84.2	17.08	15.0	13.8	0.3	14.1	3.6
14	15.6	21.2	16.7	88.0	16.99	15.0	6.2	0.0	6.2	1.7
15	13.5	23.2	18.1	80.6	16.36	14.3	0.0	0.0	0.0	6.6
16	16.0	22.5	18.8	82.7	17.78	15.6	3.3	35.5	38.8	3.3
17	15.2	21.4	16.7	85.4	16.64	14.6	0.2	0.0	0.2	
18	15.0	20.2	16.7	88.8	16.99	15.0	2.1	0.2	2.3	
19	15.1	22.0	17.7	81.7	16.69	14.7	7.8	0.0	7.8	5.5
20	15.0	23.0	18.5	81.2	17.24	15.2	0.0	0.0	0.0	7.8
21	13.4	24.4	18.0	79.9	16.12	14.1	0.4	0.0	0.4	8.8
22	15.4	23.1	17.1	83.7	16.63	14.6	3.7	0.0	3.7	6.2
23	13.4	22.4	17.6	81.0	16.26	14.3	0.0	0.0	0.0	7.1
24	15.5	23.5	18.1	83.0	17.38	15.3	2.6	6.3	8.9	1.2
25	15.8	20.5	17.6	86.5	17.53	15.4	2.2	13.7	15.9	
26	14.5	22.6	17.4	89.6	17.97	15.8	3.0	0.4	3.4	3.7
27	15.8	21.6	17.2	90.6	16.01	15.9	3.1	0.4	3.5	2.6
28	15.0	21.4	17.0	86.0	16.95	14.9	2.7	13.8	16.5	4.5
29	14.8	23.4	17.1	84.7	16.74	14.7	1.0	7.3	8.3	1.3
30	14.4	23.2	18.2	83.5	17.28	15.2	0.2	0.0	0.2	0.8
31	15.0	22.0	18.2	83.1	17.27	15.2	0.0	2.3	2.3	3.4
PROM	14.8	22.4	17.5	84.7	17.01	14.9	92.6	123.8	216.4	

ESTACION: MANUEL MEJIA MUNICIPIO: TAMEG AÑO: 1.986

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									127.6	21	
FEBRERO	15.8	23.4	19.0	13.2	25.4	84.7	18.55	16.3	142.0	19	131.0
MARZO	14.5	24.1	19.4	11.0	27.5	77.3	16.97	14.8	67.9	8	
ABRIL	15.2	23.3	18.5	12.8	25.1	87.3	18.54	16.3	202.2	23	
MAYO	14.7	22.8	18.3	12.0	26.4	87.5	18.31	16.1	118.2	19	
JUNIO	13.8	23.1	18.0	10.8	25.8	84.2	17.32	15.2	174.4	21	
JULIO	13.2	23.8	18.4	9.5	26.4	76.9	15.96	13.8	66.6	12	161.6
AGOSTO	13.6	23.5	18.2	10.0	26.0	78.2	16.02	13.9	76.0	16	
SEPTIEMBRE	13.8	23.7	18.2	10.8	26.0	79.6	16.40	14.3	225.2	17	109.8
OCTUBRE	14.7	23.2	18.2	13.0	25.2	82.3	17.12	15.0	232.3	22	
NOVIEMBRE	15.3	22.6	18.1	13.8	25.0	85.0	17.67	15.5	510.9	28	
DICIEMBRE	14.8	22.4	17.5	12.5	24.4	84.7	17.01	14.9	216.4	27	
PROMEDIO											
TOTAL									2159.7	233	

ESTACION: LA CAMPIÑA MUNICIPIO: TIMBIO AÑO: 1.988

ALTITUD: 1.850 LATITUD: 2-20 N. LONGITUD: 76-39 W.

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.6	24.2	18.6	83.2	17.69	15.5	0.0	0.0	0.0	6.6
2	13.0	26.2	19.8	76.8	17.11	15.0	0.0	0.1	0.1	9.2
3	14.5	26.0	19.2	78.1	17.19	15.1	4.1	0.0	4.1	5.5
4	15.4	26.6	20.1	80.7	18.88	16.0	1.3	0.0	1.3	6.2
5	15.0	26.5	19.5	81.6	18.32	16.1	0.0	0.0	0.0	4.9
6	16.0	23.2	19.2	80.4	17.60	15.5	0.2	0.0	0.2	4.7
7	15.6	25.0	20.0	78.8	17.87	15.7	0.0	0.0	0.0	5.9
8	15.5	25.2	19.1	78.9	17.52	15.4	4.6	0.0	4.6	6.3
9	15.4	25.0	19.1	80.7	17.88	15.7	20.0	0.0	20.0	3.9
10	14.8	24.8	19.0	81.6	17.85	15.7	0.0	22.8	22.8	4.5
11	15.4	25.0	19.6	82.3	18.88	16.6	0.4	0.7	1.1	8.8
12	15.0	24.8	18.7	83.0	17.72	15.6	0.4	3.6	4.0	7.2
13	13.5	26.0	19.0	79.9	17.30	15.2	2.3	0.0	2.3	8.6
14	15.2	23.8	19.0	82.3	18.11	15.9	0.0	1.9	1.9	4.8
15	15.3	24.0	18.4	84.2	17.90	15.7	2.2	2.9	5.1	5.8
16	15.7	20.2	17.9	88.5	18.22	16.0	1.6	0.0	1.6	0.5
17	14.0	23.4	18.2	83.6	17.57	15.5	1.9	2.9	4.8	4.4
18	14.8	24.0	18.2	83.2	17.24	15.2	2.0	0.0	2.0	3.9
19	13.4	24.5	17.9	81.5	16.62	14.6	2.0	0.0	2.0	2.1
20	12.6	24.4	18.4	81.7	16.85	14.7	9.0	0.0	9.0	4.4
21	14.4	24.0	17.8	82.7	16.90	14.8	0.3	0.1	0.4	4.3
22	14.5	22.2	18.0	85.0	17.20	15.1	0.8	0.0	0.8	1.0
23	13.2	24.0	18.7	80.4	16.73	14.7	0.0	0.0	0.0	6.5
24	14.8	23.0	19.1	81.1	17.68	15.5	0.0	16.4	16.4	5.2
25	15.0	23.8	18.6	82.3	17.65	15.5	0.0	0.0	0.0	7.7
26	11.5	25.0	19.3	75.9	16.46	14.4	0.0	0.0	0.0	7.2
27	15.4	24.0	19.8	75.8	17.10	15.1	0.0	0.0	0.0	3.7
28	15.0	24.8	19.6	80.0	17.90	15.8	0.0	4.8	4.8	6.3
29	16.0	24.2	18.5	85.4	18.20	16.0	0.7	0.0	0.7	4.3
30	14.0	22.4	17.7	91.0	18.33	16.1	4.3	0.0	4.3	3.3
31	14.0	21.4	18.0	87.9	18.18	16.0	0.0	0.0	0.0	1.7
PROM.	14.6	24.2	18.8	81.9	17.63	15.5	58.1	56.2	114.3	159.4

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	15.0	25.0	19.5	78.0	17.23	15.2	0.0	0.0	0.0	9.0
2	13.0	23.6	18.7	80.2	16.80	14.7	0.0	0.0	0.0	5.3
3	13.8	25.2	18.6	75.9	15.85	13.9	0.0	0.0	0.0	4.9
4	14.0	24.0	18.4	83.6	17.55	15.4	0.0	32.0	32.0	3.0
5	15.0	25.0	18.5	84.4	17.86	15.7	16.8	0.7	17.5	5.4
6	15.2	23.0	18.4	89.7	18.06	16.7	1.9	0.2	2.1	2.4
7	14.0	23.2	19.1	84.3	18.52	16.3	0.6	0.0	0.6	4.2
8	13.8	25.4	19.4	89.6	19.84	17.2	0.0	0.0	0.0	5.4
9	14.5	21.5	17.0	83.4	16.09	14.1	0.0	0.0	0.0	1.0
10	13.6	24.0	18.4	79.9	16.87	14.8	0.0	0.0	0.0	2.3
11	14.8	22.0	17.3	88.7	17.56	15.5	0.3	0.6	0.9	0.8
12	14.6	24.0	18.7	83.4	17.96	15.8	0.5	4.1	4.6	7.8
13	14.0	23.5	18.6	83.8	17.81	15.7	2.1	1.5	3.6	0.0
14	15.0	25.0	19.1	82.0	17.81	15.7	0.0	0.7	0.7	5.2
15	15.0	23.5	19.1	79.1	17.36	15.3	0.0	0.0	0.0	3.8
16	14.0	24.5	18.9	82.5	17.88	15.7	4.3	0.0	4.3	6.5
17	13.5	23.4	19.0	82.6	17.96	15.8	0.6	0.1	0.7	4.2
18	14.5	24.0	19.8	78.3	17.68	15.5	0.0	0.0	0.0	8.0
19	14.0	26.3	20.6	72.5	17.11	15.0	0.0	0.0	0.0	10.1
20	14.0	26.0	20.5	73.1	17.05	15.0	0.0	0.0	0.0	8.0
21	12.6	22.0	17.9	90.7	18.46	16.2	0.0	0.0	0.0	2.8
22	16.0	23.0	18.9	83.0	17.89	15.8	0.0	0.1	0.1	1.8
23	16.5	23.6	19.7	81.2	18.47	16.3	0.0	0.2	0.2	0.8
24	16.5	23.0	18.2	88.7	18.73	16.5	0.0	0.3	0.3	1.6
25	14.8	24.5	18.7	82.6	17.80	15.7	0.8	20.6	21.4	5.3
26	15.0	22.8	17.0	87.2	17.04	15.0	8.2	2.4	10.6	2.0
27	14.7	22.6	17.4	81.0	16.12	14.1	1.0	0.3	1.3	8.1
28	13.8	24.4	19.1	71.8	15.41	13.4	0.0	8.0	8.0	
29	15.0	25.0	18.4	81.8	17.49	15.4	8.1	24.3	32.4	5.1
PROM	14.5	23.9	18.7	82.2	17.56	15.4	45.2	96.1	141.3	

ESTACION: LA CAMPIÑA MUNICIPIO: TIMBIO AÑO: 1.988

ALTITUD: 1.850 LATITUD: 2-20 N. LONGITUD: 76-39 W.

M E S — MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	25.0	18.9	77.9	16.84	14.8	2.1	0.1	2.2	6.2
2	14.8	26.4	21.0	71.6	17.45	15.3	0.0	0.0	0.0	9.7
3	15.4	25.4	19.2	79.6	18.07	15.9	4.5	0.0	4.5	8.0
4	14.0	25.0	19.9	70.9	16.10	14.1	0.0	0.0	0.0	9.5
5	12.0	24.6	17.3	79.3	15.37	13.3	33.5	0.4	33.9	7.9
6	13.0	24.2	18.4	77.6	16.14	14.1	0.0	0.7	0.7	4.8
7	13.2	24.0	18.5	78.8	16.84	14.8	8.4	14.8	23.2	2.0
8	16.0	23.5	19.4	85.8	19.21	16.9	0.2	17.8	18.0	2.7
9	15.5	19.0	16.9	96.0	18.62	16.4	2.4	0.1	2.5	0.0
10	15.0	25.0	19.8	78.3	17.65	15.5	0.0	0.0	0.0	7.3
11	12.6	26.5	20.0	71.8	16.03	14.0	0.0	25.8	25.8	8.6
12	13.2	26.0	19.0	80.6	17.47	15.4	0.0	0.0	0.0	6.5
13	12.5	25.5	19.0	75.5	16.06	14.1	0.0	0.0	0.0	9.4
14	13.8	26.0	20.0	74.6	16.59	14.5	0.0	0.0	0.0	7.4
15	12.4	26.2	19.3	75.7	16.67	14.6	0.2	0.0	0.2	7.9
16	13.0	20.2	17.5	89.8	17.92	15.8	0.0	0.0	0.0	0.0
17	14.0	24.0	19.1	76.0	16.35	14.4	0.0	0.0	0.0	4.6
18	12.6	25.0	20.0	70.0	15.91	13.8	0.0	0.0	0.0	9.4
19	14.9	25.1	20.3	57.2	13.42	11.3	0.0	0.0	0.0	9.3
20	15.1	25.2	19.3	63.2	13.97	11.9	0.0	0.0	0.0	7.0
21	13.2	26.5	20.7	63.6	15.14	13.2	0.0	0.0	0.0	4.8
22	14.2	22.4	18.7	82.4	17.44	15.3	0.0	0.0	0.0	1.8
23	12.2	23.2	18.6	76.4	15.86	13.9	0.0	0.0	0.0	3.9
24	11.5	24.5	19.2	66.8	14.16	12.1	0.0	0.0	0.0	6.6
25	11.2	23.5	18.6	71.8	14.80	12.8	0.0	0.0	0.0	3.9
26	14.0	21.0	17.8	87.9	17.73	15.6	0.0	0.0	0.0	0.7
27	15.0	22.4	19.0	74.5	16.16	14.1	0.0	0.0	0.0	1.1
28	13.5	26.2	19.4	78.7	17.21	15.1	0.0	0.0	0.0	5.9
29	15.0	23.0	19.0	87.7	18.29	16.9	0.5	0.0	0.5	1.0
30	14.2	24.5	19.4	84.3	18.49	16.2	0.0	0.0	0.0	4.6
31	12.6	26.0	21.0	71.7	16.93	14.9	0.0	0.0	0.0	6.2
PROM.	13.7	24.4	19.2	76.7	16.64	14.8	51.8	59.7	111.5	168.7

M E S — ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.8	26.0	20.0	78.6	17.89	15.7	0.0	0.0	0.0	4.0
2	13.6	25.0	18.5	82.0	17.32	15.2	0.1	0.0	0.1	3.4
3	14.6	24.4	18.5	85.7	18.04	15.9	1.8	1.1	2.9	1.2
4	15.0	24.0	18.9	88.2	18.24	16.9	0.0	1.1	1.1	1.5
5	13.6	23.6	18.6	87.8	18.71	16.4	10.3	0.6	10.9	2.7
6	15.6	21.0	16.7	96.0	18.45	16.2	16.0	0.0	16.0	0.2
7	14.8	23.2	17.8	91.5	18.58	16.3	3.9	0.0	3.9	1.6
8	15.2	26.0	20.4	79.1	18.87	16.6	0.3	0.0	0.3	7.3
9	16.0	24.6	19.1	84.6	18.66	16.4	1.3	0.0	1.3	4.6
10	16.0	23.0	17.9	92.4	18.29	16.9	5.7	11.8	17.5	0.0
11	15.0	21.0	17.2	93.2	18.42	16.2	11.3	3.7	15.0	0.4
12	13.5	22.0	17.7	89.5	18.15	16.0	1.2	10.6	11.8	2.0
13	14.5	20.0	17.0	87.8	17.04	15.0	2.0	0.0	2.0	0.0
14	12.8	23.5	17.6	87.9	17.55	15.4	2.6	6.2	8.8	
15	15.2	22.3	17.6	89.8	18.23	16.0	0.9	0.6	1.5	0.8
16	13.6	24.4	17.3	82.9	16.32	14.3	0.7	0.0	0.7	1.8
17	14.0	25.2	18.7	82.0	17.65	15.6	17.3	0.0	17.3	4.5
18	12.8	23.4	18.1	84.3	17.83	15.7	0.0	0.0	0.0	4.9
19	14.5	24.5	18.5	82.8	17.41	15.3	0.0	0.2	0.2	4.7
20	16.0	23.5	18.6	86.0	18.57	16.3	14.6	1.6	16.2	2.8
21	15.5	22.0	17.8	90.3	18.69	16.4	1.3	0.0	1.3	2.5
22	15.0	24.8	18.3	84.4	18.00	15.8	9.6	0.1	9.7	5.9
23	15.0	23.0	17.5	90.7	18.12	16.0	1.2	0.0	1.2	3.4
24	13.5	24.2	17.6	89.5	18.02	15.8	7.4	0.0	7.4	3.5
25	14.0	23.0	18.5	88.4	18.97	16.7	0.0	0.0	0.0	3.8
26	15.0	21.0	17.8	93.5	19.05	16.7	1.5	0.1	1.6	2.5
27	15.0	21.5	18.2	88.2	18.42	16.2	0.0	0.0	0.0	3.0
28	13.0	25.4	20.3	73.3	16.96	14.9	0.0	0.0	0.0	7.1
29	13.5	23.0	18.3	82.2	17.00	14.9	0.0	0.0	0.0	2.6
30	14.4	22.4	17.3	90.5	17.91	15.8	3.1	0.0	3.1	1.9
PROM	14.4	23.4	18.2	86.8	18.11	15.9	114.1	37.7	151.8	

ESTACION: LA CAMPIÑA MUNICIPIO: TIMBIO AÑO: 1.988

ALTITUD: 1.850 LATITUD: 2-20 N. LONGITUD: 76-39 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	18.4	16.8	85.8	16.44	14.5	6.9	0.0	6.9	0.1
2	14.0	25.5	19.4	76.2	16.90	14.9	0.0	0.0	0.0	3.4
3	14.5	23.5	17.9	87.7	17.92	15.8	0.8	0.0	0.8	3.1
4	14.8	23.5	17.6	88.2	17.83	15.7	19.7	0.0	19.7	1.6
5	12.6	22.8	18.2	84.9	17.39	15.3	0.0	0.0	0.0	3.0
6	15.0	24.5	19.6	82.6	18.70	16.4	0.0	0.0	0.0	3.7
7	14.0	26.8	19.8	76.7	17.63	15.5	0.0	0.1	0.1	6.8
8	15.4	21.0	17.9	85.1	17.64	15.5	0.2	0.0	0.2	2.6
9	14.0	24.5	18.4	82.9	17.60	15.5	1.3	0.0	1.3	2.4
10	15.0	24.7	19.4	83.5	18.97	16.7	1.8	0.0	1.8	2.9
11	13.5	25.0	18.7	84.3	18.00	15.8	6.3	0.2	6.5	4.4
12	13.8	24.4	19.5	79.3	17.57	15.4	0.0	0.0	0.0	4.8
13	13.0	23.0	18.0	84.3	16.99	15.0	0.9	0.0	0.9	3.0
14	15.0	22.0	16.5	95.3	18.01	15.9	45.8	0.0	45.8	1.1
15	13.0	24.0	17.0	83.4	16.21	14.2	3.1	0.0	3.1	2.8
16	12.4	26.0	18.6	81.3	17.24	15.2	10.5	0.0	10.5	6.0
17	15.0	25.5	20.3	78.3	18.31	16.1	2.0	2.1	4.1	5.3
18	15.2	23.0	18.7	85.1	18.48	16.3	12.3	0.0	12.3	3.4
19	14.5	22.4	18.4	89.0	18.83	16.5	0.1	0.0	0.1	1.5
20	12.5	22.5	17.7	91.9	18.48	16.2	0.4	0.0	0.4	4.1
21	15.0	22.8	17.9	91.3	18.61	16.4	0.0	0.0	0.0	1.4
22	14.5	25.0	19.5	84.9	18.99	16.7	3.1	0.0	3.1	3.4
23	12.8	23.8	19.6	79.3	17.61	15.5	0.0	0.0	0.0	4.7
24	13.5	25.0	19.7	75.4	16.89	14.7	0.0	0.0	0.0	5.0
25	15.0	23.4	18.8	84.4	18.31	16.1	1.1	0.3	1.4	3.7
26	15.7	20.5	17.5	89.5	18.07	15.9	1.0	2.5	3.5	1.9
27	14.6	20.6	17.2	91.9	18.18	16.0	7.2	0.0	7.2	1.9
28	14.0	21.6	18.2	83.2	17.42	15.3	1.7	0.4	2.1	2.7
29	13.4	24.0	18.1	77.4	15.91	13.9	0.0	0.0	0.0	4.2
30	12.8	24.5	18.9	76.4	16.66	14.6	0.0	0.1	0.1	5.4
31	13.8	24.0	17.5	93.8	19.15	16.8	5.3	0.7	6.0	3.8
PROM.	14.1	23.5	18.4	84.3	17.77	15.6	131.5	6.4	137.9	104.1

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	13.0	23.8	18.0	83.4	17.09	15.0	3.8	0.0	3.8	3.4
2	14.0	22.0	16.4	93.7	17.53	15.4	3.3	0.0	3.3	2.0
3	12.8	24.0	17.3	90.2	17.54	15.4	0.6	0.4	1.0	3.0
4	13.5	25.0	19.7	70.8	15.74	13.8	0.0	0.0	0.0	5.8
5	14.2	24.2	19.6	61.0	13.21	11.0	2.3	0.0	2.3	4.1
6	12.6	22.6	18.5	79.2	16.60	14.6	0.0	0.0	0.0	5.0
7	13.0	25.0	19.6	74.8	16.58	14.5	0.9	0.0	0.9	7.6
8	13.2	24.4	18.4	75.0	15.53	13.6	1.4	0.0	1.4	5.2
9	15.0	23.2	19.6	72.7	16.38	14.3	0.0	0.0	0.0	3.6
10	14.5	22.4	19.9	63.7	14.69	12.6	0.0	0.0	0.0	3.4
11	13.0	22.0	18.0	72.1	14.64	12.6	0.0	0.0	0.0	5.0
12	10.2	22.6	16.6	83.3	15.47	13.5	3.3	0.0	3.3	4.8
13	11.8	23.0	18.3	79.2	16.52	14.4	1.0	0.0	1.0	5.8
14	13.0	22.2	17.0	87.9	16.83	14.8	0.0	0.0	0.0	2.8
15	13.5	26.0	19.9	77.3	17.49	15.4	9.9	0.0	9.9	6.0
16	13.0	21.8	17.1	83.5	16.43	14.4	22.9	2.6	25.5	2.1
17	13.8	22.6	17.2	84.1	16.57	14.6	0.5	5.2	5.7	2.0
18	13.4	20.2	16.5	86.1	16.14	14.2	2.0	8.1	10.1	0.7
19	12.2	20.8	15.6	81.9	14.84	12.8	1.4	0.2	1.6	2.4
20	12.0	23.6	18.8	75.4	15.74	13.7	0.0	0.0	0.0	4.0
21	15.0	23.0	18.8	81.8	17.60	15.5	5.3	0.0	5.3	2.3
22	14.8	23.8	17.5	86.4	17.75	15.6	17.7	6.6	24.3	4.3
23	14.0	23.0	16.9	88.2	17.28	15.2	2.7	0.0	2.7	3.7
24	12.6	22.0	17.2	86.4	16.94	14.9	1.9	22.3	24.2	2.5
25	14.0	20.2	16.0	86.0	15.81	13.9	12.0	0.1	12.1	1.4
26	11.0	22.0	16.5	80.3	14.67	12.7	0.0	0.0	0.0	3.3
27	11.5	24.4	18.8	83.6	17.79	15.6	0.0	0.0	0.0	6.8
28	13.5	22.8	18.0	84.8	17.70	15.6	2.9	0.0	2.9	1.8
29	13.6	23.0	18.7	79.7	16.82	14.7	0.0	0.0	0.0	4.3
30	13.0	24.5	18.4	74.8	15.19	13.0	0.2	0.0	0.2	6.1
PROM	13.2	23.0	18.0	80.2	16.30	14.2	96.0	45.5	141.5	115.2

ESTACION: LA CAMPIÑA MUNICIPIO: TIMBIO AÑO: 1.988

ALTITUD: 1.850 LATITUD: 2-20 N. LONGITUD: 76-39 W.

M E S – JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.5	22.4	17.5	83.4	16.63	14.6	1.5	0.0	1.5	2.0
2	14.0	22.1	17.0	92.5	17.86	15.7	4.5	5.4	9.9	2.8
3	13.9	21.0	16.9	85.2	16.57	14.6	0.8	8.0	8.8	1.9
4	14.0	20.4	16.6	88.2	16.81	14.8	2.0	3.5	5.5	2.0
5	13.8	19.5	16.0	90.9	16.49	14.5	2.0	10.3	12.3	0.2
6	13.5	21.5	15.6	92.1	16.66	14.6	3.0	0.0	3.0	3.9
7	12.0	21.6	17.9	79.9	16.13	14.1	0.1	0.0	0.1	7.5
8	14.0	22.0	17.4	86.7	17.31	15.2	1.5	0.0	1.5	3.4
9	13.0	23.0	18.6	65.4	13.79	11.6	0.0	0.0	0.0	5.7
10	11.8	22.5	18.6	54.1	11.78	5.4	0.0	0.0	0.0	6.8
11	12.8	24.8	19.1	58.1	12.54	10.4	0.0	0.0	0.0	7.7
12	13.5	22.8	18.3	62.4	12.92	10.6	0.0	0.0	0.0	4.6
13	11.5	23.0	17.8	55.9	11.03	8.3	0.0	0.0	0.0	10.5
14	13.0	24.8	19.8	51.8	11.57	5.1	0.0	0.0	0.0	7.8
15	14.0	24.5	19.5	52.1	11.72	5.3	0.0	0.0	0.0	9.0
16	11.5	24.2	18.2	58.2	11.65	5.2	0.0	0.0	0.0	5.0
17	11.8	24.0	18.4	70.7	14.53	12.5	0.0	0.0	0.0	7.0
18	13.0	23.2	17.9	68.7	13.97	11.9	0.0	0.0	0.0	4.6
19	13.5	23.0	17.7	64.3	12.82	10.7	0.0	0.0	0.0	4.2
20	11.5	24.5	19.5	61.0	12.89	10.7	0.0	0.0	0.0	4.8
21	17.0	23.0	19.5	66.9	15.23	13.2	0.0	0.0	0.0	3.7
22	10.8	26.0	18.7	63.3	12.49	10.2	0.0	0.0	0.0	8.1
23	11.5	25.0	18.4	65.9	13.10	10.9	0.0	0.0	0.0	7.8
24	12.5	22.0	17.7	79.1	15.68	13.6	5.5	0.0	5.5	1.8
25	13.4	23.5	17.8	82.3	16.61	14.6	0.0	0.0	0.0	2.5
26	13.5	24.5	18.6	62.3	12.57	10.2	0.0	0.0	0.0	7.9
27	10.2	24.8	18.5	68.2	13.99	11.9	0.0	0.0	0.0	8.6
28	10.0	25.4	18.9	69.9	14.09	12.1	0.0	0.0	0.0	9.6
29	12.5	25.0	17.9	77.5	15.68	13.7	0.8	0.6	1.4	5.8
30	14.5	24.5	17.4	81.7	16.48	14.5	32.1	0.0	32.1	5.3
31	13.5	23.2	17.7	81.1	16.38	14.4	0.1	0.0	0.1	4.0
PROM.	12.8	23.3	18.0	71.6	14.45	12.3	53.9	27.8	81.7	166.5

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	22.5	16.6	91.4	17.05	15.0	31.1	4.0	35.1	3.9
2	14.0	23.0	16.9	83.1	15.94	13.9	34.4	0.0	34.4	2.6
3	14.5	24.0	19.4	69.8	15.27	13.1	0.0	0.0	0.0	6.1
4	14.0	24.2	19.2	52.7	11.43	6.9	0.0	0.0	0.0	9.1
5	11.5	23.5	18.4	63.3	12.91	10.8	0.0	0.0	0.0	7.7
6	13.0	25.0	19.7	62.5	13.54	11.4	0.0	0.0	0.0	7.5
7	12.9	21.0	17.5	93.4	18.44	16.2	4.9	0.0	4.9	3.3
8	13.0	24.4	17.9	82.1	16.69	14.7	3.1	0.0	3.1	2.7
9	14.0	25.0	19.3	63.3	13.34	11.2	0.0	0.0	0.0	6.1
10	13.5	23.0	18.2	59.1	12.42	10.0	0.0	0.0	0.0	2.6
11	13.0	25.0	19.2	58.0	12.41	10.2	0.0	0.0	0.0	6.9
12	10.5	23.0	16.3	81.0	14.67	12.6	3.9	0.0	3.9	4.4
13	12.0	22.8	18.0	74.8	14.91	12.9	0.6	0.0	0.6	4.9
14	13.0	20.0	16.2	85.3	15.62	13.7	2.5	0.0	2.5	1.7
15	12.0	24.5	16.6	83.4	15.57	13.6	0.0	0.0	0.0	5.1
16	13.0	22.0	17.9	80.5	16.09	14.0	0.5	0.0	0.5	4.5
17	15.0	20.0	17.0	87.4	17.14	15.1	11.9	0.0	11.9	1.2
18	13.5	25.0	16.5	81.8	15.40	13.5	3.1	0.0	3.1	6.2
19	11.0	20.5	16.7	75.6	14.17	12.0	4.8	0.0	4.8	3.4
20	12.4	22.0	16.1	77.2	14.06	12.0	3.9	3.8	7.7	1.6
21	13.0	20.2	16.5	73.0	13.41	11.3	0.0	0.0	0.0	1.3
22	14.0	22.0	18.0	76.9	15.31	13.3	1.3	0.0	1.3	4.5
23	13.0	23.0	19.3	64.1	13.62	11.6	0.0	0.0	0.0	5.9
24	10.0	22.2	16.4	76.9	13.90	11.7	0.0	0.0	0.0	4.4
25	11.0	22.3	16.8	81.1	15.23	13.3	13.8	0.0	13.8	5.3
26	14.6	22.0	17.6	83.0	16.60	14.6	0.2	2.2	2.4	2.6
27	13.6	20.0	15.2	83.1	14.76	12.7	1.1	0.1	1.2	1.8
28	13.0	22.3	17.1	71.2	13.26	11.1	0.0	0.0	0.0	
29	10.6	21.5	17.1	80.1	15.08	13.1	0.1	0.0	0.1	2.9
30	12.6	20.6	16.4	85.5	16.18	14.2	3.6	0.1	3.7	1.0
31	13.5	19.0	15.5	90.2	15.96	14.0	1.9	0.3	2.2	0.5
PROM	12.9	22.4	17.4	76.5	14.85	12.8	126.7	10.5	137.2	

ESTACION: LA CAMPIÑA MUNICIPIO: TIMBIO AÑO: 1.988

ALTITUD: 1.850 LATITUD: 2-20 N. LONGITUD: 76-39 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.5	24.5	18.1	79.4	16.27	14.3	0.0	0.0	0.0	4.9
2	14.6	25.5	18.4	76.5	16.09	14.1	10.7	0.1	10.8	2.6
3	11.6	24.0	17.7	74.4	14.86	12.8	0.0	0.0	0.0	6.8
4	11.0	23.2	18.1	69.9	13.80	11.8	0.0	0.0	0.0	6.5
5	10.8	24.0	18.8	66.7	13.54	11.4	0.0	0.0	0.0	4.1
6	14.0	25.0	19.8	69.4	15.55	13.5	0.0	0.0	0.0	5.8
7	12.0	21.4	16.9	81.9	15.50	13.5	0.0	0.0	0.0	2.6
8	10.8	22.2	16.6	78.6	14.59	12.6	3.1	0.6	3.7	5.6
9	12.8	22.5	16.3	80.0	14.59	12.6	6.3	4.5	10.8	2.9
10	14.0	20.6	16.0	92.9	16.58	14.6	24.3	13.5	37.8	2.1
11	13.8	22.5	17.2	86.1	16.72	14.7	8.4	27.5	35.9	4.2
12	13.5	20.8	17.3	81.8	15.84	13.8	0.8	8.5	9.3	1.9
13	13.0	21.4	16.8	76.7	14.36	12.4	7.5	0.8	8.3	0.9
14	14.0	22.8	16.8	82.3	15.71	13.7	3.1	0.0	3.1	3.3
15	12.4	22.0	17.0	80.9	15.64	13.6	0.6	0.0	0.6	4.6
16	9.8	24.5	17.3	79.4	15.26	13.2	0.6	0.0	0.6	7.7
17	12.4	22.6	17.7	78.6	15.39	13.4	0.6	0.0	0.6	5.1
18	13.0	20.5	17.0	89.6	17.06	15.0	0.0	0.0	0.0	1.4
19	13.5	22.4	17.5	83.3	16.57	14.6	0.0	0.3	0.3	2.0
20	12.8	22.0	17.8	81.7	16.33	14.3	10.2	2.0	12.2	3.6
21	13.2	21.4	17.0	86.0	16.53	14.5	0.0	0.0	0.0	4.1
22	11.4	22.6	17.3	84.0	16.71	14.7	5.6	0.0	5.6	3.0
23	11.2	23.8	17.1	82.6	16.05	14.1	3.2	0.0	3.2	7.7
24	14.5	24.0	18.3	86.3	16.34	16.1	1.4	0.0	1.4	4.1
25	13.0	22.2	17.8	84.1	16.94	14.9	0.0	0.0	0.0	2.1
26	10.5	22.5	19.0	59.3	12.87	10.5	0.0	0.0	0.0	2.7
27	10.2	22.4	17.3	74.6	14.31	12.3	0.6	0.0	0.6	4.8
28	12.0	22.0	17.3	76.4	14.55	12.6	0.0	0.0	0.0	2.7
29	11.2	22.2	17.5	81.2	15.95	14.0	0.0	0.0	0.0	3.9
30	14.5	21.5	16.9	89.1	17.09	15.0	12.0	9.2	21.2	2.1
PROM.	12.5	22.6	17.5	79.8	15.65	13.6	99.0	67.0	166.0	115.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.8	22.8	16.6	84.6	16.18	14.2	7.1	19.1	26.2	2.2
2	13.4	22.6	17.0	80.6	15.39	13.4	3.1	6.5	9.6	2.7
3	13.6	23.2	17.4	84.1	16.75	14.7	2.2	4.4	6.6	2.5
4	12.0	21.4	16.5	91.8	17.07	15.0	0.5	0.0	0.5	3.8
5	14.0	21.6	16.8	88.2	17.25	15.1	0.8	2.7	3.5	1.5
6	14.1	21.8	17.7	87.8	18.01	15.8	1.6	0.0	1.6	1.4
7	13.0	20.2	17.2	91.4	17.93	15.8	0.2	0.0	0.2	2.7
8	14.0	22.5	17.5	83.0	16.57	14.6	0.0	0.0	0.0	5.2
9	14.5	21.5	18.0	82.1	16.82	14.8	0.0	0.0	0.0	2.3
10	11.8	23.2	18.3	84.0	17.27	15.2	0.0	0.0	0.0	4.7
11	12.0	21.8	17.6	82.5	16.20	14.2	0.0	0.0	0.0	3.6
12	14.8	19.5	16.4	91.4	17.06	15.0	4.6	0.0	4.6	0.8
13	12.4	22.0	17.1	84.6	16.34	14.3	2.2	33.0	35.2	2.8
14	13.0	20.0	16.3	85.9	15.91	13.9	0.0	0.0	0.0	0.1
15	13.5	22.0	16.8	84.7	16.19	14.2	0.0	0.0	0.0	3.2
16	13.6	23.4	18.0	81.7	16.70	14.7	0.0	1.3	1.3	8.7
17	13.8	23.0	17.4	84.2	16.56	14.5	0.0	11.0	11.0	5.7
18	13.2	22.2	17.2	82.1	15.84	13.9	0.2	9.8	10.0	2.1
19	12.8	24.0	16.9	80.3	15.18	13.2	6.6	6.6	13.2	8.8
20	12.6	23.8	17.9	74.7	14.71	12.7	0.0	0.0	0.0	5.5
21	13.0	23.5	18.2	79.5	16.20	14.2	0.0	0.0	0.0	3.2
22	13.6	20.6	16.9	81.1	15.48	13.5	0.3	0.0	0.3	0.1
23	12.8	23.8	18.6	70.2	14.60	12.6	0.0	0.0	0.0	8.8
24	11.8	23.0	16.4	83.5	15.59	13.6	49.2	0.0	49.2	4.4
25	12.4	22.9	16.5	84.1	15.74	13.8	1.9	0.0	1.9	2.2
26	13.0	25.0	17.1	80.4	15.58	13.6	14.1	0.0	14.1	5.3
27	13.8	22.0	16.2	93.2	17.18	15.1	7.9	0.0	7.9	2.0
28	12.0	20.0	15.8	90.1	16.11	14.1	0.8	0.0	0.8	0.2
29	11.9	22.2	16.4	84.7	16.11	14.1	33.5	0.3	33.8	3.2
30	12.0	22.5	16.5	80.6	15.09	13.1	0.4	0.0	0.4	5.7
31	13.0	22.6	16.6	85.3	16.23	14.2	29.3	3.5	32.8	3.9
PROM	13.1	22.3	17.1	83.9	16.25	14.2	166.5	98.2	264.7	109.3

ESTACION: LA CAMPIÑA MUNICIPIO: TIMBIO AÑO: 1.988

ALTITUD: 1.850 LATITUD: 2-20 N. LONGITUD: 76-39 W.

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.6	18.6	16.0	92.7	16.98	14.9	17.3	22.4	39.7	0.1
2	12.0	21.4	16.3	86.0	15.85	13.9	12.9	0.0	12.9	2.6
3	13.8	21.6	16.8	92.6	17.66	15.5	1.9	0.0	1.9	1.6
4	12.0	25.0	18.2	78.0	15.96	14.0	0.0	0.0	0.0	9.6
5	12.1	21.4	17.2	83.1	16.07	14.1	0.0	3.2	3.2	3.7
6	14.5	20.0	15.8	91.0	16.17	14.2	4.4	0.0	4.4	0.8
7	13.0	22.5	16.6	86.0	16.36	14.4	7.1	7.1	14.2	3.7
8	13.8	23.5	17.2	84.8	16.88	14.9	9.5	31.3	40.8	2.9
9	14.0	20.8	16.0	92.5	16.84	14.8	4.2	0.0	4.2	2.8
10	14.1	21.6	17.2	87.6	17.41	15.3	8.1	0.0	8.1	1.6
11	13.8	22.2	16.8	94.6	16.46	16.1	8.2	0.0	8.2	0.3
12	13.2	20.8	17.4	90.1	17.83	15.7	11.5	0.0	11.5	1.5
13	13.0	21.0	16.7	92.9	17.72	15.5	21.2	1.2	22.4	1.0
14	14.0	21.4	16.7	92.1	17.77	15.6	6.4	37.6	44.2	2.0
15	14.2	22.8	17.0	85.9	16.76	14.7	5.1	36.9	42.0	3.1
16	13.5	22.6	17.0	84.4	16.18	14.2	0.0	31.3	31.3	4.0
17	13.8	22.8	16.5	86.0	16.20	14.2	3.9	15.1	19.0	2.5
18	14.0	22.2	16.6	84.1	16.14	14.2	0.1	0.0	0.1	3.0
19	12.4	20.0	15.4	93.5	16.51	14.5	26.9	7.3	34.2	1.6
20	13.4	19.9	16.0	85.3	15.53	13.6	0.0	1.6	1.6	2.5
21	13.8	21.5	16.5	90.7	17.19	15.1	2.7	7.1	9.8	3.6
22	14.0	20.4	16.9	88.0	17.03	15.0	2.9	2.8	5.7	0.6
23	14.5	21.8	17.8	86.0	17.49	15.4	0.3	1.8	2.1	6.1
24	14.8	21.6	18.0	86.1	17.61	15.5	0.0	9.7	9.7	3.4
25	14.0	22.8	16.9	86.7	16.80	14.8	10.4	17.9	28.3	4.3
26	13.2	21.4	17.3	85.6	16.74	14.7	0.2	0.0	0.2	3.6
27	13.0	23.2	17.6	85.4	17.18	15.1	6.1	0.0	6.1	3.3
28	14.0	21.5	18.0	90.8	18.72	16.4	1.1	30.8	31.9	1.9
29	14.5	24.0	17.7	86.7	17.75	15.6	15.8	20.1	35.9	3.7
30	14.0	23.4	18.0	87.0	18.04	15.9	1.1	43.2	44.3	2.8
PROM.	13.6	21.8	16.9	87.9	16.99	14.9	189.3	328.6	517.9	84.2

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	24.0	17.6	85.4	17.52	15.4	18.2	4.2	22.4	5.1
2	14.0	23.9	17.5	83.8	16.80	14.8	0.2	10.3	10.5	4.3
3	14.4	22.8	17.8	86.1	17.50	15.4	0.6	1.3	1.9	3.3
4	14.4	22.0	17.0	90.7	17.83	15.7	24.8	36.8	61.6	1.7
5	13.5	21.4	16.4	94.8	17.86	15.7	0.0	0.0	0.0	1.6
6	14.8	23.5	18.1	86.0	17.95	15.8	2.0	0.5	2.5	5.1
7	14.4	21.6	17.1	85.8	16.95	14.9	25.2	17.1	42.3	1.4
8	14.6	19.5	16.1	92.3	17.10	15.0	19.5	2.8	22.3	0.1
9	14.0	23.8	17.4	83.7	16.76	14.7	3.1	0.0	3.1	4.5
10	12.5	24.5	17.1	82.4	16.27	14.3	5.8	0.0	5.8	5.4
11	12.4	23.4	16.5	88.5	16.77	14.7	11.0	0.0	11.0	4.1
12	11.5	24.4	18.0	88.6	16.38	16.1	9.2	0.0	9.2	6.3
13	14.5	22.6	17.6	84.4	17.13	15.1	25.4	2.6	28.0	2.8
14	15.2	20.4	16.8	87.6	16.91	14.9	2.3	0.0	2.3	0.8
15	12.5	23.8	18.1	83.1	16.82	14.8	0.2	0.0	0.2	7.4
16	15.2	23.6	18.2	86.1	17.96	15.8	16.5	21.3	37.8	3.9
17	14.8	23.0	16.8	85.6	16.79	14.7	7.3	0.8	8.1	3.3
18	13.8	21.0	16.9	91.1	17.69	15.6	17.9	0.5	18.4	1.3
19	15.0	23.5	17.5	88.0	17.97	15.8	19.8	0.0	19.8	5.3
20	12.5	24.5	18.5	88.9	18.88	16.5	0.7	2.6	3.3	8.3
21	12.4	25.2	17.4	83.0	16.26	14.2	13.7	0.2	13.9	7.9
22	15.4	24.6	17.6	86.6	17.86	15.7	8.4	0.0	8.4	5.2
23	12.4	23.8	17.6	87.9	17.73	15.6	0.0	0.0	0.0	4.5
24	14.4	23.0	17.5	84.8	17.01	15.0	35.9	1.8	37.7	4.1
25	15.4	21.0	17.8	87.0	17.75	15.6	1.1	11.8	12.9	0.1
26	14.5	22.0	17.9	85.6	17.51	15.4	0.2	0.0	0.2	2.2
27	15.0	22.4	17.3	90.9	18.04	15.9	8.1	0.1	8.2	1.7
28	14.6	21.8	17.4	86.1	17.13	15.1	0.7	0.5	1.2	1.0
29	13.0	23.8	16.8	87.5	16.95	14.8	3.2	0.0	3.2	4.4
30	14.0	21.2	17.1	94.4	18.52	16.2	3.6	0.0	3.6	2.4
31	13.5	22.8	17.6	85.2	16.98	14.9	0.0	1.9	1.9	2.8
PROM	14.0	22.9	17.4	87.2	17.41	15.3	284.6	117.1	401.7	112.3

ESTACION: LA CAMPIÑA MUNICIPIO: TIMBIO AÑO: 1.988

ALTITUD: 1.850 LATITUD: 2-20 N. LONGITUD: 76-39 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.	Dias lluvias	
ENERO	14.6	24.2	18.8	11.5	26.6	81.5	17.63	15.5	114.3	23	159.4
FEBRERO	14.5	23.9	18.7	12.6	26.3	82.2	17.56	15.4	141.3	18	
MARZO	13.7	24.4	19.2	11.2	26.5	76.7	16.64	14.5	111.5	10	168.7
ABRIL	14.4	23.4	18.2	12.8	26.0	86.8	18.11	15.9	151.8	24	
MAYO	14.1	23.5	18.4	12.4	26.8	84.3	17.77	15.6	137.9	23	104.1
JUNIO	13.2	23.0	18.0	10.2	26.0	80.2	16.30	14.2	141.5	20	115.2
JULIO	12.8	23.3	18.0	10.0	26.0	71.6	14.45	12.3	81.7	12	166.5
AGOSTO	12.9	22.4	17.4	10.0	25.0	76.5	14.85	12.8	137.2	19	
SEPTIEMBRE	12.5	22.6	17.5	9.8	25.5	79.8	15.65	13.6	166.0	18	115.8
OCTUBRE	13.1	22.3	17.1	11.8	25.0	83.5	16.25	14.2	264.7	22	109.3
NOVIEMBRE	13.6	21.8	16.9	12.0	25.0	87.5	16.99	14.9	317.9	29	84.2
DICIEMBRE	14.0	22.9	17.4	11.5	25.2	87.2	17.41	15.3	401.7	29	112.3
PROMEDIO	13.6	23.1	18.0	11.3	25.8	81.6	16.64	14.5			
TOTAL									2367.5	247	

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.988

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	14.3	31.0	21.5	65.8	15.49	12.9	0.0	0.0	0.0	
2	14.0	30.5	21.9	69.3	17.30	15.2	0.0	0.0	0.0	
3	13.5	30.5	22.2	73.2	18.70	16.4	0.0	0.0	0.0	
4	12.0	29.3	21.6	73.2	18.25	15.8	0.0	0.0	0.0	
5	13.5	30.0	22.5	75.5	19.95	17.3	0.0	0.0	0.0	
6	13.8	30.3	22.6	73.0	19.53	17.0	0.0	0.0	0.0	
7	15.0	29.5	22.8	76.8	20.42	17.7	0.0	0.0	0.0	
8	14.8	30.0	23.4	76.4	20.97	18.0	0.0	0.0	0.0	
9	14.0	30.5	23.6	73.4	19.92	17.2	0.0	0.0	0.0	
10	14.8	31.0	23.9	70.3	19.58	16.9	0.0	0.0	0.0	
11	14.0	30.2	21.8	72.7	18.24	16.0	0.0	0.0	0.0	
12	14.0	30.4	21.3	71.7	17.35	15.2	0.0	0.0	0.0	
13	12.5	30.0	21.0	71.0	16.56	14.5	0.0	0.0	0.0	
14	13.0	30.0	22.1	73.1	18.45	15.9	0.0	0.0	0.0	
15	14.0	30.5	22.7	72.8	19.15	16.8	0.0	0.0	0.0	
16	14.4	28.8	21.8	80.3	20.40	17.8	0.0	0.0	0.0	
17	14.0	29.5	22.3	71.9	18.05	15.7	0.0	0.0	0.0	
18	13.5	29.4	21.7	73.9	18.36	16.1	0.0	0.0	0.0	
19	13.8	29.0	21.6	76.9	19.34	17.0	0.0	0.0	0.0	
20	13.5	29.5	21.8	72.1	17.59	15.4	0.0	0.0	0.0	
21	13.0	30.5	21.9	69.9	17.13	15.0	0.0	0.0	0.0	
22	12.8	30.0	22.9	72.7	18.97	16.5	0.0	0.0	0.0	
23	11.8	30.0	22.4	73.7	18.50	15.7	0.0	0.0	0.0	
24	12.0	31.2	23.4	76.5	20.96	17.8	0.0	0.0	0.0	
25	13.0	30.8	21.2	69.9	16.58	14.5	0.0	0.0	0.0	
26	13.4	30.2	21.4	66.2	16.03	14.0	0.0	0.0	0.0	
27	10.8	30.6	21.2	70.1	18.93	16.3	0.0	0.0	0.0	
28	12.0	30.2	21.8	66.9	16.00	14.0	0.0	0.0	0.0	
29	12.5	30.5	22.1	71.9	17.82	15.5	0.0	0.0	0.0	
30	12.8	30.2	22.3	69.0	16.91	14.6	0.0	0.0	0.0	
31	15.8	31.0	24.0	70.3	19.62	16.9	0.0	0.0	0.0	
PROM.	13.4	30.2	22.2	72.5	18.42	16.0	0.0	0.0	0.0	

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	13.8	31.5	23.0	71.0	18.65	16.3	0.0	0.0	0.0	
2	14.0	31.4	23.0	67.0	17.78	15.6	0.0	0.0	0.0	
3	14.5	31.0	21.8	72.0	17.75	15.6	0.5	0.0	0.5	
4	14.0	30.5	21.2	74.7	17.87	15.6	0.0	0.0	0.0	
5	14.4	30.5	21.7	73.4	18.01	15.7	0.0	0.0	0.0	
6	14.8	31.5	23.9	66.8	18.35	16.0	0.0	0.0	0.0	
7	16.4	30.8	23.0	73.6	19.98	17.5	0.0	0.0	0.0	
8	15.8	31.8	23.1	72.1	19.74	17.2	0.0	0.0	0.0	
9	16.0	29.4	21.9	78.8	20.27	17.6	0.0	0.0	0.0	
10	16.5	30.6	21.6	79.5	20.61	17.9	1.0	0.0	1.0	
11	14.5	29.5	20.9	74.3	17.49	15.3	0.0	0.0	0.0	
12	14.0	29.7	22.1	74.7	19.47	16.9	0.0	0.0	0.0	
13	14.8	30.0	22.6	74.0	19.32	16.8	0.2	0.0	0.2	
14	15.0	32.0	23.6	71.5	19.67	17.0	0.0	0.0	0.0	
15	16.0	31.8	23.7	67.3	18.75	16.5	0.0	0.0	0.0	
16	15.0	31.7	23.5	69.6	19.09	16.7	0.0	0.0	0.0	
17	13.0	31.0	22.6	65.2	16.25	14.2	0.0	0.0	0.0	
18	13.5	31.8	23.3	65.1	17.05	14.6	0.0	0.0	0.0	
19	14.6	32.0	24.3	63.4	17.49	15.3	0.0	0.0	0.0	
20	14.8	32.4	24.5	65.1	17.80	15.3	0.0	0.0	0.0	
21	14.6	32.8	25.0	61.4	17.37	15.2	0.0	0.0	0.0	
22	16.8	32.0	23.7	72.3	20.47	17.8	0.0	0.0	0.0	
23	14.8	31.8	22.8	65.4	17.62	15.4	0.0	0.0	0.0	
24	16.5	30.2	23.1	70.4	19.20	16.8	0.0	0.0	0.0	
25	16.4	30.0	23.7	69.2	19.59	17.2	0.0	0.0	0.0	
26	18.0	28.5	22.7	69.8	18.89	16.6	0.0	0.0	0.0	
27	16.5	22.4	20.2	79.7	18.43	16.1	0.0	0.0	0.0	
28	17.8	27.0	22.6	75.3	20.06	17.5	0.0	0.0	0.0	
29	16.8	25.1	20.7	79.4	19.32	17.0	0.0	7.3	7.3	
PROM	15.3	30.4	22.8	71.1	18.70	16.3	1.7	7.3	9.0	

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.968

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	16.0	27.1	21.2	73.7	18.16	16.0	0.0	0.0	0.0	
2	17.3	29.1	22.7	68.4	18.21	16.0	0.0	0.0	0.0	
3	14.0	31.4	23.5	67.5	18.04	15.8	0.0	0.0	0.0	
4	14.7	30.8	23.0	68.0	17.94	15.8	0.0	0.0	0.0	
5	13.4	31.2	23.7	69.1	19.01	16.5	0.0	0.0	0.0	
6	14.0	32.6	22.9	61.2	15.62	13.7	0.0	0.0	0.0	
7	13.0	31.5	22.0	65.1	16.10	14.0	0.0	0.0	0.0	
8	13.3	30.1	21.9	69.4	17.33	15.2	0.0	0.0	0.0	
9	13.6	28.1	21.3	71.4	17.48	15.4	0.0	0.0	0.0	
10	14.8	28.8	22.3	74.2	19.13	16.7	0.0	0.0	0.0	
11	17.1	30.0	24.3	68.5	19.71	17.2	0.0	0.0	0.0	
12	17.4	31.0	24.3	69.9	20.16	17.5	0.0	0.0	0.0	
13	17.3	30.2	23.1	78.2	21.80	18.8	0.0	4.2	4.2	
14	18.0	28.0	22.0	81.9	21.63	18.7	4.7	5.4	10.1	
15	18.5	25.4	21.4	85.9	21.63	18.8	0.0	0.0	0.0	
16	16.3	30.1	22.5	74.3	19.71	17.2	0.0	0.0	0.0	
17	15.0	29.1	22.0	71.9	17.89	15.7	0.0	0.0	0.0	
18	13.5	30.0	23.2	69.0	18.26	15.9	0.0	0.0	0.0	
19	13.0	33.0	23.3	61.8	15.65	13.6	2.9	0.5	3.4	
20	13.5	33.1	24.0	65.5	17.95	15.6	0.0	0.0	0.0	
21	15.8	32.5	23.5	70.0	19.45	17.0	0.0	0.0	0.0	
22	13.1	32.0	22.0	65.8	16.85	14.6	0.0	0.0	0.0	
23	14.0	31.0	23.7	68.5	19.05	16.6	0.0	0.0	0.0	
24	13.3	31.0	23.0	68.8	17.97	15.7	0.0	0.0	0.0	
25	12.8	31.8	23.9	63.8	17.27	15.0	0.0	0.0	0.0	
26	14.5	32.0	24.3	64.4	17.61	15.5	0.0	0.0	0.0	
27	15.0	32.6	23.5	68.3	18.40	16.1	0.0	0.0	0.0	
28	15.0	31.4	23.4	70.6	19.23	16.8	0.0	0.0	0.0	
29	17.4	30.2	21.4	80.5	21.23	18.3	2.3	0.0	2.3	
30	15.0	30.0	22.3	76.8	19.99	17.4	0.0	0.0	0.0	
31	16.0	31.0	23.1	72.7	19.56	17.1	0.0	0.0	0.0	
PROM.	15.0	30.5	22.9	70.5	18.65	16.3	9.9	10.1	20.0	

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.4	31.3	23.3	69.7	18.71	16.4	0.0	0.0	0.0	
2	16.0	31.4	24.1	72.9	20.85	18.1	0.0	0.0	0.0	
3	18.0	30.0	23.7	72.1	20.26	17.6	0.0	0.0	0.0	
4	15.5	30.0	23.0	73.5	19.91	17.4	5.7	0.0	5.7	
5	16.8	31.3	24.0	72.8	20.82	18.1	13.4	1.5	14.9	
6	17.3	28.4	22.0	72.7	19.12	16.8	0.0	0.0	0.0	
7	17.5	25.8	21.5	83.0	20.94	18.2	0.0	0.0	0.0	
8	17.5	27.4	21.0	83.4	20.96	18.2	1.3	1.5	2.8	
9	17.0	23.8	20.7	83.9	20.03	17.5	0.0	0.0	0.0	
10	20.0	25.4	22.1	80.6	21.13	18.3	4.9	0.0	4.9	
11	17.0	25.0	20.8	85.3	21.05	18.3	0.0	0.0	0.0	
12	17.3	25.6	20.4	82.8	20.00	17.5	0.0	0.0	0.0	
13	16.7	25.4	20.0	85.5	20.26	17.7	18.9	3.5	22.4	
14	16.3	25.8	20.8	81.8	19.93	17.4	14.1	0.0	14.1	
15	17.4	26.3	21.1	82.9	20.70	18.0	4.9	0.1	5.0	
16	15.4	26.8	20.9	79.5	19.22	16.8	0.0	0.0	0.0	
17	16.3	27.6	22.0	77.0	19.59	17.1	0.0	0.0	0.0	
18	15.5	28.8	22.3	76.8	20.26	17.6	0.0	0.0	0.0	
19	18.1	28.8	23.1	75.0	20.85	18.1	0.5	0.0	0.5	
20	17.0	28.8	22.8	77.2	21.16	18.3	0.0	0.0	0.0	
21	17.4	27.3	21.8	79.4	20.55	17.9	0.0	0.0	0.0	
22	17.0	28.0	22.3	79.0	21.07	18.2	0.0	0.0	0.0	
23	15.4	29.0	22.3	74.9	19.57	17.1	0.0	0.0	0.0	
24	15.6	29.0	22.5	78.2	20.61	17.9	0.0	0.0	0.0	
25	15.0	29.5	22.0	74.7	19.09	16.7	0.0	0.0	0.0	
26	16.8	30.0	22.7	75.2	20.39	17.8	0.5	0.0	0.5	5.7
27	18.0	28.7	22.3	79.6	21.67	18.8	18.3	1.9	20.2	6.8
28	17.4	26.3	21.9	81.1	21.04	18.2	3.1	0.1	3.2	6.5
29	16.6	28.2	21.8	79.4	20.67	18.0	0.1	0.0	0.1	6.4
30	17.4	26.4	21.8	79.2	20.38	17.7	0.0	23.7	23.7	
PROM	16.8	27.9	22.0	78.3	20.36	17.7	85.7	32.3	118.0	

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.988

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

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.4	27.3	22.1	82.5	21.79	18.8	2.7	0.0	2.7	
2	18.0	26.6	20.4	76.7	18.13	15.9	3.6	1.5	5.1	3.2
3	16.5	27.0	21.4	80.4	20.81	18.1	4.2	0.2	4.4	3.8
4	17.0	26.3	21.4	76.9	19.86	17.4	7.4	0.3	7.7	4.3
5	16.5	26.2	20.8	79.9	19.72	17.3	11.6	0.0	11.6	6.3
6	16.8	25.8	21.3	80.1	19.97	17.5	0.0	0.0	0.0	9.3
7	17.4	28.8	23.2	74.8	20.63	17.9	0.0	0.0	0.0	7.1
8	18.0	28.8	22.7	81.2	22.20	19.2	0.0	0.0	0.0	
9	17.4	28.5	21.9	76.3	20.16	17.6	0.2	0.5	0.7	4.8
10	17.4	28.7	22.6	74.7	20.43	17.8	9.0	0.0	9.0	
11	17.5	28.1	22.0	77.5	20.36	17.8	9.7	1.1	10.8	7.8
12	17.6	26.3	18.9	81.1	18.80	16.4	0.0	0.0	0.0	5.4
13	18.0	27.1	20.8	79.2	19.83	17.4	57.5	0.9	58.4	7.6
14	17.0	26.3	21.3	79.4	19.95	17.5	0.0	3.3	3.3	5.5
15	18.5	26.9	21.3	83.2	21.25	18.4	0.0	0.0	0.0	
16	16.3	27.3	22.2	79.1	21.14	18.3	0.0	0.0	0.0	8.0
17	17.0	28.6	21.7	76.7	20.16	17.6	22.7	0.4	23.1	6.3
18	17.4	26.3	21.9	79.4	20.84	18.1	0.0	4.1	4.1	3.3
19	18.6	25.0	21.4	82.0	20.86	18.2	13.0	9.9	22.9	2.1
20	16.8	26.1	21.9	78.9	20.50	17.9	0.0	0.0	0.0	6.9
21	18.8	28.3	23.3	77.5	21.88	18.9	0.0	0.0	0.0	7.4
22	17.1	28.8	23.7	79.7	23.13	19.6	0.0	0.0	0.0	6.7
23	17.2	28.0	22.7	78.8	21.34	18.4	0.0	0.0	0.0	4.8
24	17.6	29.1	23.7	75.0	21.66	18.7	0.0	0.0	0.0	8.6
25	17.3	30.0	23.4	73.0	20.61	18.0	0.0	0.0	0.0	7.1
26	17.3	26.2	21.4	77.1	19.42	17.0	0.0	0.0	0.0	2.4
27	15.1	28.0	22.2	75.6	19.99	17.4	0.0	0.0	0.0	6.9
28	18.8	28.0	21.8	76.2	20.36	17.8	11.5	8.8	20.3	6.8
29	17.4	25.6	21.3	81.3	20.50	17.9	0.4	0.0	0.4	4.9
30	16.4	28.0	21.4	79.2	20.16	17.5	0.0	0.0	0.0	6.5
31	19.0	28.3	22.7	76.9	21.39	18.6	0.1	8.7	8.8	7.5
PROM.	17.4	27.4	21.9	78.4	20.57	17.9	153.6	39.7	193.3	

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.2	21.2	79.1	19.72	17.3	0.0	0.4	0.4	7.7
2	17.6	26.8	21.3	80.0	20.35	17.8	2.7	0.0	2.7	3.6
3	18.4	25.6	20.8	77.6	19.01	16.7	0.0	0.0	0.0	
4	16.0	27.4	22.0	80.5	21.00	18.1	0.0	23.1	23.1	
5	17.0	26.0	21.9	77.2	19.94	17.4	1.2	15.4	16.6	
6	18.0	29.3	23.7	74.7	21.34	18.5	0.0	0.0	0.0	9.8
7	16.8	27.3	22.0	77.3	20.30	17.7	0.0	0.0	0.0	8.3
8	16.1	28.8	22.5	77.3	20.97	18.2	20.2	31.2	51.4	
9	16.1	29.4	23.0	77.3	21.29	18.4	0.0	0.0	0.0	
10	19.0	27.3	22.4	74.9	19.99	17.5	0.0	0.0	0.0	5.9
11	18.0	25.5	20.6	85.1	21.01	18.2	0.0	0.0	0.0	
12	18.0	25.0	20.8	82.6	20.85	18.1	3.7	0.0	3.7	0.7
13	18.0	26.0	21.1	83.3	21.23	18.4	22.9	0.0	22.9	3.3
14	17.0	25.0	19.6	83.0	19.31	16.9	28.9	0.0	28.9	6.0
15	16.2	26.0	20.2	81.1	19.27	16.9	17.4	0.0	17.4	5.8
16	14.5	25.0	19.5	82.6	18.85	16.5	7.1	11.0	18.1	4.9
17	17.0	24.5	20.8	81.0	19.79	17.3	0.0	9.8	9.8	5.9
18	18.5	24.0	20.1	83.5	19.63	17.2	1.2	0.0	1.2	0.8
19	18.0	24.1	20.6	82.0	19.64	17.2	0.0	18.6	18.6	1.0
20	17.4	24.0	20.4	83.9	20.14	17.6	0.0	0.0	0.0	2.8
21	16.0	26.1	22.0	81.6	21.51	18.6	0.0	0.0	0.0	5.7
22	17.8	25.0	20.9	77.2	19.18	16.9	0.0	0.0	0.0	8.6
23	17.0	29.0	21.5	76.9	19.72	17.3	1.2	0.3	1.5	7.8
24	18.4	26.5	20.7	79.1	19.73	17.3	9.0	0.0	9.0	9.0
25	18.6	23.1	19.8	81.7	18.95	16.7	66.0	5.5	71.5	0.8
26	17.0	26.5	20.7	82.6	20.17	17.6	4.4	2.6	7.0	7.2
27	17.0	25.0	21.3	79.6	19.84	17.3	0.0	0.0	0.0	6.2
28	17.4	26.2	21.6	79.5	20.43	17.8	0.0	0.0	0.0	5.7
29	18.0	26.6	21.4	77.5	19.98	17.5	0.0	3.0	3.0	4.5
30	17.3	26.0	21.5	78.4	20.18	17.6	0.0	11.0	11.0	6.6
PROM	17.3	26.1	21.2	79.9	20.11	17.6	185.9	131.9	317.8	

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.968

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	24.8	20.7	79.9	19.56	17.2	0.0	0.0	0.0	2.2
2	17.0	25.0	20.9	82.5	20.33	17.7	0.0	0.0	0.0	6.7
3	18.5	26.0	21.4	78.7	20.40	17.8	0.0	8.0	8.0	1.1
4	16.5	25.4	21.6	78.1	19.85	17.4	0.0	0.0	0.0	6.7
5	16.8	25.2	21.0	78.5	19.17	16.8	0.0	0.0	0.0	2.3
6	18.0	26.0	20.4	77.1	18.85	16.6	0.0	0.0	0.0	3.3
7	18.2	25.5	21.0	79.7	19.98	17.5	0.0	0.0	0.0	4.6
8	18.0	25.0	21.1	78.5	19.47	17.1	0.0	0.0	0.0	3.3
9	17.8	27.5	21.6	77.2	20.03	17.6	0.0	0.0	0.0	3.4
10	18.0	26.4	21.2	81.6	20.58	17.9	0.0	42.0	42.0	6.2
11	17.8	25.5	21.5	78.9	20.02	17.5	0.0	0.0	0.0	4.8
12	16.7	25.2	21.0	80.8	19.80	17.3	0.2	0.0	0.2	4.1
13	18.0	26.0	19.9	82.5	19.71	17.3	52.2	0.0	52.2	4.7
14	17.0	25.4	21.1	81.0	20.22	17.6	0.0	0.0	0.0	6.7
15	15.7	28.0	22.4	75.0	19.68	17.2	0.0	0.2	0.2	7.8
16	16.0	28.2	22.4	75.9	20.02	17.5	0.0	0.0	0.0	
17	17.0	27.5	22.4	75.8	19.88	17.3	0.0	0.0	0.0	
18	16.5	27.0	21.8	76.7	19.77	17.3	0.0	0.0	0.0	
19	17.2	26.0	22.8	76.9	20.75	18.1	0.0	0.0	0.0	0.7
20	16.0	28.8	24.2	64.2	17.96	15.8	0.0	0.0	0.0	9.9
21	16.8	28.0	22.2	75.0	19.68	17.2	0.0	0.0	0.0	6.4
22	16.0	27.8	22.8	73.5	20.22	17.7	0.0	0.0	0.0	8.4
23	18.0	28.2	22.8	74.1	20.18	17.6	0.0	0.0	0.0	9.8
24	17.2	28.0	22.9	71.6	19.65	17.2	3.3	0.0	3.3	5.3
25	16.8	27.5	21.5	79.5	20.09	17.5	0.0	0.0	0.0	3.1
26	16.4	26.5	21.7	77.4	19.70	17.2	0.0	1.1	1.1	3.5
27	18.0	27.0	22.4	79.8	21.43	18.6	0.0	0.0	0.0	8.9
28	16.0	28.8	22.6	74.0	19.24	16.9	0.0	0.0	0.0	7.8
29	15.8	30.6	22.9	70.1	18.56	16.3	0.0	41.7	41.7	7.3
30	18.0	25.5	21.7	81.8	20.81	18.1	10.2	1.5	11.7	7.2
31	17.4	26.2	21.1	83.8	20.74	18.1	0.4	0.0	0.4	5.7
PROM.	17.1	26.7	21.8	77.4	19.88	17.4	66.3	94.5	160.8	

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	18.4	26.4	21.6	78.9	20.20	17.6	4.3	0.0	4.3	4.9
2	17.6	23.5	20.4	84.4	20.22	17.6	0.0	0.2	0.2	0.9
3	18.8	25.3	22.0	81.5	21.43	18.6	0.4	0.0	0.4	0.4
4	17.0	27.8	21.8	77.3	20.17	17.6	0.0	0.0	0.0	7.0
5	17.4	25.4	20.8	81.6	20.15	17.6	0.9	0.0	0.9	3.4
6	16.4	27.8	21.3	83.0	21.34	18.5	6.4	0.0	6.4	6.0
7	16.3	28.4	21.1	80.2	20.36	17.8	59.4	12.4	71.8	5.8
8	16.2	23.8	20.7	82.7	20.01	17.4	6.1	22.3	28.4	3.7
9	17.8	26.8	20.7	80.0	19.88	17.4	47.7	33.6	81.3	4.6
10	17.4	24.8	21.1	82.5	20.71	18.0	3.1	0.9	4.0	6.8
11	17.6	23.0	20.1	81.9	19.29	16.9	26.3	0.0	26.3	0.3
12	16.0	27.0	21.1	80.5	19.75	17.2	0.1	0.0	0.1	6.9
13	17.2	26.9	22.6	80.3	21.87	18.9	1.6	0.0	1.6	6.2
14	18.4	27.6	21.9	80.1	21.25	18.5	4.5	1.4	5.9	6.3
15	17.5	25.8	20.9	81.1	19.86	17.3	0.0	0.0	0.0	4.9
16	19.0	26.0	20.1	81.1	19.57	17.2	2.9	0.0	2.9	
17	17.0	22.0	19.7	84.1	19.40	17.1	38.9	16.4	55.3	1.5
18	17.4	24.0	20.6	83.3	20.24	17.7	0.0	0.0	0.0	5.6
19	16.4	27.0	21.0	81.0	20.53	17.9	0.0	0.0	0.0	4.3
20	17.2	25.4	21.7	81.0	20.78	18.1	0.0	0.5	0.5	6.5
21	19.2	22.6	19.3	85.1	19.68	17.2	0.0	0.0	0.0	0.8
22	15.8	23.0	19.5	86.5	19.67	17.2	0.0	0.2	0.2	0.6
23	16.0	26.4	21.2	79.6	19.77	17.3	0.0	0.0	0.0	
24	16.8	25.2	21.3	85.1	21.51	18.6	0.2	0.0	0.2	
25	17.2	23.0	19.9	89.8	21.14	18.3	19.1	0.0	19.1	2.3
26	16.9	23.6	19.9	89.6	21.11	18.3	19.3	0.0	19.3	3.2
27	16.0	23.8	20.3	87.3	20.44	17.7	0.0	0.0	0.0	3.9
28	18.9	26.4	21.1	82.8	20.82	18.2	0.0	78.0	78.0	6.5
29	15.8	26.0	21.1	86.1	21.13	18.3	11.9	0.3	12.2	2.3
30	15.6	22.4	19.0	85.5	18.75	16.5	28.0	15.3	43.3	2.0
31	17.2	21.2	18.8	86.0	18.43	16.2	6.0	0.0	6.0	
PROM	17.2	25.1	20.7	82.9	20.31	17.7	287.1	181.5	468.6	

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.988

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

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	24.8	20.6	85.1	20.64	17.9	2.2	5.2	7.4	2.4
2	16.0	26.2	21.0	81.7	20.13	17.6	0.0	13.2	13.2	8.4
3	17.8	25.4	21.4	84.3	21.60	18.7	0.0	0.0	0.0	4.2
4	17.6	27.3	21.3	78.5	19.86	17.4	0.0	17.5	17.5	7.9
5	17.4	23.8	20.3	77.9	18.22	15.9	4.6	1.8	6.4	3.4
6	17.8	24.4	20.6	82.4	20.22	17.7	25.0	0.0	25.0	3.5
7	17.6	24.0	20.2	82.0	19.52	17.1	5.7	0.0	5.7	2.2
8	16.8	23.0	19.3	86.7	19.46	17.0	34.0	0.0	34.0	4.7
9	15.8	25.9	20.0	83.7	19.83	17.2	21.0	0.0	21.0	6.0
10	17.8	23.2	19.8	83.9	19.64	17.2	13.9	0.3	14.2	4.1
11	17.7	24.0	20.1	79.7	18.91	16.6	0.9	0.2	1.1	1.9
12	17.0	27.4	21.7	77.2	19.80	17.3	1.5	25.8	27.3	6.1
13	17.9	22.8	19.6	86.0	19.80	17.3	0.0	0.0	0.0	0.0
14	17.3	26.4	19.9	82.5	19.71	17.2	4.4	0.0	4.4	5.1
15	17.0	25.8	21.6	86.1	22.12	19.0	0.0	0.0	0.0	6.5
16	16.0	26.8	20.2	80.4	19.11	16.8	13.5	0.0	13.5	7.6
17	16.9	24.8	19.9	84.1	19.99	17.5	11.6	0.0	11.6	2.8
18	15.6	23.4	19.3	85.7	19.27	16.9	5.1	6.4	11.5	4.2
19	16.0	24.0	20.3	76.0	17.79	15.6	0.4	1.9	2.3	1.7
20	16.8	26.4	21.0	79.4	19.66	17.2	0.0	8.2	8.2	8.9
21	17.0	25.2	20.6	81.3	19.84	17.3	0.0	4.9	4.9	5.1
22	16.9	24.6	21.1	81.1	19.93	17.4	0.0	0.0	0.0	4.7
23	18.0	25.0	21.2	81.8	20.72	18.1	0.0	0.0	0.0	3.6
24	16.8	26.4	21.0	79.6	19.84	17.3	0.0	0.0	0.0	6.7
25	16.5	26.0	20.7	79.7	19.51	17.1	0.0	1.0	1.0	8.8
26	16.7	23.2	20.7	78.9	18.83	16.5	0.0	4.0	4.0	2.2
27	17.8	26.5	21.1	79.7	20.10	17.6	20.4	0.0	20.4	4.1
28	15.8	24.8	21.0	78.2	18.95	16.6	0.0	0.0	0.0	9.0
29	16.0	26.4	21.6	79.3	20.19	17.6	0.0	20.0	20.0	8.7
30	18.0	26.2	20.4	84.3	20.30	17.8	0.0	0.0	0.0	
PROM.	16.9	25.1	20.6	81.6	19.78	17.3	164.2	110.4	274.6	

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	25.5	20.5	81.3	19.74	17.3	21.8	0.0	21.8	
2	15.5	25.6	20.3	81.1	19.21	16.8	0.0	27.0	27.0	7.4
3	16.2	27.0	21.1	79.3	19.69	17.2	5.1	0.0	5.1	2.8
4	17.6	27.8	22.6	76.6	20.78	18.1	0.0	1.0	1.0	5.6
5	17.4	28.0	21.0	79.4	19.99	17.5	44.6	0.9	45.5	5.3
6	15.8	26.0	21.6	82.4	21.01	18.2	0.0	26.7	26.7	
7	16.5	27.5	21.4	78.4	20.01	17.5	30.8	0.1	30.9	
8	15.8	27.0	20.3	79.4	19.09	16.8	5.6	0.0	5.6	
9	17.2	27.2	21.4	76.4	19.38	17.0	0.0	0.0	0.0	
10	16.8	28.2	21.5	76.2	19.51	17.1	0.6	0.0	0.6	5.9
11	17.6	26.0	20.8	79.0	19.33	16.9	17.1	0.0	17.1	2.8
12	17.4	24.0	20.6	85.1	20.72	18.0	19.7	4.8	24.5	3.0
13	17.0	25.0	18.9	81.5	17.79	15.6	6.3	0.0	6.3	3.1
14	14.9	25.2	19.8	84.3	19.33	16.9	12.4	18.9	31.3	3.2
15	17.2	24.0	19.6	84.8	19.58	17.2	35.5	0.5	36.0	2.1
16	17.4	24.5	20.4	83.7	19.94	17.4	4.3	5.0	9.3	5.8
17	17.6	21.4	19.5	85.8	19.46	17.1	0.0	40.0	40.0	0.0
18	17.8	24.6	20.6	85.1	20.84	18.1	0.4	2.0	2.4	5.5
19	17.5	24.4	21.0	80.5	19.74	17.2	0.0	0.0	0.0	
20	17.8	27.2	22.2	82.2	21.97	19.0	0.0	0.0	0.0	8.6
21	16.8	27.4	21.6	81.1	20.78	18.1	7.8	6.9	14.7	0.0
22	16.0	26.2	20.6	82.4	20.15	17.5	0.0	0.0	0.0	6.3
23	16.2	28.0	21.9	77.9	20.08	17.5	0.0	0.0	0.0	6.5
24	16.4	28.4	21.3	80.2	20.33	17.7	31.9	0.0	31.9	6.5
25	16.8	25.4	21.0	81.6	20.25	17.7	0.4	12.7	13.1	5.8
26	18.0	25.0	20.8	82.3	20.25	17.7	15.3	0.8	16.1	6.4
27	16.2	27.0	21.6	83.0	21.56	18.7	35.0	0.0	35.0	8.0
28	16.4	26.2	21.9	83.5	21.86	18.9	0.7	2.2	2.9	8.4
29	16.2	27.0	21.3	79.9	20.20	17.7	1.9	8.7	10.6	6.8
30	17.0	26.2	20.9	83.0	20.78	18.1	7.8	0.0	7.8	0.6
31	16.8	27.5	21.7	82.5	21.67	18.8	38.0	0.0	38.0	6.6
PROM	16.8	26.1	21.0	81.3	20.16	17.6	343.0	158.2	501.2	

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.988

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	17.4	27.0	21.8	80.9	21.11	18.3	20.9	17.1	38.0	4.8
2	18.8	24.5	21.1	86.3	21.79	18.9	0.0	0.0	0.0	4.3
3	17.5	25.0	21.2	83.8	20.88	18.2	0.0	8.5	8.5	
4	16.0	28.0	21.4	82.0	21.48	18.6	0.0	0.0	0.0	6.3
5	15.8	27.5	21.0	84.7	21.04	18.3	7.3	0.0	7.3	5.7
6	18.0	25.4	21.4	82.8	21.00	18.3	0.6	0.0	0.6	2.9
7	15.7	28.0	22.1	81.7	21.29	18.5	0.0	8.0	8.0	6.3
8	15.8	27.0	21.1	80.5	19.70	17.2	0.0	0.0	0.0	5.3
9	16.0	27.4	21.2	78.6	19.75	17.2	8.4	6.9	15.3	5.5
10	15.8	24.8	20.7	79.3	18.94	16.6	0.0	9.2	9.2	0.4
11	17.8	27.2	21.2	76.2	19.33	16.9	6.1	0.4	6.5	5.1
12	16.8	25.6	20.4	79.9	18.94	16.6	4.2	0.0	4.2	2.4
13	16.0	24.6	20.6	79.5	18.86	16.5	3.5	0.2	3.7	2.2
14	18.0	25.5	21.5	80.4	20.40	17.8	0.0	0.0	0.0	0.5
15	17.4	24.4	21.5	86.2	21.77	18.8	0.3	8.7	9.0	0.8
16	16.0	26.2	20.8	83.8	20.41	17.8	4.0	12.6	16.6	5.5
17	17.8	24.2	20.5	84.1	20.22	17.7	1.6	0.0	1.6	1.8
18	15.2	25.4	21.0	80.6	19.64	17.2	0.0	0.8	0.8	5.6
19	16.9	26.2	20.7	81.5	19.92	17.4	21.0	0.0	21.0	3.7
20	17.0	22.2	19.7	83.5	18.88	16.5	1.1	8.5	9.6	0.6
21	18.0	24.6	21.2	82.6	21.09	18.3	1.2	0.0	1.2	5.6
22	16.2	25.0	20.1	82.7	19.31	16.9	9.0	14.0	23.0	
23	16.0	25.6	20.8	81.8	20.16	17.6	0.0	0.0	0.0	6.9
24	14.8	26.2	20.6	83.7	19.94	17.4	0.0	0.0	0.0	6.1
25	15.9	27.0	20.7	80.1	19.47	17.1	0.0	34.0	34.0	7.7
26	15.4	26.4	20.9	78.4	19.09	16.8	0.0	0.0	0.0	
27	16.0	26.6	20.7	78.1	18.95	16.6	0.0	0.0	0.0	6.8
28	15.0	27.6	20.8	79.8	19.56	17.1	0.0	0.0	0.0	7.7
29	15.4	27.2	20.7	78.0	18.99	16.7	0.0	0.0	0.0	8.1
30	15.0	27.0	21.0	81.3	20.09	17.5	0.0	0.0	0.0	0.4
PROM.	16.4	26.0	20.9	81.4	20.07	17.5	89.2	128.9	218.1	

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.9	26.5	20.7	80.9	19.75	17.3	0.0	0.0	0.0	8.7
2	15.0	27.0	20.8	81.6	19.87	17.3	0.0	18.0	18.0	7.2
3	17.0	25.4	20.2	79.0	18.77	16.5	0.0	0.0	0.0	6.5
4	14.0	26.2	20.1	78.1	18.02	15.7	0.0	0.0	0.0	9.1
5	15.0	26.7	20.3	74.8	17.57	15.5	0.0	0.0	0.0	7.5
6	14.6	26.3	19.2	81.5	18.00	15.8	0.0	0.0	0.0	8.8
7	12.8	26.8	19.3	78.7	17.35	15.2	0.0	0.0	0.0	8.2
8	16.8	25.4	19.6	81.1	18.98	16.6	0.0	0.0	0.0	3.2
9	13.0	26.8	18.6	75.5	15.86	13.9	0.0	0.0	0.0	9.0
10	13.8	26.2	20.4	80.6	19.04	16.7	0.0	0.0	0.0	7.2
11	15.0	27.3	20.8	78.5	19.09	16.8	0.0	0.0	0.0	9.5
12	12.8	28.2	20.9	76.0	17.99	15.7	0.0	0.0	0.0	8.5
13	15.7	26.2	20.7	81.2	19.65	17.2	0.0	0.0	0.0	7.1
14	15.2	27.2	19.7	82.0	18.89	16.6	0.0	0.0	0.0	3.9
15	14.7	28.2	20.9	78.7	19.45	17.0	0.0	0.0	0.0	10.1
16	13.0	27.4	20.2	75.5	17.25	15.1	0.0	0.0	0.0	9.8
17	13.5	28.2	20.3	78.4	18.36	16.1	4.0	0.0	4.0	6.6
18	14.0	27.0	20.0	78.6	18.31	16.1	0.0	0.0	0.0	9.8
19	13.0	28.2	20.5	76.3	17.98	15.7	0.0	0.0	0.0	9.9
20	13.4	27.8	20.7	73.1	16.75	14.4	0.0	0.0	0.0	9.3
21	12.4	28.7	20.4	73.8	17.04	14.9	0.0	15.3	15.3	8.9
22	13.2	27.2	19.9	80.0	18.32	16.0	10.1	0.0	10.1	7.3
23	15.0	27.0	20.4	78.9	18.56	16.3	0.0	0.0	0.0	7.5
24	13.5	27.2	20.4	80.0	18.85	16.5	0.0	0.0	0.0	7.3
25	13.4	27.5	20.0	79.4	18.33	16.1	0.0	0.0	0.0	7.4
26	13.8	26.9	19.6	79.9	18.17	16.0	0.0	0.0	0.0	7.0
27	13.6	27.0	19.9	80.9	18.70	16.4	0.0	0.0	0.0	8.2
28	14.0	27.8	20.6	78.0	18.50	16.2	0.0	3.0	3.0	7.2
29	16.8	25.9	20.2	82.0	19.36	17.0	0.0	5.2	5.2	3.0
30	17.6	26.0	20.4	79.0	18.87	16.6	0.0	0.0	0.0	7.8
31	16.6	24.5	20.3	79.9	18.66	16.4	0.0	0.0	0.0	2.1
PROM	14.4	26.9	20.2	78.8	18.40	16.1	14.1	41.5	55.6	233.6

ESTACION: PUEBLO BELLO MUNICIPIO: PUEBLO BELLO AÑO: 1.988

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	13.4	30.2	22.2	10.8	31.2	72.5	18.42	16.0	0.0	0	
FEBRERO	15.3	30.4	22.8	13.0	32.8	71.1	18.70	16.3	9.0	4	
MARZO	15.0	30.5	22.9	12.8	33.1	70.5	18.65	16.3	20.0	4	
ABRIL	16.8	27.9	22.0	14.4	31.4	78.3	20.36	17.7	118.0	13	
MAYO	17.4	27.4	21.9	15.1	30.0	78.4	20.57	17.9	193.3	16	
JUNIO	17.3	26.1	21.2	14.5	29.4	79.9	20.11	17.6	317.8	19	
JULIO	17.1	26.7	21.8	15.7	30.6	77.4	19.88	17.4	160.8	10	
AGOSTO	17.2	25.1	20.7	15.6	28.4	82.9	20.31	17.7	468.6	24	
SEPTIEMBRE	16.9	25.1	20.6	15.4	27.4	81.6	19.78	17.3	274.6	22	
OCTUBRE	16.8	26.1	21.0	14.9	28.4	81.3	20.16	17.6	501.2	26	
NOVIEMBRE	16.4	26.0	20.9	14.8	28.0	81.4	20.07	17.5	218.1	19	
DICIEMBRE	14.4	26.9	20.2	12.4	28.7	78.8	18.40	16.1	55.6	6	233.6
PROMEDIO	16.2	27.4	21.5	14.1	30.0	77.8	19.62	17.1			
TOTAL									2337.0	163	

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.988

ALTITUD: 1.340 LATITUD: 5-28 N. LONGITUD: 74-22 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	25.9	20.5	84.5	20.79	18.1	0.0	0.0	0.0	6.7
2	18.0	24.8	21.0	85.0	21.28	18.5	0.0	14.9	14.9	5.9
3	16.4	25.0	20.6	81.0	19.64	17.2	0.0	0.0	0.0	9.4
4	17.5	25.0	21.3	83.6	21.08	18.3	0.0	0.0	0.0	4.4
5	18.0	26.0	21.4	83.5	21.40	18.6	0.0	1.4	1.4	4.4
6	18.2	25.2	21.0	85.4	20.96	18.2	0.1	1.5	1.6	3.9
7	18.0	25.0	20.6	87.7	21.32	18.5	0.8	12.8	13.6	3.8
8	18.0	24.6	21.3	88.3	22.25	19.2	0.0	0.1	0.1	4.9
9	18.5	24.0	21.0	88.2	22.13	19.1	0.0	0.0	0.0	4.0
10	18.0	24.4	20.7	85.5	20.91	18.2	0.0	0.0	0.0	6.6
11	18.0	24.3	20.9	86.0	21.14	18.4	0.0	0.0	0.0	5.3
12	18.0	24.4	20.6	85.5	20.70	18.0	0.0	0.0	0.0	7.3
13	17.6	23.5	20.1	83.8	19.75	17.3	0.0	0.0	0.0	7.4
14	17.5	24.3	20.6	83.9	20.27	17.7	0.2	1.0	1.2	6.5
15	17.8	24.5	20.2	87.4	20.71	18.1	0.0	11.3	11.3	4.2
16	15.0	22.5	18.7	86.2	18.62	16.4	0.1	0.0	0.1	4.2
17	16.5	23.0	19.9	88.3	20.38	17.8	0.0	4.0	4.0	0.6
18	17.0	23.5	20.0	86.0	19.95	17.4	0.0	2.2	2.2	3.3
19	17.3	24.5	20.4	83.0	19.67	17.2	0.5	2.7	3.2	5.3
20	16.6	24.3	20.4	82.9	19.56	17.1	0.0	0.0	0.0	5.0
21	17.0	24.0	20.4	84.6	20.19	17.7	0.0	0.0	0.0	4.6
22	17.5	24.0	20.5	82.0	19.61	17.2	0.0	0.0	0.0	6.7
23	17.0	25.2	21.3	79.5	19.90	17.4	0.0	0.0	0.0	4.7
24	16.5	25.0	20.5	82.0	19.71	17.3	0.0	0.0	0.0	4.8
25	17.0	24.0	20.3	81.0	19.22	16.9	0.0	0.0	0.0	6.1
26	17.5	23.3	20.0	79.5	18.62	16.3	0.0	0.0	0.0	5.7
27	16.5	25.1	20.5	81.8	19.50	17.1	0.0	0.4	0.4	1.3
28	16.3	25.0	20.0	86.8	20.08	17.6	0.0	18.4	18.4	5.1
29	15.0	23.5	19.3	87.9	19.52	17.1	0.0	20.9	20.9	1.0
30	16.0	24.2	20.1	86.7	20.28	17.7	27.2	0.0	27.2	4.1
31	17.0	25.5	21.0	82.9	20.48	17.9	0.0	0.3	0.3	5.2
PROM.	17.2	24.4	20.5	84.5	20.31	17.7	28.9	91.9	120.8	152.4

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	17.5	27.5	22.3	84.9	22.63	19.4	0.0	7.6	7.6	7.6
2	17.0	25.5	21.0	90.2	22.60	19.4	0.0	0.0	0.0	4.2
3	17.5	24.5	21.2	87.7	22.04	19.0	0.0	8.0	8.0	4.0
4	17.5	23.0	20.1	87.8	20.48	17.9	1.2	0.0	1.2	0.5
5	17.6	22.5	18.3	96.7	20.51	17.5	18.0	0.0	18.0	0.4
6	16.6	24.5	19.9	89.3	20.67	18.0	7.1	20.2	27.3	4.4
7	16.6	25.0	20.0	90.4	21.16	18.4	0.0	0.0	0.0	4.9
8	17.5	26.0	20.3	88.5	21.67	18.7	15.6	0.7	16.3	3.8
9	17.0	25.1	19.8	93.5	21.96	19.0	0.0	0.0	0.0	3.7
10	16.5	26.0	21.5	85.2	21.62	18.7	0.0	8.1	8.1	4.9
11	16.6	23.6	20.0	87.5	20.31	17.7	2.4	0.0	2.4	4.0
12	17.0	24.5	20.3	82.9	19.51	17.1	0.0	16.6	16.6	6.4
13	16.5	20.2	18.3	93.1	19.69	17.2	2.1	3.9	6.0	0.4
14	16.4	24.0	19.6	88.9	20.42	17.8	0.0	0.3	0.3	4.4
15	17.0	26.0	20.8	86.1	21.26	18.5	0.5	0.0	0.5	4.4
16	17.5	25.0	21.8	86.0	22.13	19.1	0.0	0.0	0.0	6.2
17	18.6	26.0	21.1	86.0	21.64	18.7	0.0	0.0	0.0	4.4
18	18.5	26.0	21.3	83.2	20.93	18.2	0.0	0.0	0.0	4.4
19	18.5	24.0	20.9	89.9	22.22	19.2	0.0	0.0	0.0	3.3
20	17.5	25.4	21.3	89.5	22.61	19.4	0.0	0.0	0.0	3.4
21	18.0	24.0	20.3	90.7	21.60	18.7	0.0	6.2	6.2	2.0
22	18.0	24.0	20.3	91.6	21.78	18.8	0.0	0.0	0.0	0.9
23	18.0	27.0	21.9	85.0	22.43	19.3	0.0	58.1	58.1	3.8
24	17.0	24.0	20.3	91.7	21.94	19.0	0.0	29.2	29.2	1.5
25	18.0	23.6	20.1	90.7	21.64	18.7	0.7	15.0	15.7	2.6
26	17.0	22.0	18.8	90.5	19.84	17.4	4.9	0.0	4.9	2.5
27	16.5	21.0	17.7	92.2	18.91	16.6	0.0	0.0	0.0	0.0
28	16.4	22.8	19.2	85.8	19.00	16.7	0.0	3.1	3.1	2.5
29	16.3	23.5	19.9	85.2	19.71	17.3	3.1	4.9	8.0	4.7
PROM	17.3	24.4	20.3	88.6	21.13	18.3	55.6	181.9	237.5	100.2

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.988

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

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	23.5	19.1	88.6	19.43	17.1	1.0	0.0	1.0	4.8
2	16.5	23.5	20.1	84.9	19.69	17.2	0.0	0.0	0.0	4.5
3	16.5	24.5	20.6	85.1	20.35	17.8	0.0	0.0	0.0	3.6
4	18.0	25.5	20.8	85.0	20.68	18.0	0.0	0.0	0.0	5.9
5	17.6	25.0	20.7	82.9	19.85	17.4	0.0	0.0	0.0	5.1
6	18.0	25.0	20.8	84.4	20.72	18.1	0.0	0.0	0.0	4.7
7	18.0	25.9	22.0	79.9	20.65	18.0	0.0	0.0	0.0	5.1
8	18.0	25.0	21.2	87.7	22.03	19.0	0.0	0.0	0.0	4.6
9	18.0	24.1	20.3	84.7	20.28	17.7	0.0	1.6	1.6	4.4
10	17.3	24.5	20.3	85.6	20.21	17.7	0.0	0.0	0.0	5.7
11	16.6	25.0	20.4	77.8	18.54	16.3	0.0	0.0	0.0	6.4
12	17.0	24.3	20.9	80.8	19.71	17.3	0.0	0.0	0.0	5.9
13	17.0	23.6	19.8	83.9	19.32	17.0	0.0	4.0	4.0	2.7
14	17.5	24.3	20.2	85.0	20.08	17.6	2.3	0.3	2.6	1.1
15	17.3	24.0	20.1	87.4	20.44	17.8	0.0	0.0	0.0	2.7
16	17.5	23.5	19.5	89.9	20.57	17.9	0.4	1.2	1.6	1.1
17	16.0	25.0	20.5	84.1	19.97	17.5	0.0	0.0	0.0	4.2
18	17.5	27.3	22.3	86.7	23.06	19.7	0.0	0.0	0.0	6.7
19	16.8	28.3	22.7	68.0	18.62	16.4	3.2	0.0	3.2	9.3
20	17.5	27.0	22.0	74.8	19.79	17.3	0.0	0.0	0.0	6.5
21	17.5	29.5	22.4	75.0	20.53	17.9	1.0	0.0	1.0	6.8
22	18.5	26.5	22.5	78.0	20.68	18.0	0.0	6.9	6.9	3.9
23	17.5	25.5	21.6	83.5	21.41	18.6	0.0	0.0	0.0	4.1
24	18.0	26.3	21.8	83.1	21.23	18.4	0.0	2.2	2.2	5.0
25	18.0	28.0	22.7	79.3	21.18	18.4	0.0	1.1	1.1	6.2
26	18.5	24.8	21.3	86.2	21.77	18.9	0.0	0.0	0.0	2.4
27	18.0	26.3	20.1	80.7	19.21	16.8	0.0	0.1	0.1	2.9
28	18.0	25.0	20.9	86.5	21.62	18.7	0.0	2.7	2.7	0.4
29	17.5	26.0	21.3	87.2	21.70	18.8	2.2	93.9	96.1	3.1
30	16.1	26.0	20.2	88.2	20.98	18.2	4.7	0.5	5.2	3.3
31	17.0	24.8	19.8	90.3	21.08	18.3	9.3	22.6	31.9	3.6
PROM.	17.4	25.4	20.9	83.4	20.50	17.9	24.1	137.1	161.2	136.7

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	17.4	25.0	21.2	89.3	22.38	19.3	0.8	17.6	18.4	3.0
2	17.5	23.5	19.5	95.7	21.73	18.8	4.2	17.2	21.4	0.1
3	17.0	23.8	18.4	95.7	20.97	18.1	51.3	7.1	58.4	2.0
4	17.0	25.0	20.3	89.5	21.33	18.5	0.0	24.3	24.3	2.7
5	17.5	25.5	21.4	87.6	22.22	19.2	0.0	47.6	47.6	4.4
6	17.0	20.0	18.8	97.0	21.05	18.3	9.3	0.0	9.3	0.0
7	17.5	23.5	20.1	90.5	21.30	18.5	5.1	5.9	11.0	2.2
8	16.0	23.0	19.9	89.0	20.51	17.8	0.0	0.3	0.3	2.3
9	17.5	22.0	18.7	95.9	20.99	18.3	2.0	0.1	2.1	0.2
10	16.5	23.6	19.5	87.7	19.95	17.4	0.8	37.0	37.8	1.6
11	16.5	23.0	19.6	89.4	20.42	17.8	6.8	3.0	9.8	2.9
12	16.8	23.9	19.7	88.7	20.35	17.8	0.7	27.1	27.8	0.7
13	16.5	24.5	18.6	87.0	18.77	16.5	5.9	0.2	6.1	1.1
14	16.5	25.5	20.5	84.6	20.19	17.6	0.1	16.2	16.3	5.5
15	16.8	25.0	20.4	90.6	21.77	18.8	0.0	2.4	2.4	4.9
16	16.8	25.0	20.9	81.6	20.48	17.9	0.3	0.1	0.4	8.8
17	17.0	24.6	20.8	86.8	21.52	18.7	0.0	0.0	0.0	7.2
18	17.0	25.5	20.7	87.4	21.40	18.6	0.0	10.1	10.1	4.5
19	17.6	24.6	21.0	90.8	22.50	19.4	0.0	2.7	2.7	5.3
20	18.0	25.5	21.2	86.9	21.93	19.0	0.0	27.1	27.1	7.4
21	16.5	24.0	20.1	91.4	21.30	18.5	0.0	0.0	0.0	6.0
22	18.0	25.0	19.0	86.2	19.17	16.8	6.5	27.4	33.9	5.5
23	16.5	24.0	20.3	87.1	20.69	18.0	0.0	0.0	0.0	3.6
24	17.5	24.0	20.7	87.5	21.32	18.5	0.0	0.4	0.4	5.0
25	16.5	27.0	20.6	86.3	21.23	18.4	3.0	0.4	3.4	5.8
26	17.5	24.4	20.0	94.9	22.25	19.1	13.3	1.9	15.2	3.6
27	17.5	24.3	20.5	91.5	22.11	19.1	4.3	34.1	38.4	3.3
28	16.5	24.0	19.6	89.3	20.44	17.9	0.0	0.0	0.0	4.5
29	16.5	26.3	21.6	84.1	21.58	18.7	0.1	7.7	7.8	4.2
30	17.0	24.1	19.3	91.5	20.86	18.1	16.6	1.8	18.4	5.7
PROM	17.0	24.3	20.1	89.4	21.09	18.3	131.1	319.7	450.8	114.0

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.988

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.5	19.8	81.7	19.16	16.7	0.3	15.6	15.9	6.0
2	16.5	23.4	20.0	87.2	20.20	17.6	0.7	0.0	0.7	0.2
3	17.0	25.4	20.8	91.7	22.38	19.3	0.0	1.1	1.1	6.0
4	17.0	24.5	20.2	90.6	21.37	18.5	0.3	26.4	26.7	1.4
5	17.5	24.0	20.3	88.5	21.08	18.3	1.9	15.6	17.5	7.1
6	16.5	25.5	20.1	89.9	21.05	18.3	0.7	0.0	0.7	4.0
7	17.8	24.6	18.9	90.9	19.86	17.4	7.9	0.0	7.9	2.6
8	18.0	26.2	20.7	86.6	21.53	18.6	0.0	1.4	1.4	6.2
9	17.0	27.5	20.9	84.1	20.76	18.1	4.2	0.1	4.3	4.9
10	17.5	24.0	20.1	87.7	20.78	18.1	2.1	0.0	2.1	2.0
11	17.3	25.0	20.6	87.9	21.28	18.5	0.0	0.0	0.0	5.5
12	17.5	25.5	20.5	91.0	22.16	19.1	1.9	2.2	4.1	5.6
13	17.5	24.8	20.9	85.7	21.39	18.6	3.9	19.0	22.9	3.0
14	17.0	25.0	20.9	84.7	20.71	18.1	0.0	0.0	0.0	5.0
15	16.0	22.0	19.7	93.0	21.20	18.4	0.2	0.0	0.2	2.1
16	17.0	25.0	21.2	84.7	21.32	18.5	0.0	0.0	0.0	6.8
17	17.5	25.5	20.3	86.0	21.00	18.2	10.7	0.4	11.1	5.2
18	17.6	24.5	20.5	93.5	22.75	19.5	0.9	1.4	2.3	4.4
19	15.5	25.5	20.0	87.1	20.38	17.8	0.7	2.0	2.7	5.3
20	17.4	24.0	20.0	87.2	20.21	17.6	3.4	4.2	7.6	3.2
21	17.8	24.5	20.2	90.6	21.86	18.9	0.7	0.0	0.7	4.1
22	17.4	24.0	20.3	92.4	22.25	19.2	0.0	0.2	0.2	3.4
23	17.8	25.0	21.5	89.3	22.63	19.5	0.0	0.0	0.0	1.3
24	18.8	27.0	22.2	85.0	22.62	19.4	0.0	0.0	0.0	6.9
25	18.6	27.1	21.9	87.5	22.90	19.6	0.0	15.8	15.8	6.1
26	17.0	25.0	21.0	85.3	21.12	18.3	0.0	0.0	0.0	2.2
27	17.3	25.2	20.4	90.4	22.35	19.2	12.1	0.0	12.1	5.0
28	17.0	24.5	18.9	85.6	19.02	16.7	2.9	2.6	5.5	7.3
29	15.5	24.7	19.9	89.0	20.67	18.0	8.2	43.9	52.1	5.9
30	16.0	24.5	20.0	84.4	19.55	17.1	0.0	0.0	0.0	8.4
31	17.6	26.0	20.6	85.1	20.90	18.2	0.0	0.0	0.0	7.8
PROM.	17.2	25.0	20.4	87.9	21.17	18.4	63.7	151.9	215.6	144.9

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	26.2	21.0	78.0	19.34	17.0	0.0	0.4	0.4	6.0
2	17.5	24.2	20.0	87.1	20.32	17.8	2.0	9.5	11.5	0.7
3	16.0	24.3	19.4	86.3	19.05	16.7	0.0	0.0	0.0	0.6
4	17.4	24.0	20.4	83.2	19.82	17.3	0.0	0.4	0.4	5.2
5	16.4	26.8	21.7	72.8	18.73	16.5	0.0	0.0	0.0	7.5
6	17.5	26.5	22.9	82.7	22.85	19.6	0.0	0.0	0.0	8.9
7	16.0	25.5	21.4	85.0	21.11	18.3	19.4	0.0	19.4	7.1
8	17.5	26.2	22.0	84.4	22.49	19.4	0.0	0.0	0.0	7.6
9	18.0	26.0	22.0	75.8	19.58	17.1	0.0	0.0	0.0	3.4
10	18.0	25.0	20.6	80.5	19.75	17.3	0.4	0.0	0.4	4.1
11	17.0	24.0	20.5	78.0	18.98	16.6	0.7	0.2	0.9	2.3
12	16.8	24.2	20.7	84.0	20.72	18.0	9.5	0.0	9.5	6.5
13	17.0	23.4	19.2	87.6	19.83	17.4	2.9	1.6	4.5	0.6
14	16.8	25.0	20.4	81.1	19.21	16.9	0.0	0.0	0.0	1.1
15	16.7	25.3	20.5	89.0	21.35	18.5	1.2	1.5	2.7	5.6
16	16.0	25.0	19.5	87.1	19.86	17.4	5.2	14.1	19.3	3.2
17	16.0	24.4	20.0	85.1	19.65	17.2	1.4	3.5	4.9	5.5
18	16.2	21.0	18.0	91.5	18.88	16.6	2.7	0.4	3.1	0.6
19	16.0	25.0	20.2	85.0	20.66	18.0	4.4	0.0	4.4	5.3
20	15.5	25.0	20.1	87.6	20.60	18.0	0.4	0.0	0.4	5.9
21	17.5	25.5	21.1	85.9	21.71	18.8	2.1	0.0	2.1	6.9
22	17.0	25.6	21.0	86.1	21.53	18.7	2.4	7.4	9.8	4.3
23	16.0	25.0	19.5	88.1	20.57	17.9	0.0	10.9	10.9	2.6
24	16.2	23.5	18.4	89.0	19.08	16.6	10.2	7.1	17.3	0.8
25	16.0	23.0	18.6	88.1	19.00	16.7	6.6	0.0	6.6	1.7
26	16.0	23.2	18.6	89.6	19.45	17.1	3.3	0.0	3.3	1.9
27	16.0	26.0	20.9	89.4	21.82	18.8	7.5	5.8	13.3	6.3
28	15.5	24.6	20.7	80.7	19.48	17.0	0.0	1.9	1.9	6.4
29	17.5	23.5	18.2	92.3	19.13	16.8	1.0	3.3	4.3	1.2
30	16.5	25.0	20.1	87.0	20.49	17.8	3.3	0.0	3.3	5.3
PROM	16.7	24.7	20.3	84.9	20.17	17.6	86.6	68.0	154.6	125.1

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.988

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	23.2	19.6	89.2	20.50	17.9	0.0	1.1	1.1	3.3
2	17.5	21.4	18.1	95.4	20.27	17.7	4.0	0.0	4.0	1.0
3	16.8	23.5	18.4	91.4	19.76	17.3	16.0	0.0	16.0	2.0
4	17.0	23.0	18.5	92.7	20.22	17.7	11.6	1.7	13.3	1.1
5	16.0	21.4	17.7	92.6	18.90	16.6	3.7	3.8	7.5	3.5
6	15.0	23.0	18.3	92.6	19.53	17.1	0.0	0.0	0.0	0.1
7	16.0	24.0	19.7	89.4	20.25	17.6	0.0	18.6	18.6	2.6
8	15.5	21.8	18.7	90.3	19.64	17.2	0.6	0.0	0.6	2.4
9	16.0	25.5	20.6	83.7	20.23	17.7	0.0	0.0	0.0	5.7
10	16.2	25.0	20.5	70.7	16.98	14.9	0.0	0.0	0.0	7.4
11	16.8	25.5	20.9	75.1	18.82	16.5	0.0	0.0	0.0	6.2
12	16.8	25.0	20.4	81.5	19.55	17.1	0.0	0.0	0.0	4.2
13	17.0	25.5	20.9	59.8	14.59	12.6	0.0	0.0	0.0	4.5
14	17.0	29.0	23.0	58.7	16.31	14.3	0.0	0.0	0.0	10.7
15	17.3	28.4	22.7	57.5	15.62	13.5	0.0	0.0	0.0	10.8
16	17.0	25.5	21.4	79.8	20.51	17.8	0.0	0.0	0.0	6.7
17	16.8	27.4	22.3	80.7	21.67	18.8	0.0	0.0	0.0	8.2
18	16.8	26.6	22.0	72.2	19.06	16.7	0.0	0.0	0.0	6.7
19	16.8	26.5	20.4	87.0	21.07	18.3	1.1	0.0	1.1	6.9
20	15.5	26.0	21.6	81.6	20.34	17.7	0.1	0.0	0.1	8.8
21	15.6	27.0	21.3	73.1	18.18	16.0	0.0	0.0	0.0	9.4
22	17.5	25.0	19.9	86.2	20.62	18.0	3.9	0.0	3.9	4.4
23	16.5	23.5	20.5	88.6	21.30	18.5	0.0	0.0	0.0	1.5
24	17.0	26.0	21.0	87.1	21.69	18.8	0.0	0.0	0.0	4.8
25	18.2	24.5	21.2	87.6	22.01	19.0	0.4	14.3	14.7	7.2
26	16.5	25.5	20.6	78.0	18.79	16.5	0.0	0.0	0.0	2.9
27	16.2	25.8	21.1	83.5	20.69	18.0	0.0	0.0	0.0	9.4
28	17.5	26.2	21.4	86.0	21.66	18.7	0.0	0.0	0.0	7.1
29	17.8	27.4	21.8	83.3	21.65	18.7	0.0	5.0	5.0	6.1
30	17.2	20.6	18.5	90.4	19.04	16.7	2.7	0.1	2.8	2.4
31	17.0	25.5	20.4	85.4	21.33	18.5	17.9	0.0	17.9	5.6
PROM.	16.7	25.0	20.4	82.3	19.70	17.2	62.0	44.6	106.6	163.6

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	24.5	20.3	90.8	21.56	18.7	0.5	19.2	19.7	5.3
2	16.0	25.5	19.9	86.8	20.22	17.7	6.3	37.9	44.2	3.6
3	15.5	24.4	20.7	86.0	20.93	18.2	2.4	9.0	11.4	4.1
4	16.5	26.8	19.7	84.4	19.45	17.1	3.0	1.8	4.8	6.7
5	16.8	26.6	21.4	81.3	20.77	18.0	0.0	0.0	0.0	7.3
6	18.0	27.0	21.8	79.9	20.73	18.0	0.0	0.0	0.0	7.9
7	18.0	26.0	21.5	87.9	22.73	19.5	0.3	0.0	0.3	6.6
8	18.0	21.5	19.0	95.4	21.03	18.3	1.7	0.0	1.7	1.4
9	17.0	23.5	20.5	83.7	19.97	17.5	0.0	0.0	0.0	2.8
10	17.5	25.5	22.0	74.5	19.37	16.9	0.0	0.2	0.2	6.8
11	17.0	23.0	19.6	91.0	20.81	18.1	0.0	0.0	0.0	2.9
12	17.0	24.0	19.0	91.5	20.79	18.1	23.9	1.2	25.1	3.9
13	15.0	24.9	19.9	89.0	20.36	17.7	0.9	0.0	0.9	6.2
14	17.8	23.6	20.4	90.4	21.68	18.8	0.0	27.7	27.7	2.1
15	17.4	22.0	19.0	94.1	20.82	18.1	34.8	3.7	38.5	1.2
16	17.5	25.5	19.9	90.4	21.11	18.4	12.0	5.1	17.1	5.3
17	16.6	21.4	17.6	94.0	18.87	16.6	3.7	0.4	4.1	
18	15.5	25.8	20.7	87.8	21.20	18.4	0.0	11.4	11.4	0.7
19	17.0	24.3	20.0	92.5	21.78	18.8	0.0	7.4	7.4	4.7
20	16.0	23.0	19.7	87.4	19.72	17.3	6.4	26.7	33.1	4.0
21	15.7	22.0	19.2	91.7	20.39	17.8	15.9	37.3	53.2	1.8
22	16.5	25.0	20.1	85.1	19.78	17.3	0.2	0.0	0.2	7.5
23	16.0	26.0	20.7	87.1	21.46	18.6	0.5	0.1	0.6	3.6
24	16.8	24.0	20.6	88.8	21.22	18.4	0.0	5.0	5.0	3.8
25	16.6	23.0	18.9	85.5	19.14	16.8	11.6	0.0	11.6	3.0
26	16.8	23.4	19.4	91.7	20.79	18.1	0.9	2.7	3.6	3.5
27	17.0	21.8	17.8	95.8	19.35	17.0	7.3	0.0	7.3	0.5
28	16.0	23.9	19.2	90.5	20.32	17.7	0.0	0.0	0.0	2.7
29	16.8	23.5	19.9	90.3	20.93	18.2	3.9	8.8	12.7	3.0
30	16.4	23.2	18.2	95.0	19.88	17.4	16.6	2.2	18.8	1.7
31	16.3	19.5	17.3	96.3	18.90	16.6	9.8	0.0	9.8	3.3
PROM	16.7	24.0	19.8	88.9	20.52	17.9	162.6	207.8	370.4	

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.968

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

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	26.0	18.7	87.1	19.55	17.1	22.5	0.9	23.4	3.1
2	16.0	25.8	20.9	85.1	20.50	17.8	0.0	0.0	0.0	7.5
3	17.5	25.0	20.3	85.2	20.26	17.7	0.0	0.0	0.0	2.7
4	17.4	24.5	21.2	87.7	21.95	18.9	9.6	0.0	9.6	3.6
5	18.5	24.0	21.0	90.5	22.29	19.2	0.3	0.0	0.3	2.2
6	18.0	27.0	20.6	82.2	19.98	17.5	1.3	0.0	1.3	4.5
7	17.5	22.8	20.2	91.8	21.70	18.8	0.0	27.9	27.9	2.0
8	17.0	22.0	18.9	94.6	20.94	18.2	1.6	0.0	1.6	0.6
9	16.0	25.0	19.6	87.1	20.12	17.5	26.1	1.9	28.0	4.2
10	15.8	24.5	18.7	90.1	19.66	17.2	14.6	0.0	14.6	2.2
11	16.5	24.8	20.1	89.9	21.18	18.4	2.5	9.3	11.8	2.0
12	15.8	21.5	19.4	89.1	19.80	17.3	0.7	0.0	0.7	0.0
13	17.5	25.0	19.6	85.3	19.92	17.4	9.8	7.8	17.6	1.2
14	15.5	24.2	19.8	88.5	20.23	17.6	0.0	1.4	1.4	3.2
15	16.5	25.3	21.3	87.0	21.92	18.9	0.5	0.0	0.5	6.9
16	16.8	26.0	21.5	85.7	22.01	19.0	0.1	4.8	4.9	8.8
17	16.4	26.2	20.5	88.5	21.15	18.3	4.5	12.7	17.2	5.1
18	16.5	23.8	18.7	97.0	20.73	18.0	2.0	4.6	6.6	3.9
19	16.8	23.4	19.5	92.8	20.89	18.2	0.1	2.5	2.6	2.2
20	16.5	25.0	19.6	92.1	21.09	18.3	8.1	2.0	10.1	5.6
21	17.2	24.4	20.4	88.7	21.27	18.5	0.0	22.5	22.5	4.9
22	17.0	26.6	20.7	87.3	21.16	18.4	0.3	13.3	13.6	8.6
23	16.5	25.5	20.8	82.6	20.06	17.5	0.0	2.2	2.2	5.5
24	16.0	24.3	21.1	88.6	21.92	18.9	0.0	0.6	0.6	7.5
25	17.8	26.5	21.4	88.1	22.51	19.3	0.0	0.2	0.2	6.4
26	18.4	24.5	21.2	85.9	21.62	18.7	0.0	0.0	0.0	2.9
27	16.8	24.8	20.8	84.9	20.85	18.1	0.3	0.0	0.3	5.9
28	15.4	24.0	20.4	90.5	21.86	18.9	0.0	0.0	0.0	2.9
29	17.8	25.2	20.1	91.1	21.77	18.8	2.2	6.1	8.3	1.8
30	17.0	23.5	19.6	92.3	21.10	18.3	3.4	2.3	5.7	2.0
PROM.	16.8	24.7	20.2	88.6	21.00	18.2	110.5	123.0	233.5	119.9

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	24.4	19.5	89.3	20.70	18.0	2.7	0.7	3.4	5.7
2	17.3	24.2	20.1	89.3	21.15	18.4	3.7	33.9	37.6	3.0
3	15.5	25.6	19.2	89.9	20.15	17.6	9.4	12.8	22.2	5.1
4	16.5	24.4	19.7	92.9	21.20	18.4	0.0	0.0	0.0	4.0
5	18.4	26.6	21.6	90.4	23.33	19.9	0.0	0.5	0.5	6.5
6	18.0	25.3	19.7	96.5	22.05	19.0	3.8	6.2	10.0	3.7
7	17.5	24.4	20.1	92.5	21.77	18.8	15.3	0.0	15.3	2.9
8	18.0	21.8	19.0	93.6	20.77	18.1	0.0	0.0	0.0	0.0
9	17.2	24.8	19.6	88.2	20.56	17.9	4.7	0.0	4.7	4.6
10	18.0	25.2	21.0	89.8	22.28	19.2	0.0	0.0	0.0	7.5
11	17.8	25.0	20.6	91.2	22.38	19.3	31.9	4.6	36.5	5.2
12	17.0	24.6	17.9	96.4	19.92	17.4	3.5	0.9	4.4	1.3
13	16.5	23.0	18.9	94.8	20.66	18.0	5.3	1.3	6.6	2.6
14	16.8	23.2	19.5	89.1	20.14	17.6	0.3	25.0	25.3	2.3
15	16.5	23.0	19.4	92.0	20.75	18.1	0.0	0.0	0.0	0.4
16	16.8	23.8	20.3	90.4	21.53	18.7	0.0	13.6	13.6	4.6
17	17.4	23.2	20.2	91.0	21.57	18.7	0.0	13.8	13.8	4.1
18	16.8	25.2	20.4	85.7	20.44	17.8	0.0	15.3	15.3	3.1
19	17.4	24.4	20.6	89.8	21.67	18.7	0.0	1.2	1.2	4.0
20	17.8	25.8	21.0	87.3	21.52	18.7	0.0	28.7	28.7	6.5
21	16.4	24.7	20.4	89.3	21.19	18.4	0.0	24.8	24.8	6.9
22	16.8	23.6	20.1	85.4	19.88	17.4	0.0	0.0	0.0	0.1
23	16.0	25.0	20.4	88.3	20.95	18.2	0.0	0.0	0.0	6.0
24	18.2	24.2	21.0	89.3	22.29	19.2	2.9	13.2	16.1	4.8
25	15.5	24.3	19.4	91.9	20.76	18.0	0.0	0.2	0.2	9.0
26	16.4	23.8	19.9	91.0	21.19	18.4	0.0	0.0	0.0	7.2
27	17.6	24.0	20.8	88.6	21.77	18.8	0.0	8.2	8.2	3.0
28	17.3	23.0	19.4	92.9	20.94	18.2	0.6	0.0	0.6	1.0
29	17.2	24.8	20.3	88.5	21.30	18.5	0.0	0.0	0.0	4.4
30	17.0	26.4	19.6	90.2	21.06	18.3	2.7	8.4	11.1	4.5
31	17.0	24.0	20.4	90.2	21.59	18.7	0.6	0.0	0.6	2.5
PROM	17.0	24.4	20.0	90.5	21.21	18.4	87.4	213.3	300.7	126.5

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.988

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	17.5	24.2	20.2	91.1	21.05	18.8	1.8	12.8	14.6	1.8
2	17.3	23.0	18.5	95.9	20.46	17.9	9.9	8.8	18.7	0.9
3	16.8	25.9	20.5	86.9	20.58	17.9	0.0	0.0	0.0	2.9
4	17.5	25.6	21.4	87.5	21.96	18.9	0.0	0.0	0.0	5.8
5	17.6	26.6	19.2	87.7	20.34	17.7	30.5	1.1	31.6	6.3
6	16.3	24.0	20.4	85.3	20.63	18.0	0.0	0.0	0.0	6.6
7	16.8	24.6	20.6	88.8	21.61	18.7	2.2	19.9	22.1	3.6
8	17.0	25.0	20.0	89.0	20.75	18.1	0.0	0.0	0.0	6.4
9	16.6	24.5	20.3	87.5	21.05	18.3	1.0	13.3	14.3	3.0
10	16.5	24.2	19.3	92.1	20.59	18.0	3.0	32.2	35.2	3.5
11	16.4	22.5	19.2	92.7	20.76	18.1	1.5	11.4	12.9	0.4
12	16.8	24.0	20.0	92.7	21.91	18.9	3.5	38.4	41.9	2.0
13	17.0	24.5	19.5	91.8	21.29	18.5	6.3	5.3	11.6	1.8
14	17.0	24.3	19.4	91.6	21.05	18.3	23.0	28.7	51.7	4.0
15	16.6	24.0	19.0	97.6	21.50	18.6	0.5	25.4	25.9	0.7
16	17.2	24.1	20.0	91.3	21.39	18.6	0.2	0.0	0.2	2.3
17	16.5	24.6	19.8	93.4	21.79	18.8	0.0	1.0	1.0	3.9
18	16.8	25.0	20.4	86.2	20.54	17.9	0.0	10.5	10.5	6.9
19	17.6	24.5	19.8	90.0	20.95	18.2	3.2	17.4	20.6	3.9
20	17.3	23.0	19.0	93.0	20.71	18.0	3.2	0.2	3.4	1.6
21	17.2	24.5	19.8	95.6	22.68	19.4	0.0	0.0	0.0	6.4
22	17.0	24.6	20.3	86.8	20.82	18.1	1.2	0.3	1.5	7.1
23	17.4	25.0	20.6	89.2	21.77	18.9	0.0	2.0	2.0	7.2
24	16.5	25.1	19.5	93.8	21.70	18.7	4.9	19.8	24.7	3.9
25	17.5	23.5	19.7	92.5	21.52	18.6	0.0	12.5	12.5	5.0
26	17.2	23.0	19.2	91.6	20.78	18.1	0.0	0.0	0.0	3.4
27	17.0	24.6	20.3	91.5	22.28	19.2	1.3	6.2	7.5	4.5
28	16.4	24.6	20.4	89.7	21.81	18.9	1.7	0.1	1.8	3.7
29	17.5	24.5	19.9	90.7	21.11	18.3	0.4	0.0	0.4	2.9
30	16.8	23.5	19.3	92.8	20.76	18.1	0.8	0.0	0.8	5.0
PROM.	17.0	24.4	19.9	90.9	21.22	18.4	100.1	267.3	367.4	117.4

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	24.0	20.4	87.0	20.81	18.1	0.0	2.1	2.1	5.8
2	16.7	23.5	19.3	90.2	20.17	17.6	0.0	14.8	14.8	6.4
3	16.8	23.8	19.3	89.3	20.22	17.7	9.5	0.0	9.5	3.2
4	16.5	23.5	19.1	89.1	19.84	17.4	0.4	0.0	0.4	5.1
5	16.8	23.4	19.5	87.2	19.90	17.4	0.0	0.0	0.0	4.3
6	16.9	23.0	19.1	88.6	19.54	17.1	0.0	0.5	0.5	3.6
7	17.0	23.2	19.5	89.2	20.19	17.6	0.0	5.4	5.4	4.5
8	15.5	21.0	17.8	92.1	18.70	16.4	3.6	0.6	4.2	1.4
9	15.8	22.9	18.6	89.2	18.97	16.6	1.6	0.0	1.6	3.6
10	17.0	23.0	19.7	87.5	20.01	17.5	0.5	0.0	0.5	2.5
11	17.9	24.6	21.1	87.1	21.88	18.9	0.4	6.0	6.4	5.2
12	18.0	24.8	19.7	92.1	21.75	18.8	2.7	0.4	3.1	3.6
13	17.0	24.0	18.9	90.2	20.31	17.7	20.5	3.6	24.1	3.8
14	16.6	23.8	19.4	89.1	20.02	17.5	4.1	0.3	4.4	3.6
15	16.8	24.8	19.4	91.3	20.68	18.0	1.5	0.0	1.5	3.5
16	16.5	24.2	20.1	89.7	21.13	18.4	0.0	0.2	0.2	5.7
17	17.4	23.8	19.9	82.8	19.25	16.9	0.0	0.1	0.1	8.1
18	17.2	22.6	19.1	87.0	19.17	16.8	0.6	0.1	0.7	4.4
19	16.2	23.2	20.0	85.4	19.87	17.4	0.0	0.0	0.0	5.0
20	16.5	24.4	20.7	87.5	20.97	18.2	0.0	0.0	0.0	6.5
21	16.2	24.5	20.4	87.3	20.72	18.0	0.0	0.0	0.0	5.4
22	17.0	23.4	19.7	88.1	20.16	17.6	0.0	0.0	0.0	3.7
23	16.2	23.0	19.1	88.6	19.53	17.1	0.3	0.0	0.3	4.2
24	15.5	23.2	19.7	86.9	19.56	17.1	0.0	0.0	0.0	4.1
25	17.5	23.0	20.0	89.5	20.79	18.1	0.0	0.0	0.0	3.1
26	16.4	23.6	19.1	92.8	20.55	17.9	10.7	38.0	48.7	5.2
27	16.9	24.3	19.9	86.9	20.14	17.6	0.0	0.0	0.0	3.6
28	17.0	25.0	19.3	87.7	19.98	17.5	0.3	23.5	23.8	3.2
29	16.0	22.4	19.0	90.5	20.09	17.5	0.0	0.0	0.0	4.0
30	16.6	22.8	18.9	91.6	20.09	17.6	15.1	53.6	68.7	1.5
31	16.4	22.5	19.3	93.4	20.96	18.2	1.7	35.0	36.7	2.9
PROM	16.7	23.5	19.5	88.9	20.19	17.6	73.5	184.2	257.7	130.7

ESTACION: MONTELIBANO MUNICIPIO: YACOPI AÑO: 1.988

ALTITUD: 1.340 LATITUD: 5-28 N. LONGITUD: 74-22 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	17.2	24.4	20.5	15.0	26.0	84.5	20.31	17.7	120.8	16	152.4
FEBRERO	17.3	24.4	20.3	16.3	27.5	88.6	21.13	18.3	237.5	19	100.2
MARZO	17.4	25.4	20.9	15.6	25.5	83.4	20.50	17.9	161.2	15	136.7
ABRIL	17.0	24.3	20.1	16.0	27.0	89.4	21.09	18.3	450.8	26	114.0
MAYO	17.2	25.0	20.4	15.5	27.5	87.5	21.17	18.4	215.6	23	144.9
JUNIO	16.7	24.7	20.3	15.5	26.8	84.5	20.17	17.6	154.6	24	125.1
JULIO	16.7	25.0	20.4	15.0	25.0	82.3	19.70	17.2	106.6	14	163.6
AGOSTO	16.7	24.0	19.8	15.0	27.0	88.5	20.52	17.9	370.4	26	
SEPTIEMBRE	16.8	24.7	20.2	15.4	27.0	88.6	21.00	18.2	233.5	26	119.9
OCTUBRE	17.0	24.4	20.0	15.5	26.6	90.5	21.21	18.4	300.7	23	126.5
NOVIEMBRE	17.0	24.4	19.9	16.3	26.6	90.5	21.22	18.4	367.4	24	117.4
DICIEMBRE	16.7	23.5	19.5	15.5	25.0	88.5	20.19	17.6	257.7	22	130.7
PROMEDIO	17.0	24.5	20.2	15.6	27.1	87.0	20.69	18.0			
TOTAL									2976.8	258	

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.988

ALTITUD: 1.540 LATITUD: 4-34 N. LONGITUD: 74-18 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	17.4	26.4	21.0	69.2	17.30	15.1	0.0	0.0	0.0	5.4
2	17.3	27.6	21.9	62.9	16.33	14.3	0.0	0.0	0.0	6.2
3	17.6	27.4	21.5	77.3	19.86	17.4	0.0	37.2	37.2	5.4
4	16.4	26.0	21.9	69.0	18.05	15.7	0.0	3.3	3.3	7.0
5	17.5	25.8	21.1	78.2	19.17	16.8	1.1	0.0	1.1	4.5
6	17.5	24.8	20.4	82.6	19.59	17.2	0.0	0.0	0.0	2.0
7	16.8	23.8	20.4	68.4	16.47	14.3	0.0	0.0	0.0	4.5
8	17.5	25.3	20.4	75.4	18.24	16.0	0.0	0.0	0.0	4.9
9	18.0	25.5	21.6	77.1	19.89	17.4	0.0	0.0	0.0	5.5
10	17.0	25.8	20.7	77.9	19.09	16.7	0.0	0.0	0.0	6.4
11	17.2	26.8	21.8	72.3	18.57	16.3	0.0	0.0	0.0	6.5
12	16.8	26.4	20.9	67.3	16.27	14.3	0.0	0.0	0.0	6.3
13	16.5	27.4	21.2	68.4	17.12	15.1	0.0	0.0	0.0	4.6
14	16.4	26.8	20.5	71.6	17.25	15.1	0.0	1.2	1.2	6.6
15	17.0	26.0	20.6	69.7	17.24	15.1	0.0	0.2	0.2	4.3
16	15.5	23.5	18.0	86.0	17.99	15.7	2.0	2.6	4.6	2.1
17	15.5	22.0	18.4	86.3	18.14	15.9	9.1	2.9	12.0	3.3
18	14.8	24.3	19.6	81.9	18.66	16.4	4.8	0.0	4.8	4.8
19	15.8	24.2	20.0	74.8	17.36	15.2	0.0	0.3	0.3	1.4
20	15.8	25.4	20.6	78.8	18.74	16.5	0.0	0.0	0.0	
21	16.8	26.2	19.3	83.5	18.97	16.7	10.3	0.0	10.3	4.6
22	16.0	24.0	19.8	78.8	17.94	15.8	0.0	0.0	0.0	4.6
23	16.5	25.0	19.9	77.3	17.98	15.8	0.0	0.0	0.0	6.6
24	16.5	26.0	20.8	73.0	17.96	15.8	0.0	0.0	0.0	6.0
25	16.8	27.4	20.8	71.9	17.71	15.5	0.0	0.0	0.0	5.9
26	16.4	25.5	20.0	73.3	17.02	15.0	0.0	0.0	0.0	6.0
27	16.2	21.0	18.5	74.3	15.81	13.8	0.0	0.0	0.0	0.4
28	16.4	25.6	20.8	75.9	18.78	16.5	0.0	0.0	0.0	4.5
29	16.8	22.5	18.7	81.5	17.98	15.7	4.9	0.0	4.9	0.2
30	17.0	23.5	19.3	74.6	16.85	14.8	0.0	0.0	0.0	4.0
31	17.5	23.6	20.0	69.3	16.04	13.9	0.0	0.0	0.0	4.1
PROM.	16.7	25.2	20.3	75.1	17.88	15.7	32.2	47.7	79.9	

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	17.8	28.2	23.5	49.3	14.25	12.2	0.0	0.0	0.0	8.6
2	18.5	28.0	22.4	56.6	15.29	13.3	0.0	0.0	0.0	6.2
3	17.8	27.5	22.5	65.9	17.94	15.7	0.0	21.0	21.0	6.4
4	16.4	22.5	19.4	87.9	19.47	17.1	0.4	0.0	0.4	0.7
5	16.5	22.2	20.1	81.5	19.18	16.8	28.1	0.5	28.6	1.2
6	16.8	25.5	20.6	75.4	18.02	15.8	0.0	1.5	1.5	3.4
7	16.6	21.0	18.4	84.6	17.84	15.7	0.0	0.0	0.0	0.3
8	17.8	24.0	21.4	68.4	17.51	15.4	0.0	0.0	0.0	3.6
9	17.8	24.2	19.7	79.5	18.70	16.2	0.6	0.0	0.6	2.9
10	16.4	24.5	20.4	76.3	18.14	16.0	0.0	2.2	2.2	1.5
11	16.5	23.0	19.0	86.4	19.21	16.8	0.3	1.0	1.3	0.8
12	16.4	23.6	18.6	85.6	18.34	16.1	2.4	6.8	9.2	0.5
13	16.6	22.6	18.0	91.8	19.20	16.8	9.1	0.0	9.1	0.6
14	16.0	23.0	18.9	82.8	18.44	16.1	0.0	0.0	0.0	3.0
15	16.5	27.3	20.9	67.8	16.84	14.8	0.0	0.0	0.0	6.5
16	17.5	26.4	21.0	81.4	20.32	17.7	0.0	0.0	0.0	7.1
17	17.8	25.6	21.1	81.8	20.75	18.1	0.0	0.0	0.0	3.3
18	17.5	27.6	21.7	66.9	17.29	15.2	0.0	0.0	0.0	7.4
19	18.0	26.6	22.1	72.0	19.14	16.8	0.0	0.0	0.0	7.1
20	17.8	28.4	22.8	59.7	16.07	14.1	0.0	0.0	0.0	7.1
21	17.7	24.5	20.7	70.2	17.26	15.1	0.0	0.0	0.0	2.2
22	17.4	24.0	20.1	85.8	20.22	17.6	0.3	0.0	0.3	0.7
23	17.7	25.2	20.9	80.2	19.99	17.5	1.9	0.0	1.9	1.7
24	17.5	24.8	20.3	83.5	19.99	17.5	0.3	7.9	8.2	2.0
25	16.8	26.8	20.1	85.7	20.07	17.6	0.9	14.2	15.1	2.9
26	16.7	25.0	19.8	85.8	19.95	17.5	4.6	0.0	4.6	1.5
27	16.0	22.2	17.7	92.3	18.95	16.6	6.4	0.4	6.8	0.2
28	15.5	22.0	18.2	90.0	18.89	16.6	0.0	0.1	0.1	0.7
29	16.0	24.5	19.5	85.1	19.26	16.9	0.0	0.2	0.2	2.8
PROM	17.0	24.9	20.3	77.9	18.50	16.2	55.3	55.8	111.1	92.9

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.988

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	16.8	24.5	19.5	84.9	19.14	16.8	0.1	0.0	0.1	2.4
2	16.0	25.5	20.4	72.8	17.10	15.1	0.0	0.0	0.0	5.9
3	16.4	25.5	20.3	75.4	17.68	15.5	0.0	0.0	0.0	3.3
4	17.8	27.2	22.4	55.6	14.66	12.5	0.0	0.0	0.0	7.5
5	18.0	28.2	23.0	52.5	14.83	12.8	0.0	0.0	0.0	8.2
6	18.0	27.8	22.6	62.0	16.86	14.8	0.0	0.0	0.0	6.0
7	17.5	28.4	22.3	60.1	16.05	14.1	0.0	0.0	0.0	6.5
8	17.8	28.0	22.6	72.9	19.69	17.3	0.0	3.9	3.9	5.0
9	16.4	22.8	19.3	87.8	19.38	17.0	7.9	8.9	16.8	0.5
10	15.6	26.5	20.5	77.4	18.18	16.0	0.0	0.0	0.0	3.5
11	16.4	27.0	21.2	63.8	15.77	13.8	0.0	0.0	0.0	5.8
12	17.0	27.5	22.0	65.3	17.10	15.1	0.0	0.0	0.0	5.7
13	16.8	27.2	21.0	71.2	17.44	15.3	8.7	0.0	8.7	4.8
14	16.5	27.2	21.2	70.4	17.33	15.3	0.0	0.0	0.0	1.5
15	17.0	25.2	20.5	76.1	18.44	16.2	0.1	0.0	0.1	2.6
16	16.4	22.5	18.2	85.0	18.02	15.9	0.7	0.0	0.7	0.2
17	15.0	23.2	19.3	71.0	15.45	13.4	0.0	0.0	0.0	3.3
18	18.5	26.8	21.6	64.0	16.57	14.6	0.0	0.0	0.0	3.6
19	16.4	27.5	21.6	60.6	15.15	13.2	0.0	0.0	0.0	7.4
20	18.0	25.5	21.5	61.6	16.31	14.2	0.0	0.0	0.0	2.0
21	18.0	28.9	22.9	56.1	15.74	13.8	0.0	0.0	0.0	4.9
22	18.5	28.8	22.6	54.4	14.76	12.8	0.0	0.0	0.0	8.2
23	18.8	26.6	22.4	57.5	15.74	13.7	0.0	0.0	0.0	5.9
24	17.5	27.8	22.8	57.6	16.13	13.7	0.0	0.0	0.0	6.2
25	17.8	28.8	23.1	46.9	13.08	10.9	0.0	0.0	0.0	8.3
26	17.0	26.0	20.4	54.7	13.14	11.0	0.0	0.0	0.0	2.5
27	17.5	23.8	19.7	71.1	16.25	14.2	0.0	0.0	0.0	1.9
28	17.5	26.4	21.8	56.0	14.90	12.8	0.0	0.0	0.0	1.2
29	17.8	24.5	19.4	79.1	18.18	15.9	0.0	0.2	0.2	1.3
30	16.2	25.8	20.9	64.7	16.03	13.9	2.7	0.0	2.7	0.4
31	18.5	25.0	20.7	71.9	17.58	15.4	0.0	0.0	0.0	1.7
PROM.	17.2	26.3	21.2	66.5	16.54	14.4	20.2	13.0	33.2	128.2

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.8	23.2	20.5	74.4	17.81	15.6	3.1	0.0	3.1	0.3
2	17.0	24.0	18.7	77.3	16.53	14.4	12.8	0.0	12.8	1.1
3	17.5	24.6	20.4	77.3	18.21	15.9	1.2	16.6	17.8	1.5
4	15.5	23.6	20.0	80.0	18.92	16.6	0.0	0.0	0.0	1.8
5	16.8	23.5	20.4	81.6	19.61	17.2	18.0	0.0	18.0	0.8
6	18.5	22.0	18.5	83.3	18.21	16.0	40.5	0.0	40.5	0.0
7	16.4	21.5	19.6	84.5	19.20	16.8	0.0	0.0	0.0	
8	17.4	22.8	20.5	79.1	18.93	16.6	1.7	0.5	2.2	2.4
9	17.5	22.4	20.2	77.4	18.57	16.3	0.1	6.6	6.7	0.5
10	15.5	24.2	19.8	83.5	18.87	16.5	16.7	3.4	20.1	1.3
11	16.0	20.6	18.5	92.8	19.81	17.3	0.6	0.0	0.6	0.0
12	16.4	22.6	18.7	86.2	18.62	16.4	1.7	10.1	11.8	0.8
13	16.0	18.0	16.9	92.1	17.86	15.7	4.7	0.0	4.7	0.0
14	16.0	22.2	18.7	88.2	18.83	16.5	0.0	0.1	0.1	1.0
15	17.4	21.8	19.0	86.2	19.29	16.9	15.0	6.9	21.9	1.0
16	17.0	24.5	20.9	80.2	19.82	17.3	0.0	0.0	0.0	5.7
17	17.2	25.8	21.0	79.2	19.61	17.2	0.1	0.0	0.1	3.4
18	17.0	24.5	20.9	72.3	17.85	15.7	6.6	0.0	6.6	2.7
19	17.5	23.2	20.4	83.9	20.15	17.6	0.0	0.0	0.0	1.2
20	17.5	24.5	21.1	80.1	20.22	17.6	0.6	0.0	0.6	2.8
21	17.5	23.0	19.5	92.3	21.10	18.3	3.3	0.0	3.3	1.2
22	17.5	22.5	18.0	91.8	19.27	16.9	4.8	1.7	6.5	0.4
23	14.8	24.6	20.8	75.6	17.83	15.7	0.0	0.0	0.0	4.8
24	17.4	23.5	20.6	80.9	19.75	17.3	2.4	1.1	3.5	2.3
25	15.8	25.5	20.8	79.5	19.65	17.2	1.0	0.0	1.0	3.1
26	17.8	22.5	19.8	83.6	19.64	17.2	0.8	0.0	0.8	0.7
27	17.2	24.5	19.3	86.2	19.58	17.1	0.0	0.0	0.0	1.5
28	17.0	24.4	20.7	70.7	17.38	15.3	0.0	0.0	0.0	1.4
29	18.4	25.3	20.5	78.6	19.50	16.9	1.1	0.0	1.1	1.5
30	17.0	25.8	19.5	85.2	19.69	17.2	1.0	4.1	5.1	2.4
PROM	17.0	23.4	19.8	82.1	19.01	16.6	137.8	51.1	188.9	

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.988

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	16.0	25.0	19.9	73.0	16.99	15.0	0.1	23.0	23.1	2.4
2	15.6	20.8	17.8	89.8	18.54	16.3	1.0	0.1	1.1	0.1
3	16.5	25.0	19.8	84.5	19.49	17.0	0.4	0.0	0.4	2.1
4	17.8	21.0	18.8	82.3	18.09	15.9	2.7	0.0	2.7	0.4
5	16.2	24.0	20.0	71.6	16.98	14.9	0.0	0.2	0.2	2.6
6	17.5	24.8	19.6	83.0	18.83	16.5	0.2	0.0	0.2	1.8
7	17.8	25.5	20.5	74.8	18.18	16.0	0.0	0.0	0.0	2.2
8	18.0	23.2	20.1	88.4	20.84	18.1	0.6	0.5	1.1	1.2
9	16.4	23.5	20.1	86.0	20.09	17.6	0.0	0.0	0.0	0.7
10	17.8	23.5	19.9	86.8	20.19	17.6	1.2	0.0	1.2	0.7
11	17.5	23.4	20.7	68.7	17.10	14.8	0.0	0.2	0.2	0.8
12	17.4	25.2	20.3	66.5	16.09	14.0	0.0	0.0	0.0	1.1
13	17.5	23.6	20.6	74.3	18.08	15.7	0.0	0.0	0.0	1.2
14	17.4	24.8	20.7	69.0	16.94	14.9	0.0	0.0	0.0	1.7
15	17.2	23.4	19.6	73.0	16.55	14.2	8.3	0.0	8.3	0.6
16	17.0	26.0	20.9	77.7	19.42	17.0	0.0	0.0	0.0	3.9
17	17.8	23.5	20.8	71.7	17.76	15.4	2.0	0.0	2.0	0.9
18	17.4	26.0	20.9	69.9	17.60	15.4	0.0	0.0	0.0	2.8
19	17.5	23.4	19.9	79.1	18.80	16.5	0.8	0.0	0.8	
20	17.5	21.8	19.8	79.1	18.48	16.1	0.2	0.0	0.2	
21	16.8	22.6	19.2	83.6	19.02	16.7	4.9	0.0	4.9	0.6
22	18.0	23.8	20.6	80.9	19.85	17.3	0.4	0.2	0.6	1.1
23	17.4	23.2	20.2	78.3	18.41	15.9	1.0	0.0	1.0	0.2
24	18.8	26.0	22.5	56.5	15.47	13.4	0.2	0.1	0.3	2.3
25	19.5	25.4	21.7	70.4	18.45	16.2	0.1	2.2	2.3	2.4
26	17.8	24.4	20.3	85.3	20.77	18.0	0.9	0.0	0.9	0.3
27	17.6	23.4	20.5	85.1	20.80	18.1	0.0	0.0	0.0	1.5
28	16.4	23.5	18.9	88.5	19.52	17.1	0.9	0.0	0.9	1.1
29	17.0	26.0	20.2	79.1	18.81	16.5	1.3	9.6	10.9	3.1
30	15.4	23.4	20.0	74.3	17.50	15.1	0.0	0.4	0.4	2.9
31	17.8	24.8	20.4	64.4	15.59	13.5	0.0	15.9	15.9	3.0
PROM.	17.3	24.0	20.2	77.2	18.36	16.0	27.2	52.4	79.6	

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	15.0	23.4	17.8	87.5	17.75	15.5	4.3	0.0	4.3	1.8
2	16.4	26.0	19.6	78.9	18.19	16.0	6.2	0.1	6.3	2.1
3	16.3	21.4	19.0	89.4	19.73	17.2	0.0	0.0	0.0	0.2
4	15.8	22.2	19.0	90.6	20.13	17.5	0.0	1.3	1.3	0.6
5	14.8	24.0	19.1	81.4	17.90	15.8	0.0	0.0	0.0	2.7
6	15.4	25.8	20.5	69.9	17.01	15.0	0.0	0.0	0.0	2.9
7	17.2	25.0	21.2	62.8	15.80	13.8	0.0	0.0	0.0	4.9
8	18.5	25.2	21.3	74.4	19.19	16.7	0.0	0.0	0.0	2.4
9	18.6	23.0	18.5	85.0	18.65	16.3	15.0	0.0	15.0	0.9
10	16.5	20.4	18.3	77.9	16.42	14.4	11.5	0.0	11.5	0.3
11	15.8	20.8	18.7	81.3	17.58	15.4	7.1	0.0	7.1	
12	16.5	25.0	20.1	63.7	15.29	13.2	0.7	0.0	0.7	2.8
13	16.5	21.6	19.2	74.2	16.68	14.5	0.1	3.0	3.1	0.6
14	16.8	20.5	18.1	85.0	18.04	15.9	1.2	0.0	1.2	0.6
15	15.5	25.2	20.3	67.4	16.10	14.1	0.7	0.0	0.7	2.9
16	16.8	23.2	19.1	83.5	18.78	16.5	0.5	0.2	0.7	0.6
17	15.5	23.8	18.6	90.3	19.09	16.8	0.1	1.0	1.1	1.2
18	16.4	19.0	17.0	93.0	18.37	16.1	25.4	0.0	25.4	0.2
19	15.0	21.0	17.5	85.7	17.51	15.4	8.8	0.6	9.4	0.6
20	14.8	25.5	20.6	64.6	16.14	13.9	0.0	0.0	0.0	5.9
21	16.2	23.0	19.5	91.9	20.72	18.1	3.9	0.1	4.0	1.2
22	16.4	24.8	20.5	76.9	18.51	16.2	0.0	0.3	0.3	3.8
23	16.0	23.5	19.7	80.3	18.17	16.0	0.2	0.7	0.9	1.7
24	15.8	21.2	17.7	86.5	17.59	15.5	3.7	13.3	17.0	0.5
25	14.0	22.0	17.4	87.4	17.27	15.2	9.5	0.0	9.5	0.9
26	16.0	22.8	17.7	87.0	17.60	15.5	1.8	0.0	1.8	2.1
27	16.8	23.6	19.4	73.4	16.50	14.5	0.0	0.0	0.0	2.6
28	16.9	22.5	18.5	74.6	16.11	14.1	3.8	0.0	3.8	1.6
29	16.5	24.6	19.2	72.0	16.26	14.1	1.3	0.0	1.3	2.6
30	16.2	24.2	20.2	71.3	17.17	15.0	5.3	0.2	5.5	1.6
PROM	16.2	23.1	19.1	79.6	17.68	15.5	111.1	20.8	131.9	

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.988

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	15.0	22.5	18.8	72.2	15.68	13.7	0.0	0.0	0.0	1.4
2	16.2	22.6	18.1	77.7	16.69	14.6	15.7	1.5	17.2	1.5
3	15.4	20.0	18.1	83.4	17.32	15.3	3.2	1.1	4.3	0.6
4	15.2	18.4	16.8	92.1	17.78	15.0	16.4	0.0	16.4	0.0
5	14.8	20.4	17.9	87.7	17.81	15.6	4.3	12.2	16.5	0.5
6	14.4	22.2	18.7	90.5	15.58	17.1	5.8	0.2	6.0	0.6
7	14.6	21.4	18.3	89.4	18.66	16.4	2.1	1.0	3.1	1.4
8	16.0	21.8	19.1	82.4	18.23	15.5	3.3	0.0	3.3	1.6
9	15.6	21.0	17.9	81.8	16.84	14.8	0.5	0.0	0.5	1.3
10	16.0	23.8	17.7	79.4	16.74	14.6	26.1	0.9	27.0	2.4
11	15.5	21.2	18.5	72.1	15.44	13.4	4.0	0.0	4.0	1.0
12	15.4	21.0	17.9	79.3	16.28	14.1	8.3	9.2	17.5	1.1
13	13.5	19.2	16.1	86.2	15.56	13.6	2.7	0.0	2.7	0.8
14	16.0	25.0	20.6	48.5	11.97	5.5	0.0	0.0	0.0	7.6
15	16.0	24.8	20.3	53.4	12.82	10.6	0.0	0.0	0.0	6.4
16	16.2	23.0	19.7	62.2	14.33	12.2	0.0	0.0	0.0	2.9
17	15.0	24.2	19.8	68.9	16.06	14.1	0.0	0.0	0.0	3.7
18	14.8	21.8	18.2	79.4	16.69	14.6	4.3	0.0	4.3	0.9
19	15.4	23.5	18.9	70.9	15.65	13.6	0.0	0.0	0.0	2.2
20	15.5	22.8	19.0	64.7	14.39	12.4	0.0	0.0	0.0	2.5
21	16.2	23.5	18.6	77.9	16.74	14.7	0.6	0.0	0.6	2.1
22	16.0	22.5	18.0	82.4	17.46	15.3	4.4	0.0	4.4	0.8
23	15.4	22.5	18.7	81.3	17.62	15.4	0.0	0.0	0.0	1.4
24	16.0	24.0	19.2	72.7	16.27	14.2	0.0	0.0	0.0	2.1
25	14.8	24.0	19.4	80.4	17.83	15.7	0.5	9.5	10.0	1.8
26	14.6	22.5	17.1	85.7	16.54	14.5	5.5	0.0	5.5	0.6
27	14.5	26.2	20.1	64.3	15.34	13.2	0.0	0.0	0.0	7.0
28	17.6	25.3	20.5	77.2	18.58	16.3	0.0	0.0	0.0	3.2
29	17.8	23.8	20.8	84.5	19.80	13.7	0.4	0.0	0.4	1.6
30	17.5	22.0	19.2	71.4	16.05	14.6	0.8	0.0	0.8	0.8
31	16.2	23.0	18.2	83.1	16.69	14.6	0.0	0.0	0.0	1.8
PROM.	15.6	22.6	18.7	76.2	16.43	14.3	108.9	35.6	144.5	63.6

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	16.7	24.2	20.1	83.0	19.63	17.1	0.1	4.6	4.7	3.4
2	15.0	21.5	18.5	86.0	18.34	16.1	1.2	0.0	1.2	1.2
3	16.8	23.2	19.8	75.2	17.06	15.0	0.0	7.0	7.0	2.7
4	16.4	22.8	19.6	76.6	17.06	15.0	2.4	0.2	2.6	2.5
5	16.5	25.8	20.8	61.3	14.69	12.7	0.0	1.7	1.7	5.2
6	15.8	24.8	19.9	71.3	16.46	14.5	0.2	0.0	0.2	1.5
7	15.4	24.5	19.3	81.4	18.24	15.9	0.3	0.0	0.3	4.2
8	16.0	23.8	19.9	71.6	16.41	14.3	0.2	0.0	0.2	1.5
9	16.6	22.8	18.9	80.3	17.52	15.4	2.1	0.4	2.5	1.3
10	15.5	23.5	19.2	66.4	15.02	13.0	0.3	0.0	0.3	1.3
11	15.8	22.5	19.5	65.6	14.68	12.7	0.0	0.0	0.0	0.3
12	16.5	24.5	20.0	61.6	14.54	12.5	0.0	0.0	0.0	5.0
13	18.2	26.4	20.2	61.4	14.63	12.6	0.0	0.0	0.0	3.2
14	17.4	23.8	20.0	72.3	17.17	15.0	0.0	0.0	0.0	
15	17.5	25.0	19.5	73.6	16.58	14.3	1.0	0.0	1.0	2.2
16	16.8	24.8	19.4	76.4	17.35	15.3	0.0	2.0	2.0	3.4
17	14.5	22.5	17.6	94.1	19.34	17.0	54.1	0.9	55.0	0.8
18	16.0	25.2	20.7	81.0	19.06	13.0	0.0	0.0	0.0	4.5
19	17.8	22.2	19.4	72.5	16.34	14.2	0.3	5.1	5.4	0.0
20	14.4	22.0	17.9	90.4	18.61	16.3	2.6	1.6	4.2	2.0
21	15.0	20.0	16.5	95.6	17.76	15.6	10.1	9.7	19.8	0.9
22	14.6	21.4	18.0	84.3	17.20	15.1	0.4	0.0	0.4	0.2
23	16.0	25.4	21.1	64.8	16.12	14.0	0.0	0.3	0.3	4.8
24	17.0	25.4	20.3	70.1	16.81	14.7	0.0	0.7	0.7	3.8
25	16.5	22.6	19.9	72.8	17.09	14.9	5.8	0.0	5.8	0.9
26	17.2	24.5	20.0	75.5	17.57	15.5	0.0	0.3	0.3	2.3
27	13.6	20.8	17.4	92.0	18.15	15.9	0.7	0.5	1.2	0.1
28	15.0	23.2	19.1	69.3	15.54	13.4	1.4	0.1	1.5	1.3
29	17.6	26.2	20.6	65.8	16.37	14.3	0.0	5.5	5.5	4.5
30	15.0	24.0	18.1	82.1	16.93	14.7	2.3	3.9	6.2	1.4
31	13.4	19.6	16.7	93.3	17.62	15.5	3.6	0.2	3.8	0.0
PROM	16.0	23.5	19.3	75.7	16.83	14.7	89.1	44.7	133.8	

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.968

ALTITUD: 1.540 LATITUD: 4-34 N. LONGITUD: 74-18 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	16.0	24.8	19.8	67.4	15.71	13.5	0.2	0.0	0.2	1.2
2	16.0	23.8	19.1	77.5	17.23	15.2	0.2	0.1	0.3	1.2
3	15.6	24.2	20.1	68.6	15.92	13.8	2.1	0.1	2.2	2.2
4	17.0	25.4	20.2	68.0	16.10	14.0	0.3	18.2	18.5	4.5
5	16.4	23.5	20.7	71.1	17.06	15.0	2.4	0.0	2.4	4.2
6	17.8	25.0	21.4	61.1	15.38	13.4	0.0	25.1	25.1	3.6
7	15.5	24.5	19.7	73.8	16.90	14.8	1.6	4.4	6.0	1.6
8	15.6	21.4	18.4	86.9	18.25	16.1	0.3	0.0	0.3	0.8
9	16.0	23.4	19.5	85.6	19.64	17.1	0.4	0.0	0.4	2.6
10	15.0	19.2	16.1	92.6	16.81	14.8	11.0	0.0	11.0	0.4
11	15.4	23.0	19.3	81.7	18.24	16.0	0.0	19.9	19.9	1.8
12	15.0	20.5	17.7	92.1	18.78	16.5	1.3	0.0	1.3	0.0
13	16.0	22.0	18.5	85.1	17.93	15.8	4.9	0.0	4.9	0.9
14	16.2	23.0	19.1	77.0	17.12	15.0	0.0	0.0	0.0	2.6
15	16.5	25.5	20.1	69.4	16.36	14.4	3.8	0.0	3.8	3.9
16	17.0	27.0	21.0	65.4	16.49	14.5	0.0	0.0	0.0	7.7
17	16.0	23.4	19.4	74.2	16.84	14.5	0.2	0.3	0.5	1.1
18	16.8	22.2	18.6	78.6	16.60	14.6	7.6	0.0	7.6	2.0
19	17.0	22.5	18.2	79.5	16.63	14.5	6.8	1.3	8.1	1.7
20	17.4	22.6	19.2	79.8	18.01	15.8	0.0	0.0	0.0	2.5
21	16.0	23.2	19.7	84.2	19.14	16.8	0.4	0.0	0.4	2.3
22	16.4	23.5	20.0	73.4	17.51	15.3	0.4	0.0	0.4	3.0
23	17.5	24.8	20.1	79.5	18.83	16.5	0.2	0.0	0.2	1.2
24	17.4	22.6	20.5	82.7	20.10	17.9	2.1	0.0	2.1	2.5
25	16.2	24.8	21.3	69.7	17.66	15.6	0.0	2.8	2.8	5.1
26	17.0	23.5	19.1	79.2	17.76	15.6	3.7	0.0	3.7	0.8
27	16.2	26.6	20.7	57.7	14.32	12.3	0.0	0.0	0.0	6.5
28	18.5	25.2	20.2	67.1	16.40	14.3	0.3	0.0	0.3	3.1
29	18.2	25.0	21.0	62.9	16.18	14.0	0.6	0.0	0.6	3.0
30	18.5	26.2	20.6	64.3	16.00	14.0	0.0	0.4	0.4	3.4
PROM.	16.5	23.7	19.6	75.2	17.20	15.0	50.8	72.6	123.4	77.4

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	15.8	23.5	19.2	81.1	18.32	16.1	15.0	0.0	15.0	1.8
2	15.6	23.6	18.6	88.1	19.09	16.7	14.0	0.0	14.0	1.9
3	16.0	23.8	19.9	78.8	18.45	16.2	0.0	0.0	0.0	2.5
4	16.5	22.8	19.7	75.0	16.83	14.8	1.2	0.0	1.2	1.0
5	17.0	26.2	20.7	76.2	18.66	16.3	0.0	0.0	0.0	5.6
6	17.8	23.6	20.8	66.8	16.44	14.4	6.0	2.0	8.0	2.0
7	17.0	21.5	18.3	76.8	16.12	14.1	3.2	0.2	3.4	0.3
8	17.8	21.6	18.5	79.2	17.24	15.2	0.0	0.0	0.0	0.2
9	18.0	26.5	20.8	66.4	16.60	14.6	0.0	0.0	0.0	5.3
10	17.6	25.0	21.5	62.5	16.00	14.0	0.0	0.0	0.0	5.8
11	18.0	24.8	21.2	58.6	14.82	12.7	3.0	0.0	3.0	3.9
12	17.6	24.0	19.5	78.5	18.25	16.0	0.0	0.0	0.0	0.6
13	16.2	22.5	18.9	87.8	19.27	16.9	0.1	8.0	8.1	0.2
14	16.0	24.5	18.5	90.2	19.28	16.9	9.0	37.0	46.0	2.6
15	14.8	22.8	18.1	89.9	18.80	16.5	0.2	1.3	1.5	0.9
16	16.2	21.0	17.6	95.2	19.33	17.0	8.5	1.5	10.0	0.6
17	16.6	23.5	18.0	87.9	18.87	16.5	32.0	0.0	32.0	1.1
18	15.0	21.4	18.0	89.3	18.40	16.2	0.0	0.0	0.0	0.2
19	16.5	24.5	20.3	81.8	19.46	17.1	0.0	0.0	0.0	4.3
20	17.0	26.8	21.0	70.6	17.40	15.3	0.0	1.9	1.9	6.4
21	16.8	24.0	19.3	88.9	20.09	17.5	3.1	2.0	5.1	4.1
22	16.0	20.8	18.4	79.8	17.02	14.9	3.8	0.0	3.8	0.3
23	15.8	25.6	20.0	67.2	16.12	14.1	0.0	0.0	0.0	7.1
24	18.0	26.5	21.9	63.8	17.09	15.0	0.1	2.3	2.4	6.2
25	15.2	23.8	19.7	80.2	18.68	16.3	0.9	0.0	0.9	5.8
26	15.0	25.0	20.3	73.9	17.64	15.5	0.3	1.2	1.5	6.1
27	16.6	23.5	19.3	85.2	18.98	16.7	3.5	5.9	9.4	1.3
28	15.0	18.8	16.7	92.4	17.60	15.5	0.0	0.0	0.0	0.0
29	14.8	24.5	20.2	72.6	17.32	15.1	0.0	11.6	11.6	3.0
30	16.4	24.2	19.6	83.8	18.97	16.7	3.5	17.0	20.5	3.5
31	15.0	20.8	18.3	79.7	16.93	14.7	2.2	3.2	5.4	0.5
PROM	16.4	23.6	19.4	79.0	17.87	15.7	109.6	95.1	204.7	85.1

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.988

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

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	22.6	19.2	72.5	16.44	14.3	0.2	0.0	0.2	0.7
2	16.6	21.0	18.4	84.4	18.26	16.1	2.0	5.9	7.9	0.2
3	14.8	21.8	17.9	84.8	17.18	15.0	0.4	0.0	0.4	1.2
4	16.5	24.6	20.4	72.7	17.71	15.5	0.0	0.0	0.0	3.1
5	18.0	25.5	21.8	62.1	16.52	14.4	0.0	1.2	1.2	6.4
6	16.6	24.0	19.1	86.2	19.36	17.0	0.9	0.0	0.9	1.0
7	16.0	23.8	18.5	89.0	18.99	16.7	0.3	0.1	0.4	2.3
8	16.4	21.2	18.6	92.7	20.05	17.5	8.5	1.2	9.7	1.4
9	16.2	20.4	18.3	91.2	19.32	16.9	0.3	0.0	0.3	0.3
10	16.8	22.0	18.1	81.9	16.97	14.9	7.1	3.5	10.6	1.3
11	14.5	20.4	18.0	87.8	17.97	15.8	0.0	0.0	0.0	0.5
12	16.2	20.0	18.0	87.0	17.77	15.6	3.0	0.0	3.0	0.3
13	16.4	22.6	18.5	85.4	18.21	16.0	1.9	0.0	1.9	0.4
14	16.0	21.5	19.4	83.0	18.74	16.5	0.0	0.6	0.6	1.0
15	15.8	20.8	18.4	85.4	18.41	16.2	0.3	6.6	6.9	0.1
16	15.4	20.2	18.2	86.4	17.91	15.8	4.0	0.0	4.0	1.0
17	16.8	24.0	19.3	77.3	17.83	15.6	0.2	0.0	0.2	2.7
18	15.4	25.5	19.6	83.7	19.13	16.8	0.0	17.3	17.3	4.0
19	16.0	22.5	18.6	87.3	18.70	16.4	1.3	0.3	1.6	0.3
20	15.8	23.6	19.2	83.2	18.97	16.7	9.0	0.0	9.0	2.2
21	16.0	23.8	19.1	89.9	20.09	17.5	2.7	0.4	3.1	3.0
22	16.4	25.6	19.8	84.3	19.47	17.1	2.9	32.7	35.6	4.1
23	15.4	23.8	19.3	85.0	19.15	16.8	1.0	11.0	12.0	2.6
24	15.6	21.8	18.0	91.3	18.90	16.6	5.1	0.0	5.1	0.9
25	16.0	23.5	18.8	86.6	19.18	16.8	36.5	0.8	37.3	2.8
26	15.4	20.0	17.9	92.3	18.91	16.6	0.1	0.0	0.1	0.2
27	16.4	23.0	19.2	88.9	20.07	17.6	0.4	0.0	0.4	1.5
28	16.5	22.2	19.0	83.4	18.52	16.3	2.6	0.0	2.6	1.2
29	16.6	24.8	19.2	81.9	18.86	16.5	40.6	23.5	64.1	3.4
30	16.0	24.5	18.8	82.6	18.17	16.0	0.0	0.0	0.0	5.3
PROM.	16.1	22.7	18.9	84.3	18.52	16.3	131.3	105.1	236.4	55.4

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	15.8	23.4	18.7	87.0	19.05	16.8	29.4	0.7	30.1	3.0
2	15.6	23.3	18.5	82.0	17.69	15.6	35.9	3.0	38.9	3.5
3	15.0	19.8	16.6	94.2	18.03	15.9	18.5	17.0	35.5	0.4
4	14.5	23.0	17.5	87.6	17.88	15.7	16.4	3.7	20.1	2.6
5	15.0	21.8	17.9	88.6	18.34	16.1	1.4	0.0	1.4	1.6
6	15.6	21.5	17.9	89.0	18.38	16.1	1.2	3.6	4.8	1.1
7	15.4	21.8	18.1	86.6	18.22	16.0	4.3	1.9	6.2	1.6
8	14.8	21.5	18.0	81.9	17.17	15.1	2.0	0.1	2.1	0.6
9	15.0	19.6	17.1	82.3	16.21	14.1	3.8	0.0	3.8	0.2
10	15.2	21.6	18.3	79.8	16.87	14.8	0.0	0.0	0.0	3.3
11	15.4	23.0	19.3	79.2	17.62	15.5	0.4	0.0	0.4	4.9
12	15.8	24.2	20.0	75.3	17.47	15.4	0.0	0.0	0.0	3.7
13	16.4	21.5	17.5	93.7	18.86	16.6	4.6	0.3	4.9	1.4
14	15.6	21.6	17.9	87.8	18.13	16.0	0.1	0.0	0.1	1.2
15	15.4	23.4	18.1	74.2	15.71	13.6	0.1	0.0	0.1	2.8
16	15.8	25.5	19.1	71.7	16.28	14.1	0.0	3.3	3.3	7.9
17	16.0	26.5	19.4	63.7	14.93	12.9	0.2	0.0	0.2	7.8
18	15.6	24.4	18.8	72.6	16.03	14.1	20.9	0.0	20.9	5.5
19	14.8	23.6	19.0	74.6	16.64	14.6	3.3	0.0	3.3	5.0
20	15.5	24.0	19.2	70.9	15.90	13.9	0.0	0.0	0.0	6.2
21	15.6	25.6	19.5	63.2	14.61	12.8	0.0	0.0	0.0	7.6
22	15.4	24.0	18.9	77.0	17.01	14.9	0.0	0.0	0.0	4.0
23	15.8	23.0	18.5	77.7	16.67	14.6	0.2	0.0	0.2	1.6
24	15.4	23.5	19.5	73.7	16.95	14.6	0.0	13.5	13.5	1.8
25	16.0	21.0	18.3	90.0	18.99	16.7	2.1	1.9	4.0	1.3
26	15.4	20.5	17.7	82.4	16.58	14.5	2.3	0.0	2.3	1.1
27	15.6	22.4	18.8	71.4	15.43	13.4	0.0	0.0	0.0	3.2
28	15.8	22.5	18.9	76.0	16.52	14.4	0.9	0.0	0.9	2.8
29	16.0	22.0	17.9	86.3	17.83	15.7	0.1	1.0	1.1	2.6
30	15.9	19.2	17.1	84.7	16.28	14.2	13.1	0.0	13.1	0.2
31	15.4	20.4	17.8	80.6	16.48	14.5	0.5	1.0	1.5	1.8
PROM	15.5	22.6	18.4	80.2	17.06	14.9	161.7	51.0	212.7	92.3

ESTACION: MISIONES MUNICIPIO: MESITAS COLEGIO AÑO: 1.988

ALTITUD: 1.540 LATITUD: 4-24 N. LONGITUD: 74-18 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.7	25.2	20.3	14.8	27.6	75.1	17.88	15.7	79.9	11	
FEBRERO	17.0	24.9	20.3	15.5	28.4	77.9	18.50	16.2	111.1	17	92.9
MARZO	17.2	26.3	21.2	15.0	28.9	66.5	16.54	14.4	33.2	8	128.2
ABRIL	17.0	23.4	19.8	14.8	25.8	82.1	19.01	16.6	188.9	23	
MAYO	17.3	24.0	20.2	15.4	26.0	77.2	18.36	16.0	79.6	23	
JUNIO	16.2	23.1	19.1	14.0	26.0	79.6	17.68	15.5	131.9	23	
JULIO	15.6	22.6	18.7	13.5	26.2	76.2	16.43	14.3	144.5	19	63.6
AGOSTO	16.0	23.5	19.3	13.4	26.4	75.7	16.83	14.7	133.8	26	
SEPTIEMBRE	16.5	23.7	19.6	15.0	27.0	75.2	17.20	15.0	123.4	26	77.4
OCTUBRE	16.4	23.6	19.4	14.8	26.8	79.0	17.87	15.7	204.7	21	85.1
NOVIEMBRE	16.1	22.7	18.9	14.5	25.6	84.3	18.52	16.3	236.4	27	55.4
DICIEMBRE	15.5	22.6	18.4	14.5	26.5	80.2	17.06	14.9	212.7	25	92.3
PROMEDIO	16.5	23.8	19.6	14.6	26.8	77.4	17.66	15.4			
TOTAL									1680.1	249	

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.968

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

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	26.1	20.2	70.0	16.40	14.4	0.0	0.0	0.0	7.3
2	14.0	26.0	21.5	65.4	17.18	15.1	0.0	0.0	0.0	7.6
3	14.0	25.8	20.8	70.7	17.77	15.5	0.0	14.3	14.3	5.6
4	14.0	26.5	21.4	73.4	18.70	16.4	0.0	3.4	3.4	8.1
5	17.6	25.0	20.2	77.9	18.55	16.3	0.0	0.0	0.0	6.6
6	15.6	24.5	20.0	69.9	16.73	14.7	0.0	0.0	0.0	3.9
7	15.3	25.5	21.0	67.7	17.16	15.1	0.0	0.0	0.0	7.7
8	15.5	26.0	20.5	70.3	17.31	15.2	0.0	0.0	0.0	7.5
9	16.5	26.2	20.6	70.1	17.45	15.4	0.0	0.0	0.0	7.9
10	15.6	25.6	20.1	77.8	18.67	16.4	0.0	0.0	0.0	9.2
11	14.7	26.3	20.6	65.8	16.20	14.2	0.0	0.0	0.0	7.3
12	14.6	26.3	20.5	66.0	15.93	13.9	0.0	0.0	0.0	8.3
13	14.5	26.5	20.8	63.1	15.56	13.5	0.0	0.0	0.0	8.1
14	15.0	26.5	20.1	76.7	18.04	15.9	0.0	0.9	0.9	6.3
15	17.0	24.5	19.9	81.1	18.93	16.6	0.0	0.0	0.0	4.0
16	15.6	22.0	18.4	93.1	20.04	17.5	1.1	0.1	1.2	0.9
17	15.6	23.7	18.2	87.0	18.20	16.0	0.2	1.6	1.8	2.5
18	14.6	24.1	18.7	83.2	17.91	15.8	0.5	0.7	1.2	5.9
19	16.5	24.0	19.0	84.3	18.72	16.5	1.1	0.3	1.4	6.3
20	15.0	25.5	19.6	77.8	18.00	15.8	0.0	0.0	0.0	2.1
21	15.4	24.5	19.7	75.2	17.11	15.0	0.0	0.0	0.0	6.5
22	14.4	24.0	19.5	70.1	15.98	14.0	0.0	0.0	0.0	1.4
23	14.5	25.0	19.3	67.5	15.29	13.3	0.0	0.0	0.0	7.3
24	15.0	25.1	20.6	67.4	16.74	14.7	0.0	0.0	0.0	6.9
25	15.5	26.0	20.1	68.3	16.60	14.6	0.0	0.0	0.0	6.4
26	14.6	25.5	19.7	58.2	13.48	11.4	0.0	0.0	0.0	5.8
27	14.8	24.5	18.8	74.7	16.41	14.4	0.2	0.0	0.2	1.4
28	16.0	24.8	19.3	78.8	17.71	15.5	0.0	0.0	0.0	4.8
29	16.0	22.5	18.6	84.9	18.39	16.1	2.6	0.0	2.6	0.4
30	15.1	25.0	19.6	73.5	16.86	14.8	0.0	0.0	0.0	5.8
31	14.6	24.8	19.0	68.7	15.09	13.1	0.0	0.0	0.0	3.9
PROM.	15.2	25.1	19.9	73.5	17.20	15.1	5.7	21.3	27.0	173.7

M E S – FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	28.0	21.1	65.0	15.86	13.6	0.0	0.0	0.0	8.5
2	16.2	26.4	21.0	57.0	14.41	12.4	0.0	0.0	0.0	4.5
3	14.7	25.5	20.3	72.9	17.19	15.1	0.0	1.3	1.3	2.6
4	16.8	23.5	18.8	91.2	19.84	17.4	3.3	0.0	3.3	1.2
5	15.8	24.0	18.7	81.0	17.94	15.8	0.0	0.0	0.0	2.8
6	15.6	24.6	19.4	78.9	17.95	15.8	0.0	0.6	0.6	3.4
7	16.4	20.7	18.0	86.0	17.88	15.7	0.4	0.2	0.6	0.7
8	16.6	25.0	21.1	68.9	17.06	15.0	0.0	0.0	0.0	4.6
9	16.4	24.5	20.4	76.3	18.32	16.1	0.0	0.0	0.0	3.6
10	16.9	25.5	20.9	75.4	18.67	16.4	0.0	3.3	3.3	2.7
11	14.8	23.5	19.2	80.3	17.86	15.6	0.3	3.4	3.7	0.4
12	16.4	24.0	19.7	81.3	18.66	16.4	0.0	39.5	39.5	4.3
13	15.9	22.4	18.4	93.7	19.97	17.5	1.7	0.1	1.8	0.7
14	14.9	23.2	18.7	85.5	18.51	16.3	0.0	0.0	0.0	5.0
15	15.0	26.5	20.7	69.2	17.10	15.0	0.0	0.0	0.0	8.2
16	15.7	25.5	21.0	75.7	18.86	16.5	0.0	0.0	0.0	6.3
17	16.0	26.0	20.6	72.5	17.42	15.3	0.0	0.0	0.0	4.1
18	15.7	27.0	21.4	65.9	16.75	14.7	0.0	0.0	0.0	7.7
19	15.5	26.5	21.2	74.9	18.67	16.4	0.0	0.0	0.0	8.9
20	14.8	26.7	21.4	65.9	16.61	14.5	0.0	0.0	0.0	7.9
21	16.2	24.8	20.3	74.9	17.97	15.8	6.7	0.1	6.8	
22	17.0	23.7	20.4	89.3	21.43	18.6	0.0	0.0	0.0	0.8
23	16.4	26.0	20.8	78.6	19.27	16.9	0.0	0.0	0.0	4.6
24	16.3	25.2	20.4	83.9	20.64	18.0	0.0	0.4	0.4	3.5
25	16.0	24.8	19.6	89.0	20.41	17.8	4.9	3.5	8.4	1.7
26	15.7	24.0	19.5	87.3	20.05	17.5	0.0	0.0	0.0	1.0
27	16.5	21.3	17.9	92.8	19.46	17.1	6.0	6.6	12.6	0.1
28	15.0	23.1	18.2	88.4	18.44	16.2	0.0	0.0	0.0	1.5
29	16.1	23.5	18.9	83.7	18.31	16.1	0.3	8.0	8.3	3.1
PROM	15.9	24.7	19.9	78.8	18.33	16.1	23.6	67.0	90.6	

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.988

ALTITUD: 1.550 LATITUD: 4-21 N. LONGITUD: 74-25 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	16.8	23.0	18.3	87.3	18.64	16.4	0.0	0.0	0.0	2.7
2	16.4	23.2	19.2	78.7	17.49	15.4	0.0	0.0	0.0	4.1
3	15.0	25.0	20.1	68.5	16.41	14.3	0.0	0.0	0.0	6.8
4	15.3	26.0	20.1	62.6	14.73	12.7	0.0	0.0	0.0	8.0
5	14.9	26.6	20.8	60.3	15.00	13.1	0.0	0.0	0.0	8.8
6	14.8	25.2	20.0	71.3	16.82	14.8	0.0	0.0	0.0	4.4
7	14.9	26.0	20.8	69.2	16.81	14.7	0.0	0.0	0.0	4.8
8	16.4	26.0	21.3	75.9	18.80	16.5	0.0	59.5	59.5	3.2
9	16.5	22.0	18.9	92.9	20.38	17.8	2.8	6.1	8.9	0.1
10	15.5	25.0	19.5	83.9	19.03	16.7	0.0	0.0	0.0	3.5
11	15.4	24.6	19.3	80.7	18.12	15.9	0.0	0.0	0.0	3.9
12	15.0	24.5	20.0	75.4	17.48	15.4	0.0	0.0	0.0	3.3
13	16.0	25.4	20.6	68.4	16.30	14.3	0.9	1.2	2.1	
14	15.0	25.0	20.3	75.4	17.85	15.7	0.0	0.1	0.1	3.9
15	15.2	24.3	20.3	80.2	18.94	16.6	0.0	0.0	0.0	4.0
16	14.8	22.4	18.4	89.6	19.02	16.7	0.0	0.0	0.0	0.8
17	14.7	24.4	19.7	72.1	16.46	14.4	0.0	0.0	0.0	5.6
18	16.0	25.5	20.2	77.5	18.35	16.2	0.0	0.0	0.0	4.1
19	15.0	26.0	20.6	64.7	15.76	13.8	0.0	0.0	0.0	8.2
20	15.2	24.8	19.8	73.3	16.91	14.7	0.0	0.0	0.0	3.0
21	16.0	26.2	20.8	64.6	15.86	13.8	0.0	0.0	0.0	4.5
22	14.0	26.6	21.3	57.7	14.59	12.6	0.0	0.0	0.0	8.6
23	14.4	26.0	20.4	56.7	13.95	11.9	0.0	0.0	0.0	7.5
24	14.0	25.8	20.5	61.5	15.07	13.1	0.0	0.0	0.0	5.4
25	14.6	26.8	21.1	57.3	14.04	11.9	0.0	0.0	0.0	7.6
26	15.3	24.6	19.4	73.5	17.04	14.9	0.0	0.0	0.0	1.9
27	15.2	23.2	19.5	76.3	17.21	15.1	0.0	0.0	0.0	1.3
28	16.2	24.4	20.4	69.6	16.99	14.9	0.0	0.0	0.0	0.7
29	16.3	24.8	20.2	78.9	18.96	16.7	0.0	0.0	0.0	1.8
30	17.0	25.2	20.1	70.5	16.80	14.6	0.0	0.0	0.0	1.2
31	16.4	25.0	20.1	73.7	17.41	15.3	2.2	0.0	2.2	2.9
PROM.	15.4	25.0	20.1	72.5	17.01	14.9	5.9	66.9	72.8	

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	17.2	24.0	20.0	75.2	17.67	15.6	0.0	0.0	0.0	0.7
2	16.8	25.0	20.2	79.3	18.63	16.3	3.0	0.0	3.0	2.2
3	15.4	25.8	21.2	73.7	18.21	15.8	0.0	9.7	9.7	1.4
4	15.8	25.0	20.2	78.2	18.50	16.2	0.0	0.0	0.0	1.1
5	17.4	24.4	20.6	78.0	19.04	16.7	0.0	0.0	0.0	1.9
6	17.0	21.8	16.9	95.7	18.72	16.4	13.0	0.2	13.2	0.0
7	14.9	21.5	18.7	83.4	18.10	15.9	0.2	0.0	0.2	0.1
8	16.0	22.0	19.0	82.1	18.30	16.1	0.0	0.0	0.0	2.1
9	16.8	21.8	18.8	87.7	19.21	16.9	0.0	0.0	0.0	0.7
10	16.4	22.5	19.1	90.3	20.02	17.5	1.7	7.3	9.0	0.5
11	16.2	22.0	18.9	89.6	19.60	17.2	0.0	9.2	9.2	0.1
12	16.5	21.3	18.3	91.5	19.31	17.0	2.3	9.5	11.8	0.4
13	13.9	18.4	16.9	98.1	18.93	16.6	2.5	0.0	2.5	0.0
14	14.0	22.2	19.0	91.7	19.67	17.2	0.0	0.0	0.0	2.7
15	16.0	22.0	18.8	92.1	20.29	17.7	0.7	5.8	6.5	1.9
16	15.4	23.8	20.0	83.7	20.01	17.5	0.3	0.2	0.5	6.3
17	15.0	23.6	19.3	85.9	19.47	17.1	0.7	0.0	0.7	4.1
18	15.8	24.7	20.1	76.3	18.03	15.9	0.0	0.0	0.0	7.1
19	16.0	24.1	19.6	76.3	17.87	15.7	0.0	0.0	0.0	2.6
20	16.0	24.2	19.7	84.7	19.78	17.4	0.0	0.0	0.0	3.9
21	16.8	21.7	19.2	82.5	18.35	16.1	0.0	0.0	0.0	1.7
22	16.8	21.5	17.9	88.3	18.41	16.2	4.9	0.0	4.9	2.4
23	15.0	24.2	19.4	77.3	17.55	15.4	0.0	0.0	0.0	7.4
24	15.2	24.6	20.4	76.7	18.66	16.4	0.0	0.0	0.0	7.1
25	15.5	23.7	19.3	75.0	17.05	15.0	0.0	0.0	0.0	5.1
26	16.0	23.0	19.5	75.4	17.40	15.3	0.0	0.0	0.0	3.5
27	16.0	22.8	19.1	85.3	19.15	16.8	0.0	0.0	0.0	1.9
28	15.4	24.3	20.2	77.9	18.44	16.2	0.0	0.0	0.0	5.4
29	16.0	22.5	18.7	90.0	20.10	17.5	5.1	0.0	5.1	1.3
30	15.4	23.4	18.7	78.1	18.71	16.6	1.2	5.0	6.2	2.5
PROM	15.9	23.1	19.3	83.3	18.71	16.4	35.6	46.5	82.5	78.1

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.988

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	16.0	25.0	19.8	79.5	18.38	16.2	0.0	0.8	0.8	5.7
2	16.8	20.8	17.4	97.2	19.40	17.0	3.7	0.0	3.7	0.8
3	15.7	23.0	18.7	87.0	18.86	16.6	0.0	0.0	0.0	4.6
4	16.6	19.4	17.6	94.9	19.09	16.8	1.5	0.0	1.5	0.0
5	14.0	23.1	18.9	78.4	17.03	15.0	0.0	0.0	0.0	4.4
6	16.0	22.6	18.9	84.2	18.43	16.2	0.6	1.0	1.6	3.9
7	16.2	23.4	19.0	82.7	18.09	15.9	0.2	0.0	0.2	4.2
8	15.8	23.7	19.3	80.9	18.38	16.2	0.0	1.8	1.8	3.2
9	16.0	23.3	19.5	79.3	18.08	15.9	0.0	4.2	4.2	1.1
10	17.0	22.5	19.5	79.0	18.04	15.8	0.3	0.0	0.3	1.7
11	15.9	23.2	19.6	75.6	17.75	15.6	0.0	0.0	0.0	2.3
12	16.0	21.2	18.1	79.1	16.58	14.6	0.0	0.0	0.0	2.7
13	15.4	23.1	19.3	78.4	17.78	15.6	0.0	0.0	0.0	3.4
14	16.5	23.7	19.0	82.3	18.15	16.0	13.4	0.0	13.4	2.5
15	15.5	22.8	18.8	79.9	17.55	15.5	14.8	0.0	14.8	2.5
16	14.0	24.7	20.2	76.4	17.75	15.6	0.0	0.0	0.0	9.4
17	16.5	24.0	19.3	79.6	18.01	15.8	0.8	0.0	0.8	4.7
18	15.2	22.2	18.8	83.1	17.88	15.7	0.0	0.0	0.0	4.4
19	15.4	22.7	18.8	83.0	18.09	15.9	0.8	0.0	0.8	2.8
20	15.2	21.8	18.3	92.7	19.55	17.1	0.2	0.0	0.2	0.5
21	14.7	22.5	18.5	86.5	18.50	16.3	0.0	0.0	0.0	2.5
22	16.0	24.0	19.5	80.2	18.43	16.2	0.0	0.0	0.0	3.7
23	16.4	24.4	18.9	80.4	18.33	16.1	7.9	0.0	7.9	0.8
24	16.0	26.5	21.0	71.5	17.42	15.3	0.0	0.2	0.2	6.0
25	16.7	24.4	20.6	80.0	19.63	17.2	0.4	0.5	0.9	2.7
26	16.8	24.6	19.9	77.6	18.09	15.9	0.0	0.0	0.0	1.4
27	16.0	25.2	19.7	77.9	18.42	16.1	0.0	0.0	0.0	7.1
28	15.0	22.4	18.9	81.3	18.24	16.0	0.5	0.2	0.7	4.2
29	15.9	25.7	20.8	77.6	19.20	16.8	0.0	2.2	2.2	8.1
30	15.0	23.6	20.4	66.7	16.18	14.2	0.0	0.7	0.7	3.9
31	15.2	24.6	20.2	65.0	15.77	13.8	0.3	15.1	15.4	6.7
PROM.	15.8	23.4	19.3	80.6	18.10	15.9	45.4	26.7	72.1	111.9

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	15.8	21.0	18.4	91.0	19.26	16.9	2.0	0.0	2.0	1.8
2	14.6	23.5	18.8	84.7	18.47	16.2	0.5	1.2	1.7	2.5
3	15.7	22.0	18.8	85.6	18.69	16.4	0.0	0.0	0.0	1.5
4	15.2	22.2	18.8	79.5	17.62	15.5	0.0	1.4	1.4	1.1
5	15.7	23.2	18.2	83.7	17.63	15.5	0.0	0.0	0.0	6.4
6	14.7	24.0	19.5	66.8	15.45	13.5	0.0	0.0	0.0	3.9
7	14.0	25.4	20.6	65.6	15.53	13.5	0.0	0.0	0.0	6.6
8	15.2	25.0	20.6	65.9	16.32	14.2	0.0	0.0	0.0	4.2
9	16.4	24.0	20.4	75.3	18.34	16.2	0.0	0.0	0.0	3.7
10	16.8	21.4	18.1	89.5	18.87	16.6	1.5	0.0	1.5	1.7
11	15.2	19.0	17.2	92.0	18.34	16.1	11.1	0.0	11.1	0.5
12	15.0	22.6	18.4	80.1	17.04	15.0	3.1	0.0	3.1	3.7
13	14.0	22.4	19.2	74.6	16.70	14.6	0.0	0.0	0.0	1.8
14	16.5	21.0	18.7	85.4	18.82	16.5	0.9	0.0	0.9	1.5
15	15.2	24.4	20.0	72.2	17.15	15.1	0.0	0.0	0.0	6.3
16	15.0	23.0	19.5	68.7	15.87	13.8	0.3	0.0	0.3	3.0
17	14.9	21.2	18.1	87.8	18.16	16.0	0.1	1.0	1.1	0.6
18	16.8	18.5	16.5	97.1	18.53	16.3	10.2	0.5	10.7	0.2
19	14.8	23.0	18.6	80.7	17.73	15.6	5.4	0.4	5.8	4.2
20	13.8	24.8	19.5	74.9	16.84	14.8	0.0	0.0	0.0	6.2
21	16.4	23.0	18.6	83.6	18.50	16.2	12.2	0.0	12.2	3.0
22	14.8	25.5	20.8	72.2	17.62	15.5	0.0	0.2	0.2	7.6
23	16.5	25.3	19.6	78.3	17.99	15.8	0.0	0.0	0.0	3.7
24	15.5	22.0	18.0	87.4	18.14	16.0	0.4	3.9	4.3	1.4
25	15.0	21.0	17.2	84.2	16.61	14.6	1.7	0.0	1.7	0.1
26	14.8	22.5	18.9	82.9	18.09	15.9	1.7	0.0	1.7	3.2
27	14.5	23.0	18.4	76.0	16.47	14.4	0.0	5.8	5.8	4.4
28	16.0	21.8	18.6	77.7	17.31	15.2	5.2	0.0	5.2	2.3
29	14.0	22.4	18.4	77.6	16.62	14.6	0.2	0.4	0.6	3.0
30	14.8	23.6	19.2	70.6	16.11	14.1	0.0	0.2	0.2	4.2
PROM	15.3	22.7	18.9	79.7	17.49	15.4	56.5	15.0	71.5	94.3

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.988

ALTITUD: 1.550 LATITUD: 4-21 N. LONGITUD: 74-25 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	14.5	23.5	19.1	77.2	17.10	15.1	0.0	0.0	0.0	2.4
2	14.4	21.5	18.0	83.7	17.42	15.3	3.0	0.3	3.3	1.6
3	15.5	22.5	18.6	78.7	17.20	15.1	0.0	0.0	0.0	3.5
4	15.0	21.5	17.4	81.6	16.51	14.5	2.1	4.5	6.6	0.8
5	15.0	20.4	17.4	87.2	17.44	15.4	0.1	1.7	1.8	0.6
6	15.5	23.0	18.1	82.6	17.43	15.4	1.4	1.8	3.2	1.0
7	14.0	23.2	18.2	78.7	16.31	14.3	2.8	1.3	4.1	4.1
8	15.3	22.5	18.2	83.3	17.35	15.3	0.7	1.0	1.7	2.1
9	14.5	21.5	17.9	85.5	17.95	15.8	0.0	0.0	0.0	2.9
10	14.0	23.4	18.8	76.5	17.15	15.1	0.0	0.0	0.0	4.5
11	13.9	22.0	18.1	79.5	16.47	14.5	0.0	0.0	0.0	0.3
12	14.5	20.4	17.9	80.2	16.73	14.7	0.1	6.4	6.5	2.3
13	14.0	19.6	16.0	86.8	15.78	13.8	3.4	0.0	3.4	0.8
14	13.0	24.2	19.1	61.8	13.83	11.6	0.0	0.0	0.0	9.8
15	13.5	24.5	19.6	65.6	14.84	12.8	0.0	0.0	0.0	7.1
16	15.8	24.0	19.5	70.3	16.48	14.4	0.0	0.0	0.0	5.4
17	14.0	23.8	18.4	75.9	16.36	14.4	0.0	0.0	0.0	4.8
18	14.5	23.2	18.0	82.4	17.13	15.1	0.3	0.0	0.3	3.4
19	14.0	22.6	18.7	78.2	16.89	14.8	0.0	0.0	0.0	3.9
20	14.0	24.0	18.2	78.3	16.43	14.4	0.3	0.0	0.3	3.7
21	14.2	22.5	18.4	79.1	16.97	14.9	0.0	0.0	0.0	2.3
22	15.0	22.6	18.8	83.4	18.20	16.0	0.0	0.0	0.0	2.3
23	14.0	21.8	17.9	81.0	16.78	14.7	0.0	0.0	0.0	0.7
24	16.0	23.0	18.9	77.4	17.19	15.1	0.0	11.4	11.4	2.2
25	15.5	22.3	18.3	85.2	17.74	15.6	7.3	68.3	75.6	1.1
26	15.5	19.6	16.5	89.1	16.74	14.7	1.3	0.0	1.3	0.1
27	13.0	24.4	19.2	76.0	16.97	14.9	0.0	0.0	0.0	8.6
28	16.0	24.2	19.2	76.3	17.01	15.0	0.0	0.0	0.0	3.2
29	15.5	24.0	19.2	75.5	17.05	15.0	0.0	0.0	0.0	3.1
30	16.0	22.0	18.2	83.1	17.91	15.7	21.3	0.1	21.4	1.6
31	14.9	22.4	17.5	79.4	15.88	13.8	0.5	0.0	0.5	3.6
PROM.	14.7	22.6	18.3	79.3	16.81	14.7	44.6	96.8	141.4	93.8

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	14.5	24.8	20.4	69.9	16.85	14.7	0.0	0.0	0.0	8.5
2	15.5	23.2	18.8	81.8	17.67	15.5	0.5	0.0	0.5	3.6
3	14.5	24.0	19.4	82.0	16.53	14.3	0.0	0.0	0.0	2.8
4	16.0	24.6	19.3	78.4	17.49	15.4	0.0	0.0	0.0	3.9
5	15.4	24.7	19.7	63.5	14.90	12.9	0.0	2.6	2.6	4.0
6	15.0	24.4	19.2	79.2	17.78	15.6	0.0	0.0	0.0	2.1
7	14.5	24.6	19.7	78.8	18.37	16.2	0.0	1.0	1.0	5.3
8	16.0	22.0	18.8	79.8	17.52	15.4	0.0	0.0	0.0	0.9
9	16.0	23.8	18.2	80.4	17.02	15.0	0.5	0.0	0.5	1.7
10	15.4	22.9	18.6	72.8	15.90	13.9	1.3	0.0	1.3	3.3
11	14.8	21.5	18.1	81.8	16.98	14.9	0.5	0.0	0.5	1.2
12	14.0	24.2	19.9	67.0	15.72	13.7	0.0	0.0	0.0	5.4
13	16.5	24.0	19.6	67.6	15.57	13.6	0.0	0.0	0.0	1.3
14	15.8	23.7	19.0	79.1	17.36	15.3	0.0	0.0	0.0	3.0
15	16.0	23.8	18.7	83.2	18.66	16.3	2.6	0.2	2.8	4.5
16	15.0	22.5	18.6	75.3	16.38	14.4	0.0	0.0	0.0	0.4
17	15.1	21.5	17.0	88.5	17.08	15.0	15.0	0.1	15.1	0.4
18	14.5	24.0	18.8	77.6	16.87	14.8	0.0	2.7	2.7	3.9
19	16.0	23.2	18.9	77.4	16.83	14.8	0.0	1.5	1.5	1.6
20	15.5	22.4	17.7	85.0	17.32	15.2	2.6	1.5	4.1	1.7
21	15.8	20.2	16.8	92.0	17.69	15.6	13.9	19.5	33.4	0.7
22	14.8	24.0	17.9	77.1	15.83	13.8	0.1	0.0	0.1	0.9
23	15.0	24.2	19.3	76.0	16.97	15.0	0.0	3.4	3.4	7.4
24	15.3	23.9	19.5	73.6	16.71	14.7	0.0	0.0	0.0	5.7
25	16.0	23.5	18.5	80.8	17.56	15.4	1.9	0.0	1.9	3.1
26	15.5	22.8	19.1	79.3	17.75	15.6	0.0	0.0	0.0	4.7
27	15.3	23.7	18.5	82.9	17.70	15.6	6.7	0.1	6.8	1.8
28	14.4	22.3	18.3	75.8	16.20	14.2	0.0	0.0	0.0	0.5
29	14.2	23.2	19.0	72.9	16.30	14.3	0.0	10.5	10.5	4.2
30	15.5	22.3	17.4	80.6	16.17	14.2	0.4	0.0	0.4	0.5
31	14.5	20.6	17.0	88.9	17.10	15.0	0.7	2.2	2.9	0.7
PROM	15.2	23.2	18.7	78.4	16.99	14.9	46.7	45.3	92.0	89.7

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.988

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	24.4	19.3	81.4	18.34	16.1	0.4	0.3	0.7	1.2
2	15.7	21.0	19.2	85.2	18.64	16.4	2.2	0.1	2.3	1.1
3	15.0	22.8	18.5	85.6	18.51	16.3	1.1	0.0	1.1	
4	14.7	23.8	18.8	86.0	18.92	16.6	0.6	0.0	0.6	
5	14.5	24.3	19.4	78.3	17.83	15.7	0.0	0.0	0.0	4.1
6	14.8	25.2	20.1	80.5	18.52	16.2	0.0	11.0	11.0	5.3
7	15.2	23.4	19.2	81.4	18.05	15.9	0.0	0.0	0.0	2.6
8	16.0	21.8	17.9	85.1	17.72	15.6	0.0	0.0	0.0	0.7
9	14.0	24.0	19.1	77.7	17.28	15.2	0.0	0.0	0.0	7.7
10	15.0	20.6	16.3	89.6	16.83	14.8	0.0	0.0	0.0	1.8
11	14.8	23.8	19.3	80.5	18.35	16.2	0.0	20.0	20.0	2.6
12	15.0	20.8	17.5	90.8	18.35	16.1	0.0	0.0	0.0	0.1
13	15.2	21.0	17.1	88.2	17.64	15.5	0.0	0.0	0.0	0.5
14	14.5	22.5	18.6	78.9	16.97	14.9	0.0	0.0	0.0	3.3
15	14.0	24.5	19.3	76.2	17.34	15.3	0.0	0.0	0.0	7.5
16	14.5	25.8	20.1	75.5	17.82	15.7	0.0	1.0	1.0	8.2
17	16.0	23.5	18.2	88.1	18.43	16.2	0.0	0.0	0.0	1.7
18	15.4	22.0	18.6	88.3	19.06	16.8	0.0	0.0	0.0	3.1
19	15.5	19.8	17.5	91.7	18.52	16.3	0.0	1.0	1.0	1.7
20	15.6	23.2	19.0	85.1	19.39	16.9	0.0	3.0	3.0	5.4
21	15.0	23.4	17.9	78.8	16.42	14.4	0.0	0.0	0.0	5.8
22	14.5	22.6	19.0	78.1	17.35	15.3	1.0	0.0	1.0	3.8
23	15.0	23.8	19.3	80.6	18.32	16.1	0.0	0.8	0.8	2.5
24	15.5	24.4	20.0	75.6	18.08	15.9	0.9	0.0	0.9	4.6
25	14.0	24.0	19.9	74.5	17.58	15.5	0.0	0.0	0.0	4.2
26	15.2	23.6	18.9	85.1	19.00	16.7	0.0	0.0	0.0	2.1
27	15.0	25.0	19.8	75.0	17.44	15.3	0.0	0.0	0.0	6.4
28	16.5	23.7	19.3	75.8	17.27	15.2	0.0	0.0	0.0	3.4
29	15.5	23.8	18.5	84.3	18.28	16.1	1.8	0.0	1.8	2.2
30	15.0	25.0	19.2	76.7	17.09	15.1	1.7	0.2	1.9	4.4
PROM.	15.1	23.3	18.8	82.0	17.98	15.8	9.7	37.4	47.1	

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	15.0	24.7	18.8	82.5	17.89	15.7	0.0	5.2	5.2	3.6
2	15.7	23.0	18.7	83.4	18.14	16.0	0.0	2.8	2.8	
3	14.0	22.6	18.5	83.9	17.99	15.8	0.0	0.0	0.0	6.0
4	15.2	22.3	19.6	74.8	17.16	15.1	0.0	0.0	0.0	2.5
5	15.0	25.0	20.5	71.4	17.82	15.7	0.0	0.0	0.0	7.1
6	16.2	23.4	20.0	76.9	18.05	15.8	0.0	0.8	0.8	2.6
7	16.5	23.2	18.7	79.4	17.43	15.4	0.0	0.0	0.0	1.8
8	16.0	20.6	17.8	80.6	16.79	14.8	2.1	0.0	2.1	5.1
9	15.0	24.6	19.3	68.4	15.66	13.7	0.0	0.0	0.0	
10	14.2	25.4	20.0	69.2	16.43	14.4	0.0	0.0	0.0	7.1
11	14.4	24.2	19.4	69.2	16.02	14.0	1.4	0.0	1.4	4.4
12	16.0	23.0	18.6	80.0	17.47	15.3	1.4	2.6	4.0	1.9
13	16.2	21.2	17.4	92.0	18.69	16.4	3.9	1.0	4.9	0.4
14	15.5	21.0	18.2	87.5	18.46	16.2	9.5	5.2	14.7	0.5
15	15.0	20.6	18.0	90.1	18.50	16.3	0.4	15.0	15.4	0.4
16	15.8	21.4	18.6	88.4	19.05	16.7	1.8	1.0	2.8	0.4
17	16.0	22.6	19.3	85.1	19.22	16.9	7.3	13.7	21.0	1.9
18	15.0	21.5	18.0	82.0	17.24	15.2	0.0	2.7	2.7	1.0
19	15.5	24.4	20.4	78.1	18.78	16.5	0.0	0.0	0.0	8.3
20	16.0	25.0	20.0	77.0	18.37	16.2	0.0	13.7	13.7	8.4
21	16.2	22.0	18.1	85.5	18.07	15.9	1.4	6.4	7.8	1.8
22	15.0	21.0	17.3	82.0	16.54	14.6	0.0	0.0	0.0	1.5
23	13.5	25.0	19.6	73.1	17.10	15.0	0.0	0.0	0.0	9.0
24	15.5	23.8	20.0	73.8	17.73	15.5	0.5	0.0	0.5	4.9
25	15.0	23.0	19.2	78.9	17.90	15.7	2.0	0.8	2.8	5.1
26	14.1	23.4	19.7	81.1	18.94	16.6	0.0	9.1	9.1	6.6
27	15.4	22.8	18.9	86.4	19.04	16.7	0.3	1.0	1.3	3.2
28	15.0	20.0	17.1	91.3	18.16	16.0	1.6	0.0	1.6	0.0
29	13.2	22.0	19.3	77.8	17.81	15.6	0.0	0.0	0.0	4.0
30	15.8	24.6	19.9	79.2	18.66	16.4	0.0	2.0	2.0	8.4
31	16.8	23.0	19.4	80.2	17.96	15.8	0.0	0.0	0.0	4.7
PROM	15.3	22.9	19.0	80.3	17.84	15.7	33.6	83.0	116.5	

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.988

ALTITUD: 1.550 LATITUD: 4-21 N. LONGITUD: 74-25 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	14.5	22.5	18.3	81.1	17.69	15.5	0.0	0.0	0.0	1.4
2	14.6	21.5	18.6	82.4	17.84	15.7	1.8	3.1	4.9	0.4
3	15.5	21.6	17.5	87.4	17.71	15.8	6.6	0.0	6.6	1.5
4	14.5	22.0	18.6	78.8	17.04	15.0	0.0	0.0	0.0	4.6
5	14.6	24.6	20.0	77.9	18.35	16.2	0.0	2.3	2.3	5.9
6	16.0	21.0	17.4	91.7	18.44	16.2	8.9	0.0	8.9	0.9
7	15.0	23.0	18.9	86.4	19.15	16.8	1.8	6.6	8.4	5.0
8	15.2	21.2	17.2	90.4	17.98	15.8	7.7	3.2	10.9	2.1
9	14.8	21.6	17.9	84.7	17.81	15.7	2.1	0.0	2.1	1.1
10	15.4	22.0	18.4	80.1	17.14	15.0	0.0	0.1	0.1	3.2
11	15.0	20.5	18.1	87.5	18.20	16.0	0.1	4.3	4.4	0.2
12	16.0	21.2	17.7	91.1	18.46	16.2	2.6	0.0	2.6	0.5
13	14.5	22.0	18.0	86.1	18.10	15.9	0.5	0.0	0.5	0.8
14	14.7	22.5	18.8	83.6	18.22	16.0	0.0	1.3	1.3	1.9
15	15.5	21.5	18.4	84.3	18.00	15.8	2.0	1.5	3.5	0.3
16	16.0	21.0	17.1	95.4	18.52	16.3	4.2	0.0	4.2	1.0
17	16.2	24.0	18.3	83.5	17.98	15.8	3.1	0.0	3.1	3.5
18	15.5	22.4	18.9	83.8	18.87	16.6	3.3	19.5	22.8	3.9
19	15.6	22.5	19.0	87.3	19.44	17.0	0.0	1.3	1.3	1.4
20	16.3	22.2	18.4	90.1	19.48	17.1	9.0	0.0	9.0	0.7
21	14.5	22.5	18.5	89.6	19.38	17.0	8.5	0.0	8.5	3.7
22	16.5	23.2	19.0	87.2	19.45	17.0	9.3	2.1	11.4	2.7
23	15.0	22.8	18.9	93.2	18.56	16.3	5.1	16.2	21.3	5.7
24	16.0	20.8	17.5	96.3	19.48	17.1	7.5	1.0	8.5	0.5
25	15.0	21.5	18.6	90.8	19.64	17.2	14.9	2.0	16.9	1.2
26	14.5	21.4	18.4	83.2	17.92	15.8	0.0	0.0	0.0	1.1
27	16.4	24.0	19.7	78.0	18.06	15.9	0.0	0.0	0.0	3.5
28	16.0	22.5	18.5	87.0	18.83	16.5	0.8	0.0	0.8	1.8
29	15.2	22.6	19.2	83.2	18.70	16.5	2.9	0.1	3.0	2.8
30	14.0	23.5	18.9	86.5	19.09	16.8	0.7	0.8	1.5	5.0
PROM.	15.3	22.2	18.4	86.0	18.45	16.2	103.4	65.4	168.8	68.3

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	15.4	20.2	18.1	91.3	19.38	17.6	12.0	0.5	12.5	0.2
2	15.0	22.5	18.8	86.7	19.19	16.8	7.2	6.4	13.6	4.2
3	15.5	19.3	16.9	94.3	18.29	16.1	18.2	16.2	34.4	0.2
4	15.2	22.0	17.6	89.9	18.53	16.3	2.5	7.4	9.9	3.1
5	14.8	21.2	17.2	91.0	18.00	15.8	0.0	8.8	8.8	0.3
6	15.5	20.5	17.9	90.1	18.47	16.3	3.6	21.3	24.9	0.6
7	15.2	22.2	18.1	86.1	18.09	15.9	0.0	0.0	0.0	5.6
8	14.4	21.2	17.5	86.5	17.69	15.6	17.2	0.0	17.2	0.8
9	15.0	20.2	16.4	91.7	17.53	15.4	1.0	0.0	1.0	0.0
10	14.0	23.5	19.3	73.4	16.97	14.9	0.0	0.0	0.0	7.2
11	15.1	24.4	19.0	77.6	17.46	15.4	0.0	0.0	0.0	7.3
12	15.0	23.5	18.9	78.4	17.50	15.4	0.3	0.0	0.3	6.9
13	14.5	22.0	18.2	85.9	18.26	16.1	0.0	0.0	0.0	2.0
14	15.4	21.6	17.6	83.8	17.23	15.1	0.1	0.0	0.1	1.8
15	14.0	22.5	18.3	80.5	17.31	15.2	0.0	0.0	0.0	4.7
16	13.5	24.0	19.0	75.6	16.94	14.9	0.0	0.0	0.0	7.9
17	14.5	24.2	19.0	84.6	18.75	16.5	0.1	0.1	0.2	6.8
18	14.0	23.8	18.7	78.3	17.42	15.3	0.0	0.0	0.0	4.1
19	13.0	23.4	18.1	83.6	17.51	15.4	0.0	0.0	0.0	5.5
20	14.8	24.0	18.5	71.6	15.86	13.8	0.0	0.0	0.0	7.5
21	13.4	24.6	18.6	69.3	15.42	13.4	0.0	0.0	0.0	9.1
22	12.8	23.6	18.8	76.5	17.14	15.0	0.3	0.0	0.3	6.7
23	15.5	22.7	18.7	80.7	17.85	15.7	0.0	0.0	0.0	2.8
24	14.5	23.5	18.5	82.9	17.79	15.6	0.0	4.4	4.4	6.4
25	15.6	22.2	18.0	88.7	18.81	16.5	0.0	1.2	1.3	3.7
26	15.5	21.0	17.7	85.5	17.68	15.6	0.6	0.0	0.6	1.0
27	13.0	23.5	18.7	73.3	15.94	13.9	0.0	0.0	0.0	8.5
28	14.5	23.3	18.4	83.3	17.89	15.7	0.0	0.0	0.0	6.5
29	14.7	23.0	18.6	83.4	18.03	15.8	0.0	0.4	0.4	4.2
30	14.8	21.6	17.8	85.7	17.74	15.6	0.0	0.0	0.0	3.4
31	14.0	22.4	18.6	83.2	18.16	16.0	0.5	0.1	0.6	0.0
PROM	14.6	22.5	18.2	83.0	17.70	15.5	64.2	66.8	131.0	129.0

ESTACION: GRANJA TIBACUY MUNICIPIO: TIBACUY AÑO: 1.988

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.	Dias lluvias	
ENERO	15.2	25.1	19.9	14.0	26.5	73.5	17.20	15.1	27.0	9	173.7
FEBRERO	15.9	24.7	19.9	14.7	26.0	78.6	18.33	16.1	90.6	13	
MARZO	15.4	25.0	20.1	14.0	26.8	72.5	17.01	14.9	72.8	5	
ABRIL	15.9	23.1	19.3	13.9	25.8	83.3	18.71	16.4	82.5	14	78.1
MAYO	15.8	23.4	19.3	14.0	26.5	80.6	18.10	15.9	72.1	20	111.9
JUNIO	15.3	22.7	18.9	13.8	25.5	79.7	17.49	15.4	71.5	20	94.3
JULIO	14.7	22.6	18.3	13.0	24.5	79.3	16.81	14.7	141.4	15	93.8
AGOSTO	15.2	23.2	18.7	14.0	24.8	78.4	16.99	14.9	92.0	19	89.7
SEPTIEMBRE	15.1	23.3	18.8	14.0	25.8	82.0	17.98	15.8	47.1	14	
OCTUBRE	15.3	22.9	19.0	13.2	25.4	80.3	17.84	15.7	116.6	20	
NOVIEMBRE	15.3	22.2	18.4	14.0	24.6	86.0	18.45	16.2	168.8	26	68.3
DICIEMBRE	14.6	22.5	18.2	12.8	24.6	83.0	17.70	15.5	131.0	17	129.0
PROMEDIO	15.3	23.4	19.1	13.8	25.7	79.8	17.72	15.6			
TOTAL									1113.4	192	

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.988

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	26.4	20.5	67.8	18.90	13.9	0.0	0.0	0.0	3.2
2	13.6	29.5	21.0	57.2	13.42	11.3	0.0	0.0	0.0	7.8
3	14.4	28.8	22.0	63.4	16.21	14.2	0.0	0.0	0.0	9.6
4	16.0	28.5	23.0	69.4	18.88	16.6	0.0	0.1	0.1	5.3
5	17.0	28.4	21.1	72.7	18.25	16.0	3.0	0.0	3.0	6.0
6	16.0	26.8	21.5	65.8	16.49	14.4	0.0	0.0	0.0	3.3
7	15.8	27.0	21.5	61.9	15.67	13.7	0.0	0.0	0.0	4.0
8	17.0	29.5	22.7	63.4	17.10	15.0	0.0	0.0	0.0	4.1
9	16.5	27.4	22.8	66.4	17.77	15.7	0.0	0.0	0.0	4.1
10	15.0	28.3	22.0	65.3	16.66	14.6	0.0	0.0	0.0	3.4
11	16.0	29.5	21.9	65.8	16.95	14.9	0.0	1.7	1.7	7.8
12	16.2	27.4	21.2	70.9	17.25	15.1	0.0	0.0	0.0	8.1
13	16.5	27.8	22.2	73.1	18.74	16.5	0.0	0.0	0.0	5.0
14	18.0	27.0	21.8	69.1	17.82	15.7	0.0	0.0	0.0	3.0
15	16.0	27.4	21.7	66.1	16.74	14.7	0.0	0.0	0.0	3.6
16	16.4	24.0	18.8	86.9	18.99	16.7	3.4	0.0	3.4	0.7
17	14.8	25.0	19.0	78.9	17.01	15.0	0.0	0.0	0.0	2.3
18	16.5	22.5	18.3	93.2	19.65	17.2	17.2	0.0	17.2	2.5
19	15.0	21.7	18.3	89.7	18.66	16.4	0.3	0.0	0.3	0.8
20	15.5	25.3	19.9	77.8	17.80	15.7	0.0	0.0	0.0	4.1
21	15.0	25.5	19.8	77.6	17.46	15.4	0.0	0.4	0.4	4.7
22	16.0	23.5	18.3	83.1	17.53	15.4	12.9	0.0	12.9	2.6
23	14.2	25.0	20.4	68.8	16.04	14.0	0.0	0.0	0.0	4.6
24	15.8	27.5	21.5	65.3	16.21	14.2	0.0	0.0	0.0	4.9
25	15.4	27.4	20.6	69.2	16.34	14.3	0.0	0.0	0.0	4.0
26	16.2	26.0	20.5	76.0	17.88	15.7	0.0	0.0	0.0	4.0
27	17.0	22.0	18.2	87.5	18.36	16.1	0.0	0.0	0.0	0.2
28	15.5	25.0	20.4	69.8	16.62	14.6	0.0	0.0	0.0	2.3
29	17.0	24.0	20.8	74.6	17.99	15.8	0.0	0.0	0.0	0.9
30	16.5	25.5	20.0	73.2	17.26	15.2	0.2	0.0	0.2	2.5
31	16.6	25.0	21.1	68.1	16.79	14.8	0.0	0.0	0.0	1.6
PROM.	15.9	26.3	20.8	72.2	17.24	15.1	43.0	2.2	45.2	121.0

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	26.7	22.8	52.3	13.96	11.5	0.0	0.0	0.0	2.7
2	16.4	25.7	21.3	63.0	15.71	13.7	0.0	0.0	0.0	2.7
3	15.0	28.5	21.9	62.2	15.53	13.5	0.0	0.0	0.0	5.0
4	15.8	28.6	22.2	66.4	17.18	15.0	0.0	34.7	34.7	4.9
5	15.0	25.4	20.4	81.1	19.26	16.9	0.0	0.0	0.0	3.1
6	16.8	25.6	20.9	78.4	19.15	16.8	0.0	1.0	1.0	2.2
7	16.0	20.6	18.6	89.6	19.39	17.0	5.8	0.0	5.8	0.5
8	16.4	26.4	21.2	74.6	18.32	16.1	0.0	0.0	0.0	2.2
9	16.8	24.5	20.6	81.7	19.64	17.2	0.0	0.0	0.0	2.6
10	17.0	24.0	19.3	86.9	19.73	17.2	24.9	0.0	24.9	0.6
11	15.9	20.0	18.0	92.7	18.95	16.6	2.3	0.0	2.3	0.0
12	15.8	27.0	20.2	79.2	18.47	16.2	0.8	1.3	2.1	3.5
13	16.0	23.5	18.0	89.9	18.67	16.4	3.0	0.4	3.4	2.1
14	14.4	24.5	18.7	75.1	16.26	14.1	0.0	0.0	0.0	0.9
15	15.7	27.0	22.4	73.2	19.03	16.7	0.0	0.0	0.0	4.5
16	16.3	26.7	21.8	71.4	18.20	16.0	0.0	0.0	0.0	3.0
17	16.0	28.0	21.9	65.0	15.87	13.9	0.0	0.0	0.0	7.2
18	16.1	26.8	22.0	73.7	18.90	16.6	0.0	0.0	0.0	3.7
19	16.4	28.4	22.8	67.3	17.93	15.7	0.0	0.0	0.0	7.5
20	16.3	28.2	22.5	65.8	17.39	15.3	0.0	0.0	0.0	3.9
21	16.8	25.9	21.6	69.6	18.08	15.9	0.0	0.0	0.0	0.0
22	16.0	23.0	20.3	88.3	20.98	18.2	0.0	0.0	0.0	0.1
23	17.4	25.5	21.2	76.0	19.03	16.7	0.0	0.0	0.0	0.7
24	16.4	28.0	22.0	72.9	19.00	16.6	0.0	0.0	0.0	4.5
25	17.3	25.6	20.3	86.5	20.60	18.0	3.1	3.4	6.5	1.4
26	16.5	25.0	20.4	81.5	19.35	17.0	0.0	3.7	3.7	2.5
27	15.8	21.7	18.4	89.8	19.16	16.8	0.0	6.0	6.0	0.0
28	15.4	20.4	17.7	90.7	18.48	16.3	0.0	0.0	0.0	0.2
29	16.4	23.2	20.4	84.1	20.07	17.8	0.0	5.3	5.3	1.7
PROM	16.2	25.3	20.7	76.8	18.35	16.1	39.9	55.8	95.7	73.9

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.968

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

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	23.6	19.1	87.6	19.23	16.9	0.0	0.0	0.0	2.8
2	14.4	25.0	19.8	75.4	16.81	14.8	0.0	0.0	0.0	6.5
3	15.5	25.2	20.9	71.8	17.46	15.4	0.0	0.0	0.0	2.4
4	14.5	28.0	22.0	58.1	14.37	12.4	0.0	0.0	0.0	8.0
5	14.5	28.0	21.4	56.6	14.22	12.1	0.0	0.0	0.0	9.3
6	16.5	26.5	21.6	74.2	19.16	16.8	0.0	0.0	0.0	5.1
7	17.4	25.7	21.1	67.7	16.97	14.8	0.0	0.0	0.0	2.1
8	16.4	25.7	20.8	80.5	19.30	16.9	0.0	42.0	42.0	5.3
9	16.0	23.6	18.5	90.9	19.41	17.0	0.5	0.8	1.3	0.0
10	15.0	24.2	20.1	81.6	18.86	16.6	0.0	0.0	0.0	5.9
11	15.5	25.5	21.5	75.7	18.61	16.3	0.0	0.0	0.0	6.5
12	16.0	26.0	20.8	74.7	18.01	15.8	0.0	0.0	0.0	3.2
13	16.0	25.8	21.5	73.9	18.68	16.4	0.0	0.0	0.0	3.3
14	16.5	26.2	21.8	75.2	19.35	17.0	0.0	6.6	6.6	4.6
15	16.6	25.0	21.2	82.6	20.41	17.8	0.0	18.8	18.8	0.0
16	14.6	16.2	15.0	90.2	15.58	13.5	16.3	0.0	16.3	0.0
17	13.0	25.0	20.8	62.1	14.53	12.5	0.0	0.0	0.0	6.0
18	16.5	24.8	20.0	74.3	17.20	15.1	0.0	0.0	0.0	1.3
19	17.0	22.2	20.0	72.2	16.86	14.8	0.0	0.0	0.0	0.1
20	17.4	25.4	20.8	63.2	15.18	13.2	0.0	0.0	0.0	1.7
21	17.0	27.2	20.4	70.6	16.76	14.7	0.1	0.0	0.1	2.6
22	16.0	26.5	21.2	63.8	15.66	13.7	0.0	0.0	0.0	4.6
23	15.0	27.5	21.4	59.7	14.74	12.7	0.0	0.0	0.0	4.1
24	15.0	26.5	21.0	62.0	15.08	13.1	0.0	0.0	0.0	3.0
25	14.5	27.6	21.7	57.5	14.78	12.8	0.0	0.0	0.0	0.0
26	16.5	23.5	20.0	67.9	15.73	13.7	0.0	0.0	0.0	6.8
27	15.0	24.2	20.5	66.8	15.96	14.0	0.0	0.0	0.0	0.8
28	17.5	25.5	20.6	65.9	16.01	14.0	0.0	0.6	0.6	1.8
29	16.5	20.2	18.4	90.4	19.30	16.9	2.4	0.0	2.4	0.0
30	16.0	25.0	20.5	72.1	17.14	15.1	0.0	0.0	0.0	
31	16.5	25.6	21.6	64.0	16.34	14.3	0.0	0.0	0.0	
PROM.	15.8	25.1	20.5	71.9	17.02	14.9	19.3	68.8	88.1	

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.4	20.7	66.6	16.09	14.1	0.0	0.0	0.0	
2	16.4	24.0	19.7	67.5	15.12	13.2	0.4	0.0	0.4	
3	16.2	26.2	20.3	76.2	17.95	15.8	0.0	0.0	0.0	
4	16.5	27.0	20.9	74.9	18.40	16.2	0.5	0.0	0.5	3.1
5	18.0	25.5	21.1	76.2	19.12	16.8	0.5	0.0	0.5	1.0
6	16.0	24.0	20.3	74.8	17.92	15.7	5.7	0.1	5.8	0.0
7	15.1	24.1	19.4	81.6	18.47	16.2	0.0	0.0	0.0	0.4
8	17.0	26.0	20.9	75.8	18.44	16.2	0.0	0.0	0.0	2.3
9	17.4	24.5	20.0	75.9	17.89	15.7	0.0	0.0	0.0	1.1
10	16.4	24.1	20.7	78.6	18.88	16.5	0.0	0.0	0.0	
11	16.5	21.0	18.4	92.1	19.86	17.4	0.5	0.0	0.5	0.2
12	15.4	21.4	18.3	94.7	19.92	17.4	4.3	0.0	4.3	2.1
13	15.6	18.5	16.6	94.4	17.84	15.7	3.1	0.0	3.1	0.0
14	13.0	24.4	19.5	77.6	17.13	15.1	0.0	3.2	3.2	4.8
15	16.0	22.4	18.6	91.1	19.36	17.0	3.8	0.0	3.8	1.9
16	14.5	24.0	19.4	86.7	19.34	16.9	0.0	7.4	7.4	2.0
17	15.8	25.5	20.3	84.0	19.74	17.3	2.4	0.0	2.4	2.7
18	15.5	23.7	19.6	90.5	20.47	17.8	1.6	0.0	1.6	0.6
19	15.4	26.0	19.8	84.5	19.30	16.9	0.0	0.0	0.0	2.1
20	16.5	25.6	20.4	81.3	19.27	16.9	0.0	2.4	2.4	1.5
21	16.0	22.3	18.7	85.7	18.69	16.4	0.0	0.0	0.0	
22	15.0	26.5	19.2	77.0	17.50	15.4	10.0	0.0	10.0	1.4
23	16.0	25.6	18.9	81.2	17.92	15.8	8.7	0.0	8.7	3.3
24	15.9	24.2	18.6	88.0	19.10	16.8	7.5	0.0	7.5	1.7
25	15.7	25.2	20.5	72.8	17.05	15.0	0.0	0.0	0.0	3.6
26	16.6	22.0	19.7	77.0	17.68	15.6	0.0	0.0	0.0	0.4
27	16.9	24.0	19.6	79.9	18.00	15.8	0.8	0.0	0.8	1.1
28	15.4	24.4	20.7	75.0	17.80	15.6	0.0	0.0	0.0	1.4
29	16.5	24.5	18.3	89.2	19.05	16.7	10.1	0.0	10.1	1.2
30	15.8	25.6	20.6	69.3	17.09	15.0	0.0	0.1	0.1	2.1
PROM	16.0	24.3	19.7	80.7	18.35	16.1	59.9	13.2	73.1	

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.988

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.4	20.0	81.8	19.12	16.7	2.3	0.0	2.3	1.1
2	16.4	24.9	19.8	80.1	18.91	16.5	8.8	0.0	8.8	1.2
3	15.5	26.0	19.7	75.3	17.39	15.3	1.3	4.2	5.5	2.1
4	16.0	21.0	18.3	87.2	18.18	16.0	3.3	0.0	3.3	0.2
5	16.0	24.0	20.1	74.0	17.14	15.1	0.0	0.0	0.0	0.4
6	16.0	26.5	21.4	65.8	16.49	14.5	0.0	0.0	0.0	3.8
7	15.8	27.8	20.8	68.0	16.43	14.4	2.2	0.4	2.6	5.3
8	15.4	21.0	18.6	85.8	18.64	16.4	5.9	34.9	40.8	0.3
9	15.7	23.0	18.5	90.4	19.08	16.8	4.3	0.7	5.0	1.2
10	17.0	26.0	20.0	75.2	17.53	15.4	5.2	0.0	5.2	2.6
11	15.4	24.5	18.7	77.7	16.93	14.9	1.8	0.0	1.8	0.3
12	15.4	26.0	20.2	62.2	14.38	12.4	0.0	0.0	0.0	3.9
13	16.0	24.5	19.9	72.2	16.59	14.6	0.0	0.0	0.0	0.9
14	15.7	24.2	19.3	71.1	16.32	14.2	0.0	0.0	0.0	1.0
15	15.6	27.8	20.4	76.8	18.31	16.1	0.0	1.4	1.4	3.8
16	16.4	27.0	20.2	77.7	18.03	15.8	5.3	0.2	5.5	4.7
17	16.0	24.8	19.2	79.8	17.74	15.6	10.8	0.5	11.3	2.6
18	15.0	26.4	19.7	72.6	16.79	14.8	0.0	0.0	0.0	3.4
19	15.8	23.0	19.2	82.0	18.24	16.0	0.0	0.0	0.0	0.9
20	14.0	24.5	18.3	81.8	17.08	15.0	2.0	0.8	2.8	2.1
21	16.0	24.6	19.0	84.5	18.54	16.3	0.2	0.0	0.2	2.2
22	15.6	23.4	18.3	81.9	17.38	15.3	0.5	0.0	0.5	2.6
23	14.8	26.5	21.2	68.6	16.45	14.4	0.5	0.0	0.5	3.6
24	17.5	25.5	21.9	65.1	16.72	14.6	0.0	0.0	0.0	1.3
25	18.0	26.0	22.4	65.2	17.12	15.0	0.0	1.8	1.8	1.6
26	16.4	25.6	21.0	72.6	17.74	15.6	0.0	0.0	0.0	2.1
27	17.1	24.0	20.1	80.2	19.06	16.7	4.1	0.0	4.1	1.1
28	15.8	21.2	18.5	92.7	19.61	17.2	15.0	0.0	15.0	0.2
29	15.9	26.4	21.6	71.3	17.91	15.7	0.0	0.4	0.4	5.0
30	15.8	26.5	19.9	74.8	17.09	15.0	43.0	0.0	43.0	3.8
31	15.5	26.0	20.3	76.4	18.11	15.9	0.6	0.7	1.3	3.9
PROM.	15.9	25.0	19.9	76.5	17.58	15.4	117.1	46.0	163.1	69.2

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	20.2	17.3	94.4	18.82	16.6	9.3	0.1	9.4	0.0
2	15.0	26.0	19.4	73.0	16.40	14.4	0.6	0.0	0.6	1.9
3	14.8	22.0	17.2	92.1	18.20	16.0	8.7	12.1	20.8	0.8
4	14.7	18.0	17.2	84.5	16.38	14.4	7.9	4.3	12.2	0.0
5	14.8	19.5	16.6	95.1	17.74	15.6	17.7	0.0	17.7	0.1
6	14.7	24.5	19.1	73.7	16.13	14.1	0.5	0.0	0.5	3.8
7	15.4	26.5	20.0	66.6	15.32	13.3	0.8	0.0	0.8	7.3
8	15.0	26.5	21.0	67.8	16.49	14.3	0.5	0.2	0.7	6.9
9	16.2	20.5	16.7	92.9	17.90	15.7	41.4	0.8	42.2	0.2
10	14.9	20.0	16.8	87.9	16.94	14.9	0.3	0.5	0.8	0.3
11	14.6	18.8	16.7	87.9	16.77	14.7	0.4	0.0	0.4	0.7
12	14.5	24.2	18.4	71.6	15.01	13.1	3.9	0.0	3.9	4.7
13	14.0	24.4	19.8	69.8	15.77	13.8	0.0	0.0	0.0	1.3
14	14.4	21.0	15.6	94.7	17.16	15.1	4.9	0.0	4.9	1.0
15	14.0	26.0	19.4	69.5	15.47	13.5	0.0	0.0	0.0	6.0
16	15.0	26.5	21.0	73.6	17.85	15.6	0.0	4.0	4.0	4.9
17	16.0	24.4	19.1	82.7	17.95	15.8	0.0	1.1	1.1	3.5
18	15.4	20.2	16.8	89.8	17.53	15.4	19.9	0.0	19.9	0.1
19	13.8	23.0	17.4	81.8	16.06	14.0	1.6	0.0	1.6	0.5
20	13.4	25.7	19.9	69.6	16.05	14.0	0.0	0.9	0.9	9.0
21	16.5	24.0	19.0	85.0	18.84	16.6	12.4	0.0	12.4	2.0
22	16.0	25.0	20.0	81.4	18.84	16.6	7.4	0.1	7.5	3.0
23	16.5	24.8	19.1	79.0	17.25	15.1	1.1	0.0	1.1	1.5
24	16.5	24.0	20.1	68.9	16.08	14.1	0.7	6.9	7.6	3.0
25	14.8	22.4	17.7	80.9	16.61	14.6	7.3	0.0	7.3	0.2
26	14.7	24.2	19.3	70.7	15.45	13.5	0.0	0.0	0.0	2.3
27	14.5	25.4	20.1	63.0	14.33	12.2	0.0	0.3	0.3	3.9
28	15.0	24.0	18.0	81.0	16.74	14.7	3.3	0.1	3.4	2.9
29	15.0	23.4	19.1	75.0	16.35	14.3	0.0	1.5	1.5	1.2
30	14.6	22.5	17.9	77.8	16.14	14.1	4.3	0.0	4.3	3.0
PROM	15.0	23.3	18.5	79.4	16.75	14.7	154.9	32.9	187.8	76.0

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.988

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	23.4	18.6	78.7	16.47	14.4	0.3	0.0	0.3	2.7
2	14.5	25.0	19.3	73.5	16.42	14.4	0.3	0.3	0.6	3.2
3	15.0	23.0	18.3	81.5	17.31	15.2	0.8	9.3	10.1	1.2
4	14.8	22.0	17.6	83.9	17.06	15.0	4.4	1.1	5.5	0.5
5	15.0	22.0	18.0	88.1	17.89	15.7	0.1	0.0	0.1	1.3
6	15.5	24.0	18.2	84.6	17.74	15.6	6.7	0.2	6.9	2.2
7	14.7	23.1	18.1	88.1	18.23	16.1	14.5	3.7	18.2	3.3
8	15.0	21.0	16.5	89.2	17.01	14.9	2.4	2.3	4.7	0.2
9	14.6	18.5	16.1	89.0	16.30	14.3	1.0	0.0	1.0	0.0
10	13.5	19.0	16.2	75.4	14.12	12.1	0.0	0.0	0.0	0.5
11	13.5	22.2	17.5	73.7	14.86	12.8	0.0	0.0	0.0	2.0
12	14.4	17.6	15.5	88.8	15.74	13.8	4.8	0.0	4.8	0.0
13	12.8	19.5	15.8	72.7	12.88	10.7	0.0	0.0	0.0	0.2
14	13.8	27.0	19.2	50.7	11.15	8.5	0.0	0.0	0.0	6.3
15	13.9	24.5	19.3	62.8	13.76	11.7	0.0	0.0	0.0	5.4
16	13.0	24.4	18.0	72.5	14.83	12.9	0.1	0.0	0.1	3.6
17	14.9	23.4	17.7	80.9	16.53	14.5	0.0	1.4	1.4	2.5
18	13.2	21.6	16.2	75.8	14.01	12.0	0.0	0.0	0.0	2.0
19	13.5	21.7	17.4	73.4	14.71	12.7	0.0	0.0	0.0	0.5
20	15.0	21.6	17.7	77.4	16.16	14.1	0.6	0.1	0.7	2.6
21	14.5	20.1	15.9	93.7	17.00	14.9	9.9	0.0	9.9	0.1
22	14.0	21.4	17.3	78.3	15.41	13.5	0.0	0.0	0.0	0.7
23	14.6	20.1	17.9	83.4	16.90	14.9	0.1	0.0	0.1	0.1
24	14.6	24.6	19.7	75.5	17.34	15.3	0.0	0.0	0.0	1.1
25	15.0	20.0	17.3	92.8	16.21	16.0	16.6	1.9	18.5	0.1
26	13.9	22.2	17.4	72.9	14.16	12.1	0.0	0.0	0.0	1.4
27	14.1	27.0	20.3	55.9	13.18	11.0	0.0	0.0	0.0	5.2
28	14.0	26.0	20.3	62.8	14.66	12.7	0.0	0.0	0.0	4.4
29	16.0	25.0	21.1	68.0	16.76	14.8	0.0	0.0	0.0	3.3
30	15.9	26.5	19.8	72.7	16.68	14.7	0.0	0.0	0.0	2.7
31	16.4	26.0	20.5	69.0	16.45	14.4	0.8	0.0	0.8	
PROM.	14.5	22.7	18.0	77.0	15.80	13.7	63.4	20.3	83.7	

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.5	20.2	78.0	17.98	15.8	0.0	0.4	1.0	3.4
2	15.4	23.0	18.9	91.5	20.03	17.5	2.9	0.8	3.7	2.4
3	16.0	25.0	20.2	71.1	16.62	14.6	0.0	0.0	0.0	2.5
4	15.5	25.4	19.9	59.3	13.21	11.1	0.0	0.0	0.0	5.5
5	15.2	26.0	20.5	56.4	13.48	11.4	0.0	0.0	0.0	4.2
6	15.5	21.2	18.1	86.6	16.00	15.8	0.5	0.1	0.6	1.1
7	15.0	21.0	18.1	86.8	18.05	15.9	0.0	0.0	0.0	0.9
8	15.5	24.7	18.7	73.6	15.81	13.8	12.1	0.2	12.3	1.3
9	14.8	23.7	19.0	70.2	15.48	13.5	0.0	0.0	0.0	1.1
10	14.4	19.2	16.6	82.5	15.66	13.6	0.2	0.0	0.2	0.2
11	15.0	25.0	19.5	58.8	13.28	11.2	0.0	0.0	0.0	1.3
12	13.0	27.5	19.9	55.6	12.38	10.1	0.0	0.0	0.0	4.9
13	14.6	25.4	20.6	56.2	13.08	11.0	0.0	0.3	0.3	2.5
14	15.0	24.5	20.0	63.4	14.83	12.7	0.0	0.0	0.0	3.0
15	14.7	26.9	20.9	66.1	15.82	13.9	0.0	0.0	0.0	6.2
16	15.6	26.0	21.0	70.6	17.24	15.2	0.0	0.2	0.2	3.4
17	16.0	23.8	17.4	82.5	16.38	14.3	2.8	0.0	2.8	0.4
18	15.5	27.6	20.8	67.3	15.91	13.9	0.4	0.0	0.4	2.7
19	15.1	25.0	20.1	77.3	16.25	14.0	0.0	0.0	0.0	2.9
20	16.0	26.0	20.3	71.9	17.17	15.1	0.0	4.7	4.7	3.9
21	15.2	20.5	16.9	88.5	16.65	14.6	11.2	0.7	11.9	0.9
22	14.8	22.2	17.7	86.1	17.28	15.2	2.5	0.0	2.5	1.6
23	15.0	25.0	19.1	65.6	14.57	12.6	0.0	0.0	0.0	3.5
24	14.6	25.4	19.6	61.5	14.20	12.2	0.0	0.0	0.0	2.2
25	16.0	26.5	21.2	53.6	13.20	11.1	0.0	0.0	0.0	3.6
26	15.5	26.4	19.7	71.1	15.98	13.9	0.8	2.4	3.2	3.1
27	15.6	24.0	18.6	81.8	17.82	15.7	2.9	0.0	2.9	1.2
28	15.0	24.5	19.6	73.5	16.45	14.4	0.0	0.0	0.0	4.3
29	15.5	26.5	20.7	69.9	16.81	14.7	0.0	5.4	5.4	4.3
30	15.0	24.6	20.4	72.4	16.42	14.4	0.4	0.0	0.4	2.2
31	14.5	21.4	17.5	97.5	15.73	13.3	1.7	1.2	2.9	0.0
PROM	15.2	24.5	19.4	72.5	16.06	14.0	39.0	16.4	55.4	80.7

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.988

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	15.0	26.0	19.0	73.4	16.02	14.0	0.4	0.0	0.4	1.1
2	16.0	24.5	18.5	72.6	15.73	13.8	0.0	0.0	0.0	0.0
3	14.4	26.0	20.2	59.8	13.82	11.6	0.0	0.0	0.0	4.4
4	15.5	24.0	19.6	65.3	15.03	13.0	0.0	0.0	0.0	1.1
5	14.0	24.4	19.1	74.1	16.62	14.5	2.6	0.0	2.6	0.3
6	15.0	27.0	21.2	60.1	14.89	12.9	0.0	0.0	0.0	6.2
7	15.6	25.0	20.6	66.2	15.82	13.8	0.0	0.3	0.3	2.3
8	14.9	24.0	19.6	74.5	16.99	14.9	0.0	0.0	0.0	1.0
9	14.7	24.5	20.3	76.9	17.85	15.7	0.4	2.7	3.1	1.4
10	15.0	20.0	16.2	96.3	17.64	15.5	1.9	0.0	1.9	1.3
11	13.8	26.0	20.4	68.6	15.53	13.6	0.9	0.0	0.9	3.6
12	15.9	22.0	17.8	95.8	15.48	17.0	8.0	0.3	8.3	0.2
13	15.4	24.0	18.5	79.6	16.70	14.7	5.0	0.0	5.0	0.8
14	15.0	23.0	16.9	93.9	17.96	15.8	19.8	0.0	19.8	1.7
15	14.5	22.8	18.6	82.0	17.29	15.1	1.7	0.0	1.7	3.5
16	15.4	28.5	20.4	63.9	15.29	13.3	0.0	1.4	1.4	5.8
17	15.0	25.8	20.4	68.0	15.98	14.0	1.2	0.0	1.2	3.1
18	14.5	24.0	18.7	76.5	16.19	14.2	0.8	1.3	2.1	2.6
19	15.0	24.0	18.8	79.1	16.95	14.9	0.0	0.0	0.0	1.9
20	15.4	25.0	19.6	75.0	16.85	14.8	0.0	11.4	11.4	3.3
21	13.0	22.0	17.7	72.2	14.58	12.6	0.2	0.0	0.2	1.3
22	14.9	26.5	19.5	68.2	15.33	13.3	0.0	0.0	0.0	3.5
23	15.9	22.0	19.6	84.2	15.48	17.1	2.4	0.0	2.4	1.9
24	16.4	28.8	20.3	76.1	17.95	15.8	2.2	0.0	2.2	5.4
25	15.9	28.2	19.6	76.5	17.50	15.4	3.3	0.0	3.3	2.5
26	16.0	21.2	17.7	84.3	17.31	15.2	0.2	0.0	0.2	0.1
27	13.8	27.7	20.4	65.3	15.11	13.1	0.0	0.0	0.0	3.6
28	16.0	23.4	18.5	83.2	17.68	15.5	5.5	0.0	5.5	2.5
29	15.4	26.5	20.3	68.2	16.08	14.0	0.0	0.0	0.0	3.7
30	14.5	29.5	21.0	67.8	16.63	14.5	0.0	6.4	6.4	3.6
PROM.	15.1	24.9	19.3	74.9	16.54	14.5	56.5	23.8	80.3	73.7

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	15.0	24.5	19.3	81.8	17.93	15.8	0.0	9.7	9.7	3.8
2	15.2	23.8	19.2	82.0	17.84	15.7	0.0	36.4	36.4	3.2
3	15.8	25.0	19.1	80.9	17.69	15.6	1.1	5.1	6.2	3.5
4	14.5	24.5	19.7	77.3	17.38	15.3	0.0	0.0	0.0	1.7
5	16.0	26.4	19.5	71.0	16.19	14.2	0.0	0.0	0.0	2.1
6	15.2	24.5	19.8	72.8	16.83	14.8	0.0	0.0	0.0	2.1
7	16.0	24.0	18.6	83.1	17.99	15.8	4.8	1.0	5.8	2.3
8	14.6	21.4	18.1	83.5	17.20	15.1	0.1	0.0	0.1	1.0
9	15.8	24.0	18.5	65.6	14.12	12.1	0.0	0.0	0.0	1.0
10	14.5	26.0	20.0	59.0	13.77	11.7	0.0	0.0	0.0	4.7
11	14.8	25.8	18.5	72.5	15.61	13.6	3.2	1.0	4.2	3.6
12	14.5	25.7	20.4	65.0	15.42	13.5	0.0	0.0	0.0	3.1
13	14.7	23.0	18.7	89.7	15.51	17.0	5.0	4.8	9.8	3.1
14	16.0	19.9	18.0	93.5	15.43	17.0	0.3	0.0	0.3	0.2
15	16.2	20.6	18.3	92.1	15.25	16.9	0.0	0.0	0.0	2.4
16	15.6	24.0	19.4	83.7	16.85	16.0	0.0	0.0	0.0	
17	16.0	22.0	18.5	90.1	15.42	17.0	7.5	11.9	19.4	
18	16.4	23.5	18.2	93.6	15.46	17.1	0.8	0.0	0.8	
19	16.5	27.5	20.8	79.8	15.53	17.1	0.0	35.0	35.0	5.5
20	15.9	25.8	19.8	82.1	16.96	16.6	0.0	16.7	16.7	5.2
21	16.5	22.4	19.2	85.5	16.94	16.7	1.9	0.0	1.9	0.7
22	16.3	22.0	17.9	90.5	16.71	16.4	11.0	0.0	11.0	1.4
23	14.4	22.5	18.6	78.9	16.93	14.9	0.0	0.0	0.0	
24	16.4	27.0	20.9	76.9	15.31	16.9	0.8	0.0	0.8	
25	16.2	24.7	19.3	84.2	15.00	16.7	1.7	0.0	1.7	2.3
26	16.1	25.5	20.4	79.4	15.13	16.8	0.0	0.0	0.0	7.3
27	16.0	22.2	19.1	88.5	15.71	17.2	0.6	1.4	2.0	0.8
28	16.4	19.1	17.8	92.0	15.79	16.5	2.2	0.0	2.2	0.0
29	14.4	24.0	19.7	83.0	15.31	17.0	1.9	0.0	1.9	3.9
30	16.4	25.7	20.0	86.4	20.21	17.7	5.4	4.4	12.8	3.4
31	16.5	25.8	20.0	86.1	20.24	17.7	2.2	10.2	12.4	2.0
PROM	15.6	24.0	19.2	81.6	16.15	15.9	53.5	137.6	191.1	

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.988

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	17.0	22.4	19.1	86.4	19.29	16.5	10.0	0.0	10.0	0.3
2	17.3	23.0	19.1	83.4	18.77	16.5	4.4	4.1	8.5	0.1
3	16.5	25.0	19.5	81.2	18.42	16.2	0.2	0.0	0.2	1.9
4	15.5	26.5	20.7	71.0	17.25	15.2	0.5	0.0	0.5	6.3
5	16.0	26.0	21.2	69.9	17.71	15.6	0.0	0.0	0.0	4.1
6	17.4	23.8	20.0	82.8	19.92	17.4	0.0	0.0	0.0	3.8
7	17.0	22.0	18.8	85.6	18.81	16.5	4.5	0.0	4.5	0.0
8	17.3	24.9	19.9	82.1	19.43	17.1	0.6	14.9	15.5	3.9
9	16.5	24.5	19.2	81.3	18.27	16.1	0.0	0.0	0.0	1.7
10	16.7	25.4	21.3	73.3	18.53	16.3	0.1	11.0	11.1	2.0
11	16.5	23.0	19.0	84.2	18.56	16.3	11.3	0.0	11.3	1.0
12	17.0	23.5	19.3	82.1	18.47	16.2	0.2	0.0	0.2	0.8
13	16.8	25.5	20.2	81.5	20.02	17.5	4.1	0.0	4.1	2.7
14	16.4	24.6	19.3	86.8	19.49	17.1	3.3	14.2	17.5	3.1
15	17.2	22.0	19.1	90.0	19.79	17.4	1.3	42.5	43.8	0.1
16	16.0	20.9	18.0	83.9	17.41	15.3	0.2	0.0	0.2	0.0
17	17.2	26.0	20.6	76.9	18.61	16.4	0.0	12.2	12.2	4.0
18	16.4	22.4	18.4	91.8	19.44	17.1	0.0	0.0	0.0	1.4
19	16.5	23.5	19.9	86.2	20.49	17.5	0.0	0.0	0.0	3.7
20	17.0	24.0	19.5	86.8	19.90	17.4	0.0	0.0	0.0	4.6
21	17.0	25.2	20.3	79.5	18.83	16.5	0.0	21.7	21.7	6.0
22	16.4	23.2	19.4	89.2	20.22	17.7	0.5	0.0	0.5	4.0
23	16.0	21.0	18.7	91.6	20.05	17.6	14.9	0.1	15.0	0.8
24	17.0	23.6	19.5	85.1	19.36	17.0	2.9	0.0	2.9	3.5
25	16.4	21.6	18.9	91.0	19.83	17.3	3.4	10.1	13.5	
26	16.0	23.2	19.4	89.5	20.29	17.8	4.1	0.0	4.1	
27	16.4	23.6	20.1	87.9	20.87	18.1	1.6	0.3	1.9	
28	17.5	25.2	20.0	80.5	18.98	16.7	16.2	2.8	19.0	3.1
29	16.5	22.5	18.8	90.3	19.82	17.4	0.6	0.5	1.1	5.2
30	16.2	22.6	18.9	87.7	19.60	17.1	0.0	9.2	9.2	2.2
PROM.	16.7	23.7	19.5	84.0	19.21	16.9	84.9	143.6	228.5	

M E S — DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	21.3	17.8	92.3	19.01	16.7	0.4	0.0	0.4	1.2
2	16.5	22.4	18.9	90.3	19.87	17.4	0.0	2.5	2.5	2.9
3	16.0	20.4	17.9	91.1	18.77	16.5	0.0	3.0	3.0	0.3
4	15.5	21.5	18.0	92.1	19.04	16.7	0.0	4.9	4.9	0.1
5	16.0	21.0	17.7	88.5	18.19	16.0	0.0	0.0	0.0	0.4
6	15.7	20.9	18.4	91.5	19.43	17.0	2.3	2.4	4.7	0.9
7	16.7	21.8	18.6	91.7	19.73	17.3	5.9	0.0	5.9	0.9
8	16.0	21.0	18.7	90.7	19.65	17.2	1.8	1.0	2.8	0.2
9	15.4	22.4	18.3	87.8	18.69	16.4	0.0	0.0	0.0	1.5
10	15.2	24.0	19.9	83.9	19.89	17.4	0.0	0.0	0.0	4.4
11	16.5	21.9	18.4	87.7	19.01	16.7	9.5	0.0	9.5	1.3
12	16.0	26.0	19.7	77.4	17.80	15.7	0.0	0.0	0.0	6.6
13	16.5	22.5	18.9	87.3	19.53	17.1	11.0	0.0	11.0	2.6
14	15.4	21.5	18.3	88.9	19.00	16.7	3.3	0.0	3.3	2.0
15	15.5	24.8	19.7	78.3	17.82	15.6	0.2	0.4	0.6	5.4
16	16.5	24.7	19.4	83.0	18.88	16.6	5.6	0.0	5.6	4.8
17	15.4	23.8	19.6	85.4	19.66	17.2	0.0	0.0	0.0	5.2
18	17.3	24.5	20.2	72.6	17.48	15.4	0.0	0.4	0.4	4.2
19	15.0	24.0	19.3	80.5	18.02	15.8	0.0	0.0	0.0	5.5
20	15.9	24.9	19.2	79.7	17.94	15.8	1.0	0.0	1.0	6.0
21	14.0	27.5	21.4	65.5	16.22	14.2	0.0	0.0	0.0	10.1
22	15.0	25.4	19.8	87.2	20.29	17.7	0.3	2.8	3.1	5.7
23	15.5	21.5	18.3	87.6	18.71	16.4	32.0	0.0	32.0	0.3
24	15.4	23.4	19.6	82.3	18.71	16.4	0.3	1.3	1.6	2.9
25	17.0	22.2	18.5	92.0	19.74	17.3	1.3	0.0	1.3	0.8
26	16.0	22.5	18.3	89.0	18.86	16.5	0.0	0.0	0.0	2.1
27	15.2	25.2	18.8	84.6	18.59	16.3	0.0	0.0	0.0	5.4
28	16.0	23.8	18.9	83.6	18.62	16.3	18.5	0.0	18.5	1.9
29	15.5	24.9	19.3	79.1	17.88	15.8	1.2	0.0	1.2	3.7
30	16.0	23.0	18.9	82.6	18.37	16.1	1.1	0.0	1.1	1.3
31	15.8	24.0	19.1	82.2	18.71	16.4	8.0	0.0	8.0	2.6
PROM	15.8	23.2	19.0	85.0	18.78	16.5	104.3	18.7	123.0	93.2

ESTACION: JORGE VILLAMIL MUNICIPIO: GIGANTE AÑO: 1.988

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	15.9	26.3	20.8	13.6	29.5	72.2	17.24	15.1	45.2	10	121.0
FEBRERO	16.2	25.3	20.7	14.4	28.6	76.8	18.35	16.1	95.7	11	73.9
MARZO	15.8	25.1	20.5	13.0	28.0	71.9	17.02	14.9	88.1	8	
ABRIL	16.0	24.3	19.7	13.0	27.0	80.7	18.35	16.1	73.1	19	
MAYO	15.9	25.0	19.9	14.0	27.8	76.5	17.58	15.4	163.1	22	69.2
JUNIO	15.0	23.3	18.5	13.4	26.5	79.4	16.75	14.7	187.8	27	76.0
JULIO	14.5	22.7	18.0	12.8	27.0	77.0	15.80	13.7	83.7	17	
AGOSTO	15.2	24.5	19.4	13.0	27.6	72.5	16.06	14.0	55.4	17	80.7
SEPTIEMBRE	15.1	24.9	19.3	13.0	29.5	74.9	16.54	14.5	80.3	21	73.7
OCTUBRE	15.6	24.0	19.2	14.4	27.5	81.6	18.15	15.9	191.1	21	
NOVIEMBRE	16.7	23.7	19.5	15.5	26.5	84.0	19.21	16.9	228.5	24	
DICIEMBRE	15.8	23.2	19.0	14.0	27.5	85.0	18.78	16.5	123.0	22	93.2
PROMEDIO	15.6	24.4	19.5	13.7	27.8	77.7	17.49	15.3			
TOTAL									1415.0	219	

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.988

ALTITUD: 1.700 LATITUD: 1-16 N. LONGITUD: 77-28 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	27.5	20.5	80.9	19.46	17.0	0.0	0.0	0.0	4.8
2	13.0	29.0	21.4	70.5	16.84	14.7	0.0	0.0	0.0	10.1
3	12.8	28.8	21.3	61.7	14.42	12.1	0.0	0.0	0.0	7.8
4	16.4	28.7	20.8	75.8	18.15	15.9	0.0	0.0	0.0	8.2
5	15.8	28.4	20.3	75.1	17.31	15.1	2.4	0.3	2.7	7.4
6	16.5	27.0	19.8	83.5	19.09	16.7	8.6	10.3	18.9	5.7
7	14.6	26.4	19.9	76.2	17.07	15.0	0.0	0.1	0.1	5.0
8	17.0	27.5	20.7	76.4	18.08	15.8	0.0	0.0	0.0	6.2
9	14.5	27.0	21.1	70.7	16.94	14.7	0.0	0.0	0.0	6.6
10	16.8	25.0	19.7	85.4	19.68	17.2	0.0	1.8	1.8	4.4
11	16.6	27.0	20.8	79.1	19.00	16.7	0.1	0.0	0.1	8.8
12	15.8	27.0	20.8	76.9	18.37	16.1	1.5	0.0	1.5	7.3
13	15.5	28.0	20.7	78.0	18.72	16.4	0.0	1.3	1.3	8.1
14	16.5	26.0	19.6	83.0	19.04	16.7	0.0	0.0	0.0	6.1
15	16.6	26.0	20.5	80.3	18.99	16.7	0.0	0.0	0.0	5.6
16	15.8	22.5	18.7	86.8	18.55	16.3	1.1	0.3	1.4	0.9
17	15.5	22.0	18.5	86.6	18.38	16.1	9.2	6.9	16.1	0.2
18	15.0	24.8	19.0	86.1	18.90	16.6	2.3	17.9	20.2	2.8
19	14.0	24.5	18.8	84.7	18.29	16.1	0.6	10.2	10.8	5.6
20	14.5	22.5	18.6	86.1	18.23	16.0	0.0	0.0	0.0	2.7
21	14.5	24.0	19.0	85.3	18.56	16.3	0.8	1.8	2.6	7.6
22	15.5	24.0	18.8	87.3	18.83	16.5	0.3	0.0	0.3	2.7
23	13.5	26.0	19.5	82.3	18.30	16.1	0.0	0.0	0.0	7.3
24	14.0	26.0	21.1	78.7	18.96	16.7	0.0	0.0	0.0	6.6
25	14.1	26.5	19.7	78.8	17.78	15.6	0.0	0.0	0.0	7.2
26	14.5	27.8	19.8	77.7	17.61	15.5	0.0	0.0	0.0	7.4
27	16.7	24.5	20.3	78.3	18.31	16.1	0.0	0.0	0.0	3.1
28	16.0	26.5	20.6	77.9	18.52	16.2	23.3	2.4	25.7	5.2
29	15.8	24.0	19.0	85.9	18.87	16.6	0.0	0.0	0.0	1.0
30	16.6	23.5	19.2	86.0	18.91	16.6	0.0	0.0	0.0	2.1
31	15.8	23.4	18.1	91.5	18.73	16.5	0.2	0.0	0.2	0.4
PROM.	15.3	25.9	19.9	80.4	18.29	16.0	50.4	53.3	103.7	164.9

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	16.8	28.5	20.8	77.9	19.11	16.6	0.0	0.0	0.0	3.7
2	15.5	25.0	19.7	80.5	18.36	16.2	0.0	0.0	0.0	4.1
3	16.5	27.9	20.0	78.9	18.11	15.9	0.0	0.0	0.0	4.4
4	14.0	26.0	19.7	78.3	17.50	15.3	0.0	0.0	0.0	9.4
5	14.8	27.0	20.3	77.6	17.99	15.8	0.0	0.0	0.0	7.4
6	16.4	22.1	18.7	92.0	19.69	17.3	3.6	0.0	3.6	3.7
7	16.4	25.4	19.6	85.6	19.39	17.0	0.0	0.0	0.0	0.0
8	16.0	26.4	20.7	80.1	19.22	16.8	0.5	0.0	0.5	7.3
9	16.5	26.0	19.5	84.1	19.26	16.9	5.6	0.8	6.4	2.3
10	16.5	26.0	20.1	81.0	18.83	16.5	0.0	4.8	4.8	2.5
11	16.4	25.4	18.6	86.5	18.98	16.6	7.1	1.6	8.7	1.8
12	14.8	26.5	20.2	77.8	18.30	16.1	0.0	7.6	7.6	5.4
13	15.8	23.4	19.6	85.8	19.35	17.0	1.0	0.0	1.0	1.3
14	14.5	26.0	20.2	79.5	18.33	16.1	0.0	0.0	0.0	5.6
15	15.0	25.5	20.1	83.1	19.31	16.9	0.0	0.0	0.0	5.9
16	16.0	24.5	19.2	87.0	19.35	17.0	6.8	0.0	6.8	2.7
17	15.0	25.5	20.2	82.0	19.01	16.7	0.0	0.2	0.2	7.0
18	14.4	25.4	20.0	79.1	18.04	15.8	0.0	0.0	0.0	8.6
19	14.6	27.5	21.0	77.9	18.84	16.5	0.0	0.0	0.0	10.4
20	14.0	29.4	22.1	65.6	16.75	14.5	0.0	0.0	0.0	8.8
21	15.8	21.8	18.4	88.3	18.69	16.4	8.2	0.8	9.0	0.8
22	15.5	24.0	18.9	87.6	19.21	16.8	0.0	0.0	0.0	3.6
23	15.0	26.0	19.8	84.3	19.24	16.9	1.3	0.0	1.3	2.7
24	15.2	22.0	18.1	90.1	18.97	16.7	5.3	0.0	5.3	2.3
25	14.8	23.5	19.6	84.3	18.79	16.5	0.0	12.0	12.0	3.8
26	14.8	23.4	18.0	93.2	19.62	17.2	10.9	0.0	10.9	3.3
27	14.0	22.6	18.3	83.1	17.40	15.3	0.0	0.0	0.0	1.4
28	14.5	24.0	19.3	83.2	18.30	16.1	0.0	0.2	0.2	3.4
29	14.8	27.0	20.7	76.2	18.68	16.4	0.0	0.9	0.9	7.2
PROM	15.3	25.3	19.7	82.5	18.71	16.4	50.3	28.9	79.2	130.8

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.988

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

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	27.0	19.9	77.7	17.92	15.7	0.0	0.0	0.0	6.0
2	16.8	28.0	20.5	78.6	18.58	16.3	0.0	0.0	0.0	5.9
3	15.6	27.4	20.7	76.6	18.27	16.0	0.0	0.0	0.0	10.3
4	15.5	29.0	20.9	71.8	16.82	14.7	0.0	0.0	0.0	8.9
5	14.5	27.5	21.0	64.0	15.21	13.0	0.0	0.0	0.0	9.8
6	15.0	28.4	21.6	71.1	17.49	15.3	0.0	0.0	0.0	3.4
7	15.5	26.5	19.7	79.2	17.70	15.5	0.0	11.3	11.3	4.1
8	16.4	23.4	17.6	95.2	19.07	16.7	1.1	5.5	6.6	2.6
9	15.8	21.5	17.6	93.5	18.92	16.6	0.6	0.0	0.6	0.1
10	15.9	26.4	20.5	75.9	17.86	15.7	0.0	0.0	0.0	6.8
11	14.6	29.0	20.7	73.0	16.98	14.8	0.0	0.0	0.0	9.9
12	14.5	26.5	20.4	78.9	18.56	16.3	0.0	0.0	0.0	9.2
13	13.8	26.6	20.5	75.6	17.35	15.1	0.0	0.0	0.0	6.4
14	15.8	26.5	20.6	75.6	17.60	15.3	0.0	0.0	0.0	8.6
15	13.4	28.4	20.6	75.2	17.23	14.8	0.0	0.0	0.0	
16	15.5	22.4	18.4	86.6	18.28	16.1	0.0	0.0	0.0	0.0
17	13.6	26.5	20.0	76.8	17.32	15.2	0.0	0.0	0.0	2.8
18	14.8	29.0	21.1	74.0	17.66	15.5	0.0	0.0	0.0	5.6
19	17.4	30.0	21.8	65.5	16.79	14.6	0.0	0.0	0.0	9.4
20	17.0	29.6	23.1	63.9	17.65	15.5	0.0	0.0	0.0	7.3
21	18.8	27.4	21.6	66.6	17.06	14.8	0.0	0.0	0.0	2.4
22	16.5	24.4	20.1	78.7	18.25	16.0	0.0	0.0	0.0	1.8
23	14.8	28.8	20.5	73.1	16.96	14.8	0.0	0.0	0.0	3.8
24	14.0	29.4	20.8	68.1	15.32	13.1	0.0	0.0	0.0	2.4
25	17.0	27.0	20.7	70.6	17.37	15.2	0.0	0.0	0.0	2.7
26	16.5	23.5	19.7	86.2	19.65	17.2	2.6	0.1	2.7	0.5
27	16.6	27.5	21.1	71.5	16.99	14.8	0.0	0.0	0.0	3.1
28	16.8	25.0	20.4	80.1	18.93	16.6	0.0	2.6	2.6	1.8
29	16.5	23.4	18.4	92.6	19.66	17.2	2.2	0.1	2.3	0.7
30	16.4	26.5	20.3	79.3	18.69	16.4	0.0	0.0	0.0	2.3
31	14.6	30.2	22.3	61.7	16.04	13.7	0.0	0.0	0.0	7.3
PROM.	15.7	26.9	20.4	76.0	17.68	15.4	6.5	19.6	26.1	

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	28.0	21.2	70.2	16.80	14.6	0.0	0.0	0.0	4.1
2	14.8	27.0	19.8	80.8	19.65	17.2	1.3	0.1	1.4	4.7
3	16.8	27.5	19.7	84.4	19.20	16.8	1.0	61.9	62.9	2.1
4	15.8	25.0	20.1	84.1	19.58	17.1	4.4	0.0	4.4	4.0
5	14.8	24.8	19.9	82.1	18.62	16.3	0.0	3.7	3.7	4.3
6	16.0	21.0	17.8	95.4	19.68	17.2	16.8	1.5	18.3	0.0
7	16.4	23.0	19.0	87.8	19.23	16.9	0.0	6.0	6.0	0.9
8	16.0	26.0	20.5	83.2	19.89	17.4	0.0	0.0	0.0	8.0
9	16.8	25.4	19.8	82.9	19.04	16.7	0.0	2.0	2.0	2.3
10	16.6	23.0	19.0	89.9	19.77	17.3	18.0	0.0	18.0	0.0
11	15.6	21.0	17.4	92.9	18.75	16.5	16.0	0.0	16.0	0.2
12	14.8	23.5	19.0	86.6	18.75	16.4	0.0	27.0	27.0	4.2
13	15.5	21.0	17.5	93.4	18.65	16.4	14.5	0.0	14.5	0.0
14	14.8	25.4	19.8	82.7	18.90	16.6	23.0	0.0	23.0	1.4
15	14.8	23.4	18.7	84.1	18.08	15.9	3.5	0.0	3.5	0.6
16	14.5	24.6	19.6	81.7	18.39	16.1	1.0	0.0	1.0	2.6
17	16.0	27.0	21.3	79.8	19.58	17.1	14.0	0.0	14.0	5.5
18	15.5	25.5	19.1	81.1	17.75	15.6	12.0	0.0	12.0	4.6
19	15.6	26.0	19.4	82.6	18.55	16.3	0.0	4.0	4.0	5.1
20	16.8	22.5	19.2	88.4	19.64	17.2	20.5	0.0	20.5	1.6
21	15.5	23.5	19.2	86.2	19.14	16.8	5.0	0.0	5.0	2.1
22	14.6	24.0	19.1	84.6	18.53	16.3	0.0	9.0	9.0	3.9
23	16.0	23.5	19.1	88.4	19.60	17.2	15.0	0.0	15.0	1.7
24	14.5	23.4	18.8	85.4	18.38	16.2	1.0	0.0	1.0	2.7
25	16.0	26.5	20.6	82.2	19.57	17.1	2.0	0.0	2.0	5.5
26	16.8	22.0	18.6	92.2	19.96	17.5	8.0	1.2	9.2	0.3
27	14.8	24.0	19.2	86.8	18.97	16.7	2.4	0.0	2.4	1.7
28	14.6	27.4	20.1	81.9	18.93	16.5	0.0	0.0	0.0	7.7
29	14.8	21.8	19.0	83.7	18.27	16.0	1.6	0.0	1.6	1.0
30	15.8	26.8	20.1	81.0	18.87	16.6	0.1	1.2	1.3	6.7
PROM	15.6	24.5	19.4	85.1	18.96	16.6	181.1	117.6	298.7	89.5

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.988

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	25.0	19.9	83.1	19.10	16.7	0.0	0.1	0.1	1.0
2	16.5	25.4	19.7	83.6	19.00	16.7	3.3	0.0	3.3	2.6
3	14.8	25.0	19.4	81.8	18.31	16.1	0.7	0.0	0.7	2.3
4	14.9	24.0	19.2	86.2	18.97	16.6	0.0	0.0	0.0	1.7
5	15.5	25.4	19.6	83.1	18.71	16.4	1.8	0.3	2.1	3.8
6	16.8	25.2	19.9	80.7	18.57	16.3	3.1	0.0	3.1	4.3
7	15.8	27.4	21.0	76.0	18.47	16.1	1.1	11.9	13.0	7.9
8	15.5	21.0	18.2	94.6	19.64	17.2	4.0	0.0	4.0	0.3
9	15.5	24.4	19.7	87.3	19.92	17.4	0.0	0.0	0.0	3.8
10	15.8	25.0	19.5	85.0	19.23	16.8	0.2	0.0	0.2	3.0
11	15.5	26.4	20.2	75.1	18.01	15.7	0.0	0.0	0.0	3.7
12	15.6	24.6	19.3	82.6	18.43	16.2	0.0	0.0	0.0	2.1
13	14.0	24.4	19.9	76.3	17.35	15.1	0.0	0.0	0.0	3.6
14	16.8	21.4	18.6	93.5	20.19	17.6	2.8	0.0	2.8	0.7
15	15.0	25.5	20.3	81.8	19.06	16.7	0.0	10.0	10.0	5.9
16	15.8	26.4	19.5	85.2	19.23	16.9	1.7	0.1	1.8	5.5
17	15.5	27.0	20.6	81.4	19.32	16.9	0.0	1.6	1.6	7.6
18	16.8	24.5	19.6	82.5	18.53	16.2	0.1	3.5	3.6	4.4
19	15.8	24.0	19.6	80.6	18.19	15.9	0.7	0.0	0.7	2.2
20	16.5	24.0	19.4	83.8	18.70	16.4	0.4	0.8	1.2	2.9
21	16.3	23.4	18.9	90.9	19.83	17.3	7.0	0.1	7.1	2.9
22	15.8	26.8	20.6	82.0	19.19	16.8	0.0	0.0	0.0	3.2
23	15.7	25.3	20.4	76.3	18.37	16.0	0.0	0.0	0.0	4.4
24	16.8	30.0	22.7	61.7	18.90	14.6	0.0	0.0	0.0	8.6
25	16.4	25.5	19.7	89.5	20.70	18.0	4.3	7.2	11.5	2.3
26	16.5	20.4	18.2	95.4	20.01	17.5	2.6	14.6	17.2	0.1
27	15.4	21.5	18.4	86.2	18.24	16.0	5.1	0.0	5.1	0.1
28	16.0	23.4	19.6	85.0	19.19	16.9	0.7	4.7	5.4	1.9
29	15.6	26.5	21.0	77.4	18.79	16.4	0.0	2.4	2.4	6.3
30	16.5	26.4	20.1	82.9	19.29	16.9	0.0	0.0	0.0	7.9
31	15.5	24.8	19.2	83.2	18.45	16.2	0.0	0.0	0.0	4.8
PROM.	15.9	24.8	19.7	83.1	18.90	16.5	39.6	57.3	96.9	111.8

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	23.5	18.9	84.4	18.24	16.0	0.0	0.0	0.0	0.4
2	14.8	22.0	18.3	87.3	18.24	16.0	2.7	1.9	4.6	1.6
3	15.8	24.0	18.5	87.0	18.74	16.5	9.2	1.7	10.9	2.5
4	15.0	23.0	19.2	67.1	14.49	12.5	1.2	0.1	1.3	1.2
5	14.8	27.5	21.3	62.7	14.60	12.6	0.0	0.0	0.0	7.6
6	15.0	24.6	18.9	79.9	17.30	15.2	2.7	0.0	2.7	2.9
7	14.0	27.0	20.5	71.9	17.03	14.7	0.0	0.0	0.0	10.1
8	14.5	26.4	19.7	73.3	17.02	14.6	1.5	0.0	1.5	5.9
9	15.8	25.0	19.5	85.9	19.43	17.0	0.0	0.0	0.0	6.3
10	15.0	25.4	19.8	83.3	19.03	16.7	0.0	0.0	0.0	6.8
11	15.4	24.0	20.2	57.3	13.51	11.4	0.0	0.0	0.0	4.1
12	15.2	23.2	18.6	81.8	17.45	15.3	0.0	0.3	0.3	1.2
13	14.9	24.0	19.3	84.4	18.73	16.5	0.0	0.0	0.0	4.9
14	15.8	25.8	19.3	81.2	18.05	15.9	0.0	0.0	0.0	5.3
15	14.8	26.0	19.6	74.9	18.60	14.5	0.6	3.7	4.3	7.8
16	14.5	24.6	19.1	84.9	18.73	16.5	6.4	2.0	8.4	4.1
17	14.8	23.5	18.5	88.4	18.88	16.6	0.2	30.7	30.9	3.7
18	14.0	21.4	18.2	83.2	17.13	15.0	0.0	0.0	0.0	0.6
19	15.0	23.4	19.1	87.1	19.16	16.8	0.5	0.0	0.5	1.5
20	14.8	24.5	19.1	81.1	17.72	15.6	0.0	0.0	0.0	4.7
21	14.0	24.5	19.1	84.6	18.41	16.1	0.0	0.0	0.0	5.7
22	15.0	25.4	18.2	83.5	17.84	15.7	5.1	4.2	9.3	2.3
23	14.0	22.5	17.8	88.9	18.38	16.1	3.0	0.3	3.3	2.6
24	15.8	23.5	18.4	89.0	19.06	16.7	1.2	12.3	13.5	3.5
25	14.5	20.0	17.1	93.3	18.22	16.6	5.3	0.0	5.3	1.0
26	12.5	23.6	18.2	83.3	17.15	15.0	0.0	0.0	0.0	7.7
27	12.5	25.0	19.5	71.0	15.68	13.6	0.0	0.0	0.0	8.2
28	12.8	25.1	18.3	84.3	17.55	15.3	0.0	0.0	0.0	2.5
29	14.6	26.0	19.4	78.7	17.51	15.3	0.0	0.0	0.0	7.2
30	14.8	25.8	19.1	84.3	18.55	16.3	0.0	0.0	0.0	4.8
PROM	14.7	24.3	19.0	80.9	17.61	15.4	39.6	57.2	96.8	128.7

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.988

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	15.0	23.0	18.4	88.7	16.69	16.4	2.9	0.0	2.9	3.4
2	14.8	22.0	17.9	85.4	17.41	15.3	7.3	21.2	28.5	1.7
3	14.5	21.5	17.5	90.9	18.10	15.9	2.4	35.0	37.4	0.4
4	14.8	19.4	16.7	95.7	18.09	15.9	1.1	4.2	5.3	0.3
5	13.8	20.8	16.7	93.4	17.83	15.7	4.6	3.4	8.0	0.7
6	14.5	23.4	17.4	85.6	17.18	15.1	3.8	0.0	3.8	3.8
7	13.8	23.0	17.9	86.8	17.76	15.6	0.2	16.0	16.2	4.4
8	14.5	23.5	18.8	86.6	18.65	16.3	2.3	0.0	2.3	4.5
9	14.0	24.4	19.8	74.3	17.01	14.5	0.0	0.0	0.0	4.2
10	14.1	24.5	20.0	67.1	15.32	13.1	0.0	0.0	0.0	8.2
11	13.5	24.6	19.4	77.8	17.18	15.1	0.1	0.0	0.1	7.2
12	14.8	25.0	19.5	62.7	13.98	11.7	0.0	0.0	0.0	3.0
13	17.4	24.5	20.0	43.3	10.38	7.5	0.0	0.0	0.0	7.5
14	18.0	29.0	21.7	51.0	13.18	10.4	0.0	0.0	0.0	9.1
15	13.8	26.7	21.4	48.8	11.83	9.4	0.0	0.0	0.0	10.2
16	14.9	27.4	21.6	47.1	11.36	8.8	0.0	0.0	0.0	
17	17.6	26.5	20.4	62.2	15.11	12.8	0.8	0.0	0.8	3.4
18	14.7	24.0	19.0	63.1	13.72	11.5	0.0	0.0	0.0	4.3
19	14.8	25.5	20.1	61.8	14.34	12.3	0.0	0.0	0.0	6.7
20	14.5	23.5	18.6	79.6	17.13	15.0	0.0	0.0	0.0	5.8
21	14.0	23.4	18.7	84.9	18.21	16.0	0.0	0.0	0.0	4.6
22	13.8	25.0	20.2	65.6	14.41	12.3	0.0	0.0	0.0	3.7
23	14.0	25.4	19.6	71.0	16.08	14.0	0.0	0.0	0.0	6.4
24	14.8	25.0	20.4	81.7	19.19	16.8	0.3	0.0	0.3	5.0
25	15.0	24.7	19.3	82.5	18.34	16.1	0.0	0.0	0.0	5.3
26	13.8	25.8	20.3	51.1	11.37	8.8	0.0	0.0	0.0	7.6
27	13.8	27.5	19.6	68.5	15.12	12.5	0.0	0.0	0.0	9.2
28	13.5	30.0	20.4	72.1	16.28	14.1	0.0	0.0	0.0	10.6
29	14.0	28.6	20.2	71.8	15.73	13.5	0.0	0.0	0.0	7.7
30	14.5	27.0	19.6	77.0	17.31	15.2	0.0	0.0	0.0	8.0
31	15.5	27.3	20.8	74.9	17.67	15.5	0.0	0.0	0.0	7.7
PROM.	14.7	24.9	19.4	72.7	15.93	13.7	25.8	79.8	105.6	

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.0	19.7	78.0	17.62	15.5	0.5	5.0	5.5	2.0
2	14.5	25.4	19.7	81.3	18.24	16.0	0.5	7.4	7.9	3.6
3	14.0	25.2	18.9	84.1	18.21	15.9	0.0	0.0	0.0	6.5
4	14.6	26.2	19.7	74.1	16.24	14.2	0.0	0.0	0.0	10.4
5	14.0	25.5	19.2	73.3	15.81	13.8	0.0	0.0	0.0	8.2
6	14.8	25.0	19.8	76.5	17.46	15.4	0.0	0.0	0.0	3.9
7	15.5	24.6	19.6	82.7	18.81	16.5	0.0	0.0	0.0	3.7
8	15.0	22.3	17.3	82.3	16.33	14.3	0.3	0.0	0.3	3.0
9	13.5	26.8	19.6	65.9	14.23	11.6	0.0	0.0	0.0	8.9
10	15.5	26.0	20.7	60.2	13.97	11.7	0.0	0.0	0.0	3.6
11	16.0	30.0	22.0	56.5	14.89	12.6	0.0	0.0	0.0	9.3
12	13.3	26.0	19.8	66.2	14.80	12.5	0.9	0.0	0.9	6.1
13	14.6	26.0	20.0	78.2	18.02	15.8	0.4	0.0	0.4	4.5
14	16.0	25.0	19.5	81.2	18.21	16.0	0.0	1.9	1.9	2.6
15	15.5	28.0	20.6	75.8	17.95	15.7	0.5	0.0	0.5	8.4
16	14.0	25.1	18.9	77.6	16.69	14.6	0.0	0.7	0.7	5.8
17	16.0	26.0	20.0	82.5	18.72	16.3	0.2	13.6	13.8	4.0
18	14.4	25.0	19.6	75.6	16.89	14.8	0.0	0.3	0.3	7.6
19	13.8	22.3	18.0	78.2	15.87	13.9	0.0	1.7	1.7	1.5
20	15.2	22.4	19.0	84.8	18.84	16.8	3.9	9.6	13.5	3.6
21	15.0	26.0	19.8	78.0	18.03	15.9	0.0	0.0	0.0	4.1
22	16.3	26.3	19.0	68.3	15.21	13.1	0.0	0.0	0.0	3.9
23	15.6	26.8	20.4	56.1	13.28	11.1	0.0	0.0	0.0	6.9
24	15.0	24.6	19.1	72.5	16.48	14.2	0.0	0.0	0.0	2.1
25	14.0	25.9	19.6	69.9	15.57	13.4	0.0	0.0	0.0	5.5
26	14.0	24.8	19.3	75.5	16.98	14.5	2.2	0.0	2.2	5.3
27	14.5	25.0	18.7	81.4	17.53	15.4	0.4	1.1	1.5	2.3
28	14.9	24.5	19.9	77.8	16.09	15.9	0.0	0.0	0.0	4.6
29	15.0	23.5	17.9	89.1	16.15	15.9	5.5	6.0	11.5	2.5
30	15.1	24.0	18.2	82.8	17.22	15.1	6.7	6.2	12.9	3.5
31	14.6	24.2	18.9	80.0	17.09	15.0	0.0	0.9	0.9	3.4
PROM	14.8	25.3	19.4	75.7	16.82	14.6	22.0	54.4	76.4	151.3

ESTACION: OSPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.988

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.0	20.8	72.4	18.01	15.7	0.0	0.0	0.0	4.4
2	15.5	25.0	19.9	65.4	14.89	12.7	0.0	0.0	0.0	0.7
3	16.0	27.5	20.8	70.1	17.33	15.2	0.0	0.0	0.0	8.3
4	15.5	27.6	19.4	77.2	17.26	15.1	0.0	0.0	0.0	5.8
5	14.5	28.4	20.3	77.1	17.72	15.6	0.0	0.0	0.0	7.3
6	14.5	27.0	20.2	73.8	16.96	14.8	0.0	0.0	0.0	9.7
7	16.0	26.5	19.5	79.4	17.72	15.6	0.0	1.8	1.8	4.7
8	16.0	25.0	19.4	80.6	17.85	15.7	3.0	0.1	3.1	4.9
9	16.0	22.8	18.7	87.7	18.97	16.7	5.0	3.3	8.3	2.5
10	16.0	23.6	18.5	91.0	19.31	16.9	1.1	12.2	13.3	1.3
11	15.8	24.5	19.1	84.1	18.47	16.3	0.9	3.4	4.3	4.0
12	15.5	22.5	18.0	88.0	18.10	15.9	4.5	1.3	5.8	1.1
13	15.0	23.6	18.0	88.5	18.28	16.1	2.1	0.7	2.8	1.9
14	16.0	22.8	18.2	84.9	17.81	15.7	8.7	0.1	8.8	1.0
15	15.5	26.5	20.5	72.8	17.19	15.1	0.0	0.0	0.0	4.1
16	15.0	28.4	20.6	78.5	18.50	16.2	0.4	23.4	23.8	7.4
17	15.5	24.4	19.2	78.8	17.98	15.8	0.0	0.1	0.1	6.8
18	15.4	23.6	18.6	84.9	18.19	16.0	0.0	1.2	1.2	3.4
19	16.0	22.5	18.3	88.4	18.81	16.5	0.4	0.0	0.4	1.7
20	15.8	22.0	18.3	87.7	18.46	16.2	0.0	1.7	1.7	2.7
21	15.0	22.6	18.3	79.0	16.73	14.6	0.0	0.0	0.0	0.8
22	13.5	25.5	18.4	83.2	17.35	15.2	1.4	0.5	1.9	5.6
23	14.0	26.6	19.6	76.1	17.10	14.9	9.7	0.0	9.7	6.4
24	15.5	26.0	19.5	83.3	18.92	16.6	25.1	0.0	25.1	5.3
25	15.0	26.8	20.0	71.8	16.22	14.1	0.0	0.0	0.0	3.5
26	15.0	25.8	19.4	75.7	16.37	14.2	0.0	0.0	0.0	2.7
27	15.4	27.0	19.4	73.1	16.16	14.1	0.0	0.0	0.0	7.5
28	15.5	25.8	19.7	74.6	17.05	14.9	0.0	0.0	0.0	4.7
29	15.0	23.0	18.5	87.0	18.46	16.2	0.0	16.3	16.3	1.6
30	14.2	24.0	18.0	81.8	16.85	14.8	3.1	10.7	13.8	3.0
PROM.	15.3	25.1	19.2	79.9	17.63	15.4	65.4	76.8	142.2	124.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.8	20.0	77.2	17.96	15.8	0.0	2.5	2.5	4.1
2	16.0	26.0	19.5	82.5	18.55	16.3	0.5	0.0	0.5	3.2
3	16.5	24.8	19.5	86.9	19.59	17.2	0.0	7.8	7.8	0.2
4	16.0	23.5	18.9	88.5	19.39	17.0	2.4	0.0	2.4	2.3
5	15.8	24.6	19.2	86.0	19.11	16.8	0.0	1.6	1.6	2.8
6	16.0	25.5	19.7	82.1	18.97	16.7	4.7	2.8	7.5	3.9
7	16.5	22.5	18.9	90.6	19.90	17.4	0.3	0.0	0.3	1.5
8	14.5	24.0	18.9	82.3	18.20	16.0	0.0	0.5	0.5	4.2
9	16.0	25.4	19.6	81.9	18.63	16.4	0.0	0.4	0.4	5.4
10	14.5	28.4	20.6	75.7	18.13	15.9	0.0	0.0	0.0	7.7
11	14.6	25.5	20.0	73.2	17.15	14.8	0.0	0.0	0.0	5.9
12	15.8	23.8	18.8	82.1	17.78	15.6	0.0	13.6	13.6	1.7
13	15.2	24.0	18.2	85.1	17.83	15.7	6.0	5.1	11.1	2.1
14	15.0	22.6	17.8	88.4	17.97	15.8	0.2	0.0	0.2	1.2
15	14.4	24.8	17.2	84.8	16.96	14.9	2.3	0.0	2.3	5.4
16	14.7	26.0	19.0	78.6	17.15	15.1	0.0	0.0	0.0	8.3
17	14.5	25.0	19.0	78.3	16.96	14.9	0.0	0.0	0.0	3.9
18	16.0	24.5	19.5	84.7	19.06	16.7	0.0	0.1	0.1	1.9
19	14.5	26.6	19.9	75.6	16.90	14.8	0.0	0.0	0.0	4.0
20	14.4	27.5	19.3	68.4	15.07	13.0	0.0	0.0	0.0	5.6
21	15.8	26.4	20.3	75.2	17.53	15.4	0.0	0.0	0.0	4.6
22	16.0	26.0	19.2	80.8	18.07	15.9	0.0	0.0	0.0	3.4
23	14.5	27.6	20.8	73.8	16.08	15.9	0.0	0.0	0.0	9.9
24	13.5	27.0	19.2	77.5	16.82	14.7	5.4	0.3	5.7	8.2
25	16.0	26.5	19.6	82.2	18.67	16.4	0.4	0.0	0.4	8.0
26	16.5	27.5	20.5	77.2	18.30	16.1	0.0	0.4	0.4	4.6
27	16.4	26.4	19.9	81.7	18.81	16.5	0.5	0.0	0.5	1.7
28	15.0	22.0	18.3	86.7	18.31	16.1	0.7	0.0	0.7	0.0
29	16.0	26.6	19.5	81.9	18.45	16.2	2.0	1.2	3.2	7.1
30	14.0	24.5	18.6	82.5	17.60	15.4	0.0	0.0	0.0	5.8
31	15.8	24.4	19.2	84.0	18.61	16.4	0.0	14.9	14.9	4.6
PROM	15.3	25.3	19.3	81.2	18.08	15.9	25.4	51.2	76.6	133.2

ESTACION: USPINA PEREZ MUNICIPIO: CONSACA AÑO: 1.968

ALTITUD: 1.700 LATITUD: 1-16 N. LONGITUD: 77-28 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	16.5	19.5	17.6	95.3	19.33	17.0	8.2	14.6	22.8	0.0
2	15.0	20.8	17.6	91.9	18.40	16.2	12.4	117.3	129.7	0.0
3	16.0	24.4	19.5	87.1	19.76	17.3	8.6	0.0	8.6	2.0
4	14.5	26.2	19.8	81.0	18.27	16.0	0.0	0.0	0.0	8.7
5	15.0	24.0	19.2	81.5	18.12	15.9	0.0	0.0	0.0	3.1
6	15.5	23.5	18.8	85.0	18.44	16.2	0.0	0.0	0.0	5.0
7	15.4	24.4	19.4	82.0	18.25	16.1	0.0	16.5	16.5	2.4
8	16.0	26.5	19.8	80.0	18.37	16.2	0.0	2.0	2.0	3.8
9	16.1	22.5	18.3	90.1	18.99	16.7	5.0	3.5	8.5	2.2
10	16.0	22.9	18.7	87.8	18.94	16.6	2.3	0.9	3.2	3.1
11	16.2	22.0	18.4	89.6	19.07	16.7	2.5	8.0	10.5	1.9
12	16.5	24.2	18.5	91.5	19.54	17.1	16.5	26.0	42.5	3.2
13	16.4	22.0	18.2	94.6	20.12	17.6	10.9	3.2	14.1	1.0
14	16.0	22.5	17.8	94.8	19.47	17.1	12.1	6.9	19.0	1.2
15	15.4	22.0	18.4	90.2	19.16	16.8	0.2	22.4	22.6	0.1
16	15.6	21.8	18.3	89.3	18.74	16.5	12.7	18.6	31.3	0.5
17	15.0	24.5	18.8	83.8	18.21	16.0	0.2	7.5	7.7	4.5
18	15.6	26.0	19.5	82.8	18.63	16.4	17.5	0.0	17.5	4.7
19	15.4	25.4	19.2	81.9	18.12	15.9	0.0	4.6	4.6	8.1
20	15.5	23.4	18.7	84.4	18.33	16.1	0.0	1.3	1.3	2.2
21	16.0	25.0	19.1	83.8	18.64	16.4	0.0	3.0	3.0	4.5
22	16.0	24.0	18.3	84.9	18.02	15.9	4.8	2.5	7.3	3.0
23	15.0	24.1	18.9	86.0	18.73	16.5	0.0	8.6	8.6	1.1
24	16.2	22.2	17.8	91.6	18.62	16.4	3.6	5.7	9.3	0.6
25	16.0	25.8	19.2	83.5	18.54	16.3	0.0	10.2	10.2	3.8
26	15.5	24.0	18.5	85.8	18.51	16.3	4.9	0.1	5.0	4.3
27	16.5	23.8	18.9	87.3	19.06	16.7	4.0	46.3	50.3	4.7
28	16.3	21.0	17.9	92.9	19.21	16.9	2.5	22.7	25.2	1.1
29	15.4	25.0	19.0	83.8	18.19	16.0	0.0	15.5	15.5	5.2
30	16.0	24.0	19.0	84.5	18.55	16.3	1.7	0.0	1.7	3.8
PROM.	15.8	23.6	18.7	87.0	18.74	16.5	130.6	367.9	498.5	89.8

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	15.0	25.4	19.1	82.4	18.34	16.1	0.0	1.2	1.2	7.3
2	16.0	25.0	19.2	82.4	18.23	16.0	0.0	0.0	0.0	7.8
3	15.8	24.8	18.7	81.6	17.43	15.3	0.0	0.0	0.0	7.4
4	16.0	23.0	18.0	83.6	17.19	15.1	3.3	0.0	3.3	1.1
5	15.0	20.8	17.2	90.6	17.87	15.7	4.8	0.0	4.8	0.0
6	15.2	24.0	18.2	81.2	16.91	14.9	0.0	1.9	1.9	2.4
7	15.5	22.5	17.8	87.5	18.03	15.9	1.6	4.6	6.2	2.4
8	15.0	21.5	17.5	84.7	16.91	14.9	1.5	4.3	5.8	1.6
9	14.5	23.5	18.3	84.2	17.78	15.6	1.6	0.0	1.6	2.6
10	14.0	26.2	19.3	80.5	17.61	15.5	0.0	0.0	0.0	7.3
11	15.0	26.4	18.9	80.4	17.48	15.4	5.3	0.0	5.3	6.2
12	14.0	25.8	18.2	84.4	17.60	15.5	3.3	0.0	3.3	5.1
13	14.5	24.4	18.7	81.5	17.30	15.2	2.6	10.2	12.8	4.9
14	15.4	22.5	17.4	92.9	18.64	16.4	12.6	0.0	12.6	2.8
15	14.5	26.0	19.5	80.5	18.16	16.0	0.0	0.2	0.2	6.2
16	15.0	23.5	18.4	87.7	18.75	16.5	0.6	2.2	2.8	4.0
17	15.1	23.0	18.2	87.1	18.15	16.0	0.0	2.1	2.1	1.9
18	15.4	21.5	17.6	91.6	18.59	16.3	1.8	0.2	2.0	1.4
19	15.5	24.4	18.0	87.0	17.97	15.8	1.9	0.6	2.5	3.1
20	15.2	24.6	18.9	83.0	17.89	15.7	0.0	0.0	0.0	8.4
21	13.5	24.8	18.7	75.5	15.82	13.7	0.0	0.0	0.0	9.2
22	16.0	25.4	18.9	85.9	19.05	16.7	0.0	0.9	0.9	7.2
23	15.2	25.2	18.6	84.2	17.95	15.8	0.7	1.1	1.8	5.3
24	16.0	22.4	18.1	85.7	17.79	15.6	0.9	0.5	1.4	2.5
25	15.4	21.0	17.7	87.2	17.67	15.5	4.4	4.5	8.9	0.2
26	15.5	24.2	18.8	86.3	18.74	16.5	0.2	20.7	20.9	5.7
27	15.4	22.4	17.9	90.2	18.40	16.2	3.0	0.0	3.0	3.3
28	15.0	22.0	17.7	89.6	18.31	16.1	11.3	12.4	23.7	1.5
29	15.2	23.8	17.9	87.5	17.98	15.8	0.0	10.0	10.0	5.9
30	16.0	23.7	18.4	85.6	18.14	16.0	3.5	1.4	4.9	1.4
31	15.5	23.0	17.9	89.5	18.47	16.2	0.6	11.1	11.7	3.3
PROM	15.2	23.7	18.3	85.2	17.91	15.7	65.5	90.1	155.6	129.4

ESTACION: OSPINA PEREZ MUNICIPIO: CENSACA AÑO: 1.988

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.	Dias lluvias	
ENERO	15.3	25.9	19.9	12.8	29.0	80.4	18.29	16.0	103.7	15	164.9
FEBRERO	15.3	25.3	19.7	14.0	29.4	82.5	18.71	16.4	79.2	16	130.8
MARZO	15.7	26.9	20.4	13.4	30.2	76.0	17.68	15.4	26.1	6	
ABRIL	15.6	24.5	19.4	14.5	28.0	85.1	18.96	16.6	298.7	27	89.5
MAYO	15.9	24.8	19.7	14.0	30.0	83.1	18.90	16.5	96.9	21	111.8
JUNIO	14.7	24.3	19.0	12.5	28.0	80.5	17.61	15.4	96.8	14	128.7
JULIO	14.7	24.9	19.4	13.5	30.0	72.7	15.93	13.7	105.6	11	
AGOSTO	14.8	25.3	19.4	13.3	30.0	75.7	16.82	14.6	76.4	17	151.3
SEPTIEMBRE	15.3	25.1	19.2	13.5	28.4	79.5	17.63	15.4	142.2	18	124.8
OCTUBRE	15.3	25.3	19.3	13.5	28.4	81.2	18.08	15.9	76.6	21	133.2
NOVIEMBRE	15.8	23.6	18.7	14.5	26.5	87.0	18.74	16.5	498.5	27	89.8
DICIEMBRE	15.2	23.7	18.3	13.5	26.4	85.2	17.91	15.7	155.6	26	129.4
PROMEDIO	15.3	25.0	19.4	13.6	28.7	80.8	17.94	15.7			
TOTAL									1756.3	219	

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.968

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	15.0	25.4	19.7	84.8	18.98	16.6	0.0	0.0	0.0	
2	13.0	26.5	19.6	80.5	17.55	15.2	0.0	0.0	0.0	8.8
3	11.8	26.7	19.5	73.7	15.57	13.2	0.0	0.0	0.0	
4	14.0	25.5	19.8	84.3	18.90	16.5	0.0	0.0	0.0	4.7
5	16.5	25.2	20.6	82.0	19.47	16.5	0.0	0.0	0.0	4.3
6	15.5	27.3	21.2	76.6	18.23	15.8	0.0	0.0	0.0	7.6
7	14.0	27.1	20.3	77.4	17.35	15.0	0.0	0.0	0.0	
8	14.2	26.0	20.0	79.4	17.87	15.6	0.0	0.0	0.0	
9	12.7	27.1	18.2	77.1	15.10	12.9	0.0	0.0	0.0	8.9
10	11.8	27.2	19.6	69.9	14.83	12.5	0.0	0.0	0.0	
11	13.0	26.8	20.2	77.5	17.43	15.1	0.0	0.0	0.0	
12	14.0	27.0	19.9	78.8	17.37	14.9	0.0	0.0	0.0	8.0
13	12.0	25.5	19.1	78.8	16.82	14.6	0.0	0.0	0.0	6.3
14	13.5	27.0	20.1	75.4	16.66	14.4	0.0	0.0	0.0	6.7
15	15.5	27.0	20.1	78.9	17.81	15.5	0.0	0.0	0.0	5.7
16	16.0	25.4	19.8	84.8	19.42	17.0	0.0	0.0	0.0	4.1
17	15.4	22.3	18.0	90.1	18.73	16.5	0.4	0.1	0.5	
18	16.0	22.4	18.1	93.2	19.60	17.2	0.0	0.0	0.0	1.6
19	14.0	22.0	17.8	92.0	18.56	16.3	0.0	0.0	0.0	0.9
20	15.8	25.0	19.9	83.0	19.03	16.7	0.0	0.0	0.0	2.7
21	15.0	23.5	19.2	81.8	17.92	15.8	0.0	0.0	0.0	3.0
22	14.0	24.5	19.3	78.5	17.30	15.2	0.0	0.0	0.0	4.3
23	13.8	25.2	19.2	81.1	17.39	15.2	0.0	0.0	0.0	7.7
24	13.4	27.3	20.2	73.3	16.13	13.9	0.0	0.0	0.0	
25	15.2	26.4	20.5	76.0	17.12	14.6	0.0	0.0	0.0	7.2
26	14.5	24.4	19.6	81.2	17.98	15.8	0.5	0.0	0.5	5.3
27	13.5	28.0	19.6	73.8	16.61	13.3	0.0	0.1	0.1	4.8
28	16.0	21.5	18.8	90.1	19.25	16.8	0.2	0.1	0.3	0.1
29	16.0	23.4	19.5	83.7	18.51	16.2	0.0	0.0	0.0	1.2
30	15.5	24.4	19.2	82.5	17.83	15.5	9.0	0.5	9.5	6.4
31	15.8	26.9	20.0	79.3	17.91	15.6	1.4	1.0	2.4	
PROM.	14.4	25.5	19.6	80.6	17.69	15.4	11.5	1.8	13.3	

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	14.8	28.5	20.5	78.0	17.87	15.5	0.0	0.0	0.0	8.5
2	14.0	26.4	20.2	78.6	17.85	15.6	0.0	0.0	0.0	4.2
3	14.5	26.0	20.1	79.6	17.89	15.6	0.0	0.9	0.9	5.9
4	15.7	23.0	18.7	85.0	18.16	15.9	0.5	1.3	1.8	1.7
5	16.4	20.4	18.6	93.5	19.99	17.5	0.3	0.0	0.3	0.0
6	15.5	25.3	19.3	77.5	18.63	14.2	0.8	0.0	0.8	2.7
7	15.0	24.2	19.6	86.3	19.47	17.0	0.0	0.0	0.0	0.9
8	16.5	24.1	19.6	92.1	21.08	18.3	0.4	0.0	0.4	2.7
9	15.8	23.5	20.0	85.6	19.64	17.2	0.0	0.0	0.0	
10	15.0	27.0	21.2	75.8	17.97	15.6	0.0	0.1	0.1	3.9
11	15.8	21.4	18.6	91.1	19.40	17.0	0.0	0.0	0.0	0.1
12	15.5	24.4	19.8	83.1	18.71	16.3	0.0	9.5	9.5	1.6
13	16.8	22.0	18.6	93.5	20.03	17.5	3.1	1.3	4.4	1.5
14	14.8	22.3	18.8	92.2	19.83	17.3	1.7	0.0	1.7	
15	16.0	26.0	21.0	81.5	19.78	17.2	0.0	0.0	0.0	4.7
16	14.4	26.5	20.4	79.5	18.16	15.8	0.0	0.0	0.0	4.5
17	14.5	26.3	20.1	78.6	17.58	15.3	0.0	0.0	0.0	7.2
18	14.0	26.8	20.3	76.5	17.15	14.8	0.0	0.0	0.0	
19	13.6	28.0	20.5	78.3	17.98	15.7	0.0	0.0	0.0	8.9
20	13.5	26.0	20.3	74.6	17.13	15.0	0.0	0.0	0.0	8.1
21	14.0	28.0	20.9	76.3	17.76	15.5	0.0	0.0	0.0	
22	16.8	26.0	21.7	78.7	19.98	17.4	0.0	0.0	0.0	1.1
23	16.4	23.6	20.2	85.0	19.80	17.3	0.0	2.7	2.7	0.4
24	16.5	21.8	19.5	88.0	19.86	17.4	0.6	5.5	6.1	0.0
25	17.2	24.5	18.9	92.5	20.31	17.7	0.0	1.9	1.9	1.7
26	15.0	21.8	18.0	90.4	18.84	16.6	0.1	0.1	0.2	0.6
27	16.0	20.2	18.9	92.7	19.98	17.8	0.0	7.5	7.5	0.4
28	15.4	20.8	17.9	92.2	18.97	16.7	0.1	0.5	0.6	
29	15.0	21.8	17.3	96.9	19.20	16.8	0.0	0.4	0.4	1.2
PROM	15.3	24.4	19.6	84.6	18.79	16.4	7.6	31.7	39.3	

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.988

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

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.5	22.3	18.2	87.3	18.25	16.1	1.2	18.1	19.3	0.6
2	15.8	19.4	17.1	96.3	18.91	16.8	3.9	0.3	4.2	0.1
3	16.0	22.4	19.3	89.7	20.04	17.5	0.0	0.0	0.0	1.4
4	14.5	27.0	20.5	77.7	17.92	15.8	0.0	0.0	0.0	7.3
5	12.8	24.2	19.3	81.8	17.83	15.7	0.0	0.0	0.0	3.2
6	14.2	25.6	19.1	84.1	18.28	16.0	0.0	0.0	0.0	5.7
7	13.8	27.6	20.7	76.9	17.99	15.7	0.0	0.0	0.0	6.9
8	14.0	24.4	19.1	85.2	18.49	16.2	0.0	0.0	0.0	3.0
9	16.0	24.0	18.9	88.8	19.55	17.2	0.0	0.0	0.0	2.3
10	14.0	25.0	18.6	83.9	17.78	15.6	0.0	0.0	0.0	3.3
11	16.4	24.0	19.7	85.5	19.48	17.1	0.0	0.0	0.0	2.4
12	15.5	23.4	19.7	86.0	19.65	17.2	0.0	0.0	0.0	1.7
13	15.0	25.0	19.9	84.5	19.60	17.1	0.0	0.0	0.0	2.1
14	16.4	26.4	20.9	79.9	19.41	17.0	0.0	0.0	0.0	1.3
15	16.2	25.6	20.4	85.0	20.17	17.6	0.0	0.0	0.0	2.3
16	15.5	21.0	18.1	94.0	19.54	17.1	0.0	0.0	0.0	0.0
17	14.4	24.4	19.9	87.4	20.00	17.5	0.0	0.0	0.0	0.6
18	15.8	27.5	21.1	75.4	18.33	15.9	0.0	0.0	0.0	5.6
19	14.8	29.3	20.8	65.1	15.26	13.0	0.0	0.0	0.0	7.6
20	14.7	30.2	21.5	70.7	17.12	14.9	0.0	0.0	0.0	
21	15.7	30.4	22.3	65.1	16.92	14.7	0.0	0.0	0.0	
22	16.8	28.9	21.6	70.1	17.41	15.1	0.0	0.0	0.0	6.1
23	13.0	29.2	21.6	68.3	16.83	14.5	0.0	0.0	0.0	7.3
24	12.6	27.8	20.2	73.3	16.51	14.4	0.0	0.0	0.0	6.4
25	12.4	27.3	20.0	76.6	17.02	14.8	0.0	0.0	0.0	4.6
26	16.0	28.8	21.8	72.8	18.08	15.7	0.0	0.0	0.0	4.6
27	14.9	28.0	21.0	73.7	17.44	15.3	0.0	0.0	0.0	
28	14.9	26.2	20.9	74.6	17.84	15.6	0.0	0.0	0.0	0.8
29	14.8	27.0	21.5	76.6	19.08	16.8	0.0	0.8	0.8	1.0
30	16.4	25.3	19.5	86.5	19.80	17.4	0.0	0.0	0.0	
31	16.9	22.0	18.9	92.2	20.36	17.8	0.0	0.0	0.0	
PROM.	15.0	25.8	20.1	80.5	18.42	16.1	5.1	19.2	24.3	

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	24.8	20.1	84.0	19.79	17.3	0.5	7.4	7.9	
2	16.7	22.6	18.8	91.8	20.20	17.7	0.0	0.2	0.2	
3	16.0	23.3	20.3	84.1	19.83	17.4	0.0	0.0	0.0	
4	16.4	26.0	21.7	75.6	19.32	16.9	9.7	0.0	9.7	
5	18.4	27.5	21.2	76.6	19.16	16.8	9.9	0.0	9.9	1.2
6	17.0	24.0	19.8	90.7	20.72	18.1	0.0	0.0	0.0	0.2
7	16.8	26.0	21.3	84.2	21.02	18.3	1.2	0.0	1.2	0.8
8	16.7	25.2	20.2	86.3	20.30	17.7	0.2	0.0	0.2	0.5
9	17.8	23.0	20.0	90.4	21.11	18.4	0.0	0.0	0.0	2.4
10	16.4	26.4	19.7	86.3	20.09	17.6	4.8	0.0	4.8	
11	16.0	26.6	20.1	84.2	20.13	17.6	0.0	0.0	0.0	3.6
12	18.0	25.0	20.5	85.5	20.70	18.0	2.6	21.5	24.1	2.0
13	16.8	22.4	20.2	91.7	21.40	18.5	4.2	0.0	4.2	
14	15.4	25.2	20.5	84.3	20.04	17.5	0.0	0.0	0.0	5.3
15	15.8	23.6	19.5	90.5	20.35	17.7	0.0	0.0	0.0	0.1
16	14.8	25.0	20.0	87.4	20.25	17.6	0.0	0.0	0.0	7.1
17	15.4	25.4	20.1	85.8	20.20	17.7	0.0	0.0	0.0	
18	15.5	26.4	20.7	79.2	18.85	16.5	0.0	0.0	0.0	2.7
19	15.4	28.2	21.2	78.7	19.20	16.8	0.0	0.0	0.0	7.4
20	15.3	28.8	22.0	75.7	19.15	16.7	0.0	0.0	0.0	7.1
21	15.8	26.6	20.8	83.4	20.38	17.8	0.0	1.3	1.3	4.5
22	17.6	24.6	20.2	86.9	20.67	18.0	3.2	0.0	3.2	0.7
23	15.8	23.4	20.1	90.8	21.22	18.4	0.0	0.0	0.0	0.1
24	16.4	25.4	20.7	83.1	20.04	17.5	0.0	0.0	0.0	2.6
25	15.0	27.0	21.1	77.0	18.61	16.2	0.0	0.0	0.0	3.0
26	15.3	28.8	22.5	73.1	19.37	16.9	0.0	0.0	0.0	7.5
27	16.0	28.4	23.0	66.4	18.15	15.9	0.0	0.0	0.0	3.6
28	16.2	27.6	20.5	79.8	18.83	16.5	1.4	0.0	1.4	3.2
29	16.0	27.0	21.5	78.6	19.51	17.0	0.0	1.4	1.4	3.4
30	17.4	23.5	20.2	89.0	20.91	18.2	2.7	2.3	5.0	1.7
PROM	16.3	25.6	20.6	83.4	19.98	17.4	40.4	34.1	74.5	

ESTACION: BLUNAY MUNICIPIO: CHINACOTA AÑO: 1.968

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	15.4	28.4	21.6	75.4	18.63	16.3	0.0	0.0	0.0	4.1
2	16.3	28.2	21.1	82.4	20.78	18.1	34.5	2.4	36.9	1.6
3	16.4	28.0	22.0	82.7	21.76	18.8	0.0	0.0	0.0	5.4
4	17.2	27.3	21.1	85.1	21.33	18.9	0.0	0.0	0.0	4.1
5	16.8	28.5	22.2	78.8	20.60	17.9	0.0	0.0	0.0	5.8
6	17.4	27.8	21.7	83.1	21.64	18.7	0.2	3.8	4.0	5.0
7	17.0	27.0	21.6	82.7	21.21	18.4	0.0	0.0	0.0	6.3
8	16.4	27.6	21.2	82.5	20.79	18.1	0.0	0.0	0.0	6.0
9	16.0	29.8	22.4	81.3	21.74	18.8	0.0	0.0	0.0	
10	18.0	27.8	21.6	82.9	21.38	18.5	0.4	1.3	1.7	2.9
11	15.4	28.4	20.9	67.1	16.06	13.9	0.0	0.0	0.0	5.8
12	16.0	29.5	22.8	70.4	18.66	16.3	0.0	0.0	0.0	6.6
13	16.4	27.3	21.7	81.4	20.98	18.2	0.8	0.4	1.2	5.6
14	16.8	25.6	21.5	83.1	21.16	18.4	0.0	0.0	0.0	6.0
15	17.4	26.2	20.6	85.5	20.68	18.0	4.2	0.0	4.2	
16	16.2	26.0	21.0	81.6	20.09	17.5	0.0	0.0	0.0	
17	17.4	30.0	22.1	73.5	19.06	16.6	0.0	0.0	0.0	7.5
18	16.8	26.8	23.0	73.1	20.29	17.7	0.0	0.3	0.3	3.2
19	16.0	27.4	21.8	82.9	21.29	18.4	0.3	0.5	0.8	4.8
20	16.2	29.4	23.1	76.4	20.78	17.9	0.0	0.0	0.0	4.2
21	16.0	29.0	22.3	79.0	20.46	17.8	0.0	0.0	0.0	6.7
22	16.5	27.2	21.2	77.8	19.38	16.9	0.0	0.0	0.0	1.0
23	16.0	24.4	20.2	76.5	18.40	16.2	2.4	0.0	2.4	0.1
24	15.8	28.0	22.0	66.6	17.53	15.3	0.0	0.0	0.0	0.8
25	17.0	27.0	20.1	80.9	19.32	16.9	4.2	0.0	4.2	1.0
26	16.8	29.4	23.0	58.0	16.22	14.0	0.0	0.0	0.0	5.1
27	14.8	29.0	21.4	73.3	18.44	16.2	0.0	0.0	0.0	4.6
28	15.0	30.0	21.1	72.8	17.70	15.5	11.1	0.0	11.1	7.4
29	15.4	28.4	21.2	77.4	18.88	16.4	0.0	0.0	0.0	
30	16.0	29.4	22.5	74.3	20.13	17.6	0.0	0.0	0.0	6.4
31	17.4	29.6	22.1	78.6	20.39	17.7	0.2	7.1	7.3	4.7
PROM.	16.4	28.0	21.7	77.6	19.86	17.3	58.3	15.8	74.1	

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	29.4	21.3	82.0	20.63	18.0	25.7	0.2	25.9	5.5
2	17.0	25.8	20.3	83.4	19.97	17.4	0.0	0.0	0.0	2.8
3	16.7	22.0	17.9	96.8	20.45	17.8	9.0	0.0	9.0	0.1
4	14.8	27.4	21.4	78.1	19.72	17.3	0.0	0.0	0.0	5.9
5	14.9	27.6	20.6	82.0	19.83	17.4	0.0	0.0	0.0	8.5
6	14.8	29.3	20.9	75.8	17.58	15.2	0.0	0.0	0.0	7.6
7	14.4	28.0	21.4	78.0	19.70	17.2	0.0	0.0	0.0	1.7
8	14.2	30.0	21.0	69.7	16.45	14.2	0.0	0.0	0.0	7.2
9	15.0	27.3	21.2	80.7	20.31	17.7	0.0	0.0	0.0	4.1
10	15.4	27.5	20.9	81.3	19.72	17.3	0.0	0.0	0.0	3.2
11	16.0	28.0	20.7	79.2	19.10	16.7	0.6	0.1	0.7	3.8
12	16.1	25.0	20.2	85.0	20.00	17.5	0.0	0.0	0.0	1.9
13	14.8	25.8	19.5	86.8	19.65	17.2	8.3	4.0	12.3	2.8
14	15.4	26.5	19.9	79.9	18.51	16.3	15.9	0.0	15.9	6.1
15	15.6	27.2	19.8	82.6	18.98	16.6	17.0	0.0	17.0	3.8
16	16.0	27.5	21.6	77.1	19.55	17.1	0.0	0.0	0.0	3.6
17	16.8	26.8	21.6	77.9	19.57	17.0	0.2	3.2	3.4	2.1
18	16.3	21.9	17.8	97.0	19.93	17.4	6.0	0.0	6.0	0.2
19	15.0	26.4	19.8	84.3	19.30	16.9	1.8	1.1	2.9	1.4
20	15.8	24.0	20.3	92.7	22.16	19.1	5.5	4.4	9.9	1.2
21	15.2	25.2	20.0	83.9	19.29	16.9	4.5	0.0	4.6	2.7
22	13.8	26.0	20.0	84.2	19.29	16.9	0.0	0.0	0.0	2.0
23	15.8	23.8	18.7	86.8	18.84	16.6	2.5	0.0	2.5	0.5
24	16.0	24.0	19.2	85.1	18.88	16.6	0.7	0.0	0.7	0.0
25	15.2	23.2	19.1	89.0	19.71	17.3	4.3	0.7	5.0	0.1
26	15.6	22.2	18.9	96.8	21.24	18.4	2.2	0.0	2.2	0.4
27	15.3	27.8	20.8	80.7	19.55	17.1	0.0	0.0	0.0	5.9
28	16.0	27.0	21.7	81.0	20.59	17.9	0.0	3.3	3.3	3.5
29	15.8	23.6	19.1	88.4	19.87	17.4	0.7	0.0	0.7	0.8
30	14.6	26.2	20.2	79.9	18.31	16.0	0.0	0.0	0.0	6.2
PROM	15.5	26.1	20.2	83.5	19.56	17.1	104.9	17.0	121.9	95.6

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.988

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

M E S – JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	27.4	21.2	76.1	18.80	16.4	0.0	0.3	0.3	4.7
2	16.0	22.4	18.0	92.0	19.71	17.2	6.6	0.0	6.6	0.7
3	14.8	22.1	17.2	97.0	19.37	17.0	5.1	0.0	5.1	0.6
4	14.7	24.0	18.4	84.3	18.12	15.9	0.0	0.0	0.0	0.5
5	14.4	23.2	18.7	87.4	19.40	17.0	3.0	0.0	3.0	0.0
6	15.2	23.3	18.2	95.4	19.87	17.4	3.0	0.0	3.0	1.6
7	14.8	27.6	20.0	77.4	17.80	15.6	0.1	2.5	2.6	5.7
8	15.0	24.9	18.7	95.4	20.61	18.0	9.8	0.0	9.8	1.5
9	14.7	26.4	21.0	81.9	20.16	17.6	0.0	23.3	23.3	6.1
10	15.0	26.8	19.2	87.5	19.73	17.3	0.1	0.2	0.3	3.1
11	14.8	25.4	19.7	84.4	19.28	16.9	0.0	0.0	0.0	2.7
12	16.0	25.2	17.3	96.7	19.76	17.3	4.3	0.0	4.3	0.9
13	14.0	24.8	19.1	88.3	19.56	17.1	0.2	0.0	0.2	3.1
14	15.0	27.4	19.6	81.3	18.30	16.1	0.0	0.0	0.0	8.0
15	14.4	26.9	19.9	79.0	18.36	16.1	0.0	0.0	0.0	8.1
16	14.8	26.5	20.4	79.5	18.82	16.5	0.0	0.0	0.0	1.9
17	15.8	26.8	19.9	77.3	17.56	15.4	0.0	0.0	0.0	3.3
18	14.0	28.0	21.0	73.2	17.56	15.3	0.0	0.0	0.0	5.9
19	15.8	25.0	19.3	95.6	22.11	19.0	3.5	0.6	4.1	2.8
20	15.4	27.0	20.5	79.4	18.70	16.4	0.0	0.0	0.0	4.4
21	15.8	25.4	21.2	80.1	19.89	17.4	0.0	0.0	0.0	2.6
22	15.0	26.8	21.1	81.8	20.19	17.6	0.0	0.0	0.0	2.4
23	16.4	24.7	18.7	93.2	20.84	18.1	1.9	0.0	1.9	1.5
24	15.6	22.4	18.2	87.3	18.42	16.2	0.7	0.0	0.7	0.0
25	14.6	28.2	20.9	79.0	18.79	16.4	0.0	0.0	0.0	6.3
26	16.0	26.8	20.0	81.5	18.93	16.6	0.0	0.0	0.0	2.6
27	16.1	23.6	19.7	87.8	20.51	17.9	7.4	0.0	7.4	0.8
28	14.0	27.5	20.4	77.5	17.70	15.5	0.0	0.0	0.0	5.4
29	14.8	29.8	21.8	74.4	18.46	16.0	0.0	0.0	0.0	8.3
30	16.4	26.4	19.5	82.9	19.01	16.7	24.6	0.5	25.1	1.2
31	14.6	26.8	20.1	80.6	18.42	16.1	0.1	0.0	0.1	4.5
PROM.	15.1	25.8	19.6	84.4	19.18	16.8	70.4	27.4	97.8	101.2

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	14.8	27.0	20.4	84.0	20.08	17.6	0.1	0.0	0.1	3.5
2	15.8	26.5	21.1	82.0	20.10	17.6	0.0	1.3	1.3	4.7
3	16.0	25.2	21.0	82.0	20.01	17.5	0.0	17.6	17.6	0.7
4	15.0	26.0	19.2	89.5	20.29	17.7	9.4	0.3	9.7	4.1
5	15.6	23.2	19.2	96.8	21.29	18.5	6.4	0.0	6.4	1.6
6	15.0	24.5	19.6	89.5	20.62	18.0	0.0	0.0	0.0	2.3
7	14.8	27.0	20.8	80.8	19.35	16.9	0.1	0.0	0.1	6.5
8	17.4	27.3	20.8	81.7	20.02	17.5	1.0	0.0	1.0	2.8
9	17.0	26.4	20.4	84.2	20.26	17.7	5.7	4.1	9.8	1.2
10	16.7	25.6	20.1	85.0	20.06	17.6	5.3	4.6	9.9	2.0
11	16.8	25.4	20.1	83.0	19.40	17.0	0.0	0.0	0.0	0.6
12	15.4	24.0	18.8	94.3	21.00	18.2	8.0	0.0	8.0	1.1
13	14.7	24.8	17.8	97.5	20.36	17.7	4.1	0.0	4.1	2.9
14	14.8	27.2	20.6	80.4	18.98	16.6	0.0	0.0	0.0	4.5
15	14.8	25.6	19.3	82.9	18.59	16.3	7.1	0.0	7.1	3.2
16	15.6	26.0	19.3	92.1	20.77	18.1	39.5	0.4	39.9	5.6
17	15.8	26.2	19.9	84.6	19.62	17.2	2.8	0.2	3.0	4.0
18	17.0	26.0	20.0	82.3	18.98	16.6	0.0	2.2	2.2	3.5
19	16.7	26.6	20.6	80.8	19.23	16.7	6.0	3.8	9.8	2.7
20	16.4	25.3	19.5	90.2	20.64	18.0	3.7	0.6	4.3	3.7
21	16.6	22.8	18.4	89.6	19.27	16.9	5.1	0.0	5.1	1.9
22	16.8	24.4	18.9	85.4	18.92	16.6	4.0	0.1	4.1	2.3
23	15.4	25.9	19.4	92.8	20.82	18.1	4.1	1.2	5.3	5.0
24	17.0	25.6	21.2	83.8	20.73	18.0	0.0	6.6	6.6	2.6
25	16.0	25.6	20.2	84.3	19.89	17.4	1.1	0.1	1.2	1.1
26	16.4	24.0	19.8	91.6	21.32	18.5	13.2	10.9	24.1	1.0
27	15.2	23.4	16.8	97.5	18.99	16.7	22.0	0.0	22.0	1.3
28	14.0	25.4	19.1	80.6	17.17	15.0	0.8	0.0	0.8	5.2
29	15.0	25.4	19.6	83.5	19.02	16.7	6.7	0.5	7.2	5.2
30	15.4	24.6	19.5	95.3	21.94	18.9	2.2	7.6	9.8	1.2
31	15.8	23.4	18.6	91.9	20.10	17.6	19.2	4.1	23.3	0.3
PROM	15.8	25.4	19.7	87.1	19.93	17.4	177.6	66.2	243.8	88.3

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.988

ALTITUD: 1.235 LATITUD: 7-35 N. LONGITUD: 72-36 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	14.8	23.7	19.0	95.2	21.12	18.3	0.7	0.0	0.7	1.5
2	15.6	26.2	20.2	83.6	19.42	17.0	1.2	8.4	9.6	7.3
3	15.8	27.0	19.9	84.6	19.47	17.1	2.8	0.0	2.8	2.5
4	16.0	26.8	20.7	83.4	20.00	17.8	1.4	4.7	6.1	3.9
5	16.4	26.9	20.1	94.7	22.23	19.2	1.8	7.8	9.6	3.9
6	15.7	26.6	20.8	82.9	20.01	17.5	0.0	48.0	48.0	6.3
7	16.2	24.4	19.5	86.8	19.80	17.3	7.9	0.0	7.9	3.1
8	15.8	25.4	19.9	86.7	20.26	17.7	6.4	3.0	9.4	3.4
9	16.0	25.1	20.4	85.7	20.40	17.8	0.0	9.8	9.8	6.0
10	16.6	26.0	19.6	83.6	19.13	16.8	10.1	0.0	10.1	0.5
11	15.6	24.4	19.6	88.8	20.57	17.9	1.1	0.0	1.1	0.1
12	16.8	25.2	19.5	86.0	19.94	17.4	2.0	1.7	3.7	1.0
13	15.8	26.2	19.6	85.5	19.54	17.1	0.9	0.2	1.1	3.0
14	15.4	24.8	19.7	87.1	19.98	17.5	0.0	0.0	0.0	3.5
15	14.8	26.3	18.9	84.0	18.54	16.3	3.6	0.0	3.6	3.0
16	14.7	26.2	20.2	83.0	19.36	16.9	0.0	0.3	0.3	6.5
17	15.9	26.9	21.1	82.7	20.51	17.9	0.0	0.0	0.0	2.6
18	16.0	26.5	20.3	84.7	19.96	17.4	0.9	3.3	4.2	3.9
19	17.0	25.2	20.4	85.9	20.48	17.9	0.0	0.0	0.0	0.6
20	16.0	25.4	19.5	90.6	20.68	18.0	4.5	2.0	6.5	3.4
21	16.2	28.2	21.4	83.1	21.23	18.4	0.0	0.0	0.0	7.0
22	16.4	26.2	20.4	88.5	21.28	18.4	4.4	3.6	8.0	3.9
23	17.0	25.5	20.9	89.0	22.51	19.4	35.1	0.7	35.8	3.3
24	14.9	27.2	21.2	83.7	20.66	18.0	0.0	0.0	0.0	6.4
25	16.8	27.8	21.6	83.1	21.18	18.4	0.9	0.0	0.9	6.5
26	16.2	26.4	20.7	83.9	20.26	17.7	3.8	0.0	3.8	4.5
27	16.4	27.4	22.3	78.6	20.60	17.9	0.0	8.2	8.2	4.1
28	16.8	27.6	21.2	84.2	21.05	18.3	0.0	0.0	0.0	4.5
29	16.5	25.6	21.1	89.1	22.35	19.2	0.5	1.7	2.2	3.2
30	17.5	24.6	20.0	86.2	20.20	17.6	31.3	15.9	47.2	0.0
PROM.	16.1	26.1	20.3	85.8	20.42	17.8	121.3	119.3	240.6	109.4

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	17.0	25.0	20.2	85.9	20.31	17.7	0.0	0.0	0.0	3.8
2	16.0	25.2	20.4	86.0	20.37	17.7	0.0	0.0	0.0	2.8
3	16.8	26.4	21.1	82.6	20.50	17.8	3.1	0.4	3.5	1.7
4	16.0	25.8	21.0	83.4	20.82	18.1	0.0	1.9	1.9	3.6
5	16.2	29.0	22.2	78.8	20.52	17.9	0.0	0.0	0.0	7.3
6	16.8	28.8	21.3	82.4	20.99	18.2	13.1	0.0	13.1	6.4
7	17.0	25.6	21.3	82.0	20.88	18.2	0.0	1.9	1.9	1.1
8	17.5	24.8	19.7	88.6	20.96	18.3	5.3	0.1	5.4	0.7
9	15.0	26.8	19.2	81.0	18.11	15.9	0.0	0.0	0.0	2.8
10	15.2	28.8	21.9	78.3	19.98	17.4	0.0	0.0	0.0	7.2
11	16.0	28.2	22.2	81.3	21.30	18.5	0.0	0.0	0.0	5.1
12	17.0	25.4	21.1	84.9	20.98	18.2	1.0	8.2	9.2	1.4
13	17.5	26.8	20.8	88.4	22.05	19.0	1.4	60.5	61.9	4.3
14	17.0	26.4	21.0	83.3	20.55	17.9	0.0	31.1	31.1	4.4
15	17.2	24.2	20.5	88.5	21.30	18.5	0.0	3.7	3.7	2.0
16	17.0	24.6	20.7	88.6	21.73	18.8	2.7	11.4	14.1	2.1
17	16.4	26.6	20.7	85.5	20.84	18.1	13.2	5.4	18.6	4.0
18	17.0	25.5	21.0	87.0	21.69	18.8	0.0	34.3	34.3	0.9
19	18.2	26.4	20.9	84.9	21.16	18.4	3.3	0.2	3.5	1.8
20	16.5	26.8	20.6	88.8	21.54	18.7	7.7	27.5	35.2	3.3
21	18.0	26.0	20.4	93.5	22.71	19.5	3.6	12.6	16.2	2.9
22	18.5	27.0	20.9	81.2	20.03	17.5	6.8	0.0	6.8	3.4
23	15.5	27.8	20.9	81.5	19.79	17.3	0.0	0.0	0.0	7.7
24	16.0	26.0	20.1	84.7	20.25	17.7	14.9	0.0	14.9	3.3
25	16.8	26.2	20.9	85.4	21.18	18.4	1.2	6.4	7.6	4.8
26	17.5	26.4	21.4	85.6	21.81	18.9	0.3	30.0	30.3	3.8
27	16.5	27.0	21.5	83.4	21.30	18.5	0.0	0.0	0.0	5.5
28	17.2	25.0	20.8	93.0	23.22	19.9	7.9	2.9	10.8	3.6
29	18.0	26.0	21.5	84.0	21.64	18.8	0.0	0.0	0.0	5.4
30	17.8	25.0	20.8	87.5	21.60	18.8	0.0	7.3	7.3	2.4
31	16.0	26.0	21.2	87.2	21.68	18.7	0.0	2.0	2.0	3.6
PROM	16.8	26.3	20.9	85.1	21.03	18.3	85.5	247.8	333.3	113.1

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.988

ALTITUD: 1.235 LATITUD: 7-35 N. LONGITUD: 72-36 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	16.8	27.4	20.6	80.1	19.74	17.3	0.0	0.0	0.0	1.9
2	17.0	27.8	20.7	81.5	19.95	17.5	0.2	6.2	6.4	4.2
3	16.4	25.6	20.7	86.6	21.17	18.4	0.0	0.0	0.0	1.9
4	16.0	26.0	21.0	83.4	20.87	18.2	0.0	0.0	0.0	6.1
5	15.8	27.1	21.0	82.0	20.24	17.6	0.0	0.0	0.0	6.8
6	17.8	23.0	20.4	84.2	20.18	17.6	1.1	20.5	21.6	3.9
7	18.2	24.2	20.4	89.8	21.95	19.0	31.7	8.3	40.0	1.7
8	17.8	24.8	20.7	94.0	23.18	19.6	2.2	0.7	2.9	3.5
9	18.0	25.2	20.2	88.2	21.05	18.3	4.0	0.0	4.0	1.3
10	17.6	25.6	21.0	82.5	20.48	17.9	0.0	0.0	0.0	3.9
11	17.8	25.2	20.3	84.9	20.53	17.9	1.6	0.0	1.6	2.7
12	16.8	24.4	20.6	88.6	21.63	18.7	3.7	0.0	3.7	1.9
13	16.9	24.5	20.9	86.7	21.32	18.5	0.3	1.0	1.3	0.0
14	17.0	26.4	21.2	84.4	21.31	18.5	7.9	46.1	54.0	2.3
15	17.6	24.8	20.3	90.3	21.48	18.6	0.1	4.3	4.4	0.9
16	17.8	25.4	21.0	87.6	21.96	19.0	4.0	7.3	11.3	1.7
17	17.7	24.4	20.5	88.5	21.75	18.8	25.4	0.0	25.4	0.8
18	16.8	24.0	20.3	92.1	21.76	18.8	0.4	104.2	104.6	1.9
19	17.2	26.5	20.7	87.0	21.49	18.7	11.2	62.9	74.1	7.1
20	17.0	22.5	19.2	93.5	21.00	18.3	0.9	6.8	7.7	0.8
21	18.0	22.4	19.5	94.7	21.48	18.6	4.1	1.5	5.6	0.9
22	16.0	25.0	20.1	86.0	20.11	17.6	0.0	0.0	0.0	2.7
23	15.8	25.4	20.1	85.9	19.97	17.4	0.0	0.0	0.0	4.2
24	16.8	26.8	20.7	83.2	20.09	17.5	0.0	0.6	0.6	5.2
25	17.0	25.5	20.3	87.6	20.87	18.1	0.0	0.0	0.0	2.6
26	17.2	24.2	20.3	91.0	21.77	18.9	0.4	0.0	0.4	0.9
27	17.8	26.0	21.4	85.4	21.72	18.8	3.8	0.0	3.8	3.1
28	15.4	26.5	21.1	85.0	21.12	18.3	0.2	0.0	0.2	6.6
29	17.4	25.4	21.1	85.4	21.43	18.6	0.0	0.6	0.6	2.1
30	16.0	24.6	20.0	90.6	21.03	18.3	0.0	0.0	0.0	3.5
PROM.	17.0	25.2	20.5	87.0	21.09	18.3	103.2	271.0	374.2	87.1

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	14.5	23.5	19.4	89.7	19.98	17.3	0.0	0.0	0.0	5.0
2	15.0	25.4	19.5	87.1	20.04	17.5	2.5	0.0	2.5	6.7
3	15.5	24.2	19.2	89.0	19.82	17.3	0.6	5.1	5.7	4.9
4	14.9	21.8	17.3	94.5	19.16	16.8	6.8	1.1	7.9	0.4
5	13.0	22.0	18.5	87.0	18.21	15.9	0.0	6.1	6.1	1.1
6	16.5	23.8	19.2	89.8	20.07	17.5	0.0	0.0	0.0	2.5
7	16.0	22.2	18.8	92.4	20.17	17.6	2.3	0.6	2.9	1.1
8	17.0	21.5	18.8	91.2	19.96	17.5	6.0	5.7	11.7	0.1
9	17.8	20.4	18.1	91.0	19.19	16.8	5.6	0.4	6.0	
10	15.5	25.2	19.3	88.6	19.74	17.2	0.0	0.0	0.0	3.0
11	13.8	26.4	19.2	87.2	19.39	16.9	14.0	0.0	14.0	6.5
12	14.5	25.0	19.6	86.5	19.44	17.0	0.0	1.8	1.8	6.5
13	17.6	23.5	20.0	93.4	22.12	19.1	1.9	0.0	1.9	0.8
14	16.0	23.0	19.4	91.5	20.78	18.1	0.8	0.0	0.8	0.8
15	15.5	24.8	17.8	90.2	18.70	16.4	2.0	0.0	2.0	3.4
16	11.6	25.8	18.9	79.8	17.04	14.7	0.0	0.0	0.0	8.3
17	14.5	25.4	18.7	85.6	18.39	16.1	0.0	0.0	0.0	6.9
18	14.6	25.0	18.1	85.5	17.80	15.7	0.0	0.0	0.0	4.8
19	14.0	22.2	17.7	89.1	18.31	16.1	0.0	0.0	0.0	2.3
20	12.4	26.1	19.0	80.6	17.22	15.0	0.0	0.0	0.0	8.3
21	13.5	26.0	19.5	81.2	17.89	15.7	0.0	0.0	0.0	
22	16.8	23.6	19.0	88.1	19.43	17.0	1.1	20.8	21.9	1.6
23	16.9	22.4	18.7	93.2	20.20	17.7	32.5	13.6	46.1	0.5
24	16.5	21.4	18.6	84.8	18.05	15.8	0.0	0.0	0.0	4.5
25	15.2	25.0	19.1	88.4	19.60	17.2	9.7	0.0	9.7	
26	16.4	25.9	19.9	84.8	19.74	17.3	2.9	0.0	2.9	
27	15.4	24.5	19.0	92.8	20.29	17.7	0.0	0.0	0.0	3.9
28	16.0	23.6	18.7	88.4	19.32	17.0	8.4	0.0	8.4	1.6
29	15.4	23.6	18.8	87.0	18.85	16.6	0.0	0.0	0.0	
30	17.5	20.4	17.6	96.6	19.53	17.1	5.2	0.0	5.2	0.0
31	16.0	20.0	17.6	95.2	19.16	16.8	5.0	1.0	6.0	0.1
PROM	15.3	23.7	18.8	88.7	19.28	16.9	107.3	56.2	163.5	

ESTACION: BLONAY MUNICIPIO: CHINACOTA AÑO: 1.988

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	14.4	25.5	19.6	11.8	28.0	80.6	17.69	15.4	13.3	6	
FEBRERO	15.3	24.4	19.6	13.5	26.5	84.6	18.79	16.4	39.3	16	
MARZO	15.0	25.8	20.1	12.4	30.4	80.5	18.42	16.1	24.3	3	
ABRIL	16.3	25.6	20.6	14.8	28.8	83.4	19.98	17.4	74.5	14	
MAYO	16.4	28.0	21.7	14.8	30.0	77.6	19.86	17.3	74.1	11	
JUNIO	15.5	26.1	20.2	13.8	30.0	83.5	19.56	17.1	121.9	17	95.6
JULIO	15.1	25.8	19.6	14.0	29.8	84.4	19.18	16.8	97.8	17	101.2
AGOSTO	15.8	25.4	19.7	14.0	27.3	87.1	19.93	17.4	243.8	28	88.3
SEPTIEMBRE	16.1	26.1	20.3	14.7	28.2	85.8	20.42	17.8	240.6	24	109.4
OCTUBRE	16.8	26.3	20.9	15.0	29.0	85.1	21.03	18.3	333.3	22	113.1
NOVIEMBRE	17.0	25.2	20.5	15.4	27.8	87.0	21.09	18.3	374.2	21	87.1
DICIEMBRE	15.3	23.7	18.8	11.6	26.4	88.7	19.28	16.9	163.5	19	
PROMEDIO	15.8	25.7	20.1	13.8	28.7	84.0	19.60	17.1			
TOTAL									1800.6	198	

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.988

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	19.5	27.0	22.2	82.4	21.96	19.0	0.0	0.0	0.0	2.8
2	17.6	28.5	23.2	74.4	20.44	17.6	0.0	0.0	0.0	6.0
3	17.0	29.0	22.8	71.6	19.03	16.5	0.0	17.1	17.1	7.4
4	18.0	26.5	21.9	81.4	20.97	18.2	0.0	0.0	0.0	0.0
5	19.8	27.5	22.5	75.7	20.62	17.9	0.0	0.0	0.0	2.6
6	18.8	28.5	23.1	76.6	20.78	17.9	0.0	0.0	0.0	1.9
7	19.0	28.7	23.6	73.5	20.83	18.0	0.0	0.0	0.0	4.5
8	18.0	27.4	22.6	79.2	21.19	18.3	0.0	0.0	0.0	6.5
9	18.4	29.0	22.6	70.1	18.88	16.6	0.0	0.0	0.0	7.5
10	16.0	29.5	23.0	69.1	18.25	15.6	0.0	0.0	0.0	7.9
11	18.2	29.9	23.9	67.6	19.00	16.4	0.0	0.0	0.0	0.9
12	18.4	28.5	23.0	75.8	20.40	17.6	0.0	0.0	0.0	6.3
13	17.0	27.8	22.1	72.5	18.76	16.3	0.0	0.0	0.0	6.4
14	19.6	26.2	22.4	79.6	21.24	18.3	0.2	0.1	0.3	1.0
15	19.5	28.0	23.6	73.9	20.89	18.1	0.0	0.0	0.0	3.4
16	19.8	27.0	22.5	79.3	21.48	18.6	0.0	0.0	0.0	2.1
17	19.6	25.5	21.4	84.2	21.28	18.4	0.0	0.0	0.0	1.0
18	19.7	25.0	21.0	85.2	21.37	18.6	0.0	0.0	0.0	1.4
19	18.0	25.2	21.4	84.1	21.13	18.3	0.2	0.0	0.2	1.7
20	19.0	26.8	22.4	79.2	21.04	18.3	0.0	0.0	0.0	2.1
21	19.7	25.7	22.2	80.6	21.43	18.6	0.0	0.0	0.0	1.9
22	18.0	27.4	22.6	74.8	19.89	17.4	0.0	0.3	0.3	4.5
23	18.8	25.6	21.6	83.3	21.18	18.3	0.2	0.0	0.2	2.4
24	18.0	29.5	23.6	69.1	18.85	16.4	0.0	0.0	0.0	5.3
25	18.4	28.0	23.4	65.9	18.34	15.9	0.0	0.9	0.9	3.0
26	19.0	26.7	22.1	77.8	20.29	17.6	0.0	10.5	10.5	1.8
27	17.8	28.6	22.2	77.3	19.83	17.2	25.8	57.7	83.5	4.9
28	18.4	24.6	20.6	91.2	22.07	19.1	0.0	3.5	3.5	0.6
29	19.0	24.4	21.7	84.5	21.74	18.8	0.0	0.0	0.0	
30	18.6	25.0	21.8	82.5	21.27	18.5	0.0	0.0	0.0	0.7
31	19.0	27.8	22.3	76.0	20.15	17.5	0.0	0.0	0.0	4.2
PROM.	18.6	27.3	22.4	77.4	20.47	17.7	26.4	90.1	116.5	

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	18.0	29.4	23.2	74.7	20.64	17.9	0.0	0.0	0.0	6.7
2	18.1	28.0	23.3	76.0	21.01	18.1	0.0	0.0	0.0	4.0
3	18.4	27.0	22.5	80.7	21.45	18.5	0.7	10.5	11.2	3.4
4	19.8	25.0	22.0	85.2	22.35	19.2	1.8	0.7	2.5	1.0
5	19.4	23.4	21.2	91.4	22.98	19.7	0.8	0.0	0.8	0.0
6	19.0	27.5	22.7	79.4	21.54	18.6	0.0	27.8	27.8	1.7
7	18.8	25.5	22.2	82.7	21.73	18.8	0.0	0.0	0.0	1.2
8	19.4	25.3	21.6	86.4	22.28	19.2	0.5	0.0	0.5	0.3
9	18.8	27.3	22.7	78.0	21.14	18.3	0.0	0.0	0.0	0.6
10	19.4	28.6	23.0	79.0	21.72	18.7	0.5	1.0	1.5	4.0
11	18.4	24.7	21.4	87.4	22.06	19.0	0.0	0.0	0.0	0.4
12	19.6	26.4	22.1	84.8	22.35	19.2	2.1	3.6	5.7	1.9
13	19.8	24.6	21.8	87.6	22.78	19.6	1.6	0.0	1.6	0.0
14	19.7	24.3	22.1	89.6	23.73	20.2	0.0	22.8	22.8	1.3
15	19.8	26.4	22.9	81.2	22.12	19.0	0.8	2.0	2.8	0.8
16	18.2	28.6	23.3	76.7	21.25	18.4	0.0	0.0	0.0	4.0
17	18.4	28.2	23.0	74.5	20.27	17.7	0.0	0.0	0.0	4.7
18	18.0	28.4	23.4	71.5	19.52	16.9	0.0	0.0	0.0	4.6
19	17.9	29.5	23.8	71.2	19.89	17.2	0.0	0.0	0.0	6.4
20	17.6	28.0	22.7	71.6	18.94	16.5	0.0	0.0	0.0	5.1
21	19.8	29.0	24.6	72.1	21.32	18.3	0.0	0.0	0.0	5.1
22	20.0	28.5	23.5	73.8	21.18	18.4	0.0	0.0	0.0	1.4
23	19.6	26.0	21.8	79.3	20.83	18.1	1.7	1.7	3.4	1.1
24	19.7	24.8	21.0	85.0	21.22	18.5	6.7	4.2	10.9	0.0
25	19.2	25.0	21.0	83.3	20.90	18.2	4.3	0.7	5.0	1.3
26	18.0	23.0	20.4	80.3	19.30	16.9	0.5	0.2	0.7	0.0
27	18.8	24.0	20.4	82.3	19.87	17.4	0.0	0.4	0.4	1.2
28	18.4	25.0	21.2	80.7	19.97	17.4	0.0	0.0	0.0	0.6
29	17.4	24.5	19.4	85.9	19.50	17.1	0.0	0.0	0.0	1.5
PROM	18.9	26.4	22.2	80.4	21.17	18.3	22.0	75.6	97.6	64.3

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.988

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

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	25.4	20.6	79.1	19.10	16.8	0.5	12.5	13.0	3.0
2	18.2	21.6	19.3	86.4	19.59	17.2	2.0	0.3	2.3	0.0
3	17.6	24.0	21.1	80.7	19.95	17.4	0.0	0.0	0.0	0.1
4	16.8	28.3	22.3	76.0	19.71	17.0	0.0	0.0	0.0	4.3
5	15.6	27.0	21.6	82.2	20.55	17.8	0.0	0.0	0.0	2.2
6	17.0	27.5	21.7	84.0	21.56	18.7	0.0	0.0	0.0	0.6
7	15.8	29.2	23.0	78.5	20.91	18.0	0.0	0.0	0.0	6.8
8	17.8	26.4	21.8	83.3	21.63	18.7	0.0	0.0	0.0	3.6
9	18.2	26.0	21.4	86.7	22.33	19.2	0.2	0.0	0.2	4.4
10	17.8	26.8	21.8	81.8	21.19	18.4	0.0	4.8	4.8	4.3
11	18.8	26.0	21.5	86.8	22.06	19.0	2.6	0.0	2.6	1.5
12	17.5	25.2	21.6	86.8	22.12	19.1	0.0	0.0	0.0	1.4
13	18.4	26.5	22.2	86.7	22.99	19.7	0.0	0.0	0.0	2.7
14	18.2	28.0	23.1	83.0	23.24	19.9	0.0	0.0	0.0	2.4
15	19.0	27.0	22.9	85.5	23.60	20.1	0.3	0.0	0.3	2.0
16	19.6	23.5	20.8	92.1	22.82	19.6	0.1	0.0	0.1	0.0
17	17.0	25.5	21.7	90.2	23.13	19.8	0.0	0.0	0.0	0.9
18	18.0	29.0	23.0	77.2	21.26	18.4	0.0	0.0	0.0	6.4
19	17.6	28.8	23.1	76.8	20.88	18.0	0.0	0.0	0.0	8.5
20	17.4	30.0	22.9	77.6	20.87	18.1	0.0	0.0	0.0	6.9
21	19.2	31.5	24.5	69.8	21.29	18.5	0.0	0.0	0.0	7.5
22	17.0	30.5	23.5	76.1	21.58	18.6	0.0	0.0	0.0	7.3
23	16.8	30.0	22.3	78.4	20.74	18.0	0.0	0.0	0.0	7.5
24	16.0	29.5	22.1	76.8	19.55	17.1	0.0	0.0	0.0	6.4
25	16.7	28.0	22.1	79.2	20.37	17.7	0.0	0.0	0.0	4.8
26	19.2	29.0	24.0	77.6	22.50	19.3	0.0	0.0	0.0	2.7
27	17.5	29.4	23.5	77.8	21.63	18.6	0.0	0.0	0.0	5.2
28	17.4	28.4	23.1	83.3	23.17	19.8	0.0	0.0	0.0	2.4
29	17.8	28.6	23.4	77.3	22.00	19.0	0.0	11.0	11.0	
30	19.2	28.0	22.8	83.5	22.89	19.6	0.0	28.3	28.3	1.2
31	19.7	25.3	21.7	92.4	23.99	20.4	13.0	7.2	20.2	0.6
PROM.	17.7	27.4	22.3	81.7	21.59	18.6	18.7	64.1	82.8	

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.4	25.0	21.7	91.0	23.81	20.3	2.7	16.7	19.4	1.6
2	18.7	24.9	21.5	88.1	22.57	19.4	0.0	0.0	0.0	0.2
3	19.0	25.8	21.9	88.9	23.51	20.1	0.3	0.0	0.3	0.7
4	19.4	26.4	22.5	86.8	23.68	20.2	0.0	0.0	0.0	0.7
5	18.8	28.0	22.6	81.5	22.30	19.2	0.0	0.0	0.0	2.5
6	18.7	26.0	22.0	88.3	23.39	20.0	0.0	0.0	0.0	0.5
7	19.0	28.0	23.3	84.9	24.02	20.4	2.2	1.2	3.4	0.2
8	19.4	26.5	22.1	87.8	23.65	20.2	0.0	16.9	16.9	0.4
9	19.6	23.6	21.0	93.6	23.52	20.1	13.3	0.0	13.3	0.0
10	18.2	26.5	21.2	88.5	22.93	19.7	8.3	0.1	8.4	0.8
11	18.4	28.8	23.3	83.4	23.58	20.1	0.9	16.8	17.7	3.0
12	19.0	27.0	21.7	87.8	23.14	19.8	31.8	14.5	46.3	3.0
13	18.4	25.8	21.6	89.2	23.37	20.0	0.0	0.0	0.0	0.3
14	17.9	27.8	23.2	86.4	24.31	20.6	0.0	0.0	0.0	6.0
15	18.4	26.4	22.2	92.1	24.55	20.8	0.0	0.0	0.0	0.4
16	18.2	27.6	22.9	83.6	23.28	19.9	0.0	0.0	0.0	6.2
17	18.4	27.4	22.4	85.9	23.32	19.9	0.0	0.0	0.0	4.8
18	17.8	28.5	23.0	81.3	22.75	19.5	0.0	0.0	0.0	2.9
19	19.0	26.8	24.1	81.0	24.15	20.5	0.0	0.0	0.0	5.1
20	19.2	30.5	24.2	75.2	22.37	19.3	0.0	0.0	0.0	6.8
21	19.4	29.0	24.0	82.9	24.35	20.6	0.3	20.1	20.4	2.7
22	19.4	27.5	22.2	87.0	23.37	20.0	17.7	0.0	17.7	2.8
23	19.0	26.5	22.3	89.8	24.32	20.6	0.7	0.0	0.7	1.8
24	18.7	26.0	20.9	88.7	22.35	19.3	0.0	0.0	0.0	0.7
25	17.8	28.4	22.5	82.4	21.99	19.0	0.0	0.0	0.0	3.8
26	18.4	29.7	23.6	77.3	22.16	19.1	0.2	0.0	0.2	6.0
27	19.6	30.0	24.6	77.1	23.66	20.2	0.0	0.0	0.0	2.8
28	19.4	29.0	23.6	84.2	24.23	20.5	0.0	0.0	0.0	2.2
29	19.0	28.0	22.4	88.2	24.24	20.6	2.1	0.4	2.5	4.3
30	19.6	25.6	22.0	89.1	23.66	20.2	0.1	0.1	0.2	0.6
PROM	18.8	27.3	22.6	85.7	23.42	20.0	80.6	86.8	107.4	73.8

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.968

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

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.8	28.6	21.8	81.7	21.42	18.6	0.0	7.3	7.3	2.9
2	18.7	30.0	22.7	83.5	22.92	19.7	18.8	28.6	47.4	1.4
3	18.0	28.3	23.4	84.4	23.99	20.4	0.3	12.3	12.6	5.4
4	19.0	28.0	23.3	84.3	23.91	20.3	1.1	0.0	1.1	0.0
5	18.4	29.3	24.0	82.1	24.19	20.5	2.7	0.0	2.7	5.0
6	19.8	28.0	22.6	88.1	24.55	20.8	0.6	0.9	1.5	3.1
7	19.0	27.0	22.2	92.2	24.71	20.9	2.5	0.0	2.5	2.3
8	19.2	27.4	22.6	84.9	23.32	19.9	0.0	0.0	0.0	5.0
9	18.0	29.3	23.9	82.0	24.05	20.4	0.0	0.0	0.0	4.1
10	20.0	28.5	23.7	84.2	24.42	20.7	0.0	0.8	0.8	1.1
11	20.2	31.4	23.6	74.6	21.40	18.5	0.0	0.0	0.0	6.6
12	19.2	30.2	24.8	75.8	23.21	19.8	0.0	0.0	0.0	5.9
13	19.0	28.5	22.8	85.0	23.52	20.1	0.0	0.0	0.0	3.4
14	18.8	27.0	23.0	85.3	23.89	20.3	0.0	0.0	0.0	0.0
15	19.2	26.7	21.8	89.7	23.48	20.1	35.9	0.0	35.9	0.5
16	18.0	28.5	23.0	82.7	23.18	19.8	0.0	0.0	0.0	4.6
17	17.8	30.2	23.8	77.0	22.09	19.0	0.0	0.0	0.0	8.9
18	18.8	29.0	24.0	82.6	24.35	20.6	0.0	0.0	0.0	1.8
19	19.2	29.5	23.7	82.7	24.14	20.5	4.1	0.5	4.6	5.8
20	19.0	28.7	23.8	84.4	24.52	20.7	0.0	3.7	3.7	3.0
21	19.4	29.1	24.1	85.5	25.15	21.1	0.0	0.0	0.0	5.3
22	19.0	29.3	24.5	81.8	24.68	20.8	0.0	0.0	0.0	3.4
23	19.5	26.5	22.5	80.3	21.70	18.7	0.0	0.0	0.0	0.6
24	18.4	29.5	23.7	79.7	23.15	19.8	0.0	0.0	0.0	6.5
25	18.9	29.4	22.4	83.1	22.78	19.6	0.9	0.0	0.9	4.7
26	19.0	31.2	24.5	76.8	22.88	19.5	0.0	1.7	1.7	8.5
27	18.5	29.8	23.8	75.8	21.78	18.8	0.0	0.0	0.0	5.3
28	18.6	31.0	23.6	79.9	22.92	19.6	0.0	2.1	2.1	7.4
29	18.7	29.6	23.8	82.6	23.89	20.3	0.0	8.8	8.8	6.2
30	18.8	29.4	23.7	82.5	23.93	20.3	0.5	6.7	7.2	4.2
31	19.7	30.4	24.9	76.0	23.28	19.9	0.0	16.0	16.0	3.9
PROM.	18.9	29.0	23.4	82.3	23.46	20.0	67.4	89.4	156.8	126.8

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.7	29.4	24.0	83.0	24.46	20.7	0.0	0.5	0.5	5.5
2	19.0	28.0	22.4	86.0	23.70	20.2	2.7	0.0	2.7	2.9
3	19.3	25.5	21.7	85.5	22.31	19.2	0.1	0.0	0.1	0.2
4	17.8	29.0	23.2	80.8	22.92	19.6	0.0	0.6	0.6	7.0
5	17.9	26.8	22.2	79.7	20.75	18.0	0.0	0.0	0.0	8.3
6	17.6	31.5	24.1	72.9	20.60	17.8	0.0	0.0	0.0	10.2
7	18.4	29.6	24.3	76.7	22.68	19.4	0.0	0.0	0.0	2.6
8	18.0	31.0	23.3	74.5	20.88	18.2	0.0	0.0	0.0	8.5
9	18.4	29.0	23.2	80.7	22.70	19.5	0.0	0.0	0.0	5.0
10	18.6	29.2	23.3	79.4	22.60	19.4	0.0	0.1	0.1	5.7
11	19.4	30.2	24.4	79.1	23.56	20.1	0.0	6.8	6.8	4.9
12	18.7	27.2	21.9	82.5	21.84	18.9	9.0	0.0	9.0	3.2
13	17.4	28.5	22.3	84.5	22.42	19.2	2.1	7.1	9.2	4.8
14	19.0	29.0	23.9	82.8	24.09	20.4	0.0	9.0	9.0	7.3
15	18.6	29.4	23.7	79.8	22.84	19.6	0.0	0.0	0.0	5.0
16	19.3	29.2	23.7	81.5	23.82	20.3	0.0	5.7	5.7	4.0
17	19.7	28.8	23.1	82.9	23.05	19.7	1.4	2.7	4.1	4.4
18	19.6	24.8	19.7	96.3	22.42	19.3	7.6	0.0	7.6	0.1
19	17.8	27.8	22.7	83.9	22.61	19.4	0.0	9.0	9.0	3.2
20	18.6	27.2	22.5	85.9	22.96	19.6	5.0	41.6	46.6	3.0
21	17.8	27.7	21.8	85.1	22.04	19.0	2.8	0.0	2.8	4.8
22	17.0	27.4	22.1	81.6	21.40	18.5	0.0	0.0	0.0	2.6
23	18.8	27.5	21.8	84.4	22.33	19.3	10.8	0.2	11.0	2.1
24	18.4	27.0	22.6	84.8	23.17	19.8	0.0	0.0	0.0	0.8
25	17.8	26.4	21.3	91.2	23.32	19.9	1.4	2.0	3.4	2.7
26	18.3	25.5	22.1	90.9	24.17	20.5	0.7	0.4	1.1	3.4
27	17.8	29.0	22.8	82.6	22.49	19.3	0.0	0.0	0.0	8.2
28	19.4	28.8	23.8	79.5	23.41	20.0	0.0	8.0	8.0	5.4
29	19.0	26.8	21.8	85.4	22.59	19.5	0.0	0.0	0.0	0.7
30	17.5	28.2	22.0	83.1	21.64	18.7	0.0	0.0	0.0	8.0
PROM	18.5	28.2	22.7	82.9	22.66	19.4	43.6	93.7	137.3	132.2

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.988

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	29.2	23.8	78.5	22.42	19.3	0.0	2.3	2.3	6.2
2	18.8	27.0	21.6	85.8	22.59	19.5	7.9	0.0	7.9	
3	18.0	25.3	20.4	94.7	23.00	19.7	9.8	0.0	9.8	1.1
4	18.1	27.4	22.4	78.3	20.87	18.2	0.0	0.0	0.0	2.7
5	18.2	25.3	22.2	88.2	23.58	20.1	0.0	0.0	0.0	
6	18.8	27.0	21.7	90.2	23.72	20.2	4.5	5.9	10.4	4.2
7	18.0	29.5	22.9	83.8	23.00	19.7	0.0	1.8	1.8	4.8
8	18.5	27.3	21.9	86.3	22.79	19.6	0.0	0.4	0.4	3.0
9	18.0	27.8	23.1	83.8	23.42	20.0	0.0	12.4	12.4	6.5
10	17.8	28.5	22.6	82.9	22.35	19.2	0.5	0.2	0.7	7.0
11	18.0	28.6	22.1	84.1	22.18	19.1	7.7	0.0	7.7	6.4
12	18.7	27.0	20.6	86.1	21.51	18.6	7.9	0.0	7.9	2.1
13	16.8	27.5	21.6	83.3	21.13	18.3	0.0	0.0	0.0	4.5
14	17.8	28.6	21.7	82.4	21.20	18.4	0.0	0.0	0.0	10.0
15	17.4	28.5	22.2	84.0	22.17	19.1	0.0	0.0	0.0	8.4
16	17.5	30.0	23.6	78.6	22.28	19.1	0.0	0.4	0.4	7.1
17	17.8	29.0	23.1	79.0	22.00	19.0	0.0	0.0	0.0	7.0
18	17.7	29.0	23.0	79.3	21.79	18.9	0.0	0.0	0.0	6.2
19	18.7	28.5	23.5	81.1	23.12	19.8	0.0	0.2	0.2	4.3
20	18.1	29.5	23.2	80.3	22.19	19.1	0.0	0.0	0.0	5.3
21	18.5	27.2	23.2	82.7	22.96	19.7	0.0	0.0	0.0	2.0
22	18.6	29.0	22.9	84.5	23.55	20.1	2.0	0.0	2.0	6.1
23	19.0	29.5	22.8	82.4	22.67	19.5	0.3	0.0	0.3	3.9
24	19.1	25.2	21.3	85.6	21.77	18.8	0.1	0.0	0.1	0.0
25	17.5	29.4	23.3	81.3	22.54	19.3	0.0	0.0	0.0	6.9
26	19.2	28.7	22.3	85.0	22.92	19.7	0.0	0.0	0.0	3.4
27	19.1	28.5	22.7	83.0	22.72	19.5	0.8	0.0	0.8	4.2
28	17.7	29.5	23.2	76.9	21.35	18.5	0.0	0.0	0.0	7.6
29	17.4	30.6	23.9	79.5	23.03	19.7	0.0	0.0	0.0	8.5
30	19.8	29.4	22.5	83.0	22.81	19.6	1.7	0.0	1.7	2.9
31	17.8	30.0	23.7	79.8	22.72	19.4	0.0	25.6	25.6	5.3
PROM.	18.2	28.3	22.5	83.0	22.46	19.3	43.2	49.2	92.4	

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.4	29.4	22.8	83.0	22.81	19.6	0.0	0.0	0.0	4.4
2	18.3	29.0	23.7	79.7	22.71	19.5	0.0	99.8	99.8	5.2
3	18.6	27.2	22.7	88.8	24.15	20.5	0.0	1.6	1.6	2.7
4	18.4	29.6	22.9	83.5	23.03	19.7	8.8	0.1	8.9	8.5
5	18.6	27.4	22.6	86.4	23.47	20.0	1.9	0.0	1.9	3.9
6	18.0	27.5	22.6	85.1	22.98	19.7	0.0	0.0	0.0	5.1
7	18.2	29.5	23.3	81.7	22.94	19.7	0.0	0.4	0.4	7.0
8	20.0	29.0	24.0	82.7	24.20	20.4	0.1	40.3	40.4	4.1
9	19.4	28.6	23.0	86.6	24.13	20.5	0.0	0.5	0.5	4.0
10	19.2	28.5	23.3	83.6	23.58	20.1	0.0	0.0	0.0	2.9
11	19.4	28.0	22.3	86.8	23.57	20.1	0.7	0.0	0.7	2.4
12	19.0	28.2	21.9	84.5	22.82	19.6	9.8	0.0	9.8	1.9
13	17.8	29.5	22.2	84.2	22.37	19.3	1.3	0.0	1.3	5.5
14	18.2	29.6	23.3	82.1	23.04	19.7	0.0	0.0	0.0	5.5
15	18.8	28.6	21.9	83.9	21.92	18.9	5.3	0.3	5.6	3.1
16	18.4	29.0	21.9	82.4	21.81	18.9	34.1	54.1	88.2	7.1
17	18.6	29.2	22.5	82.8	22.34	19.2	0.0	23.1	23.1	
18	19.8	28.0	22.2	85.4	23.04	19.8	46.6	0.2	46.8	0.2
19	18.9	29.0	22.6	85.6	23.75	20.2	3.2	28.4	31.6	2.2
20	18.7	28.4	22.1	84.8	22.46	19.3	0.7	4.3	5.0	3.0
21	18.7	26.3	21.0	94.0	23.71	20.2	3.0	15.4	18.4	2.8
22	18.2	26.8	21.0	95.7	24.04	20.4	1.7	0.1	1.8	2.0
23	18.7	29.0	22.3	84.3	22.77	19.6	17.8	3.2	21.0	6.1
24	19.4	29.5	23.1	83.6	23.47	20.1	7.5	42.0	49.5	6.3
25	18.7	27.5	22.5	87.5	23.70	20.2	5.5	68.9	74.4	1.5
26	18.4	27.4	21.9	87.6	23.11	19.8	29.5	22.5	52.0	3.3
27	18.0	27.3	20.2	94.7	22.91	19.6	2.3	0.0	2.3	2.3
28	17.0	27.5	21.8	84.3	21.92	18.9	0.8	0.0	0.8	5.6
29	18.4	28.5	22.6	84.3	22.86	19.6	0.0	0.0	0.0	7.4
30	18.3	29.5	22.5	83.9	22.77	19.6	3.1	8.4	11.5	3.4
31	17.8	25.6	20.7	88.9	21.99	19.0	24.3	1.6	25.9	0.7
PROM	18.6	28.3	22.4	85.6	23.04	19.7	208.0	415.2	623.2	

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.988

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	26.2	21.2	91.9	23.21	19.9	14.7	0.7	15.4	2.0
2	17.8	28.5	22.8	82.3	22.36	19.2	0.0	8.2	8.2	8.3
3	19.0	27.0	22.1	86.0	22.68	19.5	4.2	0.0	4.2	1.9
4	19.2	28.4	22.9	83.4	23.14	19.8	0.5	38.1	38.6	4.4
5	19.0	28.6	22.3	84.9	23.01	19.7	17.1	35.0	52.1	0.5
6	18.4	28.7	23.2	85.5	24.00	20.4	0.0	15.7	15.7	0.6
7	18.8	27.0	21.6	91.0	23.96	20.3	3.8	0.4	4.2	4.1
8	18.4	27.6	21.7	88.0	23.24	19.9	22.7	16.4	39.1	5.3
9	18.7	28.2	22.8	84.3	23.30	19.9	2.8	38.3	41.1	6.4
10	19.0	28.0	22.0	87.5	23.39	20.0	6.0	0.0	6.0	2.9
11	17.8	27.8	22.5	86.8	23.52	20.1	0.3	0.0	0.3	3.0
12	19.6	27.3	22.8	85.8	24.07	20.5	0.0	0.0	0.0	0.8
13	18.8	28.5	21.9	85.4	22.76	19.6	0.4	0.2	0.6	5.5
14	18.0	26.5	21.7	87.2	22.47	19.3	0.0	0.0	0.0	2.9
15	18.2	30.0	23.2	82.7	23.22	19.9	0.0	0.0	0.0	2.7
16	18.4	28.8	23.3	82.7	23.19	19.8	0.0	0.0	0.0	6.8
17	19.2	29.0	23.6	80.6	23.26	19.9	0.0	0.0	0.0	3.0
18	18.6	28.5	23.2	82.4	23.05	19.7	0.0	10.5	10.5	3.1
19	18.2	26.7	21.1	86.3	21.78	18.6	0.0	0.0	0.0	0.0
20	16.7	28.4	21.2	83.0	20.84	18.2	29.3	5.8	35.1	4.7
21	17.2	29.0	23.1	81.8	22.68	19.4	0.0	0.0	0.0	7.1
22	18.0	28.8	21.5	83.9	21.71	18.6	0.0	0.0	0.0	6.1
23	17.0	29.3	21.9	84.8	22.54	19.4	6.6	1.5	8.1	0.1
24	16.4	29.2	22.7	80.7	21.78	18.8	0.0	0.0	0.0	6.7
25	18.0	29.4	22.7	79.0	21.74	18.8	0.2	0.0	0.2	6.9
26	17.5	26.5	21.4	83.4	21.49	18.7	0.9	0.0	0.9	2.9
27	17.0	28.4	22.6	78.8	21.41	18.6	0.0	26.1	26.1	
28	17.8	28.2	21.7	85.5	22.18	19.1	0.4	11.0	11.4	5.1
29	16.6	27.5	21.6	84.7	21.99	19.0	0.0	0.0	0.0	5.1
30	18.2	27.6	21.8	90.2	20.88	18.2	1.1	16.2	17.3	1.3
PROM.	18.1	28.1	22.3	84.4	22.63	19.4	111.0	224.7	335.7	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.6	25.6	21.5	88.3	22.60	19.4	1.8	7.7	9.5	2.6
2	16.6	27.4	20.6	85.1	20.57	17.9	20.7	34.6	55.3	5.0
3	16.8	28.6	21.8	83.7	21.91	19.0	4.0	0.5	4.5	3.2
4	17.0	27.5	22.0	83.6	22.20	19.1	0.0	0.0	0.0	2.7
5	16.8	30.2	23.0	80.6	22.26	19.2	0.0	52.5	52.5	7.4
6	17.4	30.0	23.3	81.4	22.93	19.6	0.0	0.0	0.0	6.7
7	18.5	27.0	22.1	78.0	20.95	18.3	0.0	1.9	1.9	0.3
8	18.0	26.5	21.0	84.1	21.19	18.4	7.6	0.2	7.8	1.0
9	16.4	29.0	21.3	76.9	19.30	16.9	0.0	0.0	0.0	5.3
10	15.8	30.2	22.7	78.1	20.95	18.2	0.0	0.0	0.0	8.5
11	16.8	30.0	23.2	79.3	21.99	18.9	0.0	0.3	0.3	6.3
12	19.0	27.8	22.3	84.4	22.93	19.7	0.0	3.3	3.3	1.8
13	17.4	28.8	21.8	83.2	21.89	19.0	43.3	55.4	98.7	5.1
14	17.8	27.0	21.0	81.7	20.54	17.9	3.5	58.0	61.5	3.8
15	18.0	26.0	21.4	87.6	22.49	19.4	0.0	10.0	10.0	4.1
16	18.6	26.4	21.8	86.7	22.78	19.6	3.1	8.8	11.9	2.9
17	17.5	28.0	21.6	83.6	21.75	18.8	51.9	6.0	57.9	5.4
18	18.8	26.8	21.6	85.6	22.33	19.2	0.0	23.9	23.9	0.1
19	18.6	27.0	22.0	85.8	22.86	19.6	0.0	28.8	28.8	1.8
20	17.4	28.5	21.2	90.2	23.07	19.8	4.5	25.1	29.6	3.8
21	18.2	28.6	21.6	86.7	22.88	19.6	38.5	34.4	72.9	4.8
22	19.0	28.4	21.8	81.3	21.36	18.5	1.8	0.0	1.8	
23	17.0	29.2	22.7	80.8	22.24	19.2	0.0	0.0	0.0	7.9
24	18.2	29.0	21.5	82.0	21.22	18.4	0.4	0.0	0.4	5.1
25	17.5	28.8	21.7	82.3	21.75	18.8	47.3	40.5	87.8	0.0
26	18.0	27.2	21.7	83.6	21.85	18.9	12.9	77.5	90.4	4.7
27	16.8	28.6	22.5	82.2	22.14	19.1	1.3	6.9	8.2	7.4
28	18.5	26.8	21.7	86.9	22.80	19.6	1.4	19.5	20.9	3.4
29	18.4	27.8	21.9	84.4	22.39	19.3	1.5	5.4	6.9	6.2
30	18.3	27.0	21.8	85.7	22.76	19.6	13.3	26.1	39.4	2.7
31	17.0	28.8	22.8	83.5	22.81	19.5	0.0	55.8	55.8	5.9
PROM	17.7	28.0	21.9	83.5	21.99	19.0	258.8	583.1	841.9	

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.988

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

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	28.0	22.3	83.4	22.35	19.3	0.0	0.0	0.0	2.0
2	17.8	27.9	22.8	79.9	22.10	19.1	1.5	3.2	4.7	0.8
3	18.0	26.2	21.2	84.5	21.39	18.6	0.0	0.0	0.0	4.8
4	16.8	27.6	21.6	82.7	21.38	18.6	0.0	0.0	0.0	5.3
5	16.7	29.0	22.2	81.8	21.56	18.7	3.2	31.4	34.6	8.2
6	18.9	26.6	21.8	86.7	22.77	19.6	6.6	41.6	48.2	3.2
7	18.2	25.5	21.2	87.9	22.42	19.3	4.0	16.0	20.0	4.1
8	18.6	26.5	21.7	84.8	21.96	19.0	23.0	44.7	67.7	3.5
9	18.0	26.4	21.4	82.2	21.11	18.4	0.3	0.0	0.3	1.2
10	17.8	26.0	21.6	81.7	20.98	18.3	0.0	0.0	0.0	1.5
11	18.0	26.5	20.8	85.6	21.37	18.6	20.6	0.0	20.6	2.9
12	18.5	25.2	21.1	86.5	21.85	18.9	66.7	15.1	81.8	0.6
13	18.0	25.5	21.7	85.2	21.92	19.0	0.0	19.1	19.1	0.4
14	18.2	27.5	22.0	83.4	22.30	19.3	3.6	24.1	27.7	3.9
15	18.0	25.5	21.4	85.8	21.70	18.8	0.9	9.7	10.6	1.9
16	18.4	26.4	21.5	85.1	22.04	19.1	6.9	15.9	22.8	2.4
17	18.2	27.0	21.5	84.5	21.78	18.9	14.7	0.5	15.2	2.0
18	16.4	26.8	22.0	86.3	22.38	19.2	0.0	26.2	26.2	5.7
19	18.4	27.0	21.6	85.0	22.12	19.1	2.0	36.9	38.9	2.7
20	18.3	23.2	20.3	88.9	21.39	18.6	2.4	0.9	3.3	0.4
21	18.0	24.6	20.9	91.1	22.76	19.6	5.9	0.0	5.9	2.2
22	16.8	25.7	21.2	83.1	20.66	18.0	0.0	3.6	3.6	2.0
23	16.2	26.0	21.5	80.2	21.88	18.9	0.0	14.5	14.5	4.3
24	18.0	27.6	21.4	83.4	21.21	18.4	5.5	0.7	6.2	2.7
25	18.1	26.0	21.4	84.5	21.61	18.7	0.1	0.0	0.1	2.2
26	18.2	25.3	20.7	92.6	22.46	19.3	8.0	0.0	8.0	2.9
27	18.4	25.7	22.0	84.4	22.29	19.2	1.3	0.4	1.7	2.6
28	17.0	28.2	22.4	81.4	21.75	18.8	0.0	67.5	67.5	8.3
29	17.6	26.8	22.3	82.1	21.99	19.0	0.6	0.1	0.7	3.5
30	17.5	25.8	21.0	81.7	20.49	17.9	0.0	0.0	0.0	4.9
PROM.	17.8	26.4	21.6	84.7	21.80	18.9	177.8	372.1	549.9	93.1

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	26.7	20.6	81.0	19.41	17.0	3.5	6.5	10.0	7.3
2	16.0	26.5	20.8	84.2	20.35	17.7	0.0	0.8	0.8	6.2
3	17.2	25.0	20.8	83.8	20.73	18.0	13.4	2.0	15.4	2.1
4	15.5	24.2	19.0	88.2	19.63	17.2	0.0	0.0	0.0	2.4
5	14.5	23.8	19.9	82.6	18.96	16.6	0.0	37.9	37.9	0.0
6	16.8	23.5	19.9	85.2	19.75	17.3	16.9	4.5	21.4	0.2
7	17.0	22.7	20.1	91.8	21.51	18.7	0.1	7.0	7.1	0.2
8	18.0	24.0	20.3	89.8	21.44	18.6	13.0	4.9	17.9	1.7
9	17.8	22.2	19.6	88.5	20.40	17.8	2.8	0.0	2.8	0.0
10	16.8	26.5	21.2	80.7	20.02	17.5	0.0	0.1	0.1	6.5
11	15.5	27.0	21.0	81.0	19.90	17.4	0.7	0.0	0.7	7.3
12	16.0	27.4	21.1	84.5	20.90	18.1	0.0	2.6	2.6	7.2
13	18.6	24.7	21.1	88.7	22.48	19.4	0.0	0.5	0.5	1.2
14	18.0	23.2	20.8	91.0	22.28	19.2	0.0	0.0	0.0	0.1
15	17.0	24.6	19.7	84.6	19.59	17.2	0.9	0.0	0.9	1.5
16	13.0	26.8	19.4	73.6	16.19	13.9	0.0	0.5	0.5	8.4
17	15.4	26.5	20.1	81.6	19.08	16.8	0.0	0.0	0.0	6.4
18	15.6	25.5	19.2	83.2	18.37	16.2	0.0	0.0	0.0	3.6
19	15.0	23.0	19.2	85.4	19.01	16.7	0.0	0.0	0.0	0.4
20	13.0	26.2	19.6	77.1	17.24	15.1	0.0	0.0	0.0	8.0
21	14.8	27.2	20.7	77.5	18.58	16.2	0.0	0.4	0.4	5.8
22	17.6	25.0	20.5	84.7	20.25	17.7	11.9	5.3	17.2	2.3
23	17.8	23.5	20.1	89.3	21.18	18.4	18.7	0.1	18.8	0.6
24	18.0	22.3	19.6	92.8	21.03	18.3	0.0	0.0	0.0	0.1
25	16.4	26.0	20.0	84.7	19.89	17.4	21.3	33.8	55.1	0.3
26	17.2	26.2	20.7	82.9	20.19	17.6	8.9	10.7	19.6	2.7
27	16.2	24.7	19.9	87.7	20.23	17.6	0.1	16.8	16.9	2.5
28	18.0	24.5	19.5	88.3	20.32	17.8	0.3	0.0	0.3	1.7
29	16.8	25.0	19.8	86.2	20.10	17.6	8.9	4.9	13.8	1.5
30	17.0	20.6	18.0	96.7	20.31	17.7	3.0	0.0	3.0	0.0
31	15.5	20.8	18.5	93.0	19.80	17.3	1.8	0.0	1.8	0.1
PROM	16.4	24.7	20.0	85.5	19.97	17.4	126.2	139.3	265.5	88.3

ESTACION: FRANCISCO ROMERO MUNICIPIO: SALAZAR AÑO: 1.988

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	18.6	27.3	22.4	16.0	29.9	77.4	20.47	17.7	116.5	9	
FEBRERO	18.9	26.4	22.2	17.4	29.5	80.4	21.17	18.3	97.6	15	64.3
MARZO	17.7	27.4	22.3	15.6	31.5	81.7	21.59	18.6	82.8	10	
ABRIL	18.8	27.3	22.6	17.8	30.5	85.7	23.42	20.0	167.4	14	73.8
MAYO	18.9	29.0	23.4	17.8	31.4	82.3	23.46	20.0	156.8	17	126.8
JUNIO	18.5	28.2	22.7	17.0	31.5	82.9	22.66	19.4	137.3	19	132.2
JULIO	18.2	28.3	22.5	16.8	30.6	83.0	22.46	19.3	92.4	18	
AGOSTO	18.6	28.3	22.4	17.0	29.6	85.6	23.04	19.7	623.2	26	
SEPTIEMBRE	18.1	28.1	22.3	16.4	30.0	84.4	22.63	19.4	335.7	21	
OCTUBRE	17.7	28.0	21.9	15.8	30.2	83.5	21.99	19.0	841.9	26	
NOVIEMBRE	17.8	26.4	21.6	16.2	29.0	84.7	21.80	18.9	549.9	25	93.1
DICIEMBRE	16.4	24.7	20.0	13.0	27.4	85.5	19.97	17.4	265.5	24	88.3
PROMEDIO	18.2	27.5	22.2	16.4	30.1	83.1	22.06	19.0			
TOTAL									3467.0	224	

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.988

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.4	22.5	75.1	20.37	17.8	1.0	1.2	2.2	6.3
2	15.7	26.4	21.4	74.8	18.82	16.6	0.0	4.2	4.2	4.9
3	16.9	27.5	21.5	78.1	20.17	17.6	0.0	0.4	0.4	7.4
4	17.0	28.0	22.6	72.4	19.33	17.0	0.0	0.0	0.0	5.9
5	16.0	28.0	21.2	76.9	19.57	17.2	0.0	9.0	9.0	6.4
6	17.0	27.0	20.3	75.8	18.22	16.0	0.0	0.3	0.3	5.0
7	17.2	27.5	22.2	72.1	19.11	16.8	0.0	0.0	0.0	5.4
8	16.8	27.4	21.6	75.0	19.51	17.1	0.8	0.0	0.8	6.2
9	17.6	27.6	22.1	76.6	20.62	18.0	0.0	0.0	0.0	5.8
10	16.8	27.2	21.1	79.3	19.82	17.3	14.2	0.0	14.2	6.4
11	15.8	26.4	21.2	77.6	19.33	16.9	1.7	0.0	1.7	5.3
12	16.0	27.3	21.2	71.4	18.19	16.0	0.0	0.0	0.0	7.4
13	15.0	26.0	21.1	73.0	18.31	16.1	0.0	0.0	0.0	6.2
14	17.0	26.6	21.1	78.5	19.78	17.3	0.0	0.9	0.9	4.6
15	17.5	25.0	20.1	83.3	20.08	17.6	0.2	1.9	2.1	3.6
16	16.0	24.0	19.6	79.5	18.39	16.1	7.3	6.5	13.8	2.7
17	16.4	24.5	19.7	84.2	19.59	17.2	12.8	4.3	17.1	3.5
18	16.0	25.5	20.4	81.8	19.40	17.0	0.8	0.1	0.9	
19	17.0	26.0	20.2	84.6	19.98	17.5	0.1	0.0	0.1	3.6
20	16.4	27.0	21.6	74.4	18.71	16.4	0.4	0.1	0.5	6.5
21	16.6	26.0	19.5	79.5	18.19	16.0	11.3	0.1	11.4	
22	16.0	26.3	21.5	75.0	18.99	16.7	0.9	0.0	0.9	5.6
23	14.7	26.0	20.9	76.1	18.73	16.5	0.0	0.0	0.0	
24	15.0	26.4	21.6	73.0	18.27	16.1	0.0	0.0	0.0	
25	15.8	28.0	20.9	76.6	18.37	16.2	0.0	0.0	0.0	
26	15.0	27.8	20.8	77.6	18.76	16.5	0.0	0.0	0.0	
27	14.8	26.0	20.6	76.6	18.30	16.1	0.0	0.0	0.0	
28	15.0	27.5	20.8	73.4	17.64	15.5	0.0	0.0	0.0	5.0
29	17.0	23.5	19.2	87.0	19.58	17.1	0.3	0.0	0.3	3.6
30	16.0	26.0	20.2	79.3	18.81	16.5	1.4	0.0	1.4	4.7
31	15.0	27.0	21.4	73.9	18.58	16.3	0.0	0.0	0.0	7.3
PROM.	16.2	26.5	21.0	77.2	19.08	16.7	53.2	29.0	82.2	

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	28.2	22.3	73.5	19.57	17.2	0.0	0.0	0.0	6.1
2	16.8	25.2	20.1	81.3	19.28	16.9	0.0	0.0	0.0	2.2
3	15.7	27.0	20.4	77.1	18.73	16.4	7.7	4.2	11.9	6.3
4	16.8	25.0	19.8	90.6	20.80	18.1	0.0	0.0	0.0	1.8
5	15.2	26.5	20.8	75.5	18.35	16.1	0.0	0.0	0.0	3.2
6	17.0	26.0	21.2	77.4	19.35	17.0	0.0	0.0	0.0	3.8
7	16.8	27.2	21.9	76.5	19.56	17.1	0.0	0.0	0.0	5.6
8	17.0	30.5	21.4	81.6	20.78	18.1	18.7	24.0	42.7	7.7
9	16.0	21.5	18.9	91.7	20.00	17.5	1.6	0.0	1.6	0.0
10	16.2	26.5	20.9	79.2	18.95	16.6	0.0	14.9	14.9	3.6
11	16.0	25.5	19.8	83.6	18.95	16.7	2.3	0.0	2.3	1.8
12	17.5	26.4	22.1	75.6	19.50	17.1	0.0	6.8	6.8	2.6
13	18.0	25.5	21.2	81.4	20.22	17.7	0.2	0.0	0.2	1.6
14	17.0	26.4	21.6	79.0	20.21	17.7	0.3	0.0	0.3	6.4
15	16.5	28.0	22.8	72.7	19.89	17.4	0.0	0.0	0.0	5.8
16	17.0	28.6	22.3	74.5	19.66	17.2	0.0	0.1	0.1	5.6
17	17.0	28.0	21.5	81.4	20.95	18.2	17.2	0.0	17.2	5.5
18	15.8	29.0	22.6	72.1	19.28	16.9	0.0	0.0	0.0	7.9
19	16.0	29.5	22.7	71.2	19.04	16.7	0.0	0.0	0.0	9.2
20	16.2	28.5	22.1	76.0	20.08	17.6	0.0	0.0	0.0	6.7
21	15.8	27.4	21.8	72.4	18.58	16.3	0.2	0.0	0.2	5.7
22	18.6	26.0	22.6	81.4	22.06	19.1	0.0	0.0	0.0	1.8
23	18.0	27.0	22.2	81.2	21.55	18.7	0.5	2.6	3.1	2.5
24	18.2	25.0	21.3	84.1	21.28	18.5	2.2	0.4	2.6	1.1
25	17.5	24.8	21.0	81.3	20.23	17.7	0.0	17.3	17.3	0.8
26	17.0	25.0	20.2	84.6	19.99	17.5	0.2	8.6	8.8	1.8
27	17.0	21.4	18.8	86.6	18.91	16.6	8.8	0.0	8.8	0.0
28	15.0	26.3	19.9	80.4	18.66	16.4	0.0	0.0	0.0	5.8
29	14.6	28.0	21.0	70.1	18.96	16.9	0.0	0.0	0.0	8.8
PROM	16.6	26.5	21.2	79.1	19.70	17.2	59.9	78.9	138.8	121.7

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.988

ALTITUD: 1.450 LATITUD: 4-36 N. LONGITUD: 75-46 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	15.5	27.8	22.1	70.3	18.47	16.3	0.0	0.0	0.0	6.8
2	16.2	28.0	22.1	74.4	19.07	16.8	0.0	0.0	0.0	7.6
3	16.0	28.5	22.5	72.8	19.46	17.1	0.0	0.0	0.0	5.2
4	16.2	29.0	23.0	69.4	19.00	16.7	0.0	0.0	0.0	6.6
5	15.8	27.5	22.7	65.6	17.42	15.3	0.0	0.0	0.0	6.8
6	16.5	27.7	22.2	68.7	17.94	15.8	0.0	0.0	0.0	5.4
7	15.5	28.5	22.4	68.4	17.75	15.6	0.0	0.0	0.0	6.6
8	17.0	27.0	21.4	82.1	20.93	18.2	15.2	23.9	39.1	3.4
9	16.5	21.0	18.2	93.2	19.51	17.1	31.0	2.2	33.2	0.0
10	14.8	27.5	20.7	73.6	17.54	15.4	0.0	0.0	0.0	8.7
11	15.0	29.0	21.9	64.4	16.51	14.5	0.0	0.0	0.0	10.1
12	15.0	28.5	21.6	69.2	17.47	15.4	0.0	0.0	0.0	7.2
13	15.8	28.0	22.4	67.8	17.94	15.8	0.0	0.0	0.0	8.7
14	15.0	29.0	22.6	65.3	16.96	14.9	0.0	0.0	0.0	8.8
15	16.0	28.8	22.4	69.5	18.29	16.1	0.0	0.0	0.0	9.3
16	15.8	25.0	20.8	78.1	19.03	16.7	0.1	0.0	0.1	1.6
17	16.0	27.4	21.8	73.1	18.80	16.5	0.0	0.0	0.0	8.8
18	15.8	29.0	23.8	65.1	17.80	15.5	0.0	0.0	0.0	7.2
19	15.5	30.0	23.7	69.3	19.39	17.0	0.0	0.0	0.0	8.4
20	16.0	29.6	24.3	59.5	16.59	14.3	0.0	0.0	0.0	8.1
21	15.8	31.8	24.3	54.6	16.20	14.1	0.0	0.0	0.0	9.2
22	16.4	30.0	22.2	73.3	19.47	17.1	4.2	0.0	4.2	7.9
23	16.2	28.5	22.1	72.6	18.90	16.6	0.0	0.0	0.0	6.6
24	16.5	29.8	23.6	68.3	18.90	16.6	0.0	0.0	0.0	7.9
25	16.0	30.0	21.9	67.7	17.50	15.4	0.0	0.0	0.0	8.3
26	15.6	26.0	22.1	74.5	19.30	16.9	0.0	0.0	0.0	2.6
27	17.5	26.5	22.3	78.4	21.10	18.4	0.0	0.0	0.0	2.5
28	17.8	28.0	21.9	78.1	20.84	18.1	3.9	0.0	3.9	4.3
29	17.2	26.4	21.9	77.2	20.34	17.8	0.1	0.0	0.1	1.8
30	17.5	28.0	22.1	80.2	21.15	18.4	0.0	0.0	0.0	3.8
31	16.8	28.5	23.0	73.9	20.47	17.9	0.0	0.0	0.0	6.7
PROM.	16.1	28.1	22.3	71.6	18.71	16.4	54.5	26.1	80.6	196.7

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	18.0	27.0	22.0	77.5	20.44	17.8	0.0	0.0	0.0	3.1
2	18.5	23.0	20.5	86.5	20.97	18.3	0.0	4.5	4.5	0.0
3	17.0	27.5	19.9	82.7	19.29	17.0	3.9	43.0	46.9	2.3
4	16.5	24.5	20.6	82.9	19.82	17.4	0.1	0.0	0.1	1.3
5	17.5	28.0	21.6	81.6	21.08	18.4	12.5	48.8	61.3	4.5
6	16.8	22.4	19.5	91.3	20.54	17.9	1.1	0.1	1.2	0.0
7	17.3	25.5	21.6	79.3	20.13	17.6	0.0	0.0	0.0	0.9
8	17.5	27.6	22.6	74.5	20.16	17.6	0.1	0.0	0.1	5.5
9	18.5	25.4	20.7	86.7	21.36	18.5	0.0	1.0	1.0	1.1
10	17.5	24.2	18.8	92.7	20.32	17.7	22.1	2.4	24.5	0.9
11	16.8	21.4	19.6	91.7	20.70	18.0	1.4	1.8	3.2	0.0
12	17.4	24.5	20.9	86.7	21.17	18.4	0.1	65.1	65.2	0.8
13	16.5	21.2	18.5	90.6	19.32	17.0	7.7	0.0	7.7	0.0
14	15.5	27.5	21.2	75.5	19.05	16.7	0.1	2.3	2.4	6.4
15	17.0	23.5	20.3	86.1	20.32	17.7	4.7	5.2	9.9	0.5
16	16.8	27.0	21.6	76.6	19.29	16.9	0.4	0.8	1.2	6.5
17	17.8	28.2	22.9	79.4	21.62	18.7	0.0	1.4	1.4	5.8
18	17.0	26.5	20.8	84.7	20.95	18.3	18.9	2.9	21.8	2.5
19	17.4	26.8	21.7	75.3	19.32	16.9	0.0	0.0	0.0	3.8
20	17.8	26.5	22.1	79.5	21.26	18.5	7.3	11.6	18.9	3.5
21	17.5	25.8	20.7	82.6	20.15	17.6	1.4	0.0	1.4	0.9
22	16.8	25.5	21.5	80.0	20.43	17.8	0.0	0.5	0.5	2.4
23	17.0	26.8	20.3	81.2	19.43	17.1	9.2	0.0	9.2	3.8
24	16.5	27.0	20.9	80.0	19.83	17.4	3.2	5.3	8.5	5.2
25	16.8	28.0	21.0	77.0	18.93	16.6	0.0	0.0	0.0	5.5
26	16.0	25.0	20.7	81.4	20.06	17.5	2.6	0.1	2.7	0.8
27	17.5	26.4	21.0	80.6	19.99	17.5	3.2	0.0	3.2	4.0
28	16.0	28.8	22.4	73.8	19.89	17.4	0.0	0.0	0.0	7.1
29	17.4	24.0	20.3	87.0	20.59	18.0	15.9	11.1	27.0	0.0
30	16.4	26.3	20.5	81.7	19.80	17.3	0.0	4.1	4.1	3.8
PROM	17.1	25.7	20.9	82.2	20.21	17.7	115.9	212.0	327.9	82.9

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.988

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

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	26.5	20.5	78.3	19.08	18.7	1.2	3.4	4.6	5.2
2	16.5	24.6	20.5	80.0	19.03	18.7	1.2	0.0	1.2	3.4
3	16.8	26.4	21.0	78.2	19.08	18.7	0.0	0.0	0.0	5.2
4	17.0	24.0	20.1	89.5	21.17	18.4	3.5	0.0	3.5	1.4
5	15.8	26.5	21.4	74.6	18.78	18.5	0.0	2.0	2.0	4.5
6	17.8	26.0	20.7	81.4	20.05	17.9	7.1	0.0	7.1	3.8
7	16.0	25.8	21.4	80.7	20.72	18.1	25.2	0.0	25.2	6.1
8	14.0	26.0	20.3	82.7	19.75	17.3	2.7	0.2	2.9	3.6
9	17.5	28.0	21.8	81.3	21.15	18.4	0.0	0.0	0.0	5.2
10	18.0	26.0	20.8	84.0	21.14	18.4	10.1	0.0	10.1	4.0
11	15.8	27.2	21.0	79.3	19.85	17.4	18.8	0.0	18.8	4.8
12	17.8	26.5	21.0	80.0	19.90	17.4	0.0	0.0	0.0	2.4
13	16.5	26.6	20.8	78.3	19.23	16.9	5.3	2.3	7.6	0.5
14	17.4	24.5	20.3	80.7	19.23	16.8	0.3	0.0	0.3	4.1
15	15.8	26.0	21.7	74.6	19.16	16.8	0.0	0.0	0.0	10.0
16	15.5	28.0	22.3	71.7	18.88	16.6	0.0	0.0	0.0	3.6
17	17.5	27.0	22.1	79.6	21.07	18.4	0.0	2.3	2.3	
18	17.0	26.0	21.2	82.3	20.83	18.1	2.9	0.0	2.9	2.2
19	17.0	26.5	21.0	83.3	20.95	18.3	1.6	13.7	15.3	3.4
20	18.0	25.0	19.4	91.8	20.85	18.2	5.4	0.0	5.4	3.1
21	16.5	26.0	20.5	79.5	19.46	17.1	2.7	0.0	2.7	4.2
22	17.5	27.0	22.3	74.3	19.75	17.3	0.0	0.0	0.0	5.6
23	17.0	25.0	21.4	81.0	20.74	18.1	11.0	0.0	11.0	1.4
24	16.0	26.5	21.6	79.7	20.24	17.7	0.0	0.0	0.0	4.2
25	18.5	25.5	22.2	78.5	21.13	18.4	0.1	2.0	2.1	0.6
26	18.5	25.2	20.2	86.7	21.10	18.4	51.0	0.2	51.2	0.6
27	16.0	25.0	20.7	80.0	19.88	17.4	12.8	25.5	38.3	
28	17.0	24.0	19.9	80.8	18.70	16.4	0.4	0.0	0.4	1.6
29	16.0	27.6	20.2	75.1	18.07	15.9	26.3	6.9	33.2	6.7
30	15.0	26.0	20.2	75.5	17.52	15.4	0.0	0.0	0.0	5.3
31	15.8	24.5	19.9	82.0	18.90	16.6	1.6	3.0	4.6	1.6
PROM.	16.7	26.0	20.9	80.2	19.85	17.4	191.2	61.5	252.7	

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	25.0	20.3	82.6	19.48	17.1	0.0	10.4	10.4	2.9
2	16.2	26.0	20.1	75.4	17.51	15.3	0.3	1.8	2.1	3.4
3	15.6	21.2	18.9	86.8	18.89	16.6	0.0	0.0	0.0	0.1
4	15.0	25.3	21.4	73.2	18.61	16.4	0.0	0.0	0.0	7.1
5	16.0	28.0	21.7	72.5	18.76	16.5	0.0	0.0	0.0	8.0
6	15.2	24.4	20.4	82.2	19.97	17.5	13.2	0.0	13.2	4.9
7	14.8	26.0	20.9	73.3	18.10	15.9	0.0	0.0	0.0	7.4
8	15.5	24.2	21.1	77.4	19.14	16.8	0.0	0.0	0.0	2.4
9	16.4	24.4	20.5	80.0	19.14	16.8	0.4	0.0	0.4	2.9
10	17.0	25.0	20.5	78.1	18.70	16.4	0.2	0.1	0.3	4.0
11	15.8	24.4	19.0	80.8	17.99	15.8	4.3	0.0	4.3	3.2
12	15.7	22.4	19.0	81.6	18.36	16.1	15.4	0.0	15.4	1.8
13	15.0	24.0	19.2	82.8	18.58	16.3	0.3	8.4	8.7	3.2
14	16.0	23.5	19.1	80.7	17.86	15.7	1.8	0.3	2.1	1.8
15	15.0	25.0	19.7	75.9	17.54	15.4	5.8	0.0	5.8	6.7
16	16.8	21.5	18.3	87.4	18.66	16.4	4.1	2.6	6.7	1.3
17	14.0	21.0	17.8	81.1	16.18	14.2	0.0	2.0	2.0	0.5
18	14.8	21.2	17.5	84.7	16.91	14.9	1.7	10.3	12.0	1.0
19	14.5	22.5	19.7	79.0	17.95	15.8	0.0	0.9	0.9	4.6
20	14.8	25.0	20.6	72.1	17.34	15.2	0.0	0.0	0.0	6.7
21	16.0	25.2	22.1	71.0	19.11	16.7	1.5	0.0	1.5	6.9
22	16.0	23.5	20.1	79.4	19.01	16.7	0.2	21.4	21.6	4.0
23	15.5	23.4	19.8	78.8	17.60	15.5	0.0	4.7	4.7	3.7
24	15.8	22.4	18.3	86.4	18.32	16.1	44.3	18.0	62.3	1.9
25	15.0	21.0	17.2	86.9	17.00	14.9	7.3	0.1	7.4	3.2
26	15.1	23.5	18.8	80.9	17.54	15.5	0.1	0.0	0.1	4.2
27	14.0	24.5	20.7	74.7	17.79	15.7	0.3	0.0	0.3	7.7
28	14.8	23.4	19.2	80.8	18.07	15.9	5.8	1.1	6.9	3.6
29	15.0	24.5	19.9	77.5	18.08	15.9	0.0	2.2	2.2	7.0
30	14.0	24.2	20.1	72.4	17.05	15.0	0.0	0.2	0.2	6.5
PROM	15.4	23.9	19.7	79.2	18.18	16.0	107.0	84.5	191.5	122.6

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.988

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	23.5	19.4	85.2	19.13	16.8	1.6	0.2	1.8	2.2
2	16.0	23.4	19.5	85.9	19.36	17.0	9.6	1.4	11.0	2.4
3	16.5	22.4	19.3	85.8	19.20	16.9	7.1	21.7	28.8	1.4
4	15.2	22.5	19.2	81.4	17.83	15.7	0.0	9.2	9.2	0.9
5	16.0	23.4	19.8	80.1	18.05	15.9	0.2	18.8	19.0	3.4
6	16.5	23.5	18.9	84.1	18.44	16.2	1.6	0.0	1.6	1.9
7	16.0	23.2	20.0	83.6	19.54	17.1	0.0	0.0	0.0	2.6
8	16.8	24.0	20.2	81.9	19.31	17.0	16.9	0.0	16.9	3.5
9	16.5	26.0	21.3	78.2	19.41	17.0	0.0	0.0	0.0	4.4
10	16.6	25.2	21.0	78.6	19.26	16.9	0.2	0.0	0.2	4.0
11	16.5	25.0	20.6	74.9	18.00	15.8	0.0	0.0	0.0	7.1
12	16.6	25.3	20.6	77.3	18.37	16.1	0.2	0.0	0.2	4.3
13	16.0	27.4	21.1	82.9	20.71	18.0	1.1	0.0	1.1	8.8
14	14.5	26.8	20.3	78.2	18.40	16.2	0.0	0.0	0.0	6.9
15	16.0	28.0	22.5	66.2	17.88	15.6	0.0	0.0	0.0	9.6
16	14.7	27.8	21.4	78.1	19.72	17.2	0.0	0.0	0.0	8.2
17	15.0	27.0	22.4	77.3	20.62	17.9	0.1	0.0	0.1	6.9
18	15.5	26.8	21.8	76.2	20.17	17.6	0.0	0.0	0.0	7.8
19	16.0	26.7	21.2	79.0	19.93	17.5	0.0	0.0	0.0	4.9
20	15.5	27.3	22.1	70.0	18.32	16.1	0.2	0.0	0.2	6.3
21	17.0	27.0	21.7	82.4	21.27	18.5	0.0	0.0	0.0	3.1
22	17.0	26.6	21.7	78.9	20.41	17.8	1.7	0.0	1.7	4.7
23	16.0	26.8	20.9	79.7	19.98	17.5	0.0	0.0	0.0	1.5
24	16.0	26.9	20.2	83.0	19.85	17.4	0.0	22.1	22.1	5.5
25	17.0	27.0	21.8	80.1	20.57	17.9	0.5	1.2	1.7	5.6
26	17.5	26.5	21.2	82.7	20.99	18.3	3.6	0.0	3.6	6.6
27	15.5	27.6	21.0	77.9	19.40	17.0	0.0	0.0	0.0	6.2
28	15.0	28.2	22.9	74.9	20.78	18.1	0.0	0.0	0.0	7.8
29	17.8	27.4	20.9	81.8	20.59	18.0	15.9	1.7	17.6	4.2
30	17.5	26.8	20.0	83.2	19.47	17.1	1.2	0.5	1.7	5.4
31	16.5	25.7	19.9	83.2	19.55	17.1	0.9	0.0	0.9	2.0
PROM.	16.2	25.9	20.8	79.8	19.50	17.1	62.6	76.8	139.4	150.0

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	15.5	27.2	20.9	72.4	18.32	16.1	0.4	0.9	1.3	4.4
2	15.0	25.6	20.3	79.2	18.76	16.5	0.0	0.4	0.4	2.2
3	17.4	26.8	21.0	82.9	20.39	17.8	1.3	5.3	6.6	4.3
4	17.0	25.8	21.4	82.3	20.71	18.0	0.0	0.0	0.0	3.7
5	17.0	28.0	21.5	77.3	19.57	17.1	0.0	0.0	0.0	5.5
6	16.0	27.8	21.1	76.4	19.49	17.0	0.0	9.0	9.0	9.3
7	16.3	27.0	21.8	79.4	20.75	18.1	3.4	3.8	7.2	5.5
8	16.8	24.5	20.5	85.9	20.74	18.1	1.0	3.8	4.8	2.4
9	17.0	27.0	21.3	82.5	20.77	18.1	0.0	0.0	0.0	6.1
10	16.6	26.0	21.2	83.1	21.13	18.4	1.8	7.5	9.3	3.8
11	16.5	27.3	22.2	76.9	20.37	17.8	0.0	2.3	2.3	6.5
12	15.0	26.0	19.7	82.2	19.07	16.7	19.6	0.0	19.6	4.1
13	16.0	26.5	22.0	81.4	21.27	18.5	1.2	0.0	1.2	6.6
14	16.5	24.6	20.5	83.5	20.23	17.7	0.9	0.0	0.9	2.5
15	15.5	26.6	20.3	82.1	19.58	17.2	0.6	0.7	1.3	6.6
16	16.5	25.0	19.9	85.3	19.71	17.3	4.0	0.0	4.0	4.3
17	16.8	23.6	19.8	89.1	20.34	17.8	0.0	1.2	1.2	1.9
18	15.5	27.5	20.8	77.0	18.73	16.4	0.0	1.5	1.5	8.5
19	16.0	25.5	20.3	85.5	20.34	17.7	5.1	13.8	18.9	3.2
20	17.0	24.5	20.6	84.0	20.27	17.7	2.2	1.4	3.6	1.3
21	16.8	24.2	19.1	88.0	19.56	17.1	10.4	10.1	20.5	1.3
22	15.6	24.8	19.7	84.3	19.07	16.7	4.8	0.0	4.8	2.8
23	15.0	26.9	21.8	77.0	19.98	17.5	0.0	0.0	0.0	7.8
24	16.8	25.6	20.5	82.2	20.21	17.7	28.2	0.0	28.2	4.3
25	15.5	25.0	20.1	84.9	19.78	17.3	0.0	0.0	0.0	3.0
26	16.4	26.4	20.3	84.8	20.48	17.9	3.8	14.8	18.6	3.8
27	16.5	23.8	19.5	91.7	20.70	18.1	1.3	0.0	1.3	2.0
28	17.0	26.4	20.1	85.1	20.18	17.7	2.4	0.0	2.4	2.8
29	15.9	24.7	18.4	88.4	18.84	16.5	14.5	3.5	18.0	3.4
30	16.0	23.0	19.0	85.4	18.64	16.4	17.7	24.2	41.9	0.7
31	15.8	19.0	17.1	93.4	18.24	16.0	13.4	0.0	13.4	0.0
PROM	16.2	25.6	20.4	83.0	19.88	17.4	144.0	104.2	248.2	124.6

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.988

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

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	26.0	19.3	81.9	18.25	16.0	0.4	0.0	0.4	5.1
2	16.0	27.5	21.1	77.7	19.00	16.7	0.4	2.6	3.0	5.4
3	17.2	26.7	20.0	82.2	19.33	17.0	10.7	0.1	10.8	4.5
4	15.5	25.8	20.5	82.4	19.94	17.4	0.2	0.0	0.2	7.2
5	16.0	25.6	19.4	84.1	19.09	16.8	5.4	0.0	5.4	3.1
6	14.0	25.8	20.5	80.5	19.23	16.8	0.0	0.0	0.0	3.7
7	17.0	21.5	17.6	92.0	18.66	16.4	9.7	0.0	9.7	0.1
8	14.0	25.3	19.0	79.9	17.21	15.1	1.0	0.0	1.0	3.1
9	15.8	25.8	19.7	81.2	18.80	16.5	2.6	25.3	27.9	4.0
10	16.5	24.8	19.5	89.8	20.29	17.7	0.4	30.4	30.8	2.1
11	16.8	26.4	19.9	85.1	19.76	17.3	18.7	20.6	39.3	3.5
12	16.5	24.0	19.4	87.2	19.47	17.1	0.2	10.0	10.2	1.8
13	16.0	23.8	18.8	89.1	19.46	17.1	5.9	7.5	13.4	0.4
14	15.8	25.0	20.2	85.0	19.99	17.4	0.2	0.0	0.2	2.8
15	14.5	27.0	21.0	74.1	18.77	16.5	3.9	0.0	3.9	6.3
16	14.0	27.8	19.6	84.0	19.26	16.8	6.1	0.0	6.1	7.6
17	16.5	27.2	21.2	81.7	20.48	17.9	0.0	6.3	6.3	3.5
18	16.9	26.5	19.7	88.4	20.59	17.9	0.7	23.9	24.6	3.5
19	17.0	25.3	20.3	85.6	20.27	17.7	0.0	3.5	3.5	2.1
20	16.9	25.5	20.0	86.0	20.05	17.6	0.5	5.6	6.1	4.6
21	17.5	26.5	20.6	85.0	20.54	17.9	0.2	6.0	6.2	6.1
22	16.5	26.5	20.7	83.7	20.32	17.7	0.4	0.2	0.6	3.8
23	16.8	27.5	21.0	80.8	20.01	17.5	0.0	0.0	0.0	6.0
24	17.0	28.0	20.9	82.4	20.33	17.8	0.0	0.0	0.0	5.9
25	16.2	26.6	21.1	85.5	21.77	18.8	0.0	0.0	0.0	5.1
26	17.0	26.7	21.0	85.1	21.49	18.7	0.4	0.0	0.4	3.8
27	14.5	27.6	21.4	80.6	20.26	17.6	0.0	0.0	0.0	6.8
28	16.0	28.8	21.4	79.6	20.55	17.9	0.8	0.0	0.8	6.6
29	16.0	26.8	20.5	82.9	20.21	17.7	15.5	22.0	37.5	5.1
30	16.8	23.0	17.8	95.5	19.50	17.1	31.9	3.1	35.0	0.9
PROM.	16.1	26.0	20.1	84.0	19.76	17.3	116.2	167.1	283.3	124.5

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	25.3	19.5	84.8	19.61	17.2	39.0	31.9	70.9	2.6
2	15.8	25.8	19.0	84.2	18.39	16.2	51.0	0.0	51.0	1.7
3	16.0	24.7	20.2	87.0	20.61	18.0	0.0	0.4	0.4	2.6
4	16.8	24.5	19.9	91.6	21.72	18.7	11.4	0.0	11.4	2.9
5	15.5	26.8	20.7	84.0	20.20	17.6	0.0	0.0	0.0	4.9
6	16.8	27.2	20.2	85.6	20.43	17.9	24.0	24.9	48.9	4.8
7	16.6	25.5	20.5	87.7	21.13	18.4	0.7	4.3	5.0	2.0
8	17.4	23.5	19.6	89.9	20.79	18.1	18.8	0.0	18.8	0.5
9	16.5	26.4	20.7	82.0	20.16	17.6	0.0	0.0	0.0	5.6
10	15.5	27.5	20.3	81.5	19.39	17.0	0.3	0.0	0.3	5.5
11	15.8	25.2	19.4	95.4	21.40	18.6	28.4	0.0	28.4	3.9
12	16.5	22.5	17.7	96.7	19.92	17.5	20.0	18.9	38.9	0.9
13	16.0	23.8	19.4	85.4	19.19	16.9	0.0	14.5	14.5	0.6
14	16.5	23.0	19.0	90.1	19.91	17.4	2.4	14.0	16.4	0.9
15	16.4	23.4	19.1	87.2	19.23	16.9	0.1	0.0	0.1	0.1
16	14.8	26.2	20.0	81.2	19.17	16.8	0.0	0.0	0.0	5.6
17	16.4	26.8	20.4	84.9	20.55	17.9	0.0	18.8	18.8	5.4
18	16.5	24.5	19.2	87.7	19.51	17.1	0.3	0.0	0.3	4.0
19	16.6	27.0	20.3	80.4	19.39	17.1	0.0	0.0	0.0	5.5
20	15.0	27.5	21.3	78.1	19.64	17.1	0.0	0.0	0.0	8.9
21	16.0	27.3	22.0	78.9	20.38	17.8	0.0	9.9	9.9	3.0
22	16.8	25.5	20.7	84.8	20.44	17.8	0.4	0.0	0.4	1.6
23	15.0	29.2	21.5	77.9	19.77	17.2	0.0	0.0	0.0	8.1
24	16.0	27.5	19.7	82.2	19.17	16.8	34.6	0.0	34.6	5.3
25	15.0	25.0	19.9	83.9	19.19	16.8	0.0	2.6	2.6	3.6
26	15.5	26.2	20.4	82.3	19.89	17.4	0.0	0.0	0.0	5.0
27	17.0	23.5	19.5	88.7	20.11	17.5	0.3	1.3	1.6	1.0
28	16.5	24.5	19.5	86.3	19.81	17.3	0.0	0.1	0.1	0.6
29	17.0	25.0	20.5	83.6	20.26	17.7	16.5	0.5	17.0	2.5
30	16.8	27.5	21.6	82.1	19.93	17.4	0.0	3.0	3.0	3.1
31	15.8	25.6	20.4	83.4	19.35	17.0	12.6	0.7	13.3	4.2
PROM	16.1	25.6	20.0	85.1	19.96	17.4	260.8	145.8	406.6	106.9

ESTACION: MARACAY MUNICIPIO: QUIMBAYA AÑO: 1.9E8

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

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	25.6	19.6	87.2	20.33	17.7	31.1	14.2	45.3	2.7
2	16.8	24.2	19.4	91.1	20.68	18.0	0.7	4.4	5.1	0.9
3	16.0	25.2	20.3	83.2	19.62	17.2	0.0	0.0	0.0	4.3
4	15.8	27.5	21.9	76.4	20.03	17.5	0.0	0.0	0.0	5.4
5	16.4	28.2	21.2	80.7	20.76	18.1	10.9	0.7	11.6	5.6
6	17.0	25.5	20.1	86.1	20.44	17.8	0.0	2.9	2.9	1.5
7	16.0	25.3	19.9	81.6	19.04	16.7	12.7	6.4	19.1	2.7
8	16.5	25.8	20.0	84.6	19.83	17.4	0.0	0.0	0.0	2.2
9	17.0	25.4	19.3	86.4	19.74	17.3	31.0	18.6	49.6	1.5
10	16.8	25.0	20.1	86.9	20.72	18.1	1.3	8.2	9.5	2.5
11	17.0	26.4	19.1	88.7	19.85	17.4	6.2	0.0	6.2	2.0
12	16.5	27.0	20.7	83.3	20.17	17.6	0.2	9.4	9.6	2.7
13	16.4	25.0	20.1	86.6	20.44	17.8	0.0	0.5	0.5	2.1
14	17.5	26.0	20.1	86.3	20.38	17.8	7.9	40.7	48.6	2.3
15	15.8	24.2	19.7	86.3	19.79	17.3	0.5	36.4	36.9	3.5
16	15.5	24.0	19.2	85.7	19.28	16.9	1.3	6.6	7.9	2.0
17	16.3	23.2	19.8	85.8	19.62	17.2	0.2	0.0	0.2	0.5
18	15.5	26.2	20.5	79.4	19.16	16.8	0.0	0.2	0.2	6.2
19	17.2	26.8	20.6	82.0	20.15	17.6	0.0	0.0	0.0	5.9
20	15.4	26.6	19.6	82.8	18.88	16.6	9.8	6.8	16.6	3.4
21	17.0	26.0	20.6	83.4	20.15	17.6	0.1	21.1	21.2	5.0
22	14.5	22.5	19.0	89.6	19.98	17.5	6.5	1.0	7.5	1.4
23	14.4	26.6	20.7	79.9	19.53	17.1	0.0	0.0	0.0	8.6
24	17.0	24.5	18.5	88.6	19.36	17.0	3.1	0.0	3.1	1.1
25	15.4	26.4	19.8	84.4	19.54	17.1	0.0	50.1	50.1	3.3
26	15.5	26.0	20.1	80.0	20.30	17.7	0.0	0.0	0.0	3.1
27	16.0	27.3	21.2	84.2	21.05	18.3	0.4	0.0	0.4	4.0
28	17.5	25.0	20.4	87.7	21.51	18.6	14.6	1.4	16.0	3.0
29	17.4	24.8	19.6	84.4	19.48	17.1	12.8	0.0	12.8	2.3
30	16.5	25.0	19.2	85.2	19.24	16.9	21.2	32.2	53.4	4.5
PROM.	16.3	25.6	20.0	84.8	19.97	17.5	172.5	261.8	434.3	96.2

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	16.2	25.6	19.3	83.8	18.90	16.6	15.1	2.1	17.2	3.9
2	16.0	25.2	19.8	84.2	19.22	16.9	0.0	6.9	6.9	4.6
3	15.9	25.8	18.9	84.9	18.66	16.4	5.3	0.6	5.9	3.7
4	16.4	25.6	19.5	82.4	18.81	16.5	0.6	19.6	20.2	2.3
5	16.3	25.5	19.4	83.9	18.73	16.5	0.1	19.8	19.9	3.3
6	16.2	26.2	19.4	84.6	19.46	17.1	4.2	0.8	5.0	4.4
7	16.5	22.4	18.9	90.7	20.11	17.6	4.7	6.2	10.9	0.5
8	15.5	25.1	19.5	82.4	18.45	16.3	0.0	0.0	0.0	3.4
9	16.0	25.0	19.3	88.1	19.62	17.2	0.5	0.0	0.5	4.4
10	15.0	26.6	19.9	82.9	19.23	16.9	19.7	0.0	19.7	5.5
11	14.5	27.5	19.9	78.7	18.45	16.2	4.8	0.0	4.8	5.8
12	16.8	26.5	20.7	84.9	20.67	18.0	1.5	0.0	1.5	4.3
13	17.8	27.0	19.3	87.6	19.89	17.4	3.1	0.4	3.5	1.6
14	16.5	25.5	19.2	90.9	20.36	17.8	2.4	0.0	2.4	0.3
15	15.5	26.5	21.5	83.2	20.99	18.2	0.0	0.0	0.0	6.1
16	17.0	26.2	21.0	82.1	20.47	17.9	0.0	5.4	5.4	4.9
17	16.8	25.5	20.1	84.0	19.66	17.2	0.3	0.0	0.3	3.5
18	16.5	26.5	20.1	80.7	18.76	16.5	0.0	0.2	0.2	5.4
19	17.0	25.7	20.2	82.6	19.30	17.0	2.8	0.0	2.8	2.6
20	15.8	26.8	20.1	81.6	19.57	17.2	0.0	0.0	0.0	5.2
21	14.5	26.2	19.9	81.2	19.08	16.7	0.3	4.9	5.2	5.9
22	16.5	26.5	19.2	86.0	19.64	17.2	19.5	0.0	19.5	4.6
23	14.0	26.4	19.3	82.0	18.67	16.4	0.6	5.8	6.4	4.8
24	15.8	26.2	19.2	82.3	18.66	16.4	11.3	0.0	11.3	4.6
25	16.0	23.5	18.9	86.5	18.95	16.6	7.1	36.4	43.5	3.0
26	16.5	25.0	19.6	82.6	18.83	16.6	0.2	0.0	0.2	1.8
27	16.4	26.5	19.9	84.9	19.86	17.4	1.1	0.5	1.6	4.6
28	16.2	25.0	18.6	86.1	18.63	16.4	20.0	19.1	39.1	3.1
29	16.3	23.8	19.8	88.8	20.37	17.8	0.0	7.2	7.2	0.4
30	16.5	26.0	19.8	82.4	19.08	16.8	6.8	9.2	16.0	3.6
31	14.8	25.8	19.3	86.0	19.48	17.1	0.8	0.5	1.3	4.6
PROM	16.1	25.7	19.7	84.3	19.37	17.0	132.8	145.6	278.4	116.7

ESTACION: MARACAY MUNICIPIO: GUIMBAYA AÑO: 1.988

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias lluvias	
ENERO	16.2	26.5	21.0	14.7	28.0	77.2	19.08	16.7	82.2	19	
FEBRERO	16.6	26.5	21.2	14.6	30.5	79.1	19.70	17.2	138.8	16	121.7
MARZO	16.1	28.1	22.3	14.8	31.8	71.6	18.71	16.4	80.6	6	196.7
ABRIL	17.1	25.7	20.9	15.5	28.8	82.2	20.21	17.7	327.9	25	82.9
MAYO	16.7	26.0	20.9	14.0	28.0	80.2	19.85	17.4	252.7	23	
JUNIO	15.4	23.9	19.7	14.0	28.0	79.2	18.18	16.0	191.5	24	122.6
JULIO	16.2	25.9	20.8	14.5	28.2	79.8	19.50	17.1	139.4	19	150.0
AGOSTO	16.2	25.6	20.4	15.0	28.0	83.0	19.88	17.4	248.2	26	124.6
SEPTIEMBRE	16.1	26.0	20.1	14.0	28.8	84.0	19.76	17.3	283.3	25	124.5
OCTUBRE	16.1	25.6	20.0	14.8	29.2	85.1	19.96	17.4	406.6	24	106.9
NOVIEMBRE	16.3	25.6	20.0	14.4	28.2	84.8	19.97	17.5	434.3	24	96.2
DICIEMBRE	16.1	25.7	19.7	14.0	27.5	84.3	19.37	17.0	278.4	28	116.7
PROMEDIO	16.3	25.9	20.6	14.5	28.8	80.9	19.51	17.1			
TOTAL									2863.9	259	

ESTACION: EL AGRADO MUNICIPIO: MONTENEGRO AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-28 N. LONGITUD: 75-49 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.1	29.1	22.4	67.1	18.16	15.9	0.0	0.3	0.3	6.9
2	16.0	29.9	23.0	68.7	18.56	16.3	0.0	0.0	0.0	5.7
3	18.1	29.3	22.8	72.0	19.36	17.0	0.8	0.5	1.3	5.3
4	18.0	29.6	23.2	68.3	18.83	16.6	0.0	0.0	0.0	5.6
5	18.4	29.9	23.4	69.0	18.62	16.4	0.0	0.9	0.9	5.8
6	18.0	28.4	22.9	68.9	18.69	16.4	0.0	0.0	0.0	3.9
7	18.1	29.9	23.6	70.6	19.90	17.4	0.0	0.0	0.0	5.3
8	16.7	29.9	22.8	71.1	18.88	16.6	0.0	0.0	0.0	8.1
9	18.9	28.8	21.6	78.7	20.36	17.8	11.5	0.0	11.5	3.3
10	17.0	30.1	22.7	75.7	20.54	18.0	0.0	0.0	0.0	6.3
11	17.1	28.7	23.1	69.1	18.89	16.6	0.0	0.0	0.0	6.3
12	16.1	30.3	22.9	69.4	18.69	16.4	0.0	0.0	0.0	8.0
13	15.6	28.8	22.7	69.4	18.27	16.1	0.0	0.0	0.0	6.7
14	18.0	28.0	23.2	70.5	19.33	17.0	0.0	2.9	2.9	3.5
15	18.1	27.1	20.9	80.4	19.95	17.5	0.8	38.0	38.8	2.8
16	16.6	27.0	21.1	80.1	19.64	17.2	0.0	0.0	0.0	4.6
17	18.0	27.4	19.5	78.4	17.86	15.7	2.0	2.6	4.6	4.3
18	17.1	27.1	20.8	76.5	18.63	16.4	0.0	5.9	5.9	4.3
19	17.1	27.4	21.3	80.1	20.06	17.5	3.0	0.0	3.0	3.6
20	17.0	29.4	22.9	72.6	19.40	17.0	0.0	0.0	0.0	6.8
21	16.1	28.8	21.8	75.1	19.17	16.8	0.0	0.0	0.0	4.6
22	17.0	29.0	21.6	74.2	18.56	16.3	0.0	0.0	0.0	3.9
23	14.1	28.4	22.4	70.6	18.07	15.9	0.0	0.0	0.0	5.8
24	16.1	28.9	23.1	69.9	18.61	16.4	0.0	0.0	0.0	7.8
25	16.6	30.1	21.2	77.6	18.96	16.6	13.6	0.0	13.6	6.5
26	14.4	29.9	22.1	72.5	18.21	16.0	0.0	0.0	0.0	9.5
27	16.1	28.1	21.9	74.2	18.73	16.4	0.0	0.0	0.0	4.3
28	16.3	29.9	21.8	73.2	18.64	16.4	0.0	0.0	0.0	8.2
29	17.0	24.4	20.3	82.4	19.68	17.3	0.0	0.0	0.0	0.0
30	16.0	28.2	21.6	73.0	18.38	16.2	0.0	0.0	0.0	4.6
31	16.0	29.0	23.0	72.0	19.12	16.8	0.0	0.0	0.0	6.8
PROM.	16.8	28.7	22.2	73.3	18.99	16.7	31.7	51.1	82.8	169.1

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	30.7	22.8	71.9	19.49	17.1	0.0	0.0	0.0	6.3
2	16.8	26.9	21.0	77.2	18.84	16.8	0.0	0.0	0.0	1.4
3	15.9	30.0	21.5	67.9	16.95	14.9	0.0	0.0	0.0	6.2
4	16.6	25.2	20.4	82.0	19.48	17.1	0.0	0.0	0.0	1.4
5	16.0	28.0	21.7	70.8	17.72	15.6	0.0	0.0	0.0	2.9
6	16.8	28.8	21.8	73.8	18.78	16.5	0.0	0.0	0.0	3.8
7	17.1	28.5	22.6	73.7	19.47	17.1	0.0	0.0	0.0	5.3
8	17.0	32.0	21.4	75.7	18.98	16.7	1.1	33.8	34.9	7.3
9	16.4	22.3	19.4	86.0	19.22	16.9	0.6	0.0	0.6	0.0
10	15.2	27.0	20.9	76.3	18.34	16.2	0.0	12.1	12.1	3.3
11	16.0	25.4	20.4	80.7	18.93	16.6	5.7	0.4	6.1	1.1
12	17.2	27.6	22.2	74.3	19.27	16.9	0.0	1.8	1.8	4.7
13	18.1	27.0	22.2	79.8	20.77	18.0	1.0	0.0	1.0	2.2
14	17.6	29.8	23.3	71.2	19.50	17.1	0.0	0.0	0.0	6.0
15	17.1	30.4	24.0	76.9	21.90	18.8	0.0	0.0	0.0	7.8
16	17.0	29.9	23.6	66.6	18.34	16.2	0.0	0.0	0.0	7.3
17	17.1	29.8	21.6	73.6	18.66	16.4	0.0	0.0	0.0	5.1
18	16.0	30.2	22.6	68.0	17.91	15.8	0.0	0.0	0.0	7.8
19	15.0	30.6	22.7	69.3	17.98	15.8	0.0	0.0	0.0	9.0
20	16.0	30.0	22.9	71.7	18.66	16.4	0.0	0.0	0.0	8.3
21	16.0	30.2	23.2	70.3	19.14	16.8	0.0	0.0	0.0	7.1
22	19.0	27.2	22.2	75.2	19.79	17.4	0.0	0.0	0.0	2.3
23	19.1	29.4	23.7	72.1	20.68	18.0	0.4	0.9	1.3	4.1
24	19.0	27.3	22.6	74.8	19.84	17.4	4.7	0.0	4.7	2.4
25	18.0	26.0	22.2	75.6	19.88	17.4	0.0	26.5	26.5	1.7
26	17.4	26.1	20.4	81.4	19.35	17.0	0.0	5.2	5.2	2.7
27	17.0	22.0	19.3	87.3	19.37	17.0	5.2	0.0	5.2	0.0
28	15.2	28.2	21.6	75.0	18.45	16.2	0.0	0.0	0.0	7.0
29	14.8	30.2	22.8	65.8	17.26	15.2	0.0	0.0	0.0	9.0
PROM	16.8	28.2	22.0	74.7	19.07	16.7	18.7	80.7	99.4	135.5

ESTACION: EL AGRADO MUNICIPIO: MONTENEGRO AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-28 N. LONGITUD: 75-49 W.

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.7	29.6	22.7	66.9	17.58	15.9	0.0	0.0	0.0	6.6
2	16.2	29.0	23.3	67.7	18.28	16.1	0.0	0.0	0.0	7.9
3	17.3	30.2	23.0	68.7	18.62	16.3	0.0	0.0	0.0	6.4
4	16.4	30.0	23.3	66.5	18.02	15.9	0.0	0.0	0.0	6.7
5	15.4	30.2	22.8	73.6	19.45	17.0	0.0	0.0	0.0	8.3
6	16.4	30.0	23.1	64.6	17.51	15.4	0.0	0.0	0.0	7.0
7	15.4	30.0	23.1	64.0	17.14	15.1	0.0	0.0	0.0	7.1
8	17.8	29.2	21.5	78.2	20.06	17.5	3.9	25.7	29.6	5.5
9	16.8	22.2	18.5	88.4	19.13	16.8	38.5	2.1	40.6	0.0
10	15.0	29.0	20.9	73.0	17.52	15.4	0.0	0.0	0.0	8.7
11	15.3	30.8	22.4	67.2	17.53	15.4	0.0	0.0	0.0	10.0
12	15.4	30.0	22.3	66.8	17.59	15.5	0.0	0.0	0.0	7.4
13	15.4	30.2	22.9	64.5	17.11	15.1	0.0	0.0	0.0	8.2
14	16.0	30.3	22.8	64.5	16.67	14.6	0.0	0.0	0.0	9.6
15	16.1	30.2	23.6	62.9	17.60	15.6	0.0	0.0	0.0	8.8
16	16.0	27.9	21.8	73.6	18.63	16.3	0.0	0.0	0.0	0.5
17	15.8	28.9	21.8	68.4	16.87	14.8	0.0	0.0	0.0	6.3
18	16.0	30.2	23.4	68.0	18.64	16.4	0.0	0.0	0.0	7.3
19	16.1	31.4	23.7	67.7	18.73	16.5	0.0	0.0	0.0	8.0
20	15.7	31.5	23.1	68.8	18.68	16.4	0.0	0.0	0.0	7.6
21	15.8	33.0	24.2	58.5	16.37	14.4	0.0	0.0	0.0	7.7
22	15.3	31.8	22.8	67.1	17.96	15.8	0.0	0.0	0.0	8.9
23	15.2	30.1	24.0	64.4	17.88	15.7	0.0	0.0	0.0	7.0
24	17.0	31.0	23.4	67.0	18.51	16.3	0.0	0.0	0.0	7.9
25	15.1	31.8	23.1	66.5	18.04	15.9	0.0	0.0	0.0	7.8
26	14.8	27.7	22.6	72.7	19.25	16.9	0.0	0.0	0.0	3.0
27	17.8	27.1	22.3	74.1	19.50	17.1	0.0	0.0	0.0	0.8
28	17.7	30.0	22.7	69.9	19.17	16.8	0.0	0.0	0.0	3.7
29	18.0	28.1	21.1	78.9	19.88	17.4	0.0	0.0	0.0	1.6
30	18.2	29.1	22.7	72.5	19.56	17.1	0.0	0.0	0.0	3.5
31	16.0	31.1	23.3	67.4	18.43	16.2	0.0	1.1	1.1	5.5
PROM.	16.2	29.7	22.7	69.1	18.26	16.0	42.4	28.9	71.3	195.3

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.1	28.0	22.4	74.0	19.59	17.2	0.0	0.0	0.0	3.1
2	18.2	24.6	20.8	81.7	20.10	17.6	0.0	21.8	21.8	0.3
3	17.0	28.8	20.2	79.0	18.65	16.4	25.7	12.5	38.2	3.6
4	16.8	24.2	21.0	80.4	19.65	17.2	0.7	0.0	0.7	0.1
5	17.4	29.9	21.2	79.8	19.96	17.5	42.1	80.2	122.3	5.7
6	16.1	23.4	19.7	87.0	19.72	17.3	1.3	0.0	1.3	0.1
7	17.1	27.2	21.9	74.9	19.11	16.8	0.0	0.2	0.2	1.7
8	17.7	29.2	23.9	71.6	20.46	17.8	0.0	0.0	0.0	5.8
9	18.8	26.4	21.0	83.1	20.79	18.1	5.7	0.2	5.9	1.5
10	17.8	24.6	19.4	82.8	18.99	16.7	23.8	2.7	26.5	0.2
11	16.8	22.0	19.2	87.3	19.33	17.0	0.3	0.0	0.3	0.0
12	16.1	26.3	21.1	80.6	19.79	17.3	0.0	45.8	45.8	1.9
13	16.0	23.2	19.1	84.1	18.60	16.3	10.5	0.0	10.5	0.0
14	15.1	28.0	21.4	75.1	18.37	16.1	0.0	0.0	0.0	7.7
15	16.0	23.4	21.0	79.0	19.38	17.0	1.3	10.9	12.2	0.1
16	16.4	28.0	21.9	77.7	19.68	17.1	0.1	0.5	0.6	5.8
17	17.6	29.6	23.3	69.9	19.19	16.9	0.0	0.0	0.0	5.9
18	17.2	28.0	21.7	76.0	19.69	17.3	0.0	1.1	1.1	4.0
19	17.7	27.6	22.6	75.2	20.12	17.5	0.1	0.0	0.1	4.2
20	17.2	28.0	21.8	76.6	20.02	17.5	4.1	16.4	20.5	2.6
21	16.1	26.1	20.3	81.1	19.15	16.8	0.0	0.0	0.0	1.0
22	17.0	26.3	20.7	79.0	19.22	16.8	1.9	20.9	22.8	3.4
23	16.1	27.4	20.2	79.1	18.84	16.6	1.9	0.0	1.9	4.7
24	15.8	28.9	21.5	75.8	19.49	17.1	5.9	19.4	25.3	6.8
25	17.0	28.6	21.8	75.1	19.20	16.9	0.0	0.0	0.0	6.2
26	16.0	25.3	19.4	80.2	19.85	17.3	8.3	0.1	8.4	0.5
27	16.4	27.1	20.6	81.0	19.48	17.1	3.5	0.0	3.5	5.2
28	16.0	29.0	22.7	71.7	18.81	16.5	0.0	0.0	0.0	7.8
29	16.9	25.5	21.3	82.0	20.60	17.9	0.2	18.6	18.8	0.0
30	15.7	27.6	20.3	79.1	18.54	16.3	14.7	4.1	18.8	4.1
PROM	16.8	26.7	21.1	78.9	19.48	17.1	152.1	255.4	407.5	94.0

ESTACION: EL AGRADO MUNICIPIO: MONTENEGRO AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-28 N. LONGITUD: 75-49 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	26.2	20.8	78.0	19.01	16.7	0.3	3.6	3.9	4.3
2	16.1	25.3	20.7	80.5	19.51	17.1	0.1	0.0	0.1	1.8
3	16.0	27.0	20.7	80.8	19.64	17.2	0.0	0.0	0.0	4.8
4	16.7	24.1	19.9	89.7	20.84	18.2	2.6	0.0	2.6	1.0
5	14.8	28.0	22.4	71.7	18.35	16.1	0.0	0.5	0.5	5.8
6	17.6	28.1	20.7	79.7	19.50	17.1	2.5	0.0	2.5	4.2
7	16.0	27.6	20.7	76.7	18.79	16.5	9.4	0.0	9.4	6.0
8	16.4	28.6	20.3	78.0	18.63	16.4	14.5	3.8	18.3	5.5
9	18.0	29.5	22.3	78.1	20.63	17.9	0.2	0.0	0.2	6.6
10	17.9	27.4	20.8	78.9	19.80	17.4	44.3	0.0	44.3	2.5
11	14.1	27.2	20.4	79.0	18.56	16.3	1.4	0.0	1.4	4.7
12	16.8	27.0	20.9	78.2	19.26	16.9	0.4	0.0	0.4	2.4
13	15.0	27.2	20.5	74.1	17.80	15.7	0.0	2.7	2.7	4.8
14	17.0	26.0	20.1	79.3	18.46	16.2	0.0	0.0	0.0	0.7
15	15.0	28.0	20.4	72.9	16.76	14.7	0.0	0.0	0.0	5.1
16	14.8	29.4	23.1	71.6	19.27	16.9	0.0	0.0	0.0	9.1
17	18.1	28.4	22.9	72.5	19.87	17.4	0.0	7.9	7.9	5.8
18	17.4	26.5	21.2	80.2	19.97	17.5	0.3	0.0	0.3	2.1
19	17.0	27.6	20.8	79.9	19.85	17.4	15.4	17.7	33.1	3.4
20	16.5	25.0	20.3	85.2	20.23	17.7	0.2	0.0	0.2	3.3
21	16.3	27.0	19.7	77.9	17.82	15.7	14.2	0.0	14.2	5.1
22	17.0	28.0	22.9	74.7	20.18	17.6	0.0	0.0	0.0	5.5
23	17.1	27.6	21.3	78.2	19.66	17.2	0.0	0.0	0.0	2.0
24	15.0	27.8	22.1	78.0	19.96	17.4	0.0	0.4	0.4	5.3
25	17.8	27.1	22.3	80.6	21.48	18.6	0.0	1.6	1.6	1.1
26	18.1	25.4	19.9	82.5	19.38	17.0	26.3	0.0	26.3	0.9
27	16.0	26.0	20.7	83.3	19.96	17.4	1.0	47.6	48.6	5.0
28	16.8	25.4	20.7	79.1	19.11	16.8	0.0	0.0	0.0	3.2
29	16.0	29.3	20.7	78.9	19.33	16.9	14.2	3.1	17.3	7.1
30	15.7	26.5	20.6	74.9	17.50	15.4	0.0	0.0	0.0	3.6
31	14.9	25.2	20.0	81.3	18.73	16.5	0.0	1.9	1.9	1.7
PROM.	16.4	27.1	21.0	78.5	19.28	16.9	147.3	90.8	238.1	124.4

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	16.4	26.2	19.9	78.8	18.20	16.0	0.2	30.6	30.8	3.7
2	16.1	27.0	20.3	76.4	17.78	15.6	0.8	1.8	2.6	3.9
3	16.5	23.0	20.0	84.2	19.44	17.1	0.0	0.0	0.0	0.0
4	15.2	28.6	21.4	72.4	18.26	16.0	0.5	0.0	0.5	6.1
5	16.4	29.0	21.8	78.5	20.12	17.6	0.0	0.0	0.0	9.2
6	17.0	27.2	22.0	72.8	19.31	16.9	4.9	0.0	4.9	5.6
7	15.0	28.4	21.4	74.3	18.23	16.0	0.0	0.0	0.0	8.0
8	16.0	26.2	21.6	76.8	19.67	17.2	0.0	0.0	0.0	2.2
9	17.0	27.6	22.0	75.1	19.52	17.1	0.0	0.0	0.0	2.8
10	17.8	28.0	21.6	75.3	19.29	16.9	0.1	0.0	0.1	4.8
11	16.4	27.4	20.9	79.5	19.67	17.2	0.0	0.0	0.0	3.5
12	16.6	26.2	19.8	78.3	18.17	16.0	40.0	17.0	57.0	1.4
13	16.0	26.0	20.3	82.1	19.45	17.1	2.3	32.5	34.8	2.6
14	16.7	25.6	20.4	81.5	19.58	17.2	0.0	1.8	1.8	2.7
15	16.0	28.2	20.4	75.8	18.23	16.0	0.2	0.0	0.2	6.9
16	14.8	23.2	19.1	83.0	18.39	16.2	1.3	2.5	3.8	0.2
17	16.0	24.0	20.3	80.8	18.92	16.6	0.0	0.2	0.2	0.5
18	15.8	23.8	19.0	79.7	17.49	15.3	7.0	8.2	15.2	0.3
19	14.9	25.5	19.8	80.2	18.14	16.0	0.1	0.5	0.6	2.7
20	15.4	28.0	21.6	74.7	19.14	16.8	9.6	0.0	9.6	7.2
21	16.8	28.1	22.7	68.7	18.34	16.1	0.0	0.0	0.0	7.9
22	16.8	27.1	21.3	72.0	18.27	16.1	0.0	32.1	32.1	5.1
23	16.0	26.2	21.0	77.3	18.61	16.3	0.1	3.4	3.5	5.0
24	17.2	25.0	19.2	85.8	19.47	17.1	25.2	5.4	30.6	1.7
25	15.8	22.2	18.5	83.9	17.49	15.4	0.2	0.0	0.2	0.9
26	15.2	25.4	19.5	81.2	18.50	16.3	0.3	0.1	0.4	3.4
27	16.0	27.1	21.1	74.3	18.34	16.1	0.0	0.0	0.0	8.4
28	15.4	26.2	20.2	78.2	18.73	16.5	17.3	0.0	17.3	3.4
29	15.4	27.4	21.0	75.7	18.78	16.5	2.8	5.0	7.8	6.3
30	16.0	26.0	20.8	76.7	18.71	16.4	0.2	0.3	0.5	4.2
PROM	16.1	26.3	20.6	77.8	18.74	16.5	119.1	141.4	260.5	120.6

ESTACION: EL AGRADO MUNICIPIO: MONTENEGRO AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-28 N. LONGITUD: 75-49 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	25.2	21.0	81.1	19.97	17.5	0.7	0.0	0.7	2.2
2	17.0	25.0	19.9	81.2	19.02	16.7	2.9	4.5	7.4	2.9
3	16.8	25.1	20.3	79.7	18.62	16.3	0.2	9.8	10.0	1.4
4	15.7	22.4	19.0	83.1	17.96	15.8	0.0	9.9	9.9	1.1
5	15.8	23.7	19.5	79.0	17.60	15.5	0.2	9.7	9.9	2.6
6	15.5	26.0	19.6	79.4	17.85	15.7	10.1	0.0	10.1	2.9
7	15.0	25.0	19.8	81.3	18.39	16.2	1.7	0.3	2.0	3.0
8	16.2	25.4	20.3	77.7	18.25	16.0	0.1	0.0	0.1	3.7
9	15.8	27.4	21.0	78.1	19.02	16.7	0.0	2.7	2.7	4.7
10	16.0	26.1	21.6	74.9	18.91	16.5	0.0	0.0	0.0	4.5
11	16.5	26.4	20.8	74.8	18.21	16.0	0.1	0.0	0.1	5.2
12	16.0	26.6	19.6	80.4	18.32	16.1	10.4	0.0	10.4	3.7
13	15.5	26.8	20.8	74.6	17.79	15.6	1.9	0.4	2.3	7.9
14	13.2	28.0	21.0	70.4	16.48	14.4	0.0	0.0	0.0	9.0
15	15.2	27.4	21.8	69.7	17.63	15.5	0.0	0.0	0.0	7.5
16	13.5	27.0	21.3	72.3	17.41	15.3	0.0	0.0	0.0	6.6
17	14.9	27.2	21.4	75.3	19.10	16.8	1.2	0.0	1.2	5.7
18	14.6	27.0	20.9	75.4	18.12	16.0	0.1	0.4	0.5	8.0
19	15.4	26.2	20.7	76.3	18.30	16.1	0.0	0.0	0.0	3.9
20	14.8	27.3	21.3	71.8	17.58	15.5	0.0	0.0	0.0	5.5
21	15.7	27.1	21.7	74.0	18.76	16.5	0.0	0.0	0.0	3.8
22	16.4	27.5	21.6	71.8	17.99	15.8	0.0	0.0	0.0	4.3
23	15.8	26.2	20.5	78.9	18.94	16.6	0.0	0.0	0.0	1.9
24	16.0	26.5	20.3	74.5	18.04	15.9	0.3	0.0	0.3	4.9
25	16.4	26.4	21.5	74.4	18.48	16.3	0.2	4.5	4.7	4.6
26	16.0	27.0	21.3	74.9	18.62	16.4	0.0	0.0	0.0	6.8
27	14.8	27.3	21.2	72.1	17.67	15.6	0.0	0.0	0.0	6.3
28	15.0	28.0	23.1	67.7	18.46	16.2	0.0	0.0	0.0	8.4
29	17.2	27.2	20.6	78.4	18.80	16.5	12.6	7.5	20.1	3.3
30	16.3	27.5	20.2	78.9	18.58	16.3	0.2	0.7	0.9	5.9
31	15.8	25.2	19.6	75.4	17.00	14.9	0.1	0.0	0.1	3.3
PROM.	15.7	26.4	20.7	76.0	18.25	16.0	43.0	50.4	93.4	145.5

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	27.2	19.6	76.2	17.24	15.2	33.9	0.7	34.6	4.0
2	14.1	26.2	20.6	80.0	19.01	16.7	0.0	4.2	4.2	2.8
3	16.7	27.1	22.1	77.2	19.78	17.2	0.0	3.9	3.9	5.9
4	16.8	26.5	21.8	76.2	19.50	17.1	1.2	0.0	1.2	4.4
5	16.7	29.0	22.7	69.7	18.34	16.1	0.0	0.0	0.0	6.2
6	15.4	28.6	20.6	76.9	18.22	15.9	2.4	0.1	2.5	8.3
7	15.8	27.0	21.8	75.7	19.38	16.9	2.8	6.8	9.6	5.5
8	17.0	25.4	20.4	79.2	19.00	16.7	0.3	3.8	4.1	2.1
9	16.5	27.5	22.0	74.1	18.96	16.7	0.0	0.0	0.0	6.7
10	16.4	26.2	21.3	72.3	17.76	15.6	6.4	2.2	8.6	2.1
11	15.4	27.2	20.3	77.7	17.98	15.8	0.9	1.6	2.5	6.0
12	13.8	26.6	19.7	78.0	17.41	15.3	0.0	17.5	17.5	4.9
13	16.0	26.3	20.0	76.9	17.68	15.5	0.0	0.0	0.0	5.9
14	16.1	24.0	19.6	82.0	19.06	16.7	0.6	0.0	0.6	0.9
15	15.1	27.2	20.7	77.3	18.48	16.2	3.1	0.6	3.7	6.6
16	15.4	25.5	20.9	77.8	18.55	16.3	1.0	20.4	21.4	5.6
17	16.1	23.8	19.9	82.4	18.87	16.6	7.8	0.0	7.8	1.2
18	14.8	27.1	21.3	72.3	17.60	15.5	0.0	0.0	0.0	7.3
19	15.1	24.8	20.5	80.1	19.07	16.8	4.0	14.3	18.3	3.7
20	16.1	25.0	19.8	78.6	17.71	15.5	2.6	2.5	5.1	2.1
21	16.8	23.8	19.1	81.9	18.06	15.8	0.5	9.7	10.2	1.2
22	15.1	25.2	20.2	77.4	17.79	15.5	1.5	0.0	1.5	3.7
23	14.0	27.5	21.4	70.0	17.21	15.1	0.0	0.0	0.0	8.3
24	17.4	25.5	20.5	77.9	18.75	16.5	9.2	0.0	9.2	3.5
25	15.4	26.0	20.1	74.6	17.12	15.1	0.2	0.0	0.2	3.1
26	16.0	26.2	20.5	74.0	17.51	15.4	2.6	34.8	37.4	3.9
27	15.6	23.8	18.4	81.8	17.25	15.2	1.0	0.0	1.0	2.4
28	16.1	26.6	20.1	75.5	17.46	15.3	9.9	0.0	9.9	3.6
29	14.2	25.0	19.3	80.1	17.84	15.7	0.0	18.0	18.0	3.4
30	15.1	23.2	17.9	78.1	15.95	14.0	8.1	20.6	28.7	1.6
31	15.0	19.0	16.6	88.4	16.76	14.8	22.6	0.0	22.6	0.0
PROM	15.6	25.8	20.3	77.4	18.11	15.9	122.6	161.7	284.3	126.9

ESTACION: EL AGRADO MUNICIPIO: MONTENEGRO AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-28 N. LONGITUD: 75-49 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	14.1	26.1	19.5	73.6	16.55	14.6	0.4	0.0	0.4	3.9
2	15.1	27.0	21.5	74.0	18.34	16.1	0.5	1.1	1.6	5.4
3	16.2	26.4	19.6	77.6	17.67	15.5	0.7	0.0	0.7	4.2
4	14.8	26.0	19.8	81.3	18.67	16.4	3.6	0.0	3.6	6.3
5	15.0	25.8	19.3	84.5	19.34	17.0	2.7	0.0	2.7	4.7
6	12.4	26.9	20.2	78.5	18.09	15.8	0.3	31.2	31.5	6.4
7	15.6	21.2	17.3	89.5	17.48	15.4	21.1	0.0	21.1	0.4
8	13.0	25.4	19.2	74.0	15.72	13.6	0.0	0.0	0.0	2.7
9	15.0	25.2	20.3	72.1	17.12	15.1	0.0	23.7	23.7	4.1
10	15.8	25.0	19.2	82.2	18.29	16.1	0.0	0.0	0.0	2.5
11	16.2	27.0	19.9	77.3	17.71	15.5	4.0	22.1	26.1	4.1
12	16.0	24.2	19.7	76.3	17.24	15.2	0.2	9.5	9.7	1.3
13	15.8	23.2	19.0	81.0	17.68	15.6	4.9	4.9	9.8	0.0
14	15.4	25.0	19.6	79.0	17.72	15.6	0.0	0.0	0.0	1.7
15	13.5	28.6	20.0	73.9	16.98	14.9	0.2	0.0	0.2	7.4
16	13.0	28.8	19.1	76.1	16.48	14.5	53.8	0.0	53.8	8.8
17	15.4	27.5	20.2	76.6	18.13	15.9	0.0	1.9	1.9	4.2
18	16.8	26.8	19.8	76.4	17.80	15.6	22.7	26.0	48.7	3.7
19	16.4	25.2	20.7	79.6	19.02	16.7	0.0	10.8	10.8	1.5
20	16.1	25.5	20.8	77.9	18.92	16.6	0.0	1.4	1.4	4.0
21	17.0	26.1	20.8	75.4	17.98	15.7	0.7	1.9	2.6	4.7
22	16.0	26.4	20.2	77.4	18.28	16.1	0.0	1.5	1.5	4.7
23	16.2	28.2	21.9	67.6	17.36	15.3	0.0	0.0	0.0	6.1
24	16.0	27.5	20.7	76.3	18.05	15.8	1.3	0.0	1.3	6.2
25	15.6	27.4	21.1	76.4	18.71	16.4	0.0	0.0	0.0	5.2
26	17.0	26.4	20.7	77.2	19.12	16.8	0.1	0.0	0.1	2.9
27	14.0	27.2	21.2	73.3	17.71	15.6	0.0	0.0	0.0	6.3
28	15.6	27.8	21.5	73.1	18.62	16.4	0.0	0.0	0.0	6.7
29	15.2	28.4	20.9	76.0	18.26	16.0	10.3	4.1	14.4	4.2
30	16.8	25.0	18.9	85.2	18.91	16.6	24.7	0.0	24.7	1.3
PROM.	15.4	26.2	20.1	77.3	17.93	15.7	152.2	140.1	292.3	125.6

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	16.0	26.4	19.8	78.1	17.88	15.7	14.6	8.5	23.1	2.5
2	15.8	25.0	19.2	79.3	17.37	15.3	0.3	0.8	1.1	1.1
3	17.0	25.4	20.1	77.6	18.03	15.8	25.3	0.0	25.3	2.0
4	16.9	26.0	20.1	79.2	18.77	16.5	0.0	0.0	0.0	3.0
5	14.8	26.2	20.5	78.3	18.31	16.0	6.4	0.0	6.4	3.8
6	17.1	28.0	20.7	79.1	19.22	16.5	0.0	9.9	9.9	5.7
7	17.0	25.8	21.4	82.4	20.67	18.0	0.0	9.9	9.9	1.0
8	17.6	24.0	19.7	87.4	20.32	17.8	26.4	0.0	26.4	0.5
9	16.5	26.4	21.8	82.2	21.09	18.3	0.0	0.0	0.0	4.8
10	15.0	29.0	21.5	78.7	20.26	17.6	0.0	0.0	0.0	6.5
11	16.0	27.0	19.8	86.4	20.38	17.8	6.7	0.1	6.8	3.0
12	17.4	24.0	19.1	88.9	20.07	17.6	4.3	2.5	6.8	0.7
13	16.0	25.5	19.6	84.6	19.08	16.6	0.0	2.1	2.1	1.6
14	16.4	22.0	18.4	91.3	19.56	17.2	8.4	1.2	9.6	0.0
15	16.2	23.4	19.4	88.7	19.87	17.4	0.0	0.0	0.0	0.3
16	15.0	28.0	21.4	82.0	20.46	17.8	0.0	2.4	2.4	6.9
17	17.0	27.8	21.9	80.5	20.61	17.9	0.0	7.1	7.1	4.5
18	16.9	26.0	20.2	85.6	20.23	17.7	0.2	0.0	0.2	3.5
19	17.4	28.2	21.5	79.3	20.01	17.5	0.1	0.0	0.1	6.6
20	15.8	28.8	22.0	77.2	20.18	17.6	0.0	0.0	0.0	9.0
21	16.5	28.6	21.7	78.4	19.95	17.5	0.0	1.9	1.9	4.1
22	16.6	26.8	21.0	83.9	20.59	17.9	0.4	0.0	0.4	2.5
23	14.8	30.0	22.5	77.4	20.84	18.1	0.0	0.0	0.0	8.0
24	16.5	28.4	20.6	79.2	19.70	17.3	21.2	0.0	21.2	5.3
25	17.0	24.4	19.9	86.3	19.98	17.5	0.0	4.1	4.1	1.3
26	16.8	27.2	21.4	80.9	20.17	17.6	0.0	0.0	0.0	5.7
27	16.7	25.4	20.2	85.5	20.26	17.7	6.9	3.4	10.3	0.7
28	17.0	24.6	19.7	87.2	20.25	17.7	10.0	0.0	10.0	0.4
29	17.2	26.0	21.1	83.4	20.69	18.0	0.0	7.8	7.8	2.9
30	17.4	28.0	19.7	80.4	18.99	16.6	52.4	3.6	56.0	5.0
31	15.6	28.2	19.8	79.9	18.29	16.1	22.2	0.3	22.5	6.5
PROM	16.4	26.5	20.5	82.2	19.74	17.3	205.8	65.6	271.4	109.4

ESTACION: EL AGRADO MUNICIPIO: MONTENEGRO AÑO: 1.968

ALTITUD: 1.350 LATITUD: 4-28 N. LONGITUD: 75-49 W.

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.1	26.6	20.1	86.8	20.81	18.2	10.0	0.0	10.0	2.3
2	17.6	24.2	19.3	92.2	21.09	18.3	2.5	3.1	5.6	0.6
3	17.1	27.2	20.8	83.8	20.36	17.8	0.0	0.0	0.0	3.0
4	16.0	28.2	21.6	79.2	20.16	17.6	28.1	6.3	34.4	5.8
5	16.2	28.0	20.1	82.3	19.50	17.1	0.1	0.0	0.1	4.3
6	16.4	26.5	19.8	84.2	19.86	17.4	6.9	0.7	7.6	2.4
7	16.0	26.8	20.3	85.3	20.49	17.9	18.7	9.3	28.0	4.8
8	17.0	27.0	20.9	83.7	20.29	17.7	0.0	0.0	0.0	2.6
9	18.0	25.0	19.6	91.0	21.10	18.3	1.8	4.0	5.8	1.9
10	17.6	25.2	19.8	87.4	20.57	18.0	15.3	16.7	32.0	1.4
11	17.0	25.0	20.0	87.9	20.61	18.0	1.2	0.9	2.1	0.9
12	16.8	27.2	20.2	86.0	20.12	17.5	17.6	23.1	40.7	3.1
13	16.0	25.0	19.9	84.9	19.53	17.1	9.5	0.0	9.5	1.9
14	17.0	26.4	20.9	84.3	20.65	18.0	4.1	5.9	10.0	3.7
15	16.0	27.2	20.5	86.2	20.79	18.1	0.0	12.8	12.8	4.6
16	16.4	25.0	19.6	84.1	19.18	16.9	0.1	8.1	8.2	1.2
17	16.6	24.6	20.4	85.1	20.20	17.7	0.0	0.0	0.0	1.8
18	14.8	27.0	20.1	80.9	18.84	16.6	0.0	1.2	1.2	4.8
19	16.8	27.2	20.9	83.7	20.55	17.9	0.0	0.0	0.0	5.6
20	15.2	27.0	19.9	84.5	19.78	17.3	3.0	0.0	3.0	5.4
21	17.0	27.2	20.9	82.1	20.10	17.6	0.0	10.3	10.3	5.3
22	17.2	25.5	19.6	89.0	20.54	17.9	3.6	0.5	4.1	1.3
23	15.4	28.0	20.8	82.6	20.20	17.7	0.0	0.0	0.0	8.0
24	16.4	26.8	19.7	84.5	19.88	17.4	20.2	0.0	20.2	1.7
25	16.0	28.2	20.6	83.3	20.14	17.6	0.0	26.7	26.7	3.7
26	16.8	26.8	20.6	86.9	21.03	18.3	0.0	0.6	0.6	4.0
27	16.0	27.8	21.0	83.7	20.68	18.0	2.0	0.0	2.0	5.0
28	17.5	27.0	20.7	81.7	20.08	17.6	16.9	1.3	18.2	1.9
29	17.3	27.2	20.0	86.7	20.63	18.0	21.9	0.6	22.5	3.8
30	17.5	27.4	20.3	85.2	20.46	17.9	2.3	11.7	14.0	6.2
PROM.	16.6	26.6	20.3	85.0	20.27	17.7	185.8	143.8	329.6	103.0

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	17.0	26.2	19.5	86.0	19.98	17.5	19.8	4.1	23.9	2.0
2	16.0	26.0	19.8	82.7	18.84	16.6	0.0	13.6	13.6	5.6
3	16.5	25.4	19.3	85.7	19.29	16.9	15.1	0.6	15.7	3.4
4	16.0	26.6	19.8	83.2	19.08	16.7	0.0	9.7	9.7	3.3
5	16.6	26.4	20.0	86.3	19.97	17.5	0.2	0.0	0.2	3.5
6	16.4	25.8	20.5	82.5	19.70	17.3	0.0	0.0	0.0	2.4
7	17.0	23.0	19.2	89.3	20.19	17.7	0.3	24.2	24.5	0.0
8	16.8	26.2	19.5	82.9	18.71	16.5	4.8	0.1	4.9	3.7
9	15.4	24.4	19.8	85.7	19.79	17.3	0.7	0.0	0.7	3.7
10	15.2	26.0	20.3	83.8	19.63	17.2	0.4	0.0	0.4	6.2
11	15.6	26.5	19.7	84.2	19.42	17.0	7.5	0.0	7.5	6.0
12	15.8	28.2	21.9	79.3	20.49	17.9	0.0	2.7	2.7	5.5
13	17.8	25.5	20.7	86.2	21.42	18.6	0.1	1.4	1.5	2.0
14	17.4	25.0	19.8	87.1	20.58	17.9	0.1	0.0	0.1	0.5
15	15.8	27.8	21.9	80.2	20.44	17.8	0.0	0.0	0.0	6.0
16	16.8	27.5	21.1	81.3	20.35	17.8	0.3	0.7	1.0	5.6
17	17.0	26.5	20.4	86.1	20.63	18.0	0.0	0.0	0.0	4.3
18	16.5	27.5	20.1	78.9	18.75	16.8	0.0	2.5	2.5	6.4
19	17.0	27.3	21.3	80.7	20.08	17.6	1.3	0.0	1.3	3.7
20	16.0	28.0	20.9	78.5	19.34	17.0	0.0	0.0	0.0	5.8
21	13.8	27.5	20.9	78.7	18.82	16.4	0.0	0.3	0.3	4.6
22	17.0	27.0	19.0	85.1	18.93	16.6	3.6	0.1	3.7	3.9
23	13.0	27.8	20.6	82.8	19.57	17.1	0.0	0.5	0.5	5.6
24	15.0	26.8	19.5	82.9	18.89	16.6	1.2	0.2	1.4	5.1
25	14.8	26.2	19.6	87.3	20.21	17.7	2.0	1.5	3.5	3.9
26	16.4	25.8	21.1	86.3	21.49	18.6	0.0	0.0	0.0	2.5
27	16.5	28.0	19.8	84.8	19.71	17.3	34.3	1.5	35.8	4.2
28	17.0	26.0	19.0	86.0	19.32	16.9	13.8	7.2	21.0	3.1
29	16.8	25.0	20.2	85.3	19.86	17.4	11.3	0.0	11.3	1.9
30	17.0	26.5	19.7	84.1	19.36	17.0	8.0	4.6	12.6	3.8
31	15.0	27.5	18.7	82.7	17.88	15.7	42.4	1.3	43.7	4.1
PROM	16.2	26.4	20.1	83.8	19.70	17.2	167.2	76.8	244.0	122.3

ESTACION: EL AGRADO MUNICIPIO: MONTENEGRO AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-28 N. LONGITUD: 75-49 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.8	28.7	22.2	14.1	30.3	73.3	18.99	16.7	82.8	10	169.1
FEBRERO	16.8	28.2	22.0	14.8	32.0	74.7	19.07	16.7	99.4	11	133.5
MARZO	16.2	29.7	22.7	14.8	33.0	69.1	18.26	16.0	71.3	3	195.3
ABRIL	16.8	26.7	21.1	15.1	29.9	78.9	19.48	17.1	407.5	23	94.0
MAYO	16.4	27.1	21.0	14.1	29.5	78.5	19.28	16.9	238.1	23	124.4
JUNIO	16.1	26.3	20.6	14.8	29.0	77.8	18.74	16.5	260.5	22	120.6
JULIO	15.7	26.4	20.7	13.2	28.0	76.0	18.25	16.0	93.4	19	145.5
AGOSTO	15.6	25.8	20.3	13.8	29.0	77.4	18.11	15.9	284.3	26	126.9
SEPTIEMBRE	15.4	26.2	20.1	12.4	28.8	77.3	17.93	15.7	292.3	23	125.6
OCTUBRE	16.4	26.5	20.5	14.8	30.0	82.2	19.74	17.3	271.4	24	109.4
NOVIEMBRE	16.6	26.6	20.3	14.8	28.2	85.0	20.27	17.7	329.6	25	103.0
DICIEMBRE	16.2	26.4	20.1	13.0	28.2	83.8	19.70	17.2	244.0	26	122.3
PROMEDIO	16.3	27.1	21.0	14.1	29.7	77.8	18.99	16.6			
TOTAL									2674.6	235	1569.6

ESTACION: LA EELLA MUNICIPIO: CALARCA AÑO: 1.988

ALTITUD: 1.450 LATITUD: 4-31 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	17.2	28.6	22.3	73.6	19.00	16.7	0.0	0.1	0.1	6.4
2	15.9	27.5	21.9	73.9	18.88	16.6	0.9	0.0	0.9	5.2
3	17.8	27.3	22.0	72.3	18.60	16.3	0.0	0.0	0.0	6.6
4	17.5	27.8	23.3	78.7	21.82	18.8	0.0	0.0	0.0	4.1
5	16.8	28.4	22.3	79.2	20.72	17.9	0.0	10.3	10.3	
6	18.4	27.6	22.9	74.8	20.36	17.8	0.0	0.0	0.0	6.5
7	17.8	28.5	22.5	77.7	20.74	18.1	0.0	0.0	0.0	5.8
8	17.7	29.2	22.7	74.3	20.16	17.6	0.0	0.0	0.0	6.4
9	17.4	28.4	23.1	76.1	21.11	18.4	0.0	0.0	0.0	4.8
10	17.5	28.2	23.2	72.0	19.86	17.4	0.0	0.0	0.0	5.6
11	17.5	29.0	22.6	72.7	19.38	17.0	0.0	0.0	0.0	6.6
12	16.4	29.2	21.9	72.9	18.69	16.4	0.0	0.0	0.0	7.6
13	15.6	27.5	22.0	69.6	17.75	15.6	0.0	0.0	0.0	5.8
14	18.0	27.1	22.3	78.4	20.61	18.0	0.0	0.0	0.0	3.8
15	18.2	25.5	20.7	84.3	20.51	17.9	1.0	11.8	12.8	2.1
16	16.7	26.2	21.3	78.2	19.22	16.9	0.0	0.5	0.5	1.7
17	17.2	25.3	21.3	80.9	20.26	17.7	6.6	1.3	7.9	3.9
18	17.0	27.0	21.5	80.0	19.93	17.4	0.0	0.0	0.0	2.9
19	17.5	26.0	20.6	82.3	19.69	17.2	2.6	0.0	2.6	3.1
20	17.0	28.0	22.6	78.0	20.86	18.0	0.0	3.0	3.0	4.5
21	17.4	28.6	22.0	74.4	19.21	16.9	0.0	0.0	0.0	5.4
22	16.5	26.8	22.9	68.9	18.38	16.2	0.0	0.0	0.0	3.6
23	15.4	27.5	21.9	72.5	18.04	15.9	0.0	0.0	0.0	4.6
24	15.6	27.9	22.0	72.7	18.00	15.8	0.0	0.0	0.0	5.2
25	17.0	29.5	22.3	75.2	19.47	17.0	0.0	0.0	0.0	5.2
26	16.0	28.8	23.1	70.9	19.05	16.7	0.0	0.0	0.0	7.6
27	16.6	26.5	21.7	75.8	19.07	16.7	0.0	0.0	0.0	2.0
28	17.0	29.0	22.2	75.4	19.81	17.4	0.0	0.0	0.0	6.5
29	17.8	24.2	19.7	82.9	19.30	16.9	3.0	0.0	3.0	0.0
30	15.8	26.7	21.0	72.4	17.64	15.5	0.0	0.0	0.0	4.1
31	16.7	27.8	21.8	75.0	18.99	16.6	0.0	0.0	0.0	6.6
PROM.	17.0	27.6	22.1	75.7	19.52	17.1	14.1	27.0	41.1	

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	17.4	30.2	23.1	75.3	20.40	17.8	0.0	0.0	0.0	5.8
2	17.5	26.0	22.1	78.0	20.33	17.7	0.0	0.0	0.0	1.7
3	16.4	28.0	21.3	75.7	18.87	16.6	0.0	0.0	0.0	3.6
4	17.8	24.5	20.6	82.9	19.81	17.4	0.0	0.0	0.0	0.5
5	17.0	26.4	21.6	72.9	18.40	16.2	0.0	0.0	0.0	1.9
6	16.8	26.5	21.7	79.3	20.16	17.6	0.0	0.0	0.0	2.6
7	17.8	27.6	23.0	73.9	20.16	17.6	0.0	0.0	0.0	4.3
8	17.0	31.0	21.7	79.9	20.35	17.7	2.2	5.9	8.1	7.4
9	17.6	22.4	19.9	91.6	21.18	18.4	4.2	0.0	4.2	0.0
10	16.5	26.4	21.5	77.9	19.04	16.7	0.0	10.1	10.1	2.1
11	16.4	26.0	19.9	83.6	19.14	16.8	7.1	0.0	7.1	1.6
12	17.0	26.5	22.2	74.3	19.03	16.7	0.0	0.0	0.0	4.1
13	18.2	26.0	22.2	77.5	20.44	17.8	0.0	0.0	0.0	0.2
14	16.8	27.3	22.3	73.9	19.39	17.0	0.0	0.0	0.0	5.1
15	17.6	29.0	22.7	73.5	19.64	17.1	0.0	0.0	0.0	5.3
16	17.4	29.2	23.2	76.1	20.78	18.1	0.0	0.0	0.0	6.1
17	18.0	27.9	22.5	74.9	19.98	17.5	0.0	0.0	0.0	3.5
18	15.5	29.4	23.0	77.8	21.00	18.1	0.0	0.0	0.0	7.0
19	16.0	29.2	22.9	71.4	19.04	16.7	0.0	0.0	0.0	8.0
20	16.5	29.0	22.6	71.2	18.73	16.5	0.0	0.0	0.0	7.4
21	16.3	28.6	23.6	70.0	19.68	17.3	0.0	0.0	0.0	7.0
22	18.8	26.2	22.6	83.3	22.29	19.2	0.0	0.0	0.0	1.0
23	19.0	28.2	23.0	80.9	22.17	19.1	4.9	29.4	34.3	2.5
24	18.5	25.0	22.0	83.5	21.68	18.8	0.2	0.0	0.2	1.1
25	18.0	24.4	21.8	78.6	20.17	17.6	0.0	21.5	21.5	0.9
26	17.8	25.3	20.0	82.0	18.91	16.9	1.6	3.2	4.8	3.1
27	17.2	21.8	19.2	84.8	18.76	16.4	8.9	0.0	8.9	0.1
28	15.7	27.8	21.4	73.3	17.93	15.8	0.0	0.0	0.0	6.4
29	15.0	29.0	22.5	70.4	18.53	16.3	0.0	0.0	0.0	8.6
PROM	17.2	27.1	21.9	77.5	19.86	17.3	29.1	70.1	99.2	108.9

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.968

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	16.6	28.8	22.7	70.1	18.70	16.4	0.0	0.0	0.0	4.5
2	16.8	27.0	22.8	75.3	19.89	17.4	0.0	0.0	0.0	6.4
3	16.8	28.0	23.0	72.0	19.31	16.9	0.0	0.0	0.0	6.2
4	17.0	29.0	23.0	71.3	19.09	16.8	0.0	0.0	0.0	6.8
5	15.5	28.0	22.7	73.8	19.51	17.0	0.0	0.0	0.0	5.7
6	16.0	28.2	23.2	70.6	19.55	17.1	0.0	0.0	0.0	6.0
7	16.0	28.2	22.3	72.1	18.81	16.5	0.0	0.0	0.0	7.3
8	17.8	26.5	21.2	80.5	20.20	17.6	1.5	57.3	58.8	2.6
9	17.0	21.4	18.8	93.5	20.30	17.7	46.2	3.0	49.2	0.0
10	16.2	27.5	22.5	79.0	20.42	17.7	0.0	0.0	0.0	8.4
11	15.8	29.0	23.1	64.5	16.79	14.6	0.0	0.0	0.0	10.2
12	17.0	28.2	22.7	67.0	17.70	15.6	0.0	0.0	0.0	7.3
13	16.0	28.5	22.7	66.7	17.77	15.7	0.0	0.0	0.0	8.4
14	15.0	29.4	22.4	70.1	17.97	15.8	0.0	0.0	0.0	9.7
15	15.0	28.8	21.9	73.6	18.88	16.6	0.3	0.0	0.3	8.1
16	16.0	25.5	21.7	77.7	19.45	17.0	0.0	0.0	0.0	0.9
17	15.8	28.0	22.4	72.5	18.73	16.5	0.0	0.0	0.0	5.8
18	16.0	28.5	23.2	72.8	19.33	17.0	0.0	0.0	0.0	6.2
19	16.0	29.0	24.0	68.9	19.12	16.8	0.0	0.0	0.0	7.8
20	16.2	30.6	24.4	52.9	14.68	12.5	0.0	0.0	0.0	6.5
21	18.5	33.2	27.2	45.8	14.49	12.2	0.0	0.0	0.0	7.6
22	16.6	30.2	23.5	70.5	19.62	17.2	0.0	0.0	0.0	7.9
23	16.8	29.0	23.5	70.9	19.46	17.1	0.0	0.0	0.0	6.0
24	17.8	29.8	23.8	68.7	19.14	16.8	0.0	0.0	0.0	8.4
25	15.8	29.0	23.9	66.2	18.61	16.4	0.0	0.0	0.0	9.2
26	16.6	25.2	21.1	79.5	19.65	17.2	0.0	0.0	0.0	1.9
27	17.6	24.9	22.9	75.8	20.54	17.9	0.0	0.0	0.0	0.6
28	17.6	27.0	22.2	79.7	21.01	18.3	0.0	0.0	0.0	3.4
29	18.0	27.2	21.7	81.7	21.01	18.2	0.0	0.0	0.0	1.2
30	18.6	26.4	22.8	77.5	21.15	18.4	0.0	0.0	0.0	1.7
31	16.7	29.6	23.0	71.1	19.34	17.0	0.0	0.0	0.0	6.0
PROM.	16.6	28.1	22.8	72.0	19.04	16.6	48.0	60.3	108.3	178.7

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.4	27.4	22.4	78.7	20.89	18.2	0.0	0.0	0.0	1.8
2	18.6	22.6	20.5	91.5	22.18	19.2	0.6	14.3	14.9	0.8
3	17.8	27.0	21.0	77.5	19.32	16.9	0.0	29.1	29.1	1.8
4	17.0	23.8	21.0	84.8	20.67	18.0	0.0	0.0	0.0	0.3
5	18.0	28.0	22.7	74.4	20.18	17.7	0.2	47.8	48.0	4.0
6	17.5	21.8	19.8	91.9	21.03	18.3	2.6	0.0	2.6	0.0
7	18.0	24.6	21.3	79.7	19.75	17.3	0.0	0.0	0.0	0.5
8	18.6	27.6	23.1	76.6	21.01	18.2	0.0	0.0	0.0	3.3
9	19.7	25.2	21.6	84.7	21.86	18.9	0.7	0.4	1.1	1.1
10	18.6	22.4	19.3	95.2	21.51	18.7	15.4	2.6	18.0	0.1
11	16.8	22.2	19.9	92.4	21.31	18.5	0.7	0.0	0.7	0.0
12	17.8	25.0	21.2	75.2	18.54	16.3	1.1	69.2	70.3	1.1
13	16.5	21.5	19.2	89.8	19.78	17.3	1.2	0.0	1.2	0.0
14	16.0	27.4	21.2	81.7	20.25	17.7	0.0	0.0	0.0	6.1
15	16.8	24.5	20.0	90.8	20.69	18.0	21.2	38.0	59.2	0.3
16	17.0	26.8	21.4	71.4	17.52	15.4	0.0	0.6	0.6	4.3
17	18.0	27.4	22.9	73.3	19.86	17.4	0.0	0.7	0.7	6.0
18	17.0	26.5	21.9	79.4	20.51	17.9	0.4	19.0	19.4	2.2
19	18.0	26.4	22.3	78.2	20.59	17.9	0.0	0.0	0.0	3.1
20	17.8	26.0	21.5	81.3	21.06	18.3	10.4	33.6	44.0	2.3
21	17.0	25.4	21.0	82.8	20.31	17.7	0.6	0.0	0.6	0.5
22	16.6	25.0	20.7	76.4	18.53	16.3	0.0	3.6	3.6	2.2
23	16.8	25.4	20.7	80.7	19.64	17.2	0.0	0.0	0.0	2.4
24	17.0	26.2	20.9	78.6	19.73	17.3	0.0	0.2	0.2	3.5
25	17.0	27.8	22.4	72.7	19.25	16.9	0.0	0.0	0.0	6.0
26	17.8	24.5	20.4	85.8	20.83	18.2	1.0	0.1	1.1	0.7
27	17.5	26.4	20.9	82.6	20.19	17.7	0.0	0.0	0.0	4.0
28	16.0	27.3	22.1	72.1	18.55	16.3	0.0	0.0	0.0	7.3
29	17.4	23.4	20.8	83.2	19.86	17.4	11.3	13.4	24.7	0.3
30	16.5	24.6	20.4	79.8	18.76	16.5	1.7	7.0	8.7	3.6
PROM	17.5	25.3	21.2	81.5	20.14	17.6	69.1	279.6	348.7	69.6

ESTACION: LA EELLA MUNICIPIO: CALARCA AÑO: 1.988

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	16.8	23.6	19.4	81.7	18.59	16.3	0.8	2.3	3.1	2.7
2	15.5	24.0	20.7	85.5	20.67	18.0	1.7	0.0	1.7	0.3
3	17.0	27.4	21.1	89.8	22.42	19.3	5.7	0.0	5.7	5.0
4	17.8	22.8	20.2	88.0	20.83	18.2	1.3	0.0	1.3	0.7
5	15.0	25.8	22.0	74.4	18.78	16.5	0.0	0.0	0.0	6.4
6	17.8	26.5	21.6	81.9	20.92	18.2	0.1	0.0	0.1	3.8
7	16.5	26.4	20.9	78.0	19.41	17.0	0.0	0.0	0.0	5.5
8	17.0	26.0	21.0	80.8	20.01	17.5	0.0	0.0	0.0	3.7
9	18.0	28.0	23.1	79.2	21.95	19.0	0.0	0.1	0.1	3.3
10	19.5	26.5	21.6	86.1	22.66	19.5	0.1	0.0	0.1	1.4
11	16.4	27.5	21.8	82.5	21.27	18.5	0.1	0.0	0.1	4.2
12	18.8	26.4	21.9	82.1	21.69	18.8	0.0	0.0	0.0	1.2
13	16.8	26.5	21.8	80.3	20.77	18.1	0.0	0.1	0.1	3.6
14	18.5	26.2	21.0	85.4	21.25	18.5	0.0	0.0	0.0	0.0
15	16.4	26.4	21.2	82.1	20.49	17.8	1.0	0.0	1.0	2.9
16	15.8	29.2	25.0	70.2	21.34	18.5	0.0	0.0	0.0	7.9
17	19.0	27.8	24.1	76.8	22.33	19.3	0.0	0.1	0.1	3.0
18	19.5	26.6	22.8	79.8	21.90	19.0	0.0	0.0	0.0	1.4
19	18.0	26.5	22.7	79.0	21.39	18.6	0.0	0.0	0.0	1.9
20	18.6	24.5	20.8	91.2	22.47	19.4	0.2	0.0	0.2	1.6
21	16.0	26.0	19.9	86.5	20.55	17.9	0.6	0.0	0.6	3.9
22	17.0	27.0	22.6	78.2	20.73	18.1	0.0	0.0	0.0	3.4
23	17.0	25.5	21.2	85.1	21.56	18.7	0.0	0.0	0.0	1.1
24	16.0	26.0	21.1	80.7	19.86	17.4	0.0	0.4	0.4	3.4
25	18.0	25.0	22.2	85.3	22.62	19.5	0.0	2.2	2.2	0.4
26	18.0	24.9	19.9	87.7	20.81	18.1	1.0	1.5	2.5	0.7
27	15.5	24.8	20.0	90.9	21.00	18.3	4.8	38.4	43.2	4.1
28	16.5	24.7	19.7	84.4	19.42	17.1	0.0	0.0	0.0	1.2
29	16.0	27.8	19.9	81.4	19.12	16.8	22.8	5.0	27.8	4.5
30	15.6	24.7	20.7	74.1	17.71	15.6	0.0	0.0	0.0	2.3
31	15.5	23.8	20.2	86.8	20.33	17.7	0.1	4.7	4.8	1.0
PROM.	17.1	26.0	21.4	82.5	20.80	18.1	40.3	54.8	95.1	86.5

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	23.8	20.7	84.4	20.13	17.6	0.8	3.1	3.9	1.3
2	16.0	25.8	20.0	84.5	19.50	17.1	1.9	2.8	4.7	2.4
3	16.2	23.7	20.0	92.0	21.22	18.4	0.0	0.0	0.0	0.0
4	15.0	26.4	20.8	78.0	19.26	16.9	0.1	0.0	0.1	4.6
5	16.5	28.4	22.8	78.6	21.03	18.3	0.0	0.0	0.0	6.8
6	16.5	25.4	20.3	82.7	19.91	17.4	0.0	0.0	0.0	5.6
7	16.0	27.0	21.5	75.7	19.33	17.0	0.0	0.0	0.0	6.6
8	16.0	25.0	21.8	82.5	21.17	18.4	0.0	0.0	0.0	2.1
9	17.0	25.8	21.3	86.6	21.72	18.8	0.0	0.0	0.0	1.8
10	17.5	26.0	21.5	83.5	21.24	18.4	0.0	0.0	0.0	2.4
11	16.5	25.0	19.6	86.9	20.08	17.5	7.7	0.0	7.7	2.1
12	16.5	24.6	20.0	82.0	19.48	17.1	0.3	2.0	2.3	0.6
13	16.5	24.5	19.5	86.9	19.94	17.5	0.0	0.2	0.2	2.3
14	16.8	23.5	19.5	90.0	20.50	17.9	1.1	0.1	1.2	1.9
15	15.5	26.4	20.3	82.6	19.78	17.3	4.2	0.0	4.2	5.4
16	15.0	21.0	18.1	94.6	19.92	17.4	8.9	2.9	11.8	1.2
17	15.5	22.5	19.4	84.5	18.64	16.4	0.0	8.5	8.5	1.1
18	16.5	21.5	18.6	89.6	19.24	16.9	0.2	10.7	10.9	0.2
19	15.5	23.5	20.1	83.0	19.39	17.0	0.2	0.2	0.4	1.5
20	15.0	26.8	21.6	76.1	19.13	16.8	0.0	0.0	0.0	5.4
21	16.5	27.8	21.8	78.6	20.07	17.5	0.0	0.0	0.0	5.3
22	16.5	25.4	20.5	81.7	19.74	17.3	0.0	14.0	14.0	4.4
23	16.0	23.7	20.3	84.6	19.89	17.4	0.0	7.2	7.2	3.2
24	16.5	23.4	19.6	89.4	20.03	17.5	31.1	19.9	51.0	1.7
25	16.0	21.8	18.5	91.1	19.22	16.9	13.1	0.0	13.1	1.8
26	15.5	23.8	19.4	84.0	19.16	16.8	0.0	0.0	0.0	3.9
27	15.0	26.3	21.8	77.3	19.29	16.9	0.0	0.0	0.0	6.0
28	16.0	24.6	19.8	85.2	19.43	17.0	1.6	0.2	1.8	2.1
29	15.5	25.3	20.0	81.6	18.88	16.5	0.0	3.9	3.9	5.2
30	16.0	25.2	19.5	80.8	18.34	16.1	0.2	0.9	1.1	3.5
PROM	16.1	24.8	20.3	84.0	19.82	17.3	71.4	78.6	148.0	92.4

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.988

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	24.0	21.0	83.6	20.36	17.8	0.0	0.0	0.0	2.2
2	17.5	23.5	19.5	85.4	19.47	17.1	1.8	0.5	2.3	1.4
3	16.8	23.2	19.6	88.4	20.16	17.6	0.4	13.3	13.7	0.8
4	15.5	23.9	18.9	86.8	18.78	16.5	1.0	6.9	7.9	0.1
5	16.0	23.0	18.7	86.2	18.29	16.1	0.0	10.1	10.1	1.6
6	16.5	23.5	19.5	84.5	18.86	16.6	0.7	0.0	0.7	1.4
7	15.8	23.5	18.4	86.6	18.28	16.1	3.6	1.4	5.0	1.3
8	16.5	24.7	20.6	86.2	20.80	18.1	0.9	0.0	0.9	3.3
9	16.7	25.8	21.5	82.5	20.86	18.2	0.0	0.0	0.0	3.2
10	15.8	26.7	20.6	81.4	19.61	17.2	0.0	0.0	0.0	2.3
11	16.6	25.5	21.1	80.2	19.62	17.2	0.0	0.0	0.0	5.0
12	17.0	25.5	20.9	82.0	19.94	17.5	0.0	0.0	0.0	3.1
13	16.0	27.3	21.5	70.8	17.34	15.2	0.0	0.0	0.0	6.6
14	14.0	27.6	21.1	74.4	18.16	16.0	0.0	0.0	0.0	8.2
15	16.0	27.0	21.9	72.6	18.23	16.0	0.0	0.0	0.0	8.7
16	14.5	26.9	22.1	76.0	19.41	17.0	0.0	0.0	0.0	6.8
17	15.8	27.0	22.4	80.5	21.49	18.7	0.0	0.0	0.0	5.1
18	15.0	25.7	20.8	81.7	19.55	17.1	0.1	0.0	0.1	5.9
19	16.5	24.9	21.2	83.1	20.57	17.9	0.0	0.0	0.0	2.8
20	15.8	27.4	21.4	77.1	19.35	17.0	0.0	0.0	0.0	5.7
21	16.0	25.8	21.5	81.7	20.52	17.9	0.0	0.0	0.0	2.7
22	17.0	25.6	22.0	78.8	20.38	17.8	0.0	0.0	0.0	4.3
23	16.0	25.8	21.3	81.9	20.37	17.8	0.0	0.0	0.0	1.4
24	16.5	24.0	20.7	83.4	20.28	17.7	0.7	0.2	0.9	2.4
25	17.0	25.4	21.2	79.5	19.79	17.3	0.4	1.9	2.3	3.7
26	18.0	27.0	22.0	81.1	20.93	18.2	0.0	0.0	0.0	5.9
27	15.0	27.2	21.1	78.4	19.03	16.7	0.0	0.0	0.0	4.9
28	15.5	27.6	22.7	76.8	20.40	17.8	0.0	0.0	0.0	7.5
29	17.5	26.6	20.5	83.3	20.21	17.7	0.4	0.3	0.7	2.7
30	17.5	26.0	20.1	81.8	19.22	16.8	0.4	0.1	0.5	2.3
31	17.0	25.0	19.5	82.4	18.89	16.6	0.0	0.0	0.0	1.7
PROM.	16.3	25.6	20.8	81.3	19.65	17.2	10.4	34.7	45.1	115.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	27.6	19.9	80.2	18.31	16.1	1.3	0.1	1.4	3.7
2	14.5	24.4	20.0	85.3	19.57	17.1	0.9	5.7	6.6	0.9
3	16.8	25.2	21.2	83.4	20.49	17.9	0.0	0.0	0.0	3.7
4	18.0	26.0	21.8	78.5	20.13	17.6	0.0	0.0	0.0	4.4
5	17.0	28.0	22.3	75.9	19.77	17.3	0.0	0.0	0.0	5.2
6	16.8	27.5	21.4	78.5	19.69	17.3	0.0	0.0	0.0	6.7
7	16.6	26.0	21.2	83.5	21.03	18.3	0.1	10.2	10.3	5.2
8	17.0	23.9	20.4	82.4	19.53	17.1	0.1	6.8	6.9	1.3
9	16.0	26.8	22.2	78.8	20.42	17.8	0.0	0.0	0.0	4.3
10	16.4	25.6	21.1	83.0	20.63	18.0	0.1	19.0	19.1	3.5
11	16.0	26.2	20.2	82.2	19.33	16.9	15.3	0.2	15.5	5.0
12	15.0	24.4	19.6	84.5	19.25	16.9	1.6	14.4	16.0	4.8
13	16.4	26.4	21.3	79.5	19.71	17.3	0.0	0.0	0.0	5.9
14	16.8	23.2	20.3	85.1	20.15	17.6	1.9	0.0	1.9	0.4
15	15.5	24.7	19.3	85.6	19.24	16.9	5.0	1.3	6.3	4.3
16	15.8	25.4	20.6	82.2	19.58	17.2	0.0	0.2	0.2	4.0
17	16.8	23.4	19.6	87.5	19.77	17.3	2.8	0.0	2.8	1.3
18	14.8	26.8	21.4	75.3	18.66	16.4	0.3	4.5	4.8	7.0
19	16.5	25.0	20.2	87.3	20.49	17.9	0.0	21.4	21.4	3.0
20	16.8	23.4	19.9	84.4	19.16	16.8	3.4	1.7	5.1	0.4
21	17.0	23.0	19.6	87.8	19.80	17.4	0.9	27.4	28.3	1.2
22	15.0	23.7	18.9	84.3	18.06	15.9	3.6	0.0	3.6	1.4
23	14.5	26.6	21.4	75.4	18.57	16.3	0.0	0.4	0.4	7.9
24	17.5	24.4	20.2	87.0	20.80	18.1	0.0	0.0	0.0	3.4
25	16.0	24.5	19.6	83.6	19.05	16.8	0.2	0.0	0.2	2.2
26	16.4	25.2	20.0	85.0	19.91	17.5	12.8	11.3	24.1	2.5
27	16.4	22.5	18.9	89.5	19.43	17.1	1.8	0.0	1.8	0.8
28	16.5	25.6	20.0	81.8	19.18	16.8	14.4	0.0	14.4	3.2
29	15.5	23.5	19.3	86.2	19.19	16.8	0.9	27.0	27.9	2.9
30	15.6	20.0	16.9	88.2	16.97	14.9	18.2	15.4	33.6	0.0
31	16.0	17.0	15.7	94.7	17.22	15.2	16.5	0.0	16.5	0.0
PROM	16.2	24.7	20.1	83.4	19.46	17.0	102.1	167.0	269.1	100.5

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.988

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	25.5	19.2	81.4	18.10	15.9	1.9	0.9	2.8	5.0
2	15.5	26.5	21.4	80.6	19.75	17.2	0.0	0.0	0.0	5.4
3	17.4	25.6	19.9	84.2	19.72	17.3	1.2	0.0	1.2	5.4
4	15.4	25.5	21.5	82.7	20.79	18.0	11.6	0.0	11.6	7.2
5	15.5	24.9	19.0	87.3	19.28	16.9	0.2	0.0	0.2	2.7
6	13.5	25.2	19.3	83.3	18.41	16.2	1.9	0.6	2.5	3.2
7	16.4	20.5	17.3	94.0	18.51	16.3	17.8	0.0	17.8	0.0
8	13.8	24.4	18.8	80.3	16.90	14.8	0.2	0.0	0.2	1.4
9	14.8	23.6	19.6	85.3	19.37	17.0	0.1	40.9	41.0	3.6
10	15.8	23.8	19.6	89.4	20.25	17.7	1.2	3.4	4.6	2.2
11	16.0	24.6	19.9	84.9	19.89	17.4	18.3	27.7	46.0	3.2
12	16.0	23.4	19.6	87.5	19.59	17.2	1.6	17.0	18.6	2.1
13	15.5	23.0	18.4	87.3	18.52	16.3	9.1	6.9	16.0	0.6
14	15.0	24.0	19.9	84.9	19.33	16.9	0.0	0.0	0.0	2.4
15	14.0	27.4	21.4	76.8	19.09	16.7	0.3	0.0	0.3	7.6
16	13.8	27.0	20.1	78.8	17.85	15.7	0.0	0.0	0.0	6.1
17	16.3	25.8	20.7	82.7	20.09	17.9	0.0	8.6	8.6	3.2
18	17.4	24.4	19.5	85.4	19.51	17.1	1.8	0.1	1.9	2.1
19	16.8	24.2	20.1	85.3	19.73	17.3	0.0	1.0	1.0	1.4
20	17.0	24.8	20.6	82.2	19.62	17.2	9.1	5.2	14.3	3.7
21	16.5	24.6	20.1	85.5	19.87	17.4	0.3	0.0	0.3	4.5
22	15.8	25.5	20.2	82.2	19.38	17.0	0.0	0.0	0.0	3.5
23	16.5	26.5	21.6	78.1	19.48	17.1	0.0	0.0	0.0	5.5
24	17.4	27.4	20.7	80.5	19.90	17.5	0.0	0.0	0.0	4.6
25	16.8	26.6	21.9	78.6	20.40	17.8	0.0	0.0	0.0	5.4
26	17.8	24.5	20.0	85.0	19.96	17.5	0.4	0.0	0.4	1.6
27	14.4	25.6	20.7	81.2	19.31	16.9	0.0	0.0	0.0	6.4
28	15.8	27.4	21.4	81.6	20.37	17.8	0.0	0.0	0.0	7.8
29	16.0	26.5	20.5	84.3	20.34	17.8	7.3	6.9	14.2	4.5
30	15.8	22.0	18.3	94.6	20.24	17.7	6.3	1.8	8.1	0.6
PROM.	15.8	25.0	20.0	83.8	19.45	17.0	90.6	121.0	211.6	112.9

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	16.0	24.6	19.3	85.2	19.15	16.8	33.0	5.6	38.6	1.2
2	16.4	24.5	19.3	85.0	18.88	16.6	0.2	0.0	0.2	0.4
3	16.5	24.4	20.6	84.5	20.08	17.5	0.0	0.0	0.0	2.4
4	16.8	24.2	21.2	85.3	21.18	18.4	0.2	0.0	0.2	2.8
5	15.4	25.0	20.7	84.4	20.36	17.8	0.3	0.0	0.3	4.2
6	16.5	26.5	20.8	82.8	20.05	17.5	0.2	10.3	10.5	5.4
7	17.0	23.8	20.7	85.3	20.45	17.8	0.0	0.0	0.0	0.5
8	18.0	22.4	19.4	92.0	21.06	18.3	0.8	0.0	0.8	0.1
9	16.8	25.0	20.6	82.6	19.92	17.4	0.0	0.0	0.0	4.2
10	15.8	26.0	20.8	78.9	19.35	17.0	0.0	1.8	1.8	5.4
11	16.0	25.0	19.8	83.7	19.31	16.9	0.0	1.4	1.4	2.5
12	17.5	21.5	18.3	91.6	19.68	17.2	42.6	1.9	44.5	0.1
13	15.5	23.8	18.6	88.4	18.92	16.6	2.5	13.7	16.2	1.1
14	16.4	21.5	18.9	88.0	19.05	16.7	9.2	18.4	27.6	0.2
15	16.5	22.5	18.8	89.5	19.30	16.9	0.0	0.0	0.0	0.6
16	15.5	26.0	21.6	76.8	19.13	16.7	0.0	0.0	0.0	6.4
17	17.0	25.8	21.0	80.2	19.74	17.3	0.0	36.4	36.4	4.1
18	16.0	24.0	20.1	86.1	19.93	17.4	0.0	0.0	0.0	5.4
19	17.0	26.6	21.4	74.5	18.65	16.4	0.0	0.0	0.0	0.1
20	15.5	27.0	21.6	75.6	18.86	16.5	0.0	0.0	0.0	8.5
21	16.8	26.8	22.0	76.8	19.80	17.3	0.0	0.0	0.0	3.5
22	17.0	25.0	20.5	84.1	20.16	17.6	0.7	0.0	0.7	2.4
23	15.0	27.5	21.3	75.4	18.92	16.6	0.0	0.0	0.0	7.3
24	16.4	26.5	20.4	79.4	19.43	17.1	0.6	0.3	0.9	4.0
25	14.5	23.6	19.2	87.8	19.20	16.8	0.5	3.5	4.0	3.1
26	16.0	25.2	20.6	83.4	19.95	17.4	0.0	0.0	0.0	6.2
27	16.4	22.6	19.3	92.5	20.61	17.9	2.2	2.8	5.0	0.8
28	16.8	23.0	19.5	84.4	19.15	16.8	0.0	0.0	0.0	0.3
29	16.9	25.2	20.1	82.7	19.64	17.2	1.0	0.7	1.7	2.6
30	16.7	26.6	20.3	83.0	19.83	17.3	0.1	14.6	14.7	2.8
31	15.5	25.2	19.3	83.3	18.77	16.5	33.1	3.4	36.5	4.6
PROM	16.3	24.8	20.2	83.7	19.63	17.2	133.2	114.8	248.0	99.2

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.9E8

ALTITUD: 1.450 LATITUD: 4-31 N. LONGITUD: 75-40 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	16.0	25.5	19.7	84.5	19.56	17.2	73.7	1.4	75.1	2.2
2	16.5	23.4	19.2	87.7	19.46	17.1	3.4	5.2	8.6	0.3
3	16.0	25.0	20.7	81.2	19.27	16.9	0.0	0.0	0.0	2.4
4	16.2	26.0	21.3	79.5	19.78	17.3	0.0	0.0	0.0	5.5
5	16.8	25.7	20.3	82.1	19.63	17.2	0.0	1.1	1.1	3.1
6	16.7	25.5	19.4	90.6	20.59	18.0	1.4	0.2	1.6	1.7
7	15.9	24.5	19.9	83.9	19.32	16.9	0.1	2.8	2.9	3.0
8	16.5	24.4	20.7	79.4	19.13	16.8	0.0	0.0	0.0	1.3
9	16.4	23.8	18.9	89.1	19.61	17.2	35.3	0.2	35.5	1.5
10	17.0	25.5	20.3	85.8	20.50	17.9	0.0	2.8	2.8	1.3
11	16.8	24.0	18.8	89.0	19.41	17.0	1.9	0.0	1.9	1.5
12	16.0	25.4	20.2	82.5	19.37	17.0	0.1	3.2	3.3	1.9
13	16.5	23.0	19.5	88.9	20.01	17.5	0.0	3.0	3.0	1.9
14	17.5	23.6	20.3	87.6	20.83	18.1	1.5	86.9	88.4	2.8
15	15.0	24.6	19.0	88.8	19.39	17.0	8.4	37.5	45.9	3.4
16	15.5	24.0	18.7	84.2	18.09	15.9	1.5	50.1	51.6	1.7
17	15.6	23.4	18.9	93.7	20.02	17.5	0.0	0.0	0.0	1.3
18	15.0	25.2	20.1	83.7	19.61	17.2	0.0	1.8	1.8	6.2
19	17.3	26.2	19.6	84.4	19.49	17.1	62.2	1.8	64.0	5.9
20	15.6	24.8	19.4	83.5	18.83	16.5	4.0	26.2	30.2	1.9
21	16.4	25.0	19.4	85.9	19.37	17.0	40.7	24.1	64.8	4.5
22	16.5	21.6	18.6	94.8	20.30	17.7	5.2	0.0	5.2	2.2
23	14.5	25.8	20.2	78.8	18.57	16.3	0.0	4.2	4.2	8.4
24	17.2	24.2	19.3	87.0	19.67	17.2	6.9	0.0	6.9	1.8
25	15.0	24.0	19.7	85.7	19.48	17.1	0.1	21.4	21.5	2.5
26	16.0	26.5	20.4	86.3	20.25	17.7	0.0	0.0	0.0	3.9
27	16.4	25.6	20.8	84.7	20.52	17.9	0.0	0.0	0.0	4.0
28	17.8	24.5	20.2	87.0	20.71	18.0	3.2	49.7	52.9	1.6
29	16.5	24.6	19.1	87.6	19.53	17.1	43.7	0.4	44.1	3.0
30	16.0	24.0	18.7	86.5	18.98	16.7	24.5	5.4	29.9	4.0
PROM.	16.2	24.6	19.7	85.8	19.64	17.2	317.8	329.4	647.2	86.7

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	15.8	23.8	18.6	84.4	18.06	15.9	35.5	26.4	61.9	2.4
2	15.6	24.3	19.7	81.7	18.34	16.1	0.0	42.8	42.8	5.2
3	15.8	23.5	19.0	85.9	18.73	16.5	12.6	12.8	25.4	3.9
4	16.0	23.7	19.1	85.5	19.00	16.7	0.5	54.8	55.3	2.1
5	15.8	24.5	18.5	86.9	18.08	15.9	0.6	12.1	12.7	2.8
6	16.0	23.6	19.5	85.5	19.15	16.8	0.0	1.7	1.7	2.5
7	16.4	21.2	17.8	90.7	18.85	16.6	13.0	10.9	23.9	0.1
8	15.0	23.0	19.0	82.5	17.81	15.7	0.3	0.5	0.8	1.5
9	16.5	23.5	19.3	85.5	19.07	16.8	0.0	0.0	0.0	2.6
10	14.0	25.8	20.5	79.6	18.77	16.5	0.0	0.0	0.0	5.7
11	13.8	25.0	19.6	83.2	18.89	16.6	0.0	0.0	0.0	4.6
12	16.5	26.4	21.1	78.5	19.46	17.0	0.0	8.1	8.1	5.8
13	17.0	22.6	19.3	90.5	20.61	18.0	3.6	0.1	3.7	2.6
14	16.5	23.0	19.4	89.0	20.26	17.7	0.0	0.0	0.0	0.3
15	15.5	25.5	20.7	84.0	20.07	17.5	0.0	0.0	0.0	4.9
16	15.4	24.4	20.3	80.8	19.17	16.8	1.9	4.8	6.7	3.8
17	16.5	25.0	19.3	87.7	19.93	17.4	24.8	2.6	27.4	4.1
18	16.4	25.7	19.1	81.6	18.16	16.0	5.6	5.4	11.0	5.9
19	16.8	24.6	19.4	86.3	19.32	17.0	0.2	0.0	0.2	1.6
20	15.0	25.8	20.2	82.2	18.95	16.6	0.0	0.0	0.0	6.8
21	13.8	24.4	20.1	80.5	18.42	16.1	0.0	0.3	0.3	4.4
22	16.5	25.0	19.1	84.2	18.67	16.4	15.8	0.0	15.8	3.9
23	13.5	24.8	19.5	77.3	16.94	14.9	0.0	6.5	6.5	3.1
24	14.0	24.4	18.4	84.7	17.92	15.8	41.5	0.8	42.3	3.8
25	15.8	23.6	19.3	84.2	19.14	16.8	20.2	1.3	21.5	3.3
26	16.4	23.0	19.9	83.4	18.97	16.6	0.0	0.0	0.0	1.5
27	16.0	25.2	19.3	84.3	18.88	16.6	22.1	0.2	22.3	2.7
28	15.8	23.5	18.6	86.0	18.44	16.2	4.8	0.3	5.1	2.2
29	16.5	23.4	19.7	86.0	19.33	16.9	0.0	0.0	0.0	0.9
30	16.0	24.4	19.1	81.9	18.19	16.0	0.2	0.6	0.8	3.6
31	14.5	24.2	18.3	86.4	18.26	16.0	0.5	1.0	1.5	3.5
PROM	15.6	24.2	19.4	84.2	18.83	16.5	203.7	194.0	397.7	102.1

ESTACION: LA BELLA MUNICIPIO: CALARCA AÑO: 1.988

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Dias lluvias	
ENERO	17.0	27.6	22.1	15.4	29.5	75.7	19.52	17.1	41.1	9	
FEBRERO	17.2	27.1	21.9	15.0	31.0	77.5	19.86	17.3	99.2	9	108.9
MARZO	16.6	28.1	22.8	15.0	33.2	72.0	19.04	16.6	108.3	3	178.7
ABRIL	17.5	25.3	21.2	16.0	28.0	81.5	20.14	17.6	348.7	20	69.6
MAYO	17.1	26.0	21.4	15.0	29.2	82.5	20.80	18.1	95.1	19	86.5
JUNIO	16.1	24.8	20.3	15.0	28.4	84.0	19.82	17.3	148.0	19	92.4
JULIO	16.3	25.6	20.8	14.0	27.6	81.3	19.65	17.2	45.1	12	115.0
AGOSTO	16.2	24.7	20.1	14.5	28.0	83.4	19.46	17.0	269.1	24	100.5
SEPTIEMBRE	15.8	25.0	20.0	13.5	27.4	83.8	19.45	17.0	211.6	21	112.9
OCTUBRE	16.3	24.8	20.2	14.5	27.5	83.7	19.63	17.2	248.0	19	99.2
NOVIEMBRE	16.2	24.6	19.7	14.5	26.5	85.8	19.64	17.2	647.2	24	86.7
DICIEMBRE	15.6	24.2	19.4	13.5	26.4	84.2	18.83	16.5	397.7	23	102.1
PROMEDIO	16.5	25.7	20.8	14.7	28.6	81.3	19.65	17.2			
TOTAL									2659.1	202	

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.988

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	17.0	31.5	23.8	76.1	21.65	18.7	0.0	0.0	0.0	6.8
2	16.2	31.4	24.1	73.4	20.85	18.1	0.0	0.7	0.7	9.2
3	17.8	30.0	23.4	79.4	22.33	19.3	0.0	0.0	0.0	6.1
4	17.0	30.5	24.9	73.0	21.94	19.0	0.0	0.0	0.0	5.3
5	16.3	31.5	24.8	69.1	20.07	17.6	0.0	0.0	0.0	7.0
6	18.5	30.4	23.7	73.6	21.17	18.4	0.0	0.0	0.0	5.5
7	17.8	30.8	23.5	75.4	20.96	18.2	0.0	0.0	0.0	6.4
8	17.5	32.5	24.5	72.7	21.12	18.3	0.0	0.0	0.0	7.4
9	18.0	31.4	24.3	76.5	22.47	19.3	0.0	0.0	0.0	6.6
10	17.0	32.2	24.3	73.6	21.36	18.9	0.0	0.0	0.0	9.1
11	17.5	31.6	23.7	74.7	20.96	18.2	0.1	0.0	0.1	7.3
12	15.6	32.0	23.4	71.1	19.12	16.8	0.0	0.0	0.0	9.8
13	14.8	31.3	23.5	69.2	18.76	16.4	0.1	4.7	4.8	9.5
14	18.0	29.4	23.1	78.3	21.58	18.7	0.0	0.0	0.0	5.3
15	18.4	27.4	22.1	82.0	21.56	18.7	0.3	23.3	23.6	2.2
16	15.8	28.8	21.6	81.9	20.67	18.0	0.0	0.0	0.0	5.7
17	17.5	30.0	21.0	83.7	21.18	18.4	9.6	2.7	12.3	5.1
18	17.2	29.5	22.5	75.9	19.81	17.2	0.0	0.9	0.9	4.3
19	18.5	28.5	21.7	82.5	21.24	18.4	2.6	0.0	2.6	3.6
20	17.0	31.2	23.8	72.4	20.36	17.6	0.0	0.0	0.0	7.6
21	18.0	31.7	23.5	72.4	20.01	17.5	0.0	0.0	0.0	6.7
22	17.5	30.6	22.8	76.4	20.47	17.8	0.0	0.0	0.0	5.6
23	15.5	30.3	22.5	75.7	19.48	16.9	0.0	0.0	0.0	5.7
24	16.4	30.1	23.8	74.0	20.62	17.9	0.0	0.0	0.0	6.0
25	16.5	31.8	24.3	66.8	19.13	16.6	0.0	0.0	0.0	7.6
26	15.0	30.4	22.7	73.4	19.14	16.6	0.0	0.0	0.0	8.0
27	16.5	30.5	22.8	79.8	21.27	18.4	0.0	0.0	0.0	4.4
28	16.7	32.8	22.5	76.3	20.33	17.6	0.0	12.2	12.2	7.8
29	17.5	25.5	20.9	86.7	21.50	18.6	2.1	0.0	2.1	0.2
30	16.0	29.5	21.5	76.9	19.19	16.6	1.7	0.0	1.7	5.4
31	16.5	29.0	22.5	74.6	19.75	17.3	0.0	0.0	0.0	6.9
PROM.	17.0	30.5	23.1	75.7	20.65	18.0	16.5	44.5	61.0	194.1

M E S – FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	32.2	23.6	72.5	20.35	17.8	0.0	0.0	0.0	8.7
2	16.8	28.2	22.5	76.1	20.18	17.6	0.0	0.0	0.0	2.4
3	15.7	31.4	21.6	79.8	20.34	17.7	22.2	3.7	25.9	7.2
4	16.5	25.0	20.4	86.6	20.39	17.8	0.0	0.0	0.0	1.2
5	16.6	28.8	22.5	78.7	20.76	18.1	0.0	0.0	0.0	2.6
6	17.0	30.4	23.0	78.6	21.30	18.5	0.3	0.0	0.3	5.3
7	17.9	28.5	23.1	79.5	21.72	18.8	0.0	0.0	0.0	5.4
8	16.8	33.2	22.8	80.5	21.88	18.9	2.0	1.6	3.6	7.4
9	17.3	23.5	20.1	91.5	21.53	18.7	1.4	0.0	1.4	0.1
10	16.7	28.4	21.5	81.8	20.45	17.9	0.0	12.5	12.5	3.0
11	16.4	27.2	20.9	82.2	19.75	17.3	0.1	0.3	0.4	1.5
12	17.5	28.2	23.0	74.0	19.85	17.4	0.0	0.0	0.0	4.8
13	18.4	28.4	23.0	79.3	21.76	18.8	0.0	0.0	0.0	3.1
14	17.0	30.8	23.2	76.2	20.74	18.0	0.0	0.0	0.0	6.1
15	17.0	31.5	24.4	70.9	20.49	17.9	0.0	0.0	0.0	7.0
16	16.6	31.2	24.5	71.6	20.66	18.0	0.0	0.0	0.0	6.2
17	18.0	31.3	23.2	74.0	20.34	17.8	0.0	0.0	0.0	7.0
18	15.0	32.5	24.3	67.8	18.84	16.5	0.0	0.0	0.0	9.7
19	15.4	32.4	24.2	72.3	20.62	18.0	0.0	0.0	0.0	9.6
20	16.5	31.4	23.2	72.9	19.71	17.3	0.0	0.0	0.0	7.5
21	16.0	31.3	23.5	72.2	19.71	17.3	0.0	1.2	1.2	7.8
22	18.4	29.5	23.2	79.2	21.78	18.9	0.0	0.0	0.0	2.0
23	18.6	30.2	23.6	83.6	23.86	20.3	0.0	8.6	8.6	3.3
24	19.2	28.5	22.3	82.4	21.92	19.0	2.5	0.8	3.3	0.3
25	18.0	28.0	21.9	84.1	21.92	19.0	1.0	13.1	14.1	1.0
26	17.4	27.5	20.4	88.6	21.07	18.3	0.4	3.9	4.3	2.8
27	17.5	23.5	19.8	88.5	20.45	17.8	8.8	0.0	8.8	0.0
28	15.5	30.0	21.8	76.0	19.11	16.6	0.0	0.0	0.0	7.2
29	14.3	31.8	23.3	73.6	20.46	17.8	0.0	0.0	0.0	9.7
PROM	16.9	29.3	22.6	78.4	20.76	18.1	44.7	45.7	90.4	139.9

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.988

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	15.5	30.8	23.4	70.2	19.05	16.7	0.0	0.0	0.0	5.9
2	17.0	31.0	24.0	67.5	19.02	16.7	0.0	0.0	0.0	5.1
3	16.4	30.8	23.2	74.5	20.25	17.7	0.0	0.0	0.0	6.7
4	16.0	31.7	23.5	73.4	20.23	17.7	0.0	0.0	0.0	7.7
5	15.0	31.8	22.8	69.1	17.73	15.5	0.0	0.0	0.0	8.3
6	16.0	31.2	23.9	69.6	19.33	17.0	0.0	0.0	0.0	6.4
7	15.5	29.6	23.4	69.5	18.78	16.5	0.0	0.0	0.0	4.8
8	17.4	30.5	22.0	80.3	21.31	18.5	26.8	59.2	86.0	4.8
9	17.3	24.0	19.2	90.3	20.27	17.7	28.9	4.0	32.9	0.0
10	16.4	30.5	21.7	79.5	20.29	17.7	0.0	0.0	0.0	8.1
11	14.8	32.5	23.4	69.1	18.50	16.2	0.0	0.0	0.0	10.0
12	15.0	32.0	22.5	73.0	19.34	16.9	0.0	0.0	0.0	8.2
13	15.6	31.8	24.2	65.9	18.95	16.6	0.0	0.0	0.0	7.8
14	15.7	32.5	24.0	68.3	19.09	16.8	0.0	0.0	0.0	8.8
15	15.4	31.8	23.7	70.6	19.24	16.9	0.0	0.2	0.2	8.0
16	15.2	28.4	21.8	77.1	19.64	17.2	0.0	0.0	0.0	1.0
17	16.0	29.9	22.7	72.9	19.14	16.8	0.0	0.0	0.0	5.9
18	16.0	31.5	23.4	73.6	20.04	17.5	0.0	0.0	0.0	6.5
19	15.8	32.8	23.8	64.2	18.34	16.1	0.0	0.0	0.0	8.4
20	16.0	33.2	26.0	58.9	17.60	15.2	0.0	0.0	0.0	8.0
21	15.0	33.4	24.1	61.4	17.00	14.9	0.0	0.0	0.0	6.3
22	15.5	31.8	23.5	71.7	19.67	17.2	0.0	0.0	0.0	8.2
23	16.3	32.0	24.4	70.0	20.03	17.5	0.0	0.0	0.0	6.4
24	17.0	32.5	24.5	70.7	20.64	18.0	0.0	0.0	0.0	8.1
25	15.4	31.8	24.2	69.7	19.76	17.3	0.0	0.0	0.0	7.3
26	15.0	28.5	22.7	75.2	19.95	17.5	0.0	0.0	0.0	2.5
27	17.0	26.4	22.1	81.2	21.31	18.5	0.0	0.0	0.0	0.3
28	17.5	30.0	22.8	72.6	19.55	17.1	0.0	0.0	0.0	5.4
29	18.0	29.5	21.2	86.3	22.02	19.0	29.4	0.0	29.4	2.6
30	18.5	29.0	23.1	82.2	22.84	19.6	0.0	0.0	0.0	3.1
31	17.4	32.0	23.5	77.1	21.46	18.6	0.0	0.0	0.0	6.4
PROM.	16.1	30.8	23.2	72.8	19.69	17.2	85.1	63.4	148.5	187.0

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	29.0	23.9	77.7	22.52	19.4	0.0	0.0	0.0	1.5
2	18.0	25.5	20.7	91.6	22.68	19.5	8.8	3.6	12.4	0.0
3	18.5	30.2	21.5	82.0	20.94	18.2	0.0	36.7	36.7	3.1
4	17.8	24.4	20.7	88.2	21.32	18.5	0.0	0.0	0.0	0.2
5	18.0	31.0	22.6	80.7	21.82	18.9	2.7	31.7	34.4	5.8
6	17.2	24.2	20.2	89.2	20.96	18.2	4.6	0.0	4.6	0.0
7	18.0	27.4	21.6	82.6	21.11	18.3	0.0	0.0	0.0	0.4
8	18.0	31.0	24.0	79.7	23.05	19.7	1.1	0.0	1.1	7.1
9	19.8	27.9	21.7	83.5	22.05	19.1	9.6	0.0	9.6	1.1
10	18.3	25.5	20.0	90.9	22.15	19.1	31.4	3.9	35.3	0.2
11	16.7	23.7	20.2	86.6	20.44	17.9	0.4	0.2	0.6	0.0
12	17.9	26.4	21.1	88.9	21.96	19.0	0.9	37.5	38.4	0.3
13	16.5	24.9	20.0	87.1	20.42	17.8	0.5	0.0	0.5	0.5
14	16.7	30.2	22.8	77.1	20.48	17.8	0.0	8.9	8.9	8.1
15	17.0	26.0	21.7	87.5	22.83	19.6	0.9	40.1	41.0	0.0
16	17.1	29.4	22.8	76.5	20.46	17.9	0.1	10.5	10.6	5.7
17	18.6	30.4	24.6	73.8	21.94	19.0	0.9	0.0	0.9	8.2
18	18.4	29.4	22.4	81.8	21.93	18.9	0.0	0.0	0.0	3.9
19	19.0	29.7	23.5	79.2	22.50	19.4	0.0	0.2	0.2	4.8
20	19.1	29.8	22.7	82.6	22.61	19.4	6.4	11.7	18.1	4.2
21	17.0	26.6	21.0	83.3	20.70	18.1	0.2	0.0	0.2	1.7
22	16.5	27.6	22.4	77.8	20.49	17.8	0.0	1.3	1.3	2.6
23	17.5	28.1	22.3	79.5	20.88	18.2	0.0	0.0	0.0	2.8
24	16.4	29.4	22.3	79.5	20.90	18.2	0.4	14.4	14.8	5.8
25	16.5	28.8	22.1	82.6	21.89	18.9	0.0	0.0	0.0	5.4
26	17.0	26.9	19.9	91.5	21.66	18.8	55.4	0.8	56.2	1.6
27	17.6	29.2	21.7	84.6	22.03	19.0	7.4	0.0	7.4	4.5
28	17.8	30.4	22.6	81.1	21.63	18.7	1.9	0.0	1.9	7.4
29	18.0	26.4	22.0	91.4	24.04	20.4	2.3	0.5	2.8	1.1
30	17.4	28.0	21.7	84.4	22.00	19.0	5.5	9.7	15.2	2.9
PROM	17.7	27.9	21.9	83.4	21.68	18.8	141.4	211.7	353.1	90.9

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.988

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	17.5	28.3	20.5	84.7	20.71	18.0	2.0	3.5	5.5	3.9
2	15.7	25.9	21.2	87.9	21.75	18.8	1.8	0.0	1.8	1.5
3	16.5	28.6	20.8	85.6	21.14	18.4	0.0	0.0	0.0	3.7
4	17.0	24.8	20.0	93.4	21.96	19.0	1.8	0.0	1.8	0.4
5	15.0	28.5	21.9	80.9	20.71	18.0	0.0	0.0	0.0	5.7
6	18.0	29.4	21.6	84.3	21.99	19.0	5.4	0.0	5.4	3.1
7	16.4	29.7	22.4	79.9	21.28	18.5	3.3	1.7	5.0	6.5
8	17.0	30.8	22.4	82.3	22.09	19.1	0.9	0.0	0.9	6.5
9	19.0	30.9	23.2	81.4	22.95	19.7	0.0	0.0	0.0	4.6
10	19.0	29.3	21.6	83.1	21.66	18.7	0.0	0.0	0.0	2.5
11	15.0	29.5	21.8	81.4	20.67	18.0	2.8	0.0	2.8	4.9
12	17.5	27.0	21.3	84.0	21.25	18.4	6.3	0.0	6.3	1.2
13	16.0	27.8	21.9	81.5	21.27	18.5	0.0	1.5	1.5	3.8
14	18.0	24.6	20.7	86.2	21.07	18.3	1.5	0.0	1.5	0.9
15	15.0	28.6	20.8	79.8	19.29	16.9	2.6	0.0	2.6	4.3
16	14.8	30.6	23.6	75.7	21.63	18.7	0.0	0.0	0.0	7.9
17	18.0	29.3	23.5	78.6	22.35	19.2	0.0	1.1	1.1	4.1
18	19.0	27.1	22.4	81.4	21.96	19.0	0.0	0.0	0.0	0.8
19	17.4	28.3	22.5	82.5	22.00	19.0	0.0	1.0	1.0	2.2
20	18.3	26.6	21.9	85.9	22.50	19.4	0.0	0.0	0.0	1.7
21	17.2	27.8	21.4	85.3	21.82	18.9	0.0	0.0	0.0	4.5
22	17.8	29.0	22.8	79.4	21.55	18.7	0.0	0.0	0.0	4.2
23	17.0	29.4	22.6	81.0	21.73	18.8	0.4	0.0	0.4	1.9
24	16.0	30.2	23.5	77.4	21.44	18.6	0.0	0.0	0.0	5.3
25	19.8	27.2	23.1	82.0	23.10	19.8	0.0	0.3	0.3	0.4
26	19.7	26.5	21.8	82.1	21.67	18.8	0.1	0.0	0.1	1.4
27	16.4	27.0	21.0	85.3	21.17	18.4	2.0	78.3	80.3	4.7
28	16.6	26.8	21.4	81.9	20.56	17.9	0.2	0.0	0.2	1.3
29	16.8	30.3	21.0	79.1	19.99	17.5	58.6	2.8	61.4	6.6
30	15.3	28.6	21.7	75.5	18.84	16.5	0.0	0.0	0.0	3.9
31	16.0	26.0	20.2	85.7	20.29	17.7	0.1	3.8	3.9	1.1
PROM.	17.1	28.2	21.8	82.4	21.37	18.5	89.8	94.0	183.8	105.5

M E S — JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	27.4	21.6	80.5	20.61	17.9	0.0	1.0	1.0	3.0
2	16.0	28.0	21.2	81.0	20.19	17.6	0.5	2.1	2.6	3.1
3	16.4	26.2	21.0	83.5	20.47	17.8	0.0	0.0	0.0	1.3
4	15.0	28.9	22.1	77.2	20.07	17.6	0.0	0.0	0.0	5.3
5	16.3	30.5	23.3	77.1	21.22	18.4	0.0	0.0	0.0	6.7
6	17.0	29.5	22.3	79.8	21.56	18.7	0.6	0.0	0.6	6.8
7	17.0	30.4	22.8	75.9	20.41	17.8	0.0	0.0	0.0	7.9
8	17.1	27.6	22.8	79.3	21.52	18.6	0.0	0.0	0.0	2.2
9	17.4	28.0	23.3	76.3	21.36	18.6	0.0	0.0	0.0	2.8
10	18.4	29.4	23.0	75.7	20.89	18.2	0.1	0.0	0.1	4.4
11	17.0	28.4	21.7	80.3	20.84	18.2	0.4	0.0	0.4	4.4
12	16.4	27.3	20.8	81.3	19.85	17.4	0.2	0.1	0.3	0.7
13	17.2	28.8	21.0	82.4	20.50	17.9	2.2	0.6	2.8	3.5
14	17.5	26.0	20.7	83.2	20.62	18.0	0.3	0.0	0.3	1.9
15	17.2	29.4	20.8	82.5	20.37	17.8	8.1	0.0	8.1	6.5
16	15.0	26.4	19.2	91.1	20.46	17.9	3.1	1.6	4.7	3.5
17	16.4	26.5	21.4	82.1	20.78	18.1	0.0	2.9	2.9	2.5
18	17.2	24.8	19.9	88.7	21.02	18.3	15.0	9.8	24.8	0.2
19	15.4	27.0	21.1	81.1	19.89	17.4	0.3	0.4	0.7	2.9
20	15.0	30.5	23.5	74.4	20.54	17.9	0.0	0.0	0.0	8.9
21	18.4	31.2	23.7	74.4	21.27	18.5	0.0	0.0	0.0	7.7
22	17.2	30.8	22.5	76.3	20.87	18.2	6.6	12.5	19.1	5.5
23	17.0	27.4	21.5	80.2	20.08	17.5	0.1	4.0	4.1	3.6
24	17.2	25.2	20.0	87.0	20.54	17.9	10.6	27.0	37.6	0.8
25	16.4	23.2	19.0	90.2	19.56	17.2	16.4	0.0	16.4	0.9
26	15.4	27.7	20.7	85.3	20.50	17.9	1.4	0.0	1.4	3.9
27	16.0	29.8	22.6	73.7	19.75	17.3	0.0	0.0	0.0	7.1
28	16.3	27.5	21.1	85.2	21.11	18.3	0.3	0.2	0.5	1.9
29	16.4	29.2	21.3	79.8	20.10	17.6	0.0	2.1	2.1	5.7
30	17.3	28.4	22.4	80.0	21.13	18.4	0.0	0.6	0.6	5.1
PROM	16.7	28.0	21.6	80.9	20.60	18.0	60.2	64.9	131.1	120.7

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.988

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.3	28.0	21.8	82.9	21.63	18.7	0.0	0.2	0.2	3.1
2	18.5	26.8	21.2	83.2	20.90	18.2	0.4	1.5	1.9	2.7
3	18.0	26.5	21.5	84.1	21.54	18.7	0.4	10.3	10.7	1.2
4	16.8	24.2	20.4	86.2	20.60	18.0	2.6	6.0	8.6	0.7
5	17.5	26.7	20.4	85.4	20.36	17.8	1.6	12.5	14.1	3.7
6	17.2	25.8	20.8	83.0	20.27	17.7	2.8	1.6	4.4	1.7
7	17.3	27.6	20.9	83.7	20.43	17.8	3.4	0.0	3.4	3.8
8	18.0	27.7	20.9	84.3	20.94	18.2	8.6	0.0	8.6	3.1
9	17.6	29.7	22.8	81.5	22.01	18.9	0.0	0.0	0.0	4.4
10	17.0	27.5	21.8	84.4	21.95	19.0	0.1	0.0	0.1	3.2
11	17.8	28.5	22.4	82.3	21.94	18.9	0.0	0.0	0.0	5.6
12	18.5	29.5	22.2	81.3	21.68	18.8	1.7	0.3	2.0	5.5
13	17.5	29.7	23.1	73.8	20.39	17.8	0.0	0.0	0.0	8.4
14	15.0	30.5	22.2	72.4	18.69	16.4	0.0	0.0	0.0	8.9
15	15.0	29.9	22.5	78.7	21.38	18.5	0.0	0.0	0.0	8.3
16	15.5	29.3	23.1	73.5	19.60	17.1	0.0	0.0	0.0	8.6
17	14.9	29.2	24.2	73.8	21.60	18.7	0.0	0.0	0.0	4.8
18	15.7	28.6	21.9	79.4	20.47	17.8	0.0	0.0	0.0	6.7
19	17.5	28.2	22.5	80.6	21.84	18.9	0.0	0.0	0.0	3.6
20	16.0	27.5	22.4	76.7	20.42	17.9	0.3	0.0	0.3	5.5
21	16.0	28.0	22.0	80.9	21.15	18.3	0.0	0.0	0.0	3.1
22	18.1	28.8	23.3	76.9	21.44	18.6	0.4	0.0	0.4	5.0
23	17.8	27.6	22.4	81.0	21.68	18.8	0.0	0.0	0.0	1.8
24	18.4	29.4	22.6	82.1	22.27	19.2	0.4	0.3	0.7	5.0
25	18.4	28.4	22.4	81.0	21.65	18.7	0.7	1.9	2.6	3.1
26	18.2	29.9	21.5	82.3	21.21	18.4	4.2	0.0	4.2	7.4
27	16.5	30.0	22.9	77.1	20.87	18.2	0.0	0.0	0.0	6.2
28	16.8	30.8	23.8	77.9	22.21	19.1	0.0	0.0	0.0	8.6
29	18.6	29.6	21.9	79.4	20.84	18.2	0.6	0.2	0.8	4.4
30	18.4	29.7	20.3	81.5	19.58	17.2	36.1	0.0	36.1	4.8
31	17.2	26.4	20.8	82.5	20.22	17.7	0.0	0.0	0.0	1.9
PROM.	17.2	28.4	22.0	80.4	21.02	18.3	64.3	34.8	99.1	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	15.4	29.2	21.0	80.3	19.68	17.2	0.1	0.0	0.1	5.5
2	16.5	27.6	21.2	82.7	20.82	18.1	0.7	0.6	1.3	2.5
3	18.8	28.2	23.6	79.5	22.72	19.5	0.0	0.0	0.0	5.0
4	18.6	28.0	23.4	78.7	22.26	19.2	0.0	0.0	0.0	6.3
5	18.0	31.4	24.3	73.7	21.61	18.7	0.0	0.0	0.0	7.5
6	17.5	30.5	23.0	80.3	22.30	19.2	2.2	0.2	2.4	5.3
7	17.3	28.2	21.2	86.3	21.92	19.0	0.0	11.9	11.9	6.1
8	18.9	28.4	21.9	81.8	21.46	18.6	0.0	6.5	6.5	2.6
9	18.2	29.0	23.7	76.4	21.80	18.8	0.2	0.0	0.2	7.0
10	17.6	28.2	22.4	78.8	21.04	18.3	1.6	5.6	7.2	4.6
11	16.9	28.4	20.9	83.5	20.54	17.9	8.6	12.6	21.2	5.5
12	15.4	27.4	20.6	85.0	20.56	17.9	0.7	0.0	0.7	4.2
13	17.6	29.2	22.7	76.8	20.50	17.9	0.4	0.0	0.4	5.0
14	17.8	26.4	21.0	85.4	21.31	18.5	5.5	1.8	7.3	0.3
15	16.2	27.6	21.1	81.6	20.18	17.7	1.0	1.0	2.0	4.3
16	17.2	27.4	21.8	82.5	21.27	18.5	0.3	0.1	0.4	5.4
17	17.4	26.0	21.0	89.3	22.11	19.1	1.7	6.3	8.0	0.9
18	15.8	29.2	22.7	77.6	20.58	17.9	0.0	0.0	0.0	8.2
19	16.9	28.0	22.3	81.5	21.59	18.7	3.0	34.8	37.8	4.5
20	17.8	26.8	20.9	85.7	21.03	18.3	1.3	0.9	2.2	1.4
21	17.6	25.8	21.1	84.7	20.84	18.1	0.5	14.6	15.1	1.6
22	16.4	27.4	21.1	82.3	20.05	17.5	1.3	0.0	1.3	3.2
23	15.6	30.1	23.0	73.7	19.98	17.4	0.0	0.0	0.0	7.6
24	18.4	27.0	22.3	83.9	22.51	19.4	0.0	0.0	0.0	3.2
25	17.4	27.4	20.8	82.9	20.27	17.7	2.7	0.0	2.7	3.0
26	17.3	28.7	20.6	83.5	20.48	17.9	12.0	24.9	36.9	5.8
27	18.0	25.0	20.6	88.1	21.24	18.4	1.4	0.0	1.4	1.1
28	17.1	28.5	21.8	80.7	21.05	18.3	0.5	0.6	0.5	4.1
29	16.2	26.4	20.7	85.5	20.78	18.1	3.6	41.5	45.1	3.6
30	16.5	22.7	18.8	90.7	19.69	17.2	6.5	4.4	10.9	0.1
31	16.8	21.0	18.3	94.8	20.09	17.6	15.5	0.0	15.5	0.7
PROM	17.2	27.6	21.6	82.5	21.04	18.3	71.3	167.7	239.0	120.1

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.968

ALTITUD: 1.250 LATITUD: 4-23 N. LONGITUD: 75-44 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	15.9	28.2	20.5	77.6	18.24	16.0	0.9	1.5	2.4	2.9
2	16.3	28.8	22.2	81.7	21.27	18.4	1.4	4.3	5.7	5.1
3	18.5	27.8	21.3	84.5	21.64	18.8	0.4	0.3	0.7	4.4
4	17.0	28.0	21.5	79.3	20.67	18.0	1.7	0.0	1.7	7.1
5	16.4	29.0	20.6	84.6	20.97	18.2	0.5	0.0	0.5	4.6
6	14.8	29.5	21.0	81.2	20.18	17.6	5.5	0.0	5.5	6.6
7	18.0	22.5	19.2	91.6	20.30	17.7	17.3	0.0	17.3	0.1
8	15.0	28.3	20.9	79.6	19.24	16.8	1.5	0.0	1.5	3.2
9	16.0	27.5	21.9	80.6	21.05	18.3	0.0	43.5	43.5	4.3
10	17.3	26.0	20.5	88.5	21.19	18.4	0.2	0.5	0.7	2.7
11	17.2	28.7	21.6	79.7	20.29	17.7	1.0	34.7	35.7	4.6
12	17.0	26.0	20.7	83.5	20.02	17.5	0.6	43.4	44.0	0.4
13	16.8	24.8	20.1	86.2	20.18	17.6	8.2	5.3	13.5	0.0
14	16.5	25.5	20.6	84.7	20.74	18.1	1.1	0.0	1.1	1.0
15	15.0	29.4	21.4	78.7	19.52	17.0	0.0	0.0	0.0	6.3
16	14.5	30.2	22.7	77.1	20.41	17.8	0.0	0.0	0.0	8.8
17	17.0	29.8	22.4	79.6	21.18	18.4	0.0	0.9	0.9	4.5
18	18.5	29.0	21.4	83.4	21.29	18.5	1.2	13.4	14.6	3.7
19	18.0	28.0	22.1	80.5	20.94	18.2	0.0	0.3	0.3	1.8
20	18.5	28.2	22.5	82.1	22.12	19.1	0.0	4.3	4.3	3.6
21	17.5	28.4	22.3	80.7	21.34	18.5	0.1	0.0	0.1	4.9
22	16.5	27.6	21.6	82.0	20.82	18.1	0.0	1.3	1.3	4.0
23	18.5	30.0	23.1	78.5	21.93	18.9	0.0	0.0	0.0	5.4
24	18.5	29.4	22.3	80.4	21.58	18.7	2.1	0.0	2.1	4.5
25	18.0	28.6	23.1	78.2	21.67	18.8	0.0	0.0	0.0	5.2
26	18.0	27.5	22.3	80.8	21.77	18.8	0.0	0.0	0.0	2.7
27	16.0	28.0	22.5	75.9	19.79	17.3	0.0	0.0	0.0	6.4
28	16.5	29.8	23.4	74.6	21.04	18.3	0.0	12.1	12.1	6.5
29	17.5	29.6	22.6	82.0	22.32	19.2	0.0	5.7	5.7	4.1
30	18.0	24.8	20.5	87.6	21.46	18.6	2.4	1.5	3.9	1.1
PROM.	17.0	28.0	21.6	81.5	20.84	18.1	46.1	173.0	219.1	120.5

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	17.3	26.8	21.5	82.1	21.29	18.5	0.6	5.1	5.7	3.1
2	18.0	27.5	20.9	83.3	20.74	18.1	9.8	1.8	11.6	2.0
3	17.5	26.7	21.6	82.8	21.26	18.5	0.0	6.4	6.4	2.7
4	17.8	26.6	21.4	82.8	21.39	18.6	1.3	0.0	1.3	2.3
5	16.0	28.2	22.8	76.3	20.74	18.0	0.0	0.0	0.0	4.4
6	18.5	28.8	22.4	81.6	22.07	19.1	2.0	2.8	4.8	6.5
7	18.3	28.0	22.2	78.3	20.80	18.1	0.1	0.0	0.1	1.9
8	19.5	26.4	21.1	86.2	21.95	19.0	0.7	0.0	0.7	0.6
9	18.0	28.0	22.6	78.0	21.51	18.7	0.0	0.0	0.0	4.2
10	16.5	30.3	22.4	78.1	20.91	18.2	5.5	0.0	5.5	7.7
11	17.2	28.5	21.3	83.9	21.59	18.8	6.0	0.0	6.0	3.8
12	18.4	24.8	20.2	85.9	20.83	18.2	30.5	0.7	31.2	0.9
13	17.1	27.2	21.0	84.0	20.65	18.0	0.9	11.1	12.0	1.6
14	17.7	24.0	20.4	84.2	20.10	17.6	4.5	5.4	9.9	0.2
15	17.5	25.8	20.9	86.7	21.21	18.4	0.0	0.0	0.0	0.6
16	17.6	28.7	22.6	76.4	20.57	17.9	0.0	3.2	3.2	6.8
17	18.6	28.8	23.0	77.9	21.47	18.6	0.0	21.0	21.0	5.6
18	17.4	27.0	21.3	83.9	21.18	18.4	0.0	0.0	0.0	3.4
19	18.2	29.4	22.9	75.2	20.78	18.1	0.0	0.0	0.0	6.9
20	16.4	30.0	23.3	76.1	21.46	18.6	0.0	0.0	0.0	9.4
21	17.6	29.9	23.1	76.6	21.22	18.4	0.0	0.6	0.6	4.1
22	18.0	27.5	21.7	84.7	22.10	19.1	0.5	0.0	0.5	2.8
23	16.0	31.8	23.9	75.1	21.52	18.6	0.0	0.0	0.0	9.1
24	17.6	30.2	21.7	79.2	20.85	18.2	22.0	7.2	29.2	6.8
25	15.7	26.0	21.2	79.8	19.75	17.3	0.0	0.8	0.8	3.3
26	17.4	28.6	21.9	82.0	21.63	18.7	0.0	0.0	0.0	6.9
27	17.6	26.4	21.3	84.7	21.47	18.6	2.0	0.7	2.7	1.9
28	18.2	25.0	21.3	85.3	21.59	18.7	0.0	3.3	3.3	0.6
29	17.4	27.5	22.4	82.5	22.15	19.1	0.0	0.0	0.0	4.2
30	18.4	29.4	21.5	80.1	20.83	18.2	48.5	18.2	66.7	4.1
31	16.8	28.4	22.3	78.3	20.94	18.2	0.0	0.0	0.0	5.4
PROM	17.6	27.8	21.9	81.0	21.18	18.4	134.9	88.3	223.2	123.8

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.988

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	18.4	29.2	21.4	82.6	21.15	18.4	51.4	4.8	56.2	2.9
2	18.0	26.8	20.9	85.5	21.35	18.5	23.4	3.0	26.4	1.6
3	17.5	28.3	21.9	79.4	20.39	17.8	0.0	0.0	0.0	3.5
4	17.7	29.0	22.8	76.3	20.48	17.9	0.0	0.0	0.0	6.9
5	17.8	29.2	22.7	79.3	21.51	18.6	0.0	31.9	31.9	3.2
6	17.7	26.5	20.6	89.2	22.01	19.0	5.1	1.0	6.1	1.9
7	16.4	28.2	21.8	82.3	21.28	18.5	0.4	0.5	0.9	5.6
8	17.8	29.0	22.3	79.1	20.82	18.1	0.0	0.0	0.0	3.9
9	17.5	25.8	21.1	83.0	20.73	18.0	1.0	0.0	1.0	0.7
10	18.2	26.8	21.5	84.1	21.65	18.7	0.5	4.0	4.5	1.1
11	18.8	27.0	21.0	84.2	21.00	18.3	9.6	0.3	9.9	2.2
12	17.0	28.8	22.4	81.3	21.51	18.6	0.0	70.5	70.5	3.0
13	16.5	25.8	19.9	92.4	21.28	18.5	2.8	0.6	3.4	2.4
14	18.5	26.0	22.0	84.7	22.18	19.1	3.7	24.3	28.0	0.9
15	17.4	27.8	21.2	86.6	21.56	18.7	0.0	14.2	14.2	2.9
16	17.3	26.2	20.8	82.4	20.20	17.7	3.5	40.0	43.5	2.2
17	17.8	25.4	21.2	87.6	21.86	18.9	0.0	0.0	0.0	2.2
18	16.4	29.8	21.2	83.3	20.98	18.3	27.0	4.6	31.6	7.2
19	18.2	28.5	22.4	77.5	20.91	18.2	0.2	4.5	4.7	5.1
20	17.8	28.8	21.2	83.1	20.90	18.2	3.6	10.0	13.6	4.8
21	18.4	29.0	22.5	79.3	21.15	18.4	0.2	16.5	16.7	6.3
22	18.0	26.4	20.6	86.6	21.24	18.5	1.9	0.0	1.9	2.2
23	16.4	28.6	22.0	78.7	20.42	17.8	0.0	0.0	0.0	9.2
24	18.0	27.5	20.6	82.3	20.11	17.6	30.5	0.0	30.5	2.4
25	16.0	28.6	21.0	79.1	19.21	16.8	0.0	7.8	7.8	5.2
26	17.5	27.5	21.4	81.4	20.36	17.8	0.0	0.0	0.0	3.8
27	17.8	28.4	21.9	83.3	21.59	18.7	5.5	0.2	5.7	7.2
28	19.0	27.0	21.3	83.0	21.27	18.4	23.5	10.1	33.6	1.0
29	18.0	26.4	20.4	84.4	20.38	17.8	3.2	0.8	4.0	1.8
30	17.0	27.6	20.8	80.9	19.90	17.4	1.1	13.9	15.0	6.4
PROM.	17.6	27.7	21.4	82.8	20.98	18.2	198.1	263.5	461.6	109.7

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	27.6	20.5	82.1	19.84	17.4	7.9	18.2	26.1	2.3
2	16.4	26.5	20.7	81.3	19.42	17.0	0.0	5.1	5.1	5.2
3	17.3	26.0	20.7	83.1	20.05	17.6	7.0	5.9	12.9	3.7
4	17.0	25.8	20.3	83.0	19.74	17.3	2.8	37.8	40.6	2.7
5	17.1	27.2	19.6	83.1	18.80	16.5	0.4	0.9	1.3	3.5
6	17.2	25.6	21.1	83.5	20.83	18.1	0.0	4.0	4.0	2.8
7	18.5	23.8	19.4	85.8	19.70	17.2	17.9	24.0	41.9	0.1
8	16.6	25.5	19.8	82.3	19.12	16.8	0.0	0.2	0.2	2.7
9	16.5	25.9	20.2	83.3	19.56	17.1	0.0	0.0	0.0	3.9
10	15.5	29.0	21.1	80.7	19.83	17.4	5.2	0.2	5.4	7.2
11	15.6	28.8	20.4	81.5	19.52	17.1	0.0	0.0	0.0	7.0
12	16.5	28.6	21.5	82.8	21.35	18.5	0.2	0.1	0.3	6.4
13	18.4	26.6	20.8	81.8	20.38	17.8	1.2	0.0	1.2	2.8
14	18.5	25.0	20.8	83.7	20.74	18.1	0.0	0.0	0.0	0.1
15	16.0	28.2	22.2	77.9	20.21	17.6	0.0	0.0	0.0	6.9
16	16.5	28.5	21.1	81.0	20.22	17.7	4.2	1.9	6.1	7.6
17	18.0	27.4	20.8	82.8	20.37	17.8	1.3	0.0	1.3	3.7
18	17.0	28.5	21.9	74.7	19.20	16.8	0.4	14.4	14.8	5.5
19	17.5	26.8	21.3	82.8	20.78	18.1	0.7	4.2	4.9	3.4
20	17.4	27.8	21.3	79.0	19.75	17.3	0.0	0.0	0.0	6.7
21	14.5	28.0	21.5	77.5	19.03	16.7	0.0	20.0	20.0	6.1
22	17.5	27.4	20.3	81.8	19.65	17.2	18.3	0.0	18.3	4.4
23	14.8	28.0	20.9	80.3	19.51	17.1	0.2	0.0	0.2	5.9
24	16.0	27.2	19.9	81.3	18.98	16.7	25.1	1.0	26.1	6.7
25	16.5	26.8	19.9	85.0	19.91	17.4	1.5	1.6	3.1	5.0
26	17.3	27.2	20.5	81.8	19.51	17.1	0.0	0.0	0.0	2.9
27	16.5	27.8	20.7	81.8	19.79	17.3	1.7	0.4	2.1	4.5
28	18.0	26.4	19.8	81.8	18.95	16.6	6.1	29.6	35.7	2.1
29	17.5	24.5	20.4	84.4	20.35	17.8	0.0	0.0	0.0	0.9
30	17.4	27.2	20.6	81.5	19.87	17.4	5.4	2.0	7.4	1.9
31	16.2	27.4	19.6	82.9	18.72	16.4	4.4	1.1	5.5	2.7
PROM	16.9	27.0	20.6	81.8	19.80	17.3	111.9	172.6	284.5	127.3

ESTACION: PARAGUAYCITO MUNICIPIO: BUENAVISTA AÑO: 1.988

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	17.0	30.5	23.1	14.8	32.8	75.7	20.65	18.0	61.0	10	194.1
FEBRERO	16.9	29.3	22.6	14.3	33.2	78.4	20.76	18.1	90.4	12	139.9
MARZO	16.1	30.8	23.2	14.8	33.4	72.8	19.69	17.2	148.5	4	187.0
ABRIL	17.7	27.9	21.9	16.4	31.0	83.4	21.68	18.8	353.1	24	90.9
MAYO	17.1	28.2	21.8	14.8	30.9	82.4	21.37	18.5	183.8	20	105.5
JUNIO	16.7	28.0	21.6	15.0	31.2	80.9	20.60	18.0	131.1	21	120.7
JULIO	17.2	28.4	22.0	14.9	30.8	80.4	21.02	18.3	99.1	17	144.8
AGOSTO	17.2	27.6	21.6	15.4	31.4	82.5	21.04	18.3	239.0	25	126.1
SEPTIEMBRE	17.0	28.0	21.6	14.5	30.2	81.5	20.84	18.1	219.1	24	120.5
OCTUBRE	17.6	27.8	21.9	15.7	31.8	81.0	21.18	18.4	223.2	21	123.8
NOVIEMBRE	17.6	27.7	21.4	16.0	29.8	82.8	20.98	18.2	461.6	24	109.7
DICIEMBRE	16.9	27.0	20.6	14.5	29.0	81.8	19.80	17.3	284.5	24	127.3
PROMEDIO	17.1	28.4	21.9	15.1	31.3	80.3	20.80	18.1			
TOTAL									2494.4	226	1590.3

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE AGO: 1.988

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.4	21.4	76.9	19.61	17.1	0.0	0.0	0.0	8.5
2	15.9	27.2	21.5	78.9	20.00	17.4	0.0	20.7	20.7	4.8
3	15.5	26.0	20.3	85.1	19.88	17.3	0.4	12.7	13.1	4.6
4	16.0	27.5	21.5	75.4	19.24	16.7	0.2	0.0	0.2	5.9
5	17.2	26.9	22.5	77.4	20.79	18.0	0.0	0.0	0.0	5.6
6	16.9	27.0	20.6	89.9	21.24	18.4	0.4	0.0	0.4	5.6
7	17.0	26.5	21.4	81.4	20.53	17.5	1.2	5.5	7.1	5.7
8	16.2	28.2	22.0	81.3	20.73	18.0	0.0	0.0	0.0	5.9
9	16.8	28.0	21.9	78.2	20.14	17.6	0.0	0.0	0.0	5.8
10	17.2	27.3	21.6	76.2	19.77	17.3	0.0	0.0	0.0	7.2
11	16.0	25.6	20.8	79.0	19.24	16.8	0.0	0.0	0.0	
12	15.9	27.5	21.2	74.4	18.72	16.4	0.0	0.0	0.0	7.8
13	15.0	26.4	21.5	74.1	18.96	16.4	0.0	0.0	0.0	6.8
14	16.8	25.8	19.2	82.3	18.53	16.3	24.9	0.2	25.1	3.0
15	15.9	24.8	19.1	85.9	19.55	17.0	6.4	3.1	9.5	2.9
16	15.2	22.2	18.4	88.1	18.58	16.3	0.0	0.0	0.0	1.9
17	15.0	23.8	18.7	85.8	18.67	16.3	14.9	6.5	21.8	3.4
18	15.0	23.9	19.4	84.0	19.00	16.7	0.0	79.4	79.4	2.6
19	15.1	26.3	19.4	85.6	19.10	16.7	0.0	19.7	19.7	5.7
20	15.8	26.6	20.4	79.8	19.04	16.7	0.0	0.0	0.0	1.5
21	15.9	26.0	20.5	77.5	18.89	16.5	0.0	4.5	4.5	6.3
22	15.0	25.2	20.2	77.8	18.32	16.1	0.0	0.0	0.0	5.5
23	14.8	26.2	20.7	75.1	18.00	15.8	0.0	0.0	0.0	5.9
24	16.5	26.8	20.9	78.6	19.26	16.9	0.0	0.0	0.0	7.1
25	16.7	26.5	20.9	73.6	17.89	15.7	0.0	0.0	0.0	5.4
26	16.5	26.2	20.5	70.6	16.89	14.9	0.0	0.0	0.0	6.4
27	14.0	24.2	19.9	75.2	17.06	14.9	0.0	0.0	0.0	1.7
28	14.8	29.5	21.0	71.7	17.52	15.3	0.0	8.0	8.0	8.6
29	14.7	23.0	18.6	84.6	17.98	15.7	0.0	0.0	0.0	0.0
30	14.6	26.3	18.9	81.4	18.27	15.8	1.5	0.0	1.5	3.7
31	15.0	27.2	21.2	76.5	18.67	16.3	0.0	0.0	0.0	6.2
PROM.	15.8	26.2	20.5	79.4	19.03	16.6	49.9	161.1	211.0	

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	27.5	21.2	77.1	19.22	16.9	0.0	1.7	1.7	3.5
2	15.9	24.4	20.2	85.2	20.39	17.6	0.0	0.0	0.0	2.2
3	15.7	27.1	20.4	79.4	18.81	16.5	0.0	4.2	4.2	5.0
4	14.5	21.4	17.4	93.4	18.29	16.1	2.4	0.0	2.4	0.6
5	14.0	26.0	19.5	81.4	18.24	16.0	0.4	0.0	0.4	3.5
6	15.0	25.2	20.8	78.2	18.49	16.2	0.0	0.0	0.0	4.4
7	16.0	25.9	20.6	78.7	18.78	16.5	0.0	0.0	0.0	3.9
8	15.4	29.0	22.4	74.8	20.23	17.6	0.0	54.1	54.1	6.9
9	14.9	21.0	17.6	92.3	18.77	16.5	0.7	0.0	0.7	0.0
10	14.0	24.1	19.7	86.5	19.36	16.9	0.0	28.8	28.8	3.2
11	14.7	21.8	18.4	91.0	19.24	16.9	0.7	0.0	0.7	0.6
12	15.0	25.8	21.1	81.9	19.93	17.4	0.0	40.0	40.0	4.5
13	15.9	22.5	19.8	89.8	20.26	17.7	0.0	0.0	0.0	0.5
14	15.4	25.5	20.8	82.8	19.87	17.4	0.0	0.8	0.8	4.7
15	16.0	26.4	21.3	81.4	20.10	17.5	0.0	0.0	0.0	2.5
16	16.8	26.8	22.1	82.4	21.27	18.4	0.0	0.0	0.0	6.0
17	17.5	26.4	22.2	82.2	21.91	18.9	0.0	0.0	0.0	4.1
18	16.4	28.9	23.0	72.3	19.78	17.2	0.0	0.0	0.0	8.5
19	16.0	28.4	22.6	75.2	20.28	17.6	0.0	0.2	0.2	9.8
20	17.1	27.2	22.5	79.8	21.22	18.4	0.0	0.0	0.0	7.9
21	15.0	26.2	21.2	81.5	20.23	17.5	0.0	0.0	0.0	3.7
22	16.5	26.2	21.9	82.3	21.09	18.3	0.0	4.1	4.1	2.4
23	17.1	27.7	22.5	77.5	20.43	17.9	0.0	0.1	0.1	3.3
24	17.5	24.4	20.4	88.1	21.11	18.3	12.1	2.6	14.7	1.3
25	15.5	22.8	18.4	91.7	19.59	17.1	6.0	1.4	7.4	1.0
26	15.0	22.4	18.3	89.4	18.61	16.4	2.4	5.7	8.1	1.7
27	14.8	18.0	16.5	96.6	18.05	15.9	28.3	0.0	28.3	0.0
28	14.5	25.6	19.3	78.9	17.62	15.5	0.0	0.0	0.0	5.2
29	14.6	27.6	21.9	72.5	18.38	16.1	0.0	0.0	0.0	8.0
PROM	15.0	25.2	20.5	82.9	19.64	17.1	53.0	143.7	196.7	108.9

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE C. AÑO: 1.968

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

M E S - MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.7	27.5	21.9	75.0	19.26	16.9	0.0	0.0	0.0	4.9
2	16.7	28.2	22.8	73.6	19.34	17.0	0.0	0.0	0.0	7.9
3	15.6	28.8	21.9	68.4	17.52	15.4	0.0	0.0	0.0	9.2
4	15.9	27.6	22.3	77.4	20.41	17.8	0.0	0.0	0.0	4.1
5	15.6	27.0	21.3	79.1	19.75	17.3	0.0	0.0	0.0	4.2
6	15.6	28.0	22.0	75.0	19.64	17.2	0.0	0.0	0.0	5.4
7	15.5	27.9	22.3	74.1	19.78	17.3	0.0	0.0	0.0	5.0
8	16.5	26.5	20.0	83.7	19.89	17.4	4.7	82.8	87.5	3.5
9	15.5	17.5	16.3	94.4	17.53	15.4	11.0	0.0	11.0	0.0
10	13.2	26.5	20.2	77.3	17.57	15.4	0.0	0.0	0.0	6.7
11	15.0	29.0	21.8	69.9	18.04	15.8	0.0	0.0	0.0	9.0
12	15.0	28.3	21.4	74.7	19.08	16.7	0.0	0.0	0.0	5.8
13	16.0	27.0	20.9	74.2	18.48	16.3	1.7	0.0	1.7	5.1
14	15.0	28.0	21.8	66.5	17.43	15.3	0.0	0.0	0.0	6.8
15	15.9	29.0	22.5	68.3	18.50	16.1	0.0	0.0	0.0	9.3
16	15.5	26.0	19.4	81.5	18.37	16.2	1.4	0.2	1.6	1.5
17	13.8	28.7	21.3	75.3	18.28	16.0	0.0	0.0	0.0	8.5
18	16.0	28.6	23.0	69.8	18.88	16.5	0.0	0.0	0.0	6.7
19	16.5	29.2	22.7	78.2	20.99	18.3	0.0	0.0	0.0	5.8
20	16.1	28.2	22.6	73.8	19.83	17.3	0.0	0.0	0.0	5.5
21	16.4	31.0	24.8	63.1	19.57	17.1	0.0	0.0	0.0	8.3
22	16.8	26.9	21.7	76.9	19.52	17.1	0.0	0.0	0.0	4.0
23	16.8	28.0	22.5	76.4	20.43	17.8	0.0	0.0	0.0	3.2
24	17.5	28.8	23.0	76.6	21.23	18.5	0.0	0.0	0.0	6.4
25	16.0	27.7	22.1	70.2	18.47	16.2	0.0	1.4	1.4	6.5
26	14.9	27.0	21.5	70.1	17.11	15.1	0.0	0.0	0.0	4.1
27	16.4	24.9	20.6	85.1	20.45	17.9	0.0	0.0	0.0	2.2
28	16.9	28.0	21.5	79.1	20.05	17.6	0.0	0.0	0.0	3.3
29	16.5	24.0	19.9	83.4	19.32	16.9	0.5	1.3	1.8	0.1
30	16.5	23.3	18.7	91.0	19.90	17.4	4.0	0.3	4.3	1.0
31	15.5	28.4	22.4	74.5	19.35	17.0	0.0	9.8	9.8	5.9
PROM.	15.9	27.3	21.5	76.0	19.16	16.8	23.3	95.8	119.1	159.9

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	15.0	25.1	20.7	85.7	20.49	17.9	0.0	2.8	2.8	1.9
2	16.0	20.0	17.4	97.5	19.38	17.0	21.0	0.0	21.0	0.0
3	16.5	23.6	19.7	87.2	20.19	17.6	0.6	38.2	38.8	1.2
4	15.0	25.3	19.6	85.5	19.41	17.0	0.0	0.0	0.0	2.2
5	16.8	26.8	20.7	88.2	21.51	18.6	16.6	108.0	124.6	2.3
6	16.4	20.6	17.8	95.5	19.68	17.2	0.9	0.0	0.9	0.0
7	15.7	24.8	18.8	85.9	18.66	16.4	7.3	0.0	7.3	0.9
8	16.7	25.0	20.7	86.7	20.61	17.9	1.4	0.0	1.4	4.3
9	16.8	20.6	18.2	95.5	19.96	17.5	13.1	0.8	13.9	0.0
10	16.0	20.8	17.6	92.8	19.00	16.7	3.0	9.5	12.5	0.1
11	14.2	21.5	17.7	91.1	18.65	16.4	3.3	0.0	3.3	0.0
12	14.7	22.2	18.9	83.7	18.06	15.9	0.0	74.0	74.0	0.7
13	14.6	20.0	16.7	94.6	18.12	15.9	13.1	0.0	13.1	0.0
14	14.8	25.0	18.6	81.9	17.70	15.6	8.7	0.3	9.0	6.1
15	15.6	22.6	18.5	84.3	17.99	15.8	1.3	0.5	1.8	2.2
16	15.8	25.3	20.0	82.6	19.14	16.8	0.0	10.4	10.4	3.6
17	14.7	26.6	20.4	82.4	19.68	17.3	12.6	7.6	20.2	8.0
18	15.7	25.4	20.5	82.7	19.72	17.3	0.0	4.2	4.2	3.8
19	16.4	23.8	19.7	89.2	20.37	17.8	0.1	0.0	0.1	0.8
20	16.0	24.2	20.3	77.3	18.38	16.1	0.0	6.5	6.5	2.8
21	14.8	22.4	18.3	84.1	17.49	15.4	1.9	0.0	1.9	3.3
22	15.4	25.0	18.8	81.0	17.76	15.6	6.5	2.1	8.6	2.7
23	14.9	24.8	19.9	79.8	18.23	16.0	0.0	0.0	0.0	3.9
24	15.9	25.3	19.3	79.1	17.87	15.7	3.2	0.8	4.0	2.2
25	15.0	25.0	19.2	79.0	17.93	15.7	1.8	0.0	1.8	3.9
26	15.3	23.0	18.0	87.1	18.50	16.3	54.7	0.6	55.3	1.3
27	15.2	23.5	18.1	86.2	18.03	15.9	1.2	5.1	6.3	1.8
28	15.5	26.3	20.5	80.9	19.21	16.8	0.0	0.0	0.0	4.5
29	16.2	23.3	18.7	89.3	19.58	17.1	2.2	2.8	5.0	0.0
30	15.0	23.2	17.1	94.8	18.62	16.3	38.7	0.0	38.7	3.3
PROM	15.6	23.7	19.0	86.4	19.00	16.7	213.2	274.2	487.4	67.8

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE C. AÑO: 1.988

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

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.7	23.0	17.8	83.1	17.02	14.9	0.0	1.1	1.1	4.2
2	15.2	22.1	18.0	90.6	18.49	16.2	3.5	0.0	3.5	
3	15.4	23.2	18.9	83.8	17.94	15.7	1.3	0.3	1.6	1.9
4	16.2	20.4	18.1	92.0	18.96	16.7	8.3	0.0	8.3	0.8
5	14.0	23.8	19.6	83.5	19.09	16.6	0.0	5.2	5.2	4.4
6	15.8	23.8	18.6	84.8	18.48	16.2	0.3	0.0	0.3	2.5
7	15.0	24.0	19.6	79.8	17.96	15.8	0.0	0.0	0.0	5.4
8	15.0	25.6	19.9	81.0	18.98	16.6	18.6	13.2	31.8	3.8
9	15.8	25.2	20.7	84.3	20.36	17.8	0.0	0.3	0.3	3.9
10	16.8	23.4	20.2	86.8	20.28	17.7	1.5	0.0	1.5	0.6
11	15.0	21.6	18.9	87.7	19.27	16.7	1.2	0.0	1.2	2.8
12	16.4	24.0	19.5	89.7	20.32	17.8	0.8	0.0	0.8	2.6
13	16.6	25.0	18.7	87.8	19.27	16.9	4.6	3.9	8.5	2.4
14	15.0	23.4	18.4	86.9	18.48	16.2	0.0	0.0	0.0	1.7
15	14.5	25.5	19.6	83.9	19.16	16.7	0.0	0.4	0.4	3.1
16	13.8	26.5	21.5	82.0	20.80	18.0	0.0	0.0	0.0	7.9
17	16.8	25.3	20.1	86.8	20.49	17.8	0.2	16.8	17.0	1.3
18	16.0	24.4	19.9	85.6	19.44	17.0	0.7	0.0	0.7	3.6
19	16.2	25.0	18.6	87.5	19.30	16.9	13.5	1.4	14.9	2.1
20	16.4	24.0	19.4	85.8	18.97	16.7	0.0	0.0	0.0	2.2
21	15.5	24.4	20.1	79.1	18.51	16.2	0.2	0.0	0.2	3.7
22	16.8	27.0	21.6	83.1	21.17	18.3	4.1	0.0	4.1	5.9
23	17.4	24.8	20.1	87.5	20.72	18.0	0.0	0.0	0.0	1.3
24	16.0	27.3	21.5	73.9	18.77	16.5	1.0	0.0	1.0	6.0
25	17.8	24.3	20.5	88.0	21.46	18.6	6.9	0.5	7.4	0.7
26	16.6	24.0	19.3	84.3	19.32	16.9	47.0	0.0	47.0	1.0
27	16.0	24.2	19.7	83.2	19.27	16.9	0.4	1.6	2.0	3.1
28	16.4	23.4	19.2	89.9	19.83	17.4	6.7	0.0	6.7	1.7
29	16.2	25.7	19.4	80.3	18.58	16.3	4.8	11.2	16.0	4.3
30	14.6	24.5	19.4	77.9	17.23	15.1	0.0	0.0	0.0	2.8
31	15.3	23.0	19.1	86.2	19.10	16.8	0.3	1.7	2.0	1.8
PROM.	15.8	24.3	19.5	84.7	19.26	16.8	125.9	57.6	183.5	

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.8	20.0	83.1	19.18	16.9	0.5	0.4	0.9	3.6
2	15.3	24.7	19.7	81.5	18.93	16.6	0.2	3.5	3.7	1.2
3	15.7	23.5	19.8	80.0	18.04	15.7	0.0	0.0	0.0	1.2
4	15.0	26.0	20.0	73.1	17.11	14.9	0.1	0.0	0.1	5.4
5	16.3	27.2	22.0	76.2	19.56	17.0	0.3	0.0	0.3	7.0
6	16.0	25.7	20.9	78.8	19.44	17.0	0.0	0.0	0.0	6.1
7	16.0	26.8	20.9	70.4	17.50	15.4	0.0	0.0	0.0	6.6
8	16.4	24.2	20.1	85.3	20.03	17.5	0.0	0.0	0.0	2.2
9	16.8	24.4	19.3	88.0	20.03	17.5	1.6	0.5	2.1	0.0
10	16.6	25.8	19.5	84.4	19.56	17.1	41.5	0.0	41.5	2.4
11	17.0	23.3	18.3	87.5	18.66	16.4	37.0	3.5	40.5	2.0
12	15.4	22.6	17.8	89.5	18.07	15.9	0.9	0.9	1.8	1.0
13	15.7	24.2	19.6	83.3	18.61	16.3	0.6	3.1	3.7	1.8
14	16.2	24.5	18.8	86.8	19.08	16.7	0.6	0.0	0.6	3.1
15	15.6	25.3	19.6	79.9	18.48	16.1	1.3	0.0	1.3	6.7
16	16.0	21.4	17.6	91.9	18.58	16.3	3.4	11.6	15.0	0.9
17	14.9	21.8	18.2	81.5	16.95	14.9	0.0	0.0	0.0	1.3
18	15.8	21.5	17.7	84.7	17.45	15.4	13.4	1.6	15.0	0.0
19	15.2	22.0	17.9	88.9	18.45	16.2	2.3	0.1	2.4	1.4
20	14.5	25.0	20.1	79.8	18.63	16.3	0.0	0.0	0.0	5.9
21	16.2	26.5	20.6	78.1	18.64	16.4	0.5	0.1	0.6	7.2
22	16.4	26.8	20.7	73.6	18.10	15.9	0.0	27.8	27.8	6.3
23	14.9	24.4	19.3	80.0	17.66	15.5	0.0	2.2	2.2	2.7
24	16.3	22.5	17.5	92.8	18.78	16.5	12.3	27.5	39.8	1.1
25	15.1	21.0	18.0	83.9	17.09	15.0	1.2	0.0	1.2	0.6
26	14.7	23.1	18.4	78.5	16.58	14.5	0.9	0.0	0.9	2.2
27	14.7	25.0	20.3	78.0	18.33	16.1	0.0	9.5	9.5	6.1
28	15.0	25.4	19.3	72.4	15.83	13.8	1.0	0.0	1.0	6.1
29	15.4	25.3	19.4	78.5	17.76	15.6	0.5	0.0	0.5	5.9
30	14.8	22.8	18.3	87.8	18.62	16.3	2.6	0.0	2.6	4.3
PROM	15.7	24.3	19.3	81.9	18.33	16.1	122.7	92.3	215.0	102.3

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE AÑO: 1.988

ALTITUD: 1.600 LATITUD: 4-55 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	16.4	24.2	19.8	82.8	18.89	16.6	0.3	11.4	11.7	1.8
2	16.0	23.1	17.9	88.1	18.47	16.3	18.3	10.9	29.2	0.6
3	15.6	23.6	18.3	84.8	17.73	15.6	0.6	25.6	26.2	1.6
4	14.8	20.2	17.4	86.9	17.29	15.1	1.7	13.8	15.5	0.0
5	14.5	20.4	17.5	88.7	17.50	15.4	4.5	14.6	19.1	0.2
6	15.0	22.8	18.7	85.1	18.02	15.9	0.8	0.4	1.2	1.4
7	14.7	25.2	20.2	77.6	18.22	16.0	0.0	4.1	4.1	4.7
8	16.4	23.5	19.4	82.9	18.97	16.8	2.8	0.0	2.8	2.3
9	15.5	24.4	19.4	82.5	19.01	16.6	2.3	0.0	2.3	4.5
10	15.0	24.7	18.9	85.9	18.84	16.5	0.8	10.2	11.0	2.0
11	16.2	23.4	19.1	84.1	18.75	16.5	1.0	0.0	1.0	2.9
12	15.6	25.0	18.7	82.9	17.79	15.6	1.6	3.3	4.9	4.7
13	14.8	24.4	19.3	71.7	15.79	13.8	0.3	0.2	0.5	3.0
14	14.6	26.8	20.5	74.9	17.74	15.6	0.0	0.0	0.0	6.5
15	15.2	26.7	21.0	74.5	18.14	15.9	0.0	0.0	0.0	7.5
16	15.0	25.6	20.4	70.0	16.48	14.4	0.0	0.0	0.0	4.8
17	15.1	25.8	19.9	76.8	17.87	15.7	0.0	18.3	18.3	5.8
18	15.7	25.1	19.4	84.6	19.45	17.0	0.9	0.0	0.9	4.2
19	15.4	25.4	20.7	78.2	18.82	16.5	0.0	0.0	0.0	2.6
20	16.4	26.0	20.3	76.3	18.27	16.1	8.1	0.1	8.2	4.3
21	16.0	25.5	20.1	80.9	18.86	16.6	0.0	0.0	0.0	3.2
22	16.5	24.0	19.3	84.8	18.83	16.5	8.3	0.2	8.5	2.9
23	16.3	24.2	19.7	83.5	19.24	16.9	0.3	0.0	0.3	1.0
24	16.0	24.8	20.0	85.2	19.87	17.4	0.8	20.2	21.0	3.0
25	16.3	26.6	20.5	76.5	18.11	15.9	0.0	3.6	3.6	5.7
26	16.6	24.8	20.5	79.8	18.90	16.5	0.0	18.8	18.8	4.9
27	15.4	25.4	20.0	78.1	17.94	15.8	0.0	0.0	0.0	4.4
28	15.7	28.4	20.5	75.8	18.15	16.0	1.9	21.3	23.2	8.5
29	16.4	23.7	20.1	82.1	19.39	17.0	1.0	5.6	6.6	0.6
30	15.7	25.8	20.1	77.6	18.22	16.0	0.0	10.6	10.6	4.7
31	15.8	24.3	19.7	81.1	18.32	16.1	3.1	3.2	6.3	1.6
PROM.	15.6	24.6	19.6	80.8	18.32	16.1	59.4	196.4	255.8	105.9

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	15.7	24.2	19.6	84.9	19.45	17.1	0.0	0.0	0.0	2.5
2	16.2	24.4	18.5	83.4	17.83	15.7	0.9	1.0	1.9	1.1
3	15.8	23.9	19.8	84.8	19.39	17.0	0.0	0.4	0.4	3.8
4	16.7	23.8	19.9	84.8	19.59	17.2	0.3	0.0	0.3	1.8
5	16.0	26.2	20.7	78.5	18.92	16.6	0.0	0.0	0.0	4.5
6	16.7	24.8	18.5	91.2	19.17	16.8	7.4	25.3	32.7	4.8
7	16.5	25.0	19.7	83.6	19.27	16.9	1.6	0.0	1.6	4.1
8	16.8	21.4	18.5	92.1	19.61	17.2	2.0	0.0	2.0	0.2
9	16.0	25.0	19.9	83.2	19.43	17.0	0.0	0.0	0.0	3.3
10	16.8	23.6	19.3	88.7	20.16	17.6	0.3	0.0	0.3	1.4
11	15.6	23.0	19.4	85.5	19.19	16.8	0.4	0.0	0.4	0.6
12	14.7	23.8	19.0	83.4	18.47	16.2	1.3	1.7	3.0	2.5
13	14.8	26.2	20.3	80.4	18.53	16.2	0.0	52.4	52.4	7.8
14	15.7	23.2	18.2	89.2	18.69	16.4	2.2	5.6	7.8	0.6
15	15.0	24.8	19.4	80.9	17.80	15.6	0.0	2.5	2.5	5.3
16	15.7	24.6	19.8	81.1	18.61	16.3	0.7	8.2	8.9	2.4
17	15.8	23.1	18.8	90.2	19.58	17.2	1.6	2.4	4.0	2.6
18	15.7	22.0	18.9	86.2	18.83	16.5	7.0	0.0	7.0	2.2
19	14.7	23.8	18.5	86.6	18.38	16.2	15.7	50.5	66.2	2.6
20	15.4	24.8	19.5	81.8	18.34	16.1	0.7	8.4	9.1	3.6
21	16.4	21.3	18.0	91.8	18.85	16.6	8.3	1.8	10.1	1.3
22	14.9	21.4	18.1	87.7	18.20	16.0	2.1	0.0	2.1	0.6
23	14.0	25.2	20.5	75.0	18.08	15.9	0.0	6.7	6.7	7.8
24	16.2	24.4	19.6	85.6	19.42	17.0	0.4	0.4	0.8	2.5
25	16.0	23.7	19.3	83.7	18.73	16.5	0.0	0.0	0.0	1.4
26	16.7	24.2	19.2	87.1	19.44	17.1	0.1	8.7	8.8	4.0
27	16.0	23.4	18.7	83.6	18.05	15.9	2.0	0.0	2.0	2.4
28	15.8	23.8	19.5	84.8	19.17	16.8	0.0	0.0	0.0	1.3
29	15.8	23.4	19.2	82.5	18.15	16.0	0.6	6.4	7.0	1.7
30	15.6	20.0	18.1	89.4	18.41	16.2	10.3	24.4	34.7	0.0
31	15.7	18.4	16.3	95.0	17.72	15.6	14.5	0.0	14.5	0.0
PROM	15.8	23.6	19.1	85.4	18.82	16.5	80.4	206.8	287.2	80.7

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE AÑO: 1.988

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	14.7	23.8	19.2	80.8	17.91	15.7	0.0	0.0	0.0	4.0
2	16.0	25.0	19.8	82.0	19.15	16.8	3.8	0.3	4.1	3.7
3	16.2	23.8	19.4	82.6	18.66	16.4	0.2	0.5	0.7	2.2
4	15.8	24.6	18.8	79.8	17.57	15.5	20.2	0.0	20.2	4.4
5	15.8	20.6	18.3	91.8	19.36	17.0	3.0	0.0	3.0	0.5
6	14.0	25.0	19.6	80.8	18.29	16.0	0.0	13.2	13.2	5.4
7	15.4	20.0	16.5	94.2	17.86	15.7	0.3	0.0	0.3	0.0
8	14.0	24.7	18.2	82.3	17.22	15.1	2.0	0.0	2.0	2.9
9	15.4	23.9	19.0	80.2	17.96	15.8	0.0	5.3	5.3	2.0
10	16.0	22.8	18.5	90.1	19.02	16.7	1.0	16.5	17.5	0.8
11	16.4	23.8	18.7	89.2	19.49	17.1	21.2	22.3	43.5	2.1
12	15.4	22.4	18.5	84.4	17.91	15.8	0.0	0.0	0.0	0.1
13	15.8	21.6	18.5	86.9	18.50	16.3	1.2	11.2	12.4	0.0
14	15.0	23.0	18.6	83.0	17.85	15.7	0.1	0.0	0.1	1.4
15	14.8	26.2	19.8	72.7	17.02	14.9	0.0	0.0	0.0	5.6
16	13.8	24.2	20.0	78.8	18.39	16.1	0.0	0.0	0.0	5.1
17	16.4	25.0	18.0	87.3	17.99	15.8	3.8	2.6	6.4	3.9
18	15.9	21.2	18.7	91.8	19.82	17.3	1.6	29.4	31.0	0.5
19	15.2	22.0	18.0	91.8	18.89	16.6	3.5	0.4	3.9	2.5
20	16.0	24.4	19.3	88.6	19.57	17.2	1.5	1.4	2.9	3.1
21	16.2	25.4	20.0	79.2	18.24	16.1	1.2	0.0	1.2	6.2
22	15.7	25.5	19.5	82.8	18.58	16.3	8.0	13.0	21.0	4.8
23	16.2	26.3	20.4	79.2	18.89	16.6	0.0	3.4	3.4	4.5
24	16.7	25.8	20.5	80.4	19.34	17.0	0.0	0.0	0.0	4.9
25	16.2	25.3	20.5	79.8	19.22	16.9	0.0	0.0	0.0	4.2
26	17.0	24.0	19.6	82.7	18.92	16.6	1.2	0.0	1.2	1.2
27	15.8	25.0	20.3	77.1	18.17	16.0	0.0	0.0	0.0	4.1
28	16.4	26.8	21.4	74.1	18.70	16.5	0.0	0.0	0.0	6.0
29	17.2	23.2	18.7	87.1	19.18	16.8	24.9	18.8	43.7	3.2
30	16.5	20.2	17.2	86.6	17.41	15.3	5.4	1.6	7.0	0.5
PROM.	15.7	23.9	19.1	83.6	18.50	16.3	104.1	139.9	244.0	89.8

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	22.8	19.5	82.6	18.78	16.5	1.9	7.6	9.5	0.2
2	15.8	23.4	18.5	87.8	18.95	16.6	12.0	10.0	22.0	0.6
3	15.4	23.2	19.3	87.0	19.33	17.0	0.0	4.0	4.0	0.7
4	16.8	24.6	19.7	83.7	19.40	17.0	0.0	0.0	0.0	3.4
5	15.0	24.4	19.5	84.9	19.36	17.0	26.8	0.0	26.8	2.1
6	16.2	25.8	19.3	81.3	18.29	16.1	2.4	40.3	42.7	4.1
7	15.8	23.6	19.6	82.9	18.69	16.5	1.2	0.0	1.2	2.5
8	16.6	21.0	18.2	92.2	19.31	17.0	7.2	1.5	8.7	0.1
9	15.0	24.0	19.3	81.4	18.06	15.9	0.0	1.6	1.6	2.4
10	16.2	26.8	20.1	76.0	17.87	15.8	0.0	0.0	0.0	5.7
11	15.7	23.4	19.4	80.3	17.94	15.8	0.0	0.0	0.0	1.6
12	16.6	21.2	18.3	88.8	18.80	16.5	1.8	0.4	2.2	0.6
13	15.4	22.0	18.2	83.7	17.15	15.0	0.9	6.7	7.6	0.2
14	15.2	21.5	17.5	86.9	17.57	15.4	23.9	8.5	32.4	0.3
15	14.8	20.4	17.5	91.9	18.48	16.2	0.0	15.1	15.1	0.0
16	14.8	24.1	18.7	83.5	18.06	15.9	0.0	0.0	0.0	5.4
17	15.8	26.0	20.3	80.4	19.23	16.9	17.1	33.1	50.2	4.9
18	16.0	24.0	19.1	89.3	19.66	17.2	0.0	0.0	0.0	3.0
19	16.4	26.2	20.5	80.1	19.44	17.0	0.0	0.0	0.0	4.9
20	15.4	26.4	20.9	75.7	18.54	16.3	0.0	0.0	0.0	7.6
21	16.8	25.0	19.9	83.4	19.65	17.2	1.7	4.6	6.3	3.4
22	15.0	22.8	19.2	81.3	17.89	15.7	0.1	0.0	0.1	1.7
23	14.8	26.7	20.7	73.3	17.95	15.7	0.0	0.8	0.8	8.0
24	16.0	25.3	19.7	84.4	19.93	17.3	3.2	0.2	3.4	3.7
25	15.4	23.2	18.7	82.5	17.95	15.8	3.5	4.4	7.9	0.6
26	15.8	26.0	19.7	81.3	18.90	16.6	0.0	0.0	0.0	4.5
27	15.9	24.9	18.8	85.4	18.82	16.5	0.6	1.6	2.2	3.1
28	15.4	23.8	18.7	88.6	19.28	16.9	3.3	0.0	3.3	1.0
29	15.8	24.0	19.5	80.8	18.33	16.1	0.0	0.0	0.0	1.1
30	16.5	24.2	19.2	87.2	19.89	17.4	9.0	0.0	9.0	1.8
31	15.0	26.2	19.6	79.5	18.11	15.9	29.9	6.4	36.3	6.4
PROM	15.7	24.1	19.3	83.5	18.70	16.4	146.5	146.8	293.3	85.6

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE AÑO: 1.988

ALTITUD: 1.600 LATITUD: 4-55 N. LONGITUD: 75-38 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	16.8	24.5	19.3	83.6	19.21	16.9	2.9	5.3	8.2	2.4
2	15.8	22.5	18.6	91.9	19.67	17.2	1.7	9.3	11.0	1.4
3	15.6	23.4	19.1	84.8	18.97	16.6	0.0	0.0	0.0	1.5
4	15.8	24.8	19.4	76.4	17.11	15.0	0.0	0.0	0.0	4.0
5	15.7	23.0	17.7	91.6	18.59	16.3	17.4	0.0	17.4	2.5
6	15.0	24.0	18.3	80.8	17.22	15.1	5.4	0.0	5.4	4.6
7	14.7	24.8	19.4	82.0	18.46	16.2	0.0	22.6	22.6	4.0
8	16.0	23.4	18.9	86.5	19.06	16.7	0.0	0.2	0.2	0.2
9	16.4	22.5	18.0	95.2	19.66	17.2	1.9	12.3	14.2	1.2
10	14.9	23.6	18.4	84.1	18.21	16.0	1.3	2.6	3.9	3.9
11	15.7	22.4	18.8	82.1	18.01	15.8	0.1	0.0	0.1	0.6
12	15.8	25.4	19.3	80.8	18.28	16.1	0.3	0.7	1.0	3.3
13	16.0	22.2	18.1	87.2	18.36	16.1	2.1	57.1	59.2	0.4
14	15.8	22.4	18.9	84.4	18.63	16.4	0.7	4.0	4.7	0.6
15	16.2	22.5	18.4	89.3	18.84	16.5	0.7	48.4	49.1	1.6
16	15.0	23.5	18.7	82.0	17.67	15.5	0.0	7.0	7.0	1.8
17	15.8	24.1	19.7	82.4	18.99	16.7	7.3	0.0	7.3	2.8
18	14.9	25.2	19.7	79.5	18.31	16.1	1.7	0.0	1.7	3.8
19	16.0	23.8	18.8	84.5	18.29	16.1	6.1	3.7	9.8	2.8
20	15.8	22.6	18.7	85.0	18.33	16.1	0.0	2.4	2.4	2.6
21	16.0	24.8	19.1	83.9	18.71	16.4	1.1	13.2	14.3	3.1
22	16.4	22.0	18.7	86.4	18.99	16.6	5.6	0.0	5.6	2.0
23	14.2	26.0	19.9	79.4	18.58	16.3	28.8	12.4	41.2	5.4
24	16.0	24.0	18.6	85.9	18.79	16.5	6.4	0.0	6.4	2.8
25	15.8	24.2	19.2	81.5	18.51	16.3	1.9	7.5	9.4	3.8
26	15.4	22.8	18.3	83.3	17.69	15.6	0.0	0.0	0.0	3.2
27	15.8	25.1	20.4	79.5	18.88	16.5	0.0	6.6	6.6	4.9
28	16.4	23.5	19.8	84.6	19.76	17.3	0.8	9.7	10.5	1.7
29	16.7	23.4	18.9	83.6	18.66	16.4	2.6	0.2	2.8	1.8
30	16.8	23.8	19.0	86.7	19.35	17.0	1.2	4.6	5.8	3.2
PROM.	15.8	23.7	18.9	84.3	18.59	16.3	98.0	229.8	327.8	77.9

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	15.9	21.4	18.0	89.1	18.53	16.3	1.0	0.2	1.2	1.2
2	16.0	24.8	18.7	82.3	18.02	15.9	1.8	13.5	15.3	3.7
3	15.7	22.5	17.8	82.1	16.86	14.8	2.1	8.8	10.9	1.6
4	14.9	23.6	17.8	85.7	17.62	15.5	12.4	8.6	21.0	2.4
5	15.2	22.6	18.6	84.9	18.02	15.9	1.7	21.4	23.1	0.9
6	15.5	23.8	19.4	82.9	18.63	16.4	0.0	17.6	17.6	4.0
7	16.7	21.0	18.1	87.8	18.26	16.1	31.6	4.9	36.5	0.1
8	15.0	22.5	17.9	86.2	17.87	15.7	2.4	0.0	2.4	1.9
9	15.8	24.5	18.9	81.3	17.70	15.6	0.0	0.0	0.0	4.6
10	15.2	25.4	19.3	75.6	17.13	15.0	0.0	0.0	0.0	5.5
11	14.7	25.0	19.6	77.1	17.66	15.5	0.1	0.0	0.1	4.2
12	15.0	26.8	20.8	76.4	18.59	16.3	0.0	0.0	0.0	5.9
13	16.7	23.0	18.3	85.0	18.21	16.0	1.8	2.5	4.3	1.5
14	16.6	23.2	18.5	86.5	18.54	16.3	0.2	0.0	0.2	0.6
15	15.8	25.8	19.4	76.6	17.33	15.2	0.6	0.0	0.6	5.7
16	16.4	26.4	19.9	77.7	18.13	15.9	0.2	5.3	5.5	5.0
17	15.6	23.4	18.4	82.0	17.60	15.5	0.0	0.0	0.0	1.7
18	15.8	25.8	19.5	77.7	17.30	15.2	0.0	24.6	24.6	7.6
19	15.7	24.6	18.0	86.5	18.26	16.0	0.0	0.0	0.0	2.5
20	15.2	25.0	20.0	73.3	17.05	14.9	2.0	3.8	5.8	5.1
21	15.4	25.4	19.8	74.8	17.42	15.3	0.0	0.0	0.0	4.4
22	15.8	24.5	19.0	80.9	18.08	15.9	10.7	0.0	10.7	3.5
23	15.4	26.2	18.4	79.4	17.15	15.1	0.9	0.2	1.1	5.8
24	15.7	24.2	19.0	80.5	17.90	15.7	3.6	0.1	3.7	2.4
25	15.8	23.8	18.6	79.6	17.37	15.3	19.5	0.3	19.8	2.9
26	15.6	23.6	19.1	86.2	19.14	16.8	0.0	0.0	0.0	1.6
27	16.2	25.7	19.4	79.3	18.15	16.0	9.6	2.8	12.4	1.3
28	15.0	24.4	18.6	87.9	19.20	16.8	0.5	2.4	2.9	1.8
29	15.4	22.5	18.4	89.1	19.02	16.6	0.0	0.0	0.0	0.4
30	15.5	22.8	18.6	85.1	18.27	16.0	2.3	0.0	2.3	2.6
31	15.6	24.2	18.8	78.4	17.03	14.9	1.0	0.0	1.0	4.7
PROM	15.6	24.1	18.9	81.9	17.94	15.8	106.0	117.0	223.0	57.1

ESTACION: EL JAZMIN MUNICIPIO: STA. ROSA DE C. AÑO: 1.988

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	15.8	26.2	20.5	14.0	29.5	79.4	19.03	16.6	211.0	13	
FEBRERO	15.6	25.2	20.5	14.0	29.0	82.5	19.64	17.1	196.7	17	108.9
MARZO	15.9	27.3	21.5	13.2	31.0	76.0	19.16	16.8	119.1	8	159.9
ABRIL	15.6	23.7	19.0	14.2	26.8	86.4	19.00	16.7	487.4	27	67.8
MAYO	15.8	24.3	19.5	13.8	27.3	84.7	19.26	16.8	183.5	25	
JUNIO	15.7	24.3	19.3	14.5	27.2	81.5	18.33	16.1	215.0	24	102.3
JULIO	15.6	24.6	19.6	14.5	26.4	80.8	18.32	16.1	255.8	25	105.9
AGOSTO	15.8	23.6	19.1	14.0	26.2	85.4	18.82	16.5	287.2	26	80.7
SEPTIEMBRE	15.7	23.9	19.1	13.8	26.8	83.6	18.50	16.3	244.0	22	89.8
OCTUBRE	15.7	24.1	19.3	14.8	26.8	83.5	18.70	16.4	293.3	22	85.6
NOVIEMBRE	15.8	23.7	18.9	14.2	26.0	84.3	18.59	16.3	327.8	27	77.9
DICIEMBRE	15.6	24.1	18.9	14.7	26.8	81.5	17.94	15.8	223.0	23	97.1
PROMEDIO	15.7	24.6	19.6	14.1	27.7	82.6	18.77	16.5			
TOTAL									3043.8	259	

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.988

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-32 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	13.5	22.5	17.4	76.8	15.13	13.1	0.0	0.0	0.0	3.7
2	13.0	22.5	17.9	79.0	15.77	13.7	0.0	0.8	0.8	4.0
3	13.6	22.0	17.8	81.9	16.61	14.4	0.4	0.0	0.4	3.1
4	13.0	21.5	18.1	80.3	16.45	14.3	0.0	0.0	0.0	3.3
5	12.2	22.0	17.8	77.3	15.63	13.6	0.0	0.0	0.0	2.8
6	11.5	22.0	16.9	74.7	14.39	12.3	0.0	0.0	0.0	1.9
7	13.5	20.8	16.8	85.8	16.37	14.3	0.0	0.0	0.0	2.2
8	12.5	22.0	17.9	83.4	16.65	14.5	0.0	0.0	0.0	3.9
9	12.0	22.0	16.8	81.7	15.50	13.4	0.0	0.0	0.0	4.4
10	11.0	21.8	16.9	81.7	15.32	13.3	0.0	0.0	0.0	4.1
11	10.0	20.8	16.3	82.0	14.94	12.8	0.0	0.0	0.0	3.7
12	10.5	22.5	15.5	79.1	13.96	11.8	0.2	0.0	0.2	6.6
13	10.4	22.5	16.3	80.0	14.62	12.5	17.1	11.7	28.8	6.4
14	11.5	21.0	16.5	88.4	16.39	14.3	0.0	0.0	0.0	3.3
15	12.0	20.0	15.4	88.6	15.60	13.6	5.1	0.0	5.1	2.9
16	12.0	18.6	14.2	94.3	15.44	13.4	7.1	0.0	7.1	0.8
17	10.0	20.0	15.1	86.5	14.91	12.8	0.0	0.1	0.1	2.7
18	13.0	19.5	15.4	85.4	15.05	13.1	1.2	1.1	2.3	0.6
19	13.5	19.5	16.3	91.3	16.90	14.8	0.5	0.0	0.5	1.6
20	10.5	20.9	16.4	84.1	15.43	13.3	0.0	0.0	0.0	4.0
21	10.6	20.5	16.2	84.2	15.39	13.3	0.0	0.0	0.0	3.9
22	10.0	19.5	14.7	87.6	14.81	12.7	2.4	0.0	2.4	2.4
23	11.0	22.0	16.3	87.5	15.96	13.9	0.0	0.0	0.0	4.7
24	10.5	21.5	16.1	87.8	15.86	13.7	0.1	0.0	0.1	4.5
25	12.0	22.0	17.0	75.8	14.47	12.5	0.0	0.0	0.0	4.7
26	10.5	22.5	16.5	73.7	13.49	11.4	0.0	0.0	0.0	6.1
27	12.5	22.1	16.8	76.4	14.29	12.2	0.0	0.0	0.0	4.4
28	11.5	21.9	16.5	80.0	14.78	12.8	1.1	0.0	1.1	4.6
29	10.6	20.6	14.5	84.3	14.17	12.0	18.5	0.0	18.5	0.2
30	10.3	21.5	15.5	82.3	14.39	12.3	3.5	0.0	3.5	2.7
31	11.5	21.5	16.8	83.4	15.83	13.7	1.9	0.0	1.9	4.3
PROM.	11.6	21.3	16.4	82.8	15.31	13.2	59.1	13.7	72.8	108.5

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	12.5	22.0	16.5	82.8	15.47	13.5	0.0	0.0	0.0	4.8
2	11.5	20.8	15.5	85.1	15.16	13.1	0.0	0.0	0.0	1.7
3	10.6	21.0	15.5	83.7	14.72	12.6	21.7	0.0	21.7	2.9
4	13.0	19.0	16.0	93.6	17.03	15.0	0.0	0.0	0.0	0.0
5	11.5	20.0	15.8	87.8	15.68	13.6	12.0	0.0	12.0	1.2
6	11.5	20.6	15.9	91.6	16.41	14.4	0.0	0.0	0.0	2.1
7	11.5	22.5	16.4	79.9	14.90	12.8	0.0	0.0	0.0	6.3
8	10.5	22.5	16.5	83.0	15.43	13.4	25.0	0.0	25.0	4.3
9	13.5	19.0	16.8	89.9	16.97	14.9	0.0	0.0	0.0	0.0
10	11.5	20.5	15.8	89.2	15.86	13.8	0.0	22.5	22.5	2.4
11	14.0	19.6	15.8	88.5	15.96	14.0	0.0	0.0	0.0	0.2
12	11.5	21.6	15.6	94.5	16.84	14.7	22.0	0.0	22.0	2.6
13	13.0	20.0	15.8	89.5	15.94	13.9	0.0	0.0	0.0	1.9
14	12.5	21.0	16.5	86.3	16.04	13.9	0.0	0.0	0.0	3.1
15	12.0	21.1	16.4	83.2	15.30	13.1	10.0	0.0	10.0	3.6
16	10.5	21.5	15.6	84.6	14.92	12.8	0.0	0.0	0.0	4.5
17	12.5	23.8	16.3	81.5	15.18	13.1	0.0	0.0	0.0	4.3
18	10.8	23.0	17.5	77.4	15.25	13.1	0.0	0.0	0.0	7.0
19	12.6	23.5	17.5	79.0	15.40	13.4	0.0	0.0	0.0	6.2
20	12.2	22.5	17.4	82.5	16.06	13.9	0.0	0.0	0.0	5.5
21	10.5	22.0	16.7	77.7	14.53	12.4	0.0	0.0	0.0	4.4
22	11.8	20.0	16.3	75.1	13.96	11.6	0.0	0.0	0.0	0.4
23	12.0	21.0	16.8	86.3	16.63	14.6	0.0	0.0	0.0	2.3
24	12.0	20.0	16.6	87.8	16.63	14.5	0.0	0.0	0.0	1.4
25	10.0	20.8	15.0	91.3	15.67	13.6	10.0	0.0	10.0	1.6
26	13.0	19.0	14.8	96.7	16.18	14.1	1.3	22.0	23.3	0.7
27	12.0	15.0	14.3	96.4	15.74	13.8	37.0	0.0	37.0	0.0
28	11.0	21.0	16.2	86.7	15.81	13.8	0.0	0.0	0.0	5.5
29	10.0	22.0	16.8	73.5	13.65	11.6	0.0	0.0	0.0	6.1
PROM	11.8	20.9	16.2	85.7	15.63	13.6	139.0	44.5	183.5	87.0

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.988

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-32 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	11.0	21.9	16.8	76.3	14.40	12.4	0.0	0.0	0.0	5.0
2	11.5	21.0	17.1	78.7	14.90	12.7	0.0	0.0	0.0	5.9
3	10.0	21.6	17.6	81.0	16.30	14.3	0.0	0.0	0.0	3.2
4	11.5	21.0	16.8	80.4	15.14	13.1	0.0	0.0	0.0	3.2
5	10.0	21.6	16.3	79.1	14.22	12.1	0.0	0.0	0.0	4.0
6	10.5	21.1	16.9	79.2	14.86	12.7	0.0	0.0	0.0	3.2
7	10.0	20.2	16.3	76.6	13.99	11.8	0.0	0.0	0.0	3.8
8	10.0	20.2	16.2	81.7	14.97	12.8	0.0	74.0	74.0	1.8
9	11.5	19.7	15.5	87.2	15.36	13.4	44.1	20.0	64.1	0.0
10	11.0	20.6	14.6	84.1	14.04	12.0	31.9	1.0	32.9	4.5
11	10.0	21.1	15.7	74.9	13.08	10.8	2.0	0.0	2.0	5.3
12	9.6	21.1	15.0	79.3	13.65	11.6	9.9	0.0	9.9	4.9
13	9.0	22.1	14.8	78.1	13.05	10.8	15.1	0.0	15.1	6.0
14	9.5	23.0	15.6	75.6	13.19	11.0	10.1	0.0	10.1	5.7
15	10.0	22.1	15.7	75.9	13.30	11.1	0.7	0.0	0.7	5.3
16	10.0	19.0	14.8	89.3	14.97	12.9	0.0	0.0	0.0	1.9
17	10.3	21.5	16.2	81.5	14.75	12.7	0.8	0.0	0.8	4.4
18	10.6	17.0	13.5	81.8	12.64	10.4	0.0	0.0	0.0	4.3
19	12.0	23.5	17.0	81.1	15.45	13.4	0.0	0.0	0.0	8.5
20	12.0	24.0	17.0	72.1	13.37	11.1	0.0	0.0	0.0	7.6
21	12.5	23.0	16.4	77.1	14.58	12.6	0.0	0.0	0.0	5.5
22	11.5	21.7	15.8	77.8	13.98	11.9	0.0	0.0	0.0	3.9
23	10.0	23.0	16.1	80.7	14.53	12.4	0.0	0.0	0.0	3.4
24	9.7	22.0	16.0	73.5	13.37	11.1	0.0	0.0	0.0	5.1
25	9.5	22.8	16.3	77.3	14.31	12.1	0.0	0.0	0.0	4.6
26	11.0	20.5	16.0	78.9	14.36	12.3	0.0	0.0	0.0	1.7
27	12.2	20.6	16.3	83.9	15.50	13.5	0.0	0.0	0.0	1.3
28	11.5	21.2	16.0	86.2	15.66	13.7	1.1	0.0	1.1	2.6
29	11.6	20.4	16.0	91.9	16.78	14.7	0.1	2.0	2.1	0.2
30	13.0	20.4	15.3	96.5	17.01	14.9	11.1	0.0	11.1	1.1
31	11.0	21.9	16.1	87.5	16.01	13.9	16.1	2.2	18.3	4.3
PROM.	10.8	21.3	16.0	80.8	14.57	12.5	143.0	99.2	242.2	122.2

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	11.0	20.0	16.7	89.7	16.71	14.7	0.4	0.6	1.0	0.6
2	13.3	18.3	15.8	93.0	16.64	14.5	5.6	0.0	5.6	0.1
3	13.5	20.0	14.9	90.5	15.57	13.6	36.6	1.7	38.3	0.5
4	12.0	20.0	16.4	88.6	16.44	14.4	0.9	0.0	0.9	0.0
5	12.0	20.5	15.3	94.1	16.56	14.4	37.7	4.1	41.8	0.3
6	13.3	16.0	14.8	95.5	15.99	14.0	20.4	0.0	20.4	0.0
7	12.4	18.6	14.8	91.1	15.35	13.4	10.4	0.0	10.4	0.0
8	12.0	20.0	15.5	88.3	15.64	13.7	0.2	0.4	0.6	3.0
9	13.3	18.3	15.5	95.5	16.92	14.9	2.2	4.0	6.2	0.8
10	13.0	18.0	14.8	91.2	15.47	13.5	2.8	5.3	8.1	0.0
11	12.0	17.5	14.6	92.9	15.62	13.6	9.0	0.1	9.1	0.0
12	12.4	18.0	15.0	91.3	15.61	13.7	4.5	39.2	43.7	0.0
13	13.2	16.8	14.1	94.0	15.36	13.4	9.3	0.0	9.3	0.0
14	11.4	20.0	15.5	87.4	15.33	13.2	0.6	0.0	0.6	3.2
15	11.8	18.4	14.9	88.8	15.01	13.0	1.2	3.4	4.6	1.1
16	11.5	20.0	16.4	83.1	15.22	13.2	0.9	0.0	0.9	1.4
17	11.4	20.5	16.5	80.4	14.92	12.7	0.0	0.0	0.0	3.7
18	11.5	19.0	15.5	81.9	14.29	12.2	0.0	0.0	0.0	1.1
19	11.5	20.5	15.4	87.9	15.37	13.3	0.0	0.0	0.0	2.4
20	11.4	20.5	15.7	83.8	14.88	12.9	0.0	0.0	0.0	2.7
21	12.0	19.0	14.8	87.4	14.72	12.7	2.2	0.0	2.2	0.8
22	10.0	20.0	14.5	83.8	13.90	11.8	14.0	0.0	14.0	2.5
23	10.5	20.0	16.3	83.5	15.17	13.1	1.8	0.0	1.8	1.9
24	10.0	20.5	15.2	90.7	15.65	13.5	3.1	1.2	4.3	3.0
25	11.5	20.2	14.7	84.4	14.37	12.4	14.3	0.0	14.3	1.6
26	10.5	19.5	14.9	89.5	15.29	13.1	11.7	0.0	11.7	0.6
27	10.5	19.5	15.1	87.8	15.15	13.1	4.7	0.0	4.7	1.3
28	10.5	21.5	15.8	82.1	14.80	12.7	7.2	0.0	7.2	3.3
29	11.5	19.5	15.5	88.8	15.65	13.6	0.9	1.1	2.0	0.1
30	12.0	20.3	15.7	84.3	15.19	13.2	0.9	7.1	8.0	3.1
PROM	11.8	19.4	15.4	88.4	15.43	13.4	203.5	68.2	271.7	39.1

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.988

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

M E S – MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	12.0	19.8	14.5	87.8	15.05	12.9	6.5	3.3	9.8	0.0
2	11.5	20.5	15.5	78.1	13.40	11.3	3.6	0.0	3.6	
3	11.0	19.0	14.5	84.6	14.07	12.1	0.0	0.0	0.0	0.3
4	11.5	18.2	14.8	87.3	14.57	12.6	9.4	0.0	9.4	0.0
5	11.0	19.1	15.0	89.8	15.36	13.3	5.5	0.5	6.0	2.5
6	11.5	20.0	14.9	87.5	15.30	13.2	9.8	0.0	9.8	1.9
7	11.5	20.6	15.8	89.8	16.24	14.0	15.0	0.0	15.0	4.7
8	11.8	20.0	15.9	89.8	16.26	14.1	2.5	0.0	2.5	2.7
9	13.0	19.8	16.2	83.1	15.20	13.2	0.1	0.0	0.1	1.4
10	12.8	19.8	14.8	81.9	13.88	11.9	2.7	0.0	2.7	1.7
11	11.5	20.0	14.7	85.2	14.38	12.3	1.1	0.2	1.3	1.7
12	12.6	19.4	16.4	80.0	14.68	12.7	0.0	0.0	0.0	1.8
13	11.2	19.4	15.0	84.2	14.28	12.2	2.7	0.7	3.4	2.2
14	13.0	18.4	15.3	85.5	14.95	13.1	4.8	0.0	4.8	0.2
15	11.0	19.0	14.4	80.8	13.09	11.1	0.8	0.1	0.9	2.4
16	10.8	20.8	15.6	83.3	14.65	12.6	5.0	0.0	5.0	4.6
17	11.8	19.6	15.5	91.0	15.97	13.5	0.0	0.0	0.0	1.6
18	13.0	17.8	14.6	92.2	15.44	13.5	1.5	0.0	1.5	0.1
19	11.8	20.0	15.2	86.5	14.97	13.0	0.5	0.0	0.5	2.4
20	12.8	18.0	15.0	88.5	15.08	13.1	8.6	0.0	8.6	2.1
21	12.5	18.5	14.8	91.0	15.54	13.5	5.5	0.0	5.5	1.9
22	11.5	19.0	15.0	84.6	14.31	12.3	3.4	0.0	3.4	3.1
23	13.8	19.0	15.3	85.8	15.19	13.2	0.0	0.0	0.0	0.5
24	12.8	21.2	16.0	81.7	14.97	13.0	6.9	0.0	6.9	3.6
25	13.4	19.5	16.2	91.8	16.94	14.5	0.7	1.5	2.2	0.5
26	14.0	18.8	15.7	87.6	15.70	13.7	9.8	1.1	10.9	0.7
27	12.2	18.4	14.8	85.5	14.40	12.4	5.2	25.3	30.5	0.7
28	13.2	18.6	15.3	83.2	14.48	12.5	5.5	0.0	5.5	0.0
29	12.0	20.0	14.5	81.5	13.75	11.7	10.7	17.4	28.1	2.6
30	11.9	18.5	15.7	82.5	14.48	12.5	0.0	0.6	0.6	1.8
31	11.8	18.2	14.9	89.2	15.03	13.0	6.1	7.4	13.5	1.4
PROM.	12.1	19.3	15.2	85.5	14.89	12.9	133.9	58.1	192.0	

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	12.0	19.0	15.4	84.9	14.86	12.9	0.1	0.0	0.1	2.2
2	13.4	19.8	15.6	77.0	13.56	11.4	1.7	4.8	6.5	1.1
3	12.8	18.4	15.4	87.4	15.32	13.3	0.1	0.0	0.1	0.0
4	10.0	20.0	15.4	82.8	14.30	12.2	0.0	0.0	0.0	3.6
5	11.8	21.8	16.2	74.4	13.21	10.9	0.0	0.0	0.0	7.8
6	11.4	20.1	15.3	84.2	14.56	12.6	2.6	0.0	2.6	4.9
7	11.0	20.3	15.2	80.0	13.73	11.6	10.0	0.0	10.0	4.5
8	10.8	19.6	15.7	83.6	14.68	12.6	0.0	0.0	0.0	2.5
9	11.0	18.5	15.5	86.2	15.06	13.0	0.6	0.0	0.6	1.7
10	11.7	21.0	16.2	61.7	10.64	7.7	0.0	0.0	0.0	1.7
11	11.0	21.2	15.8	71.6	12.32	9.6	0.4	0.1	0.5	4.0
12	10.7	17.6	13.7	93.4	14.56	12.6	6.0	0.0	6.0	1.5
13	10.8	19.0	15.1	89.7	15.23	13.2	4.9	1.9	6.8	1.3
14	12.7	19.7	14.4	87.7	14.60	12.6	4.1	0.0	4.1	0.6
15	11.4	20.2	15.3	80.9	14.01	11.9	0.0	0.0	0.0	4.4
16	10.8	17.8	14.0	90.7	14.59	12.5	31.9	4.9	36.8	0.7
17	11.0	17.9	14.1	89.1	14.47	12.5	1.9	0.0	1.9	1.1
18	12.0	16.4	14.4	96.0	15.77	13.8	14.5	9.5	24.0	0.1
19	12.0	18.2	14.8	92.9	15.59	13.6	0.8	0.8	1.6	0.5
20	11.4	18.0	14.9	84.1	14.10	12.0	0.0	0.0	0.0	5.0
21	10.0	19.0	13.8	84.9	13.21	11.1	0.8	0.0	0.8	3.9
22	10.0	19.2	13.1	87.7	13.29	11.2	3.9	13.3	17.2	2.7
23	11.2	17.6	14.2	89.5	14.59	12.6	3.2	11.4	14.6	1.5
24	10.9	16.4	13.5	90.6	14.00	11.9	0.8	5.2	6.0	0.3
25	11.6	17.0	13.7	96.0	15.38	13.3	10.5	0.0	10.5	1.4
26	8.9	17.5	12.5	92.2	13.69	11.4	1.0	0.0	1.0	2.9
27	10.0	18.4	14.1	87.2	14.05	12.0	0.0	0.3	0.3	5.1
28	10.4	17.0	13.3	87.0	13.26	11.1	9.3	0.2	9.5	1.5
29	9.8	17.5	12.3	91.2	13.32	11.2	16.3	4.3	20.6	3.4
30	9.7	16.0	13.0	88.5	13.25	11.0	0.5	0.0	0.5	2.5
PROM	11.1	18.7	14.5	85.8	14.11	12.0	125.9	56.7	182.6	74.4

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.968

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

M E S – JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	10.8	18.4	14.7	88.8	14.64	12.6	2.3	0.3	2.6	1.4
2	13.0	18.2	14.7	92.3	15.53	13.5	4.8	2.9	7.7	0.8
3	12.0	17.8	14.6	91.7	15.15	13.2	9.3	0.1	9.4	1.9
4	12.8	15.6	13.5	93.3	14.43	12.5	11.7	8.9	20.6	0.0
5	12.6	16.4	14.6	93.2	15.30	13.3	1.4	0.0	1.4	0.2
6	11.5	17.0	14.3	94.4	15.23	13.2	0.6	1.6	2.2	0.4
7	11.3	20.0	15.9	88.2	15.96	13.9	5.6	1.1	6.7	2.7
8	12.0	18.8	15.4	87.8	15.19	13.2	15.7	0.5	16.2	2.5
9	11.9	20.2	14.8	88.0	14.85	12.8	0.0	0.0	0.0	3.7
10	11.0	18.6	15.1	82.9	13.95	11.8	0.0	0.0	0.0	2.9
11	10.9	19.5	14.6	82.6	13.69	11.6	0.0	0.0	0.0	3.7
12	11.7	19.7	14.8	81.8	13.93	11.9	0.0	0.0	0.0	4.6
13	10.7	20.0	14.5	69.0	10.89	7.9	0.0	0.0	0.0	6.3
14	11.0	20.3	15.5	80.0	13.92	11.8	2.6	0.0	2.6	4.7
15	11.8	20.0	15.3	73.5	12.71	10.5	0.0	0.0	0.0	5.8
16	11.0	19.0	15.5	73.6	12.70	10.5	0.0	0.0	0.0	3.1
17	11.4	19.4	15.8	80.0	14.12	12.0	1.7	0.0	1.7	3.0
18	11.0	18.2	14.8	81.2	13.63	11.5	0.0	0.0	0.0	3.3
19	11.0	18.8	15.1	86.2	14.61	12.6	0.0	0.0	0.0	0.8
20	10.8	18.5	15.0	79.1	13.33	11.2	0.5	0.0	0.5	2.1
21	11.0	19.4	15.0	84.8	14.56	12.5	0.0	0.0	0.0	3.1
22	11.0	18.2	14.8	86.1	14.35	12.3	6.4	0.4	6.8	0.7
23	11.1	18.0	14.7	84.5	14.00	12.0	1.5	0.0	1.5	0.0
24	11.2	18.7	14.8	85.6	14.30	12.2	0.0	6.2	6.2	2.6
25	11.8	20.8	15.6	79.7	13.79	11.7	0.0	1.9	1.9	4.0
26	12.4	19.4	14.9	84.9	14.31	12.3	2.5	0.0	2.5	3.9
27	11.4	19.2	15.6	84.3	14.77	12.7	0.6	0.0	0.6	3.1
28	10.8	20.2	15.7	81.3	14.19	12.0	4.0	0.5	4.5	4.7
29	11.0	19.0	15.5	79.2	13.76	11.6	0.7	1.0	1.7	2.0
30	12.8	18.8	14.7	89.2	14.98	13.0	9.8	0.0	9.8	1.3
31	12.2	18.4	14.5	84.7	13.95	11.9	4.9	0.0	4.9	1.2
PROM.	11.5	18.9	15.0	84.3	14.22	12.1	86.6	25.4	112.0	80.5

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	10.8	18.5	14.2	89.5	14.34	12.3	14.8	0.0	14.8	2.0
2	12.0	19.4	14.7	79.8	13.23	11.0	14.0	0.2	14.2	1.2
3	12.6	18.2	15.5	87.3	15.17	13.1	0.0	0.0	0.0	1.4
4	12.8	17.8	15.5	88.4	15.57	13.6	0.6	0.0	0.6	0.8
5	12.7	19.8	15.8	78.7	13.91	11.8	0.4	0.0	0.4	2.5
6	12.0	20.8	15.7	76.8	13.35	11.1	0.5	0.0	0.5	7.2
7	11.8	18.8	15.5	77.3	13.23	11.0	16.8	0.0	16.8	3.6
8	13.0	18.4	14.7	90.4	15.27	13.3	13.9	3.8	17.7	0.4
9	12.0	21.0	15.8	71.5	12.53	10.2	0.0	0.0	0.0	7.0
10	11.6	21.2	16.3	67.9	12.09	9.4	0.0	0.0	0.0	3.8
11	12.2	20.0	14.9	80.2	13.50	11.4	0.0	0.0	0.0	2.0
12	10.8	18.4	14.4	83.5	13.52	11.4	9.9	0.0	9.9	2.3
13	12.0	19.8	16.4	84.5	15.61	13.5	0.6	0.0	0.6	4.3
14	11.8	18.0	15.4	86.4	14.97	12.9	0.5	0.0	0.5	0.6
15	12.8	19.0	15.2	73.3	12.76	10.5	0.0	0.0	0.0	3.1
16	11.8	18.5	15.2	87.9	15.16	13.2	3.1	0.0	3.1	3.0
17	10.8	17.8	14.8	81.2	13.61	11.5	13.0	0.4	13.4	0.0
18	11.8	18.8	15.7	79.6	13.96	11.9	0.0	0.0	0.0	3.6
19	10.7	18.0	14.5	84.6	13.88	11.8	4.9	23.5	28.4	0.7
20	12.5	17.0	13.9	88.6	14.29	12.3	6.7	0.2	6.9	0.9
21	11.8	15.4	13.8	91.4	14.31	12.3	5.2	19.2	24.4	0.1
22	11.0	17.8	14.7	84.7	14.01	11.9	3.1	0.0	3.1	1.2
23	10.0	19.6	14.1	86.6	13.79	11.6	1.6	0.0	1.6	4.9
24	12.4	18.0	15.1	82.4	13.97	11.9	0.1	0.0	0.1	0.9
25	12.5	16.8	14.7	81.7	13.56	11.5	10.8	0.0	10.8	0.1
26	11.0	17.5	14.6	84.4	13.85	11.7	3.3	3.3	6.6	2.2
27	12.7	18.2	14.2	86.0	13.77	11.7	7.6	0.0	7.6	1.2
28	12.0	18.5	15.0	83.1	14.01	12.0	0.0	0.1	0.1	2.2
29	10.4	17.4	13.8	84.5	13.36	11.2	4.9	0.7	5.6	1.1
30	11.6	16.8	13.6	88.2	13.79	11.8	10.9	1.2	12.1	0.1
31	11.8	16.2	13.4	86.2	13.27	11.2	17.9	0.0	17.9	0.0
PROM	11.8	18.4	14.9	83.1	13.92	11.8	165.1	52.6	217.7	64.4

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.968

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-32 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	11.8	19.4	14.5	80.0	13.29	11.2	24.4	0.2	24.6	1.8
2	12.0	19.6	15.6	85.6	15.23	13.2	6.3	0.0	6.3	2.6
3	12.8	19.2	14.9	83.5	14.11	12.1	0.0	0.3	0.3	3.0
4	11.6	18.6	14.4	76.8	12.45	10.2	0.0	0.1	0.1	5.3
5	11.0	18.0	13.7	83.8	13.29	11.2	0.0	0.0	0.0	2.6
6	10.4	19.4	14.0	86.0	13.73	11.7	28.6	0.0	28.6	2.9
7	11.0	17.0	12.7	87.4	12.75	10.6	6.6	0.0	6.6	0.0
8	10.4	18.2	14.2	81.4	12.97	10.8	0.7	0.0	0.7	0.2
9	10.6	18.0	13.8	83.2	13.03	10.9	5.8	1.8	7.6	2.3
10	12.2	17.0	14.7	88.2	14.66	12.7	4.2	7.7	11.9	0.4
11	12.4	17.6	14.4	85.2	14.03	12.0	5.2	45.8	51.0	1.0
12	12.0	19.0	14.6	80.0	13.34	11.3	28.0	0.2	28.2	0.6
13	12.6	16.4	14.2	85.5	13.77	11.7	13.9	9.3	23.2	0.0
14	11.8	17.5	13.9	86.9	13.86	11.8	1.4	0.0	1.4	0.5
15	10.2	20.0	13.5	86.1	13.09	11.0	22.7	0.0	22.7	4.3
16	10.0	19.8	15.0	82.4	13.96	11.9	0.0	0.0	0.0	4.6
17	11.0	19.2	14.6	84.6	14.03	11.9	0.0	0.0	0.0	3.1
18	12.0	18.6	14.9	81.3	13.63	11.5	0.0	0.2	0.2	1.7
19	12.8	18.8	14.5	85.1	14.15	12.1	0.0	6.5	6.5	2.0
20	11.7	18.0	14.9	85.4	14.48	12.5	2.0	3.1	5.1	0.9
21	12.6	18.6	15.4	81.2	14.10	12.1	0.0	0.0	0.0	2.3
22	11.0	18.8	15.1	84.3	14.19	12.1	0.0	2.0	2.0	2.2
23	13.0	19.8	14.6	83.6	14.03	12.0	6.0	0.0	6.0	2.6
24	11.8	20.0	15.5	82.9	14.42	12.4	5.3	0.1	5.4	3.6
25	11.7	19.8	15.7	83.4	14.70	12.7	0.0	1.0	1.0	2.5
26	12.6	19.2	15.2	85.3	14.86	12.9	1.5	0.0	1.5	3.0
27	10.6	20.0	15.3	80.5	13.82	11.7	0.0	0.0	0.0	3.9
28	11.5	19.9	15.3	81.2	13.99	12.0	0.1	0.0	0.1	3.3
29	11.0	19.4	15.4	84.3	14.73	12.7	2.1	25.2	27.3	3.2
30	13.0	17.0	14.6	88.1	14.70	12.7	3.8	0.0	3.8	0.7
PROM.	11.6	18.7	14.6	83.8	13.91	11.9	168.6	103.5	272.1	67.1

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	11.8	18.6	14.4	82.8	13.44	11.3	4.2	0.4	4.6	1.4
2	12.8	18.0	14.9	86.8	14.77	12.8	29.8	0.0	29.8	0.1
3	13.0	17.5	14.9	87.5	14.69	12.7	5.9	0.0	5.9	0.0
4	11.0	18.0	14.1	84.0	13.64	11.5	2.4	0.0	2.4	2.5
5	10.8	17.4	14.6	87.3	14.49	12.4	0.7	0.0	0.7	1.6
6	11.2	19.8	14.9	82.8	13.98	12.0	20.5	5.5	26.4	1.9
7	13.0	17.6	14.9	89.8	15.12	13.1	2.0	0.0	2.0	1.0
8	13.0	17.4	15.3	84.7	14.66	12.7	0.4	0.0	0.4	0.1
9	12.0	18.4	14.9	86.9	14.59	12.6	6.5	0.0	6.5	1.9
10	10.5	19.4	14.0	80.0	12.82	10.7	30.7	0.0	30.7	3.1
11	10.2	18.0	14.5	84.9	13.92	11.8	1.7	3.3	5.0	1.9
12	12.6	17.6	14.0	86.4	13.81	11.8	38.3	4.6	42.9	0.3
13	12.7	17.8	14.1	86.9	14.01	12.0	5.9	42.7	48.6	0.1
14	12.8	16.0	13.9	89.0	14.14	12.1	18.1	36.4	54.5	0.0
15	12.8	16.2	14.3	88.7	14.35	12.4	3.0	1.1	4.1	0.0
16	11.8	18.2	14.1	86.4	13.91	11.9	8.9	0.0	8.9	1.4
17	11.0	19.0	14.6	83.2	14.04	12.0	6.8	11.5	18.3	3.7
18	11.8	19.2	15.3	78.6	13.54	11.5	3.5	0.0	3.5	0.9
19	12.7	20.4	16.3	64.1	11.05	9.1	0.0	0.0	0.0	3.6
20	11.0	20.2	15.9	71.9	12.59	10.3	0.0	0.0	0.0	5.4
21	12.8	20.0	15.4	74.4	12.96	10.8	0.3	1.4	1.7	0.9
22	12.6	19.9	15.0	80.6	13.72	11.7	1.5	0.0	1.5	0.5
23	10.6	20.5	15.6	77.0	13.24	11.0	0.0	0.0	0.0	4.1
24	10.8	19.4	14.8	75.3	12.64	10.4	11.2	0.0	11.2	3.6
25	11.4	18.0	14.0	88.9	14.26	12.2	52.3	0.1	52.4	0.5
26	11.8	20.0	14.5	85.7	14.36	12.3	4.2	0.0	4.2	4.2
27	11.5	18.7	14.8	81.6	13.65	11.6	1.2	2.5	3.7	1.0
28	12.7	17.8	14.9	86.6	14.70	12.7	13.8	0.0	13.8	0.5
29	11.8	18.6	15.2	83.8	14.29	12.2	1.7	0.0	1.7	2.4
30	11.7	19.5	15.1	80.4	13.79	11.8	16.6	0.0	16.6	1.4
31	12.0	18.9	14.4	81.9	13.46	11.4	3.1	0.0	3.1	3.0
PROM	11.9	18.6	14.8	82.9	13.85	11.8	307.2	109.9	417.1	53.0

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.988

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD: 75-32 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	11.9	19.6	15.3	79.6	13.68	11.6	2.7	2.6	5.3	2.2
2	12.0	17.0	14.3	88.9	14.49	12.5	13.6	7.5	21.1	1.2
3	11.8	18.2	15.0	83.4	14.17	12.2	6.3	0.0	6.3	1.7
4	11.0	20.0	15.3	81.6	14.05	12.0	0.0	0.0	0.0	3.0
5	11.7	19.6	14.7	93.4	15.73	13.7	9.8	0.0	9.8	3.1
6	12.0	20.2	13.8	97.0	15.17	13.2	31.9	0.0	31.9	2.5
7	11.0	19.0	14.5	95.5	15.67	13.6	16.8	17.6	34.4	1.9
8	12.8	18.8	14.5	95.3	15.92	13.9	10.1	0.0	10.1	1.8
9	11.8	18.4	15.1	91.5	15.68	13.7	12.7	0.1	12.8	0.6
10	13.0	18.2	14.7	94.6	16.08	14.1	23.9	0.0	23.9	1.4
11	12.8	17.6	14.8	89.8	15.25	13.3	13.2	0.0	13.2	0.0
12	12.0	19.0	15.6	86.0	15.11	13.1	0.2	0.0	0.2	0.6
13	12.8	17.8	15.0	90.8	15.44	13.4	6.4	0.5	6.9	0.6
14	12.4	18.2	15.1	92.8	16.09	14.1	10.7	6.4	17.1	0.3
15	12.0	18.4	14.6	86.1	14.24	12.2	14.5	38.5	53.0	0.2
16	11.8	17.8	14.9	86.9	14.70	12.7	1.2	39.9	41.1	0.4
17	12.4	19.0	14.5	88.8	14.72	12.8	0.0	0.0	0.0	0.7
18	11.7	18.0	14.1	90.0	14.66	12.7	44.0	2.2	46.2	1.5
19	12.0	19.4	15.0	89.5	15.54	13.5	16.6	10.2	26.8	2.0
20	11.8	18.2	14.4	87.6	14.35	12.4	11.4	7.7	19.1	1.2
21	12.8	17.5	14.7	84.3	14.21	12.2	16.3	6.1	22.4	0.7
22	11.8	17.0	13.9	91.4	14.49	12.5	26.2	0.0	26.2	0.7
23	10.0	19.4	14.8	81.3	13.45	11.3	2.2	0.0	2.2	3.6
24	13.0	18.6	15.5	80.4	14.08	12.1	22.2	0.0	22.2	1.2
25	11.8	18.8	14.3	86.3	14.07	12.1	4.0	12.0	16.0	1.5
26	12.0	18.2	14.3	84.6	13.86	11.8	9.4	0.0	9.4	2.9
27	11.2	18.8	15.3	82.7	14.22	12.2	0.4	0.0	0.4	2.9
28	11.9	19.0	15.4	76.6	13.15	10.9	0.1	0.6	0.7	1.3
29	12.0	17.2	14.3	88.0	14.36	12.4	13.7	0.3	14.0	0.1
30	11.0	18.0	14.3	85.3	13.92	11.8	2.9	0.0	2.9	2.0
PROM.	11.9	18.5	14.7	87.7	14.68	12.7	343.4	152.2	495.6	43.8

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	10.8	18.0	13.8	88.4	13.85	11.8	2.6	30.9	33.5	0.9
2	12.4	17.5	14.1	89.6	14.55	12.6	8.0	13.1	21.1	0.1
3	12.0	17.0	13.9	86.4	13.87	11.8	31.5	0.0	31.5	0.0
4	11.8	18.0	14.0	86.1	13.84	11.8	2.0	1.5	3.5	0.5
5	11.4	18.2	13.5	87.2	13.60	11.5	8.8	34.1	42.9	0.3
6	12.1	17.5	14.0	89.8	14.35	12.4	1.9	0.7	2.6	2.5
7	12.0	15.0	13.3	92.9	14.16	12.2	26.7	1.2	27.9	0.0
8	11.6	15.8	13.3	86.6	13.23	11.1	2.3	0.3	2.6	0.0
9	10.8	18.0	14.5	87.9	14.48	12.4	1.3	0.0	1.3	2.4
10	10.4	19.4	14.8	78.8	13.29	11.1	1.0	0.0	1.0	4.0
11	10.0	19.8	15.8	82.1	14.44	12.2	0.6	0.0	0.6	4.4
12	9.8	19.0	14.4	81.2	13.12	10.9	0.0	0.0	0.0	3.0
13	10.2	18.2	13.8	84.6	13.42	11.3	2.4	0.0	2.4	2.2
14	11.8	17.0	13.8	84.6	13.44	11.4	2.7	0.0	2.7	0.1
15	10.6	19.0	14.6	81.9	13.44	11.3	0.3	0.0	0.3	4.6
16	10.4	18.8	14.5	78.4	12.90	10.7	0.3	0.0	0.3	3.4
17	11.2	18.0	13.7	84.9	13.49	11.4	2.0	0.0	2.0	1.9
18	11.0	18.4	15.1	80.0	13.71	11.6	0.0	7.1	7.1	1.7
19	11.3	17.6	13.3	93.7	14.41	12.4	5.4	0.0	5.4	2.4
20	9.0	18.0	13.3	86.9	13.23	11.0	0.0	0.0	0.0	2.2
21	9.0	18.4	14.1	80.9	12.95	10.7	5.4	0.0	5.4	2.5
22	10.0	18.8	13.6	85.2	13.20	11.0	7.5	0.0	7.5	2.7
23	9.9	19.2	14.2	82.7	13.23	11.0	11.4	0.0	11.4	4.7
24	10.8	18.4	13.9	88.2	13.94	11.9	7.7	0.0	7.7	2.3
25	11.2	18.2	14.8	86.7	14.57	12.5	13.1	0.3	13.4	1.4
26	11.9	17.4	14.6	90.8	14.96	13.0	16.4	1.6	18.0	1.2
27	10.8	18.2	14.5	83.4	13.71	11.6	2.9	0.0	2.9	1.3
28	10.9	18.0	14.3	84.2	13.56	11.5	59.9	1.3	61.2	0.8
29	12.8	17.6	14.8	93.6	15.63	13.6	23.4	0.0	23.4	0.7
30	10.7	18.0	14.3	87.2	14.10	12.0	8.0	0.0	8.0	1.9
31	11.0	18.2	14.7	91.3	15.30	13.2	8.4	0.0	8.4	1.8
PROM	11.0	18.0	14.2	86.0	13.87	11.8	263.9	92.1	356.0	57.9

ESTACION: EL CEDRAL MUNICIPIO: PEREIRA AÑO: 1.988

ALTITUD: 2.120 LATITUD: 4-47 N. LONGITUD 75-32 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	11.6	21.3	16.4	10.0	22.5	82.8	15.31	13.2	72.8	15	108.5
FEBRERO	11.8	20.9	16.2	10.0	23.8	85.7	15.63	13.6	183.5	9	87.0
MARZO	10.8	21.3	16.0	9.0	24.0	80.8	14.57	12.5	242.2	13	122.2
ABRIL	11.8	19.4	15.4	10.0	21.5	88.4	15.43	13.4	271.7	26	39.1
MAYO	12.1	19.3	15.2	10.8	21.2	85.5	14.89	12.9	192.0	27	
JUNIO	11.1	18.7	14.5	8.5	21.8	85.8	14.11	12.0	182.6	24	74.4
JULIO	11.5	18.9	15.0	10.7	20.8	84.3	14.22	12.1	112.0	21	80.5
AGOSTO	11.8	18.4	14.9	10.0	21.2	83.1	13.92	11.8	217.7	25	64.4
SEPTIEMBRE	11.6	18.7	14.6	10.0	20.0	83.8	13.91	11.9	272.1	25	67.1
OCTUBRE	11.9	18.6	14.8	10.2	20.5	82.5	13.85	11.8	417.1	29	53.0
NOVIEMBRE	11.9	18.5	14.7	10.0	20.2	87.7	14.08	12.7	495.6	28	43.8
DICIEMBRE	11.0	18.0	14.2	9.0	19.8	86.0	13.87	11.8	356.0	29	57.9
PROMEDIO	11.6	19.3	15.2	9.9	21.4	85.0	14.53	12.5			
TOTAL									3015.3	271	

ESTACION: LA CATALINA MUNICIPIO: PEREIRA AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-47 N. LONGITUD: 76-41 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	17.5	28.0	22.5	74.6	19.79	17.3	0.0	0.0	0.0	9.0
2	17.6	28.0	22.9	75.4	20.54	17.9	0.0	0.0	0.0	8.1
3	18.0	27.4	22.9	78.6	21.51	18.6	0.0	0.2	0.2	6.6
4	18.0	29.3	23.4	76.0	21.57	18.7	0.0	0.0	0.0	6.4
5	18.0	29.0	24.0	75.1	21.60	18.7	0.0	0.0	0.0	6.2
6	18.6	29.4	21.6	81.9	21.40	18.6	6.2	0.5	6.7	4.2
7	19.0	28.0	22.8	81.8	22.48	19.4	0.0	0.0	0.0	6.3
8	18.0	29.0	23.5	75.7	21.67	18.8	0.0	0.2	0.2	7.5
9	18.4	29.5	23.4	79.2	22.59	19.5	0.0	0.0	0.0	6.0
10	18.5	29.0	23.5	77.3	22.31	19.3	0.2	0.0	0.2	6.0
11	18.0	27.5	22.0	79.8	20.69	18.0	0.0	0.0	0.0	5.3
12	17.5	28.8	23.2	76.4	21.09	18.4	0.0	0.0	0.0	9.0
13	17.6	28.2	22.6	76.8	20.53	17.9	0.0	0.7	0.7	8.2
14	18.5	27.5	22.3	81.5	21.58	18.7	0.1	0.0	0.1	4.5
15	19.0	26.5	20.9	84.0	21.04	18.3	4.9	0.0	4.9	4.3
16	18.0	24.4	20.9	84.1	20.54	17.9	1.1	0.1	1.2	1.2
17	17.5	26.5	20.4	86.1	20.72	18.1	13.9	1.7	15.6	3.2
18	17.5	27.5	21.1	83.0	20.55	17.9	0.6	0.0	0.6	5.6
19	18.0	26.5	21.4	83.0	21.06	18.3	29.5	0.0	29.5	4.4
20	18.1	28.5	20.9	81.9	20.39	17.8	18.9	0.7	19.6	5.5
21	17.4	28.2	21.8	80.8	20.86	18.2	0.0	0.0	0.0	7.9
22	18.0	27.5	21.5	76.3	19.41	17.0	0.0	0.0	0.0	5.3
23	17.0	28.7	22.6	76.1	20.22	17.7	0.0	0.0	0.0	7.9
24	17.0	28.4	22.9	78.3	21.35	18.5	0.0	0.0	0.0	7.0
25	18.0	28.2	22.3	76.0	20.15	17.6	0.0	0.0	0.0	6.0
26	16.5	29.0	22.0	73.2	18.52	16.3	0.0	0.0	0.0	9.1
27	16.2	28.8	22.3	75.0	19.70	17.2	0.0	0.0	0.0	7.5
28	17.0	30.2	22.5	75.6	20.06	17.5	0.0	1.1	1.1	9.4
29	17.5	24.6	20.5	84.9	20.48	17.9	0.0	0.0	0.0	0.0
30	17.5	28.0	21.1	81.2	20.36	17.8	17.5	0.0	17.5	4.7
31	16.8	27.8	22.4	77.4	20.37	17.8	0.0	0.2	0.2	6.2
PROM.	17.7	28.0	22.2	78.5	20.81	18.1	92.9	5.4	98.3	188.5

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	18.0	29.0	22.8	78.8	21.66	18.8	0.2	0.0	0.2	5.0
2	17.5	25.6	21.7	83.5	21.60	18.7	0.0	0.1	0.1	2.1
3	18.0	28.6	20.6	83.7	20.47	17.9	19.5	0.1	19.6	6.3
4	17.5	24.0	20.0	91.1	21.19	18.4	0.0	0.0	0.0	1.6
5	16.5	28.0	20.4	82.5	19.84	17.4	16.2	0.0	16.2	4.7
6	17.0	26.0	21.3	83.2	20.88	18.2	1.1	0.0	1.1	4.5
7	17.8	28.2	22.4	79.3	21.38	18.5	0.0	0.0	0.0	5.3
8	18.0	31.0	22.2	78.1	20.72	18.1	0.3	8.2	8.5	8.8
9	17.5	22.6	19.4	91.4	20.76	18.1	0.0	0.0	0.0	0.0
10	15.6	26.8	21.2	82.1	20.11	17.6	0.0	18.1	18.1	4.4
11	16.7	25.4	20.8	83.2	20.14	17.6	0.0	0.0	0.0	1.3
12	17.8	27.5	22.6	78.0	20.86	18.2	0.0	26.7	26.7	5.6
13	18.0	25.2	21.4	84.2	21.24	18.5	0.0	0.0	0.0	1.7
14	18.4	27.5	23.2	77.2	21.20	18.4	0.0	0.0	0.0	6.8
15	18.2	28.0	23.0	78.6	21.54	18.7	0.6	0.6	1.2	6.4
16	19.0	28.2	22.9	78.2	21.29	18.5	0.0	0.0	0.0	6.8
17	18.5	27.5	22.9	78.1	21.62	18.8	0.0	0.0	0.0	4.5
18	17.8	29.3	23.1	73.5	20.29	17.7	0.0	0.0	0.0	8.7
19	17.0	29.2	23.2	74.5	20.55	17.9	0.0	0.0	0.0	8.8
20	17.2	29.4	23.3	73.6	20.34	17.8	0.0	0.0	0.0	7.4
21	17.0	28.5	22.7	77.1	20.67	18.0	0.0	1.6	1.6	6.4
22	18.5	28.0	22.9	84.1	23.12	19.8	0.0	0.0	0.0	2.6
23	19.0	28.2	22.9	80.6	22.26	19.2	0.0	0.0	0.0	4.1
24	18.5	27.0	21.3	89.6	22.72	19.5	3.9	0.0	3.9	3.4
25	18.6	25.5	21.0	87.2	21.75	18.9	1.3	17.7	19.0	1.9
26	17.7	24.4	20.7	87.8	21.50	18.6	0.0	2.2	2.2	1.2
27	17.6	22.0	19.3	92.9	20.65	18.0	5.0	0.0	5.0	0.3
28	16.0	27.0	20.9	77.6	18.63	16.4	0.0	0.0	0.0	7.3
29	16.0	28.5	21.6	76.1	19.30	16.5	0.0	0.0	0.0	8.8
PROM	17.6	27.1	21.8	81.6	20.98	18.2	48.1	75.3	123.4	136.7

ESTACION: LA CATALINA MUNICIPIO: PEREIRA AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-47 N. LONGITUD: 76-41 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	17.0	28.4	22.2	74.5	19.55	17.1	0.0	0.0	0.0	6.7
2	17.5	28.5	22.6	74.7	19.80	17.4	0.0	0.0	0.0	8.5
3	17.3	29.2	23.9	69.5	19.71	17.2	0.0	0.0	0.0	7.7
4	17.4	29.0	23.2	74.8	20.70	18.0	0.0	0.0	0.0	6.4
5	17.5	28.5	23.1	72.0	19.64	17.2	0.0	0.0	0.0	7.9
6	18.0	28.8	23.4	74.0	20.83	18.2	0.0	0.0	0.0	6.0
7	17.2	28.3	23.1	74.1	20.59	18.0	0.0	0.0	0.0	5.3
8	18.5	27.8	22.2	82.7	22.32	19.2	0.2	10.0	10.2	5.3
9	17.5	21.2	18.8	91.0	19.96	17.5	31.3	10.1	41.4	0.0
10	15.8	27.4	21.7	77.6	19.62	17.2	0.0	0.0	0.0	9.7
11	16.4	28.8	22.7	70.2	18.92	16.6	0.0	0.0	0.0	10.1
12	16.7	28.5	23.6	69.6	19.46	17.1	0.0	0.0	0.0	9.6
13	17.5	28.2	22.7	72.2	19.47	17.0	0.0	0.0	0.0	9.4
14	17.2	28.5	23.0	73.3	20.15	17.6	0.0	0.0	0.0	8.7
15	17.0	29.0	22.9	71.0	19.26	16.9	0.0	0.0	0.0	10.0
16	16.9	26.0	22.0	78.3	20.46	17.9	0.0	0.0	0.0	2.6
17	16.8	28.5	22.9	72.6	19.47	17.1	0.0	0.0	0.0	8.8
18	17.3	29.5	23.6	72.0	20.57	18.0	0.0	0.0	0.0	7.6
19	17.4	30.2	23.8	74.4	21.46	18.6	0.0	0.0	0.0	8.8
20	17.0	30.4	23.6	67.6	19.05	16.7	0.0	0.0	0.0	9.4
21	17.6	31.2	24.1	65.9	18.92	16.6	0.0	0.0	0.0	9.1
22	17.5	30.2	23.4	73.1	20.46	17.8	0.0	0.0	0.0	7.0
23	17.5	29.4	23.6	74.0	20.71	18.0	0.0	0.0	0.0	6.4
24	17.8	29.8	24.2	72.4	21.34	18.6	0.0	0.0	0.0	8.7
25	17.3	30.2	23.5	72.6	20.48	17.9	0.0	0.0	0.0	7.3
26	17.0	28.7	22.7	72.4	19.29	16.9	0.0	0.0	0.0	4.6
27	19.3	27.5	22.3	84.3	22.64	19.5	2.0	0.0	2.0	1.1
28	19.5	28.6	23.1	78.7	22.11	19.1	0.8	0.0	0.8	4.0
29	18.4	26.0	21.8	82.3	21.74	18.8	0.3	0.0	0.3	3.5
30	18.5	28.1	21.8	81.1	21.36	18.5	22.2	0.0	22.2	0.0
31	17.0	29.2	23.4	76.3	21.27	18.5	0.0	11.9	11.9	6.4
PROM.	17.5	28.5	22.9	74.8	20.36	17.8	56.8	32.0	88.8	206.6

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	27.7	22.5	83.6	22.32	19.2	0.2	0.0	0.2	3.7
2	19.0	23.5	20.7	88.2	21.63	18.7	0.0	0.0	0.0	0.0
3	18.0	27.8	21.2	81.9	20.60	18.0	0.0	0.0	0.0	3.8
4	17.3	26.0	21.3	84.2	21.08	18.3	0.4	0.0	0.4	2.5
5	18.7	28.6	22.6	77.2	21.01	18.3	0.3	21.0	21.3	4.8
6	17.2	22.5	19.9	92.4	21.38	18.5	0.7	0.0	0.7	0.0
7	18.0	26.5	22.8	78.0	21.14	18.4	0.0	0.0	0.0	3.0
8	18.2	27.0	22.9	78.0	21.39	18.6	2.0	0.0	2.0	4.8
9	19.0	26.0	21.0	92.5	23.03	19.7	3.9	1.0	4.9	2.6
10	18.5	24.5	20.0	90.5	21.38	18.6	11.6	4.1	15.7	0.8
11	17.5	23.2	19.6	89.2	20.55	17.9	2.6	0.0	2.6	0.1
12	17.4	25.2	20.8	86.4	21.32	18.5	0.8	55.6	56.4	1.4
13	17.0	21.2	18.9	91.8	20.01	17.5	7.4	0.0	7.4	0.0
14	16.8	27.9	21.7	77.4	19.88	17.4	0.4	0.0	0.4	7.6
15	18.0	24.8	21.2	83.2	20.80	18.1	6.2	0.0	6.2	1.4
16	18.1	27.5	22.5	74.8	19.69	17.3	0.0	5.6	5.6	6.1
17	17.5	28.5	23.0	76.5	20.73	18.1	0.0	19.5	19.5	8.0
18	18.4	27.0	22.0	79.3	20.97	18.3	0.0	0.0	0.0	1.2
19	18.5	26.0	22.2	81.8	21.71	18.8	0.0	1.2	1.2	3.3
20	18.3	27.0	22.4	83.4	22.55	19.4	0.0	28.9	28.9	3.8
21	17.3	25.3	20.9	84.6	20.95	18.2	0.0	0.0	0.0	1.5
22	18.2	26.4	21.8	81.6	21.17	18.4	0.0	6.0	6.0	3.3
23	17.3	26.8	21.8	78.6	20.36	17.8	0.0	0.0	0.0	3.1
24	18.4	26.4	21.6	78.3	20.17	17.6	0.0	60.1	60.1	2.0
25	17.0	27.0	21.8	77.5	19.98	17.5	0.1	0.0	0.1	4.3
26	17.8	26.0	21.3	81.9	21.30	18.5	6.6	0.0	6.6	1.6
27	18.4	27.8	21.0	86.1	21.35	18.5	24.4	3.4	27.8	4.5
28	17.4	28.0	23.3	81.5	22.92	19.7	0.0	0.0	0.0	6.3
29	18.8	25.4	21.8	77.4	20.01	17.4	0.2	0.2	0.4	0.0
30	16.6	27.5	21.0	84.3	20.78	18.1	25.6	2.3	27.9	4.9
PROM	17.9	26.2	21.5	82.7	21.07	18.3	93.4	208.9	302.3	90.4

ESTACION: LA CATALINA MUNICIPIO: PEREIRA AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-47 N. LONGITUD: 76-41 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	27.4	22.4	85.8	23.11	19.8	1.7	0.6	2.3	4.1
2	18.8	24.0	21.0	86.9	21.49	18.6	2.4	0.0	2.4	0.4
3	17.8	27.4	21.8	78.2	20.18	17.6	0.1	0.0	0.1	3.6
4	18.0	24.0	20.3	95.5	22.61	19.4	11.6	0.0	11.6	0.8
5	17.0	27.2	22.0	76.2	19.94	17.4	0.1	3.0	3.1	2.6
6	17.8	26.6	20.9	80.8	19.82	17.4	0.8	0.0	0.8	4.6
7	16.6	26.8	22.0	79.2	20.63	18.0	0.0	0.0	0.0	6.5
8	17.5	27.5	22.2	77.5	20.64	18.0	0.3	0.6	0.9	4.5
9	17.8	29.4	22.6	78.3	21.01	18.3	0.0	1.0	1.0	6.4
10	18.8	26.4	21.1	89.9	23.01	19.7	1.9	0.0	1.9	2.1
11	17.4	28.2	21.4	83.0	21.29	18.5	13.0	0.0	13.0	4.5
12	18.2	27.3	21.4	82.8	21.31	18.5	8.8	0.0	8.8	2.6
13	17.8	26.2	21.3	83.3	21.12	18.4	0.0	13.0	13.0	4.1
14	17.4	25.2	20.4	83.2	19.71	17.3	0.2	0.0	0.2	1.3
15	16.8	28.0	21.8	79.6	20.46	17.9	10.2	0.1	10.3	4.5
16	15.5	28.5	23.2	75.6	21.41	18.5	1.8	0.0	1.8	9.8
17	18.0	27.0	22.6	80.6	21.93	19.0	0.0	0.1	0.1	3.4
18	18.5	25.0	21.2	84.4	21.13	18.4	1.9	0.4	2.3	1.5
19	17.6	26.5	20.8	84.3	20.62	18.0	0.5	0.5	1.0	2.9
20	18.4	24.4	20.4	88.7	21.37	18.6	2.2	0.0	2.2	2.8
21	17.8	26.0	21.9	82.1	21.81	18.9	1.2	0.1	1.3	4.1
22	18.1	28.4	22.8	78.0	21.42	18.6	0.1	0.0	0.1	5.8
23	18.4	26.0	22.1	88.0	23.36	20.0	0.0	0.0	0.0	1.3
24	17.0	27.4	22.2	81.2	21.38	18.6	7.4	0.0	7.4	5.2
25	18.7	25.2	20.5	92.3	21.90	18.9	28.0	1.9	29.9	1.0
26	16.5	25.8	20.4	85.7	20.73	18.1	27.8	0.0	27.8	2.2
27	17.8	25.0	20.6	84.9	20.59	17.9	0.7	36.9	37.6	2.1
28	17.5	24.9	20.8	83.5	20.45	17.8	1.1	0.0	1.1	3.2
29	17.2	27.4	21.0	80.9	20.63	18.0	17.9	7.6	25.5	5.0
30	14.5	24.6	20.3	77.6	17.81	15.6	0.0	0.0	0.0	3.0
31	15.5	24.2	20.2	82.7	20.12	17.6	1.0	2.2	3.2	
PROM.	17.5	26.4	21.4	82.9	21.06	18.3	142.7	68.0	210.7	

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	25.0	20.1	80.8	18.74	16.5	0.0	0.3	0.3	
2	15.5	27.0	20.2	79.6	18.52	16.3	0.0	18.0	18.0	
3	16.0	25.9	19.8	88.2	20.22	17.6	0.0	0.0	0.0	
4	17.1	26.0	21.1	81.9	21.21	18.4	5.5	0.0	5.5	
5	17.0	27.0	22.5	78.1	20.69	18.1	0.0	0.0	0.0	
6	17.0	25.5	20.6	85.0	20.22	17.6	0.0	0.0	0.0	
7	16.0	27.5	22.2	72.7	18.81	16.5	0.0	0.0	0.0	
8	16.5	26.0	21.7	82.0	21.13	18.4	0.0	0.5	0.5	
9	16.4	27.0	21.1	76.5	19.14	16.8	0.2	0.0	0.2	
10	17.3	26.8	21.6	76.2	19.72	17.3	0.0	0.0	0.0	
11	16.4	26.0	20.9	77.2	19.25	16.9	0.2	0.0	0.2	
12	16.7	23.5	20.0	88.3	20.83	18.2	2.6	0.0	2.6	
13	16.5	25.5	20.4	88.2	21.07	18.3	1.0	7.5	8.5	
14	18.0	24.9	20.2	84.2	20.21	17.6	0.0	0.0	0.0	
15	16.7	26.0	20.5	80.8	19.60	17.2	0.0	0.0	0.0	
16	16.7	22.8	19.5	84.3	19.24	16.8	0.3	3.7	4.0	0.1
17	15.5	23.2	19.3	83.8	18.69	16.4	0.0	0.2	0.2	1.1
18	15.5	23.4	19.4	88.5	20.08	17.6	0.0	0.0	0.0	1.9
19	16.2	24.8	21.2	78.3	19.56	17.2	0.0	0.4	0.4	1.7
20	17.0	26.0	21.7	75.3	19.11	16.8	0.0	0.0	0.0	5.6
21	17.5	27.2	22.0	77.3	20.08	17.5	0.4	0.0	0.4	7.5
22	17.8	26.4	21.2	79.6	19.98	17.5	0.6	11.0	11.6	5.0
23	16.5	24.5	20.6	84.6	20.10	17.6	0.1	2.1	2.2	3.2
24	17.5	23.2	19.0	87.5	19.50	17.1	37.2	18.7	55.9	1.2
25	16.5	22.8	18.8	83.0	17.90	15.7	0.9	0.0	0.9	4.3
26	16.0	25.2	20.4	79.1	18.98	16.7	0.0	0.0	0.0	5.0
27	16.5	25.5	20.9	77.1	18.73	16.5	0.1	0.0	0.1	7.8
28	15.5	24.5	20.4	80.8	19.26	16.9	11.2	0.0	11.2	5.8
29	15.8	26.0	20.5	81.5	19.47	17.0	2.0	1.8	3.8	6.1
30	15.6	24.5	20.2	82.7	19.51	17.1	0.5	0.7	1.2	4.2
PROM	16.5	25.3	20.6	81.4	19.65	17.2	62.8	64.9	127.7	

ESTACION: LA CATALINA MUNICIPIO: PEREIRA AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-47 N. LONGITUD: 76-41 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	17.5	25.2	20.6	83.6	20.09	17.6	0.2	5.3	5.5	1.9
2	16.6	24.0	20.3	84.2	20.00	17.5	0.1	6.1	6.2	1.5
3	16.7	24.2	19.4	85.6	19.19	16.8	1.6	11.6	13.2	1.8
4	16.0	22.5	18.9	84.0	18.34	16.1	0.0	19.3	19.3	0.3
5	16.0	24.0	19.7	84.4	19.10	16.8	0.0	13.3	13.3	2.4
6	15.5	23.4	19.5	85.6	19.20	16.8	0.3	0.3	0.6	2.9
7	14.8	24.6	20.6	79.7	19.05	16.7	0.0	0.6	0.6	2.9
8	17.5	24.0	20.2	90.6	21.24	18.5	1.0	0.2	1.2	2.7
9	16.6	26.8	21.3	82.0	20.69	18.0	0.0	0.0	0.0	4.7
10	16.5	25.5	21.1	82.3	20.47	17.8	6.0	0.0	6.0	4.3
11	17.5	25.3	20.2	84.7	20.03	17.5	13.5	0.0	13.5	5.4
12	17.0	26.0	21.1	77.5	19.50	17.1	7.3	0.0	7.3	5.7
13	16.5	26.4	20.9	83.5	20.59	18.0	0.0	0.0	0.0	6.3
14	15.0	27.5	21.6	75.7	19.16	16.8	0.0	0.0	0.0	5.8
15	16.0	28.0	22.4	66.4	17.36	15.2	0.0	0.0	0.0	8.5
16	16.1	26.8	22.8	78.2	21.24	18.3	0.0	0.0	0.0	6.2
17	16.5	27.0	21.1	82.6	20.35	17.8	0.6	2.1	2.7	5.7
18	17.0	26.3	21.3	81.4	20.28	17.7	2.6	0.0	2.6	5.6
19	17.2	27.5	21.7	79.0	20.34	17.8	0.0	24.7	24.7	3.8
20	17.0	26.8	21.6	80.8	20.66	18.0	0.0	0.0	0.0	6.1
21	17.1	25.2	21.6	87.0	22.34	19.2	0.4	3.0	3.4	4.0
22	17.5	27.4	21.4	79.1	20.27	17.7	14.7	0.3	15.0	5.9
23	17.0	25.0	20.3	84.4	20.39	17.8	9.2	0.0	9.2	1.6
24	17.5	26.2	21.4	80.3	20.38	17.8	0.0	2.5	2.5	6.7
25	17.2	27.3	21.2	80.0	20.51	17.9	7.0	21.3	28.3	6.8
26	17.0	25.6	20.7	82.6	20.19	17.7	1.0	0.0	1.0	4.0
27	16.0	27.4	21.5	78.6	19.55	17.1	0.0	0.0	0.0	6.8
28	16.5	28.2	22.3	76.9	20.37	17.8	0.0	0.0	0.0	7.2
29	18.4	26.6	21.9	80.4	21.12	18.4	0.0	14.5	14.5	2.9
30	17.2	27.0	20.2	85.5	20.20	17.6	15.8	0.0	15.8	5.5
31	16.4	26.2	20.4	83.9	20.01	17.5	1.7	0.0	1.7	1.7
PROM.	16.7	25.9	20.9	81.6	20.07	17.5	83.0	125.1	208.1	137.6

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	16.6	26.9	21.0	81.2	20.22	17.7	0.1	1.0	1.1	3.3
2	16.5	25.0	20.4	80.0	19.36	17.0	0.8	0.0	0.8	1.7
3	17.4	27.0	21.8	78.9	20.49	17.9	0.1	0.0	0.1	4.4
4	18.3	26.0	22.0	77.8	20.13	17.6	0.0	0.0	0.0	2.5
5	17.5	27.2	21.9	74.5	19.50	17.1	0.1	0.0	0.1	4.5
6	17.5	26.5	22.0	78.2	20.41	17.8	0.0	2.0	2.0	7.4
7	17.0	26.2	20.9	84.3	20.81	18.1	7.4	2.6	10.0	3.7
8	17.4	23.2	20.1	87.8	20.76	18.1	0.4	1.8	2.2	1.1
9	17.5	26.9	22.2	76.4	20.31	17.8	0.0	0.0	0.0	7.0
10	18.0	25.5	21.9	78.8	20.62	18.0	0.0	0.0	0.0	3.2
11	17.0	26.8	21.2	77.5	19.16	16.8	0.0	0.0	0.0	5.2
12	16.5	24.3	19.9	85.5	20.15	17.6	0.8	0.3	1.1	2.9
13	15.4	27.0	21.5	81.4	20.47	17.8	12.5	0.0	12.5	7.3
14	17.6	25.2	19.5	88.7	20.35	17.8	1.0	2.8	3.8	1.8
15	16.0	27.2	20.1	82.0	19.38	17.0	4.0	3.5	7.5	7.3
16	17.0	26.4	20.3	83.3	19.71	17.3	0.2	0.9	1.1	3.8
17	16.8	25.0	19.8	86.3	19.91	17.4	2.6	0.2	2.8	2.7
18	16.0	27.6	21.2	77.7	19.25	16.9	0.1	0.0	0.1	8.1
19	16.6	25.5	21.3	80.4	20.40	17.8	1.2	22.3	23.5	3.4
20	16.8	24.5	20.6	81.7	19.65	17.2	0.4	0.6	1.0	1.8
21	17.0	24.3	19.6	90.6	20.46	17.9	2.1	20.0	22.1	1.5
22	16.0	25.4	20.2	84.3	19.78	17.3	4.5	0.0	4.5	2.5
23	16.1	26.6	21.5	76.3	19.19	16.8	0.0	2.4	2.4	7.6
24	18.5	25.8	20.4	85.5	20.73	18.1	2.7	0.0	2.7	3.8
25	16.0	26.4	20.6	78.6	18.94	16.6	0.8	0.0	0.8	4.0
26	16.5	25.5	20.9	82.8	20.55	17.9	1.7	52.8	54.5	2.8
27	16.8	25.3	19.6	86.9	19.70	17.3	3.6	0.0	3.6	2.9
28	17.3	26.5	21.0	80.8	20.01	17.5	0.5	0.0	0.5	3.4
29	16.7	24.9	19.0	89.1	19.34	17.0	3.2	16.7	19.9	3.3
30	16.3	23.8	19.5	83.8	18.90	16.6	5.8	6.0	11.8	1.1
31	16.0	20.0	17.1	94.9	18.83	16.6	13.0	0.0	13.0	0.0
PROM	16.9	25.6	20.6	82.5	19.92	17.4	69.6	135.9	205.5	116.0

ESTACION: LA CATALINA MUNICIPIO: PEREIRA AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-47 N. LONGITUD: 76-41 W.

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.5	26.3	21.0	74.0	17.94	15.8	0.0	0.0	0.0	5.7
2	16.0	26.0	18.7	79.0	17.73	15.6	56.2	4.6	60.8	4.8
3	16.4	25.0	19.9	81.2	18.74	16.5	1.5	0.0	1.5	4.3
4	16.7	25.6	20.9	84.4	20.94	18.2	1.3	0.0	1.3	7.4
5	17.0	24.5	19.1	86.4	19.35	17.0	0.0	0.0	0.0	4.5
6	15.0	25.5	20.3	83.2	19.76	17.3	0.9	2.3	3.2	4.1
7	16.4	22.3	18.3	89.1	18.81	16.5	7.2	0.0	7.2	1.7
8	15.0	25.0	20.0	80.2	18.55	16.3	0.0	0.0	0.0	4.3
9	17.0	25.5	20.7	83.0	20.22	17.7	0.4	9.7	10.1	2.9
10	16.5	24.0	19.4	92.0	20.56	17.9	0.9	9.7	10.6	1.1
11	17.0	25.8	19.8	88.0	20.50	17.9	1.1	39.4	40.5	1.9
12	16.4	23.3	20.2	85.0	19.85	17.3	0.6	19.3	19.9	0.7
13	16.5	22.2	19.6	85.6	19.33	17.0	13.6	7.7	21.3	0.0
14	16.3	24.0	20.0	81.1	18.84	16.6	0.1	0.0	0.1	1.1
15	16.0	27.5	19.4	81.7	18.66	16.4	17.3	0.0	17.3	7.5
16	14.8	28.3	20.9	77.7	18.84	16.5	0.2	5.9	6.1	8.2
17	17.5	26.5	21.0	78.6	19.51	17.1	0.0	3.0	3.0	4.0
18	17.6	25.7	20.0	86.6	20.29	17.7	9.7	13.9	23.6	2.8
19	16.8	25.5	20.0	81.8	19.17	16.9	15.5	3.4	18.9	3.9
20	17.4	25.0	20.8	83.6	20.28	17.7	1.5	6.9	8.4	4.7
21	16.6	25.8	21.6	78.5	19.67	17.2	0.0	0.0	0.0	5.0
22	17.5	25.6	21.5	78.3	20.02	17.5	0.6	0.5	1.1	4.0
23	16.8	26.9	20.0	84.9	19.97	17.5	1.4	0.0	1.4	4.8
24	17.5	26.8	20.8	81.6	20.11	17.6	2.6	6.0	8.6	4.6
25	18.3	25.5	21.8	79.7	21.16	18.4	1.5	0.0	1.5	1.7
26	18.0	26.6	20.8	83.4	20.85	18.2	12.5	0.0	12.5	4.2
27	16.0	26.4	21.5	77.7	19.56	17.1	0.0	0.0	0.0	6.3
28	17.0	28.0	22.4	76.9	20.66	18.0	0.0	7.8	7.8	7.2
29	16.7	26.8	21.1	81.8	20.45	17.8	0.1	27.9	28.0	4.4
30	17.0	24.3	19.7	86.5	20.02	17.5	3.9	0.0	3.9	0.8
PROM.	16.6	25.5	20.4	82.4	19.68	17.2	150.6	168.0	318.6	118.6

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.6	25.0	20.1	82.5	19.71	17.3	0.0	12.3	12.3	2.8
2	16.5	25.6	19.9	84.2	19.44	17.1	5.1	21.4	26.5	4.6
3	16.8	23.6	20.6	86.4	20.75	18.1	0.4	0.0	0.4	0.6
4	17.1	25.0	19.2	91.5	20.56	18.0	6.5	0.0	6.5	3.4
5	16.6	25.5	20.1	83.1	19.59	17.2	33.6	0.3	33.9	3.8
6	17.5	26.8	21.1	82.1	20.69	18.0	0.6	20.7	21.3	5.3
7	17.0	25.4	21.2	81.9	20.33	17.8	0.3	0.2	0.5	2.5
8	18.5	25.0	19.9	86.2	20.23	17.7	4.8	0.0	4.8	0.5
9	17.0	27.0	20.9	79.5	19.89	17.4	8.8	0.0	8.8	4.7
10	17.2	27.4	21.3	75.0	19.21	16.9	0.0	0.0	0.0	5.9
11	17.3	25.0	20.8	82.8	20.42	17.8	0.0	3.8	3.8	2.0
12	17.5	22.2	18.9	91.9	20.24	17.7	14.1	12.3	26.4	0.1
13	16.5	23.6	20.0	86.0	19.97	17.5	0.0	6.9	6.9	0.1
14	17.0	22.6	19.2	86.7	19.25	16.9	3.2	11.1	14.3	0.6
15	16.6	22.5	19.3	87.2	19.43	17.0	0.4	0.0	0.4	0.4
16	15.6	26.0	20.9	80.4	19.77	17.3	0.0	0.0	0.0	5.4
17	17.5	27.2	21.6	80.0	20.58	18.0	0.0	0.0	0.0	5.3
18	16.5	25.0	19.8	85.4	19.62	17.2	0.9	0.0	0.9	3.8
19	17.1	26.8	21.4	79.2	19.88	17.4	0.0	0.0	0.0	4.8
20	16.5	27.5	21.8	74.6	19.49	17.1	0.0	0.0	0.0	9.5
21	17.5	26.8	21.4	80.2	20.21	17.7	0.0	1.4	1.4	4.7
22	16.4	24.4	19.8	88.4	20.17	17.6	0.3	0.0	0.3	2.4
23	16.0	28.0	22.7	77.0	20.89	18.2	0.0	0.0	0.0	7.6
24	17.0	27.4	20.0	81.8	19.50	17.1	13.9	0.0	13.9	5.1
25	15.6	25.0	20.1	81.1	19.22	16.9	0.3	0.0	0.3	1.4
26	17.0	27.5	20.2	81.4	19.42	17.0	19.4	0.0	19.4	6.8
27	17.4	24.8	20.4	83.2	20.20	17.7	0.3	0.6	0.9	2.1
28	17.0	24.9	20.1	85.2	20.10	17.6	1.5	4.5	6.0	2.0
29	17.5	26.0	21.2	81.5	20.56	17.9	0.0	0.1	0.1	2.9
30	17.6	26.8	20.6	84.8	20.76	18.1	0.0	0.0	0.0	3.4
31	16.3	26.9	20.2	81.5	19.62	17.2	6.5	11.2	17.7	6.1
PROM	16.9	25.6	20.5	83.0	19.99	17.5	120.9	106.8	227.7	110.8

ESTACION: LA CATALINA MUNICIPIO: PEREIRA AÑO: 1.968

ALTITUD: 1.350 LATITUD: 4-47 N. LONGITUD: 76-41 W.

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.0	26.0	20.2	82.2	19.63	17.2	31.1	12.1	43.2	2.1
2	16.8	23.5	19.3	92.4	20.64	18.0	5.0	7.0	12.0	2.0
3	16.6	25.5	20.9	84.1	20.76	18.1	0.0	0.0	0.0	3.1
4	17.0	27.6	21.0	78.2	19.60	17.2	6.1	0.0	6.1	6.8
5	17.5	25.6	21.2	77.9	19.66	17.3	0.0	10.0	10.0	4.0
6	17.3	25.5	20.9	80.7	19.82	17.3	0.6	0.0	0.6	4.0
7	17.0	26.4	20.8	81.1	19.76	17.3	8.7	15.8	24.5	3.6
8	16.4	26.6	19.9	83.2	19.44	17.1	20.7	2.9	23.6	4.2
9	17.5	24.5	19.7	88.1	20.31	17.7	1.4	2.2	3.6	1.6
10	17.0	25.0	20.3	88.1	21.04	18.3	0.0	14.8	14.8	2.4
11	16.7	25.6	20.0	85.0	20.06	17.9	18.6	1.9	20.5	2.8
12	17.4	26.8	21.7	81.1	20.80	18.1	0.0	6.3	6.3	4.3
13	17.0	25.0	20.4	87.1	21.16	18.4	6.7	15.6	22.3	1.8
14	17.5	25.6	20.8	86.2	20.91	18.2	7.9	59.4	67.3	3.4
15	17.3	24.8	20.3	87.0	20.69	18.0	7.9	37.2	45.1	3.1
16	16.4	24.2	20.2	81.2	19.21	16.9	0.0	4.0	4.0	0.7
17	17.0	24.8	20.5	80.8	19.20	16.8	0.0	0.0	0.0	3.4
18	16.5	26.4	21.4	79.6	20.25	17.7	0.0	0.0	0.0	7.0
19	17.5	26.5	21.5	79.9	20.32	17.7	0.0	0.0	0.0	6.3
20	16.5	26.4	19.9	79.6	18.45	16.2	15.6	1.2	16.8	3.9
21	17.6	25.8	20.8	81.8	20.00	17.5	0.9	14.9	15.8	5.6
22	17.5	24.0	19.4	87.3	19.81	17.3	1.8	0.0	1.8	1.3
23	16.5	26.8	21.8	78.1	20.23	17.7	0.0	0.0	0.0	9.0
24	18.0	25.0	19.9	83.0	19.58	17.2	0.0	0.0	0.0	1.9
25	16.4	26.4	20.5	79.7	19.32	17.0	5.0	28.4	33.4	3.6
26	16.5	24.8	20.4	81.2	19.38	17.0	0.6	0.0	0.6	4.3
27	17.5	27.5	22.5	77.6	21.04	18.3	1.4	0.0	1.4	6.4
28	19.0	25.0	20.9	83.4	20.76	18.1	6.2	11.1	17.3	2.0
29	17.4	24.8	19.5	88.4	20.55	17.9	19.8	0.0	19.8	1.7
30	17.2	24.7	19.6	86.7	20.03	17.5	3.6	19.0	22.6	3.5
PROM.	17.2	25.6	20.5	83.0	20.08	17.6	169.6	263.8	433.4	109.8

M E S – DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	25.0	19.6	87.2	20.16	17.6	1.9	0.5	2.4	2.6
2	16.5	25.2	20.5	82.3	19.59	17.2	0.1	2.9	3.0	5.9
3	17.0	24.4	19.7	81.6	18.70	16.5	3.7	0.5	4.2	1.9
4	17.4	25.8	20.1	81.6	19.22	16.9	0.1	43.6	43.7	4.0
5	16.5	25.5	19.9	84.1	19.33	16.9	1.2	1.7	2.9	3.7
6	16.4	25.4	20.6	77.9	18.87	16.6	0.0	4.4	4.4	4.9
7	17.5	22.5	19.3	84.9	19.10	16.8	11.7	8.9	20.6	0.0
8	16.0	24.0	19.7	83.4	18.92	16.6	0.0	0.1	0.1	1.9
9	17.0	24.8	19.5	85.4	19.44	17.1	0.0	0.0	0.0	3.9
10	16.6	26.6	20.5	80.8	19.72	17.3	0.0	0.0	0.0	5.4
11	16.0	26.4	20.4	77.7	18.78	16.5	0.0	0.0	0.0	5.5
12	17.3	26.5	21.7	76.8	19.89	17.4	0.0	1.7	1.7	4.9
13	18.0	24.5	20.3	85.8	20.57	17.9	7.3	1.8	9.1	1.6
14	17.4	22.2	19.3	89.5	20.11	17.6	1.0	0.0	1.0	0.0
15	16.6	27.4	21.5	78.3	19.93	17.4	0.0	0.0	0.0	7.4
16	18.0	28.3	21.5	79.1	20.13	17.6	2.5	5.8	8.3	6.0
17	17.3	26.0	20.9	81.5	20.14	17.6	0.0	1.7	1.7	6.8
18	17.1	26.8	21.2	80.2	19.89	17.4	0.0	22.8	22.8	6.1
19	17.0	25.8	20.2	83.9	19.54	17.1	2.7	0.9	3.6	4.1
20	16.5	27.4	20.7	79.2	19.17	16.8	0.0	0.0	0.0	7.2
21	16.2	26.8	21.2	77.4	19.06	16.7	0.0	0.0	0.0	5.8
22	16.5	26.6	19.8	81.9	19.04	16.7	0.1	0.0	0.1	4.4
23	15.2	27.0	19.6	77.6	17.76	15.6	2.1	0.0	2.1	6.8
24	16.5	26.8	20.7	79.3	19.47	17.0	7.2	0.0	7.2	5.2
25	16.7	25.0	19.5	82.0	18.87	16.6	1.2	5.3	6.5	3.9
26	16.9	25.6	19.9	83.6	19.22	16.9	0.0	0.0	0.0	2.6
27	17.3	26.9	19.8	83.1	19.43	17.0	4.0	0.3	4.3	3.7
28	16.0	25.5	19.3	82.5	18.48	16.2	9.7	5.5	15.2	2.7
29	16.6	23.2	19.2	88.7	19.70	17.3	0.2	16.2	16.4	1.9
30	17.0	26.6	19.8	82.1	18.94	16.6	6.0	2.7	8.7	4.6
31	15.0	26.0	19.3	83.7	18.74	16.5	43.3	0.3	43.6	4.0
PROM	16.7	25.7	20.2	82.0	19.35	17.0	106.0	127.6	233.6	129.4

ESTACION: LA CATALINA MUNICIPIO: PEREIRA AÑO: 1.988

ALTITUD: 1.350 LATITUD: 4-47 N. LONGITUD: 76-41 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	17.7	28.0	22.2	16.2	30.2	78.9	20.81	18.1	98.3	15	188.5
FEBRERO	17.6	27.1	21.8	15.6	31.0	81.6	20.98	18.2	123.4	14	136.7
MARZO	17.5	28.5	22.9	15.8	31.2	74.8	20.36	17.8	88.8	7	206.6
ABRIL	17.9	26.2	21.5	16.6	28.6	82.7	21.07	18.3	302.3	23	90.4
MAYO	17.5	26.4	21.4	14.5	29.4	82.9	21.06	18.3	210.7	28	
JUNIO	16.5	25.3	20.6	15.0	27.5	81.4	19.65	17.2	127.7	20	
JULIO	16.7	25.9	20.9	14.8	28.2	81.6	20.07	17.5	208.1	23	137.6
AGOSTO	16.9	25.6	20.6	15.4	27.6	82.5	19.92	17.4	205.5	27	116.0
SEPTIEMBRE	16.6	25.5	20.4	14.8	28.3	82.4	19.68	17.2	318.6	25	118.6
OCTUBRE	16.9	25.6	20.5	15.6	28.0	83.0	19.99	17.5	227.7	24	110.8
NOVIEMBRE	17.2	25.6	20.5	16.4	27.6	83.0	20.08	17.6	433.4	24	109.8
DICIEMBRE	16.7	25.7	20.2	15.0	28.3	82.0	19.35	17.0	233.6	24	129.4
PROMEDIO	17.1	26.3	21.1	15.5	28.8	81.4	20.25	17.7			
TOTAL									2578.1	254	

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.988

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	15.7	26.5	21.1	81.3	20.48	17.9	0.0	0.0	0.0	9.3
2	16.4	26.0	20.9	79.1	19.72	17.3	0.0	4.1	4.1	7.3
3	16.5	26.5	21.0	87.2	21.69	18.7	0.0	0.0	0.0	6.3
4	18.0	24.5	21.0	82.2	20.50	17.9	0.0	0.0	0.0	5.3
5	16.5	24.2	20.1	86.0	20.19	17.6	0.0	0.0	0.0	4.5
6	16.5	24.0	20.0	82.1	19.43	17.0	0.0	0.0	0.0	3.8
7	17.0	25.0	20.6	82.9	20.09	17.5	0.0	0.0	0.0	8.1
8	17.0	26.0	21.4	82.4	20.84	18.1	0.0	0.0	0.0	7.2
9	17.0	27.0	21.8	77.6	20.28	17.6	0.0	0.0	0.0	6.6
10	16.0	25.5	20.8	79.8	19.61	17.1	0.0	0.0	0.0	4.3
11	15.2	26.0	20.8	80.8	19.66	17.1	0.0	0.0	0.0	4.5
12	17.0	26.4	20.6	77.8	19.10	16.8	0.0	0.0	0.0	6.2
13	14.6	25.0	19.9	83.4	19.26	16.8	0.0	0.0	0.0	3.7
14	16.5	24.0	20.1	79.8	18.90	16.6	0.0	0.0	0.0	2.1
15	15.5	25.0	20.3	82.1	19.43	17.0	0.0	65.1	65.1	3.0
16	15.0	23.0	19.8	84.6	19.66	17.2	1.3	0.0	1.3	1.1
17	14.8	23.5	19.5	85.5	19.43	17.0	10.4	34.8	45.2	4.0
18	14.6	24.0	19.8	87.7	20.24	17.6	0.0	22.5	22.5	1.8
19	15.4	24.5	19.9	82.7	18.93	16.6	0.0	5.7	5.7	5.2
20	16.0	25.5	20.3	83.2	19.76	17.3	0.0	0.1	0.1	5.6
21	16.2	24.5	20.3	85.6	20.42	17.8	0.0	0.6	0.6	3.8
22	16.0	25.0	20.2	79.1	18.77	16.5	0.0	0.0	0.0	6.4
23	17.5	25.0	20.6	80.6	19.76	17.3	0.0	0.0	0.0	5.9
24	15.5	26.0	20.5	80.4	19.53	17.1	0.0	1.1	1.1	7.2
25	17.8	25.0	20.5	84.8	20.40	17.8	0.1	0.2	0.3	4.5
26	16.8	25.5	20.2	80.5	19.14	16.8	0.0	0.0	0.0	6.1
27	15.4	24.5	19.1	81.9	18.10	15.9	0.9	0.4	1.3	2.1
28	15.8	24.0	20.0	82.6	19.32	17.0	0.0	10.1	10.1	3.2
29	16.4	22.0	19.1	84.2	18.72	16.4	0.5	0.0	0.5	0.2
30	16.6	24.5	20.5	80.3	19.45	17.0	0.0	20.6	20.6	4.1
31	14.5	24.6	19.7	84.9	19.41	17.0	0.4	0.0	0.4	6.3
PROM.	16.1	24.9	20.3	82.4	19.68	17.2	13.6	165.3	178.9	149.7

M E S – FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	27.4	21.5	82.3	19.94	13.9	0.0	0.0	0.0	9.2
2	16.0	26.2	20.7	76.3	19.04	16.6	0.0	0.0	0.0	5.0
3	16.8	25.6	21.0	80.3	20.03	17.5	0.0	0.6	0.6	5.0
4	17.4	22.0	19.5	86.7	19.57	17.2	0.2	0.0	0.2	0.0
5	17.0	23.0	18.7	86.6	18.91	16.6	0.0	0.8	0.8	0.7
6	16.7	24.0	20.7	84.8	20.46	17.8	0.0	35.0	35.0	2.9
7	17.0	23.0	19.8	87.4	19.99	17.5	0.9	0.3	1.2	3.1
8	17.4	24.8	21.5	79.1	19.99	17.4	0.0	56.9	56.9	4.2
9	16.4	24.0	20.4	76.9	18.33	16.1	0.0	0.0	0.0	1.0
10	15.4	25.6	21.0	78.8	19.63	17.2	0.0	17.0	17.0	3.6
11	16.4	23.5	19.7	85.7	19.41	17.0	5.6	0.3	5.9	1.1
12	17.0	23.4	19.6	87.2	19.97	17.4	4.9	1.8	6.7	0.6
13	17.0	24.0	19.0	87.8	19.43	17.0	0.7	0.0	0.7	1.3
14	17.4	23.8	19.5	87.7	20.03	17.5	0.0	0.4	0.4	3.3
15	16.0	26.0	21.1	75.4	18.48	16.1	0.0	0.0	0.0	7.0
16	16.8	26.0	21.4	77.4	19.45	16.9	0.0	0.0	0.0	3.8
17	17.4	26.5	21.2	84.3	21.28	18.4	0.0	0.0	0.0	2.3
18	16.0	26.7	21.0	77.8	19.50	17.0	0.0	0.0	0.0	7.9
19	16.4	26.6	20.5	85.0	20.66	18.0	0.0	0.0	0.0	4.7
20	17.0	24.6	20.6	79.2	19.37	16.9	0.0	0.0	0.0	1.9
21	15.8	25.5	20.2	82.2	19.50	17.0	0.0	0.0	0.0	2.9
22	18.0	26.0	20.8	85.6	21.06	18.3	0.0	0.0	0.0	0.7
23	17.5	27.0	21.6	81.6	20.98	18.2	0.0	0.0	0.0	3.1
24	17.7	26.5	21.2	81.8	20.72	18.1	0.0	0.0	0.0	3.0
25	16.4	25.5	20.6	79.5	19.31	17.0	0.0	1.4	1.4	2.0
26	17.8	23.7	20.2	77.4	18.37	16.2	0.0	0.0	0.0	0.8
27	17.0	20.0	18.1	83.1	17.43	15.3	1.0	0.0	1.0	0.0
28	16.0	23.0	18.8	88.4	19.18	16.8	0.3	4.6	4.9	0.8
29	15.8	23.5	19.5	85.1	19.12	16.8	0.6	7.7	8.3	1.3
PROM	16.7	24.7	20.3	81.8	19.49	17.0	14.2	126.8	141.0	83.2

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.988

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

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.8	23.0	19.4	82.6	18.65	16.4	0.1	2.7	2.8	1.3
2	16.5	24.8	20.3	78.0	18.51	16.2	0.0	0.0	0.0	2.4
3	15.0	25.5	20.2	76.8	18.31	16.1	0.0	0.0	0.0	4.4
4	15.5	26.5	21.0	68.2	16.71	14.6	0.0	0.0	0.0	5.5
5	16.0	25.5	21.0	77.5	19.19	16.8	0.0	0.0	0.0	3.8
6	17.0	27.5	21.6	71.0	17.48	14.8	0.0	0.0	0.0	3.5
7	15.5	26.7	21.5	73.4	18.49	16.2	0.0	0.0	0.0	5.2
8	16.0	26.0	20.4	79.1	18.88	16.5	0.0	0.0	0.0	4.4
9	17.5	22.8	19.1	81.3	18.11	15.9	0.0	2.6	2.6	0.1
10	17.0	24.0	20.2	85.0	20.03	17.5	0.0	0.0	0.0	2.0
11	15.2	25.2	20.3	77.6	18.35	16.1	0.0	0.0	0.0	3.2
12	16.4	26.7	21.4	76.0	19.09	16.7	0.0	0.0	0.0	5.5
13	17.5	25.5	20.9	74.2	18.21	16.0	0.0	0.2	0.2	0.3
14	16.4	25.5	19.7	73.0	17.21	15.1	0.0	0.0	0.0	2.1
15	15.4	26.2	20.5	79.3	19.03	16.6	0.0	0.0	0.0	3.6
16	15.7	23.8	19.2	87.7	19.59	17.1	0.0	0.0	0.0	0.0
17	14.5	26.1	21.0	68.2	16.71	14.6	0.0	0.0	0.0	6.3
18	16.0	26.5	21.0	75.7	18.64	16.4	0.0	0.0	0.0	3.3
19	14.8	28.5	22.7	55.4	14.22	12.1	0.0	0.0	0.0	9.8
20	16.0	26.1	20.5	64.7	15.87	13.9	0.0	0.0	0.0	4.7
21	17.5	29.8	22.5	60.4	16.00	13.9	0.0	0.0	0.0	7.4
22	16.5	28.4	22.3	59.8	15.31	13.1	0.0	0.3	0.3	8.4
23	16.4	27.3	21.4	68.6	17.38	15.3	0.0	0.0	0.0	6.8
24	16.5	28.6	22.3	58.9	15.48	13.5	0.0	0.0	0.0	5.7
25	16.0	29.4	21.8	58.6	14.87	12.9	0.0	0.0	0.0	7.6
26	16.6	27.4	21.3	78.0	19.94	17.4	0.3	0.0	0.3	2.3
27	16.5	27.0	21.5	79.5	20.08	17.5	0.0	0.0	0.0	0.9
28	16.0	28.2	21.7	76.2	19.65	17.1	0.0	32.9	32.9	3.1
29	17.0	25.5	20.7	88.1	21.59	18.7	2.6	7.4	10.0	1.0
30	17.4	26.4	21.7	76.4	19.39	17.0	0.0	0.0	0.0	1.3
31	17.8	25.0	21.8	81.1	20.81	18.1	14.4	0.8	15.2	0.5
PROM.	16.3	26.3	21.0	73.9	18.12	15.8	17.4	46.9	64.3	116.4

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.8	24.4	21.8	84.4	21.90	19.0	0.0	0.0	0.0	1.0
2	17.6	23.4	20.4	85.3	20.64	18.0	43.1	0.0	43.1	0.0
3	18.5	26.2	21.7	83.1	21.54	18.7	0.2	52.2	52.4	1.7
4	16.8	24.5	20.1	88.0	20.69	18.0	0.0	0.0	0.0	0.6
5	18.6	25.5	21.6	85.5	22.04	19.0	0.0	11.4	11.4	3.4
6	17.8	22.4	19.3	88.6	20.11	17.6	2.4	0.0	2.4	0.0
7	15.0	24.6	20.4	80.9	19.47	17.0	0.0	10.0	10.0	0.1
8	16.8	23.0	20.7	87.2	21.16	18.4	9.6	42.4	52.0	0.7
9	17.4	22.7	19.9	91.1	21.37	18.5	11.2	18.7	29.9	0.1
10	18.0	24.8	20.2	92.1	21.87	18.9	4.3	11.7	16.0	1.0
11	16.5	22.5	19.3	89.0	19.94	17.4	1.1	4.1	5.2	0.0
12	16.2	24.5	20.0	86.3	20.19	17.6	0.0	2.7	2.7	2.2
13	17.0	20.7	18.6	94.8	20.35	17.8	3.2	0.0	3.2	0.0
14	16.5	24.0	20.3	88.7	21.06	18.3	0.0	0.0	0.0	1.5
15	16.4	25.0	19.9	83.8	19.88	17.4	6.0	14.0	20.0	1.8
16	17.0	25.6	20.7	84.9	20.73	18.1	0.0	0.0	0.0	5.0
17	16.5	26.2	21.5	79.2	20.51	17.9	0.0	0.0	0.0	5.8
18	17.4	25.2	21.5	95.1	21.72	18.8	0.0	0.8	0.8	2.6
19	18.0	24.4	20.6	85.5	20.72	18.1	0.0	0.0	0.0	0.4
20	18.5	25.7	21.0	83.8	21.10	18.4	1.4	6.1	7.5	3.0
21	16.5	23.8	20.3	90.2	21.45	18.5	0.0	0.0	0.0	1.4
22	18.0	25.5	19.9	90.4	21.25	18.4	0.0	6.7	6.7	1.2
23	16.4	25.3	20.4	81.7	19.27	16.8	0.0	0.0	0.0	5.1
24	17.4	25.5	20.7	84.0	20.48	17.9	0.0	2.0	2.0	4.3
25	17.0	25.9	21.1	82.0	20.18	17.6	0.0	7.9	7.9	4.4
26	18.0	24.0	20.9	89.1	22.03	19.0	0.0	12.7	12.7	2.4
27	17.5	25.4	20.5	88.8	21.53	18.7	2.8	0.0	2.8	3.8
28	17.0	24.8	20.7	85.5	20.95	18.1	0.0	10.1	10.1	7.0
29	19.0	23.8	20.6	90.5	22.25	19.2	4.1	0.3	4.4	0.3
30	17.0	25.4	21.5	75.1	19.04	16.7	0.0	57.3	57.3	7.5
PROM	17.3	24.5	20.5	86.2	20.85	18.1	89.4	271.1	360.5	68.3

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.988

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	16.0	24.5	20.8	85.1	20.80	18.0	0.0	98.4	98.4	7.3
2	16.5	21.5	19.4	94.6	21.08	18.3	4.3	0.0	4.3	0.0
3	16.0	24.0	20.2	85.0	20.41	17.8	0.0	40.7	40.7	7.5
4	17.0	23.4	19.2	93.0	20.84	18.1	41.8	0.0	41.8	0.9
5	15.0	26.0	20.9	83.5	21.10	18.3	0.0	12.8	12.8	8.0
6	16.8	23.8	20.2	89.3	21.08	18.3	1.8	8.7	10.5	2.3
7	16.9	25.4	21.0	86.5	21.47	18.6	0.0	0.8	0.8	5.0
8	17.6	25.0	21.3	89.2	22.89	19.6	0.0	0.0	0.0	6.0
9	18.0	23.4	20.5	93.6	22.61	19.4	0.0	0.0	0.0	2.1
10	17.8	24.0	21.0	93.6	23.34	19.9	1.1	0.0	1.1	2.7
11	16.5	25.5	21.3	80.0	20.03	17.5	0.0	0.0	0.0	6.2
12	17.2	25.0	20.3	84.5	20.33	17.7	0.0	0.0	0.0	4.8
13	17.0	24.5	20.8	85.2	21.06	18.3	0.0	8.3	8.3	4.7
14	17.8	24.5	20.2	86.5	20.55	17.9	0.0	1.5	1.5	3.7
15	17.0	23.8	19.6	90.1	20.74	18.1	0.6	0.0	0.6	0.0
16	15.5	24.2	21.0	89.4	21.91	18.9	0.0	1.2	1.2	6.7
17	17.0	24.8	21.0	89.7	22.27	19.2	0.0	0.0	0.0	7.7
18	16.7	26.4	20.6	87.5	21.77	18.7	0.0	0.0	0.0	4.6
19	17.0	24.8	20.5	87.1	21.14	18.3	2.3	0.0	2.3	3.3
20	18.0	23.5	19.7	93.4	21.59	18.7	0.0	0.0	0.0	0.6
21	16.0	25.2	21.6	84.8	22.16	19.1	0.0	0.0	0.0	4.8
22	18.0	25.0	21.2	86.2	21.66	18.8	0.3	0.0	0.3	4.3
23	17.7	23.4	20.5	86.4	20.89	18.2	0.0	0.0	0.0	0.2
24	16.5	27.4	21.9	74.5	19.72	17.1	0.0	0.0	0.0	5.4
25	17.5	26.0	21.8	83.4	21.99	19.0	0.0	0.0	0.0	4.6
26	19.0	24.4	21.3	85.5	21.71	18.8	0.0	0.0	0.0	1.4
27	18.0	25.6	21.0	78.5	20.23	17.7	8.5	2.1	10.6	6.0
28	17.5	26.4	20.3	87.1	20.83	18.2	0.0	0.0	0.0	4.5
29	17.5	25.5	21.8	79.7	20.77	18.1	0.0	7.3	7.3	6.6
30	16.5	23.2	20.1	83.4	19.45	17.0	0.0	1.0	1.0	2.6
31	16.8	25.0	21.6	77.6	20.08	17.6	0.0	14.4	14.4	5.9
PROM.	17.0	24.7	20.7	86.3	21.18	18.4	60.7	197.2	257.9	130.4

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	23.8	19.5	89.1	20.40	17.8	0.0	0.0	0.0	5.3
2	17.4	24.5	20.4	89.2	21.39	18.6	0.0	25.4	25.4	1.6
3	16.0	24.0	19.6	85.5	19.42	16.9	0.0	0.0	0.0	1.0
4	15.3	23.8	18.9	91.4	19.89	17.2	0.0	0.8	0.8	3.4
5	16.4	23.0	19.8	88.1	20.35	17.8	0.0	0.0	0.0	6.6
6	16.8	25.4	20.9	78.6	19.77	17.3	0.0	0.0	0.0	7.9
7	16.2	25.8	21.1	77.0	19.23	16.8	0.0	0.0	0.0	8.6
8	17.0	24.0	21.5	74.4	19.17	16.8	0.0	0.0	0.0	4.4
9	16.7	24.4	20.1	80.1	18.76	16.4	0.0	0.0	0.0	3.6
10	17.0	22.6	19.8	85.6	19.80	17.3	0.0	0.0	0.0	2.6
11	16.0	22.9	19.5	80.8	18.14	15.9	0.2	0.1	0.3	2.2
12	16.5	25.0	20.8	69.7	16.64	14.6	0.0	0.0	0.0	5.8
13	17.5	23.2	20.2	84.3	20.04	17.5	0.1	42.5	42.6	1.9
14	16.8	22.8	18.4	91.9	19.90	17.4	7.6	0.3	7.9	3.8
15	15.8	24.8	20.4	79.1	19.23	16.9	0.0	0.7	0.7	9.2
16	15.5	25.6	20.6	85.0	20.87	18.1	0.1	16.3	16.4	5.1
17	15.5	24.1	20.2	80.6	19.24	16.7	0.0	0.4	0.4	3.0
18	16.8	22.0	18.7	90.0	19.67	17.2	2.3	2.2	4.5	0.1
19	15.7	22.5	19.0	92.8	20.29	17.7	0.0	0.7	0.7	2.6
20	16.8	24.4	20.4	86.0	20.68	18.0	0.0	0.0	0.0	4.2
21	15.5	24.0	20.3	85.3	20.55	17.9	0.0	1.0	1.0	2.2
22	15.2	25.8	21.2	81.0	20.21	17.6	0.0	11.9	11.9	7.0
23	15.7	24.0	20.2	88.2	20.77	18.1	0.0	30.4	30.4	2.8
24	15.0	23.4	19.4	84.4	18.86	16.5	0.0	13.4	13.4	3.3
25	15.5	22.0	17.9	91.3	18.45	16.2	5.8	0.0	5.8	0.0
26	15.2	22.4	18.9	88.5	19.31	16.9	0.1	13.0	13.1	3.0
27	17.0	22.6	19.6	91.5	20.86	18.2	6.5	1.2	7.7	7.6
28	17.5	22.5	19.2	93.0	20.95	18.2	15.4	0.0	15.4	1.5
29	17.0	23.5	20.2	86.3	20.42	17.8	0.0	0.0	0.0	4.1
30	15.7	24.0	20.0	79.9	18.66	16.4	0.0	0.0	0.0	9.2
PROM	16.2	23.8	19.9	85.0	19.73	17.2	38.1	160.3	198.4	124.2

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.988

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	16.5	23.6	20.3	82.9	19.85	17.4	0.0	0.0	0.0	2.3
2	16.8	24.0	18.9	91.3	20.24	17.7	5.1	0.4	5.5	1.6
3	16.4	23.0	19.4	86.4	19.43	17.0	0.0	18.7	18.7	0.7
4	16.5	22.5	19.1	84.2	18.39	16.1	0.9	8.5	9.4	0.1
5	16.6	22.3	18.9	92.1	20.06	17.5	0.2	0.4	0.6	0.6
6	16.5	22.6	18.9	90.1	19.83	17.4	0.5	5.4	5.9	1.3
7	16.0	23.0	19.5	82.6	18.68	16.4	0.8	43.1	43.9	5.1
8	15.3	22.5	19.3	90.4	20.29	17.7	0.0	0.3	0.3	1.4
9	16.4	22.4	19.1	88.6	19.71	17.2	0.0	0.0	0.0	3.7
10	15.6	24.0	19.5	77.3	17.52	15.4	0.0	0.0	0.0	6.7
11	15.0	23.8	19.2	79.5	17.51	15.4	0.0	0.0	0.0	5.1
12	15.0	22.5	18.8	82.7	18.08	15.9	0.0	0.0	0.0	3.5
13	14.7	23.2	18.1	67.7	13.58	11.3	0.0	0.0	0.0	5.5
14	14.8	24.4	19.2	55.3	12.14	9.8	0.0	0.0	0.0	9.0
15	14.5	25.0	20.6	58.5	14.11	12.1	0.0	0.0	0.0	8.3
16	14.3	24.5	19.8	66.1	15.02	13.0	0.0	0.0	0.0	7.5
17	15.0	24.2	20.0	71.9	16.54	14.9	0.0	0.0	0.0	9.0
18	14.5	24.0	19.4	75.0	16.81	14.7	0.0	0.0	0.0	6.9
19	15.3	24.8	20.8	65.9	15.87	13.8	0.0	0.0	0.0	9.6
20	14.8	25.4	21.3	61.8	15.73	13.8	0.0	0.0	0.0	8.7
21	15.5	24.0	20.5	68.9	16.67	14.7	0.0	0.0	0.0	4.6
22	16.3	23.5	19.3	80.2	18.00	15.9	0.0	0.0	0.0	1.8
23	16.0	23.0	19.5	78.9	17.86	15.7	0.0	0.0	0.0	2.5
24	15.6	24.3	19.4	81.4	18.40	16.2	0.0	1.6	1.6	5.7
25	16.8	22.8	20.0	83.5	19.36	17.0	0.0	1.9	1.9	2.6
26	16.5	21.8	18.7	84.5	17.99	15.9	0.0	0.0	0.0	0.1
27	14.5	25.0	20.0	60.8	14.25	12.2	0.0	0.0	0.0	10.2
28	15.2	24.4	19.9	75.3	17.44	15.3	0.0	0.0	0.0	6.5
29	16.0	26.3	20.8	60.8	16.22	14.2	0.0	0.0	0.0	5.0
30	18.0	25.0	20.2	84.6	20.34	17.8	0.0	0.1	0.1	2.1
31	16.5	24.5	19.9	84.9	19.92	17.4	1.4	0.0	1.4	4.8
PROM.	15.7	23.8	19.6	77.4	17.62	15.4	8.9	80.4	89.3	142.5

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	25.4	21.1	74.7	18.55	16.3	0.0	0.0	0.0	7.5
2	15.4	23.4	19.4	84.8	19.00	16.7	23.8	0.6	24.4	3.7
3	17.5	22.4	20.0	91.6	21.32	18.5	3.2	14.8	18.0	2.1
4	16.2	23.6	19.6	90.4	20.52	17.9	1.8	0.0	1.8	7.5
5	17.5	25.0	20.4	71.2	18.59	14.4	0.0	3.2	3.2	8.1
6	16.2	25.4	20.1	76.1	18.02	15.8	0.0	0.1	0.1	4.7
7	15.5	25.3	20.7	69.2	18.59	14.5	0.0	0.0	0.0	8.6
8	17.0	23.8	19.8	87.7	20.17	17.6	0.0	0.3	0.3	1.1
9	17.4	23.0	19.8	85.0	19.50	17.1	0.0	0.0	0.0	4.2
10	16.9	24.8	20.3	72.0	18.77	14.7	0.0	0.0	0.0	9.1
11	14.8	23.5	18.9	75.2	16.35	14.3	0.0	0.0	0.0	2.4
12	15.6	25.4	19.6	70.2	15.75	13.8	0.0	23.7	23.7	7.1
13	16.4	24.4	19.7	85.8	19.58	17.1	11.0	0.8	11.8	0.6
14	16.8	22.3	19.2	88.3	19.63	17.2	1.2	0.0	1.2	0.4
15	17.4	25.9	20.5	83.9	20.02	17.5	0.0	3.4	3.4	2.2
16	16.4	24.0	20.8	85.8	20.98	18.3	0.0	42.5	42.5	1.0
17	16.0	21.6	18.5	90.7	19.25	16.9	8.5	0.0	8.5	7.1
18	15.2	24.9	19.2	83.0	18.64	16.4	0.0	0.3	0.3	4.1
19	17.5	25.0	20.1	90.4	21.24	18.5	0.0	39.2	39.2	2.4
20	16.4	23.5	19.5	87.2	19.85	17.4	0.0	1.6	1.6	2.9
21	16.7	21.8	17.9	95.8	19.67	17.2	1.4	6.8	8.2	0.5
22	16.4	20.8	18.8	91.5	19.84	17.4	1.0	0.0	1.0	0.9
23	16.5	24.2	19.7	79.5	18.20	15.9	0.0	14.5	14.5	8.6
24	16.9	23.4	19.8	83.7	19.50	17.1	0.0	2.4	2.4	7.0
25	17.4	25.0	20.2	83.6	19.98	17.5	0.0	0.0	0.0	3.7
26	16.2	23.5	19.9	88.8	20.73	18.0	0.3	3.2	3.5	2.2
27	16.0	22.3	18.3	91.6	19.46	17.1	15.8	0.1	15.9	0.9
28	15.5	24.0	19.7	83.0	19.17	16.8	0.3	0.0	0.3	4.4
29	16.9	24.4	20.4	85.1	20.34	17.7	0.0	21.7	21.7	4.7
30	15.0	24.0	19.5	83.3	18.60	16.3	0.3	1.5	1.8	2.0
31	15.5	19.6	17.1	94.5	18.38	16.2	27.3	0.2	27.5	0.0
PROM	16.4	23.7	19.6	84.0	19.10	16.7	95.9	180.5	276.3	127.7

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.988

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

M E S – SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	23.0	19.8	86.5	19.79	17.2	0.0	30.7	30.7	2.7
2	15.6	24.0	19.8	85.9	19.73	17.3	0.0	0.6	0.6	5.6
3	16.1	24.4	20.3	77.8	18.43	16.2	0.0	0.7	0.7	6.9
4	14.9	24.5	20.0	78.9	18.55	16.3	0.0	0.0	0.0	6.3
5	17.8	23.5	20.1	85.4	20.10	17.6	0.0	0.0	0.0	2.7
6	18.0	24.5	20.8	85.0	20.68	18.0	0.0	0.0	0.0	6.2
7	17.6	24.6	19.8	87.6	20.26	17.7	0.0	0.5	0.5	1.1
8	16.1	22.6	19.1	84.6	18.78	16.5	22.9	0.0	22.9	1.9
9	15.5	24.8	20.8	79.2	18.93	16.6	0.0	1.1	1.1	7.6
10	16.7	22.0	18.2	94.0	19.92	17.4	6.1	0.0	6.1	1.4
11	16.8	22.3	19.5	90.7	20.32	17.7	0.1	0.8	0.9	0.3
12	16.8	20.8	18.6	95.0	20.31	17.7	13.0	0.0	13.0	0.0
13	16.2	23.6	19.7	88.0	20.16	17.6	0.2	8.7	8.9	3.0
14	15.5	22.8	19.0	89.2	19.71	17.2	0.0	0.0	0.0	3.3
15	16.4	25.3	20.5	81.7	19.67	17.2	0.0	0.6	0.6	7.6
16	16.0	26.4	21.8	79.8	21.10	18.3	0.0	0.6	0.6	9.3
17	16.7	24.0	20.0	89.3	20.88	18.2	0.0	12.2	12.2	6.2
18	16.2	22.7	19.5	94.4	21.53	18.6	0.1	17.7	17.8	1.6
19	17.0	21.4	18.7	94.8	20.40	17.8	0.0	50.7	50.7	
20	16.4	24.0	20.2	85.6	20.12	17.6	0.5	34.4	34.9	4.4
21	15.4	24.3	19.6	89.3	20.50	17.9	0.0	0.0	0.0	5.7
22	16.3	25.9	19.8	86.3	20.34	17.7	0.0	0.0	0.0	4.5
23	17.2	24.9	20.7	80.9	19.75	17.3	0.0	5.6	5.6	4.3
24	16.8	26.0	21.1	84.4	21.41	18.5	0.1	12.8	12.9	4.5
25	15.6	24.2	20.5	89.4	21.84	18.9	0.0	0.0	0.0	6.8
26	18.0	22.8	19.7	86.9	20.30	17.8	0.0	0.0	0.0	0.0
27	14.2	25.0	19.9	85.6	20.04	17.5	0.0	0.0	0.0	6.6
28	16.3	26.2	21.1	85.0	21.33	18.5	0.0	0.0	0.0	4.3
29	17.1	23.3	20.2	88.6	21.35	18.5	0.4	5.3	5.7	2.1
30	17.0	23.8	19.0	95.0	21.00	18.2	1.7	1.7	3.4	2.0
PROM.	16.4	23.9	19.9	86.8	20.24	17.7	45.1	184.7	229.8	

M E S – OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.7	23.7	20.2	84.5	20.15	17.6	0.0	1.1	1.1	1.6
2	17.0	23.5	19.5	84.1	19.29	16.9	0.0	17.1	17.1	3.1
3	16.5	23.8	19.7	90.1	20.62	18.0	0.0	5.6	5.6	6.9
4	16.0	24.2	19.8	85.6	19.75	17.3	0.0	23.5	23.5	5.0
5	17.2	25.4	20.9	85.6	21.36	18.5	2.2	10.4	12.6	4.3
6	17.0	24.8	20.6	88.3	21.47	18.6	0.0	5.0	5.0	4.2
7	17.5	23.8	20.4	89.2	21.46	18.6	0.0	2.8	2.8	2.8
8	17.6	21.2	19.1	91.7	20.33	17.8	0.0	0.0	0.0	0.2
9	17.8	24.9	20.7	84.8	20.88	18.2	0.0	0.0	0.0	5.1
10	14.8	26.5	20.4	81.7	20.05	17.5	0.0	0.0	0.0	8.9
11	16.7	25.4	21.0	80.2	20.19	17.6	0.0	0.0	0.0	5.1
12	17.5	24.4	19.6	88.0	20.24	17.7	0.0	0.0	0.0	0.4
13	17.0	24.0	19.1	83.7	18.48	16.2	0.0	21.1	21.1	1.2
14	16.4	23.2	19.1	85.9	19.12	16.8	8.5	114.1	122.6	0.8
15	15.0	21.2	17.5	91.1	18.25	16.1	11.2	0.0	11.2	0.1
16	15.8	23.4	19.5	83.8	19.01	16.7	0.0	2.7	2.7	0.6
17	16.0	24.4	19.1	90.5	20.45	17.8	2.8	7.3	10.1	0.9
18	16.0	24.0	19.8	84.7	19.39	17.0	0.0	3.8	3.8	2.5
19	16.9	23.2	20.4	84.8	20.38	17.8	0.0	0.0	0.0	2.6
20	16.5	26.0	21.0	78.0	19.41	17.0	5.9	34.7	40.6	4.5
21	16.1	24.4	20.0	86.7	20.65	18.0	0.0	6.8	6.8	4.8
22	15.8	21.8	18.7	90.0	19.60	17.1	0.0	0.0	0.0	0.0
23	14.2	24.0	19.7	81.4	19.16	16.7	0.0	0.0	0.0	8.2
24	16.4	26.8	21.7	79.0	20.77	18.1	0.0	0.4	0.4	4.5
25	15.5	25.2	19.8	86.8	20.10	17.5	0.0	0.0	0.0	2.8
26	14.9	25.3	20.6	79.8	19.10	16.7	0.0	0.0	0.0	5.1
27	17.2	24.4	20.5	85.3	20.74	18.0	0.0	11.0	11.0	1.9
28	16.8	22.4	18.7	93.6	20.40	17.8	0.5	0.0	0.5	0.0
29	14.8	23.3	19.1	85.3	19.04	16.7	0.0	0.0	0.0	1.4
30	17.6	24.5	20.4	84.5	20.47	17.9	0.0	0.0	0.0	3.5
31	16.8	23.0	19.2	91.6	20.64	17.9	0.0	0.0	0.0	3.6
PROM	16.4	24.1	19.9	85.8	20.03	17.5	31.1	267.4	298.5	96.6

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.988

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

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.5	24.8	19.1	93.0	21.05	18.2	1.5	22.5	24.0	1.2
2	16.8	23.4	19.2	93.3	20.82	18.1	0.1	23.6	23.7	2.1
3	15.7	23.5	19.5	91.0	20.61	18.0	0.0	0.0	0.0	0.5
4	14.6	23.0	18.7	91.6	19.97	17.4	0.0	0.0	0.0	4.2
5	15.6	24.7	20.0	88.5	20.62	17.5	0.0	0.0	0.0	6.8
6	16.8	24.2	19.1	88.0	19.74	17.3	0.2	0.0	0.2	3.2
7	15.8	25.4	19.9	85.3	19.80	17.3	0.0	7.6	7.6	2.9
8	16.2	24.0	19.8	89.7	20.70	18.0	0.0	0.0	0.0	5.6
9	16.3	23.4	19.4	89.8	20.69	18.0	0.0	0.5	0.9	5.9
10	17.2	23.7	19.6	90.2	20.81	18.1	0.0	44.6	44.6	4.6
11	16.1	22.5	18.6	94.7	20.67	18.0	0.3	0.3	0.6	1.3
12	16.9	22.4	18.7	90.3	19.64	17.2	0.0	0.0	0.0	3.2
13	16.8	24.0	19.6	91.8	21.10	18.3	5.1	21.4	26.5	2.3
14	16.4	24.8	19.6	91.4	20.92	18.2	0.0	6.9	6.9	3.3
15	16.0	23.9	19.4	90.5	20.12	17.6	0.0	9.6	9.6	1.2
16	17.0	23.4	19.1	89.7	19.94	17.5	0.2	24.3	24.5	0.8
17	17.5	23.0	20.0	91.5	21.31	18.5	1.1	3.2	4.3	2.2
18	16.2	23.8	19.8	91.7	21.26	18.4	0.0	1.7	1.7	2.4
19	17.3	23.9	19.7	87.0	20.07	17.6	4.8	3.5	8.3	0.5
20	16.8	21.4	18.3	92.4	19.60	17.2	7.6	10.0	17.6	0.5
21	16.6	22.5	19.3	88.5	19.98	17.5	2.3	12.4	14.7	0.0
22	17.0	25.2	20.5	85.9	20.95	18.2	0.6	0.0	0.6	4.3
23	16.8	25.9	20.0	86.5	20.54	17.9	4.6	16.3	20.9	2.7
24	16.2	23.6	18.8	92.3	20.17	17.6	6.8	0.0	6.8	1.1
25	16.4	23.2	19.6	90.1	20.71	18.0	3.9	0.0	3.9	2.3
26	15.0	23.4	19.2	90.0	20.03	17.5	0.2	0.0	0.2	1.7
27	16.8	24.4	20.4	91.1	22.03	19.0	0.0	0.0	0.0	2.4
28	17.0	25.4	20.9	85.5	21.29	18.5	0.0	4.2	4.2	6.1
29	17.3	23.2	19.4	90.4	20.61	18.0	0.3	0.2	0.5	0.9
30	17.7	24.8	19.3	87.7	20.08	17.6	2.0	19.3	21.3	2.9
PROM.	16.5	23.8	19.5	90.0	20.53	17.9	41.6	232.5	274.1	79.1

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	16.4	22.7	19.6	90.0	20.74	18.0	19.5	0.9	20.4	0.4
2	16.3	23.4	19.5	88.0	19.98	17.5	1.0	103.7	104.7	1.1
3	15.4	20.2	17.8	96.7	19.66	17.2	18.5	3.0	21.5	0.0
4	16.0	22.0	18.6	91.1	19.53	17.1	0.7	47.7	48.4	1.6
5	15.9	23.5	19.0	92.1	20.45	17.8	0.7	25.8	26.5	0.5
6	16.4	22.9	18.5	94.5	20.05	17.5	0.0	4.4	4.4	1.3
7	16.0	24.5	19.7	91.7	21.26	18.5	0.0	0.0	0.0	3.0
8	15.9	23.5	18.6	87.7	19.31	16.9	0.2	0.6	0.8	2.4
9	16.5	22.5	18.3	97.0	20.57	17.9	0.0	0.0	0.0	0.5
10	16.0	24.2	19.7	87.3	20.33	17.7	0.0	0.0	0.0	3.4
11	15.8	24.9	20.2	87.0	20.68	18.0	0.0	0.4	0.4	4.9
12	16.0	25.0	19.9	83.6	19.64	17.1	0.4	0.0	0.4	5.3
13	16.8	23.2	19.7	90.1	20.95	18.2	0.2	0.1	0.3	0.6
14	15.9	22.8	18.6	92.4	19.97	17.4	0.7	0.0	0.7	0.9
15	15.0	24.4	19.5	87.5	20.19	17.4	0.0	0.0	0.0	6.1
16	14.9	25.0	20.0	85.5	20.16	17.5	0.0	0.6	0.6	3.9
17	15.9	24.8	20.1	83.5	19.81	17.4	0.0	0.0	0.0	7.6
18	16.0	22.7	19.4	83.5	18.95	16.6	0.0	0.0	0.0	2.3
19	16.4	24.2	19.9	84.4	19.84	17.4	0.0	0.0	0.0	3.8
20	14.1	25.4	20.2	79.7	19.10	16.8	0.0	2.5	2.5	9.4
21	15.2	24.7	18.9	84.1	18.81	16.2	2.9	0.0	2.9	7.1
22	15.0	24.4	19.3	87.5	19.65	17.1	0.0	0.0	0.0	2.9
23	16.0	22.3	18.4	93.2	19.70	17.2	1.7	0.0	1.7	0.5
24	14.6	23.2	17.7	91.6	18.61	16.3	9.9	0.0	9.9	2.7
25	16.1	23.0	18.6	89.8	19.68	17.2	2.3	0.8	3.1	0.7
26	16.2	23.2	19.3	85.9	19.66	17.2	0.0	0.0	0.0	
27	16.5	24.2	19.5	90.4	20.84	18.1	0.0	0.0	0.0	
28	16.4	23.0	19.4	91.6	20.66	18.0	2.9	10.4	13.3	
29	15.8	24.0	18.7	88.2	19.30	16.9	0.0	0.0	0.0	
30	16.0	21.8	18.2	89.6	18.96	16.6	0.5	5.7	6.2	
31	16.8	22.0	18.8	95.1	20.72	18.0	0.0	0.0	0.0	
PROM	15.9	23.5	19.1	89.0	19.92	17.4	62.1	206.6	268.7	

ESTACION: LA TRINIDAD MUNICIPIO: LIBANO AÑO: 1.988

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	16.1	24.9	20.3	14.5	27.0	82.4	19.68	17.2	178.9	15	149.7
FEBRERO	16.7	24.7	20.3	15.2	27.4	81.8	19.49	17.0	141.0	15	83.2
MARZO	16.3	26.3	21.0	14.5	29.8	73.9	18.12	15.8	64.3	8	116.4
ABRIL	17.3	24.5	20.5	15.0	26.2	86.2	20.85	18.1	360.5	22	68.3
MAYO	17.0	24.7	20.7	15.0	27.4	86.3	21.18	18.4	257.9	18	130.4
JUNIO	16.2	23.8	19.9	15.0	25.8	85.0	19.73	17.2	198.4	18	124.2
JULIO	15.7	23.8	19.6	14.3	26.3	77.4	17.62	15.4	89.3	11	142.5
AGOSTO	16.4	23.7	19.6	14.8	25.9	84.0	19.10	16.7	276.8	25	127.7
SEPTIEMBRE	16.4	23.9	19.9	14.2	26.4	86.8	20.24	17.7	229.8	20	
OCTUBRE	16.4	24.1	19.9	14.2	26.8	85.8	20.03	17.5	298.5	18	96.6
NOVIEMBRE	16.5	23.8	19.5	14.6	25.9	90.0	20.53	17.9	274.1	24	79.1
DICIEMBRE	15.9	23.5	19.1	14.1	25.4	89.0	19.92	17.4	268.7	19	
PROMEDIO	16.4	24.3	20.0	14.6	26.7	84.0	19.71	17.2			
TOTAL									2638.2	213	

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.968

ALTITUD: 1.010 LATITUD: 3-56 N. LONGITUD: 74-36 W.

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	23.5	18.9	79.1	17.23	15.1	0.0	0.0	0.0	2.0
2	16.5	25.0	20.9	76.8	19.00	16.5	0.0	0.0	0.0	5.9
3	16.0	24.7	20.6	79.8	19.65	17.0	0.0	0.0	0.0	0.0
4	15.8	24.0	20.2	81.2	18.97	16.6	0.0	0.0	0.0	2.0
5	16.8	23.5	20.4	78.3	19.10	16.0	0.0	0.0	0.0	3.2
6	16.4	23.6	20.0	85.3	20.20	17.6	0.0	0.0	0.0	2.2
7	16.7	22.0	19.6	79.7	18.00	15.8	0.0	0.0	0.0	0.5
8	17.5	23.2	20.5	81.4	19.54	17.1	0.4	0.0	0.4	1.5
9	17.3	24.0	20.2	84.6	20.09	17.5	0.0	0.0	0.0	1.6
10	16.7	23.7	19.9	84.6	19.69	17.1	0.0	0.0	0.0	2.2
11	16.0	24.8	20.6	80.0	19.57	17.1	0.0	0.0	0.0	2.1
12	17.0	25.8	20.7	74.8	18.24	15.9	0.0	0.0	0.0	3.3
13	16.4	25.4	20.5	74.5	18.26	15.9	0.0	0.0	0.0	3.9
14	17.2	23.2	19.7	89.8	20.43	17.8	0.0	0.0	0.0	0.0
15	16.8	24.0	20.2	85.0	20.37	17.7	0.0	16.7	16.7	1.6
16	15.8	21.0	18.8	88.6	19.07	16.7	9.0	13.8	22.8	0.3
17	16.4	22.5	18.5	88.3	18.58	16.3	1.1	12.4	13.5	0.9
18	15.8	23.6	19.4	92.9	21.02	18.3	22.7	1.5	24.2	3.1
19	17.0	22.8	19.2	86.4	19.45	17.0	0.0	0.0	0.0	1.8
20	16.0	24.4	19.3	86.0	19.31	16.9	0.0	0.0	0.0	3.8
21	15.5	24.5	19.8	82.0	19.10	16.7	0.0	0.0	0.0	3.6
22	15.7	22.6	19.2	85.3	18.91	16.6	0.0	0.0	0.0	0.7
23	16.0	23.0	19.3	80.5	18.08	15.9	0.0	0.0	0.0	1.9
24	16.3	24.0	19.9	75.2	16.87	14.6	0.0	0.0	0.0	3.1
25	15.6	23.6	20.0	75.4	17.74	15.5	0.0	0.0	0.0	1.4
26	16.4	23.8	20.2	70.7	17.08	14.7	0.0	0.0	0.0	3.0
27	16.0	22.5	19.4	86.4	19.72	17.2	0.0	0.0	0.0	0.6
28	16.8	23.7	19.4	91.1	20.57	17.6	0.0	0.1	0.1	1.8
29	17.3	21.4	18.7	90.1	19.51	17.0	0.8	0.0	0.8	0.5
30	17.0	23.8	20.0	81.7	19.23	16.7	0.0	0.0	0.0	1.1
31	16.4	23.2	20.4	78.1	18.76	16.3	0.0	0.0	0.0	1.1
PROM.	16.4	23.6	19.8	82.3	19.07	16.6	54.0	44.5	78.5	60.7

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	17.2	25.8	21.4	69.7	17.77	15.6	0.0	0.0	0.0	5.5
2	17.0	25.0	20.8	68.1	16.74	14.6	0.0	0.0	0.0	4.2
3	16.8	25.4	20.5	75.5	18.60	16.1	2.0	0.0	2.0	3.5
4	17.0	22.6	19.9	87.4	20.44	17.8	3.1	0.0	3.1	1.9
5	17.4	22.5	19.9	91.6	21.29	18.5	6.0	0.0	6.0	0.5
6	16.4	23.5	19.8	74.9	17.13	15.1	0.1	0.0	0.1	1.9
7	17.0	21.0	18.3	92.7	19.41	17.0	0.6	0.0	0.6	0.0
8	16.9	22.2	20.4	81.0	19.15	16.7	0.8	0.0	0.8	1.8
9	17.6	24.5	19.8	85.2	19.39	16.9	14.8	0.0	14.8	2.6
10	17.4	23.4	20.5	78.8	18.99	16.7	1.2	0.0	1.2	1.2
11	16.4	23.5	19.6	84.9	19.75	17.3	1.1	0.0	1.1	1.2
12	16.0	22.5	18.9	88.4	19.11	16.7	6.0	3.2	9.2	4.5
13	16.8	22.4	18.1	91.5	19.07	16.8	18.3	0.0	18.3	2.6
14	15.4	23.0	18.4	92.1	19.21	16.7	1.4	0.0	1.4	1.9
15	15.6	24.6	20.4	73.3	17.64	15.4	0.0	0.0	0.0	4.3
16	17.4	25.5	21.1	81.6	20.56	17.6	0.0	0.0	0.0	5.0
17	17.0	25.0	21.3	70.2	17.73	15.4	0.0	0.0	0.0	2.4
18	16.8	25.8	21.8	73.5	19.21	16.6	0.0	0.0	0.0	4.8
19	17.0	24.6	21.7	75.7	19.67	17.2	0.0	0.0	0.0	2.6
20	16.9	24.7	21.5	75.0	19.17	16.7	0.0	0.0	0.0	3.8
21	17.3	24.0	20.3	78.7	18.74	16.4	12.0	0.0	12.0	0.0
22	17.4	22.4	19.8	86.5	19.91	17.4	0.0	0.0	0.0	2.8
23	17.8	22.8	20.3	80.0	18.95	16.7	14.4	0.0	14.4	
24	17.5	23.0	20.0	88.7	21.04	18.1	0.1	0.0	0.1	0.0
25	16.9	24.4	19.5	87.8	20.13	17.5	12.2	1.2	13.4	0.9
26	16.5	22.5	18.1	93.2	19.40	17.0	42.7	3.3	46.0	0.8
27	16.9	19.0	17.6	95.7	19.31	17.0	11.2	3.6	14.8	0.0
28	15.5	21.6	18.2	90.1	18.71	16.4	0.0	2.2	2.2	0.0
29	16.3	24.0	19.6	86.9	19.65	17.2	0.4	0.0	0.4	3.5
PROM	16.8	23.5	19.9	82.7	19.17	16.7	148.4	13.5	161.9	

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.988

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

M E S – MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.0	23.8	20.0	87.0	20.26	17.7	1.9	0.0	1.9	4.0
2	16.4	22.4	19.0	83.2	18.29	16.1	0.0	0.0	0.0	0.0
3	16.5	22.5	19.8	77.2	17.75	15.6	0.0	0.0	0.0	1.2
4	15.8	24.2	20.5	71.0	17.18	15.1	0.0	0.0	0.0	2.3
5	16.3	24.8	21.0	64.5	16.20	13.9	0.0	0.0	0.0	3.3
6	16.7	23.0	20.0	73.0	17.20	15.0	0.0	0.0	0.0	0.1
7	16.0	24.8	19.8	78.6	18.06	15.9	0.0	0.0	0.0	0.0
8	16.9	24.4	20.8	79.8	19.53	17.1	0.0	21.3	21.3	0.0
9	16.4	22.2	19.1	88.2	19.49	17.1	0.8	161.3	162.1	0.0
10	15.4	24.0	19.8	89.5	20.58	17.9	0.0	0.0	0.0	0.1
11	16.5	25.0	20.6	87.2	20.99	18.3	0.0	0.0	0.0	
12	15.7	24.0	20.4	79.5	18.74	16.5	0.0	0.0	0.0	
13	16.7	24.8	20.8	78.2	19.27	16.8	0.0	0.0	0.0	
14	16.4	24.6	20.8	82.2	20.01	17.5	0.0	0.0	0.0	
15	16.5	24.3	20.5	85.0	20.30	17.7	0.0	0.0	0.0	
16	17.0	23.2	19.9	85.0	19.62	17.2	6.9	0.0	6.9	
17	17.5	24.7	20.4	79.3	19.10	16.8	0.0	0.0	0.0	
18	16.4	24.3	20.6	76.5	18.50	16.2	0.0	0.0	0.0	
19	17.0	24.4	20.5	75.1	18.03	15.8	0.0	0.0	0.0	
20	17.2	24.0	20.3	75.1	17.92	15.7	0.0	0.0	0.0	
21	16.8	26.4	21.0	73.4	18.06	15.8	0.0	0.0	0.0	
22	17.0	25.5	21.1	65.7	16.39	14.4	0.0	0.0	0.0	
23	16.8	25.8	22.3	66.4	17.87	15.7	0.0	0.0	0.0	
24	16.9	24.6	21.4	70.8	17.95	15.6	0.0	0.0	0.0	
25	16.0	26.0	21.0	61.5	15.18	13.2	0.0	0.0	0.0	
26	17.5	22.8	20.1	78.2	18.22	16.0	0.0	0.0	0.0	
27	17.8	22.2	20.0	78.3	18.25	16.0	0.0	0.0	0.0	
28	17.5	23.0	19.3	73.9	17.34	15.1	0.0	0.0	0.0	
29	16.4	21.8	19.5	87.0	20.02	17.5	0.2	0.0	0.2	
30	16.5	22.0	20.1	83.2	19.50	17.0	0.1	0.0	0.1	
31	17.6	21.8	20.4	80.1	19.05	16.7	0.7	0.0	0.7	1.1
PROM.	16.7	23.9	20.3	77.9	18.54	16.2	10.6	182.6	193.2	

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	15.8	24.0	20.1	88.9	21.22	18.3	0.0	0.0	0.0	
2	15.4	21.6	19.7	86.6	19.68	17.2	9.8	0.1	9.9	0.0
3	17.4	23.7	20.6	81.5	19.49	17.1	2.3	17.6	19.9	0.9
4	17.0	22.7	20.1	86.8	20.67	18.0	3.6	17.3	20.9	
5	16.9	23.0	19.8	86.6	19.92	17.4	3.3	5.8	9.1	0.9
6	17.4	20.2	17.5	93.6	18.91	16.6	17.6	0.3	17.9	0.0
7	16.4	21.4	19.1	83.6	18.60	16.4	1.6	0.4	2.0	0.0
8	16.9	21.4	19.9	86.6	20.10	17.6	5.6	0.0	5.6	0.6
9	18.0	20.6	18.9	88.3	19.47	17.0	1.5	0.2	1.7	0.0
10	16.8	20.2	18.3	90.4	19.10	16.8	12.3	13.2	25.5	0.0
11	16.4	21.6	18.5	89.3	19.05	16.7	2.4	11.8	14.2	0.2
12	15.8	20.4	18.0	94.1	19.23	16.9	0.8	5.1	5.9	1.0
13	15.5	18.4	16.9	94.2	18.06	15.9	8.7	0.0	8.7	0.0
14	14.4	21.4	18.9	83.4	18.13	15.9	0.0	0.0	0.0	3.0
15	17.0	21.4	18.4	94.1	19.79	17.4	10.5	7.2	17.7	1.9
16	16.4	23.6	19.7	88.5	20.28	17.7	2.4	0.9	3.3	5.4
17	17.0	22.2	19.3	86.0	19.33	16.9	0.0	0.0	0.0	0.8
18	16.9	23.7	20.8	81.5	20.26	17.7	0.0	0.0	0.0	2.0
19	17.0	23.2	20.4	82.1	19.89	17.3	0.0	0.0	0.0	1.4
20	17.5	24.0	19.5	83.3	18.70	16.4	0.0	0.0	0.0	1.9
21	17.5	21.0	19.0	89.7	19.71	17.3	3.2	0.0	3.2	0.0
22	16.5	20.6	17.4	91.3	18.06	15.9	26.3	0.2	26.5	0.2
23	15.6	21.0	18.5	83.9	17.78	15.6	0.5	0.0	0.5	0.1
24	15.5	23.0	19.2	81.5	18.09	15.8	0.0	0.0	0.0	2.2
25	15.7	23.7	20.2	80.0	18.80	16.5	4.5	0.0	4.5	0.2
26	17.4	23.0	19.4	89.1	19.96	17.4	0.0	0.0	0.0	0.4
27	17.5	22.5	19.1	85.1	18.57	16.3	8.8	0.0	8.8	1.2
28	17.5	22.3	19.7	88.3	20.28	17.6	0.0	0.0	0.0	0.8
29	17.0	21.4	18.8	84.7	18.57	16.3	7.8	3.5	11.3	2.7
30	17.2	22.4	20.0	85.8	20.17	17.6	15.1	2.1	17.2	4.2
PROM	16.6	22.0	19.2	87.0	19.33	16.9	148.6	85.7	234.3	

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.988

ALTITUD: 1.610 LATITUD: 3-56 N. LONGITUD: 74-36 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	16.5	22.5	17.8	91.8	18.41	16.2	9.0	0.0	9.0	
2	16.9	21.0	17.6	96.9	19.59	17.2	5.8	0.0	5.8	0.4
3	16.0	23.1	20.2	93.7	22.52	19.2	0.6	0.6	1.2	4.2
4	16.0	19.4	17.6	92.8	18.56	16.3	0.5	0.0	0.5	5.1
5	15.8	23.5	19.9	77.5	17.72	15.6	0.0	0.0	0.0	
6	16.4	22.4	19.2	90.2	19.78	17.3	0.0	0.0	0.0	
7	17.0	24.6	20.2	86.5	20.22	17.6	0.0	0.0	0.0	2.4
8	16.9	24.4	19.8	91.2	20.78	18.0	0.3	0.0	0.3	2.7
9	17.5	23.2	20.5	86.3	20.79	18.1	3.1	0.0	3.1	1.3
10	17.5	21.7	20.0	89.3	20.96	18.3	0.0	0.0	0.0	2.1
11	17.5	22.6	20.3	86.5	20.97	18.2	0.1	0.0	0.1	1.6
12	18.0	23.0	19.9	83.2	19.40	17.0	1.1	0.0	1.1	2.4
13	17.5	22.0	19.1	89.4	19.88	17.4	0.6	0.4	1.0	0.2
14	16.8	24.0	19.9	80.3	19.04	16.7	14.5	0.0	14.5	1.8
15	17.0	22.0	18.1	85.8	18.10	16.0	16.3	0.0	16.3	2.6
16	15.5	24.0	20.4	78.2	18.66	16.4	0.4	0.0	0.4	5.0
17	16.8	22.2	19.4	83.8	19.29	16.8	9.3	0.1	9.4	3.2
18	16.4	23.0	19.8	81.5	18.88	16.6	0.0	0.0	0.0	1.4
19	17.0	22.0	18.9	86.4	18.91	16.6	3.6	0.3	3.9	2.4
20	16.5	21.2	18.5	88.9	18.61	16.3	1.6	0.0	1.6	1.3
21	16.4	23.5	18.6	90.1	19.22	16.9	1.6	0.0	1.6	2.5
22	17.5	23.5	20.2	85.4	20.05	17.5	0.0	0.7	0.7	3.4
23	16.4	23.5	19.1	79.8	17.79	15.6	5.1	0.0	5.1	1.0
24	18.0	24.2	20.8	75.2	18.65	16.4	0.0	0.0	0.0	4.6
25	18.0	24.8	21.1	72.4	18.21	16.1	2.8	0.8	3.6	2.8
26	17.8	23.0	19.5	78.1	17.98	15.8	4.1	0.0	4.1	2.1
27	17.8	23.2	19.4	78.2	17.68	15.5	7.1	0.0	7.1	1.9
28	16.5	21.5	18.6	87.3	18.86	16.5	15.5	0.7	16.2	2.3
29	15.8	24.4	19.4	83.8	18.84	16.5	2.3	6.7	9.0	3.9
30	14.5	21.4	19.3	82.3	18.48	16.1	0.0	0.0	0.0	3.1
31	17.0	22.3	19.1	84.7	18.85	16.5	0.0	0.0	0.0	1.5
PROM.	16.8	22.8	19.4	85.1	19.22	16.8	105.3	10.3	115.6	

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	20.3	17.8	87.7	17.94	15.8	0.0	0.0	0.0	0.4
2	15.9	22.2	17.5	87.3	17.49	15.4	0.0	0.0	0.0	2.2
3	16.0	21.8	18.9	88.9	19.42	17.0	0.0	0.0	0.0	0.4
4	15.9	21.8	18.6	84.6	18.51	16.3	0.0	0.0	0.0	1.3
5	15.4	21.0	17.6	89.5	18.26	16.1	0.0	0.0	0.0	1.5
6	16.8	23.0	18.8	84.5	18.36	16.2	0.0	0.0	0.0	4.8
7	16.8	24.7	20.5	78.0	18.74	16.5	0.0	0.0	0.0	7.1
8	16.0	22.7	19.1	82.9	18.75	16.4	0.5	0.0	0.5	3.4
9	16.4	22.0	18.0	91.8	19.13	16.8	8.3	1.8	10.1	1.3
10	15.4	19.2	17.4	90.3	17.73	15.6	14.4	0.0	14.4	0.4
11	15.8	18.2	16.9	91.7	17.61	15.5	4.1	0.0	4.1	0.0
12	16.5	21.8	19.1	86.4	19.08	16.7	0.0	0.0	0.0	6.4
13	16.0	22.4	19.4	87.5	19.83	17.4	0.0	0.0	0.0	
14	15.8	23.0	19.6	86.5	19.57	17.2	0.0	0.0	0.0	
15	16.4	22.4	19.2	88.6	19.65	17.2	0.0	0.0	0.0	
16	16.0	21.6	18.5	89.7	19.15	16.8	0.0	0.0	0.0	3.2
17	15.6	23.0	19.8	84.8	19.48	17.1	0.0	0.0	0.0	2.4
18	16.0	22.6	19.3	85.1	18.89	16.6	0.0	14.0	14.0	0.0
19	16.4	21.8	18.5	83.3	17.71	15.6	14.0	13.0	27.0	3.7
20	16.5	24.8	19.8	78.4	18.02	15.8	14.0	0.0	14.0	5.6
21	17.4	22.0	19.5	77.3	17.46	15.3	0.0	10.0	10.0	2.4
22	16.9	23.0	18.7	86.2	18.76	16.5	0.0	0.0	0.0	3.5
23	15.8	23.8	19.7	79.8	18.02	15.9	0.0	0.0	0.0	2.2
24	16.8	21.6	18.0	82.0	16.88	14.8	13.0	14.0	27.0	2.9
25	14.9	18.0	16.2	93.9	17.38	15.3	33.0	0.0	33.0	0.0
26	15.0	20.0	18.7	84.5	18.26	16.0	0.0	0.0	0.0	0.7
27	14.8	23.6	19.7	83.3	19.03	16.7	0.0	0.0	0.0	4.9
28	17.0	22.0	18.1	84.8	17.53	15.4	0.0	0.0	0.0	0.2
29	15.5	21.8	18.6	80.6	17.19	15.1	0.0	0.0	0.0	1.8
30	15.8	22.0	19.3	79.8	17.65	15.5	0.0	0.0	0.0	3.0
PROM	16.1	21.9	18.7	85.3	18.38	16.2	101.3	52.8	154.1	

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.988

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	15.4	22.5	18.9	90.8	19.65	17.1	0.0	0.0	0.0	1.4
2	16.2	23.0	18.6	84.3	18.08	15.9	0.0	5.0	5.0	2.4
3	17.0	22.2	18.9	93.2	20.72	18.0	1.0	1.0	2.0	1.6
4	16.8	21.6	17.8	89.3	18.58	16.3	0.0	5.0	5.0	0.2
5	15.0	20.8	17.7	86.2	17.43	15.3	5.0	2.0	7.0	0.2
6	14.5	20.3	17.8	91.3	18.64	16.4	0.0	10.0	10.0	2.0
7	14.4	22.0	18.1	87.2	18.17	16.0	0.0	2.0	2.0	1.4
8	15.4	22.4	18.4	91.5	19.31	16.9	0.0	1.0	1.0	1.6
9	15.3	20.0	18.1	90.3	18.68	16.4	0.0	0.0	0.0	0.3
10	15.7	21.5	18.0	91.2	19.02	16.7	0.0	0.0	0.0	1.3
11	15.5	20.6	17.7	88.4	17.93	15.8	0.0	0.0	0.0	0.8
12	15.8	20.2	17.7	87.6	17.65	15.5	0.0	3.0	3.0	1.0
13	14.4	20.4	17.3	82.6	16.30	14.3	0.0	0.0	0.0	1.3
14	14.0	23.8	18.6	67.8	14.26	12.1	0.0	0.0	0.0	6.4
15	13.8	21.4	18.3	73.2	15.23	13.2	0.0	0.0	0.0	3.1
16	15.0	21.5	18.9	72.3	15.58	13.5	0.0	0.0	0.0	2.6
17	15.5	24.5	18.9	84.5	18.41	16.1	0.0	0.0	0.0	4.5
18	14.0	19.0	16.3	88.8	16.62	14.5	23.9	0.0	23.9	0.9
19	16.4	21.0	18.3	81.8	17.21	15.1	4.7	0.0	4.7	2.2
20	14.5	20.6	17.8	86.7	17.67	15.6	2.1	0.0	2.1	2.9
21	15.0	20.4	17.5	79.8	15.83	13.8	0.2	0.0	0.2	0.9
22	14.5	19.6	16.8	82.2	15.76	13.8	5.0	0.0	5.0	0.4
23	14.0	20.5	17.5	77.7	15.25	13.3	0.0	0.0	0.0	0.7
24	15.0	23.0	18.4	80.5	16.65	14.6	1.7	6.5	8.6	2.7
25	16.0	21.6	18.1	80.8	16.71	14.7	0.4	2.6	3.0	2.1
26	14.8	18.0	16.2	90.1	16.41	14.4	28.3	0.0	28.3	0.2
27	14.0	23.5	19.8	71.6	16.10	14.1	3.4	0.0	3.4	5.2
28	16.4	22.5	19.7	70.0	15.94	13.9	0.4	0.0	0.4	2.8
29	15.5	22.6	19.3	73.1	16.13	14.1	1.4	0.4	1.8	3.5
30	15.6	20.5	17.4	80.5	16.08	14.1	2.7	0.0	2.7	0.3
31	15.0	22.5	18.0	81.6	16.78	14.7	5.5	0.0	5.5	2.0
PROM.	15.2	21.4	18.1	83.1	17.19	15.0	85.7	38.5	124.6	58.9

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	23.9	19.0	88.0	19.32	16.9	3.5	0.1	3.6	5.0
2	15.2	21.5	17.9	90.0	18.43	16.2	7.7	1.6	9.3	1.2
3	15.3	21.0	18.0	86.3	17.64	15.5	7.6	0.0	7.6	0.8
4	15.5	22.0	18.8	86.6	18.68	16.4	23.7	0.0	23.7	3.5
5	16.0	23.5	21.1	65.3	15.73	13.7	0.0	0.0	0.0	4.8
6	15.9	22.4	19.2	83.1	18.24	16.0	0.0	0.0	0.0	2.1
7	14.8	22.2	18.9	83.8	17.94	15.7	0.7	5.7	6.4	2.6
8	15.0	21.4	17.8	88.1	17.88	15.7	0.2	0.0	0.2	1.4
9	14.7	20.6	17.9	85.3	16.99	14.9	0.2	0.0	0.2	2.1
10	14.5	21.4	18.9	74.9	16.19	14.2	0.3	0.0	0.3	2.5
11	15.0	20.0	17.7	76.0	15.33	13.3	1.7	0.0	1.7	0.7
12	14.5	24.0	19.8	71.5	16.06	14.0	1.0	0.0	1.0	3.9
13	16.3	23.2	19.6	80.1	17.90	15.7	3.2	1.8	5.0	5.2
14	16.0	21.5	18.6	83.0	17.78	15.6	0.0	0.0	0.0	
15	15.4	22.5	18.2	83.5	17.55	15.4	1.7	4.4	6.1	1.8
16	16.0	22.3	19.5	78.2	17.65	15.5	0.7	2.5	3.2	
17	15.5	19.3	16.6	92.7	17.57	15.5	8.8	0.4	9.2	0.1
18	13.8	23.0	18.8	77.1	16.88	14.6	1.2	0.0	1.2	3.9
19	16.0	22.9	19.0	79.1	17.16	15.0	5.3	0.5	5.2	3.2
20	15.6	21.2	18.0	94.0	19.24	16.9	2.6	3.5	6.5	1.7
21	15.0	17.6	15.5	94.6	16.65	14.6	39.2	6.5	46.1	0.0
22	13.7	20.2	18.1	85.5	17.31	15.2	7.3	0.4	7.7	
23	15.4	22.5	19.0	80.4	17.70	15.5	0.8	2.0	2.8	3.9
24	15.0	22.8	18.8	81.4	17.50	15.3	2.7	0.0	2.7	3.3
25	15.8	21.0	18.4	81.7	17.28	15.1	6.2	0.0	6.2	1.7
26	15.7	21.2	18.4	87.0	18.27	16.1	1.8	17.1	18.9	2.3
27	14.4	21.6	18.5	92.4	17.34	15.3	3.7	0.1	3.8	0.0
28	14.4	21.0	17.2	87.2	16.98	14.9	9.6	0.0	9.6	1.4
29	14.8	22.5	17.9	84.9	17.78	15.5	0.0	15.0	15.0	4.5
30	15.4	20.0	17.7	89.6	18.21	16.0	0.0	0.0	0.0	1.6
31	14.6	20.5	16.5	86.3	16.30	14.3	0.0	0.0	0.0	0.5
PROM	15.1	21.6	18.3	83.8	17.47	15.3	141.4	62.8	204.2	

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.988

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

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.8	22.0	18.1	80.2	16.76	14.7	0.0	0.0	0.0	0.2
2	15.0	20.4	17.5	90.9	16.16	16.0	0.0	0.0	0.0	1.3
3	16.0	21.4	18.4	83.2	17.65	15.5	0.0	0.0	0.0	1.4
4	15.5	22.8	18.4	76.5	16.48	14.4	0.0	0.0	0.0	2.1
5	15.8	21.2	18.2	78.5	16.52	14.5	6.8	0.4	7.2	0.9
6	14.6	22.8	18.9	76.4	16.49	14.4	0.0	0.0	0.0	3.0
7	15.8	20.6	18.0	85.5	17.40	15.3	0.0	0.3	0.3	0.0
8	14.4	19.6	17.3	87.8	17.37	15.3	17.5	0.0	17.5	0.0
9	13.5	22.0	17.8	83.3	16.73	14.6	0.5	2.2	2.7	4.1
10	14.0	18.6	16.3	93.5	17.21	15.1	2.3	0.0	2.3	0.7
11	14.6	21.8	17.7	93.1	16.52	16.2	2.5	13.3	15.8	1.6
12	15.5	19.6	17.0	95.4	16.42	16.2	5.9	0.7	6.6	0.0
13	15.0	20.8	17.6	84.6	17.08	15.0	1.0	5.0	6.0	0.0
14	15.2	22.5	18.5	81.4	16.90	14.6	8.0	0.0	8.0	0.3
15	14.8	21.8	18.5	83.2	17.61	15.3	3.4	0.0	3.4	0.0
16	14.5	25.0	20.2	74.4	17.37	15.1	0.0	0.0	0.0	0.1
17	16.4	22.0	19.3	86.2	19.02	16.7	3.7	0.0	3.7	
18	15.4	19.8	17.4	89.7	17.87	15.7	3.2	0.7	3.9	
19	15.0	19.0	17.3	89.5	17.73	15.6	1.1	0.2	1.3	3.8
20	15.4	21.0	17.9	81.3	16.69	14.6	4.5	0.0	4.5	1.2
21	16.5	23.0	18.0	76.7	15.96	14.0	0.0	0.0	0.0	4.9
22	14.5	23.2	18.6	80.4	17.56	15.4	0.0	0.0	0.0	2.4
23	15.4	23.0	18.3	85.4	18.24	16.0	2.4	0.1	2.5	3.4
24	14.8	22.8	18.0	87.0	18.26	15.9	0.8	0.0	0.8	4.7
25	14.5	23.4	19.3	77.1	17.05	15.0	0.2	0.0	0.2	3.3
26	15.6	22.5	18.3	90.2	18.62	16.3	0.0	0.0	0.0	1.7
27	14.8	20.0	17.8	78.4	15.73	13.7	0.0	0.0	0.0	5.3
28	13.4	18.6	15.5	97.7	16.87	14.8	1.5	0.3	1.8	1.9
29	14.4	21.2	18.0	82.5	17.08	14.5	0.0	0.0	0.0	3.3
30	14.9	20.8	16.9	95.4	18.10	15.5	2.2	0.0	2.2	4.5
PROM.	15.0	21.4	18.0	84.5	17.38	15.2	67.5	23.2	90.7	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	21.6	18.2	83.8	17.65	15.4	17.5	5.2	22.7	2.7
2	14.6	22.0	18.7	76.5	16.11	14.0	2.1	13.0	15.1	0.0
3	14.5	21.4	18.2	82.3	17.25	15.2	2.5	1.2	3.7	2.9
4	16.0	22.4	18.2	81.5	16.85	14.8	0.2	0.0	0.2	2.9
5	15.0	22.6	18.8	84.1	18.17	15.9	0.0	0.0	0.0	4.0
6	15.7	21.8	18.3	81.5	17.00	15.0	0.0	0.0	0.0	
7	16.0	21.0	17.8	87.0	17.96	15.7	0.1	0.0	0.1	0.5
8	15.6	19.6	16.7	91.7	17.46	15.3	10.7	0.0	10.7	0.0
9	14.8	21.4	17.7	85.2	17.34	15.2	0.0	0.0	0.0	2.0
10	14.5	24.6	20.3	68.2	15.95	14.0	0.0	0.0	0.0	5.9
11	16.0	22.8	18.9	74.8	16.41	14.4	13.1	0.0	13.1	1.7
12	16.4	22.2	18.5	80.0	16.94	14.9	2.8	0.0	2.8	0.7
13	15.8	21.0	16.9	90.0	17.49	15.4	24.7	0.0	24.7	1.2
14	14.8	20.0	16.7	87.1	16.73	14.7	37.2	1.7	38.9	
15	15.0	18.8	16.6	95.1	18.01	15.8	0.0	0.9	0.9	0.0
16	14.8	19.8	16.8	92.6	17.53	15.4	0.0	0.0	0.0	0.1
17	15.0	21.0	18.3	86.9	18.48	16.2	3.0	24.7	27.7	1.7
18	15.1	23.0	19.3	79.5	17.97	15.7	0.0	1.8	1.8	0.0
19	16.4	21.8	18.5	70.2	15.00	13.0	0.1	0.0	0.1	2.7
20	15.2	23.4	18.5	83.1	17.93	15.8	0.0	2.2	2.2	3.5
21	15.5	22.6	18.1	77.8	16.48	14.3	4.7	4.9	9.6	2.1
22	15.2	22.3	17.8	87.1	17.88	15.7	1.0	0.0	1.0	1.9
23	14.5	20.6	17.0	95.4	18.26	16.0	0.0	0.0	0.0	6.8
24	16.0	20.8	18.4	85.5	18.41	16.1	19.3	0.0	19.3	4.1
25	15.5	19.5	17.1	96.3	18.63	16.4	3.7	0.0	3.7	3.6
26	14.7	22.5	18.8	86.4	18.58	16.2	0.5	1.0	1.5	4.4
27	15.8	23.4	19.0	89.8	19.36	16.9	18.9	6.3	25.2	0.5
28	14.8	21.8	18.6	79.8	17.41	15.2	1.7	0.0	1.7	0.3
29	14.0	19.8	17.1	86.7	16.89	14.7	19.4	28.5	47.9	0.8
30	13.5	22.8	18.9	77.4	16.79	14.5	8.7	0.0	8.7	3.4
31	15.0	22.3	18.8	81.3	17.30	15.2	1.0	4.7	5.7	1.7
PROM	15.2	21.6	18.1	84.1	17.43	15.3	192.9	96.1	289.0	

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.988

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

M E S – NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.2	21.2	17.5	83.3	16.67	14.6	0.0	0.0	0.0	0.3
2	15.0	19.4	17.0	83.7	16.35	14.3	0.0	0.0	0.0	0.1
3	15.1	20.5	17.5	86.6	17.65	15.8	0.0	0.0	0.0	0.6
4	14.0	22.0	17.6	84.6	17.07	15.0	0.0	0.0	0.0	3.7
5	15.2	22.4	19.0	77.2	16.92	14.8	0.0	5.0	5.0	2.9
6	15.0	20.4	18.0	86.0	16.03	15.9	0.0	5.0	5.0	2.8
7	15.7	20.3	18.1	90.1	16.80	16.8	0.0	8.0	8.0	1.5
8	15.8	22.2	18.2	87.2	16.65	16.4	0.0	0.0	0.0	3.2
9	15.2	20.8	17.7	88.6	16.15	16.0	0.0	3.0	3.0	2.8
10	14.8	19.6	17.4	87.4	17.62	15.8	0.0	10.0	10.0	
11	15.8	19.0	16.8	90.1	17.33	15.3	0.0	6.0	6.0	1.2
12	15.4	19.6	17.6	88.2	17.92	15.8	0.0	5.0	5.0	
13	14.8	20.0	18.5	88.2	16.81	16.5	0.0	5.0	5.0	
14	15.4	20.4	18.0	88.7	16.58	16.3	0.0	7.0	7.0	0.3
15	15.2	20.5	17.4	87.9	17.69	15.6	0.0	8.0	8.0	0.3
16	15.0	19.0	17.3	91.3	16.16	16.0	0.0	0.0	0.0	0.0
17	16.0	21.4	17.9	90.0	16.76	16.5	0.0	0.0	0.0	2.8
18	16.1	21.0	18.2	86.9	16.25	16.1	0.0	5.0	5.0	0.7
19	15.8	22.5	18.3	89.8	19.31	16.9	0.0	10.0	10.0	
20	16.2	20.4	17.9	93.6	19.40	17.0	0.0	5.0	5.0	1.4
21	15.7	21.5	18.0	92.1	19.29	16.9	0.0	18.0	18.0	2.0
22	15.8	21.8	17.8	90.5	18.62	16.3	0.0	14.0	14.0	
23	15.2	21.6	18.6	88.2	19.04	16.7	0.0	10.0	10.0	1.0
24	15.1	19.4	17.0	88.6	17.26	15.2	0.0	8.0	8.0	0.3
25	15.4	20.8	17.8	93.3	19.26	16.9	0.0	7.0	7.0	3.0
26	14.8	20.0	17.3	92.8	16.44	16.2	0.0	10.0	10.0	
27	14.8	21.2	18.0	86.1	17.80	15.6	0.0	0.0	0.0	3.0
28	16.0	23.0	19.9	80.0	16.36	16.1	0.0	0.0	0.0	1.4
29	16.8	21.5	17.9	88.3	16.41	16.2	0.0	15.0	15.0	2.5
30	14.6	21.6	17.8	88.8	16.58	16.3	0.0	10.0	10.0	2.0
PROM.	15.4	20.8	17.9	87.9	16.17	16.0	0.0	174.0	174.0	

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	15.5	20.0	17.5	89.7	18.07	15.9	0.0	5.0	5.0	1.2
2	15.2	20.8	17.4	87.5	17.87	15.7	0.0	0.0	0.0	2.1
3	14.2	18.7	16.2	92.8	17.18	15.1	0.0	10.0	10.0	2.1
4	14.8	19.8	17.4	86.6	17.36	15.3	0.0	0.0	0.0	2.3
5	15.4	19.6	17.3	88.1	17.46	15.3	0.0	10.0	10.0	3.3
6	14.8	21.8	18.0	86.5	17.94	15.7	0.0	6.0	6.0	1.7
7	15.0	19.6	17.0	90.0	17.55	15.4	0.0	3.0	3.0	0.3
8	15.0	21.2	17.3	88.9	17.64	15.5	0.0	4.0	4.0	4.4
9	14.8	21.8	17.6	85.5	17.43	15.3	0.0	10.0	10.0	1.3
10	14.2	21.6	17.6	85.1	17.39	15.1	0.0	5.0	5.0	3.0
11	14.6	21.4	18.0	89.2	16.69	16.4	0.0	0.0	0.0	1.8
12	15.5	21.8	18.5	86.2	16.52	16.3	0.0	0.0	0.0	4.0
13	14.8	20.8	17.1	86.7	17.14	15.0	0.0	10.0	10.0	1.4
14	14.9	20.4	16.8	86.7	16.84	14.8	0.0	0.0	0.0	0.0
15	14.0	20.8	17.5	84.5	17.34	15.2	0.0	0.0	0.0	2.2
16	14.1	23.5	17.9	74.5	15.67	13.5	0.0	5.0	5.0	5.8
17	14.0	23.4	18.1	81.2	17.16	15.1	0.0	0.0	0.0	5.5
18	14.2	20.6	16.7	88.8	17.11	15.0	0.0	0.0	0.0	
19	15.0	20.4	17.2	89.9	17.72	15.6	0.0	75.0	75.0	1.9
20	14.0	20.8	17.3	74.4	14.65	12.7	0.0	0.0	0.0	1.9
21	14.1	23.6	18.5	73.8	15.84	13.8	0.0	0.0	0.0	9.0
22	14.4	21.8	17.6	82.5	16.93	14.9	0.0	9.0	9.0	4.4
23	14.0	20.8	16.9	84.9	16.44	14.4	0.0	0.0	0.0	0.7
24	14.8	21.4	18.0	87.9	18.14	15.9	0.0	0.0	0.0	2.2
25	15.0	19.7	17.0	88.2	17.04	15.0	0.0	0.0	0.0	
26	15.8	20.6	17.2	87.7	17.59	15.5	0.0	10.0	10.0	0.5
27	14.7	22.2	18.2	79.6	16.93	14.8	0.0	0.0	0.0	3.1
28	14.4	20.6	17.9	84.6	17.59	15.4	0.0	0.0	0.0	1.2
29	14.2	20.8	16.9	87.7	17.08	15.0	0.0	0.0	0.0	1.5
30	14.8	19.8	17.1	87.9	17.48	15.4	0.0	5.0	5.0	
31	14.4	20.2	17.4	88.7	17.83	15.6	0.0	0.0	0.0	1.4
PROM	14.7	21.0	17.5	85.7	17.28	15.1	0.0	167.0	167.0	

ESTACION: LUIS BUSTAMANTE MUNICIPIO: VILLARRICA AÑO: 1.988

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	16.4	23.6	19.8	15.5	25.8	82.3	19.07	16.6	78.5	7	60.7
FEBRERO	16.8	23.5	19.9	15.4	25.8	82.7	19.17	16.7	161.9	20	
MARZO	16.7	23.9	20.3	15.4	26.4	77.9	18.54	16.2	193.2	7	
ABRIL	16.6	22.0	19.2	14.4	24.0	87.0	19.33	16.9	234.3	21	
MAYO	16.8	22.8	19.4	14.5	24.8	85.1	19.22	16.8	115.6	23	
JUNIO	16.1	21.9	18.7	14.8	24.8	85.3	18.38	16.2	154.1	10	
JULIO	15.2	21.4	18.1	13.8	24.5	83.1	17.19	15.0	124.6	21	58.9
AGOSTO	15.1	21.6	18.3	13.7	24.0	83.8	17.47	15.3	204.2	26	
SEPTIEMBRE	15.0	21.4	18.0	13.4	25.0	84.9	17.38	15.2	90.7	19	
OCTUBRE	15.2	21.6	18.1	13.5	24.6	84.1	17.43	15.3	289.0	25	
NOVIEMBRE	15.4	20.8	17.9	14.0	23.0	87.9	18.17	16.0	174.0	21	
DICIEMBRE	14.7	21.0	17.5	14.0	23.6	85.7	17.28	15.1	167.0	14	
PROMEDIO	15.8	22.1	18.8	14.4	24.7	84.0	18.22	15.9			
TOTAL									1967.1	214	

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.988

ALTITUD: 950 LATITUD: 3-43 N. LONGITUD: 75-38 W.

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.5	32.5	24.7	72.2	22.00	19.0	0.0	0.0	0.0	8.4
2	16.6	31.4	23.4	76.2	21.80	18.9	0.0	0.0	0.0	9.1
3	16.2	30.9	22.9	68.7	19.41	16.5	0.0	12.8	12.8	6.3
4	18.2	30.7	23.7	80.4	23.45	20.1	0.0	18.1	18.1	6.2
5	17.5	30.9	23.0	80.3	22.45	19.3	5.6	47.6	53.2	5.4
6	17.5	30.9	23.2	80.7	22.49	19.4	0.3	13.7	14.0	6.6
7	16.6	30.8	23.2	79.6	21.85	18.9	1.9	0.0	1.9	5.4
8	17.9	30.5	23.7	80.3	22.98	19.7	12.6	0.0	12.6	5.9
9	17.5	30.5	24.0	82.4	24.31	20.6	0.0	0.0	0.0	6.3
10	18.0	30.0	22.8	81.3	22.43	19.3	0.0	3.0	3.0	4.8
11	17.8	30.5	22.8	82.9	23.02	19.7	0.0	0.0	0.0	6.6
12	17.5	30.4	23.2	82.5	23.81	20.3	7.8	0.0	7.8	8.9
13	17.5	30.4	23.9	76.6	22.41	19.3	0.0	18.2	18.2	8.2
14	18.0	29.0	22.2	82.9	22.33	19.2	0.0	106.6	106.6	4.4
15	16.6	29.3	22.1	80.9	20.96	18.2	6.6	12.0	18.6	3.5
16	18.4	28.0	21.6	87.8	22.43	19.3	0.2	39.0	39.2	3.4
17	18.0	27.0	21.0	95.0	23.49	20.0	6.9	1.8	8.7	2.8
18	18.6	27.5	21.2	86.1	21.99	19.0	9.2	16.4	25.6	3.7
19	17.5	28.8	22.1	81.2	21.43	18.6	0.0	0.2	0.2	5.8
20	17.5	30.0	22.1	70.2	17.77	15.1	0.0	7.7	7.7	5.5
21	16.6	29.5	21.6	81.2	20.62	18.0	0.0	39.0	39.0	6.9
22	17.4	29.0	22.7	83.0	22.49	19.3	1.8	17.7	19.5	7.0
23	16.4	28.4	20.5	80.1	18.83	16.4	3.7	0.0	3.7	3.7
24	16.5	29.6	22.5	77.4	20.50	17.8	0.0	0.0	0.0	5.7
25	16.6	29.3	22.4	82.2	22.06	19.1	0.0	0.0	0.0	7.0
26	17.5	29.5	22.9	82.8	24.03	19.7	2.3	0.0	2.3	7.3
27	18.5	27.5	22.4	85.4	23.07	19.8	0.0	0.0	0.0	2.2
28	17.5	29.1	23.0	82.4	22.94	19.7	0.0	40.6	40.6	4.5
29	17.4	27.5	21.3	82.9	20.61	17.8	10.1	0.8	10.9	0.8
30	17.5	29.9	23.5	81.1	23.04	19.8	0.0	0.0	0.0	6.2
31	17.6	31.4	24.0	73.2	21.15	18.3	0.0	0.0	0.0	7.7
PROM.	17.5	29.7	22.7	80.6	21.97	18.9	69.0	395.2	464.2	176.2

M E S – FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	32.6	24.8	69.5	20.73	18.1	0.0	0.0	0.0	9.5
2	16.5	31.0	22.9	75.6	20.81	18.1	0.0	0.0	0.0	7.1
3	16.8	30.6	23.3	75.8	20.95	18.2	0.0	0.0	0.0	6.2
4	16.5	29.5	22.5	81.4	21.93	19.0	0.4	9.2	9.6	3.8
5	17.0	28.5	22.6	83.1	22.29	19.2	0.1	2.8	2.9	2.9
6	17.4	30.0	24.2	80.4	23.50	20.0	0.1	2.7	2.8	4.6
7	17.2	26.0	21.6	90.2	22.87	19.6	2.2	0.0	2.2	0.7
8	17.5	31.3	23.3	74.7	21.03	18.3	0.0	1.0	1.0	5.0
9	17.5	25.9	20.1	86.3	20.58	17.9	44.9	0.0	44.9	1.5
10	15.2	29.3	22.4	77.3	20.20	17.6	0.0	1.6	1.6	3.8
11	16.3	28.1	22.0	87.0	22.70	19.5	0.5	0.0	0.5	2.2
12	16.8	28.5	23.1	83.8	23.24	19.8	0.0	7.9	7.9	4.1
13	18.0	27.5	21.9	89.2	23.23	19.9	30.9	0.0	30.9	1.4
14	17.8	28.0	22.6	83.3	22.63	19.4	0.0	0.0	0.0	2.1
15	16.5	30.9	23.4	83.2	23.65	20.2	0.0	7.8	7.8	8.2
16	17.5	30.2	22.7	80.5	21.89	18.9	0.1	15.3	15.4	5.0
17	17.5	30.0	23.3	82.6	23.32	19.9	0.7	0.0	0.7	5.3
18	15.6	26.0	22.4	79.7	20.80	17.9	0.0	2.3	2.3	8.8
19	18.5	32.0	24.4	79.6	23.58	20.0	0.0	0.0	0.0	8.4
20	18.6	28.5	23.3	76.8	21.58	18.7	0.0	0.0	0.0	8.2
21	17.3	29.4	23.3	76.0	20.88	18.1	0.0	0.3	0.3	
22	20.0	27.3	23.2	84.8	24.07	20.5	8.5	31.5	40.0	0.4
23	18.1	30.0	22.6	81.9	22.10	19.0	1.8	0.0	1.8	2.4
24	17.5	28.4	23.7	82.3	23.34	19.8	0.0	7.4	7.4	3.5
25	18.5	26.3	23.5	87.8	24.97	21.0	4.3	42.2	46.5	2.2
26	17.7	28.3	22.9	82.4	22.69	19.5	2.8	29.5	32.3	1.6
27	18.5	25.0	21.2	90.8	23.21	19.9	2.6	3.7	6.3	0.1
28	18.0	26.2	21.7	90.9	24.10	20.4	0.0	0.7	0.7	0.0
29	17.6	28.0	22.8	88.9	24.67	20.8	0.0	4.4	4.4	3.3
PROM	17.4	28.7	22.8	82.3	22.47	19.3	99.9	170.3	270.2	

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.968

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	19.4	25.5	23.0	88.9	24.63	20.8	0.0	0.0	0.0	0.5
2	18.8	28.6	23.7	83.6	24.15	20.5	0.0	0.0	0.0	7.2
3	18.2	26.5	23.3	82.3	22.76	19.4	0.0	0.0	0.0	5.9
4	18.4	32.4	25.5	74.4	23.20	19.8	0.0	0.0	0.0	8.8
5	15.4	32.0	24.6	73.6	21.46	18.5	0.0	0.0	0.0	6.6
6	18.7	31.0	24.6	78.2	23.53	20.1	0.0	0.0	0.0	10.0
7	19.8	31.5	24.8	82.4	25.42	21.3	0.0	0.0	0.0	5.1
8	20.2	30.4	24.9	83.0	25.63	21.4	0.0	63.0	63.0	7.1
9	19.1	25.0	22.2	91.0	24.19	20.5	1.0	2.3	3.3	
10	19.2	28.0	23.9	86.8	25.32	21.2	0.0	0.0	0.0	
11	18.8	29.3	23.8	82.2	23.77	20.3	0.0	14.7	14.7	
12	18.4	30.0	23.3	82.5	23.45	20.0	0.0	1.2	1.2	
13	18.3	29.6	23.8	82.4	24.11	20.5	0.0	0.0	0.0	
14	17.8	28.0	22.9	80.1	22.05	19.0	0.7	2.0	2.7	
15	18.6	30.2	24.2	81.4	24.18	20.5	0.0	2.4	2.4	
16	19.4	25.6	21.7	92.0	24.07	20.5	0.0	0.0	0.0	
17	16.0	28.2	23.6	75.8	20.72	17.9	0.0	0.2	0.2	8.4
18	19.8	30.8	23.3	79.9	22.77	19.6	0.0	0.0	0.0	3.0
19	18.4	32.3	25.6	70.9	22.34	19.2	0.0	0.0	0.0	2.8
20	20.0	26.8	21.5	88.8	23.35	20.0	0.0	0.0	0.0	0.2
21	19.0	32.5	24.0	73.7	21.24	18.2	0.0	0.0	0.0	4.8
22	18.0	26.8	23.0	75.4	20.45	17.6	0.0	0.0	0.0	7.8
23	18.4	32.6	24.9	73.3	22.33	19.2	0.0	0.0	0.0	7.7
24	17.8	30.0	24.9	73.4	21.90	18.8	0.0	0.0	0.0	7.8
25	17.8	26.4	22.5	71.5	18.48	16.1	0.0	0.0	0.0	7.6
26	18.0	30.8	24.4	76.3	22.70	19.5	0.0	0.0	0.0	2.3
27	20.0	30.6	24.5	77.6	23.43	20.0	0.0	0.0	0.0	2.0
28	19.8	32.0	24.9	79.3	24.68	20.9	0.0	0.0	0.0	3.9
29	21.0	31.2	25.6	77.6	24.82	20.9	0.0	0.0	0.0	2.1
30	19.2	30.8	24.3	76.3	22.78	19.6	0.0	0.0	0.0	1.5
31	19.9	31.5	24.8	77.2	24.04	20.4	0.0	0.0	0.0	2.4
PROM.	18.8	29.6	23.9	79.7	23.16	19.7	1.7	85.8	87.5	

M E S – ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	19.8	30.6	24.3	76.7	23.62	20.2	0.0	0.2	0.2	1.1
2	19.0	29.8	24.0	80.4	23.51	20.1	16.9	0.1	17.0	6.1
3	19.7	32.4	23.9	79.3	23.04	19.7	0.1	0.0	0.1	7.0
4	19.8	30.2	23.6	79.1	22.54	19.3	0.0	19.1	19.1	0.6
5	20.0	30.1	23.4	84.2	24.18	20.5	1.3	0.0	1.3	2.5
6	20.1	27.6	22.4	92.3	25.29	21.3	0.0	0.0	0.0	0.0
7	18.8	28.0	21.9	87.1	23.11	19.8	8.4	1.0	9.4	0.9
8	18.4	31.2	24.3	76.9	22.92	19.7	2.5	1.7	4.2	5.5
9	19.8	29.3	22.5	82.5	22.93	19.7	15.8	0.3	16.1	2.6
10	18.8	29.1	23.5	84.5	24.12	20.5	0.2	6.5	6.7	5.2
11	19.0	25.6	21.9	88.8	23.32	20.0	1.6	0.0	1.6	0.1
12	19.6	28.8	23.6	85.8	24.67	20.9	4.6	0.0	4.6	3.0
13	18.7	25.0	21.6	91.8	23.51	20.1	1.1	0.7	1.8	0.2
14	17.8	29.4	22.8	84.1	23.03	19.7	0.1	37.2	37.3	7.3
15	18.0	27.4	23.2	87.1	24.40	20.7	0.0	0.0	0.0	0.5
16	18.8	29.5	23.9	82.4	23.99	20.4	0.0	11.0	11.0	6.4
17	17.8	30.2	24.3	82.4	24.27	20.5	0.0	102.5	102.5	6.5
18	18.0	30.8	24.0	82.6	24.19	20.5	0.0	38.3	38.3	6.6
19	17.8	30.0	23.6	82.9	23.62	20.1	0.0	19.8	19.8	3.5
20	19.8	28.0	22.6	85.6	23.50	20.1	0.5	31.4	31.9	2.2
21	18.4	26.8	22.4	89.3	24.22	20.5	1.3	4.8	6.1	1.9
22	18.4	29.0	22.6	84.3	23.00	19.7	0.8	41.5	42.3	3.4
23	17.6	30.1	23.4	81.0	22.50	19.3	0.0	30.7	30.7	5.6
24	19.0	29.9	23.3	81.3	22.66	19.4	0.0	28.0	28.0	6.4
25	18.5	31.6	24.3	79.7	23.28	19.8	0.0	4.3	4.3	8.5
26	19.8	29.3	24.2	83.6	24.68	20.8	0.0	0.0	0.0	3.5
27	19.0	29.4	23.4	82.6	23.43	20.0	0.7	0.0	0.7	2.9
28	18.0	30.0	24.0	83.8	24.42	20.6	0.7	58.0	58.7	5.6
29	20.2	30.2	24.2	82.3	24.60	20.8	0.0	0.0	0.0	2.9
30	19.0	31.0	24.2	79.5	23.58	20.1	2.4	2.9	5.3	5.7
PROM	18.9	29.3	23.4	83.5	23.67	20.2	59.0	440.0	499.0	114.2

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.988

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	19.2	30.0	23.5	81.6	23.40	20.0	0.1	5.7	5.8	4.8
2	19.6	25.3	21.0	95.8	23.73	20.2	68.9	0.0	68.9	
3	17.5	31.0	23.8	78.7	22.66	19.5	0.2	0.0	0.2	6.4
4	18.9	25.4	21.6	93.1	24.20	20.5	2.1	0.0	2.1	
5	16.4	30.8	23.9	78.1	22.11	19.0	0.0	25.8	25.8	8.5
6	19.2	30.0	23.9	82.5	23.93	20.3	1.9	0.0	1.9	6.7
7	19.6	31.0	25.2	75.0	23.36	19.9	0.0	2.6	2.6	9.2
8	19.4	30.2	24.4	83.6	24.85	20.9	0.0	0.2	0.2	3.3
9	19.8	31.5	24.1	79.0	23.40	20.0	0.0	0.0	0.0	5.3
10	20.2	30.4	24.0	80.7	24.07	20.5	0.0	0.0	0.0	4.5
11	18.8	30.5	23.8	77.6	22.58	19.4	0.0	0.0	0.0	1.4
12	18.8	29.4	22.5	79.7	21.56	18.7	0.0	0.0	0.0	2.4
13	17.2	28.8	23.6	75.9	21.85	18.8	0.0	6.4	6.4	2.3
14	19.0	30.8	24.3	77.2	22.52	19.4	0.0	12.5	12.5	4.9
15	19.6	28.0	23.1	85.7	23.71	20.1	3.5	0.0	3.5	1.7
16	18.0	32.0	24.3	78.6	23.47	20.0	0.0	0.0	0.0	7.5
17	19.6	32.4	24.0	80.7	23.76	20.2	1.0	1.4	2.4	8.2
18	18.0	29.6	23.7	81.5	23.16	19.8	0.0	0.9	0.9	2.5
19	19.6	29.8	24.8	79.3	24.16	20.5	0.0	0.0	0.0	5.4
20	18.0	29.0	23.4	83.8	23.38	19.9	9.1	0.0	9.1	3.4
21	19.8	28.8	23.4	81.7	23.36	20.0	1.1	0.0	1.1	3.6
22	19.0	31.4	24.3	80.2	23.72	20.2	0.0	0.0	0.0	3.3
23	18.7	28.8	22.8	81.4	22.66	19.5	0.0	0.0	0.0	1.8
24	17.0	33.2	24.4	75.1	21.96	18.9	0.0	0.0	0.0	6.7
25	20.4	32.0	24.9	76.2	23.47	20.1	0.0	0.0	0.0	6.3
26	20.0	30.0	24.5	77.0	22.56	19.1	2.5	21.4	23.9	1.1
27	19.4	29.4	22.5	86.6	23.40	20.0	10.3	0.0	10.3	2.1
28	18.4	27.4	23.4	86.1	24.32	20.6	0.0	0.3	0.3	4.6
29	19.4	30.4	24.7	77.6	23.40	20.0	0.0	9.0	9.0	6.9
30	19.3	29.2	23.9	83.2	24.27	20.6	0.0	0.0	0.0	8.5
31	18.4	29.8	23.5	82.0	23.67	20.2	0.0	21.1	21.1	7.2
PROM.	18.9	29.9	23.7	81.1	23.31	19.9	100.7	107.3	208.0	

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	18.8	26.9	22.5	84.9	22.80	19.6	0.0	0.0	0.0	8.2
2	18.2	29.5	21.7	81.7	20.85	18.1	18.1	0.3	18.4	5.6
3	17.5	29.0	22.6	83.1	22.30	19.1	5.6	0.0	5.6	
4	16.4	30.0	22.4	80.9	21.61	18.7	1.1	8.1	9.2	2.2
5	17.8	30.1	23.2	79.4	21.86	18.8	0.0	0.0	0.0	5.9
6	17.9	31.4	23.8	78.4	22.70	19.5	0.0	0.0	0.0	8.0
7	17.0	31.2	23.5	77.9	22.11	19.1	0.0	0.0	0.0	9.4
8	19.0	31.9	24.9	78.6	24.32	20.6	0.0	0.0	0.0	6.0
9	19.8	29.5	22.6	82.3	22.46	19.3	0.6	0.8	1.4	1.9
10	19.0	28.2	23.2	81.5	22.86	19.6	0.2	0.3	0.5	0.9
11	18.8	28.8	23.3	80.0	22.27	19.1	0.1	0.0	0.1	3.8
12	17.8	29.8	22.5	82.2	21.99	19.0	0.0	0.0	0.0	3.2
13	17.8	28.8	22.3	84.3	22.47	19.3	4.2	6.1	10.3	4.5
14	19.4	25.8	20.4	88.1	21.74	18.8	1.4	0.0	1.4	0.7
15	15.4	29.6	22.4	77.6	20.17	17.6	0.0	0.0	0.0	9.3
16	18.0	29.0	22.9	87.0	23.91	20.3	0.0	30.0	30.0	5.5
17	17.8	27.0	22.3	83.1	21.63	18.6	0.0	7.3	7.3	5.3
18	18.7	26.9	20.9	87.0	21.57	18.7	25.0	39.1	64.1	1.4
19	16.6	29.3	20.6	89.6	21.94	18.9	6.0	0.2	6.2	4.8
20	16.0	28.2	22.3	84.1	22.27	19.1	0.0	0.0	0.0	9.7
21	19.4	31.5	24.7	83.0	25.81	21.6	0.0	30.6	30.6	7.5
22	19.0	30.0	24.4	81.6	24.42	20.7	0.1	19.0	19.1	7.7
23	17.7	29.8	24.2	80.5	23.51	19.9	0.0	0.4	0.4	6.5
24	19.2	27.0	23.2	84.8	23.76	20.2	0.2	54.7	54.9	4.9
25	16.9	24.8	21.2	85.2	20.91	18.1	3.7	0.0	3.7	2.8
26	17.8	29.6	23.5	81.5	23.06	19.7	0.0	0.1	0.1	6.0
27	18.0	29.4	23.3	79.9	22.06	19.0	0.2	0.0	0.2	6.8
28	17.6	27.5	22.3	88.9	23.50	20.0	0.2	1.6	1.8	4.4
29	17.2	30.0	23.2	77.7	21.92	19.0	1.4	0.0	1.4	6.6
30	18.9	30.2	23.9	77.0	22.49	19.3	0.0	0.4	0.4	5.4
PROM	18.0	29.0	22.8	82.4	22.51	19.3	68.1	199.0	267.1	

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.988

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	18.4	30.1	24.2	80.0	23.59	20.1	0.0	6.3	6.3	6.3
2	18.8	29.5	22.7	82.2	22.26	19.2	7.3	77.5	84.8	6.5
3	17.5	29.0	21.9	83.4	21.94	19.0	0.1	8.7	8.8	2.4
4	18.5	26.4	20.9	86.1	21.49	18.6	5.2	4.0	9.2	0.0
5	17.3	26.8	21.0	84.6	20.98	18.2	0.0	41.9	41.9	3.3
6	17.6	28.2	22.1	82.2	21.47	18.6	1.4	13.8	15.2	8.5
7	18.0	28.5	22.4	85.4	22.76	19.5	1.2	5.8	7.0	5.6
8	18.4	28.8	21.7	86.5	22.68	19.5	7.7	0.0	7.7	2.1
9	18.2	28.5	22.7	83.2	22.58	19.4	0.0	0.0	0.0	0.9
10	18.4	28.0	21.8	82.4	21.85	18.9	0.1	0.0	0.1	2.7
11	18.6	29.0	23.8	81.9	23.75	20.2	0.2	0.1	0.3	2.9
12	18.7	28.0	23.4	81.1	22.89	19.7	0.0	0.0	0.0	0.9
13	18.0	28.3	21.3	78.3	19.80	17.3	0.0	0.0	0.0	4.3
14	17.5	32.5	23.6	71.7	20.07	17.5	0.0	0.0	0.0	8.5
15	18.5	31.8	24.4	71.7	21.75	18.8	0.0	0.0	0.0	8.2
16	17.0	32.6	24.9	66.6	21.06	18.3	0.0	0.1	0.1	7.5
17	19.0	31.4	24.1	71.5	21.24	18.5	0.0	0.2	0.2	4.1
18	19.5	29.6	23.2	72.2	20.60	17.9	0.0	0.0	0.0	4.8
19	18.6	29.4	23.8	74.5	22.17	19.1	0.0	0.0	0.0	0.1
20	19.0	30.6	23.9	72.9	21.49	18.6	0.0	0.0	0.0	
21	19.6	29.4	23.5	77.9	22.25	19.1	0.0	0.0	0.0	
22	18.8	27.6	23.0	79.8	22.45	19.3	0.0	0.3	0.3	0.6
23	19.0	30.3	24.0	73.9	22.10	19.1	0.0	0.0	0.0	1.0
24	19.9	32.4	25.0	68.7	21.83	18.8	0.0	6.8	6.8	5.8
25	19.0	31.0	22.3	81.9	22.03	19.1	9.7	6.2	15.9	3.9
26	18.8	29.2	22.5	80.1	21.54	18.7	0.6	0.0	0.6	4.4
27	16.3	30.5	22.6	77.5	21.37	18.5	0.0	0.0	0.0	6.5
28	17.0	32.0	22.8	74.2	20.64	18.0	0.0	0.0	0.0	7.5
29	18.4	31.8	24.6	70.1	21.30	18.5	0.0	0.0	0.0	7.7
30	18.0	31.0	24.3	75.6	22.94	19.7	0.0	1.1	1.1	4.9
31	18.2	31.2	23.1	79.1	22.21	19.1	0.0	46.6	46.6	5.0
PROM.	18.3	29.8	23.1	78.0	21.84	18.9	33.5	219.4	252.9	

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	18.0	31.0	22.8	81.4	22.58	19.5	9.5	0.0	9.5	8.7
2	18.5	28.5	21.3	88.2	22.46	19.3	0.0	0.0	0.0	6.1
3	19.4	31.2	22.8	81.1	22.70	19.5	3.8	0.3	4.1	
4	19.5	31.6	22.4	76.8	20.93	18.2	5.2	6.6	11.8	
5	18.5	32.1	23.4	70.9	20.14	17.6	0.0	0.2	0.2	
6	19.5	31.6	24.1	75.4	22.47	19.3	0.0	0.0	0.0	5.7
7	18.8	31.2	23.5	73.8	21.73	18.8	0.0	0.0	0.0	0.5
8	19.7	29.8	24.2	76.5	22.37	19.2	0.0	8.1	8.1	3.8
9	20.0	30.4	22.9	82.2	23.13	19.8	0.0	0.2	0.2	3.1
10	19.3	30.6	23.7	75.3	21.63	18.7	0.0	0.0	0.0	
11	17.8	29.0	23.2	76.8	21.56	18.7	0.0	9.9	9.9	
12	16.8	28.4	22.4	79.5	21.11	18.4	0.0	15.7	15.7	3.3
13	17.4	28.8	23.1	77.1	21.42	18.6	11.5	0.0	11.5	
14	17.8	27.5	22.0	79.6	21.12	18.4	0.0	0.0	0.0	
15	18.5	29.6	23.0	76.7	21.01	18.2	0.0	29.8	29.8	4.3
16	18.2	30.5	22.3	77.5	20.26	17.6	0.0	5.2	5.2	
17	18.2	27.8	22.1	83.6	22.42	19.3	0.0	0.0	0.0	3.5
18	16.4	32.5	23.2	74.2	20.78	18.1	0.0	1.9	1.9	8.0
19	19.4	31.0	24.0	80.9	23.72	20.2	29.7	46.8	76.5	5.4
20	18.8	28.4	22.9	81.9	22.87	19.6	0.0	44.9	44.9	6.4
21	18.0	27.8	21.9	84.8	22.19	19.1	1.8	9.4	11.2	2.1
22	19.0	27.0	20.9	91.7	22.75	19.6	3.0	0.0	3.0	
23	17.2	31.8	23.9	74.5	21.53	18.7	0.0	0.0	0.0	8.7
24	19.6	31.6	23.8	75.6	21.78	18.9	0.0	0.2	0.2	9.0
25	19.0	31.0	24.0	78.5	23.11	19.8	0.0	0.1	0.1	8.0
26	19.7	30.5	23.7	82.4	24.04	20.5	24.8	23.2	48.0	4.5
27	18.8	27.5	22.0	86.7	22.93	19.7	1.8	0.2	2.0	2.2
28	19.4	31.4	23.1	74.1	20.79	18.1	0.0	0.0	0.0	2.4
29	18.0	31.5	22.8	78.2	21.37	18.5	0.0	50.6	50.6	6.7
30	18.4	30.0	23.2	81.3	22.61	19.4	3.4	96.4	99.8	5.6
31	18.0	22.5	19.6	93.8	21.66	18.8	4.3	0.0	4.3	6.5
PROM	18.6	29.8	22.8	79.7	21.97	19.0	98.8	349.7	448.5	

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.988

ALTITUD: 990 LATITUD: 3-43 N. LONGITUD: 75-38 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	18.0	31.4	22.6	79.1	21.82	18.9	1.1	1.6	2.7	0.7
2	18.8	28.8	22.7	83.9	23.22	19.9	0.0	0.0	0.0	0.8
3	17.8	32.0	24.7	75.0	22.89	19.6	0.0	0.0	0.0	8.3
4	18.6	31.2	24.7	74.9	22.91	19.6	0.0	0.0	0.0	5.9
5	18.4	31.0	23.9	78.1	22.78	19.6	0.0	0.0	0.0	4.7
6	19.4	32.6	24.9	74.3	23.17	19.8	0.0	0.0	0.0	8.6
7	18.7	31.4	23.1	77.8	21.83	18.9	0.0	0.0	0.0	3.9
8	17.3	27.6	21.6	84.2	21.88	18.9	4.4	0.9	5.3	2.3
9	18.5	29.8	22.7	83.8	23.31	20.0	3.7	0.0	3.7	3.3
10	18.0	25.0	19.7	88.8	20.60	18.0	0.0	0.0	0.0	6.6
11	17.4	30.4	23.8	75.6	22.21	19.1	0.0	0.0	0.0	9.6
12	19.4	26.8	21.5	87.3	22.74	19.6	0.2	6.9	7.1	4.6
13	18.6	29.7	23.1	80.6	22.63	19.5	0.0	13.9	13.9	2.8
14	19.0	29.2	22.5	83.0	22.77	19.6	0.7	0.0	0.7	2.5
15	18.3	30.8	22.7	79.7	22.43	19.3	0.0	0.0	0.0	3.1
16	18.0	33.5	24.6	71.2	21.98	19.0	0.0	0.0	0.0	4.0
17	18.8	31.5	23.0	77.4	22.01	19.0	0.0	0.0	0.0	5.4
18	18.6	29.5	23.8	76.5	23.27	19.9	0.0	1.7	1.7	6.5
19	19.4	29.9	23.3	80.1	22.64	19.4	0.0	0.0	0.0	8.4
20	19.7	32.2	23.7	78.8	23.07	19.8	0.6	1.5	2.1	6.4
21	18.9	29.3	22.8	83.4	23.11	19.8	0.0	0.0	0.0	0.4
22	17.9	30.5	22.9	80.6	22.51	19.4	0.0	12.0	12.0	5.8
23	19.0	30.4	23.5	81.5	23.44	20.0	1.9	1.1	3.0	6.7
24	18.8	32.0	24.3	79.7	24.10	20.5	0.0	12.5	12.5	5.6
25	18.3	32.5	24.6	78.5	23.80	20.2	10.8	0.0	10.8	8.9
26	19.7	28.2	23.6	83.3	24.02	20.4	0.0	0.0	0.0	7.8
27	15.5	32.0	23.5	70.6	20.03	17.5	0.0	12.3	12.3	3.4
28	18.4	31.8	23.6	70.4	20.52	17.9	0.0	0.0	0.0	3.2
29	17.8	31.4	24.4	74.4	23.02	19.8	0.0	0.0	0.0	1.2
30	19.0	32.5	25.3	77.6	25.29	21.2	0.0	1.9	1.9	3.4
PROM.	18.5	30.5	23.4	79.0	22.67	19.5	23.4	66.3	89.7	144.8

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	19.8	28.9	22.4	79.2	21.44	18.6	0.2	0.0	0.2	
2	19.4	29.0	23.1	81.4	22.87	19.6	0.1	0.0	0.1	
3	19.6	28.8	22.7	83.6	23.12	19.8	0.0	0.0	0.0	
4	19.2	30.8	23.6	81.4	23.64	20.2	0.0	3.1	3.1	
5	18.8	33.4	23.9	71.3	21.03	18.3	0.9	69.1	70.0	
6	18.4	31.8	23.1	76.6	21.52	18.7	29.6	0.0	29.6	
7	20.2	31.0	23.6	76.8	22.34	19.2	8.0	0.0	8.0	
8	18.6	29.6	24.1	77.4	23.07	19.8	1.2	14.5	15.7	
9	19.8	29.5	23.6	78.4	23.61	20.1	0.9	0.0	0.9	
10	18.0	30.6	23.9	68.5	20.22	17.6	0.0	0.0	0.0	
11	18.6	32.0	25.1	71.8	22.71	19.5	0.4	0.0	0.4	
12	20.4	31.4	24.5	78.3	23.79	20.2	1.3	4.0	5.3	
13	19.0	29.4	23.4	82.6	23.60	20.2	0.0	5.3	5.3	
14	19.7	25.0	20.9	92.7	23.25	19.9	0.0	31.8	31.8	
15	19.8	24.4	20.9	92.1	23.37	20.0	0.0	0.0	0.0	
16	19.0	28.2	22.5	80.0	22.21	19.2	0.0	4.9	4.9	
17	18.0	25.5	22.0	85.8	23.42	20.0	0.0	0.0	0.0	
18	19.4	27.5	22.2	86.2	23.26	19.9	0.0	14.5	14.5	
19	19.2	30.2	22.8	81.4	22.75	19.6	0.0	50.5	50.5	
20	19.4	29.8	23.2	79.3	23.03	19.7	0.0	0.0	0.0	
21	19.6	29.3	23.3	83.0	23.71	20.2	0.8	13.4	14.2	
22	18.6	28.6	21.8	83.5	22.29	19.2	0.2	0.0	0.2	
23	16.5	31.5	23.5	75.3	22.11	19.1	0.0	3.2	3.2	
24	18.5	31.6	24.0	80.1	23.59	20.1	0.4	0.0	0.4	
25	18.3	30.0	22.7	81.7	22.60	19.4	4.7	91.7	96.4	
26	19.0	30.2	23.7	81.1	23.66	20.2	1.2	11.5	12.7	
27	19.4	29.8	23.3	81.3	23.00	19.7	0.1	2.3	2.4	
28	18.4	26.6	21.7	83.2	21.56	18.7	3.6	22.8	26.4	
29	17.8	29.6	23.1	80.8	23.22	19.9	0.9	1.0	1.9	
30	19.8	30.4	24.2	80.6	24.53	20.8	0.0	27.2	27.2	
31	18.6	28.8	23.5	79.5	22.46	19.3	0.0	19.8	19.8	
PROM	19.0	29.5	23.1	80.5	22.81	19.6	54.5	390.6	445.1	

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.988

ALTITUD: 990 LATITUD: 3-43 N. LONGITUD: 75-38 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	18.8	28.0	22.6	82.8	22.54	19.4	3.7	73.4	77.1	
2	19.8	29.4	23.0	82.8	23.22	19.9	13.5	0.0	13.5	
3	19.0	29.8	22.5	81.3	22.11	19.1	0.0	0.0	0.0	
4	18.5	31.5	24.3	80.9	24.84	20.9	2.4	0.3	2.7	
5	18.8	32.2	24.1	77.7	23.29	19.9	0.0	22.9	22.9	
6	19.4	29.5	22.8	78.3	21.44	18.6	0.1	5.2	5.3	
7	18.0	25.8	21.7	83.1	21.52	18.7	0.0	9.3	9.3	
8	19.4	27.8	21.4	85.0	22.26	19.2	0.1	9.7	9.8	
9	18.4	28.3	21.8	83.7	22.29	19.2	0.0	3.1	3.1	
10	19.3	30.2	22.8	82.2	22.94	19.7	0.2	20.2	20.4	
11	19.4	29.2	22.8	81.0	22.64	19.5	0.5	0.0	0.5	
12	19.0	27.4	22.3	83.7	22.94	19.7	0.0	57.0	57.0	2.2
13	19.6	29.6	22.6	82.8	23.31	20.0	0.6	1.7	2.3	6.4
14	18.7	28.2	22.2	84.0	23.09	19.8	0.5	124.5	125.0	
15							1.5	0.6	2.1	
16							0.3	0.0	0.3	
17							0.0	2.1	2.1	
18							0.1	11.2	11.3	
19							0.0	0.0	0.0	
20							0.0	0.0	0.0	
21	19.0	27.2	22.1	82.4	22.07	19.0	0.0	0.0	0.0	
22	19.8	26.6	21.4	85.4	22.15	19.1	0.0	0.0	0.0	3.2
23	18.8	28.4	22.6	82.7	22.69	19.5	0.3	0.0	0.3	4.4
24	18.6	27.8	21.4	87.2	22.34	19.3	1.7	1.2	2.9	0.9
25	18.5	29.0	23.8	82.7	24.84	21.0	16.9	5.3	22.2	2.3
26	19.3	29.2	23.5	82.4	23.87	20.3	0.0	0.0	0.0	1.8
27	20.0	29.0	22.8	81.4	22.96	19.7	0.0	5.1	5.1	2.8
28	19.6	29.7	23.1	84.8	24.32	20.6	12.0	0.0	12.0	4.3
29	19.5	28.0	22.3	84.7	22.77	19.5	0.0	5.1	5.1	0.8
30	19.4	28.4	22.6	83.4	22.67	19.5	8.4	0.0	8.4	2.6
PROM.							62.8	357.9	420.7	

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	19.0	27.0	21.1	84.6	21.24	18.4	0.5	0.0	0.5	1.6
2	18.4	27.5	21.9	83.5	22.03	19.0	0.0	26.6	26.6	0.1
3	18.6	25.0	21.0	87.0	21.61	18.7	0.0	26.0	26.0	5.4
4	18.0	27.5	21.9	83.2	21.79	18.8	12.0	0.0	12.0	6.1
5	18.4	27.8	22.0	84.7	22.43	19.3	0.0	4.4	4.4	2.3
6	19.0	24.9	21.6	94.3	24.38	20.7	0.3	46.3	46.6	2.3
7	18.8	28.0	21.8	85.5	22.43	19.3	0.0	0.3	0.3	2.9
8	19.6	28.6	22.8	84.6	23.54	20.1	9.5	0.1	9.6	3.9
9	19.0	28.0	22.4	87.3	24.05	20.4	0.0	25.3	25.3	1.7
10	18.8	30.0	23.8	82.0	23.95	20.4	0.0	4.0	4.0	7.4
11	19.0	30.4	23.5	78.4	23.24	19.9	0.0	7.5	7.5	6.6
12	19.5	30.8	24.1	76.3	23.10	19.8	0.0	23.7	23.7	8.1
13	19.2	26.2	22.1	88.0	23.75	20.3	6.4	16.8	23.2	0.8
14	19.4	27.4	22.7	83.7	22.92	19.6	0.0	0.0	0.0	1.1
15	19.6	30.0	23.6	83.3	24.19	20.5	0.0	0.7	0.7	6.3
16	19.4	29.8	22.6	83.1	23.17	19.9	0.0	1.3	1.3	6.9
17	18.8	28.8	23.5	81.5	23.72	20.2	0.4	0.9	1.3	4.9
18	19.8	27.0	22.7	83.0	23.03	19.7	6.0	0.0	6.0	0.4
19	19.7	28.0	21.9	85.0	22.81	19.6	0.0	0.0	0.0	4.1
20	18.4	26.5	21.6	81.9	21.18	18.4	0.0	0.0	0.0	7.9
21	16.0	30.8	23.6	73.5	21.42	18.6	0.0	0.0	0.0	9.4
22	16.8	29.8	23.6	76.7	22.44	19.3	0.0	6.0	6.0	8.0
23	17.8	28.6	22.4	85.0	23.03	19.7	0.1	4.5	4.6	4.7
24	16.6	29.8	23.6	81.9	23.53	20.1	5.5	26.1	31.6	4.9
25	19.3	26.6	21.5	85.6	22.10	19.1	0.7	1.1	1.8	1.5
26	19.6	28.5	21.3	85.8	22.12	19.1	0.8	0.6	1.4	3.0
27	19.0	29.2	23.3	77.7	22.70	19.5	0.0	15.6	15.6	6.8
28	18.8	28.0	22.1	86.0	23.16	19.8	2.4	26.1	28.5	1.6
29	19.4	27.0	22.6	84.1	22.83	19.6	3.7	70.5	74.2	2.4
30	19.0	28.8	22.8	84.0	23.20	19.9	0.0	28.3	28.3	5.0
31	19.3	28.6	22.8	83.8	23.27	19.9	0.3	30.1	30.4	6.2
PROM	18.8	28.2	22.5	83.4	22.85	19.6	48.6	392.8	441.4	134.3

ESTACION: EL LIMON MUNICIPIO: CHAPARRAL AÑO: 1.988

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.5	29.7	22.7	16.2	32.5	80.6	21.97	18.9	464.2	22	176.2
FEBRERO	17.4	28.7	22.8	15.2	32.6	82.3	22.47	19.3	270.2	23	
MARZO	18.8	29.6	23.9	15.4	32.6	79.7	23.16	19.7	87.5	7	
ABRIL	18.9	29.3	23.4	17.6	32.4	83.5	23.67	20.2	499.0	26	114.2
MAYO	18.9	29.9	23.7	16.4	33.2	81.1	23.31	19.9	208.0	20	
JUNIO	18.0	29.0	22.8	15.4	31.9	82.4	22.51	19.3	267.1	22	
JULIO	18.3	29.8	23.1	16.3	32.6	78.0	21.84	18.9	252.9	18	
AGOSTO	18.6	29.8	22.8	16.4	32.5	79.7	21.97	19.0	448.5	23	
SEPTIEMBRE	18.5	30.5	23.4	15.5	33.5	79.0	22.67	19.5	89.7	14	144.8
OCTUBRE	19.0	29.5	23.1	16.5	33.4	80.5	22.81	19.6	445.1	26	
NOVIEMBRE									420.7	24	
DICIEMBRE	18.8	28.2	22.5	16.0	30.8	83.4	22.85	19.6	441.4	27	134.3
PROMEDIO											
TOTAL									3894.3	252	

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.988

ALTITUD: 1.500 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	24.4	20.8	76.4	18.43	16.2	0.0	0.0	0.0	8.4
2	16.6	24.2	20.5	81.5	19.30	16.9	0.0	4.1	4.1	2.5
3	15.8	24.6	20.2	79.1	18.22	16.0	0.0	1.2	1.2	5.5
4	16.9	24.4	20.2	82.6	19.48	17.1	0.0	0.0	0.0	3.7
5	16.0	25.2	20.7	77.8	18.57	16.3	0.0	0.0	0.0	5.2
6	17.4	24.2	20.6	79.4	18.91	16.9	0.0	0.7	0.7	3.5
7	17.3	24.4	20.4	80.6	19.05	16.6	0.0	0.0	0.0	4.2
8	16.8	27.0	21.0	80.1	19.53	17.1	1.4	0.1	1.5	5.6
9	17.1	24.2	20.7	82.3	19.96	17.9	0.0	0.0	0.0	2.7
10	17.0	25.4	20.9	78.6	19.05	16.7	0.0	0.0	0.0	4.1
11	16.9	24.6	19.8	78.4	17.97	15.7	0.0	0.0	0.0	4.3
12	15.2	26.1	20.0	77.2	17.80	15.7	0.0	0.0	0.0	5.6
13	15.4	24.2	19.7	78.3	17.73	15.5	0.0	0.0	0.0	1.0
14	16.1	23.2	19.6	80.3	18.11	16.0	0.0	0.0	0.0	2.7
15	16.5	22.3	18.2	91.5	19.25	16.9	10.0	0.0	10.0	1.9
16	14.9	23.0	19.1	79.8	17.52	15.4	2.2	2.4	4.6	2.8
17	16.3	23.4	18.8	83.2	17.95	15.7	4.5	0.0	4.5	3.2
18	15.5	23.0	19.0	78.7	16.92	14.8	0.0	0.0	0.0	0.6
19	14.3	25.2	19.9	77.2	17.25	15.1	1.5	0.1	1.6	4.8
20	17.0	24.0	19.3	83.5	18.63	16.4	0.0	3.1	3.1	3.7
21	15.7	24.3	19.7	76.6	17.07	15.0	0.0	0.0	0.0	7.6
22	15.2	25.0	19.9	76.3	17.29	15.2	0.0	0.0	0.0	6.3
23	15.4	27.2	20.2	77.1	17.58	15.4	0.0	0.0	0.0	5.5
24	17.0	24.0	19.8	79.9	18.26	16.0	0.0	0.0	0.0	4.7
25	15.9	26.4	20.7	76.5	18.39	16.2	0.0	0.0	0.0	3.7
26	15.4	28.4	20.7	76.0	17.98	15.8	0.0	0.0	0.0	5.9
27	15.2	28.5	21.2	72.0	17.14	14.9	0.0	0.0	0.0	5.9
28	16.0	27.3	20.6	75.9	17.91	15.7	0.0	0.0	0.0	6.7
29	16.2	22.2	19.3	83.1	18.54	16.3	0.0	0.0	0.0	0.1
30	16.0	23.4	19.4	81.2	17.97	15.8	0.0	0.0	0.0	4.1
31	15.0	24.0	19.8	82.8	18.67	16.4	0.0	0.0	0.0	5.9
PROM.	16.1	24.8	20.0	79.5	18.27	16.0	19.6	11.7	31.3	132.4

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	15.8	25.4	20.7	77.4	18.60	16.3	0.0	0.0	0.0	6.2
2	16.4	22.8	19.3	80.6	17.90	15.7	0.0	0.0	0.0	0.4
3	15.4	25.6	20.4	75.1	17.23	15.0	0.0	0.4	0.4	6.3
4	17.0	23.0	19.3	83.5	18.50	16.3	1.4	0.0	1.4	1.3
5	15.0	24.4	19.2	81.6	17.88	15.7	1.5	0.0	1.5	2.7
6	16.0	22.9	19.6	81.3	18.21	16.0	0.0	0.0	0.0	1.1
7	16.2	26.0	20.7	78.7	18.71	16.4	0.0	0.0	0.0	3.7
8	17.0	26.2	21.1	80.3	19.68	17.2	0.6	7.9	8.5	5.5
9	16.8	20.2	18.5	88.5	18.77	16.5	3.1	0.0	3.1	0.0
10	14.0	23.2	19.2	83.0	18.11	15.9	0.0	12.4	12.4	3.5
11	15.0	22.8	18.8	80.2	17.11	15.0	0.1	0.0	0.1	0.4
12	15.2	23.0	19.1	81.7	17.76	15.7	0.0	0.4	0.4	4.6
13	16.4	23.4	19.4	82.3	18.43	16.2	1.2	0.0	1.2	2.3
14	17.0	24.6	20.2	84.0	19.59	17.1	0.0	0.0	0.0	4.9
15	17.0	26.4	21.4	74.2	18.64	16.3	0.0	0.0	0.0	4.0
16	17.0	24.5	20.7	76.4	18.24	16.0	0.0	0.0	0.0	6.5
17	16.4	25.6	20.8	77.7	18.81	16.5	0.0	0.0	0.0	4.3
18	16.8	25.0	21.1	73.6	17.78	15.5	0.0	0.0	0.0	7.0
19	15.4	25.4	20.6	77.5	18.41	16.2	0.0	0.0	0.0	6.4
20	14.7	26.2	20.4	76.7	17.72	15.6	0.0	0.0	0.0	5.7
21	14.8	27.4	20.6	74.7	17.40	15.2	0.0	0.0	0.0	8.1
22	16.7	25.8	20.9	72.8	17.51	15.3	0.0	0.0	0.0	2.5
23	18.0	29.0	21.7	76.2	19.07	16.6	11.2	0.9	12.1	3.8
24	17.0	24.0	19.9	75.5	17.51	15.4	2.3	0.0	2.3	3.2
25	15.9	24.0	19.3	85.0	18.84	16.9	5.4	5.9	11.3	1.2
26	16.2	23.0	18.9	78.3	17.17	15.1	1.8	5.3	7.1	1.2
27	15.8	20.2	17.7	87.9	17.70	15.6	3.1	0.0	3.1	0.0
28	14.2	25.2	19.3	78.0	16.84	14.8	0.5	0.0	0.5	5.4
29	13.0	25.0	19.1	76.4	16.19	14.2	0.0	0.0	0.0	7.8
PROM	15.9	24.5	19.9	79.3	18.08	15.9	32.2	33.2	65.4	107.0

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.988

ALTITUD: 1.500 LATITUD: 4-46 N. LONGITUD: 76-13 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	14.7	24.4	19.1	78.8	17.23	15.2	0.0	0.0	0.0	4.7
2	15.2	25.8	20.5	74.7	17.43	15.3	0.0	0.0	0.0	6.1
3	16.2	25.5	20.6	73.5	17.24	15.1	0.0	0.0	0.0	6.8
4	15.7	25.0	19.7	76.3	17.05	14.9	0.0	0.0	0.0	8.0
5	16.0	24.6	20.3	74.1	17.13	15.0	0.0	0.0	0.0	6.8
6	15.2	25.0	20.1	74.7	16.90	14.8	0.0	0.0	0.0	5.2
7	16.0	25.3	19.9	76.3	17.48	15.3	0.0	0.0	0.0	5.8
8	17.0	23.2	19.7	81.5	18.64	16.4	1.0	0.9	1.9	2.0
9	16.5	19.0	17.4	94.9	18.97	16.7	11.6	1.9	13.5	0.0
10	14.3	24.5	19.3	75.0	16.02	14.0	0.0	0.0	0.0	7.8
11	13.5	26.2	19.9	69.3	15.16	13.2	0.0	0.0	0.0	8.1
12	14.8	24.3	19.5	76.0	16.64	14.6	0.0	0.0	0.0	6.0
13	13.7	24.4	19.3	74.2	15.75	13.7	0.0	0.0	0.0	8.7
14	14.0	25.8	20.2	72.9	16.47	14.5	0.0	0.0	0.0	8.4
15	14.1	24.4	19.7	75.2	16.47	14.4	0.0	0.0	0.0	8.9
16	15.0	23.7	19.0	79.1	16.95	14.9	0.0	0.0	0.0	1.8
17	15.5	24.0	19.3	83.3	18.26	16.0	0.0	0.0	0.0	5.4
18	14.9	25.2	20.1	79.0	18.11	15.9	0.0	0.0	0.0	7.3
19	15.0	25.6	19.7	82.9	18.64	16.4	0.0	0.0	0.0	7.4
20	15.3	27.0	19.8	81.1	18.22	16.0	0.0	0.0	0.0	7.9
21	13.6	30.0	20.7	75.2	17.19	14.8	0.0	0.0	0.0	7.9
22	16.7	26.5	20.6	76.7	18.20	16.0	0.0	0.0	0.0	6.9
23	16.8	25.3	20.3	77.6	18.13	15.9	0.0	0.0	0.0	5.1
24	16.6	26.0	20.7	77.0	18.30	16.0	0.0	0.0	0.0	6.3
25	16.4	28.2	21.0	77.0	18.76	16.5	0.0	0.0	0.0	6.7
26	14.6	26.0	19.8	79.9	18.00	15.8	0.0	0.0	0.0	4.8
27	17.0	26.3	20.6	81.8	19.62	17.2	0.0	0.0	0.0	4.0
28	16.8	25.3	20.6	79.8	19.10	16.7	0.3	0.0	0.3	4.3
29	17.0	23.2	19.7	83.7	19.24	16.9	0.0	0.2	0.2	0.0
30	16.4	24.2	19.4	83.2	18.60	16.3	2.6	2.4	5.0	3.9
31	16.2	26.4	20.2	83.5	19.60	17.2	0.0	1.1	1.1	6.8
PROM.	15.5	25.2	19.9	78.3	17.73	15.5	15.5	6.5	22.0	179.8

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	27.0	19.7	85.9	19.66	17.2	0.0	1.6	1.6	3.7
2	16.6	18.8	17.8	95.2	19.58	17.1	37.4	0.0	37.4	0.0
3	14.7	24.2	19.8	75.7	16.81	14.8	0.0	0.0	0.0	3.5
4	16.3	25.8	21.0	75.8	18.40	16.1	0.0	0.0	0.0	2.6
5	17.3	26.0	21.2	79.3	19.67	17.2	0.0	19.3	19.3	4.6
6	16.4	22.0	18.8	87.6	18.93	16.6	0.7	0.0	0.7	0.0
7	16.0	25.4	20.0	74.4	16.74	14.6	0.0	0.0	0.0	2.1
8	16.4	24.8	20.4	81.1	19.12	16.8	0.0	0.0	0.0	5.5
9	16.8	23.6	20.1	87.0	20.30	17.7	5.6	24.6	30.2	0.5
10	16.3	23.0	18.7	86.7	18.66	16.4	1.1	14.0	15.1	0.3
11	16.4	20.0	18.3	91.2	19.08	16.8	4.5	0.0	4.5	0.0
12	16.0	25.4	20.1	79.7	18.16	15.8	3.6	12.6	16.2	1.3
13	15.7	21.0	18.2	94.3	19.73	17.3	4.2	0.0	4.2	0.0
14	15.8	25.3	19.8	79.5	17.91	15.7	0.0	1.0	1.0	4.8
15	16.4	23.4	19.7	81.6	18.64	16.4	2.4	0.0	2.4	2.2
16	16.2	25.3	20.1	76.3	17.37	15.2	0.0	0.0	0.0	4.3
17	16.3	26.2	20.8	80.0	19.08	16.6	0.0	0.0	0.0	6.6
18	17.3	24.4	19.7	81.8	18.71	16.4	0.0	0.0	0.0	2.3
19	16.4	24.8	20.3	78.2	18.11	15.9	0.9	0.0	0.9	2.8
20	16.7	23.4	19.5	80.7	18.11	15.9	1.4	1.9	3.3	2.2
21	16.0	24.0	19.3	78.0	17.10	15.0	2.1	0.0	2.1	1.8
22	16.1	24.0	19.5	78.2	17.60	15.5	1.1	0.2	1.3	3.5
23	15.4	23.5	20.0	77.5	17.61	15.5	0.0	0.1	0.1	6.2
24	17.2	25.0	20.6	79.5	18.97	16.6	0.0	17.1	17.1	5.6
25	15.3	25.4	20.5	76.7	18.00	15.8	0.0	0.0	0.0	7.6
26	16.6	23.4	19.1	90.9	20.19	17.6	3.2	0.1	3.3	0.2
27	16.0	24.0	19.8	80.7	18.41	16.2	0.0	1.4	1.4	3.7
28	15.2	27.9	21.0	75.0	17.64	15.4	0.0	0.0	0.0	8.8
29	17.0	25.3	20.8	77.1	18.83	16.6	0.9	9.8	10.7	1.5
30	15.1	24.0	19.0	85.1	18.52	16.3	1.1	0.4	1.5	5.1
PROM	16.2	24.2	19.8	81.7	18.52	16.2	70.2	104.1	174.3	93.3

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.988

ALTITUD: 1.500 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - MAYO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	27.4	21.0	74.7	17.70	15.2	0.0	7.1	7.1	3.3
2	16.4	26.4	20.0	73.0	16.53	14.3	0.4	0.0	0.4	2.3
3	15.0	24.2	19.6	83.2	16.47	16.2	2.7	0.0	2.7	5.4
4	16.0	21.4	18.5	89.8	16.67	16.4	11.9	0.0	11.9	1.5
5	14.1	24.4	19.9	79.9	16.06	15.9	0.0	0.0	0.0	7.4
6	15.9	25.4	20.0	81.2	16.61	16.4	0.0	0.0	0.0	4.4
7	14.8	26.4	19.5	84.7	16.14	16.8	0.9	0.0	0.9	5.9
8	15.8	25.2	20.2	82.4	16.26	16.9	0.9	1.9	2.8	5.3
9	16.9	26.5	21.3	74.6	16.50	16.2	0.0	0.0	0.0	7.2
10	16.7	24.4	20.0	83.3	16.25	16.9	1.7	0.0	1.7	4.3
11	14.8	25.5	19.9	81.6	16.68	16.4	0.5	0.0	0.5	3.6
12	16.8	24.0	20.0	77.3	16.07	15.9	3.0	0.0	3.0	3.8
13	15.6	25.2	19.8	87.3	16.91	17.5	3.8	15.0	18.8	3.9
14	15.8	24.4	19.9	80.4	16.26	16.0	1.1	0.0	1.1	0.8
15	14.5	26.2	20.0	80.3	16.01	15.7	1.8	0.0	1.8	5.0
16	15.4	26.0	20.7	81.7	16.68	17.3	0.0	0.0	0.0	6.8
17	16.9	26.2	21.8	74.0	16.06	16.7	0.0	4.0	4.0	4.2
18	16.5	24.0	19.7	81.2	16.44	16.2	1.1	0.8	1.9	3.1
19	15.4	23.3	19.5	78.3	17.51	16.4	4.2	2.8	7.0	4.0
20	16.3	23.5	19.2	85.7	16.96	16.7	0.1	0.0	0.1	0.7
21	15.4	24.4	19.9	79.3	16.07	15.9	3.2	0.2	3.4	4.9
22	16.4	26.0	20.9	79.0	16.16	16.8	0.2	0.0	0.2	7.1
23	16.8	24.6	19.0	83.3	16.60	16.3	19.0	0.0	19.0	1.6
24	14.0	25.4	20.1	76.3	17.27	15.2	0.1	0.0	0.1	7.0
25	16.7	24.0	20.0	82.0	16.62	17.2	1.2	0.0	1.2	0.7
26	17.0	23.2	18.1	90.1	16.01	16.7	13.3	2.4	15.7	1.2
27	14.8	24.2	18.9	83.8	16.07	15.9	1.7	2.1	3.8	5.4
28	16.0	24.4	19.8	74.8	16.72	14.6	0.0	0.0	0.0	1.1
29	14.9	26.4	19.0	76.3	16.25	14.2	9.3	12.8	22.1	6.2
30	15.1	25.4	19.0	75.2	16.03	14.0	0.0	0.0	0.0	4.1
31	15.0	23.4	18.3	86.3	17.94	15.7	1.9	0.0	1.9	1.5
PROM.	15.8	24.9	19.8	80.7	16.31	16.0	84.0	49.1	133.1	123.7

M E S - JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	24.6	19.5	79.0	17.80	15.6	9.9	9.1	19.0	4.4
2	14.9	26.4	19.2	78.2	16.73	14.6	2.0	0.2	2.2	4.8
3	15.7	24.4	19.9	74.5	16.63	14.8	0.0	0.0	0.0	1.7
4	14.9	26.0	19.3	85.4	16.89	16.6	0.0	0.0	0.0	5.6
5	15.8	28.0	21.1	69.3	15.91	13.3	0.0	0.0	0.0	8.2
6	15.9	24.7	19.8	78.1	17.90	15.7	4.3	0.0	4.3	5.3
7	16.6	24.2	20.2	80.4	16.64	16.4	0.0	0.0	0.0	7.9
8	16.7	23.4	20.2	81.5	15.05	16.7	0.0	0.0	0.0	0.5
9	16.6	24.6	19.4	82.2	16.46	16.2	1.5	3.4	4.9	3.1
10	16.5	25.2	20.1	82.2	15.16	16.8	0.0	0.0	0.0	4.3
11	16.1	25.2	19.0	80.3	17.49	15.4	0.0	0.0	0.0	2.7
12	14.8	23.1	18.7	79.5	16.85	14.6	0.3	1.1	1.4	1.5
13	15.7	24.0	19.3	79.3	17.47	15.4	0.0	5.3	5.3	4.1
14	15.6	24.3	18.5	88.1	16.56	16.3	0.5	0.4	0.9	3.5
15	15.4	24.0	19.4	82.0	16.06	15.9	0.0	0.1	0.1	6.1
16	15.8	19.0	17.3	84.7	16.67	14.6	8.3	9.1	17.4	0.0
17	14.9	23.2	18.8	77.9	16.52	14.5	0.0	7.1	7.1	1.3
18	16.2	21.4	17.9	84.6	17.21	15.1	4.7	10.4	15.1	0.4
19	14.9	24.4	19.4	74.2	16.06	13.9	0.0	0.1	0.1	5.4
20	16.3	23.2	19.6	79.6	18.18	15.9	0.0	0.0	0.0	7.4
21	15.9	24.0	19.9	79.1	16.07	15.9	5.4	0.0	5.4	6.5
22	16.9	23.4	18.9	86.2	15.01	16.7	13.7	1.6	15.3	3.4
23	15.0	25.0	19.1	85.2	16.66	16.4	0.0	0.0	0.0	6.2
24	15.9	22.8	18.3	86.6	16.40	16.2	8.4	1.4	9.8	0.8
25	15.2	20.6	17.5	89.3	17.82	15.7	6.5	0.0	6.5	0.0
26	14.2	25.8	19.3	80.6	17.96	15.8	4.1	0.0	4.1	3.6
27	15.5	25.6	19.0	88.9	15.44	17.1	0.5	0.3	0.8	6.1
28	15.0	24.0	19.8	83.6	15.08	16.8	0.0	0.0	0.0	6.4
29	14.8	24.5	19.5	82.8	16.65	16.4	0.0	0.1	0.1	6.5
30	14.2	23.8	18.9	86.6	16.62	16.3	10.0	0.0	10.0	5.2
PROM	15.6	24.1	19.2	81.7	17.93	15.7	80.1	49.7	129.8	121.9

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.988

ALTITUD: 1.500 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.4	23.9	19.2	85.2	18.95	16.6	0.3	2.1	2.4	5.0
2	15.2	22.0	18.3	85.8	18.01	15.8	0.6	7.9	8.5	1.7
3	15.6	23.2	18.6	88.3	18.89	16.6	2.9	12.4	15.3	1.7
4	14.4	23.1	18.1	86.1	17.83	15.7	5.7	9.3	15.0	2.7
5	15.1	22.4	18.1	84.3	17.44	15.4	1.5	10.9	12.4	1.5
6	15.3	23.0	18.5	87.1	18.44	16.2	0.0	6.2	6.2	4.1
7	15.8	25.0	19.6	83.6	19.01	16.7	0.0	0.4	0.4	5.7
8	15.8	24.6	18.9	87.5	19.11	16.8	8.7	0.0	8.7	4.7
9	15.2	26.4	20.3	83.5	19.80	17.3	8.5	0.2	8.7	7.5
10	15.5	25.4	18.8	84.3	18.59	16.4	20.6	0.0	20.6	6.0
11	16.0	23.5	19.3	84.9	18.98	16.7	6.5	0.2	6.7	6.1
12	14.3	26.4	19.4	83.8	18.96	16.6	0.0	0.0	0.0	8.9
13	15.4	25.4	20.1	79.5	18.23	16.0	0.0	0.0	0.0	5.1
14	14.0	27.4	20.2	82.7	19.30	16.9	0.0	0.0	0.0	7.4
15	14.2	26.6	20.4	79.3	18.48	16.2	0.0	0.0	0.0	7.9
16	13.7	25.8	19.6	81.9	18.43	16.2	0.0	0.0	0.0	7.8
17	15.5	25.7	20.2	86.8	20.49	17.9	0.0	0.0	0.0	6.5
18	17.0	25.8	19.7	88.5	20.32	17.8	0.0	0.0	0.0	6.5
19	15.6	25.2	19.8	86.1	19.84	17.4	0.0	0.0	0.0	5.2
20	16.7	26.2	20.3	82.2	19.65	17.2	1.2	0.0	1.2	7.2
21	15.6	25.0	19.1	88.3	19.56	17.1	0.4	0.0	0.4	3.5
22	16.4	24.3	19.9	87.0	20.17	17.7	0.5	2.7	3.2	6.1
23	15.7	24.2	19.5	88.1	20.00	17.5	3.5	0.0	3.5	3.3
24	15.8	24.8	19.1	88.1	19.96	17.4	6.6	1.2	7.8	5.1
25	13.8	24.0	19.2	86.6	19.13	16.8	0.0	2.2	2.2	6.6
26	15.8	25.4	19.8	86.6	19.86	17.4	0.0	0.7	0.7	5.4
27	15.7	28.0	20.6	75.9	18.29	16.0	0.0	0.0	0.0	7.0
28	16.4	26.9	20.3	83.8	20.12	17.6	0.0	0.0	0.0	7.8
29	16.8	25.6	19.7	86.5	20.16	17.6	0.8	0.2	1.0	4.6
30	16.2	23.7	19.3	88.3	19.86	17.4	0.0	0.3	0.3	6.9
31	14.2	25.2	19.7	86.3	19.64	17.1	0.0	0.0	0.0	5.6
PROM.	15.4	25.0	19.5	85.1	19.21	16.8	68.3	56.9	125.2	169.1

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	15.4	26.6	19.5	85.8	19.50	17.1	1.4	0.6	2.0	5.4
2	14.9	24.2	19.2	86.1	19.12	16.8	1.7	3.5	5.2	4.0
3	15.4	25.2	19.9	86.9	20.21	17.7	0.0	9.5	9.5	4.5
4	16.6	25.7	19.8	82.8	19.34	16.9	11.7	0.1	11.8	6.0
5	16.8	25.5	20.1	85.1	19.95	17.5	0.0	0.0	0.0	5.6
6	16.5	24.2	20.1	86.0	20.31	17.7	0.0	0.3	0.3	5.4
7	16.8	24.0	19.7	88.1	20.36	17.8	3.5	0.4	3.9	0.3
8	16.4	21.8	18.2	87.1	18.10	15.9	0.3	0.0	0.3	1.3
9	15.3	26.9	20.8	78.0	18.49	16.2	0.0	0.0	0.0	6.9
10	16.8	23.2	19.1	87.1	19.21	16.9	0.4	3.9	4.3	4.8
11	15.3	27.6	19.5	80.3	17.89	15.7	0.0	0.0	0.0	5.6
12	14.6	24.4	18.7	82.9	17.70	15.6	0.0	0.2	0.2	4.2
13	15.2	26.7	20.0	78.2	18.17	15.9	0.0	0.0	0.0	8.8
14	15.8	22.6	18.3	84.7	18.10	15.9	0.7	0.0	0.7	0.7
15	14.0	25.6	18.7	82.1	17.61	15.5	3.2	5.5	8.7	8.1
16	15.0	24.8	18.8	84.4	18.16	16.0	1.5	0.0	1.5	4.8
17	16.2	24.4	19.1	88.9	19.68	17.2	2.7	0.1	2.8	2.1
18	15.5	26.3	19.2	82.1	18.16	16.0	4.8	0.0	4.8	6.5
19	14.9	24.0	19.6	84.9	19.26	16.9	0.0	13.2	13.2	4.9
20	15.5	26.2	18.7	83.8	17.89	15.7	7.8	2.3	10.1	2.6
21	15.4	25.7	18.9	88.6	19.46	17.1	20.4	9.9	30.3	1.8
22	15.6	26.8	19.3	84.7	18.99	16.7	0.2	0.6	0.8	4.3
23	14.2	24.8	19.4	86.1	19.20	16.8	0.1	0.0	0.1	6.5
24	16.3	22.9	18.7	86.3	18.72	16.4	0.1	0.0	0.1	2.5
25	15.2	23.8	18.9	86.0	18.66	16.4	6.5	2.1	8.6	4.6
26	14.6	24.0	19.0	85.6	18.67	16.4	3.4	13.6	17.0	4.4
27	15.8	23.6	19.2	86.6	19.22	16.9	0.0	0.7	0.7	2.3
28	16.4	23.0	18.7	89.1	19.23	16.9	1.5	0.4	1.9	3.3
29	15.0	24.4	18.5	88.7	18.92	16.6	7.7	7.9	15.6	5.5
30	15.6	23.8	18.4	84.5	17.78	15.6	12.0	0.0	12.0	0.1
31	15.5	19.4	15.9	96.5	17.35	15.3	13.7	0.0	13.7	0.0
PROM	15.6	24.6	19.1	85.4	18.82	16.5	105.3	74.8	180.1	133.8

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.988

ALTITUD: 1.500 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - SEPTIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.2	25.4	18.5	85.4	18.20	16.0	0.6	0.0	0.6	6.3
2	15.5	27.8	20.7	82.4	19.72	17.2	0.1	6.0	6.1	5.7
3	15.6	25.4	18.5	90.5	19.13	16.8	0.9	0.3	1.2	5.8
4	14.8	25.5	18.8	88.2	19.18	16.8	0.1	0.0	0.1	6.5
5	14.3	24.5	17.1	85.3	16.46	14.4	7.2	0.0	7.2	4.8
6	14.0	24.6	18.9	87.3	19.02	16.7	0.9	0.6	1.5	5.7
7	14.9	21.5	17.0	85.0	16.71	14.7	0.0	0.0	0.0	0.2
8	13.0	23.7	17.9	82.4	16.57	14.5	0.0	0.5	0.5	5.7
9	15.4	23.0	18.1	86.3	18.09	15.9	1.4	3.5	4.9	3.2
10	15.2	22.5	17.8	93.4	19.10	16.8	7.3	0.3	7.6	0.7
11	15.7	23.0	18.4	86.5	18.38	16.2	0.3	3.0	3.3	2.9
12	15.4	25.0	19.0	85.0	18.57	16.4	0.0	0.0	0.0	2.2
13	15.6	23.8	18.5	88.3	18.80	16.5	2.5	8.6	11.1	1.2
14	15.4	25.7	19.4	81.6	18.17	16.0	0.0	0.0	0.0	0.0
15	14.5	26.8	18.9	88.2	19.40	16.9	0.6	0.2	0.8	6.9
16	14.6	25.6	19.6	83.0	18.64	16.3	3.3	0.0	3.3	6.8
17	17.2	23.9	19.7	88.0	20.32	17.7	1.5	0.5	2.0	5.9
18	17.0	23.8	18.6	79.1	17.23	15.2	1.8	1.9	3.7	5.9
19	15.2	23.6	18.7	86.8	18.64	16.4	0.8	2.5	3.3	3.7
20	16.2	22.8	19.0	86.6	19.11	16.8	0.0	0.0	0.0	3.3
21	15.4	25.8	19.1	86.5	19.16	16.8	0.6	0.0	0.6	4.9
22	15.0	23.6	18.1	91.5	19.26	16.9	0.4	1.0	1.4	2.2
23	14.4	25.9	18.8	88.4	19.08	16.8	0.0	0.0	0.0	7.5
24	16.8	25.0	20.4	82.5	19.55	17.1	0.0	0.0	0.0	7.0
25	15.9	26.0	20.4	80.0	19.11	16.8	0.0	0.0	0.0	5.5
26	16.4	24.5	18.4	86.7	18.56	16.3	5.0	0.1	5.1	5.3
27	14.3	24.9	19.1	83.7	18.27	16.0	0.0	0.0	0.0	7.3
28	15.0	26.8	20.0	80.2	18.51	16.2	0.0	2.0	2.0	7.8
29	16.4	25.2	18.9	88.1	19.28	16.9	1.6	12.6	14.2	3.1
30	16.0	20.0	17.2	92.8	18.24	16.1	15.0	0.1	15.1	0.5
PROM.	15.3	24.5	18.8	86.0	18.62	16.3	51.9	43.7	95.6	134.5

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.6	23.6	19.1	84.0	18.58	16.4	0.0	0.2	0.2	2.0
2	16.6	23.5	19.1	85.2	19.02	16.7	0.4	0.0	0.4	0.7
3	16.0	23.6	18.6	89.1	18.98	16.7	0.0	2.1	2.1	0.7
4	15.4	24.6	18.6	89.6	19.53	17.1	13.8	0.0	13.8	2.8
5	14.6	24.4	19.7	86.5	19.58	17.1	0.0	1.6	1.6	5.5
6	16.4	25.0	20.3	84.9	20.02	17.5	0.0	12.6	12.6	5.2
7	16.0	23.8	19.5	84.4	18.96	16.7	2.4	1.2	3.6	3.1
8	16.8	23.0	18.3	89.1	18.90	16.6	5.2	0.0	5.2	1.2
9	15.8	24.6	19.0	86.2	18.83	16.6	3.8	0.0	3.8	5.0
10	15.4	25.8	19.6	84.6	19.29	16.9	0.5	0.0	0.5	6.4
11	16.6	23.2	19.2	87.8	19.78	17.3	0.0	0.0	0.0	0.5
12	16.4	21.4	18.3	88.4	18.66	16.4	1.2	1.1	2.3	0.4
13	16.0	23.0	18.7	86.5	18.65	16.4	0.5	7.1	7.6	0.8
14	16.2	20.7	17.5	93.6	19.01	16.7	20.2	5.0	25.2	
15	15.3	20.8	17.6	93.1	18.70	16.5	9.1	1.2	10.3	0.1
16	15.0	24.2	19.1	85.0	18.46	16.2	0.0	1.2	1.2	
17	16.0	25.2	18.6	88.1	19.01	16.7	8.2	87.2	95.4	3.4
18	15.4	25.0	18.9	81.3	17.74	15.6	0.4	1.9	2.3	3.2
19	15.3	24.9	18.7	85.5	18.45	16.2	0.4	1.1	1.5	6.6
20	14.7	25.5	18.8	83.1	18.08	15.8	0.0	0.0	0.0	7.7
21	14.6	26.9	19.7	82.0	18.79	16.5	0.0	0.0	0.0	6.8
22	16.6	27.6	21.0	80.3	19.53	17.1	0.0	6.1	6.1	4.1
23	17.2	27.7	20.8	82.7	20.24	17.7	0.0	0.0	0.0	7.1
24	16.5	25.2	18.7	89.0	19.59	17.2	0.5	0.0	0.5	4.1
25	14.2	23.4	18.5	85.6	18.07	15.9	0.2	0.0	0.2	3.6
26	15.0	25.4	18.9	88.5	19.44	17.1	0.0	0.0	0.0	5.6
27	14.8	23.8	19.0	88.3	19.38	17.0	0.0	0.0	0.0	1.4
28	14.6	23.6	18.5	86.8	18.59	16.3	4.6	0.0	4.6	1.1
29	16.3	24.8	19.9	83.0	19.12	16.8	0.0	0.0	0.0	3.6
30	16.4	24.5	19.8	85.9	19.81	17.4	0.0	5.7	5.7	3.1
31	17.3	25.0	19.6	86.2	19.77	17.4	0.0	8.0	8.0	4.1
PROM	15.8	24.3	19.1	86.3	19.05	16.7	71.4	143.3	214.7	

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.968

ALTITUD: 1.500 LATITUD: 4-46 N. LONGITUD: 76-13 W.

M E S - NOVIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.2	22.7	18.1	95.8	19.90	17.4	25.8	3.6	29.4	0.7
2	15.9	24.0	18.4	88.9	18.63	16.4	1.6	8.9	10.5	0.5
3	16.6	24.4	19.8	83.0	19.03	16.7	0.0	0.0	0.0	2.4
4	16.3	25.4	20.2	83.3	19.56	17.2	0.0	0.0	0.0	5.8
5	16.9	24.8	19.5	85.7	19.37	17.0	1.0	0.9	1.9	3.3
6	16.1	24.6	19.1	84.9	18.88	16.6	0.0	0.0	0.0	2.9
7	16.2	24.2	19.6	81.8	18.74	16.5	2.0	9.5	11.5	4.0
8	15.5	25.4	19.0	88.2	19.29	16.9	0.3	11.3	11.6	3.2
9	16.2	23.6	18.9	85.3	18.59	16.3	0.0	2.6	2.6	1.4
10	15.9	23.8	19.2	86.8	19.52	17.1	6.0	16.2	22.2	2.8
11	16.4	23.9	19.0	87.8	19.42	17.0	0.4	0.0	0.4	1.4
12	16.0	23.4	19.5	88.3	20.10	17.6	1.0	10.6	11.6	3.3
13	16.8	22.5	18.9	94.8	20.56	17.9	3.4	2.8	6.2	1.1
14	16.9	25.6	20.2	83.6	19.76	17.3	3.2	8.9	12.1	1.5
15	16.8	25.8	19.9	85.6	20.11	17.6	5.2	22.2	27.4	2.3
16	16.0	25.4	18.5	88.6	19.08	16.7	0.0	0.0	0.0	1.7
17	15.4	24.0	18.9	83.5	18.04	15.9	0.0	0.6	0.6	4.5
18	15.5	24.6	19.4	88.7	20.05	17.5	0.0	4.7	4.7	5.5
19	14.5	24.4	18.4	90.1	19.65	17.2	18.9	0.2	19.1	4.2
20	14.4	25.2	18.8	81.5	17.59	15.5	8.8	10.1	18.9	4.2
21	15.7	23.8	18.9	84.6	18.56	16.3	6.3	4.4	10.7	2.6
22	16.3	20.2	17.5	92.7	18.69	16.4	6.7	0.0	6.7	0.2
23	13.7	25.8	18.6	87.8	18.86	16.5	0.0	0.0	0.0	4.6
24	16.0	24.3	18.4	89.7	18.87	16.6	9.5	1.6	11.1	1.9
25	15.8	24.2	19.0	86.3	18.97	16.7	3.4	5.6	9.0	5.2
26	16.3	24.4	19.5	87.5	19.82	17.3	6.6	0.0	6.6	2.1
27	16.1	24.7	19.0	88.2	19.45	17.1	0.0	0.0	0.0	4.6
28	17.2	23.2	19.3	91.0	20.67	18.0	5.3	2.9	8.2	1.5
29	16.4	23.6	17.6	95.9	19.53	17.1	9.7	0.0	9.7	0.1
30	15.7	23.4	18.7	85.7	18.42	16.2	0.1	0.2	0.3	2.9
PROM.	16.0	24.2	19.0	87.5	19.26	16.9	125.2	127.8	253.0	82.4

M E S - DICIEMBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	23.0	18.0	88.4	18.47	16.3	29.0	1.0	30.0	1.1
2	15.9	24.9	18.1	87.3	18.17	16.0	4.8	15.9	20.7	2.2
3	15.6	21.4	17.8	89.9	18.26	16.1	5.0	0.3	5.3	1.1
4	14.8	22.4	17.8	89.6	18.18	16.0	2.2	1.2	3.4	2.5
5	15.9	23.0	18.4	85.0	17.90	15.8	0.4	5.9	6.3	3.8
6	15.4	22.8	18.1	85.8	17.74	15.6	0.0	0.1	0.1	3.4
7	15.0	21.5	17.5	90.8	18.23	16.0	0.2	1.8	2.0	0.1
8	15.2	22.8	18.1	83.1	17.18	15.1	0.3	1.8	2.1	3.5
9	15.3	24.0	18.6	86.1	18.28	16.1	0.0	0.0	0.0	4.2
10	15.7	26.8	19.6	85.3	19.80	17.3	0.0	0.0	0.0	4.3
11	14.7	24.0	19.5	86.2	19.51	17.1	0.3	0.3	0.6	5.6
12	17.2	24.9	19.7	85.0	19.68	17.3	0.0	0.0	0.0	4.5
13	16.4	24.5	18.8	90.9	19.77	17.3	5.2	3.6	8.8	1.7
14	16.1	23.0	18.6	85.8	18.45	16.2	0.0	0.0	0.0	0.7
15	16.0	24.9	19.7	83.0	19.03	16.7	0.0	0.5	0.5	6.4
16	16.8	24.6	19.4	83.3	18.79	16.5	0.0	0.2	0.2	3.0
17	16.0	21.9	17.7	88.3	18.23	16.0	18.3	0.0	18.3	2.3
18	14.0	24.0	18.6	83.7	17.71	15.6	0.0	1.1	1.1	6.1
19	14.5	22.2	18.2	85.5	17.97	15.8	0.1	0.0	0.1	0.1
20	15.8	23.6	19.1	82.6	18.11	15.9	0.0	0.0	0.0	3.0
21	15.0	24.0	19.0	83.7	18.22	16.0	0.0	0.0	0.0	4.7
22	15.1	22.0	17.5	86.8	17.42	15.3	0.1	0.0	0.1	0.5
23	15.0	23.4	18.3	87.9	18.49	16.3	0.5	0.0	0.5	2.1
24	14.2	21.3	18.2	90.2	18.76	16.5	3.7	0.0	3.7	0.6
25	14.0	23.6	18.2	87.2	18.35	16.1	10.0	12.8	22.8	1.7
26	14.8	23.4	18.7	85.8	18.39	16.2	0.2	1.1	1.3	2.5
27	15.6	23.2	18.4	88.9	18.83	16.5	0.0	10.8	10.8	1.4
28	13.4	24.2	18.5	85.2	17.99	15.8	0.0	4.4	4.4	3.6
29	15.8	22.0	18.3	85.2	17.80	15.7	12.6	2.3	14.9	0.4
30	16.0	23.4	18.2	87.5	18.29	16.1	7.8	0.0	7.8	1.4
31	15.7	22.8	18.7	84.8	18.18	16.0	0.0	0.2	0.2	2.4
PROM	15.4	23.3	18.5	86.4	18.39	16.2	100.7	65.3	166.0	80.9

ESTACION: SUBESTACION ALBAN MUNICIPIO: EL CAIRO AÑO: 1.988

ALTITUD: 1.500 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.	Dias lluvias	
ENERO	16.1	24.8	20.0	14.3	28.5	79.5	18.27	16.0	31.3	9	132.4
FEBRERO	15.9	24.5	19.9	13.0	29.0	79.3	18.08	15.9	65.4	15	107.0
MARZO	15.5	25.2	19.9	13.5	30.0	78.3	17.73	15.5	22.0	6	179.8
ABRIL	16.2	24.2	19.8	14.7	27.9	81.7	18.52	16.2	174.3	21	93.3
MAYO	15.8	24.9	19.8	14.0	27.4	80.7	18.31	16.0	133.1	25	123.7
JUNIO	15.6	24.1	19.2	14.2	26.0	81.7	17.93	15.7	129.8	20	121.9
JULIO	15.4	25.0	19.5	13.7	26.0	85.1	19.21	16.8	125.2	20	169.1
AGOSTO	15.6	24.6	19.1	14.0	27.6	85.4	18.82	16.5	160.1	27	133.8
SEPTIEMBRE	15.3	24.5	18.8	13.0	27.8	86.0	18.62	16.3	95.6	22	134.5
OCTUBRE	15.8	24.3	19.1	14.2	27.7	86.3	19.05	16.7	214.7	24	
NOVIEMBRE	16.0	24.2	19.0	13.7	25.8	87.5	19.26	16.9	253.0	24	82.4
DICIEMBRE	15.4	23.3	18.5	13.4	26.8	86.4	18.39	16.2	166.0	25	80.9
PROMEDIO	15.7	24.5	19.4	13.8	27.9	83.2	18.52	16.2			
TOTAL									1590.5	238	

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.988

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	17.5	29.5	23.4	77.5	21.63	18.7	0.1	0.0	0.1	8.5
2	17.6	30.0	23.9	77.1	21.96	18.9	0.0	0.0	0.0	8.4
3	18.4	29.6	22.6	82.9	22.63	19.4	17.4	0.7	18.1	8.2
4	18.0	30.0	24.3	74.1	21.43	18.5	0.0	0.0	0.0	6.6
5	17.4	30.1	23.8	76.1	21.57	18.7	0.0	1.2	1.2	7.1
6	17.5	30.6	22.2	81.1	21.61	18.7	34.8	3.2	38.0	5.9
7	18.5	29.2	23.9	76.1	21.99	19.0	0.0	0.0	0.0	4.8
8	18.2	29.9	24.0	74.9	21.54	18.7	0.0	4.9	4.9	8.2
9	19.4	29.8	23.9	83.3	24.39	20.7	0.0	0.0	0.0	6.2
10	18.2	29.9	22.6	77.8	21.03	18.3	0.0	0.0	0.0	6.4
11	18.5	29.0	23.8	74.2	21.44	18.5	0.3	0.0	0.3	7.1
12	17.4	29.3	23.3	76.4	20.96	18.2	0.0	0.0	0.0	9.2
13	17.6	29.5	23.2	78.0	21.60	18.7	0.0	0.0	0.0	7.6
14	18.5	28.5	23.4	74.8	20.67	18.0	0.0	0.9	0.9	3.8
15	19.0	28.0	21.1	85.2	21.36	18.5	10.1	0.0	10.1	2.2
16	18.0	25.5	21.4	85.7	21.63	18.7	0.0	0.0	0.0	5.5
17	17.6	26.5	21.0	84.6	20.84	18.1	10.7	2.8	13.5	3.9
18	16.5	27.5	22.1	80.4	20.84	18.1	0.0	0.0	0.0	3.9
19	18.2	29.0	22.1	83.1	21.82	18.8	37.0	0.0	37.0	5.6
20	18.0	29.4	23.0	73.6	20.23	17.6	0.0	1.0	1.0	7.1
21	17.9	28.8	22.3	81.2	21.38	18.5	0.0	0.0	0.0	6.4
22	17.6	27.8	22.3	77.6	20.17	17.6	0.0	0.0	0.0	5.2
23	15.8	28.8	22.1	80.2	20.75	18.1	0.0	0.0	0.0	5.5
24	15.5	29.0	23.2	77.9	21.15	18.4	0.0	0.0	0.0	6.1
25	16.8	30.0	23.3	77.3	21.61	18.7	0.0	0.0	0.0	7.1
26	16.0	30.4	23.3	69.0	18.95	16.6	0.0	0.0	0.0	9.5
27	16.2	30.2	23.5	78.6	21.83	18.8	0.0	0.0	0.0	4.1
28	17.0	31.2	23.3	73.5	20.01	17.4	0.1	0.6	0.7	6.5
29	18.2	24.9	21.4	87.5	22.16	19.2	0.0	0.0	0.0	0.0
30	17.8	29.8	22.5	78.8	21.22	18.4	0.0	0.0	0.0	4.8
31	16.7	30.0	23.4	77.7	21.84	18.9	0.0	0.0	0.0	5.5
PROM.	17.6	29.1	22.9	78.6	21.36	18.5	110.5	15.3	125.8	186.9

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	17.6	29.4	22.6	79.7	21.43	18.6	8.5	0.0	8.5	5.1
2	17.4	26.5	22.2	82.1	21.45	18.6	0.0	0.0	0.0	1.6
3	17.5	29.5	21.7	79.2	20.28	17.7	9.8	0.2	10.0	5.7
4	16.5	25.5	21.2	84.4	21.23	18.4	0.0	0.0	0.0	2.1
5	15.5	28.5	21.5	80.9	20.41	17.8	0.0	0.0	0.0	4.2
6	17.0	28.0	22.2	79.5	20.74	18.0	0.0	0.0	0.0	4.0
7	17.8	29.0	23.2	77.9	21.56	18.7	0.0	0.0	0.0	4.9
8	17.5	31.4	21.9	79.6	20.54	17.9	0.0	12.0	12.0	7.5
9	17.0	22.4	20.2	89.7	21.10	18.4	0.0	0.0	0.0	0.0
10	16.4	27.5	22.1	77.1	19.85	17.4	0.0	13.0	13.0	4.2
11	17.0	27.0	21.1	84.4	20.78	18.1	0.0	0.0	0.0	2.1
12	18.6	29.0	23.4	75.3	20.92	18.2	0.0	32.0	32.0	4.4
13	18.2	27.1	23.0	84.2	23.10	19.7	0.0	0.0	0.0	2.5
14	18.4	29.6	23.5	80.2	22.56	19.4	0.0	0.0	0.0	6.0
15	18.2	29.4	24.4	72.4	20.95	18.2	0.0	0.0	0.0	7.0
16	18.4	30.2	23.4	77.2	21.53	18.6	0.0	0.0	0.0	6.2
17	18.2	29.3	22.5	80.3	21.60	18.6	0.0	0.0	0.0	4.4
18	17.8	31.0	24.3	69.3	19.92	17.4	0.0	0.0	0.0	7.6
19	17.0	31.2	24.8	70.4	20.53	17.9	0.0	0.0	0.0	8.3
20	16.8	30.2	24.5	70.0	20.49	17.9	0.0	0.0	0.0	8.6
21	16.6	30.0	24.4	72.4	20.70	18.0	0.0	0.0	0.0	6.0
22	19.2	28.0	24.0	75.3	21.76	18.8	0.0	0.0	0.0	3.4
23	18.7	29.8	24.0	77.6	22.39	19.3	0.0	1.0	1.0	3.6
24	19.0	28.0	22.9	81.4	22.44	19.3	35.0	0.0	35.0	4.3
25	18.4	27.5	22.6	79.7	21.46	18.6	0.0	47.0	47.0	2.3
26	18.0	25.2	21.5	84.3	21.51	18.6	0.0	2.0	2.0	0.9
27	17.8	22.4	20.2	89.2	21.06	18.3	6.0	0.0	6.0	0.0
28	15.8	28.4	22.5	76.0	19.67	17.2	0.0	0.0	0.0	6.4
29	15.4	29.6	22.2	77.8	19.88	17.3	0.0	0.0	0.0	8.6
PROM	17.5	28.3	22.7	78.9	21.10	18.3	59.3	107.2	166.5	129.9

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.988

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	16.4	29.5	22.5	72.5	18.92	16.7	0.0	0.0	0.0	5.6
2	17.0	30.0	23.6	73.5	20.63	18.0	0.0	0.0	0.0	8.7
3	16.5	29.6	24.1	71.3	20.56	17.5	0.0	0.0	0.0	4.2
4	17.0	30.2	24.4	71.1	20.46	17.9	0.0	0.0	0.0	7.2
5	16.7	30.0	24.1	66.5	18.80	16.5	0.0	0.0	0.0	8.0
6	16.8	30.3	24.4	71.8	20.59	17.5	0.0	0.0	0.0	7.2
7	17.0	30.5	24.3	71.6	20.66	18.0	0.0	0.0	0.0	6.6
8	18.8	29.5	23.9	73.3	21.21	18.4	0.0	12.4	12.4	5.3
9	18.0	21.5	19.4	91.0	20.49	17.5	21.6	8.6	30.2	0.0
10	15.5	29.0	22.9	75.5	20.13	17.6	0.0	0.0	0.0	9.1
11	16.0	31.5	23.5	72.2	19.87	17.4	0.0	0.0	0.0	9.9
12	16.9	30.8	24.3	69.0	19.74	17.2	0.0	0.0	0.0	8.3
13	16.8	30.4	24.2	65.8	18.41	16.2	0.0	0.0	0.0	8.1
14	17.2	30.6	23.8	69.6	19.43	17.0	0.0	0.0	0.0	8.7
15	16.8	30.5	23.5	72.3	19.67	17.2	0.0	0.0	0.0	9.1
16	17.0	27.6	22.8	80.4	21.66	18.7	0.0	0.0	0.0	0.3
17	16.8	30.2	23.5	72.1	20.49	17.5	0.0	0.0	0.0	8.1
18	17.0	30.8	24.1	71.4	20.51	17.5	0.0	0.0	0.0	6.3
19	17.2	32.1	25.3	70.2	21.03	18.3	0.0	0.0	0.0	8.4
20	17.0	31.5	25.2	65.1	19.25	16.5	0.0	0.0	0.0	8.7
21	16.8	32.5	25.6	55.5	16.23	13.5	0.0	0.0	0.0	7.2
22	16.4	31.0	23.8	71.1	20.41	17.6	0.0	0.0	0.0	6.6
23	16.8	30.4	23.7	70.0	19.62	17.2	0.0	0.0	0.0	6.7
24	17.4	31.4	25.4	66.5	19.82	17.3	0.0	0.0	0.0	8.2
25	17.0	32.0	23.3	77.2	21.25	18.4	5.0	0.0	5.0	8.1
26	16.4	29.3	23.4	73.3	19.91	17.3	0.0	0.0	0.0	4.0
27	18.6	29.5	24.3	72.0	21.18	18.4	0.0	0.0	0.0	3.9
28	19.0	30.2	24.0	72.0	21.31	18.5	2.1	0.0	2.1	4.8
29	18.4	27.4	22.5	80.2	21.79	18.6	0.9	0.0	0.9	0.9
30	18.8	30.0	22.8	82.4	22.95	19.7	15.6	0.0	15.6	2.6
31	17.8	30.6	24.7	76.2	22.86	19.6	0.0	3.4	3.4	6.8
PROM.	17.2	30.0	23.8	72.4	20.32	17.7	45.2	24.4	69.6	197.6

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	18.6	28.6	24.2	76.6	22.48	19.3	0.0	0.0	0.0	3.3
2	19.4	24.5	21.5	86.2	22.18	19.2	0.0	0.4	0.4	0.0
3	18.0	30.0	21.6	79.4	20.35	17.7	5.6	49.0	52.6	3.2
4	18.0	26.4	21.6	84.0	21.40	18.6	1.8	0.0	1.8	4.7
5	18.2	29.5	22.8	81.1	22.61	19.5	0.1	22.0	22.1	1.7
6	17.6	23.4	20.9	92.3	22.60	19.4	1.5	0.0	1.5	0.0
7	18.4	26.4	22.9	78.4	21.25	18.5	0.0	6.8	6.8	1.7
8	18.8	28.4	24.8	75.2	22.78	19.6	0.0	0.0	0.0	5.0
9	19.0	26.8	21.7	89.1	23.10	19.8	0.4	0.8	1.2	1.4
10	18.8	25.5	20.8	87.4	21.78	18.9	7.0	2.4	9.4	0.5
11	17.4	23.8	20.0	87.2	20.37	17.8	1.3	0.0	1.3	0.0
12	17.5	26.0	21.6	80.1	22.15	19.1	0.0	46.2	46.2	1.4
13	17.3	22.5	19.4	91.8	20.77	18.1	4.9	0.0	4.9	0.0
14	16.4	29.5	22.2	75.5	19.98	17.5	9.3	0.0	9.3	7.0
15	18.2	25.8	21.4	81.7	20.65	18.0	1.3	1.1	2.4	1.4
16	18.0	28.0	23.0	80.5	22.27	19.2	0.1	26.8	26.9	5.1
17	17.8	30.0	23.7	74.8	21.00	18.2	0.0	1.3	1.3	6.9
18	17.6	26.6	22.0	79.9	20.94	18.2	0.0	0.0	0.0	3.1
19	18.4	27.0	22.9	80.2	21.74	18.7	0.0	0.0	0.0	3.4
20	17.8	28.8	22.0	83.6	21.92	18.9	0.6	19.4	20.0	3.0
21	17.4	26.0	20.5	85.6	20.89	18.2	4.3	0.0	4.3	1.4
22	18.0	28.2	22.6	78.5	21.23	18.4	0.0	0.0	0.0	3.9
23	17.9	28.0	21.9	81.9	21.41	18.6	0.0	0.0	0.0	4.8
24	17.8	28.4	21.8	83.4	21.65	18.7	21.7	1.3	23.0	2.8
25	18.2	28.5	21.3	84.6	21.24	18.4	1.7	0.0	1.7	4.8
26	16.8	26.0	21.3	85.1	21.65	18.8	2.1	0.0	2.1	0.9
27	17.5	28.0	21.6	81.2	20.61	17.9	39.6	0.2	39.8	4.5
28	16.8	29.1	23.7	77.1	21.69	18.7	0.0	0.0	0.0	6.4
29	18.0	25.5	20.8	94.1	23.03	19.7	6.8	21.9	28.7	0.0
30	17.4	27.5	21.6	82.9	21.39	18.6	12.0	2.2	14.2	4.9
PROM	17.9	27.1	21.9	82.9	21.57	18.7	120.1	201.8	321.9	87.2

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.968

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	18.0	28.0	22.2	82.8	22.02	19.0	0.7	1.1	1.8	4.4
2	17.4	24.8	21.2	91.3	22.66	19.5	1.3	0.0	1.3	0.6
3	16.6	28.0	21.5	79.6	19.89	17.4	0.0	0.0	0.0	2.6
4	17.8	24.7	20.6	96.8	23.53	20.1	6.1	0.0	6.1	0.7
5	18.0	26.6	22.6	83.6	22.61	19.4	0.6	0.1	0.7	2.3
6	18.5	28.0	21.7	81.6	21.02	18.3	0.6	0.0	0.6	4.4
7	17.4	28.2	22.3	84.5	22.56	19.4	0.8	0.0	0.8	4.4
8	17.2	29.0	22.6	82.1	22.27	19.2	0.0	0.0	0.0	4.0
9	18.5	29.0	23.5	79.0	22.32	19.2	0.0	0.0	0.0	5.5
10	18.4	26.5	21.2	87.1	22.23	19.2	2.9	0.0	2.9	2.3
11	16.0	28.6	21.6	84.0	21.83	18.9	34.4	0.0	34.4	4.7
12	17.8	28.0	22.0	82.0	21.84	18.9	0.6	0.0	0.6	2.5
13	16.4	27.8	21.8	82.3	21.45	18.6	0.0	9.8	9.8	3.7
14	17.5	26.4	21.9	79.7	20.63	18.0	0.0	0.0	0.0	1.4
15	16.8	28.6	22.4	80.1	20.99	18.2	0.0	0.0	0.0	4.2
16	16.0	28.5	23.9	75.5	21.54	18.6	0.0	0.0	0.0	6.7
17	18.0	28.0	23.3	82.1	23.30	19.9	0.0	0.0	0.0	3.3
18	18.6	26.0	22.4	81.7	21.80	18.8	0.0	0.4	0.4	1.0
19	18.0	27.0	21.9	82.4	21.21	18.4	1.7	5.0	6.7	1.7
20	17.8	25.0	20.6	92.8	22.69	19.5	4.7	0.0	4.7	0.2
21	17.0	26.4	21.2	83.5	21.01	18.3	4.9	0.0	4.9	3.3
22	18.0	28.8	23.1	75.6	20.91	18.2	0.0	0.0	0.0	4.8
23	17.4	25.5	20.6	86.8	21.29	18.5	23.6	0.0	23.6	1.1
24	15.0	27.5	22.0	83.9	21.60	18.6	0.0	0.0	0.0	4.6
25	18.4	26.4	22.1	85.3	22.46	19.3	4.9	3.1	8.0	0.0
26	17.8	26.0	20.6	85.5	21.03	18.3	20.9	0.2	21.1	2.0
27	16.0	26.0	20.7	88.1	21.61	18.7	14.5	37.8	52.3	2.2
28	17.0	25.0	21.5	85.0	21.47	18.6	0.7	0.0	0.7	2.3
29	16.7	28.6	21.1	84.3	20.98	18.2	4.8	9.5	14.3	5.3
30	15.0	27.0	21.6	81.1	20.26	17.7	0.0	0.0	0.0	5.1
31	15.8	26.0	20.7	83.1	20.05	17.6	7.0	2.3	9.3	0.8
PROM.	17.3	27.1	21.8	83.7	21.65	18.7	135.7	69.3	205.0	92.1

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.2	26.4	21.6	79.1	19.94	17.4	0.0	5.1	5.1	3.3
2	17.0	27.2	21.3	81.8	20.59	18.0	0.0	19.0	19.0	3.5
3	18.0	24.0	20.7	90.3	21.87	18.9	0.0	0.0	0.0	0.0
4	16.8	27.8	21.9	78.4	20.44	17.8	0.0	0.0	0.0	6.0
5	17.2	29.6	24.0	78.1	22.80	19.9	0.0	0.0	0.0	7.0
6	16.8	24.2	20.6	83.5	20.26	17.7	0.8	0.0	0.8	2.5
7	17.2	28.0	21.9	79.2	20.50	17.9	0.3	0.0	0.3	6.1
8	17.5	26.4	22.0	83.5	21.74	18.8	0.0	0.0	0.0	1.9
9	17.0	26.8	22.0	82.9	21.61	18.7	0.0	0.0	0.0	2.2
10	17.4	27.0	21.9	81.3	21.13	18.4	0.3	0.0	0.3	2.0
11	17.2	27.2	22.0	76.3	19.59	17.1	0.6	0.0	0.6	2.7
12	17.4	26.1	21.6	77.8	19.95	17.5	4.4	0.0	4.4	1.9
13	17.0	26.5	21.8	80.4	20.65	17.9	3.2	15.6	18.8	1.2
14	17.5	25.5	20.0	83.6	19.82	17.4	3.0	0.0	3.0	1.8
15	16.4	27.0	19.9	80.6	18.79	16.5	0.5	0.0	0.5	4.8
16	15.8	23.4	18.7	91.3	19.71	17.2	0.8	2.6	3.4	0.1
17	16.4	23.7	20.1	86.8	20.59	18.0	0.0	0.2	0.2	0.2
18	17.0	23.2	18.9	94.1	20.67	18.0	7.0	4.6	11.6	0.0
19	16.8	26.2	21.0	81.9	20.19	17.6	0.0	0.4	0.4	3.7
20	16.4	28.0	22.2	75.7	19.76	17.2	0.0	0.0	0.0	5.4
21	17.4	28.4	22.6	80.8	21.83	18.8	0.0	0.0	0.0	5.5
22	18.4	27.0	21.3	82.6	21.16	18.4	0.0	11.8	11.8	3.8
23	17.0	26.4	21.3	79.4	19.66	17.2	0.0	3.4	3.4	3.4
24	18.0	25.5	19.3	91.8	20.98	18.3	19.4	8.1	27.5	1.0
25	17.0	23.2	18.6	86.9	18.91	16.6	2.2	0.1	2.3	1.0
26	16.4	26.0	20.4	82.0	20.00	17.5	0.0	0.0	0.0	4.2
27	16.0	27.0	21.5	78.1	19.49	17.0	0.3	0.0	0.3	4.9
28	16.9	25.9	20.4	82.3	19.95	17.5	1.1	0.0	1.1	4.4
29	15.5	26.8	20.9	83.0	20.33	17.7	5.5	1.9	7.4	4.6
30	16.6	26.5	20.9	83.1	20.48	17.9	0.0	0.0	0.0	5.1
PROM	17.0	26.2	21.0	82.6	20.45	17.8	49.4	72.8	122.2	94.2

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.988

ALTITUD: 1.320 LATITUD: 4-40 N. LONGITUD: 75-48 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	17.8	25.5	20.9	83.0	20.73	18.1	0.1	0.0	0.1	1.3
2	17.5	25.0	20.1	83.4	19.71	17.3	0.4	3.0	3.4	1.4
3	17.6	24.7	20.5	86.6	21.08	18.4	2.0	31.6	33.6	1.5
4	16.0	24.3	19.3	87.8	19.50	17.1	0.0	11.0	11.0	0.7
5	16.6	24.0	20.6	83.1	19.92	17.4	0.1	5.9	6.0	1.4
6	17.0	25.6	20.3	81.9	19.32	17.0	0.0	0.0	0.0	2.8
7	15.6	25.5	21.3	79.7	19.92	17.4	3.0	3.5	6.5	1.7
8	17.4	26.2	21.4	82.9	20.89	18.2	4.8	0.0	4.8	2.4
9	16.8	28.1	22.3	82.0	22.01	19.0	0.0	0.0	0.0	4.8
10	16.5	27.5	21.9	82.2	21.53	18.7	0.0	0.0	0.0	4.3
11	16.8	27.2	21.5	78.7	19.78	17.3	0.0	0.0	0.0	5.7
12	16.4	27.5	21.3	81.6	20.44	17.9	0.0	0.0	0.0	4.7
13	16.3	27.4	22.0	79.8	20.82	18.1	0.0	0.0	0.0	6.1
14	16.6	28.8	22.0	74.3	19.15	16.7	0.0	0.0	0.0	5.6
15	16.0	28.8	23.1	76.6	21.02	18.3	0.0	0.0	0.0	6.7
16	14.5	28.6	22.3	77.6	20.30	17.7	0.0	0.0	0.0	6.3
17	15.6	27.7	22.1	77.3	20.29	17.7	1.8	0.0	1.8	4.9
18	15.4	28.1	22.2	80.3	21.15	18.3	1.7	0.0	1.7	4.5
19	16.5	28.0	21.0	83.5	20.73	18.1	12.6	0.0	12.6	4.9
20	15.8	29.0	22.4	79.3	21.13	18.4	0.0	0.0	0.0	5.6
21	17.4	27.4	22.0	85.2	22.38	19.3	1.1	0.0	1.1	4.2
22	17.5	28.0	22.3	79.6	21.28	18.5	0.2	0.4	0.6	3.8
23	16.6	27.6	21.1	83.5	20.90	18.2	0.0	0.0	0.0	1.7
24	16.5	28.4	20.6	79.1	20.04	17.5	1.1	9.4	10.5	5.7
25	16.8	28.4	21.8	82.5	21.56	18.7	7.9	25.7	33.6	5.4
26	16.7	26.3	21.0	88.2	22.11	19.1	0.2	0.0	0.2	3.2
27	17.0	28.2	22.1	78.4	20.28	17.7	0.0	0.0	0.0	4.5
28	16.3	29.2	23.0	73.4	20.21	17.7	0.0	0.0	0.0	6.5
29	16.4	26.0	21.4	80.3	20.49	17.9	0.0	6.8	6.8	4.0
30	17.5	28.4	21.1	83.9	21.02	18.3	1.0	0.8	1.8	5.0
31	17.4	26.9	21.1	80.4	20.20	17.7	0.9	0.0	0.9	3.1
PROM.	16.6	27.2	21.5	81.2	20.64	18.0	38.9	98.1	137.0	124.4

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	15.6	28.0	21.3	77.8	19.64	17.2	1.3	0.3	1.6	3.2
2	16.5	26.8	20.5	83.6	20.15	17.6	0.0	0.5	0.5	2.3
3	17.8	28.5	21.3	81.5	20.68	18.0	4.6	7.9	12.5	3.1
4	18.0	26.4	21.6	81.3	20.84	18.1	0.0	0.0	0.0	2.2
5	18.2	28.8	22.4	78.7	21.24	18.4	0.0	0.0	0.0	4.9
6	16.5	28.2	22.0	75.0	19.83	17.4	0.0	4.8	4.8	6.0
7	16.4	27.5	22.6	77.6	21.44	18.6	0.6	10.6	11.2	5.2
8	17.5	25.4	21.4	85.3	21.72	18.8	0.8	1.5	2.3	1.5
9	17.8	28.3	23.0	79.0	21.61	18.7	0.0	0.0	0.0	5.5
10	17.4	27.8	22.8	79.4	22.13	19.1	0.2	0.0	0.2	2.6
11	17.5	28.4	22.5	80.3	21.38	18.6	0.0	0.0	0.0	5.3
12	16.0	26.8	20.5	84.0	20.33	17.8	2.8	2.3	5.1	4.1
13	17.5	28.0	22.4	81.2	21.59	18.7	0.0	0.0	0.0	5.4
14	17.6	25.7	20.4	87.8	21.49	18.7	4.0	0.0	4.0	1.4
15	16.2	29.2	21.2	82.5	20.70	18.1	11.1	2.5	13.6	7.3
16	16.8	26.4	21.0	89.0	22.08	19.0	1.2	4.8	6.0	4.3
17	16.9	25.5	20.7	88.6	21.56	18.7	1.3	0.1	1.4	1.6
18	16.0	29.5	21.6	78.3	20.02	17.5	18.5	0.1	18.6	6.9
19	16.8	26.4	22.0	81.6	21.53	18.7	0.0	21.3	21.3	2.8
20	17.0	26.9	21.2	81.4	20.09	17.5	0.6	0.0	0.6	3.6
21	17.8	24.7	20.3	88.6	21.13	18.4	0.5	3.8	4.3	0.9
22	16.4	26.7	21.1	82.1	20.07	17.5	0.5	0.0	0.5	2.8
23	15.0	28.0	21.5	79.1	19.95	17.4	0.7	0.6	1.3	5.1
24	18.4	26.4	21.5	81.2	21.00	18.3	0.3	0.0	0.3	3.3
25	16.5	26.3	21.1	80.3	19.92	17.4	0.3	0.0	0.3	3.3
26	16.4	27.8	21.4	83.6	21.53	18.7	2.4	13.4	15.8	4.5
27	17.4	25.0	19.9	86.9	20.33	17.8	0.8	0.0	0.8	1.7
28	17.3	27.4	21.2	82.5	20.92	18.2	1.7	0.0	1.7	4.1
29	16.4	25.3	19.7	91.6	21.38	18.6	5.1	30.4	35.5	3.2
30	16.5	24.6	20.1	85.4	19.95	17.5	5.2	24.2	29.4	1.8
31	16.4	20.2	17.4	94.8	18.97	16.7	18.4	0.0	18.4	0.0
PROM	16.9	26.8	21.2	82.9	20.81	18.1	82.9	129.1	212.0	109.9

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.988

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	15.4	26.8	20.7	78.9	19.16	16.8	0.0	0.0	0.0	4.9
2	16.5	27.4	20.1	81.3	19.40	17.0	3.0	4.6	7.6	3.5
3	17.2	28.0	20.3	86.6	20.72	18.1	0.0	0.0	0.0	5.0
4	16.0	27.4	19.9	90.4	21.14	18.4	1.5	0.0	1.5	6.3
5	16.8	27.0	20.4	81.5	19.91	17.5	28.3	0.0	28.3	4.5
6	14.4	26.8	21.5	81.5	20.55	17.9	0.0	0.0	0.0	4.1
7	17.5	21.7	18.6	88.4	19.30	16.9	2.7	0.0	2.7	0.0
8	13.8	26.6	20.6	82.1	19.64	17.2	0.0	0.0	0.0	3.2
9	16.4	26.0	21.1	84.6	21.31	18.5	0.1	8.5	8.6	4.6
10	14.5	25.0	19.7	89.5	20.77	18.1	7.4	7.4	14.8	2.2
11	17.4	27.0	20.4	81.5	19.70	17.3	3.2	20.0	23.2	2.8
12	16.8	24.5	20.4	83.9	20.04	17.5	0.0	13.8	13.8	1.1
13	16.2	23.2	19.1	85.6	19.17	16.8	5.1	8.6	13.7	0.0
14	16.4	25.6	20.4	83.5	20.09	17.6	0.4	0.0	0.4	2.7
15	14.9	27.5	20.1	83.4	19.84	17.4	0.0	0.0	0.0	5.0
16	13.5	29.7	20.6	82.2	19.73	17.2	5.1	0.0	5.1	7.8
17	17.3	28.4	21.6	79.6	20.10	17.6	0.0	1.6	1.6	3.3
18	17.0	26.0	20.2	85.9	20.71	18.1	34.4	6.1	40.5	3.1
19	17.5	26.5	21.2	81.0	20.19	17.7	0.0	1.7	1.7	2.2
20	17.6	26.6	21.5	82.5	21.14	18.4	0.4	3.5	3.9	4.6
21	17.5	26.8	21.7	81.2	20.81	18.1	0.3	0.4	0.7	5.6
22	18.0	27.6	22.6	78.3	21.28	18.5	0.0	1.3	1.3	4.0
23	17.4	28.4	20.9	85.3	21.31	18.5	5.5	0.0	5.5	5.0
24	17.2	28.2	22.5	79.2	21.15	18.4	0.2	0.0	0.2	6.1
25	16.9	27.5	22.0	83.5	21.86	18.9	1.2	0.0	1.2	4.2
26	18.4	28.5	22.1	80.0	21.68	18.8	0.0	0.0	0.0	4.4
27	15.5	27.8	22.5	77.7	20.70	18.1	0.0	0.0	0.0	6.4
28	16.5	29.3	21.6	80.5	20.96	18.3	1.7	1.9	3.6	6.6
29	16.0	28.2	21.1	83.9	21.26	18.5	0.1	37.4	37.5	4.8
30	17.4	25.0	19.8	87.7	20.58	18.0	3.5	0.0	3.5	1.8
PROM.	16.5	26.8	20.8	83.1	20.47	17.9	104.1	116.8	220.9	119.8

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	16.8	27.4	20.6	82.9	20.46	17.9	4.0	14.2	18.2	3.6
2	16.9	26.6	20.5	84.6	20.45	17.9	2.5	1.6	4.1	4.1
3	17.5	23.2	20.6	90.7	22.10	19.1	2.7	0.0	2.7	2.3
4	18.4	26.3	19.9	93.2	21.79	18.9	1.8	0.0	1.8	3.0
5	16.4	27.2	21.4	83.4	21.29	18.5	0.4	0.0	0.4	6.1
6	18.0	28.0	21.5	83.8	21.72	18.8	2.1	10.2	12.3	5.3
7	17.8	27.3	22.2	81.7	21.64	18.7	0.2	1.4	1.6	4.2
8	18.5	24.9	20.6	86.3	21.43	18.6	3.8	0.0	3.8	0.4
9	17.0	27.8	21.3	79.5	20.59	17.9	0.0	0.0	0.0	6.3
10	16.4	28.5	21.7	81.7	21.52	18.7	21.5	0.0	21.5	4.8
11	16.5	25.8	21.3	84.5	21.51	18.7	0.0	0.0	0.0	2.7
12	18.3	23.0	18.9	94.2	20.93	18.2	14.5	13.1	27.6	0.5
13	16.7	24.8	20.0	84.5	19.74	17.3	0.0	6.9	6.9	0.7
14	17.5	23.8	19.9	87.2	20.42	17.8	2.4	9.5	11.9	1.0
15	17.0	23.4	20.0	87.6	20.39	17.8	0.0	0.0	0.0	0.2
16	15.8	27.5	21.5	78.2	19.76	17.3	0.0	2.9	2.9	5.4
17	17.5	28.4	22.0	80.4	21.18	18.4	0.0	11.4	11.4	6.2
18	17.0	26.4	21.1	81.5	20.35	17.8	1.4	0.0	1.4	2.6
19	18.0	27.5	21.4	78.5	19.80	17.3	0.0	0.0	0.0	5.0
20	16.5	28.5	22.4	78.4	21.03	18.2	0.0	0.0	0.0	7.7
21	17.4	28.0	22.4	79.6	21.05	18.3	0.0	0.0	0.0	3.8
22	17.2	25.8	21.3	83.5	20.67	18.0	0.0	0.0	0.0	2.2
23	15.7	29.7	22.8	76.0	20.95	18.2	0.0	0.0	0.0	8.1
24	16.8	28.5	21.0	79.1	19.90	17.4	1.2	0.0	1.2	5.7
25	15.5	25.8	20.7	82.4	19.92	17.4	0.0	0.9	0.9	1.5
26	17.0	27.4	21.4	82.7	20.89	18.2	0.0	0.0	0.0	6.2
27	17.5	26.0	20.6	83.5	20.50	17.9	18.1	0.9	19.0	1.6
28	17.4	26.4	20.7	83.5	20.46	17.9	1.1	8.6	9.7	1.9
29	17.8	27.5	21.0	83.8	20.90	18.2	9.6	0.0	9.6	3.6
30	17.6	29.0	21.2	79.7	20.24	17.7	0.0	0.9	0.9	4.7
31	16.5	27.8	20.5	79.2	19.60	17.1	2.6	0.9	3.5	0.3
PROM	17.1	26.7	21.0	83.1	20.75	18.1	89.9	83.4	173.3	117.7

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.988

ALTITUD: 1.320 LATITUD: 4-40 N. LONGITUD: 75-48 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	17.2	26.5	20.3	87.5	21.35	18.5	55.0	9.5	64.5	2.6
2	16.5	25.0	19.2	88.8	19.78	17.3	2.8	4.2	7.0	2.5
3	16.4	27.3	21.2	79.9	19.88	17.4	0.0	0.0	0.0	4.2
4	16.5	29.2	22.1	76.8	20.33	17.8	0.0	0.0	0.0	7.8
5	17.3	27.8	21.7	78.8	20.63	18.0	0.4	4.8	5.2	4.1
6	17.8	28.0	20.8	83.0	20.57	18.0	0.0	0.0	0.0	3.7
7	17.0	28.2	21.0	81.9	20.48	17.9	16.4	5.2	21.6	5.1
8	17.4	28.0	20.8	80.9	20.12	17.6	28.0	1.8	29.8	3.4
9	17.5	25.8	20.6	83.4	20.38	17.8	3.1	4.4	7.5	2.2
10	17.6	25.7	20.7	83.1	20.13	17.6	0.3	32.8	33.1	1.9
11	17.0	26.5	19.9	86.6	20.16	17.6	7.9	0.0	7.9	3.0
12	17.8	27.5	21.8	82.0	21.08	18.3	0.0	26.1	26.1	4.6
13	16.8	25.2	20.3	86.3	20.47	17.9	0.0	17.8	17.8	2.2
14	17.8	27.0	20.7	85.2	20.72	18.0	5.7	46.8	52.5	4.0
15	16.5	26.0	21.8	83.5	21.30	18.5	0.0	38.1	38.1	3.7
16	16.4	25.0	19.4	87.1	19.65	17.2	5.5	2.1	7.6	2.7
17	16.7	25.4	20.4	85.1	19.93	17.4	0.0	0.0	0.0	2.2
18	15.0	26.9	21.4	83.0	20.42	17.6	0.0	0.0	0.0	4.6
19	17.0	27.0	21.5	78.8	19.72	17.3	0.0	0.4	0.4	5.4
20	15.2	26.8	20.6	81.4	19.22	16.8	0.0	0.5	0.5	5.2
21	17.3	27.4	22.1	76.8	20.38	17.8	0.2	27.2	27.4	5.7
22	17.6	25.0	20.1	86.1	20.37	17.8	2.5	0.0	2.5	2.6
23	16.8	28.2	21.8	76.0	19.77	17.3	0.0	0.0	0.0	7.9
24	17.4	26.8	20.2	79.8	19.18	16.8	0.0	0.0	0.0	2.1
25	16.4	27.8	20.9	78.5	19.62	17.2	0.3	10.9	11.2	4.9
26	17.0	25.8	20.2	83.0	19.77	17.3	0.3	0.0	0.3	2.7
27	16.8	29.4	23.0	73.3	20.47	17.8	0.0	0.0	0.0	6.8
28	18.4	26.0	21.4	81.3	21.10	18.3	0.9	0.9	1.8	2.3
29	18.0	26.9	20.3	83.9	20.44	17.9	32.2	3.4	35.6	3.9
30	17.4	27.0	20.3	83.3	20.12	17.6	1.6	29.2	30.8	5.5
PROM.	17.0	26.8	20.9	82.2	20.25	17.7	163.1	266.1	429.2	119.5

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	17.0	26.8	20.0	82.3	19.55	17.2	2.1	0.2	2.3	3.6
2	16.6	26.4	20.9	81.4	20.00	17.5	0.0	1.4	1.4	3.8
3	17.3	25.5	19.6	83.9	19.22	16.9	9.4	0.1	9.5	2.8
4	16.8	26.8	20.4	82.5	19.83	17.4	0.6	28.0	28.6	3.1
5	17.0	26.5	20.8	80.6	19.40	17.0	1.7	0.9	2.6	2.9
6	16.8	26.4	20.6	80.5	19.63	17.2	6.6	0.0	6.6	4.8
7	16.4	27.6	20.9	80.8	20.17	17.7	3.7	1.4	5.1	0.6
8	16.2	24.8	19.3	81.9	18.45	16.2	0.3	0.4	0.7	1.9
9	17.4	25.7	19.5	90.3	20.01	18.0	0.9	0.0	0.9	2.8
10	16.3	27.4	20.4	83.2	20.18	17.8	0.0	0.0	0.0	5.3
11	14.9	27.2	20.1	82.7	19.33	17.0	0.6	0.0	0.6	4.7
12	16.4	26.8	21.3	80.9	20.28	17.7	2.1	0.5	2.6	3.5
13	18.4	26.5	20.6	84.6	20.35	17.8	1.2	0.1	1.3	2.2
14	17.4	23.8	19.2	90.5	20.37	17.8	0.0	0.0	0.0	0.4
15	16.0	27.0	21.1	79.5	19.64	17.2	0.0	0.7	0.7	5.5
16	17.4	28.3	21.2	77.7	19.32	16.9	0.1	5.7	5.8	5.9
17	17.2	26.5	20.2	77.5	18.30	16.1	4.8	2.0	6.8	5.5
18	17.0	27.3	20.4	80.0	19.07	16.8	0.1	10.1	10.2	6.3
19	16.8	26.2	21.1	81.8	20.21	17.7	1.2	0.0	1.2	3.6
20	15.6	27.5	21.3	78.7	19.45	17.0	0.0	0.0	0.0	6.9
21	14.7	27.8	20.5	77.0	18.15	16.0	0.3	0.0	0.3	6.6
22	15.4	26.8	19.8	82.7	19.33	17.0	10.4	0.0	10.4	4.9
23	14.6	27.4	20.6	79.5	19.40	17.0	0.0	0.0	0.0	6.4
24	15.6	26.5	20.3	79.5	19.06	16.7	38.0	0.1	38.1	6.1
25	15.8	25.4	19.7	83.8	19.29	17.0	0.0	4.4	4.4	1.3
26	17.2	26.0	20.8	80.4	19.09	17.3	1.4	0.0	1.4	2.6
27	16.8	27.5	19.3	84.1	19.05	16.8	1.3	0.5	1.8	3.5
28	16.5	26.5	19.5	82.6	18.88	16.6	37.6	14.7	52.3	4.1
29	16.3	24.8	20.5	84.1	20.03	17.5	0.0	20.0	20.0	2.0
30	16.8	26.8	19.6	82.3	18.73	16.4	9.0	10.5	19.5	4.2
31	15.0	26.6	19.4	83.3	18.85	16.6	9.6	0.4	10.0	4.8
PROM	16.4	26.6	20.3	81.9	19.48	17.1	143.6	102.1	245.1	122.4

ESTACION: ARTURO GOMEZ MUNICIPIO: ALCALA AÑO: 1.988

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	17.6	29.1	22.9	15.5	31.2	78.6	21.36	18.5	125.8	12	186.9
FEBRERO	17.5	28.3	22.7	15.4	31.4	78.9	21.10	18.3	166.5	10	129.9
MARZO	17.2	30.0	23.8	15.5	32.5	72.4	20.32	17.7	69.6	7	197.6
ABRIL	17.9	27.1	21.9	16.4	30.0	82.9	21.57	18.7	321.9	23	87.2
MAYO	17.3	27.1	21.8	15.0	29.0	83.7	21.65	18.7	205.0	21	92.1
JUNIO	17.0	26.2	21.0	15.5	29.6	82.6	20.45	17.8	122.2	21	94.2
JULIO	16.6	27.2	21.5	14.5	29.2	81.2	20.64	18.0	137.0	18	124.4
AGOSTO	16.9	26.8	21.2	15.0	29.5	82.9	20.81	18.1	212.0	26	109.9
SEPTIEMBRE	16.5	26.8	20.8	13.5	29.7	83.1	20.47	17.9	220.9	23	119.8
OCTUBRE	17.1	26.7	21.0	15.5	29.7	83.1	20.75	18.1	173.3	22	117.7
NOVIEMBRE	17.0	26.8	20.9	15.0	29.4	82.2	20.25	17.7	429.2	22	119.5
DICIEMBRE	16.4	26.6	20.3	14.6	28.3	81.9	19.48	17.1	245.1	27	122.4
PROMEDIO	17.1	27.4	21.7	15.1	30.0	81.1	20.74	18.1			
TOTAL									2428.5	232	1501.6

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.988

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

M E S - ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	24.6	19.2	81.3	17.84	15.7	0.0	0.0	0.0	3.6
2	14.2	25.5	19.7	82.1	18.52	16.2	0.0	2.9	2.9	3.9
3	16.4	24.8	19.6	80.6	18.30	16.1	0.0	0.0	0.0	2.9
4	16.7	25.3	20.9	75.8	18.44	16.2	0.0	0.0	0.0	4.5
5	15.8	25.2	20.7	77.7	18.39	16.2	0.0	0.0	0.0	2.6
6	17.0	25.0	20.5	77.0	18.36	16.1	0.0	0.8	0.8	1.7
7	16.7	25.8	20.2	80.0	18.63	16.4	0.0	0.0	0.0	3.0
8	16.0	26.6	20.8	76.9	18.38	16.1	0.0	0.0	0.0	5.9
9	16.7	26.3	20.8	74.7	17.95	15.7	0.0	0.0	0.0	3.0
10	16.4	26.9	20.7	76.5	18.44	16.1	0.0	0.0	0.0	4.7
11	15.9	26.0	19.9	74.2	16.99	14.9	0.0	0.0	0.0	4.4
12	15.0	26.2	20.3	75.7	17.56	15.5	0.0	0.0	0.0	5.9
13	15.2	23.7	19.3	80.2	17.53	15.4	0.0	0.6	0.6	2.4
14	16.0	23.2	19.9	77.6	17.40	15.3	0.0	0.1	0.1	1.0
15	16.5	23.1	18.7	85.6	18.45	16.2	1.6	4.5	6.1	1.7
16	15.6	23.0	18.4	83.5	17.60	15.5	0.0	0.0	0.0	2.1
17	15.3	23.8	17.7	83.7	16.78	14.7	1.5	1.8	3.3	2.3
18	14.7	22.8	18.3	85.2	18.03	15.9	0.0	0.0	0.0	0.8
19	16.4	24.2	19.2	82.6	18.27	16.1	0.0	0.0	0.0	3.8
20	16.0	24.4	19.7	76.0	17.20	15.1	0.0	0.0	0.0	2.5
21	15.9	24.8	19.5	78.5	17.44	15.3	9.4	0.0	9.4	4.6
22	15.8	24.5	19.9	75.5	17.15	15.1	0.0	0.0	0.0	1.7
23	15.5	23.9	19.2	80.6	17.64	15.5	0.0	0.0	0.0	1.2
24	15.5	24.3	19.6	78.3	17.68	15.6	0.0	0.0	0.0	3.2
25	15.0	25.0	20.2	75.9	17.81	15.7	0.0	0.0	0.0	3.3
26	15.2	25.8	19.5	78.7	17.57	15.5	0.0	0.0	0.0	7.3
27	16.4	24.8	20.7	75.1	17.99	15.8	0.0	0.0	0.0	2.5
28	15.9	26.2	20.8	77.0	18.73	16.5	0.0	0.6	0.6	4.5
29	16.4	21.6	18.2	89.1	18.70	16.5	5.1	0.0	5.1	0.0
30	15.4	24.2	19.8	79.5	18.04	15.9	0.0	0.0	0.0	2.1
31	15.7	25.8	20.1	76.9	17.56	15.4	0.0	0.0	0.0	3.5
PROM.	15.8	24.8	19.7	79.1	17.92	15.7	17.6	11.3	28.9	96.6

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	16.2	27.1	21.0	76.1	18.88	16.6	0.0	0.0	0.0	4.0
2	16.7	23.6	20.4	77.9	18.24	16.0	0.0	0.0	0.0	1.5
3	15.7	25.8	20.9	72.4	17.25	15.1	0.0	7.3	7.3	2.9
4	14.8	21.7	18.3	87.5	18.47	16.2	0.0	0.0	0.0	0.8
5	15.8	23.3	19.9	80.1	18.23	16.0	0.0	0.0	0.0	0.7
6	16.4	24.9	19.9	78.2	17.87	15.7	9.6	0.0	9.6	1.2
7	15.9	23.8	20.0	80.4	18.48	16.3	0.0	0.0	0.0	2.7
8	16.6	27.3	21.5	73.4	18.22	16.0	0.0	4.3	4.3	5.5
9	15.4	20.5	17.8	92.1	18.69	16.4	3.9	0.0	3.9	0.0
10	14.5	23.1	18.3	83.1	17.27	15.2	0.0	3.8	3.8	1.5
11	14.7	21.8	17.7	87.0	17.56	15.5	2.7	0.5	3.2	0.7
12	16.4	23.2	19.8	78.4	17.72	15.6	0.0	14.8	14.8	2.3
13	16.2	23.1	19.4	81.7	18.19	16.0	0.1	0.0	0.1	1.3
14	15.4	24.2	19.4	79.1	17.43	15.3	0.0	0.0	0.0	2.6
15	15.8	25.1	20.7	74.0	17.85	15.7	0.0	0.0	0.0	3.5
16	16.9	25.6	20.6	75.7	17.44	15.3	0.0	0.0	0.0	4.7
17	16.4	25.0	20.2	75.4	17.46	15.4	0.0	0.0	0.0	2.7
18	15.8	26.3	20.7	70.3	16.65	14.6	0.0	0.0	0.0	5.7
19	16.4	26.2	20.7	74.9	18.00	15.9	0.0	0.0	0.0	5.5
20	16.0	26.4	20.6	70.3	16.40	14.4	0.0	0.0	0.0	4.8
21	16.0	26.3	21.4	71.2	17.36	15.3	0.0	2.3	2.3	5.5
22	16.5	24.2	20.2	79.7	18.45	16.2	0.0	0.0	0.0	1.6
23	17.0	25.4	20.8	76.4	18.47	16.2	0.0	0.2	0.2	1.9
24	17.1	23.6	19.8	87.5	20.44	17.8	0.3	0.0	0.3	1.1
25	16.7	23.0	19.3	81.7	18.14	16.0	0.1	21.3	21.4	0.2
26	15.5	20.9	17.6	90.1	18.36	16.2	0.4	1.6	2.0	0.1
27	15.5	19.1	16.5	94.7	17.87	15.7	5.5	0.0	5.5	0.0
28	14.4	23.3	19.3	77.7	16.70	14.7	0.0	0.0	0.0	3.2
29	14.0	25.1	19.7	73.9	16.63	14.6	0.0	0.0	0.0	5.6
PROM	15.9	24.1	19.7	79.3	17.89	15.7	22.6	56.1	78.7	73.8

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.988

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	15.0	24.5	19.6	77.0	17.20	15.2	0.0	0.0	0.0	2.2
2	14.7	24.9	20.1	72.2	16.18	14.1	0.0	0.0	0.0	2.5
3	15.6	25.9	20.9	72.3	17.09	15.0	0.0	0.0	0.0	4.2
4	15.6	25.7	20.3	73.8	17.17	15.1	0.0	0.0	0.0	2.9
5	14.9	25.5	20.2	69.4	15.71	13.7	0.0	0.0	0.0	4.3
6	15.4	25.5	20.3	72.5	16.62	14.6	0.0	0.0	0.0	2.7
7	15.6	26.4	20.1	69.6	15.89	13.9	0.0	0.0	0.0	3.6
8	16.4	25.1	20.3	74.5	17.45	15.4	0.0	31.4	31.4	2.7
9	15.8	20.1	16.7	94.9	18.31	16.1	27.1	11.5	38.6	0.0
10	14.7	24.0	19.2	76.8	16.77	14.7	0.0	0.0	0.0	5.0
11	15.0	25.6	20.5	69.1	16.09	14.0	0.0	0.0	0.0	7.4
12	14.8	24.8	21.1	68.9	16.24	14.2	0.0	0.0	0.0	3.8
13	15.2	25.3	20.1	68.4	15.46	13.5	0.0	0.0	0.0	5.6
14	14.8	26.8	20.5	68.1	15.88	13.9	0.0	0.0	0.0	8.0
15	15.0	27.3	20.5	72.8	17.09	15.0	0.0	0.0	0.0	8.4
16	15.1	24.4	19.5	75.4	16.75	14.7	0.0	0.0	0.0	0.4
17	14.5	25.0	19.5	75.9	16.66	14.6	0.0	0.0	0.0	3.3
18	14.8	26.0	21.0	76.3	18.26	16.1	0.0	0.0	0.0	5.4
19	15.4	27.0	21.6	73.0	18.02	15.8	0.0	0.0	0.0	6.4
20	16.0	27.4	23.1	51.5	12.58	9.5	0.0	0.0	0.0	7.1
21	16.4	30.0	25.6	60.0	19.03	16.4	0.0	0.0	0.0	7.7
22	15.4	28.0	21.5	70.0	17.25	15.1	0.0	0.0	0.0	6.8
23	15.7	26.0	20.6	71.9	16.85	14.8	0.0	0.0	0.0	3.7
24	16.4	27.0	21.7	67.9	16.63	14.5	0.0	0.0	0.0	5.6
25	15.7	28.0	22.3	69.5	16.08	15.9	0.0	0.0	0.0	6.7
26	14.9	24.4	21.2	73.9	17.77	15.6	0.0	0.0	0.0	2.8
27	16.7	24.0	21.3	71.1	17.38	15.2	0.0	0.0	0.0	0.1
28	16.0	26.3	21.4	77.4	18.92	16.5	0.0	0.0	0.0	3.8
29	16.7	24.2	19.6	80.9	18.34	16.1	0.3	0.1	0.4	0.5
30	16.8	25.1	19.8	84.3	19.35	16.9	0.8	0.0	0.8	2.4
31	16.0	27.6	21.2	73.8	17.99	15.7	0.0	18.0	18.0	4.6
PROM.	15.5	25.7	20.7	72.7	17.06	14.9	28.2	61.0	89.2	130.6

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.4	24.0	20.4	77.1	17.85	15.7	0.0	0.0	0.0	0.7
2	17.2	21.2	18.7	90.0	15.53	17.1	0.0	0.0	0.0	0.0
3	16.7	23.4	19.2	84.2	16.53	16.2	1.7	33.8	35.5	0.5
4	15.4	21.9	17.9	93.8	15.11	16.8	0.7	0.0	0.7	0.8
5	16.0	25.6	20.9	76.7	18.62	16.4	0.0	18.8	18.8	3.4
6	15.2	20.0	17.4	92.7	18.32	16.1	2.7	0.0	2.7	0.0
7	16.0	22.4	19.1	84.3	18.30	16.1	0.0	0.1	0.1	0.3
8	16.4	25.0	20.7	79.3	18.95	16.6	0.0	4.3	4.3	2.5
9	16.9	23.6	18.5	93.9	20.25	17.7	25.4	0.2	25.6	0.6
10	16.2	19.8	17.9	93.1	19.25	16.9	39.3	0.2	39.5	
11	15.8	21.7	17.9	91.1	18.71	16.5	0.0	0.2	0.2	1.0
12	16.0	23.0	18.4	85.9	18.22	16.0	0.4	26.1	26.5	1.3
13	15.3	20.0	16.6	94.6	18.09	15.9	4.2	0.0	4.2	
14	15.4	24.3	19.4	82.5	18.35	16.1	0.0	0.2	0.2	3.3
15	16.3	21.6	18.9	90.4	19.66	17.2	0.3	23.6	23.9	0.1
16	15.4	23.8	18.8	82.5	17.58	15.4	0.0	0.4	0.4	3.4
17	16.2	24.5	20.1	77.7	17.94	15.8	2.7	0.0	2.7	3.3
18	16.0	23.5	19.3	82.7	18.55	16.3	0.2	0.0	0.2	1.1
19	16.7	23.8	20.4	80.7	19.04	16.7	0.0	6.6	6.6	1.1
20	16.5	24.0	19.5	83.2	18.98	16.7	1.6	27.0	28.6	1.1
21	15.1	22.8	18.7	83.9	17.97	15.8	0.0	0.0	0.0	0.6
22	15.4	23.4	19.3	83.3	18.42	16.2	0.0	25.1	25.1	1.8
23	15.5	23.5	19.3	83.5	18.57	16.3	0.0	0.0	0.0	1.5
24	15.7	24.8	18.6	79.0	17.21	15.1	21.9	20.5	42.4	
25	14.9	24.0	19.8	82.2	18.66	16.4	0.0	0.0	0.0	5.1
26	15.8	22.6	18.6	88.0	19.09	16.8	2.6	0.7	3.3	0.3
27	15.7	23.8	19.2	82.0	18.09	15.9	0.7	0.0	0.7	3.2
28	15.6	25.8	21.3	81.4	20.23	17.7	0.0	0.0	0.0	5.8
29	16.4	23.0	19.9	86.2	20.01	17.5	0.0	0.1	0.1	0.6
30	16.0	22.6	18.9	85.3	18.49	16.3	0.7	9.2	9.9	1.4
PROM	15.9	23.1	19.1	85.0	18.69	16.4	105.1	197.1	302.2	

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.988

ALTITUD: 1.540 LATITUD: 4-16 N. LONGITUD: 75-55 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	15.8	23.6	18.8	87.3	18.97	16.7	0.1	6.8	6.9	4.0
2	16.2	24.6	19.5	76.3	16.77	14.5	1.1	0.0	1.1	2.3
3	15.7	22.4	19.0	87.0	19.62	17.2	3.6	0.0	3.6	2.5
4	16.0	19.7	17.8	93.5	19.22	16.9	5.3	0.0	5.3	1.2
5	14.7	24.0	19.7	81.4	18.30	16.0	0.0	0.0	0.0	2.5
6	16.4	23.7	18.9	91.7	20.22	17.7	3.9	0.0	3.9	2.7
7	15.7	25.0	20.0	82.6	19.27	16.9	2.5	0.1	2.6	5.5
8	15.8	25.3	19.8	81.2	18.32	16.0	1.2	0.0	1.2	5.0
9	17.0	25.1	20.8	80.1	19.38	17.0	0.0	0.0	0.0	4.2
10	17.2	23.6	18.9	85.8	19.10	16.8	2.5	0.0	2.5	1.5
11	15.0	24.0	19.1	85.1	18.89	16.6	19.7	0.0	19.7	1.9
12	16.2	23.4	18.7	86.8	18.84	16.5	1.5	0.0	1.5	1.4
13	15.1	24.1	19.3	83.6	18.72	16.5	2.3	28.6	30.9	3.9
14	15.2	23.0	18.4	82.1	17.28	15.2	2.0	0.0	2.0	6.8
15	14.4	24.6	19.4	76.0	18.51	14.4	0.0	0.0	0.0	2.9
16	15.2	24.0	19.6	80.5	18.01	15.8	0.1	0.0	0.1	2.5
17	16.0	25.6	19.1	82.0	18.08	15.9	8.3	3.8	12.1	1.6
18	16.8	23.2	19.4	82.6	18.45	16.2	0.0	1.3	1.3	2.1
19	15.7	22.4	18.9	83.9	18.25	16.0	0.4	0.0	0.4	2.0
20	16.0	21.4	18.3	86.1	18.07	15.9	0.9	0.0	0.9	1.4
21	15.4	24.3	19.6	80.3	18.32	16.0	0.2	0.1	0.3	2.9
22	16.5	23.4	19.5	82.7	18.59	16.3	0.0	0.0	0.0	4.3
23	16.6	24.2	19.7	82.7	18.98	16.7	13.5	0.0	13.5	0.9
24	15.4	24.0	19.9	78.8	18.01	15.8	0.0	0.0	0.0	4.8
25	16.9	23.4	19.5	91.0	20.77	18.1	3.9	0.9	4.8	0.5
26	16.9	22.6	18.7	88.6	19.21	16.9	2.9	0.0	2.9	0.9
27	15.4	22.0	19.2	87.4	19.43	17.0	56.0	0.0	56.0	1.9
28	15.2	22.4	18.8	83.7	17.80	15.6	0.0	0.0	0.0	2.1
29	16.0	24.5	18.9	84.6	18.57	16.3	3.7	3.0	6.7	4.1
30	13.8	23.8	19.4	73.4	16.02	14.0	0.0	0.0	0.0	5.5
31	15.4	21.7	17.8	89.2	18.18	16.0	2.4	3.7	6.1	0.0
PROM.	15.8	23.5	19.2	83.8	18.52	16.2	138.0	48.3	186.3	85.8

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	16.0	22.9	18.7	88.3	18.91	16.6	13.5	10.6	24.1	2.8
2	14.4	24.7	17.6	87.6	17.79	15.7	9.7	1.3	11.0	3.4
3	14.9	23.8	18.8	93.4	20.25	17.7	0.0	0.0	0.0	2.3
4	15.0	24.1	18.8	77.1	16.88	14.9	0.1	0.5	0.6	4.3
5	15.7	25.0	20.1	81.1	18.76	16.5	0.0	0.0	0.0	5.7
6	15.4	24.4	19.8	80.1	18.52	16.3	1.7	0.1	1.8	4.6
7	15.3	24.9	20.2	80.1	18.92	16.6	0.0	0.0	0.0	6.9
8	16.0	23.2	19.8	83.5	19.07	16.8	0.3	0.0	0.3	2.4
9	15.7	23.7	19.1	90.4	20.09	17.6	1.6	0.3	1.9	1.2
10	16.3	24.1	19.5	81.8	18.86	16.6	1.7	0.1	1.8	3.2
11	16.0	23.2	19.0	84.0	18.47	16.3	5.9	0.0	5.9	3.1
12	15.6	20.0	17.6	89.7	18.27	16.1	0.5	0.7	1.2	1.6
13	14.6	20.8	17.2	85.8	16.81	14.7	8.4	1.0	9.4	1.5
14	14.0	22.0	17.7	85.2	17.60	15.5	0.2	0.0	0.2	1.4
15	14.5	22.5	17.6	89.0	18.02	15.9	1.0	0.1	1.1	4.5
16	15.0	23.2	18.4	86.8	18.92	16.6	7.8	15.6	23.4	0.5
17	14.0	20.4	17.1	94.2	18.70	16.4	0.1	2.9	3.0	0.9
18	14.2	20.3	17.0	90.5	17.52	15.4	5.8	6.8	12.6	1.0
19	15.0	20.0	16.5	93.0	17.87	15.7	0.1	2.1	2.2	2.2
20	13.7	21.6	17.9	87.1	17.95	15.8	0.0	0.0	0.0	6.7
21	13.8	24.3	18.9	80.6	17.09	15.5	0.2	0.0	0.2	4.9
22	16.0	24.0	19.9	80.7	18.89	16.6	4.3	23.5	27.8	4.9
23	16.7	25.0	19.5	81.7	18.99	16.7	4.7	2.3	7.0	2.6
24	15.2	23.0	18.4	81.2	17.13	15.1	10.9	3.6	14.5	1.6
25	15.7	21.8	17.6	88.6	18.25	16.1	0.1	0.0	0.1	5.0
26	14.4	18.4	15.7	94.1	16.84	14.8	0.6	0.1	0.7	0.1
27	14.2	24.7	19.1	85.2	18.87	16.6	0.1	0.4	0.5	7.4
28	15.4	24.5	18.9	83.0	17.77	15.6	1.6	0.0	1.6	3.4
29	15.0	22.5	18.8	85.0	18.51	16.3	0.2	2.4	2.6	4.1
30	15.4	23.3	18.8	84.5	18.65	16.4	0.1	0.2	0.3	3.4
PROM	15.1	22.9	18.5	85.8	18.33	16.1	81.2	74.6	155.8	97.6

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.988

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

M E S - JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	14.0	22.6	18.6	87.8	18.66	16.4	0.7	0.0	0.7	2.4
2	15.4	21.8	17.8	91.2	18.89	16.5	2.6	12.1	14.7	1.6
3	14.4	19.4	15.7	92.0	16.85	14.7	7.5	6.1	13.6	0.4
4	12.6	19.2	15.4	92.5	16.33	14.3	1.7	4.8	6.5	0.5
5	12.8	19.4	15.4	95.7	16.89	14.8	6.8	22.4	29.2	0.8
6	13.5	19.8	15.8	93.5	16.85	14.8	1.1	0.9	2.0	1.2
7	12.8	19.6	16.3	91.4	17.11	15.1	1.0	1.8	2.8	2.8
8	13.5	20.6	16.8	90.8	17.33	15.2	1.8	0.0	1.8	2.1
9	14.0	21.5	16.6	87.9	16.67	14.7	0.0	0.0	0.0	4.3
10	14.0	23.4	18.9	84.5	18.41	16.2	0.0	5.5	5.5	4.2
11	15.8	23.5	19.1	84.9	18.53	16.3	0.3	0.0	0.3	6.0
12	14.8	23.4	18.4	87.5	18.77	16.5	0.3	0.0	0.3	2.8
13	15.0	24.2	19.5	74.0	16.97	14.9	0.0	0.0	0.0	7.1
14	14.7	25.8	19.8	73.6	17.05	15.0	0.0	0.0	0.0	9.3
15	15.5	24.5	19.9	75.4	17.55	15.4	0.0	0.0	0.0	6.4
16	15.0	25.0	20.3	78.6	18.61	16.4	0.0	0.0	0.0	6.9
17	15.8	24.0	19.7	79.6	18.41	16.2	0.0	0.0	0.0	5.2
18	14.7	24.5	19.3	85.2	19.14	16.8	2.2	0.0	2.2	6.1
19	15.0	23.6	18.4	86.8	18.54	16.3	0.0	0.0	0.0	4.2
20	15.4	25.0	19.2	87.1	19.43	17.0	0.4	0.0	0.4	4.9
21	15.8	23.6	18.8	84.9	18.60	16.4	0.0	0.0	0.0	2.2
22	15.7	24.5	19.4	83.8	18.74	16.5	0.0	0.2	0.2	2.3
23	15.9	23.2	18.6	87.6	18.76	16.5	0.0	0.0	0.0	2.1
24	16.0	24.5	18.8	88.2	19.49	17.1	0.9	1.0	1.9	2.7
25	15.5	24.0	19.2	85.1	19.05	16.7	0.0	2.6	2.6	3.0
26	15.3	25.0	19.1	83.1	18.29	16.1	5.7	2.7	8.4	4.6
27	14.5	24.8	19.9	83.2	19.10	16.8	0.0	0.0	0.0	6.0
28	15.0	25.0	19.3	83.1	18.56	16.3	0.0	0.0	0.0	6.6
29	15.8	24.0	18.8	85.5	18.79	16.5	2.3	0.4	2.7	2.9
30	16.0	23.6	18.2	86.8	18.43	16.2	10.3	0.2	10.5	5.5
31	15.4	23.0	19.0	84.9	18.87	16.6	0.3	0.0	0.3	2.9
PROM.	14.8	23.1	18.4	85.7	18.18	16.0	45.9	60.7	106.6	120.0

M E S - AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	15.0	23.1	18.1	83.8	17.90	15.8	4.2	0.0	4.2	3.2
2	14.8	21.8	17.9	88.1	18.03	15.9	1.8	0.8	2.6	1.3
3	15.3	22.2	18.0	88.4	18.33	16.1	0.0	2.2	2.2	2.0
4	15.5	23.2	18.6	88.5	19.05	16.8	0.0	0.0	0.0	4.0
5	15.6	24.8	18.6	83.7	17.99	15.8	0.1	0.0	0.1	5.6
6	14.4	24.6	19.2	81.0	17.87	15.6	0.0	0.0	0.0	5.8
7	14.8	22.3	17.9	87.1	18.24	16.0	0.5	7.7	8.2	3.0
8	16.8	22.5	19.1	90.3	19.92	17.4	38.1	0.5	38.6	2.2
9	14.4	23.5	17.9	87.9	18.53	16.2	0.0	0.0	0.0	6.1
10	15.5	22.6	18.4	87.7	18.86	16.6	0.1	0.0	0.1	3.3
11	14.3	24.0	17.5	88.8	18.15	16.0	15.5	1.8	17.3	5.1
12	13.7	23.5	17.4	85.1	17.01	15.0	0.1	0.0	0.1	3.7
13	15.0	24.3	19.8	81.3	18.63	16.4	0.0	0.0	0.0	5.6
14	15.3	21.0	16.9	92.9	18.40	16.2	23.4	3.0	26.4	0.9
15	13.5	23.2	18.1	85.5	17.65	15.5	0.0	0.0	0.0	5.9
16	14.5	21.8	17.9	88.1	18.14	16.0	0.0	4.8	4.8	3.1
17	14.6	20.0	17.0	91.5	17.90	15.7	11.7	4.0	15.7	0.3
18	16.5	22.5	18.5	85.9	18.71	16.4	0.7	0.0	0.7	5.4
19	14.6	23.0	17.8	86.8	18.03	15.9	1.6	3.7	5.3	2.5
20	14.3	21.5	17.2	86.7	16.93	14.9	28.3	0.9	29.2	1.3
21	15.0	21.2	17.8	91.8	18.93	16.6	19.4	6.0	25.4	0.6
22	14.8	22.3	17.4	85.5	17.12	15.1	1.7	0.0	1.7	2.3
23	14.8	24.5	19.2	85.2	19.17	16.8	0.0	0.0	0.0	6.2
24	15.8	23.7	18.5	86.7	18.83	16.6	0.2	0.0	0.2	1.7
25	14.5	23.8	18.8	81.7	17.46	15.4	0.0	0.0	0.0	4.2
26	14.8	24.3	19.1	85.1	18.70	16.4	0.1	3.2	3.3	3.1
27	15.0	20.4	16.7	88.7	16.85	14.8	0.0	0.1	0.1	2.6
28	14.4	23.0	18.0	92.1	19.25	16.8	0.8	0.0	0.8	1.5
29	15.4	23.0	18.0	86.4	17.98	15.8	1.6	8.7	10.3	1.8
30	14.0	19.8	16.7	93.4	17.82	15.7	7.7	27.5	35.2	0.3
31	13.9	17.4	15.7	95.9	17.10	15.0	3.9	0.0	3.9	0.0
PROM	14.9	22.5	18.0	87.5	18.18	16.0	161.5	74.9	236.4	94.6

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.968

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	12.5	23.5	18.0	79.4	16.41	14.4	0.8	0.6	1.4	2.6
2	15.5	23.0	17.9	83.7	17.64	15.4	0.0	0.0	0.0	3.5
3	15.4	22.6	17.7	87.6	18.15	16.0	11.9	0.0	11.9	2.7
4	13.9	24.8	19.4	82.6	18.56	16.3	6.1	0.0	6.1	6.7
5	15.0	22.5	18.4	80.8	17.39	15.3	20.9	0.0	20.9	2.3
6	13.6	24.8	18.8	86.1	18.93	16.6	18.9	0.6	19.5	6.6
7	14.4	18.6	15.7	96.2	17.43	15.3	18.9	0.0	18.9	0.2
8	13.0	20.6	17.1	83.9	16.38	14.3	0.6	3.6	4.2	0.9
9	14.8	22.8	17.8	92.5	18.80	16.5	3.7	33.8	37.5	4.2
10	14.5	20.5	17.1	92.8	18.34	16.1	0.9	0.0	0.9	0.5
11	15.5	24.5	18.7	83.7	18.11	15.9	0.2	14.9	15.1	2.5
12	14.7	20.2	17.4	91.1	18.01	15.9	0.0	21.6	21.6	0.4
13	14.6	20.5	17.2	92.2	18.24	16.0	6.5	12.7	19.2	0.0
14	14.2	22.2	17.6	86.6	17.82	15.6	0.5	0.0	0.5	0.5
15	14.9	25.5	19.6	81.7	18.75	16.5	0.2	0.0	0.2	6.5
16	13.8	24.4	18.6	84.7	18.08	15.9	0.0	0.0	0.0	4.0
17	15.0	24.7	18.5	87.4	19.03	16.7	0.3	0.6	0.9	4.0
18	16.4	23.4	18.6	86.6	18.60	16.4	1.1	13.4	14.5	2.0
19	14.4	22.5	18.6	83.1	17.85	15.7	0.0	6.8	6.8	2.0
20	15.6	22.2	18.0	89.7	18.66	16.4	1.7	6.1	7.8	3.0
21	15.0	22.4	18.3	88.7	18.72	16.5	0.0	0.0	0.0	3.2
22	14.8	23.5	18.1	87.4	18.43	16.2	5.8	28.5	34.3	5.4
23	14.9	24.5	19.4	82.7	18.44	16.2	0.0	0.0	0.0	1.8
24	15.6	24.6	19.3	83.1	19.01	16.7	0.0	0.0	0.0	3.4
25	15.5	24.0	19.8	83.1	19.48	17.1	0.0	0.0	0.0	1.7
26	16.4	24.3	18.7	86.6	19.32	16.9	0.7	0.0	0.7	4.0
27	14.5	24.2	18.8	82.6	18.05	15.9	0.0	0.0	0.0	3.8
28	15.0	25.0	20.0	84.2	19.75	17.3	0.0	0.0	0.0	2.6
29	15.7	24.0	18.3	85.8	18.38	16.2	1.1	1.9	3.0	2.6
30	15.4	20.2	16.8	89.8	17.42	15.3	9.7	0.0	9.7	0.1
PROM.	14.8	23.0	18.3	86.2	18.27	16.1	110.5	145.1	255.6	83.7

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	14.5	23.0	18.4	83.8	18.00	15.8	2.9	0.8	3.7	1.6
2	15.4	23.2	18.1	87.4	18.84	16.5	1.4	1.0	2.4	0.9
3	15.7	22.4	18.3	90.2	19.03	16.7	0.1	0.0	0.1	0.5
4	15.8	24.0	18.6	83.9	18.21	16.0	2.0	0.0	2.0	2.0
5	15.0	24.7	19.3	82.7	18.28	16.1	0.0	0.0	0.0	3.6
6	15.8	24.5	19.6	81.5	18.68	16.4	0.0	41.1	41.1	4.2
7	15.4	22.4	18.3	91.9	19.26	16.9	0.3	0.0	0.3	2.5
8	16.0	20.5	17.8	91.2	18.76	16.5	1.8	0.2	2.0	0.4
9	15.4	22.5	18.7	88.4	19.33	17.0	0.0	0.0	0.0	1.3
10	15.2	25.2	19.1	82.9	18.47	16.3	2.5	0.0	2.5	5.6
11	14.8	23.5	18.2	86.5	18.16	16.0	0.8	0.3	1.1	2.5
12	15.8	21.0	17.7	91.4	18.85	16.6	1.0	4.0	5.0	0.1
13	15.0	21.8	17.9	87.7	17.89	15.8	0.0	2.8	2.8	1.8
14	14.8	20.8	16.1	94.2	17.37	15.3	8.5	3.6	12.1	0.7
15	14.4	19.5	16.2	93.6	17.29	15.2	0.0	0.0	0.0	0.5
16	14.5	20.6	18.7	84.0	18.19	16.0	1.1	0.1	1.2	3.8
17	15.8	24.3	18.8	82.6	17.97	15.8	0.0	8.3	8.3	4.0
18	14.8	24.8	18.4	87.8	18.96	16.6	0.4	0.0	0.4	2.3
19	15.3	24.2	18.4	84.6	18.11	16.0	0.0	0.0	0.0	5.3
20	14.6	24.9	19.2	82.2	18.29	16.1	0.0	0.0	0.0	6.3
21	15.4	24.8	19.5	82.7	18.98	16.7	0.0	6.2	6.2	2.5
22	15.2	24.0	18.5	81.8	17.50	15.4	0.0	0.0	0.0	4.4
23	15.1	25.8	19.9	77.8	18.06	15.9	0.0	0.0	0.0	7.5
24	16.0	24.2	19.6	85.1	19.26	16.9	17.9	11.1	29.0	4.2
25	13.7	20.8	17.3	90.8	18.18	16.0	4.0	0.5	4.5	0.9
26	15.2	24.5	19.7	79.8	17.93	15.8	27.9	0.0	27.9	4.4
27	15.7	22.8	18.1	88.0	18.78	16.4	8.7	1.0	9.7	1.5
28	15.8	21.2	18.0	87.8	18.32	16.1	2.1	2.8	4.9	0.1
29	14.8	23.0	18.0	86.8	17.86	15.7	0.0	0.0	0.0	2.0
30	15.5	24.4	17.6	86.1	17.49	15.4	80.1	37.6	117.7	5.4
31	13.9	23.2	19.1	88.8	19.62	17.2	0.0	6.7	6.7	0.9
PROM	15.2	23.2	18.4	86.3	18.38	16.2	163.5	128.1	291.6	83.7

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.988

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	16.0	22.6	17.8	89.0	18.55	16.3	5.2	3.3	8.5	0.8
2	14.8	21.6	17.2	90.4	18.15	15.9	12.3	3.1	15.4	0.8
3	14.9	22.4	18.1	86.6	18.04	15.9	0.0	0.0	0.0	1.7
4	15.0	23.5	19.5	83.0	18.78	16.5	0.0	0.0	0.0	2.8
5	15.8	24.9	19.1	81.6	18.23	16.0	26.2	8.5	34.7	3.3
6	15.5	22.9	17.8	87.3	18.19	16.0	3.3	0.2	3.5	2.4
7	15.0	22.4	18.4	87.6	18.66	16.4	0.9	24.3	25.2	2.5
8	14.6	22.2	17.6	88.8	17.85	15.7	0.4	0.3	0.7	2.0
9	15.7	21.4	17.8	87.6	17.87	15.7	0.3	0.2	0.5	0.7
10	15.8	22.0	17.8	89.6	18.57	16.3	3.1	24.8	27.9	1.3
11	15.2	21.0	17.2	89.8	17.74	15.6	6.5	0.0	6.5	0.6
12	14.9	22.1	18.5	90.2	19.15	16.8	0.6	27.4	28.0	0.9
13	14.8	20.0	17.1	95.8	18.98	16.7	2.7	26.7	29.4	0.8
14	14.9	21.6	17.8	91.9	18.79	16.5	0.2	70.4	70.6	0.5
15	14.7	21.8	16.8	92.4	17.79	15.6	0.0	21.7	21.7	1.8
16	14.0	20.8	16.9	90.2	17.50	15.4	3.3	48.5	51.8	0.7
17	14.2	22.8	17.6	85.6	17.19	15.1	0.0	0.0	0.0	1.4
18	14.8	23.0	18.2	82.2	17.23	15.2	0.0	2.8	2.8	2.7
19	15.2	23.6	18.5	84.9	18.19	16.0	0.0	0.0	0.0	3.9
20	14.8	23.0	18.3	86.2	18.03	15.9	0.0	2.8	2.8	2.4
21	15.0	22.5	18.1	84.3	17.51	15.4	0.0	30.8	30.8	3.0
22	15.1	22.0	17.6	87.0	17.72	15.6	11.5	3.2	14.7	1.9
23	13.8	22.5	17.4	87.3	17.48	15.4	0.0	0.0	0.0	4.1
24	14.8	20.2	16.7	93.6	17.91	15.8	3.1	9.3	12.4	0.0
25	15.0	23.5	18.3	87.3	18.43	16.2	0.0	4.9	4.9	4.1
26	15.2	22.8	18.4	89.1	17.97	15.8	0.0	0.0	0.0	2.2
27	15.4	23.4	19.0	87.2	19.23	16.9	0.0	0.0	0.0	1.9
28	16.0	21.2	17.6	92.2	18.77	16.5	9.9	22.2	32.1	1.0
29	15.4	21.4	17.5	90.7	18.45	16.2	9.9	0.3	10.2	1.0
30	15.0	22.6	18.0	87.3	18.17	16.0	0.4	17.6	18.0	3.3
PROM.	15.0	22.3	17.9	88.1	18.17	16.0	99.8	353.3	453.1	56.5

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	14.8	22.0	16.7	91.8	17.67	15.5	5.9	9.8	15.7	2.6
2	14.0	20.8	16.7	91.5	17.39	15.3	0.0	10.6	10.6	3.1
3	14.1	22.0	16.1	89.8	16.72	14.7	25.9	2.6	28.5	2.0
4	14.2	21.8	17.5	87.1	17.43	15.3	0.5	10.6	11.1	0.9
5	14.0	21.0	16.8	88.2	17.03	15.0	0.0	0.0	0.0	1.6
6	14.8	21.4	17.6	88.4	17.97	15.8	0.0	1.6	1.6	2.1
7	15.0	20.0	16.1	94.6	17.71	15.6	4.4	14.4	18.8	0.0
8	14.0	21.2	16.9	81.8	15.68	13.7	0.5	1.0	1.5	3.1
9	14.6	21.0	16.9	88.5	17.27	15.2	0.3	0.0	0.3	0.0
10	15.0	23.4	17.8	84.7	17.38	15.3	0.4	0.0	0.4	2.7
11	14.9	22.5	17.9	86.2	17.82	15.7	0.0	0.0	0.0	1.4
12	15.8	23.6	18.7	86.8	18.79	16.6	0.5	0.8	1.3	4.4
13	16.0	21.8	17.7	89.0	18.24	16.1	14.8	0.7	15.5	1.0
14	15.8	20.4	17.2	91.2	18.12	16.0	2.3	0.0	2.3	0.0
15	14.7	22.3	18.0	87.3	17.95	15.8	0.0	0.0	0.0	4.9
16	15.0	22.0	18.2	83.5	17.48	15.4	0.0	0.0	0.0	3.6
17	15.2	22.2	16.9	91.8	17.81	15.7	9.8	0.0	9.8	0.6
18	14.8	23.0	18.1	84.1	17.37	15.3	0.0	1.1	1.1	4.4
19	15.0	21.4	17.7	89.1	17.97	15.8	0.0	0.0	0.0	1.3
20	15.7	23.7	18.0	81.8	16.87	14.8	0.0	0.0	0.0	3.1
21	14.5	23.2	17.9	80.2	16.29	14.3	0.0	5.1	5.1	4.1
22	15.2	21.0	16.4	85.9	16.36	14.4	2.5	0.0	2.5	1.1
23	15.5	21.4	16.7	85.2	16.27	14.3	0.0	1.4	1.4	3.3
24	14.8	21.6	17.2	83.0	16.69	14.7	0.0	3.5	3.5	0.4
25	14.9	21.7	17.8	86.2	17.69	15.6	0.0	0.0	0.0	0.6
26	14.0	22.0	17.1	85.0	16.59	14.6	18.0	5.1	23.1	1.7
27	15.2	22.5	17.3	83.7	16.94	14.9	0.0	0.0	0.0	2.4
28	14.2	21.8	16.8	85.9	16.65	14.6	1.9	6.3	8.2	1.6
29	14.8	21.2	17.0	86.8	16.98	14.9	0.3	2.9	3.2	0.0
30	15.0	21.6	17.6	86.0	17.28	15.2	28.2	27.3	55.5	2.4
31	15.4	21.3	17.3	88.5	17.70	15.6	31.8	0.0	31.8	1.0
PROM	14.8	21.8	17.3	86.9	17.29	15.2	146.0	104.8	252.8	63.4

ESTACION: HERACLIO URIBE MUNICIPIO: SEVILLA AÑO: 1.988

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	15.8	24.8	19.7	14.2	26.9	79.1	17.92	15.7	28.9	5	96.6
FEBRERO	15.9	24.1	19.7	14.0	27.3	79.3	17.89	15.7	78.7	14	73.8
MARZO	15.5	25.7	20.7	14.5	30.0	72.7	17.06	14.9	89.2	5	130.6
ABRIL	15.9	23.1	19.1	14.9	25.8	85.0	18.69	16.4	302.2	24	
MAYO	15.8	23.5	19.2	13.8	25.6	83.8	18.52	16.2	186.3	24	85.8
JUNIO	15.1	22.9	18.5	13.7	25.0	85.8	18.33	16.1	155.8	26	97.6
JULIO	14.8	23.1	18.4	12.6	25.8	85.7	18.18	16.0	106.6	20	120.0
AGOSTO	14.9	22.5	18.0	13.5	24.8	87.5	18.18	16.0	236.4	24	94.6
SEPTIEMBRE	14.8	23.0	18.3	12.5	25.5	86.2	18.27	16.1	255.6	22	83.7
OCTUBRE	15.2	23.2	18.4	13.7	25.8	86.3	18.38	16.2	291.6	23	83.7
NOVIEMBRE	15.0	22.3	17.9	13.8	24.9	88.1	18.17	16.0	453.1	23	56.5
DICIEMBRE	14.8	21.8	17.3	13.5	23.7	86.9	17.29	15.2	252.8	23	63.4
PROMEDIO	15.3	23.3	18.8	13.7	25.9	84.0	18.07	15.9			
TOTAL									2437.2	237	

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.988

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

M E S – ENERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.5	27.0	20.9	70.2	17.30	15.2	2.2	0.0	2.2	6.3
2	17.8	29.2	22.7	70.6	19.15	16.8	0.0	0.0	0.0	7.3
3	18.5	29.0	22.5	71.6	19.53	17.1	0.0	0.0	0.0	7.5
4	17.8	28.8	22.5	74.2	19.90	17.4	0.0	0.0	0.0	5.7
5	17.5	30.0	22.9	73.0	19.80	17.3	0.0	0.0	0.0	6.9
6	18.5	28.0	21.4	76.1	19.28	16.9	0.0	0.0	0.0	4.2
7	18.6	28.2	22.3	74.8	19.79	17.3	0.0	0.0	0.0	4.2
8	17.8	30.5	23.2	67.4	19.05	16.7	0.0	0.0	0.0	8.0
9	18.4	29.4	22.6	73.3	19.90	17.4	0.0	0.0	0.0	4.2
10	16.5	29.0	22.3	72.2	18.95	16.6	0.0	0.0	0.0	4.5
11	17.5	29.2	23.4	61.6	17.01	14.9	0.0	0.0	0.0	5.3
12	17.8	30.5	22.4	71.8	18.87	16.5	0.0	0.0	0.0	7.7
13	18.0	28.0	22.4	70.9	18.91	16.6	0.0	5.0	5.0	2.3
14	17.8	27.4	21.7	74.9	18.87	16.5	0.0	13.6	13.6	4.2
15	18.0	26.0	20.0	82.4	19.23	16.9	11.3	0.0	11.3	3.7
16	17.4	26.4	19.8	72.0	16.80	14.7	0.8	1.3	2.1	4.6
17	17.3	24.4	19.3	77.8	17.72	15.6	2.6	0.1	2.7	2.2
18	17.5	26.2	20.5	74.7	17.95	15.8	0.0	0.0	0.0	2.6
19	17.0	26.8	20.7	78.1	18.89	16.6	4.2	0.0	4.2	4.7
20	17.0	28.5	21.9	72.4	18.32	16.1	0.0	0.0	0.0	6.3
21	17.5	28.6	21.0	76.4	18.61	16.3	1.1	0.0	1.1	6.7
22	17.0	29.0	21.5	74.9	18.81	16.6	0.1	0.0	0.1	6.0
23	17.0	27.8	21.9	74.0	18.70	16.5	0.0	0.0	0.0	3.1
24	16.8	29.0	22.3	72.1	18.59	16.3	0.0	0.0	0.0	5.9
25	16.8	28.5	22.1	69.6	17.68	15.6	0.0	0.0	0.0	5.3
26	16.7	29.4	22.2	71.5	18.20	16.0	0.0	0.0	0.0	7.8
27	16.8	29.0	23.0	66.4	18.20	16.0	0.0	0.0	0.0	4.3
28	18.0	29.5	23.3	69.9	18.99	16.7	0.0	0.5	0.5	7.9
29	18.1	22.6	20.2	88.9	20.98	18.3	0.6	0.0	0.6	0.0
30	16.8	28.4	21.7	75.2	18.85	16.5	9.6	0.0	9.6	3.8
31	17.0	29.5	22.6	74.4	19.67	17.2	0.0	0.0	0.0	7.5
PROM.	17.5	28.2	21.9	73.4	18.79	16.5	32.5	20.5	53.0	160.7

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	17.8	30.0	23.1	72.4	19.70	17.3	0.0	0.0	0.0	5.5
2	18.0	26.5	21.8	72.8	18.81	16.9	0.0	0.0	0.0	0.6
3	17.3	29.5	22.0	70.3	17.86	15.7	0.0	2.8	2.8	6.2
4	18.0	25.5	20.8	80.3	19.54	17.2	0.0	0.0	0.0	1.9
5	17.6	27.0	21.4	75.7	18.83	16.6	0.0	0.0	0.0	1.6
6	18.0	27.4	21.7	79.5	20.39	17.8	0.1	0.0	0.1	3.2
7	17.0	28.2	22.6	74.6	19.54	17.1	0.0	0.0	0.0	4.3
8	17.2	30.5	23.4	69.2	18.69	16.3	0.0	9.9	9.9	7.1
9	16.5	22.0	19.4	89.8	20.08	17.6	8.6	0.0	8.6	1.0
10	15.4	26.5	20.3	78.5	18.12	16.0	0.0	0.0	0.0	1.4
11	17.0	24.4	19.8	83.0	18.97	16.7	4.0	0.0	4.0	0.4
12	16.8	28.0	21.5	74.5	18.54	16.3	0.0	1.2	1.2	4.6
13	18.2	27.0	22.1	77.1	19.94	17.4	0.2	0.0	0.2	2.8
14	18.0	28.3	23.0	69.8	19.17	16.8	0.0	0.0	0.0	3.9
15	17.4	28.8	22.3	72.9	18.87	16.5	0.0	0.0	0.0	6.2
16	18.2	28.7	22.7	70.7	18.80	16.4	0.0	0.0	0.0	5.5
17	18.0	28.4	22.5	72.2	19.10	16.7	0.0	0.0	0.0	6.0
18	18.6	29.3	22.8	71.4	19.34	17.0	0.0	0.0	0.0	5.7
19	18.0	29.5	23.1	71.2	19.41	17.0	0.0	0.0	0.0	8.2
20	18.0	29.4	23.0	70.0	18.82	16.4	0.0	0.0	0.0	6.6
21	17.5	29.0	22.5	68.8	18.09	15.9	0.0	0.0	0.0	5.5
22	18.8	27.6	23.0	74.9	20.42	17.8	0.0	0.0	0.0	1.8
23	19.0	26.0	22.6	77.6	20.78	18.1	0.0	0.0	0.0	0.8
24	19.0	26.4	21.7	81.6	21.06	18.3	0.0	0.0	0.0	1.9
25	17.5	25.8	21.4	76.6	18.97	16.7	0.0	2.9	2.9	1.4
26	17.2	24.8	19.6	86.8	19.63	17.2	2.1	1.8	3.9	0.8
27	17.0	21.8	19.1	92.3	20.19	17.7	6.1	0.0	6.1	0.2
28	15.8	26.0	20.9	74.6	17.67	15.6	0.0	0.0	0.0	5.0
29	16.0	28.5	22.1	67.5	16.93	14.9	0.0	0.0	0.0	7.8
PROM	17.5	27.3	21.8	75.7	19.18	16.8	21.1	18.6	39.7	107.9

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.988

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	18.2	27.2	22.0	70.7	18.16	15.9	0.0	0.0	0.0	3.1
2	16.5	29.6	22.6	69.3	17.92	15.7	0.0	0.0	0.0	8.1
3	18.0	29.2	24.1	65.2	18.51	16.3	0.0	0.0	0.0	6.9
4	17.0	28.8	22.3	69.3	17.79	15.6	0.0	0.0	0.0	6.3
5	16.8	29.5	22.5	65.6	17.02	14.9	0.0	0.0	0.0	6.3
6	17.0	28.6	22.0	68.9	17.56	15.5	0.0	0.0	0.0	4.9
7	17.8	29.4	23.5	66.6	18.08	15.9	0.0	0.0	0.0	5.5
8	18.4	26.0	21.7	81.6	20.65	18.0	1.8	9.0	10.8	2.3
9	16.8	20.5	18.5	95.0	20.10	17.6	36.9	5.2	42.1	0.0
10	16.5	27.4	21.7	72.8	17.78	15.7	0.0	0.0	0.0	7.3
11	16.3	28.4	23.4	64.7	17.17	15.1	0.0	0.0	0.0	8.1
12	16.2	29.2	22.7	69.0	17.71	15.6	0.0	0.0	0.0	7.6
13	17.2	27.8	22.4	68.8	17.65	15.5	0.0	0.0	0.0	7.2
14	15.7	28.4	21.9	67.1	16.56	14.6	0.0	0.0	0.0	8.2
15	15.6	28.0	21.9	67.5	17.08	15.0	0.0	0.0	0.0	8.9
16	16.0	26.3	20.5	78.2	18.50	16.2	3.5	0.0	3.5	1.5
17	16.7	28.3	22.1	70.7	18.09	15.9	0.0	0.0	0.0	5.1
18	16.8	30.0	22.8	71.2	18.89	16.6	0.0	0.0	0.0	8.1
19	16.9	30.1	23.3	71.4	19.58	17.1	0.0	0.0	0.0	8.6
20	16.8	29.8	23.0	63.1	17.31	15.2	0.0	0.0	0.0	6.1
21	17.4	32.2	23.4	63.5	17.24	15.0	0.0	0.0	0.0	8.9
22	17.5	29.4	22.7	69.5	18.58	16.3	0.0	0.0	0.0	7.8
23	18.0	29.0	22.4	70.0	18.39	16.1	0.0	0.0	0.0	7.0
24	17.8	30.4	23.2	66.3	17.92	15.7	0.0	0.0	0.0	7.8
25	17.5	30.3	22.8	69.5	18.41	16.1	0.0	0.0	0.0	7.5
26	16.4	26.6	21.6	72.9	18.35	16.1	0.0	0.0	0.0	3.5
27	18.5	26.0	22.0	74.4	19.47	17.1	0.0	0.0	0.0	0.8
28	18.4	28.0	23.1	68.5	18.57	16.3	0.0	0.0	0.0	2.4
29	18.5	27.0	22.3	75.1	19.74	17.3	0.0	0.0	0.0	1.2
30	18.7	29.4	22.5	73.5	19.36	16.9	0.0	0.0	0.0	4.2
31	17.8	29.8	23.5	69.2	19.04	16.7	0.0	0.0	0.0	5.7
PROM.	17.2	28.4	22.4	70.6	18.30	16.0	42.2	14.2	56.4	176.9

M E S - ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.8	28.4	22.8	71.1	18.89	16.6	0.0	16.1	16.1	3.6
2	18.0	23.0	19.5	91.7	20.58	17.9	11.4	13.1	24.5	
3	17.8	26.4	21.7	77.6	19.61	17.2	0.0	9.0	9.0	3.1
4	17.7	21.8	19.5	90.0	20.23	17.7	2.0	0.0	2.0	0.0
5	16.8	29.0	22.9	72.6	19.59	17.1	0.0	39.7	39.7	
6	17.0	21.8	18.7	90.0	19.42	17.1	3.6	0.0	3.6	0.0
7	17.5	25.5	21.3	76.9	19.12	16.8	0.0	0.0	0.0	1.0
8	17.3	28.0	22.4	74.2	19.63	17.2	0.0	8.6	8.6	4.1
9	18.0	25.4	20.9	84.7	20.93	18.2	2.0	4.7	6.7	2.4
10	17.4	22.5	19.2	93.7	21.13	18.4	5.0	6.4	11.4	0.4
11	17.5	24.0	19.7	84.9	19.68	17.2	20.4	0.0	20.4	1.0
12	17.0	24.8	20.0	83.2	19.67	17.2	26.6	5.3	31.9	1.4
13	16.5	22.4	18.9	87.9	19.28	16.9	9.2	0.0	9.2	0.0
14	15.7	27.0	20.7	81.2	19.46	17.1	0.0	0.0	0.0	5.2
15	18.0	24.0	20.6	88.2	21.25	18.5	1.5	1.2	2.7	0.8
16	17.5	25.8	20.9	77.6	18.98	16.7	0.0	0.0	0.0	2.4
17	17.0	27.0	22.1	72.4	18.65	16.4	0.0	3.1	3.1	0.6
18	17.0	27.0	21.6	77.0	19.47	17.1	0.0	0.0	0.0	2.9
19	17.8	27.8	22.3	73.8	19.21	16.9	0.0	0.0	0.0	4.8
20	18.0	27.0	21.7	80.0	20.45	17.8	0.0	9.3	9.3	1.2
21	17.8	25.0	20.6	83.5	19.91	17.4	0.9	0.1	1.0	1.1
22	16.5	25.2	20.5	80.3	19.09	16.8	2.4	1.4	3.8	4.1
23	17.3	25.0	20.2	83.0	19.55	17.2	0.0	0.0	0.0	2.9
24	16.5	28.4	21.9	78.7	20.08	17.4	0.2	32.4	32.6	6.2
25	16.5	26.0	20.3	77.5	18.48	16.3	0.0	0.0	0.0	4.2
26	18.0	25.0	20.0	87.1	20.26	17.7	1.0	0.1	1.1	2.4
27	18.0	25.5	20.7	83.4	20.22	17.7	58.9	0.0	58.9	3.1
28	17.7	25.6	20.2	79.2	18.90	16.6	0.0	0.0	0.0	7.6
29	17.5	21.5	17.8	85.3	18.07	15.8	77.3	0.0	77.3	0.9
30	16.5	25.0	21.8	82.9	21.41	18.6	0.3	4.1	4.4	1.9
PROM	17.3	25.4	20.7	81.7	19.71	17.3	222.7	154.6	377.3	

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.988

ALTITUD: 1.380 LATITUD: 4-10 N. LONGITUD: 76-21 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	17.0	24.6	19.3	82.7	18.68	16.4	0.0	5.5	5.5	3.1
2	17.0	26.5	21.8	74.8	18.87	16.6	0.0	0.0	0.0	3.2
3	17.0	20.7	19.3	89.7	20.02	17.5	23.3	0.0	23.3	3.4
4	17.4	24.0	20.0	90.5	21.22	18.4	2.1	0.0	2.1	1.0
5	15.2	27.0	21.1	83.3	20.59	17.8	0.0	0.0	0.0	5.6
6	16.6	26.3	20.9	78.5	19.18	16.8	0.0	0.0	0.0	2.8
7	16.6	25.8	21.7	80.1	20.26	17.7	0.0	0.0	0.0	3.9
8	16.8	24.0	20.0	78.5	18.14	16.0	0.0	0.0	0.0	4.1
9	17.5	27.0	22.1	67.2	17.88	15.7	0.0	0.2	0.2	5.0
10	18.0	27.1	21.4	80.1	20.26	17.7	0.0	0.0	0.0	3.3
11	16.0	26.6	20.1	79.9	18.99	16.7	0.0	0.0	0.0	2.9
12	18.0	25.5	21.2	80.2	19.74	17.3	4.6	0.0	4.6	3.0
13	16.6	25.4	20.6	79.2	18.97	16.7	0.0	2.7	2.7	2.2
14	17.4	23.1	20.2	87.3	20.54	17.9	0.5	0.0	0.5	0.8
15	15.5	26.8	21.8	81.6	20.96	18.2	0.0	0.0	0.0	5.6
16	17.4	28.0	22.4	75.8	20.32	17.7	0.0	0.0	0.0	6.8
17	18.5	28.0	22.7	81.4	22.52	19.4	3.1	5.3	8.4	5.0
18	17.5	25.0	21.4	78.0	19.65	17.2	0.0	1.0	1.0	3.1
19	17.5	27.0	21.2	79.5	19.88	17.4	0.3	0.0	0.3	3.7
20	17.4	25.5	20.9	80.1	19.96	17.5	0.0	0.0	0.0	1.2
21	16.4	25.3	20.2	78.5	18.20	15.8	0.4	0.0	0.4	3.1
22	17.5	27.4	22.1	76.3	19.65	17.0	0.0	0.0	0.0	4.7
23	17.4	28.0	20.2	83.7	20.12	17.6	8.8	0.0	8.8	1.7
24	16.5	26.3	21.5	79.4	19.88	17.4	0.0	0.0	0.0	4.1
25	17.5	26.0	21.6	78.8	20.07	17.6	0.0	3.9	3.9	0.3
26	18.3	22.0	19.6	93.7	21.38	18.6	3.5	1.7	5.2	0.0
27	16.3	25.3	20.0	84.4	19.89	17.4	0.0	32.7	32.7	2.1
28	16.5	24.3	19.7	83.1	18.86	16.6	0.1	0.0	0.1	1.9
29	17.3	27.1	20.4	75.7	18.14	15.9	2.7	1.8	4.5	5.4
30	15.3	25.3	20.5	77.2	18.22	16.0	0.0	0.0	0.0	5.5
31	15.5	24.0	19.3	85.4	19.25	16.9	0.2	1.1	1.3	0.5
PROM.	16.9	25.6	20.8	80.8	19.69	17.2	49.6	55.9	105.5	99.0

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	17.0	26.0	20.3	78.1	18.41	16.2	15.0	31.4	46.4	1.1
2	16.0	26.5	20.0	80.8	18.56	16.3	0.1	0.6	0.7	3.2
3	17.0	24.5	20.0	84.4	19.67	17.3	0.0	0.0	0.0	0.0
4	16.7	26.0	20.4	76.6	18.15	15.9	0.0	0.0	0.0	5.0
5	17.0	26.8	21.6	74.4	18.69	16.4	0.0	0.0	0.0	6.9
6	17.0	27.5	20.8	79.5	19.30	16.9	0.0	0.0	0.0	4.5
7	16.5	27.5	21.9	80.4	20.71	18.0	0.0	0.0	0.0	5.8
8	16.8	25.5	20.7	78.8	19.21	16.9	0.0	0.0	0.0	0.2
9	16.5	25.5	21.0	81.7	20.17	17.6	0.0	0.0	0.0	2.4
10	17.0	26.5	21.2	78.1	19.54	17.1	0.6	0.0	0.6	4.2
11	17.5	24.7	21.1	83.8	20.86	18.2	0.0	0.0	0.0	0.8
12	17.5	24.5	20.4	78.4	18.75	16.5	2.1	3.8	5.9	1.4
13	17.0	26.0	20.7	85.1	20.79	18.1	0.5	0.6	1.1	3.8
14	16.5	25.6	20.0	83.4	19.70	17.3	0.0	2.6	2.6	3.1
15	16.0	28.5	20.1	82.2	19.73	17.2	0.0	0.0	0.0	4.9
16	15.5	24.0	19.5	84.1	19.13	16.8	0.0	5.0	5.0	1.9
17	17.0	23.3	18.7	85.6	18.39	16.2	0.9	0.0	0.9	0.5
18	17.0	21.5	18.3	87.3	18.48	16.2	5.7	8.1	13.8	0.3
19	14.7	21.5	18.7	82.6	17.68	15.6	0.0	0.0	0.0	3.5
20	16.5	26.0	20.3	75.8	17.98	15.8	0.0	0.0	0.0	3.9
21	17.5	27.5	20.4	80.8	19.68	17.3	0.0	0.0	0.0	5.1
22	17.5	27.5	20.2	80.5	19.14	16.8	0.0	5.4	5.4	3.6
23	17.0	25.0	20.3	83.4	19.45	17.1	0.0	0.0	0.0	2.4
24	17.5	21.6	18.3	91.8	19.95	17.4	7.3	2.1	9.4	0.2
25	16.5	19.0	17.7	90.6	18.32	16.1	3.3	0.0	3.3	0.0
26	14.7	24.5	19.1	82.3	18.08	15.9	0.0	0.0	0.0	2.5
27	16.8	27.0	21.5	72.5	18.39	16.2	0.0	0.0	0.0	5.6
28	16.5	25.4	21.0	75.2	18.58	16.3	0.0	0.0	0.0	3.1
29	15.6	27.0	19.9	80.4	18.75	16.5	16.7	0.7	17.4	4.0
30	16.0	26.0	20.3	75.9	17.88	15.7	0.0	1.1	1.1	5.1
PROM	16.6	25.3	20.1	81.2	19.07	16.7	52.2	61.4	113.6	89.0

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.988

ALTITUD: 1.360 LATITUD: 4-10 N. LONGITUD: 76-21 W.

M E S – JULIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	17.3	25.5	19.9	83.9	19.54	17.1	0.1	0.0	0.1	4.0
2	16.5	23.5	19.6	79.7	18.17	16.0	3.5	5.3	8.8	1.7
3	16.5	22.8	19.8	87.2	20.29	17.7	5.7	5.6	11.3	0.8
4	14.8	17.6	16.3	93.8	17.38	15.3	6.6	4.7	11.3	0.4
5	15.5	22.5	17.4	86.1	17.31	15.2	14.0	12.5	26.5	1.2
6	15.7	22.5	19.9	82.6	18.88	16.6	0.4	0.4	0.8	2.7
7	14.5	25.0	19.6	80.3	18.46	16.2	0.0	0.0	0.0	4.0
8	17.4	25.5	20.3	78.1	18.93	16.6	0.2	0.1	0.3	3.7
9	16.8	26.0	21.0	74.1	18.72	16.3	0.0	0.0	0.0	4.1
10	16.8	25.0	21.1	80.2	20.16	17.6	0.0	0.2	0.2	4.6
11	17.0	25.5	20.5	78.5	18.65	16.4	0.0	0.0	0.0	4.7
12	17.5	25.8	21.1	78.3	19.75	17.3	0.0	25.2	25.2	4.7
13	16.3	27.0	21.2	71.1	17.52	15.4	0.0	0.0	0.0	7.2
14	14.5	28.5	21.2	63.1	15.39	13.4	0.0	0.0	0.0	7.8
15	16.7	27.0	21.1	75.2	18.15	15.9	0.0	0.0	0.0	5.8
16	16.0	27.5	21.3	71.8	17.53	15.5	0.0	0.0	0.0	7.1
17	17.0	26.5	21.3	69.9	17.75	15.6	0.0	0.0	0.0	5.0
18	15.5	27.0	21.6	75.9	18.78	16.5	0.0	0.0	0.0	5.2
19	17.5	27.0	20.3	79.6	19.00	16.7	0.0	0.0	0.0	4.9
20	16.0	27.0	22.0	71.2	18.60	16.4	0.0	0.0	0.0	4.3
21	16.5	26.5	19.3	87.1	19.93	17.4	31.3	0.0	31.3	3.5
22	16.0	27.1	21.0	73.8	17.74	15.6	0.0	0.1	0.1	5.3
23	16.5	24.6	20.1	75.5	17.66	15.5	0.0	0.0	0.0	2.1
24	16.4	25.4	21.3	80.2	19.91	17.4	0.3	5.8	6.1	2.9
25	16.7	25.5	20.5	77.4	18.28	16.1	3.4	0.4	3.8	5.4
26	16.4	26.7	19.4	82.3	18.49	16.3	0.0	0.0	0.0	5.0
27	16.8	26.0	20.7	82.3	19.94	17.5	0.0	0.0	0.0	5.5
28	17.0	28.5	21.3	74.4	18.51	16.3	0.0	0.0	0.0	7.3
29	18.0	28.5	21.2	76.4	19.35	16.9	0.0	0.0	0.0	5.4
30	16.5	27.0	21.0	75.1	18.29	16.1	0.0	5.0	5.0	6.0
31	16.8	26.5	20.7	77.9	18.55	16.3	0.5	0.0	0.5	6.5
PROM.	16.4	25.7	20.4	78.2	18.57	16.3	66.0	65.3	131.3	138.8

M E S – AGOSTO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.7	26.0	20.7	76.7	18.36	16.1	1.3	3.6	4.9	4.2
2	16.0	26.0	20.8	78.5	18.75	16.5	5.2	0.0	5.2	2.0
3	17.0	26.5	19.7	86.4	19.84	17.4	0.0	0.1	0.1	3.8
4	17.5	26.3	20.5	75.8	18.77	16.5	0.3	0.0	0.3	4.5
5	17.8	28.0	21.0	77.0	18.94	16.6	0.7	0.0	0.7	5.5
6	16.0	28.0	21.7	71.9	18.56	16.3	0.0	0.0	0.0	4.7
7	17.4	26.3	19.4	88.6	20.17	17.6	7.6	6.0	13.6	3.3
8	16.7	24.8	19.6	82.8	18.75	16.5	0.4	0.0	0.4	4.1
9	16.0	25.7	20.7	76.6	18.32	16.1	7.0	0.2	7.2	6.8
10	17.0	24.4	20.3	81.8	19.44	17.1	0.0	0.0	0.0	1.6
11	16.1	26.3	20.8	72.5	17.45	15.3	0.0	0.0	0.0	7.0
12	15.6	26.4	19.6	80.7	18.29	16.1	1.3	0.8	2.1	3.5
13	14.7	26.8	20.6	75.7	17.95	15.8	0.0	0.0	0.0	6.3
14	16.5	25.0	18.9	86.5	19.16	16.8	4.2	0.0	4.2	1.5
15	15.5	26.8	22.4	70.3	17.99	15.7	0.0	0.0	0.0	6.7
16	16.3	26.0	21.3	75.6	18.15	15.9	0.0	0.1	0.1	2.1
17	17.0	24.0	19.7	89.6	20.97	18.1	3.5	0.0	3.5	1.5
18	17.0	24.0	20.0	79.9	18.69	16.4	0.0	0.0	0.0	3.9
19	17.0	24.1	20.3	79.4	18.82	16.5	0.0	17.8	17.8	1.1
20	16.5	25.5	19.9	80.7	18.48	16.2	0.1	0.0	0.1	4.3
21	16.4	22.2	18.2	90.4	19.11	16.7	0.0	0.0	0.0	0.7
22	16.5	25.5	21.0	79.2	19.11	16.7	0.0	0.0	0.0	5.0
23	16.5	26.7	21.2	74.4	18.19	16.0	0.0	0.0	0.0	4.0
24	17.5	25.5	20.8	77.2	18.63	16.4	0.0	0.0	0.0	3.1
25	15.4	26.0	20.4	81.8	18.95	16.5	0.1	2.4	2.5	5.5
26	15.5	25.5	20.2	80.8	18.60	16.3	0.2	11.1	11.3	2.5
27	15.7	24.0	19.0	88.5	19.07	16.7	0.0	0.0	0.0	2.3
28	15.5	24.8	19.5	82.2	18.25	16.0	0.0	0.0	0.0	3.5
29	14.6	26.0	19.1	81.7	17.90	15.7	3.4	2.4	5.8	3.1
30	15.5	22.5	18.3	85.3	17.65	15.5	2.4	0.0	2.4	1.0
31	16.5	19.6	17.3	91.0	18.18	16.0	3.1	0.0	3.1	0.0
PROM	16.3	25.3	20.1	80.6	18.69	16.4	40.8	44.5	85.3	109.1

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.988

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	15.0	25.5	20.4	76.0	17.68	15.5	0.0	0.0	0.0	5.0
2	16.5	26.0	21.7	77.5	19.52	17.1	0.0	0.0	0.0	4.1
3	17.5	26.4	20.1	80.4	19.14	16.8	54.6	0.0	54.6	5.3
4	15.4	26.2	20.0	76.4	17.43	15.4	0.3	0.0	0.3	
5	16.5	25.0	19.8	80.9	18.90	16.6	0.7	0.0	0.7	3.3
6	15.0	28.0	19.9	79.7	18.60	16.3	8.2	0.4	8.6	6.1
7	16.5	20.5	17.9	89.1	18.37	16.2	10.8	0.0	10.8	0.0
8	14.8	24.4	19.1	88.5	19.53	17.0	0.0	0.0	0.0	3.1
9	16.0	25.0	19.9	82.1	19.07	16.8	4.8	0.0	4.8	3.2
10	16.8	23.0	19.0	87.8	19.38	17.0	0.0	0.0	0.0	0.6
11	16.5	21.8	18.4	85.0	17.87	15.7	1.9	16.8	18.7	2.9
12	16.4	22.2	19.5	86.4	19.39	17.0	0.1	2.4	2.5	0.7
13	16.0	23.2	19.7	83.5	18.84	16.5	35.8	3.8	39.6	0.0
14	16.4	25.0	19.8	81.9	18.77	16.5	0.1	0.0	0.1	1.8
15	17.0	26.8	20.1	79.9	18.69	16.4	0.0	0.0	0.0	6.3
16	15.6	27.0	21.0	77.1	19.33	17.0	0.0	0.0	0.0	5.1
17	17.5	26.5	19.6	83.8	19.78	17.3	0.9	10.8	11.7	5.1
18	17.0	23.4	18.2	87.2	18.63	16.3	1.3	10.0	11.3	1.6
19	16.4	24.4	20.2	79.6	18.57	16.3	0.0	0.3	0.3	2.8
20	17.5	26.5	21.1	76.9	18.97	16.7	0.0	7.3	7.3	4.6
21	17.0	26.0	20.8	78.5	19.06	16.8	0.0	0.0	0.0	5.1
22	16.5	25.4	20.2	80.0	18.85	16.6	0.0	0.0	0.0	4.5
23	16.2	26.5	21.0	75.6	18.24	16.0	1.1	0.0	1.1	7.2
24	17.0	27.2	21.7	80.7	20.75	18.1	2.5	0.0	2.5	3.4
25	16.5	26.0	21.8	78.2	20.38	17.8	0.0	0.0	0.0	4.2
26	17.8	26.2	20.2	84.3	20.19	17.7	0.0	0.0	0.0	2.8
27	15.8	27.4	20.8	75.8	18.18	16.0	0.0	0.0	0.0	7.3
28	16.5	27.3	21.8	75.0	19.20	16.9	0.0	2.7	2.7	6.9
29	16.8	26.4	19.9	83.4	19.24	16.9	4.0	0.0	4.0	5.0
30	17.0	22.6	19.0	88.1	19.40	17.0	15.4	0.0	15.4	0.7
PROM.	16.4	25.3	20.1	81.3	19.00	16.7	142.5	54.5	197.0	

M E S - OCTUBRE

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	26.8	20.1	87.6	20.67	18.0	1.1	12.4	13.5	2.2
2	17.0	23.2	20.3	83.4	19.61	17.2	0.5	0.0	0.5	0.3
3	16.4	25.5	20.2	81.1	18.95	16.6	0.0	0.6	0.6	1.3
4	16.5	25.4	20.7	77.5	18.73	16.5	0.0	0.0	0.0	3.1
5	16.0	25.5	20.2	79.7	18.71	16.4	0.0	0.0	0.0	3.2
6	16.5	26.4	21.3	76.0	18.95	16.7	0.0	37.9	37.9	5.3
7	17.0	25.0	20.3	83.1	19.73	17.3	8.1	6.1	14.2	3.2
8	17.5	22.6	19.8	88.8	20.56	17.9	0.0	0.0	0.0	0.0
9	16.8	25.4	20.4	79.9	19.18	16.9	0.0	0.0	0.0	4.7
10	16.0	28.5	21.8	72.1	18.43	16.2	0.0	0.0	0.0	5.4
11	17.5	26.0	21.3	77.8	19.64	17.2	0.0	3.7	3.7	2.2
12	17.2	22.5	19.0	88.5	19.53	17.2	8.2	0.0	8.2	0.1
13	17.0	23.2	19.8	84.2	19.32	17.0	0.0	7.9	7.9	2.4
14	16.8	21.4	18.4	90.6	19.04	16.7	21.0	0.0	21.0	0.4
15	16.6	21.8	18.3	87.3	18.43	16.2	3.7	0.1	3.8	0.3
16	16.0	25.2	20.3	79.2	18.52	16.3	0.0	0.0	0.0	2.6
17	17.6	25.0	20.1	80.8	18.94	16.6	5.1	24.3	29.4	3.6
18	16.0	22.5	19.6	87.9	19.78	17.3	1.6	1.0	2.6	0.1
19	17.5	26.0	21.0	78.7	19.29	16.9	0.5	0.0	0.5	5.4
20	16.0	24.8	20.7	78.6	18.71	16.5	0.0	0.0	0.0	7.3
21	16.8	26.5	21.4	73.4	18.14	16.0	0.0	3.8	3.8	5.0
22	17.8	25.0	21.2	81.1	20.07	17.5	0.4	0.0	0.4	2.9
23	16.5	28.0	21.8	76.3	19.40	17.0	0.0	0.0	0.0	7.1
24	17.8	28.2	21.3	73.4	18.70	16.4	0.0	0.0	0.0	5.3
25	14.8	24.5	19.5	80.5	17.98	15.8	0.0	1.0	1.0	3.6
26	16.5	26.5	21.4	76.7	19.10	16.8	9.6	0.0	9.6	4.6
27	16.4	25.2	19.6	84.7	19.51	17.1	0.0	0.0	0.0	1.9
28	15.8	23.0	19.4	88.0	19.81	17.3	16.4	0.0	16.4	0.9
29	16.2	26.4	20.3	83.5	19.70	17.3	17.5	0.0	17.5	4.1
30	16.5	26.5	19.8	85.1	19.76	17.3	2.9	4.9	7.8	5.4
31	16.3	25.5	20.5	79.2	18.92	16.6	0.0	6.1	6.1	4.2
PROM	16.6	25.1	20.3	81.4	19.22	16.9	96.6	109.8	206.4	98.1

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.988

ALTITUD: 1.380 LATITUD: 4-10 N. LONGITUD: 76-21 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	17.5	23.8	18.8	93.2	20.37	17.8	28.1	0.8	28.9	0.6
2	17.0	23.0	19.2	87.6	19.60	17.2	8.5	12.5	21.0	1.4
3	16.8	25.2	19.8	82.2	18.71	16.4	0.0	0.0	0.0	3.1
4	16.5	26.0	21.1	82.4	20.48	17.5	0.0	0.0	0.0	7.1
5	16.8	26.8	21.0	82.7	20.65	18.0	7.0	7.7	14.7	3.9
6	16.5	23.6	19.6	85.4	19.63	17.2	11.6	1.0	12.6	2.3
7	16.8	26.4	20.6	83.1	20.19	17.6	0.0	45.3	45.3	2.9
8	16.5	25.5	20.3	80.5	19.06	16.7	0.0	3.5	3.5	2.8
9	17.0	25.3	20.4	80.4	19.11	16.7	0.0	26.1	26.1	1.2
10	17.3	24.8	19.5	82.5	18.64	16.4	0.0	33.5	33.5	3.2
11	17.5	25.0	19.3	87.0	19.62	17.2	2.0	0.0	2.0	1.5
12	17.0	25.8	20.7	78.5	19.03	16.7	1.2	7.3	8.5	2.5
13	17.4	23.6	19.3	87.7	19.95	17.4	37.0	0.3	37.3	0.7
14	17.5	24.0	19.6	84.5	19.68	17.2	17.0	3.5	20.9	2.6
15	16.5	23.5	19.2	86.5	19.13	16.8	1.6	18.3	19.9	0.5
16	16.4	24.2	19.5	81.4	18.10	15.5	0.0	100.3	100.3	1.1
17	16.8	23.4	19.0	85.5	18.91	16.7	5.8	0.0	5.8	1.7
18	15.6	26.2	19.6	81.5	18.80	16.5	0.0	6.1	6.1	4.8
19	16.0	24.6	19.3	83.5	18.88	16.6	9.7	0.0	9.7	2.9
20	15.4	24.0	19.8	77.6	17.77	15.7	0.0	11.6	11.6	4.2
21	16.0	24.5	19.4	86.7	19.29	16.5	2.6	23.6	26.2	3.3
22	17.0	22.6	19.3	88.1	19.67	17.2	11.7	0.0	11.7	0.5
23	15.0	25.4	20.0	79.5	18.19	16.0	0.0	0.0	0.0	5.7
24	16.8	25.0	20.1	81.5	18.80	16.5	16.4	0.5	17.3	2.3
25	17.0	26.0	20.3	82.0	19.27	16.5	0.5	3.7	4.2	4.5
26	16.8	25.0	20.1	81.5	18.91	16.6	0.0	0.0	0.0	3.6
27	17.0	25.8	20.4	80.0	18.96	16.7	0.0	0.0	0.0	5.4
28	16.5	24.5	20.2	83.3	19.55	17.1	0.0	13.0	13.0	0.1
29	17.8	24.6	20.0	79.6	18.61	16.3	12.9	0.1	13.0	1.6
30	17.6	25.0	19.6	84.0	19.21	16.5	6.8	0.0	6.8	2.7
PROM.	16.7	24.8	19.8	83.4	19.23	16.9	180.4	319.5	499.9	80.7

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	16.8	24.8	19.3	84.4	19.10	16.8	41.2	25.1	66.3	1.9
2	15.8	23.2	18.4	84.3	18.01	15.9	3.2	10.4	13.6	3.2
3	16.2	23.0	18.8	84.6	18.16	15.9	2.1	0.1	2.2	1.0
4	15.0	24.0	19.3	85.5	19.17	16.8	11.6	39.3	50.9	4.1
5	15.5	23.5	19.2	86.1	19.19	16.9	0.7	0.0	0.7	3.4
6	16.6	24.0	19.8	80.4	18.41	16.2	0.0	0.0	0.0	3.1
7	17.0	23.0	18.5	90.2	19.31	16.9	7.2	21.1	28.3	1.5
8	15.8	23.1	18.9	82.9	17.81	15.7	0.5	0.0	0.5	2.1
9	16.0	25.5	19.7	82.0	18.51	16.3	0.0	0.0	0.0	3.9
10	15.8	26.4	20.8	78.4	18.78	16.5	0.0	0.0	0.0	6.6
11	16.0	26.8	21.3	79.5	19.66	17.2	0.0	0.0	0.0	5.4
12	16.8	27.5	20.9	82.0	20.03	17.5	0.3	0.0	0.3	5.6
13	16.9	25.0	20.4	85.0	20.54	17.9	1.0	6.3	7.3	4.2
14	17.5	22.4	19.3	89.5	20.12	17.6	0.0	0.0	0.0	0.6
15	16.0	27.0	20.6	77.6	18.48	16.2	0.0	0.0	0.0	5.4
16	17.0	27.2	20.5	75.2	18.24	16.1	0.0	0.0	0.0	5.2
17	17.5	25.8	20.2	79.3	18.96	16.7	10.0	0.0	10.0	3.6
18	16.0	25.0	19.9	77.8	17.99	15.6	1.0	0.0	1.0	4.6
19	16.8	25.4	19.8	82.4	19.19	16.9	0.0	0.0	0.0	3.5
20	16.5	26.0	20.6	74.0	17.74	15.6	0.0	0.0	0.0	5.5
21	15.5	27.6	20.7	79.4	19.52	17.1	0.0	0.0	0.0	7.4
22	17.0	26.0	20.4	79.1	19.02	16.7	0.0	0.5	0.5	1.8
23	15.5	25.5	20.0	79.0	18.24	16.1	0.0	0.0	0.0	2.9
24	16.2	24.2	18.9	88.3	19.26	16.9	8.7	0.0	8.7	2.2
25	15.7	23.8	19.2	81.8	18.08	15.9	4.5	0.3	4.3	2.1
26	16.2	24.5	19.6	80.8	18.47	16.3	0.0	0.0	0.0	2.8
27	16.5	27.0	20.2	78.8	18.32	16.1	0.0	13.7	13.7	4.9
28	16.0	24.6	20.3	78.7	18.44	16.2	0.0	26.0	26.0	3.4
29	16.8	24.2	19.3	81.4	18.18	16.0	4.0	18.4	22.4	1.7
30	17.0	26.0	19.9	82.9	19.18	16.9	1.2	2.4	3.6	5.2
31	16.2	24.2	19.4	82.9	18.88	16.6	28.8	0.0	28.8	3.1
PROM	16.3	25.0	19.8	81.8	18.81	16.5	120.0	169.6	289.6	112.1

ESTACION: MANUEL MALLARINO MUNICIPIO: TRUJILLO AÑO: 1.988

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	17.5	28.2	21.9	16.5	30.5	73.4	18.79	16.5	53.0	12	160.7
FEBRERO	17.5	27.3	21.8	15.4	30.5	75.7	19.18	16.8	39.7	10	107.9
MARZO	17.2	28.4	22.4	15.6	32.2	70.6	18.30	16.0	56.4	3	176.9
ABRIL	17.3	25.4	20.7	15.7	29.0	81.7	19.71	17.3	377.3	22	
MAYO	16.9	25.6	20.8	15.2	28.0	80.8	19.69	17.2	105.5	18	99.0
JUNIO	16.6	25.3	20.1	14.7	28.5	81.2	19.07	16.7	113.6	14	89.0
JULIO	16.4	25.7	20.4	14.5	28.5	78.2	18.57	16.3	131.3	15	138.8
AGOSTO	16.3	25.3	20.1	14.6	28.0	80.6	18.69	16.4	85.3	19	109.1
SEPTIEMBRE	16.4	25.3	20.1	14.8	28.0	81.3	19.00	16.7	197.0	19	
OCTUBRE	16.6	25.1	20.3	14.8	28.5	81.4	19.22	16.9	206.4	21	98.1
NOVIEMBRE	16.7	24.8	19.8	15.0	28.0	83.4	19.23	16.9	499.9	25	80.7
DICIEMBRE	16.3	25.0	19.8	15.0	27.6	81.8	18.81	16.5	289.6	19	112.1
PROMEDIO	16.8	26.0	20.7	15.2	28.9	79.2	19.02	16.7			
TOTAL									2155.0	197	

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.988

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	17.8	27.4	21.1	68.8	16.58	14.3	0.0	0.0	0.0	6.6
2	16.4	27.8	21.1	65.9	15.67	13.5	0.0	0.0	0.0	6.9
3	17.2	27.3	21.4	66.0	15.89	13.4	0.0	0.0	0.0	6.4
4	17.4	26.4	21.2	68.2	16.48	14.1	0.0	0.0	0.0	6.7
5	18.6	27.0	22.1	62.3	15.80	13.5	0.0	0.0	0.0	6.0
6	18.0	27.4	21.5	65.7	16.30	14.0	0.0	0.0	0.0	6.3
7	17.0	26.3	20.5	69.8	16.01	13.6	0.0	0.0	0.0	4.9
8	16.7	28.2	21.6	66.6	15.91	13.2	0.0	0.0	0.0	6.4
9	18.8	26.8	21.5	68.9	17.31	14.9	0.0	0.0	0.0	3.3
10	17.2	26.4	20.7	67.9	15.95	13.6	0.0	0.0	0.0	2.2
11	16.8	26.5	20.6	70.0	16.17	13.9	0.0	0.0	0.0	6.8
12	16.6	28.4	21.0	69.1	16.53	14.4	0.0	0.0	0.0	7.9
13	18.2	26.5	20.6	66.6	15.75	13.4	0.0	8.0	8.0	2.2
14	17.1	26.8	20.4	71.8	16.55	14.2	0.0	6.0	6.0	2.6
15	17.6	24.6	19.9	71.2	16.21	14.0	0.0	0.0	0.0	4.8
16	17.2	25.4	19.8	71.1	16.05	13.9	8.0	0.0	8.0	4.2
17	17.0	24.0	18.8	77.2	16.85	14.8	0.0	0.0	0.0	2.5
18	16.2	26.0	19.3	67.9	14.54	12.1	0.0	0.0	0.0	4.6
19	13.8	25.0	19.6	73.5	16.08	13.9	0.0	0.0	0.0	2.7
20	17.6	26.4	20.8	66.9	15.79	13.3	0.0	0.0	0.0	7.1
21	17.4	26.5	20.1	74.6	17.14	14.8	0.0	1.3	1.3	6.2
22	17.6	25.4	20.4	79.1	18.75	16.9	8.4	0.0	8.4	4.3
23	16.8	25.6	20.3	71.6	16.51	14.1	0.0	0.0	0.0	1.6
24	16.6	26.4	20.7	71.8	16.68	14.3	0.0	0.0	0.0	5.9
25	17.6	26.7	20.4	73.4	17.18	14.9	0.0	0.0	0.0	6.7
26	17.4	27.4	20.6	68.4	15.75	13.3	0.0	0.0	0.0	6.8
27	17.6	26.3	20.6	72.1	16.81	14.3	0.0	0.0	0.0	2.2
28	17.9	28.0	21.2	71.6	17.02	14.4	0.0	0.3	0.3	4.7
29	17.8	24.8	19.6	86.5	19.79	17.3	6.2	0.0	6.2	0.5
30	15.7	26.3	20.3	68.1	15.29	13.1	0.1	0.0	0.1	6.7
31	16.7	27.2	20.8	71.5	16.58	14.0	0.2	0.0	0.2	4.5
PROM.	17.2	26.5	20.6	70.5	16.45	14.1	22.9	15.6	38.5	151.2

M E S - FEBRERO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	18.2	28.0	22.0	68.1	16.98	14.5	0.0	0.0	0.0	6.1
2	18.7	25.8	20.8	73.8	17.79	15.3	0.0	0.0	0.0	0.4
3	17.0	27.0	21.0	68.4	16.34	13.9	0.0	0.0	0.0	6.1
4	17.2	26.2	20.6	67.9	15.90	13.6	0.5	0.0	0.5	3.7
5	17.0	27.0	20.6	69.4	15.95	13.5	0.3	0.0	0.3	4.5
6	16.8	27.2	20.8	74.1	17.31	14.5	0.0	7.5	7.9	3.5
7	17.6	26.4	20.9	69.6	16.60	14.4	0.0	0.0	0.0	4.6
8	18.8	26.6	21.7	73.2	18.40	15.9	0.0	73.6	73.6	3.8
9	16.6	23.5	18.7	79.7	16.92	14.8	5.9	0.0	5.9	1.2
10	14.9	25.4	20.0	69.8	15.44	13.3	0.0	0.0	0.0	2.9
11	18.0	22.0	19.5	73.0	16.62	14.6	2.0	0.0	2.0	0.8
12	16.8	26.0	20.3	69.3	15.68	13.3	0.0	1.5	1.5	4.0
13	17.2	25.9	20.3	69.0	15.89	13.6	0.0	0.2	0.2	5.4
14	16.8	26.4	20.8	70.9	16.79	14.4	0.0	0.0	0.0	6.7
15	16.4	26.0	21.3	73.9	18.26	16.0	0.0	0.0	0.0	6.6
16	18.0	25.0	20.9	76.9	19.04	16.7	0.0	0.0	0.0	6.1
17	18.2	26.0	21.1	77.8	19.42	17.0	0.0	0.0	0.0	7.3
18	17.5	25.0	21.0	78.4	19.17	16.8	0.0	0.0	0.0	7.5
19	18.2	26.8	21.3	75.4	18.85	16.5	0.0	0.0	0.0	7.5
20	16.0	26.5	20.7	72.3	16.87	14.7	0.0	0.0	0.0	8.2
21	17.8	26.4	21.2	72.8	17.76	15.5	0.0	0.0	0.0	5.7
22	15.8	24.6	19.9	75.8	16.92	14.7	0.0	0.0	0.0	4.6
23	17.4	24.8	21.0	75.1	18.13	15.7	0.0	0.0	0.0	0.0
24	18.0	21.5	19.3	89.6	20.24	17.7	12.2	1.0	13.2	2.8
25	17.2	24.0	19.8	78.9	18.15	15.9	0.4	0.5	0.9	2.8
26	16.6	23.4	19.0	80.2	17.62	15.5	0.5	0.0	0.5	1.6
27	16.4	24.0	19.8	80.7	18.51	16.3	0.2	0.0	0.2	0.6
28	15.0	27.0	19.9	73.9	16.27	14.1	0.0	0.0	0.0	6.8
29	17.4	26.0	20.7	73.3	17.41	15.1	0.0	0.0	0.0	8.1
PROM	17.2	25.5	20.5	74.2	17.42	15.1	22.0	84.7	106.7	129.9

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.988

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

M E S — MARZO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.8	26.1	19.8	76.9	17.36	15.2	0.0	0.0	0.0	4.1
2	14.8	27.6	20.4	71.4	16.06	14.0	0.0	0.0	0.0	7.0
3	17.4	26.9	21.1	73.6	17.88	15.5	0.0	0.0	0.0	7.4
4	18.3	26.7	21.3	72.3	17.93	15.6	0.0	0.0	0.0	7.9
5	17.1	26.0	20.4	78.9	18.73	16.5	0.0	0.0	0.0	8.9
6	16.4	25.2	20.0	80.2	18.67	16.4	0.0	0.0	0.0	6.2
7	18.0	26.8	21.1	73.6	18.02	15.6	0.0	0.5	0.5	6.2
8	17.5	25.0	20.6	80.5	19.51	17.1	0.3	3.0	3.3	2.7
9	16.4	21.4	18.8	91.3	19.67	17.2	2.6	0.0	2.6	0.0
10	14.8	25.0	19.9	76.3	17.05	14.9	0.0	0.0	0.0	6.6
11	12.4	24.0	19.0	81.4	17.27	15.1	0.0	0.0	0.0	8.0
12	16.0	26.6	20.4	75.4	17.35	15.1	0.0	0.0	0.0	8.1
13	14.8	26.0	19.7	75.5	16.66	14.5	0.0	0.0	0.0	7.8
14	17.8	26.6	21.2	73.8	18.38	15.9	0.0	0.0	0.0	7.8
15	14.6	25.8	20.1	73.6	16.78	14.6	0.0	0.0	0.0	8.9
16	17.5	25.5	20.1	68.8	15.89	13.6	0.0	0.0	0.0	1.3
17	17.4	27.4	20.0	74.9	16.79	14.1	0.0	0.0	0.0	7.2
18	17.9	28.2	21.3	81.0	20.55	17.9	0.0	0.0	0.0	7.3
19	18.6	28.4	21.6	81.4	21.03	18.3	0.0	0.0	0.0	8.5
20	18.0	29.0	22.2	80.3	21.57	18.7	0.0	0.0	0.0	7.2
21	14.0	29.8	21.3	81.3	20.33	17.7	0.0	0.0	0.0	6.4
22	13.5	26.8	21.0	82.7	20.70	18.1	0.0	0.0	0.0	4.4
23	16.7	27.8	21.1	80.6	19.95	17.5	0.0	0.0	0.0	8.4
24	16.4	27.9	21.4	79.7	19.93	17.4	0.0	0.0	0.0	7.0
25	18.0	28.8	21.9	82.1	21.77	18.9	0.0	0.0	0.0	8.2
26	16.8	27.5	20.6	87.7	21.35	18.5	0.0	0.0	0.0	2.7
27	18.1	26.4	21.3	84.4	21.70	18.8	0.0	0.0	0.0	0.8
28	18.2	25.8	21.1	82.3	20.72	18.1	0.0	0.0	0.0	4.1
29	18.6	26.4	19.8	93.9	22.01	19.0	7.5	0.0	7.5	2.4
30	16.8	27.5	20.4	85.6	20.74	18.1	0.0	0.0	0.0	7.2
31	18.1	27.6	21.3	83.0	21.04	18.3	0.0	20.0	20.0	6.5
PROM.	16.7	26.7	20.7	79.5	19.14	16.7	10.4	23.5	33.9	187.2

M E S — ABRIL

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.9	27.4	21.1	84.6	20.91	18.2	0.0	0.0	0.0	4.5
2	18.4	24.7	20.0	89.4	21.30	18.5	0.4	0.0	0.4	1.3
3	17.0	26.5	20.4	79.5	19.14	16.8	0.0	17.5	17.5	2.5
4	17.4	23.2	19.5	91.6	20.73	18.1	10.3	0.0	10.3	0.1
5	13.8	27.0	20.6	86.0	20.84	18.0	0.0	15.6	15.6	8.3
6	17.4	20.6	18.4	94.2	20.00	17.5	2.3	0.0	2.3	0.0
7	16.8	24.6	20.1	86.5	20.42	17.8	0.0	0.0	0.0	0.7
8	17.7	26.5	20.8	86.6	21.36	18.6	0.0	2.3	2.3	5.7
9	18.2	24.5	20.1	89.7	21.33	18.5	0.0	2.7	2.7	1.2
10	18.0	23.0	19.3	86.6	19.71	17.3	1.7	2.7	4.4	0.0
11	16.5	22.8	19.3	88.0	19.74	17.3	2.6	0.0	2.6	
12	16.8	24.5	19.7	86.9	20.01	17.5	0.3	6.4	6.7	3.0
13	16.4	22.8	19.4	87.8	19.59	17.2	3.8	0.0	3.8	0.0
14	16.0	26.5	20.4	83.6	19.89	17.4	1.2	0.5	1.7	3.9
15	17.4	24.4	20.0	84.2	19.69	17.2	0.0	0.0	0.0	0.4
16	16.0	26.4	20.2	84.2	19.97	17.5	0.0	0.0	0.0	4.3
17	16.0	28.0	20.7	83.3	20.27	17.7	0.0	1.1	1.1	7.6
18	18.0	24.8	20.1	86.9	20.67	18.1	1.4	0.0	1.4	6.5
19	16.6	27.0	20.6	78.2	18.41	16.1	0.0	8.3	8.3	5.8
20	17.6	25.0	19.8	89.6	20.79	18.1	4.3	1.4	5.7	2.6
21	17.6	25.2	18.9	87.2	19.16	16.8	9.9	0.0	9.9	1.0
22	15.8	25.5	20.1	86.2	20.30	17.7	0.0	22.2	22.2	5.5
23	16.6	24.6	19.5	84.8	19.06	16.7	0.0	0.0	0.0	2.6
24	15.7	26.1	20.3	87.5	20.92	18.2	0.1	15.2	15.3	6.2
25	15.5	26.0	20.5	82.9	19.75	17.3	0.0	0.0	0.0	9.0
26	17.6	24.0	19.7	88.6	20.58	18.0	0.3	0.0	0.3	
27	16.8	24.8	18.9	94.5	20.51	17.9	2.5	0.0	2.5	4.3
28	16.0	28.8	21.2	83.8	20.92	18.2	0.0	0.0	0.0	6.5
29	18.4	24.0	20.4	86.2	20.97	18.3	1.5	0.6	2.1	0.3
30	16.2	25.6	20.4	87.4	21.07	18.3	0.0	25.2	25.2	4.6
PROM	16.8	25.2	20.0	86.6	20.27	17.7	42.6	121.7	164.3	

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.988

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	27.0	20.9	85.3	20.98	18.2	1.1	0.2	1.3	5.3
2	17.3	27.5	21.2	87.6	22.34	19.2	1.7	0.3	2.0	3.3
3	18.0	26.0	20.2	87.4	20.82	18.1	0.0	0.0	0.0	5.5
4	16.4	24.2	20.1	85.4	20.17	17.6	0.0	0.0	0.0	1.6
5	12.5	26.4	19.6	85.5	19.46	17.0	0.0	0.0	0.0	8.1
6	17.6	28.3	21.1	83.0	20.61	18.0	0.0	0.1	0.1	4.6
7	17.3	27.5	20.7	85.2	21.02	18.3	0.0	6.7	6.7	6.9
8	16.7	26.5	20.7	84.4	20.71	18.0	0.3	0.0	0.3	5.1
9	17.4	27.5	20.9	87.2	21.66	18.8	0.0	0.0	0.0	3.8
10	17.2	27.2	21.2	83.4	20.97	18.3	0.0	0.0	0.0	5.7
11	16.0	26.3	20.1	84.5	19.98	17.5	5.5	0.0	5.5	3.0
12	16.4	25.0	19.4	86.7	19.41	17.0	5.6	0.0	5.6	5.3
13	14.8	26.0	19.9	89.3	20.81	18.1	0.4	2.1	2.5	4.5
14	17.4	22.0	19.1	93.4	20.52	17.9	11.7	0.0	11.7	0.7
15	14.7	28.3	20.6	84.2	20.51	17.9	2.4	0.0	2.4	3.9
16	15.7	28.4	21.8	80.2	21.10	18.4	0.0	0.0	0.0	6.2
17	17.2	27.8	21.3	79.8	19.98	17.4	1.7	27.3	29.0	5.1
18	16.5	25.0	19.5	88.1	20.35	17.8	17.9	12.1	30.0	2.3
19	16.2	25.6	18.9	93.6	20.55	17.9	0.3	0.0	0.3	3.1
20	16.4	24.0	19.4	85.5	19.44	17.0	0.7	0.0	0.7	3.5
21	15.5	24.3	19.6	87.3	19.83	17.4	0.1	0.0	0.1	2.2
22	15.6	27.4	20.6	85.7	20.90	18.2	0.0	0.0	0.0	6.4
23	17.5	26.3	21.0	83.6	20.99	18.3	0.0	0.0	0.0	2.5
24	14.7	26.8	20.9	86.2	21.30	18.4	0.0	5.3	5.3	7.0
25	17.4	25.4	20.5	86.8	21.12	18.4	0.0	1.2	1.2	2.3
26	17.8	22.5	19.7	86.8	20.02	17.5	5.2	0.0	5.2	1.0
27	16.4	24.3	19.7	84.0	19.20	16.9	0.3	1.7	2.0	1.5
28	16.8	24.5	19.3	83.8	18.49	16.2	24.5	0.3	24.8	2.1
29	16.6	26.5	20.4	84.9	20.23	17.7	8.5	0.0	8.5	5.4
30	14.8	27.4	20.0	82.3	18.96	16.6	0.0	0.0	0.0	4.6
31	16.8	25.4	20.6	83.7	20.03	17.5	0.4	0.3	0.7	2.4
PROM.	16.4	26.0	20.3	85.7	20.40	17.8	88.3	57.6	145.9	124.9

M E S – JUNIO

DIA	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION m.m.			Brillo solar horas
	MIN.	MAX.	MED.				Día	Noche	Total	
1	16.0	25.5	19.7	85.3	19.80	17.3	8.1	11.0	19.1	0.8
2	14.8	27.0	20.2	80.7	18.83	16.5	29.0	0.5	29.5	1.3
3	17.0	26.2	20.7	82.5	20.36	17.8	0.0	0.0	0.0	4.5
4	17.1	28.2	21.4	76.2	19.72	17.2	10.7	0.5	11.2	4.5
5	16.3	28.4	19.9	81.2	18.64	16.4	0.0	0.0	0.0	6.1
6	17.8	26.2	20.7	82.1	19.78	17.3	0.0	0.0	0.0	
7	16.7	28.4	21.5	78.7	19.86	17.4	0.0	0.0	0.0	6.6
8	16.9	25.2	20.4	85.4	20.59	18.0	0.0	0.0	0.0	0.7
9	18.0	25.0	20.7	85.9	21.23	18.5	2.8	0.0	2.8	1.4
10	17.0	27.3	20.7	82.8	20.19	17.7	0.3	0.2	0.5	3.7
11	17.2	25.8	18.9	92.3	20.21	17.7	1.0	0.0	1.0	2.3
12	17.4	25.4	19.6	84.6	19.71	17.3	0.1	0.0	0.1	3.8
13	16.8	25.0	20.1	87.2	20.77	18.1	15.3	15.0	30.3	3.9
14	17.5	25.8	20.0	85.9	20.38	17.8	4.2	0.0	4.2	2.4
15	17.4	26.5	20.3	84.9	20.29	17.7	0.0	0.0	0.0	0.8
16	16.0	25.5	20.3	83.7	19.79	17.3	0.5	23.9	24.4	4.0
17	15.9	25.3	19.6	83.4	19.35	17.0	0.3	1.4	1.7	2.4
18	16.8	25.5	19.9	81.3	19.06	16.7	25.5	7.1	32.6	0.3
19	16.5	24.4	18.8	86.2	18.76	16.5	0.0	0.2	0.2	4.2
20	15.0	25.3	18.9	85.2	18.57	16.3	0.0	0.3	0.3	7.1
21	17.6	26.4	20.1	89.7	21.61	18.7	0.5	0.0	0.5	5.9
22	18.2	26.3	20.2	84.2	20.58	17.9	0.1	3.0	3.1	3.1
23	16.4	25.4	20.2	83.0	19.53	17.2	0.0	0.0	0.0	2.3
24	16.5	23.0	17.9	93.8	19.58	17.2	4.3	4.3	8.6	1.4
25	16.4	22.8	18.9	88.0	19.20	16.8	2.4	0.8	3.2	0.0
26	15.5	26.5	19.8	83.9	19.65	17.3	1.7	0.0	1.7	6.8
27	15.8	26.0	20.3	85.1	20.33	17.8	0.1	0.0	0.1	5.3
28	14.4	24.4	19.8	86.0	19.59	17.2	6.5	0.0	6.5	2.6
29	15.8	26.8	20.5	82.3	19.59	17.1	0.0	0.0	0.0	6.5
30	16.8	25.7	19.8	83.4	19.40	17.0	2.7	0.0	2.7	5.9
PROM	16.6	25.8	20.0	84.5	19.83	17.4	116.1	68.2	184.3	

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.988

ALTITUD: 1.360 LATITUD: 3-49 N. LONGITUD: 76-31 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	17.4	25.4	19.7	85.5	19.96	17.4	0.8	0.0	0.8	5.2
2	15.5	24.4	18.9	90.5	19.99	17.4	2.6	26.5	29.1	2.5
3	16.1	24.6	19.6	82.0	19.00	16.7	0.3	4.1	4.4	3.3
4	15.9	24.8	19.8	84.2	19.55	17.2	4.9	1.4	6.3	1.1
5	16.4	21.8	18.5	87.2	18.79	16.8	2.6	3.7	6.3	0.2
6	16.2	24.9	19.0	84.8	18.81	16.5	0.0	0.0	0.0	2.9
7	15.0	27.4	20.5	78.8	18.84	16.6	0.0	0.0	0.0	6.0
8	17.0	26.3	20.3	83.2	19.74	17.3	0.0	3.0	3.0	4.2
9	16.2	27.0	20.8	81.3	19.94	17.5	2.0	0.0	2.0	3.2
10	16.5	26.5	20.1	82.7	19.58	17.2	0.0	3.1	3.1	5.4
11	17.5	25.6	20.6	83.6	20.59	18.0	0.0	1.5	1.5	6.6
12	17.4	26.0	20.3	83.9	20.24	17.7	0.0	6.3	6.3	6.4
13	16.8	28.5	21.5	78.3	19.72	17.2	0.0	0.0	0.0	6.4
14	14.0	28.0	20.5	76.1	17.79	15.6	0.0	0.0	0.0	9.0
15	16.3	28.1	21.5	79.5	19.94	17.4	0.0	0.0	0.0	6.7
16	18.4	27.0	20.7	81.2	19.78	17.3	0.0	0.0	0.0	7.7
17	16.0	26.2	20.5	85.4	20.77	18.1	0.0	0.0	0.0	5.7
18	16.2	25.6	20.5	83.4	20.49	17.9	0.3	0.0	0.3	5.3
19	16.0	26.3	20.0	86.3	20.39	17.8	0.2	0.0	0.2	4.6
20	16.5	26.5	20.6	81.4	19.91	17.4	0.0	0.0	0.0	6.7
21	17.0	26.0	20.1	85.6	20.50	17.9	0.5	0.0	0.5	2.8
22	17.5	26.2	20.2	85.2	20.39	17.8	9.9	0.0	9.9	3.3
23	17.8	25.0	20.1	86.6	20.70	18.0	0.0	0.0	0.0	1.7
24	18.0	26.2	20.3	85.8	20.90	18.2	1.7	0.1	1.8	3.3
25	17.3	26.8	20.5	85.2	20.78	18.1	0.0	1.1	1.1	5.7
26	17.5	26.6	19.7	93.6	21.60	18.7	1.6	7.5	9.1	4.1
27	17.0	28.7	21.1	80.4	20.01	17.5	16.5	0.0	16.5	4.5
28	17.3	27.0	21.3	80.1	20.45	17.9	0.0	0.0	0.0	8.2
29	16.5	27.3	20.9	82.9	20.73	18.1	0.0	2.8	2.8	8.3
30	17.4	26.7	20.4	85.9	20.89	18.2	0.0	4.1	4.1	3.4
31	16.4	27.0	20.4	83.9	20.35	17.8	0.0	9.5	9.9	7.6
PROM.	16.7	26.3	20.3	83.7	20.04	17.5	43.9	75.1	119.0	152.0

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	16.5	26.8	20.4	81.6	19.69	17.3	2.7	31.3	34.0	6.0
2	17.4	27.4	20.1	83.8	20.12	17.6	5.1	2.3	7.4	1.9
3	16.7	27.6	20.6	85.0	20.94	18.2	0.0	0.0	0.0	4.5
4	17.8	27.5	21.0	81.4	20.18	17.7	0.0	0.0	0.0	5.7
5	17.2	26.6	19.9	83.3	19.35	17.0	3.1	0.0	3.1	5.7
6	17.0	27.5	20.8	83.8	20.68	18.0	0.0	0.0	0.0	6.1
7	17.2	26.5	20.2	85.4	20.26	17.7	0.0	0.0	0.0	5.2
8	16.5	25.5	19.8	85.5	20.09	17.5	2.3	0.3	2.6	4.8
9	16.6	29.0	20.8	81.0	19.67	17.3	0.0	0.0	0.0	6.6
10	17.8	26.6	20.1	83.3	19.82	17.4	0.2	0.0	0.2	3.4
11	16.0	27.6	20.1	82.3	19.16	16.8	0.0	0.0	0.0	5.5
12	15.5	25.3	19.4	83.4	18.87	16.6	0.2	0.0	0.2	4.4
13	14.7	27.5	20.1	82.9	19.31	16.9	0.0	0.0	0.0	6.3
14	17.0	23.8	19.0	85.6	19.20	16.9	0.0	0.0	0.0	1.6
15	15.0	27.4	19.5	81.5	18.56	16.3	9.6	3.8	13.4	6.9
16	16.8	25.7	19.6	83.4	19.35	17.0	0.0	0.0	0.0	3.9
17	14.9	25.0	20.0	83.7	19.30	16.9	1.5	0.0	1.5	1.3
18	17.0	27.0	20.9	82.1	20.21	17.7	5.2	0.6	5.8	6.4
19	17.2	24.7	20.4	82.4	19.96	17.5	0.0	0.6	0.6	5.4
20	17.5	24.4	19.6	86.0	19.91	17.4	1.2	0.0	1.2	1.5
21	17.2	24.0	19.4	83.0	18.90	16.6	0.6	2.4	3.0	2.0
22	15.8	27.5	20.4	81.3	19.65	17.2	10.8	0.0	10.8	6.0
23	17.3	27.0	20.2	87.0	20.94	18.2	3.8	0.0	3.8	6.9
24	17.8	22.4	18.4	90.0	19.35	17.0	0.1	0.0	0.1	2.2
25	15.0	26.8	20.1	82.0	19.48	17.1	0.5	0.0	0.5	6.3
26	16.0	26.2	19.8	85.8	20.08	17.6	0.0	7.7	7.7	3.8
27	16.5	25.2	19.5	85.0	19.61	17.2	1.1	0.0	1.1	0.4
28	15.9	25.0	19.4	83.6	18.94	16.7	1.3	0.0	1.3	3.7
29	15.3	25.2	20.3	85.4	20.49	17.9	1.6	2.2	3.8	6.0
30	16.0	25.4	19.2	82.5	18.13	16.0	0.5	0.0	0.5	0.5
31	16.5	23.8	19.4	82.6	18.66	16.4	0.0	0.4	0.4	
PROM	16.5	26.1	19.9	83.7	19.64	17.2	51.4	51.6	103.0	

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.968

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	13.2	28.0	20.0	81.5	18.76	16.4	1.9	0.0	1.9	4.2
2	16.5	28.2	21.0	82.1	20.28	17.7	0.0	0.5	0.5	2.5
3	15.0	26.6	19.0	88.1	19.75	17.2	2.2	0.0	2.2	4.6
4	13.8	27.4	20.4	78.3	18.58	16.3	0.0	0.0	0.0	5.6
5	16.8	25.0	18.6	88.5	19.57	17.1	0.1	0.0	0.1	3.4
6	15.5	27.2	20.4	79.2	18.93	16.6	0.0	1.3	1.3	6.5
7	16.7	25.6	20.1	79.5	18.66	16.4	0.3	0.0	0.3	2.0
8	14.6	26.8	19.5	82.4	18.87	16.6	23.6	0.0	23.6	2.2
9	14.4	25.5	19.3	87.6	19.92	17.5	10.0	0.0	10.0	3.6
10	16.5	25.2	19.2	87.8	19.59	17.2	0.7	0.0	0.7	1.9
11	16.3	26.5	19.8	84.8	19.66	17.2	1.0	21.8	22.8	5.6
12	16.8	25.0	20.0	84.2	19.78	17.3	0.7	8.9	9.6	0.2
13	16.0	25.2	19.6	82.9	18.80	16.6	5.8	2.1	7.9	2.3
14	17.0	25.8	20.7	82.2	20.03	17.5	0.0	0.0	0.0	1.0
15	16.5	27.5	20.8	82.1	20.00	17.5	4.5	0.0	4.5	3.6
16	15.0	27.4	20.5	80.3	19.43	17.0	0.0	0.0	0.0	8.0
17	17.5	26.8	20.8	81.5	20.20	17.7	0.1	0.7	0.8	7.0
18	17.3	24.6	19.8	85.3	19.96	17.4	13.7	0.6	14.3	2.0
19	16.8	24.5	20.0	84.4	19.82	17.4	11.5	11.5	23.0	1.6
20	17.5	26.0	20.2	85.0	20.36	17.8	0.0	0.0	0.0	6.0
21	16.5	25.5	20.0	85.6	20.23	17.7	0.4	0.0	0.4	6.0
22	17.5	25.0	19.5	81.8	19.19	16.8	7.8	0.0	7.8	4.0
23	12.5	28.2	20.1	79.7	18.47	16.2	0.0	0.0	0.0	6.1
24	18.3	27.0	20.8	83.6	20.71	18.1	0.0	0.0	0.0	4.0
25	18.0	27.2	21.1	84.8	21.40	18.6	0.0	0.0	0.0	5.2
26	18.4	25.6	20.8	84.8	21.08	18.4	1.4	0.0	1.4	0.7
27	16.0	27.3	20.4	81.9	19.41	17.0	0.0	0.0	0.0	5.7
28	18.0	26.8	20.9	84.5	21.08	18.3	0.0	0.0	0.0	5.7
29	17.8	25.6	20.0	84.0	20.06	17.6	0.4	0.0	0.4	3.7
30	17.0	24.0	19.4	85.7	19.57	17.1	0.5	0.0	0.5	0.4
PROM.	16.3	26.2	20.1	83.5	19.74	17.3	86.6	47.4	134.0	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	16.5	26.3	20.6	82.3	20.29	17.7	0.0	1.6	1.6	4.3
2	17.5	26.0	20.0	84.7	19.93	17.4	3.6	0.0	3.6	2.5
3	16.8	27.8	20.6	81.1	19.55	17.1	20.8	2.9	23.7	2.5
4	17.5	27.4	20.3	81.3	19.26	16.8	3.7	0.0	3.7	4.1
5	17.4	25.8	19.8	84.8	20.30	17.7	0.0	0.0	0.0	5.8
6	16.5	26.6	20.3	83.7	20.23	17.7	0.0	0.0	0.0	4.1
7	17.8	25.4	19.8	87.4	20.48	17.9	0.2	0.3	0.5	3.2
8	18.0	23.6	19.5	86.6	19.96	17.5	0.0	0.0	0.0	0.8
9	17.0	26.8	20.5	80.7	19.45	17.0	0.0	0.0	0.0	5.8
10	17.5	27.8	20.9	81.9	20.38	17.8	0.0	0.0	0.0	5.8
11	18.0	25.4	20.3	81.6	19.73	17.3	0.0	1.9	1.9	1.2
12	17.5	23.6	19.6	83.1	19.11	16.8	3.7	0.0	3.7	0.4
13	15.5	23.5	18.7	92.5	20.25	17.7	5.4	0.2	5.6	2.3
14	17.0	24.0	19.4	87.2	19.88	17.4	7.5	0.0	7.5	0.0
15	16.5	24.5	19.5	85.4	19.46	17.1	0.3	0.0	0.3	0.0
16	14.8	27.0	20.8	81.8	19.81	17.3	0.0	0.0	0.0	6.5
17	17.0	25.0	19.9	81.5	19.16	16.8	0.8	23.5	24.3	0.0
18	17.5	24.4	19.9	81.9	19.40	17.1	5.5	0.0	5.5	9.9
19	16.8	27.4	20.6	80.4	19.85	17.4	0.0	0.0	0.0	9.5
20	16.4	27.2	20.4	82.8	20.29	17.7	0.0	0.0	0.0	
21	15.8	27.0	20.4	79.5	19.01	16.7	0.0	0.0	0.0	4.6
22	18.4	27.2	21.2	79.4	19.91	17.4	3.3	0.0	3.3	2.5
23	17.8	25.5	20.7	81.5	20.02	17.5	0.0	0.0	0.0	6.8
24	17.0	25.2	19.9	86.6	20.41	17.8	29.2	6.6	35.8	5.2
25	15.8	25.5	19.8	83.6	19.23	16.9	0.2	0.6	0.8	3.8
26	16.4	25.8	20.1	84.7	20.12	17.6	0.0	0.2	0.2	7.4
27	18.0	25.5	20.2	85.4	20.39	17.8	14.9	1.1	16.0	2.4
28	15.8	23.5	19.6	89.2	20.57	18.0	23.1	0.0	23.1	0.2
29	15.0	26.2	19.6	87.2	20.16	17.6	2.0	0.0	2.0	4.4
30	17.4	26.0	20.6	82.0	20.11	17.6	0.0	0.4	0.4	7.5
31	16.4	23.7	19.8	85.4	19.74	17.3	0.0	0.0	0.0	6.3
PROM	16.9	25.7	20.1	83.8	19.89	17.4	124.2	39.3	163.5	

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.988

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	17.8	23.6	19.4	89.5	20.55	17.9	13.8	0.0	13.8	0.7
2	16.8	23.8	19.6	88.4	20.36	17.8	0.1	6.6	6.7	1.4
3	17.5	26.5	20.1	84.7	20.21	17.7	0.0	0.0	0.0	2.2
4	16.5	27.5	21.2	82.1	20.72	18.1	6.6	0.0	6.6	7.9
5	18.4	26.6	21.3	84.4	21.83	18.9	0.0	0.0	0.0	6.6
6	17.8	25.3	19.8	89.2	20.97	18.3	0.0	0.0	0.0	1.1
7	16.5	23.0	19.3	87.6	19.69	17.3	0.0	15.4	15.4	1.7
8	17.4	25.8	20.0	81.7	19.01	16.7	2.4	0.0	2.4	3.8
9	16.0	25.5	19.7	85.5	19.63	17.2	0.0	0.0	0.0	0.8
10	17.4	26.0	20.2	86.1	20.67	18.0	0.2	12.9	13.1	5.5
11	16.5	25.8	20.1	84.6	20.12	17.6	3.2	0.1	3.3	3.6
12	17.5	26.6	20.9	81.5	20.17	17.6	0.0	7.2	7.2	4.2
13	17.8	23.8	20.0	87.0	20.51	17.9	0.9	0.0	0.9	0.3
14	18.0	25.6	20.2	85.5	20.51	17.9	3.8	1.7	5.5	3.9
15	17.4	25.5	19.8	85.1	19.78	17.3	4.4	17.9	22.3	1.4
16	16.8	25.3	19.9	84.6	20.07	17.5	0.0	3.8	3.8	1.7
17	17.0	25.0	19.6	90.1	20.78	18.1	2.3	1.5	3.8	3.1
18	17.5	26.4	20.7	80.8	19.91	17.4	0.0	0.0	0.0	4.2
19	18.0	25.5	19.4	88.6	20.52	17.9	3.1	5.3	8.4	0.9
20	16.6	23.8	19.2	85.9	19.23	16.9	9.3	16.1	25.4	2.4
21	17.0	22.8	18.8	93.0	20.39	17.8	5.4	26.4	31.8	0.4
22	17.2	24.0	18.9	90.1	19.98	17.5	1.1	0.0	1.1	0.3
23	16.8	24.8	19.1	87.4	19.62	17.2	0.0	0.0	0.0	6.7
24	16.4	25.5	20.2	80.4	19.22	16.9	0.0	1.9	1.9	3.6
25	17.2	25.4	19.9	86.6	20.34	17.8	0.0	7.5	7.5	4.7
26	17.0	25.5	19.4	88.0	20.21	17.6	2.8	8.0	10.8	5.7
27	17.8	25.8	20.2	87.2	20.96	18.3	0.0	0.0	0.0	5.1
28	18.0	23.2	19.4	84.7	19.41	17.0	0.0	0.0	0.0	0.0
29	17.5	24.5	19.6	87.1	20.05	17.6	0.0	3.4	3.4	2.3
30	16.5	23.2	19.2	86.4	19.51	17.1	0.8	1.1	1.9	1.9
PROM.	17.2	25.1	19.8	86.1	20.16	17.6	60.2	136.8	197.0	88.1

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	16.2	24.5	19.0	85.4	18.94	16.6	7.3	3.6	10.9	3.6
2	16.4	25.2	19.1	85.0	18.95	16.6	0.3	10.1	10.4	3.9
3	16.5	25.3	19.5	82.0	18.49	16.3	0.0	0.0	0.0	3.9
4	15.4	26.5	19.5	79.9	18.05	15.9	0.2	1.1	1.3	4.5
5	16.8	24.7	19.7	83.5	19.17	16.8	0.0	0.0	0.0	3.2
6	14.8	25.8	19.5	82.8	18.66	16.4	0.0	0.8	0.8	5.3
7	16.4	22.8	18.3	85.5	18.08	15.9	0.4	0.0	0.4	0.9
8	16.0	24.2	18.3	90.5	19.08	16.7	0.0	0.0	0.0	2.4
9	15.4	25.8	19.4	83.6	18.74	16.5	0.0	0.0	0.0	5.5
10	16.8	25.5	20.1	83.0	19.60	17.2	0.0	0.0	0.0	3.7
11	16.6	26.2	20.7	82.9	20.11	17.6	0.0	0.0	0.0	4.2
12	17.2	26.2	20.3	83.9	20.05	17.5	0.0	0.0	0.0	7.9
13	16.5	25.8	19.2	87.3	19.46	17.1	6.4	0.0	6.4	4.7
14	17.4	26.0	18.9	87.3	19.29	16.9	0.0	0.0	0.0	0.2
15	16.4	26.0	19.7	84.1	19.24	16.9	0.0	0.0	0.0	3.9
16	16.8	25.8	19.7	86.2	19.97	17.5	0.0	0.0	0.0	4.0
17	17.5	24.7	19.6	85.8	19.89	17.4	0.0	0.0	0.0	6.8
18	16.5	24.4	19.3	85.0	19.27	16.9	1.5	0.0	1.5	4.7
19	16.8	26.0	19.8	81.4	19.00	16.7	0.0	0.0	0.0	6.3
20	15.5	25.5	19.4	85.1	19.31	16.9	0.0	0.0	0.0	6.8
21	14.9	25.8	19.5	83.7	19.05	16.7	0.0	0.0	0.0	7.3
22	17.3	24.6	19.5	82.9	19.14	16.8	0.0	0.0	0.0	3.2
23	16.2	26.4	19.3	83.4	18.94	16.7	0.0	0.0	0.0	5.5
24	17.0	25.6	19.5	83.5	19.08	16.8	0.0	0.0	0.0	4.7
25	16.0	24.9	19.3	85.7	19.33	17.0	0.0	0.0	0.0	2.4
26	16.4	24.4	19.1	89.3	19.97	17.5	0.0	0.0	0.0	2.5
27	16.8	26.0	19.9	82.1	19.13	16.8	0.0	0.5	0.5	6.6
28	16.0	23.0	19.3	86.0	19.41	17.0	0.0	3.4	3.4	1.1
29	16.6	25.5	19.6	84.6	19.64	17.2	0.0	0.9	0.9	3.9
30	17.3	25.8	20.0	85.0	20.10	17.6	2.5	0.0	2.5	3.6
31	17.4	23.1	19.2	90.5	20.38	17.8	4.1	1.1	5.2	2.0
PROM	16.4	25.2	19.5	84.7	19.28	16.9	22.7	21.5	44.2	129.2

ESTACION: JULIO FERNANDEZ MUNICIPIO: RESTREPO AÑO: 1.988

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

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Días lluvias	
ENERO	17.2	26.5	20.6	13.8	28.4	70.5	16.45	14.1	38.5	9	151.2
FEBRERO	17.2	25.5	20.5	14.9	28.0	74.2	17.42	15.1	106.7	12	129.9
MARZO	16.7	26.7	20.7	12.4	29.8	79.5	19.14	16.7	33.9	5	187.2
ABRIL	16.8	25.2	20.0	13.8	28.8	86.6	20.27	17.7	164.3	23	
MAYO	16.4	26.0	20.3	12.5	28.4	85.7	20.40	17.8	145.9	22	124.9
JUNIO	16.6	25.8	20.0	14.4	28.4	84.5	19.83	17.4	184.3	22	
JULIO	16.7	26.3	20.3	14.0	28.7	83.7	20.04	17.5	119.0	21	152.0
AGOSTO	16.5	26.1	19.9	14.7	29.0	83.7	19.64	17.2	103.0	22	
SEPTIEMBRE	16.3	26.2	20.1	12.5	28.2	83.5	19.76	17.3	134.0	21	115.3
OCTUBRE	16.9	25.7	20.1	14.8	27.8	83.8	19.89	17.4	163.5	20	
NOVIEMBRE	17.2	25.1	19.8	16.0	27.5	86.1	20.16	17.6	197.0	22	88.1
DICIEMBRE	16.4	25.2	19.5	14.8	26.5	84.7	19.28	16.9	44.2	12	129.2
PROMEDIO	16.7	25.9	20.2	14.1	28.3	82.2	19.35	16.9			
TOTAL									1434.3	211	

ESTACION: SANTA BARBARA MUNICIPIO: SASAIMA AÑO: 1.988

ALTITUD: 1.450 LATITUD: 4-56 N. LONGITUD: 74-25 W.

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

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1				0.0	4.4	27.5	0.5	19.8	4.5	5.6	11.5	1.3
2				0.0	0.0	31.3	26.6	2.4	1.4	92.0	23.9	5.6
3				0.0	0.0	0.0	5.3	0.8	14.5	4.0	0.3	32.9
4				30.0	0.6	0.4	3.6	8.8	4.0	5.0	0.0	12.5
5				35.0	3.1	0.0	38.0	1.6	0.0	0.0	12.6	5.2
6				25.0	14.2	0.0	14.3	0.0	0.1	1.2	23.1	11.9
7				6.0	3.8	0.0	2.9	0.4	0.0	0.0	13.5	34.6
8				30.0	0.0	0.0	9.7	3.2	0.9	0.0	51.7	2.4
9				20.0	0.0	2.8	0.0	0.0	22.3	0.0	1.6	0.1
10				40.0	2.8	0.9	0.0	0.0	4.6	0.0	2.3	20.2
11				0.0	0.0	0.0	5.8	0.0	34.5	0.0	35.2	0.0
12				37.0	0.0	22.5	0.9	4.2	0.1	30.8	4.4	23.4
13				3.4	8.9	17.0	0.0	4.4	7.6	16.1	25.4	3.5
14				18.2	0.2	2.0	0.0	0.0	0.3	17.3	32.5	0.1
15				5.2	22.5	7.5	0.1	20.4	1.9	1.5	11.5	0.0
16				1.0	0.0	8.9	0.0	16.1	0.0	16.7	1.3	0.0
17				0.2	1.7	4.7	0.0	4.7	0.0	152.3	37.0	0.0
18				23.1	4.2	8.2	1.7	0.0	0.2	69.2	19.9	0.1
19				9.1	0.0	6.7	1.3	0.6	0.0	12.0	4.6	0.0
20				7.3	0.7	35.1	1.8	20.4	0.9	21.0	0.0	0.0
21				9.2	8.9	6.1	0.0	10.9	0.0	13.7	1.7	0.2
22				34.7	0.0	9.1	1.9	0.6	29.0	2.8	38.3	1.6
23				13.2	0.0	0.6	0.0	0.0	2.4	0.0	8.4	0.3
24				44.9	0.0	3.8	0.4	0.3	8.6	19.5	9.7	9.4
25				3.3	0.3	2.4	7.6	18.5	0.2	2.4	18.8	5.6
26				0.3	0.0	10.0	0.0	1.9	0.0	1.5	0.2	1.2
27				1.0	3.7	49.6	0.0	5.2	0.0	32.0	1.9	0.0
28				0.0	9.9	0.1	0.0	5.6	1.7	6.9	97.6	17.8
29				0.0	16.9	1.7	0.2	11.2	0.0	0.1	0.0	2.7
30				0.0	9.6	0.0	4.9	5.3	7.3	52.3	20.5	10.7
31				0.0	0.2	0.0	0.0	13.4	0.0	0.2	0.0	4.5
Total				397.1	116.6	258.9	127.5	180.7	147.0	576.1	513.4	207.8
D.L.I.				23	19	23	19	24	21	24	27	24

TOTALES ANUALES

E R I L L O S O L A R E N H O R A S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1					3.7	3.5	1.1			2.0	1.2	4.6
2					2.0	1.1	2.6			1.5	0.2	2.2
3					5.6	1.1	1.9			5.3	4.5	7.0
4					2.6	2.2	0.5			1.4	6.3	4.1
5					5.1	6.6	0.1			8.2	5.2	4.1
6					1.3	8.0	0.7			3.8	2.6	1.6
7					1.4	8.0	2.2			0.8	1.4	3.1
8					4.9	3.6	2.1			0.0	3.3	1.9
9					3.6	1.6	6.4			8.7	1.6	3.4
10					3.3	1.9	4.8			8.5	1.3	4.3
11					4.2	0.4	2.5			4.4	0.3	5.4
12					4.2	3.9	1.8			0.2	1.8	5.7
13					2.6	1.5	0.8		0.6	1.7	1.1	2.0
14					1.8	0.3	9.0		2.0	3.4	1.8	1.6
15				3.0	1.9	4.9	7.6		6.2	1.8	0.2	7.2
16				7.8	7.4	1.1	2.1		9.5	3.0	1.6	7.2
17				7.2	4.7	5.5	6.2		4.7	5.9	1.9	5.0
18				2.4	2.5	0.4	5.1		2.6	2.7	6.0	7.7
19				3.2	4.4	1.0	3.9		2.6	4.1	2.3	6.2
20				5.3	1.1	4.5	4.2		3.9	3.7	4.0	6.8
21				4.0	2.0	4.8	3.4		2.7	7.1	3.4	8.6
22				3.1	4.6	8.1	2.3		5.0	8.9	5.4	2.2
23				2.5	0.8	2.4	0.7		5.0	0.0	5.9	1.6
24				4.7	3.1	1.3	2.7		4.6	5.5	1.2	3.7
25				3.6	2.2	0.0	3.6		7.2	8.3	4.8	1.3
26				1.8	0.6	1.8	1.7		1.9	7.0	1.3	2.6
27				1.9	4.3	5.0	6.8		5.8	2.1	3.9	3.9
28				3.0	4.8	2.3	4.7		3.4	0.3	4.5	2.6
29				4.8	4.8	4.1	1.9		4.7	7.6	1.7	2.1
30				4.0	5.7	4.5	1.4		1.6	2.8	3.5	1.0
31				0.0	4.9	0.0	4.4		0.0	0.9	0.0	1.5
Total					106.1	95.4	99.2			121.6	84.2	122.2

TOTAL ANUAL -

ESTACION: MESITAS DE SANTA INES MUNICIPIO: CACHIPAY AÑO: 1.988

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

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

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	0.0	0.0	0.0	0.0	9.4	2.7	0.0	6.0	0.0	1.0	1.1	6.0
2	0.0	0.0	0.0	23.0	0.0	4.6	6.8	1.0	1.4	1.7	7.0	3.9
3	5.5	0.2	0.0	22.0	4.9	0.0	0.1	13.1	0.0	0.0	4.2	21.5
4	0.6	26.0	0.0	0.0	3.8	0.0	2.6	1.2	9.5	0.3	0.0	14.6
5	0.0	0.0	0.0	9.0	0.0	0.0	5.8	11.4	0.0	0.0	0.2	2.0
6	0.0	0.6	0.0	12.0	0.0	0.0	12.4	0.0	0.0	14.3	37.9	22.6
7	0.0	0.0	0.4	0.3	0.0	0.0	0.6	0.9	9.1	0.5	7.1	10.4
8	0.0	0.0	32.0	12.0	0.0	0.0	9.2	2.1	0.0	0.3	0.1	6.4
9	0.0	0.0	4.2	24.0	0.0	0.0	0.0	10.1	0.0	0.0	2.4	0.9
10	0.0	9.8	0.0	5.6	3.8	6.6	2.8	0.0	9.6	0.0	36.4	0.0
11	0.0	4.9	0.0	0.0	0.0	3.3	0.0	0.0	2.0	0.0	0.0	0.0
12	0.0	3.0	0.0	9.4	0.0	0.0	4.6	0.0	4.8	0.9	4.7	0.0
13	0.0	0.6	0.3	4.2	0.0	4.1	0.3	0.0	0.0	2.9	0.9	16.3
14	0.6	0.0	0.3	0.0	0.2	2.6	0.0	0.0	0.0	9.2	3.1	0.5
15	8.5	0.0	0.0	17.0	53.0	0.0	0.0	0.0	0.0	0.8	13.9	0.0
16	3.6	0.0	25.0	14.0	0.0	7.4	0.0	8.7	0.0	3.0	3.5	6.1
17	12.4	0.0	0.0	0.0	0.0	4.4	2.7	7.9	0.0	10.0	0.3	0.0
18	29.0	0.0	0.0	0.0	0.0	15.1	16.1	1.9	2.0	0.0	19.9	0.0
19	2.5	0.0	0.0	0.0	0.2	1.7	0.0	0.0	9.6	0.0	0.6	20.5
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	4.4	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	6.2	0.0	31.3	0.0	5.0	0.1	4.7
22	4.8	8.0	0.0	50.0	0.0	2.1	0.4	0.0	0.0	4.8	33.8	11.3
23	0.0	0.0	0.0	0.0	0.0	1.7	0.0	15.6	0.2	0.0	8.5	0.8
24	0.1	13.0	0.0	12.0	0.0	21.4	10.0	0.0	10.4	18.2	3.4	1.9
25	0.0	15.0	0.0	0.0	0.4	20.5	45.2	0.0	5.1	1.3	15.1	0.0
26	0.0	0.0	0.0	16.5	0.0	5.3	4.8	0.6	0.0	6.1	0.0	0.0
27	0.0	0.0	0.0	1.8	8.4	0.0	0.0	1.0	0.0	4.6	0.0	0.0
28	0.0	11.0	0.0	0.0	35.0	9.3	10.6	0.0	0.0	0.4	0.0	0.0
29	0.0	0.0	2.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	5.4
30	0.0	0.0	0.0	6.7	4.3	0.9	1.0	30.7	1.5	1.8	20.7	6.6
31	0.0	0.0	0.0	0.0	41.0	0.0	0.0	27.3	0.0	1.2	0.0	1.3
Total	67.6	92.1	64.8	239.5	165.9	119.9	136.0	203.8	65.2	92.7	224.5	163.7
D.L.I.	10	11	7	17	13	18	18	18	12	22	23	20
TOTALES ANUALES						1635.7					189	

E R I L L O S C L A R E N H O R A S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	7.1			0.7	6.0	3.2	1.8		2.2	1.0	1.5	
2	7.8		5.9	0.8	0.8	2.3	1.9		1.6	4.3	0.9	
3		5.3	5.5	2.7	3.4	1.0	1.3		3.8	2.4	2.6	
4		2.6	4.4	1.3	0.8	0.0		2.7	5.3	2.0	6.6	2.6
5	9.7	2.4	9.1	0.5	6.0	4.8		6.4			6.1	
6		5.4			3.0	8.7		5.5	8.0	2.9	1.1	
7		1.2	6.9	0.4	5.2		2.0		3.6	0.0	1.4	
8		1.8	6.6	1.6	4.1	5.1	3.3		1.2		0.9	0.8
9	3.8	2.4	0.6	0.8	3.0	2.8	4.6		7.3		2.2	2.7
10	5.9		4.4	2.5	3.2	0.8		3.3	4.1	9.5	2.1	1.3
11	8.1	0.5	5.5	0.1	3.9	0.8		2.0		3.5	1.8	6.1
12			4.7	0.4	4.3	6.1		6.8		1.0	1.0	
13	8.3	0.3	5.1	0.7	5.4		1.9		0.1	0.7	1.5	0.0
14	6.0	3.3	4.1	1.5	4.0		9.7		2.5	2.3	0.5	
15	3.1	8.5	4.0	2.6	3.6	5.5	8.7		5.1	1.1	0.5	0.0
16	2.6			4.8	8.1	1.2	5.7	4.7	8.4	1.6	1.9	
17	2.4		5.1	5.1	7.3	1.7			1.6	5.0	5.1	
18	4.8		4.5	2.9	5.0	0.1		6.5	3.3	6.2	2.7	
19	1.9	7.6	9.3		2.9	6.6	3.9	0.2		3.8	1.9	2.8
20	5.3	7.6	4.4	1.6	1.3	6.6	4.9	4.2			1.9	7.0
21	2.9	6.5	6.1	2.2	2.4	2.8	3.1	6.8	3.8		3.7	9.1
22	3.8	0.0	6.1	1.2	3.8	6.3	1.9		4.6	0.8	3.4	4.9
23	4.6	1.7	4.1	4.1	2.0	5.2	0.4		2.7	7.1	1.6	1.4
24	6.9	2.6	7.1	7.8	4.6	3.3	3.5			6.9	1.7	5.5
25	5.3	3.4	8.0		1.6	1.7	2.7	0.6		4.3	1.5	
26	3.0	2.0		0.0	1.1	3.9	0.9	3.8	2.8	6.4	0.8	2.3
27	0.5	0.5		1.5	3.5	3.6	7.9		7.5	2.0	1.7	3.5
28	2.8	1.4		4.2	3.9	2.8				0.4	2.1	
29	0.0	2.6	1.0	4.0	5.9	4.3					2.4	1.3
30	2.0	0.0	1.9	4.9	1.5	7.4	2.3				2.1	0.7
31	10.1	0.0	1.2	0.0	4.7	0.0					0.0	
Total					116.3							
TOTAL ANUAL -												

ESTACION: LA UNION MUNICIPIO: LA UNION AÑO: 1.988

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

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	0.0	0.0	0.0	0.0	2.9	0.0	0.0	33.3	0.0	0.0	22.4	1.7
2	0.0	0.0	0.0	2.3	1.1	1.9	17.7	0.0	0.0	0.0	1.9	1.0
3	0.0	10.0	0.0	20.9	18.3	11.4	30.2	0.0	0.0	14.2	0.0	0.0
4	0.1	0.1	0.0	0.2	0.3	0.3	10.7	0.0	0.0	3.4	0.0	1.4
5	0.0	3.1	0.0	15.3	1.8	0.0	17.3	0.0	0.0	0.1	0.0	6.9
6	0.7	0.5	0.0	37.0	0.0	0.3	0.9	0.0	0.0	0.0	16.0	1.1
7	0.0	0.3	9.5	12.6	7.4	0.0	0.0	0.0	1.9	0.2	53.6	36.7
8	0.0	0.0	41.0	0.0	3.3	0.0	0.0	0.0	8.1	0.0	8.2	11.7
9	0.5	12.1	0.0	15.1	0.2	0.0	0.0	0.0	1.3	0.0	38.9	13.8
10	1.1	2.3	0.0	53.5	0.0	0.0	0.0	0.0	0.7	0.0	9.5	1.1
11	0.0	9.5	0.0	11.5	0.3	0.0	0.0	0.0	37.0	0.0	40.4	0.0
12	1.5	0.2	0.0	19.2	0.0	0.0	0.0	0.0	25.6	21.7	2.9	19.0
13	0.0	12.2	0.0	6.0	0.0	0.0	0.0	0.0	4.8	16.4	23.9	4.0
14	0.6	0.4	0.0	47.0	12.0	0.0	0.0	0.0	1.5	0.0	20.0	0.0
15	1.3	0.0	0.1	6.2	0.2	47.4	0.0	0.0	0.2	0.5	42.0	8.0
16	2.5	3.3	0.5	1.8	0.5	26.2	0.0	0.0	8.5	0.0	49.2	0.0
17	47.0	0.0	0.0	12.0	0.0	62.7	0.0	27.2	0.0	0.0	3.3	5.0
18	0.7	0.0	0.0	4.5	2.3	6.7	0.0	0.0	0.9	0.0	2.1	0.0
19	30.4	0.0	0.0	4.1	3.7	1.9	0.0	0.3	0.0	0.0	20.7	8.0
20	1.2	0.0	0.0	13.6	16.9	0.0	0.0	12.4	0.0	0.0	24.8	9.0
21	1.7	3.8	0.0	41.9	12.6	7.9	0.0	0.5	0.0	0.0	33.5	11.0
22	0.9	5.1	0.0	1.3	0.0	44.8	0.0	0.0	7.3	0.0	32.3	6.0
23	0.0	41.8	0.0	23.9	0.3	2.1	0.0	0.0	2.4	0.0	9.9	3.0
24	0.0	3.3	0.0	1.2	0.0	38.2	0.0	0.0	0.0	28.4	3.2	5.0
25	0.0	36.8	0.2	12.8	10.0	7.9	0.0	0.0	0.0	7.8	13.4	0.0
26	0.0	20.4	0.2	3.7	34.5	0.0	0.0	0.4	0.0	7.4	5.7	0.0
27	0.0	0.3	0.0	0.1	15.1	1.0	0.0	1.2	0.0	31.1	15.9	2.0
28	5.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	2.3	68.9	6.0
29	0.0	0.0	0.6	0.3	7.2	0.3	0.0	17.2	0.0	6.4	4.1	0.0
30	0.0	0.0	0.0	0.0	0.3	0.0	5.0	39.2	5.9	0.4	36.8	9.0
31	0.0	0.0	0.0	0.0	12.3	0.0	1.0	0.0	0.0	8.0	0.0	0.0
Total	95.2	165.5	52.1	368.0	164.8	261.0	82.8	131.7	106.1	148.3	602.5	170.4
D.L.I.	15	19	7	26	24	16	7	9	14	15	27	22
TOTALES ANUALES							2348.4				201	

BRILLO SOLAR EN HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	3.2	4.7	7.4	4.2	0.0	1.4	3.7	3.6	3.1	2.8	0.0	6.0
2	8.9	3.3	6.7	4.6	2.9	1.7	4.2	3.8	2.0	2.8	1.3	4.8
3	6.1	5.1	7.2	2.0	2.7	1.5	2.2	6.8	9.3	0.9	1.0	2.1
4	6.6	3.6	9.9	2.4	1.5	3.5	0.4	10.7	4.8	1.6	6.1	2.7
5	0.0	4.8	7.8	4.4	4.4	3.9	0.5	5.8	6.5	4.3	4.6	0.0
6	5.4	1.8	7.0	1.1	7.4	5.8	5.0	8.1	10.0	4.1	0.6	6.9
7	8.1	3.3	2.1	0.6	8.9	10.0	5.5	5.5	1.4	1.5	1.6	0.3
8	8.0	3.5	1.5	7.3	0.0	7.6	1.7	3.9	4.1	5.5	6.4	0.0
9	5.9	1.4	0.1	2.8	4.4	6.3	3.2		4.9	3.8	0.9	2.0
10	0.6	1.0	6.0	0.7	6.0	3.3	9.6		0.5	7.8	1.7	4.4
11	6.0	1.5	9.6	0.2	4.0	0.7	9.0	8.4	5.2	3.7	1.1	2.7
12	2.9	2.1	9.1	1.6	7.8	6.8	6.8	7.9	1.3	0.7	2.9	5.8
13	5.0	4.0	7.3	0.0	3.9	4.7	9.7	7.7	2.1	1.2	0.6	4.2
14	1.7	4.1	5.0	1.1	0.0	3.6	8.1	3.4	3.6	0.0	0.9	2.1
15	4.5	4.0	8.1	2.0	2.4	8.1	9.0	8.0	4.0	5.9	1.6	
16	1.1	3.8	0.0	3.5	7.3	3.1	4.6	6.7	8.5	8.2	1.6	
17	1.9	5.1	4.4	4.8	8.6	3.7	5.1	4.5	5.0	3.2	1.3	
18	3.3	6.3	4.9	4.7	5.8	0.1	6.0	9.4	0.8	2.9	4.2	
19	2.1	9.3	6.0	5.4	4.0	0.7	5.5	2.9	2.1	4.9	3.4	
20	5.7	8.0	8.3	1.1	4.2	2.0	4.3	2.8	3.5	6.4	0.6	
21	4.3	1.3	5.9	1.5	1.8	6.9	3.7	4.8	1.9	5.6	4.5	
22	1.2	3.9	3.1	6.3	2.4	2.6	8.5	5.6	6.1	1.7	2.3	
23	4.9	1.7	4.5	3.1	2.6	2.0	6.4	6.3	7.7	8.2	5.2	
24	6.5	1.4	7.2	2.1	7.7	1.1	4.4	3.7	4.0	6.2	1.4	
25	5.6	2.3	5.2	4.9	4.2	1.0	5.2	6.1	4.4	3.9	3.0	
26	6.3	0.3	0.5	1.2	0.5	7.8	8.9	5.6		3.6		1.6
27	3.4	0.9	3.4	2.0	0.0	5.4	10.5	1.3		2.7	1.8	
28	5.2	7.6	5.7	6.3	2.3	2.2	10.6	9.1		0.0	1.0	
29	0.8	7.4	0.5	3.1	5.6	7.1	7.4	2.6	4.5	5.9	3.4	
30	1.3	0.0	3.6	5.4	8.5	4.3	7.7	1.4	2.7	7.2	4.5	
31	0.5	0.0	7.5	0.0	3.1	0.0	6.1	0.8	0.0	2.1	0.0	
Total	127.0	107.5	165.5	90.4	124.9	118.9	183.5	157.2	114.0	119.3	69.9	
TOTAL ANUAL												

ESTACION: EL SENA MUNICIPIO: ARMENIA AÑO: 1.988

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

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

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	0.2	0.0	0.0	0.0	4.6	4.5	0.0	25.7	2.1	9.9	51.8	10.2
2	24.2	0.0	0.0	26.2	1.5	4.1	12.2	1.6	0.0	0.0	5.8	37.5
3	2.5	4.1	0.0	22.4	0.6	0.0	7.6	0.0	3.9	0.0	0.0	0.0
4	0.0	0.0	0.0	5.1	5.6	0.4	7.9	0.3	0.0	1.6	0.0	40.0
5	1.0	0.0	0.0	70.1	0.2	0.0	5.4	0.0	1.1	0.0	7.4	70.9
6	0.0	0.0	0.0	2.8	17.7	0.0	1.9	0.0	4.1	2.9	2.0	0.0
7	0.0	0.0	0.0	0.1	0.8	0.0	0.6	6.7	4.7	2.7	62.8	33.8
8	0.1	30.0	91.1	0.4	0.6	0.0	2.3	9.9	1.3	0.3	0.9	11.0
9	3.8	1.8	52.1	2.9	1.2	0.8	0.0	0.6	33.2	0.0	5.4	0.2
10	0.0	20.4	0.0	13.0	38.6	0.4	0.6	0.0	14.4	5.2	5.4	5.0
11	0.0	3.5	0.0	0.6	8.6	0.7	0.0	0.0	66.3	0.0	2.8	16.3
12	0.0	1.7	0.0	92.2	0.0	5.5	0.3	13.8	7.6	29.4	29.8	2.4
13	0.0	0.0	0.0	2.4	1.0	3.4	0.0	0.1	31.6	18.2	1.6	4.1
14	0.0	0.0	0.0	1.6	1.0	0.1	0.0	1.8	0.0	10.0	41.0	0.0
15	20.2	0.8	1.6	55.7	0.4	51.5	0.0	3.9	1.2	0.1	24.7	0.0
16	1.2	0.0	0.0	13.5	2.3	8.9	0.0	0.0	4.6	0.0	44.3	1.9
17	2.4	0.0	0.0	0.4	0.5	1.3	0.0	1.6	0.7	9.5	3.2	4.6
18	5.6	0.0	0.0	4.6	0.1	17.7	0.0	5.4	0.7	0.7	21.7	67.9
19	2.3	0.0	0.0	0.0	4.3	2.3	0.0	21.7	1.0	0.0	48.0	1.0
20	0.5	0.0	0.0	60.3	5.2	0.0	0.3	3.8	3.8	0.0	30.0	0.0
21	15.3	0.3	0.0	0.3	17.3	2.6	0.0	31.0	0.9	0.0	19.0	0.0
22	39.2	0.0	0.0	0.5	0.0	30.8	2.7	3.9	1.8	1.4	9.6	25.8
23	0.3	16.8	0.0	1.6	0.0	7.5	0.3	0.8	0.6	0.0	0.0	13.4
24	0.3	5.0	0.0	5.4	0.0	6.4	3.0	0.0	0.4	10.6	3.9	6.9
25	0.2	28.0	0.0	0.0	2.7	15.7	2.5	0.7	0.0	3.2	29.0	10.0
26	0.2	8.3	0.0	0.0	9.9	9.8	0.0	24.1	0.0	0.1	0.0	0.0
27	0.0	14.1	0.0	20.9	64.2	0.6	0.0	2.2	0.0	16.9	1.2	12.8
28	9.5	0.0	1.7	2.1	3.7	3.9	0.0	1.5	4.8	6.4	57.0	6.7
29	17.4	0.0	0.0	39.5	67.3	4.1	1.7	12.2	5.1	5.3	8.9	8.8
30	0.0	0.0	1.0	8.4	0.0	0.0	4.5	13.2	9.7	8.8	5.5	0.0
31	0.0	0.0	0.0	0.0	8.5	0.0	0.0	11.8	0.0	2.2	0.0	10.1
Total	146.4	134.8	147.5	453.0	268.4	183.0	53.8	198.3	205.6	145.5	517.7	401.3
D.LL.	20	13	5	26	26	23	16	24	24	21	26	23

TOTALES ANUALES 2655.3 247

E R I L L O S O L A R E N H O R A S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	6.1	5.9	6.1	1.7	4.6	3.2	2.5	3.4	3.8	1.1	1.2	0.7
2	6.9	2.6	7.6	0.1	0.9	2.5	1.7	1.4	4.5	0.1	0.5	3.6
3	6.9	5.6	4.7	1.8	3.4	0.1	0.0	2.8	3.7	1.4	2.6	
4	4.6	0.9	5.5	1.0	0.7	5.7	1.1	4.0	7.2	3.6	3.4	2.3
5	4.8	2.4	6.4	2.7	4.6	8.8	0.2	3.6	2.0	3.2	3.7	1.2
6	3.7	2.8	5.1	0.0	4.1	5.6	0.5	6.1	3.9	3.8	0.8	2.7
7	4.0	5.3	5.1	0.2	4.6	6.8	1.0	3.9	0.0	0.3	3.7	0.0
8	6.4	6.5	3.9	4.2	3.2	1.8	4.1	1.1	1.6	0.0	0.6	1.6
9	5.5	0.1	0.0	0.6	4.6	2.1	4.1	5.1	2.7	3.5	1.3	3.1
10	5.4	2.7	8.4	0.0	1.6	1.5	5.0	2.2	1.8	4.9	0.7	5.7
11	4.3	0.6	9.4	0.0	4.0	2.3	5.8	4.2	2.6	3.0	1.0	3.8
12	8.6	3.3	7.8	0.2	0.7	1.0	3.3	3.4	1.9	0.1	0.0	4.0
13	6.5	1.2	7.8	0.0	3.4	2.0	8.4	5.1	1.1	1.3	2.3	1.4
14	4.3	5.6	8.1	4.7	0.4	1.0	9.0	1.0	2.8	1.3	1.4	0.2
15	3.1	4.9	6.9	0.0	1.4	6.2	8.9	4.3	5.0	0.3	1.5	5.4
16	1.4	5.7	1.0	4.1	5.9	1.1	5.8	3.5	6.2	5.3	1.2	5.2
17	2.6	2.7	6.9	4.3	2.3	0.3	5.6	1.3	2.6	4.2	0.3	3.6
18	1.9	7.9	5.7	1.2	0.9	0.1	6.5	6.4	2.2	2.9	5.0	4.2
19	3.7	7.7	8.7	3.8	1.0	1.3	4.4	1.7	0.6	3.6	3.8	0.4
20	6.0	7.1	8.6	3.0	3.5	3.9	4.7	1.2	4.1	8.7	0.8	5.0
21	4.9	4.6	7.4	0.6	3.7	4.8	3.1	0.0	3.6	2.2	4.0	4.3
22	5.4	1.1	5.9	1.7	4.1	3.2	3.5	1.2	2.2	1.5	1.2	4.2
23	6.3	3.4	4.8	2.8	1.0	3.7	0.6	5.8	4.9	7.2	7.5	3.4
24	7.3	0.9	6.9	2.6	3.7	0.7	4.0	2.3	4.6	4.4	0.7	3.9
25	5.7	0.5	8.3	6.2	0.8	1.8	4.6	1.5	4.3	2.6	1.6	1.9
26	8.7	2.0	1.6	1.4	0.3	3.2	6.3	3.0	2.5	5.4	3.2	0.8
27	4.6	0.0	1.1	2.6	2.1	5.5	4.4	3.7	5.2	0.7	3.6	3.8
28	5.6	5.4	3.7	5.7	1.0	1.4	6.6		5.0	0.2	2.0	2.5
29	0.0	7.1	1.4	0.0	4.0	4.1	3.0	1.8	4.1	2.5	2.2	0.1
30	4.5	0.0	1.9	2.9	4.3	2.4	3.3	0.2	0.4	1.6	4.0	2.0
31	7.9	0.0	5.8	0.0	2.1	0.0	1.7	0.0	0.0	4.1	0.0	3.2
Total	157.6	106.5	172.5	60.1	82.9	88.1	123.7		97.1	85.0	65.6	84.2

TOTAL ANUAL -

ESTACION: INGENIO SAN FRANCISCO MUNICIPIO: LA VIRGINIA AÑO: 1.988

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

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

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	0.0	0.0	0.0	1.5	4.5	0.5	17.8	11.4	0.0	11.6	8.3	2.8
2	2.7	0.0	0.0	6.4	0.8	0.5	54.5	0.2	7.0	29.5	8.2	7.4
3	0.0	0.3	0.0	27.4	0.0	0.0	20.0	0.0	0.4	0.0	0.0	1.4
4	1.7	5.3	0.0	1.7	1.6	0.0	16.9	0.0	0.0	0.2	0.0	25.4
5	0.0	1.0	0.0	17.4	26.8	0.0	15.2	0.0	0.0	0.3	6.6	2.0
6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	9.5	1.1	1.4
7	6.4	0.0	0.6	0.0	0.0	0.0	0.4	5.1	0.6	1.0	39.9	5.9
8	0.2	44.3	30.1	0.4	26.2	0.0	0.0	0.0	0.0	0.0	0.6	1.1
9	2.6	0.0	25.2	9.7	2.8	0.0	0.0	0.0	6.9	0.0	9.7	0.0
10	0.1	0.0	0.0	40.3	0.0	4.8	0.0	11.3	0.8	0.0	17.4	0.0
11	0.0	0.2	0.0	1.5	1.4	0.4	0.8	0.0	49.6	2.9	0.3	0.0
12	0.0	18.6	0.0	18.5	1.2	0.0	0.0	17.3	3.8	2.3	46.0	24.0
13	0.0	1.0	0.0	3.0	7.6	0.5	0.0	0.0	10.9	2.1	22.4	14.4
14	17.2	0.2	0.0	15.3	0.0	0.0	0.0	1.1	0.0	22.9	8.9	1.2
15	0.8	0.0	0.0	15.6	0.0	2.4	0.0	31.5	8.2	1.3	24.0	4.6
16	1.3	0.0	0.0	0.9	10.1	8.7	0.0	21.3	0.6	0.0	2.5	16.9
17	11.0	0.0	0.0	0.5	15.3	15.3	0.0	0.0	2.7	30.9	3.1	0.0
18	2.5	0.0	0.0	0.0	25.4	24.0	0.0	0.0	0.4	1.9	0.0	0.0
19	1.7	0.0	0.0	0.0	1.3	0.0	1.4	42.6	0.5	0.0	0.0	0.0
20	0.0	0.0	0.0	5.7	2.4	0.1	0.1	21.6	5.6	0.0	1.1	0.0
21	1.2	0.0	0.0	0.0	4.6	0.1	0.0	14.7	3.8	10.2	3.5	0.0
22	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.9	23.7	0.0	11.8	0.0
23	0.0	0.0	0.0	0.0	1.3	59.0	0.0	0.0	16.3	0.1	2.7	0.0
24	0.3	0.0	0.0	30.5	0.0	12.1	8.0	1.8	0.1	9.5	0.0	24.6
25	0.0	15.9	0.0	0.0	43.0	0.4	13.0	0.0	0.0	4.7	7.5	1.7
26	0.0	14.2	0.0	9.9	4.9	0.0	3.5	45.0	0.0	0.0	0.0	0.4
27	0.0	59.5	0.6	1.4	67.2	2.8	0.0	0.0	0.0	0.4	1.3	21.9
28	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.9	29.0	35.2	1.6	15.1
29	0.0	0.0	0.0	8.3	28.3	9.4	5.0	22.0	21.5	0.7	9.6	2.6
30	1.3	0.0	16.8	16.9	0.0	0.0	20.5	13.6	1.4	5.1	3.5	14.0
31	0.0	0.0	2.5	0.0	6.0	0.0	0.2	16.0	0.0	0.0	0.0	24.7
Total	51.1	160.5	75.8	232.8	288.1	150.4	177.3	278.3	201.9	182.3	241.6	213.5
D.LL.	16	11	6	21	22	17	15	18	22	21	24	21
TOTALES ANUALES							2253.6				214	

E R I L L O S O L A R E N H O R A S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	9.7	6.6	8.0	3.8	4.5	5.5	4.7	5.0	4.8	6.6	4.7	4.2
2	7.8	2.7	7.7	0.0	1.7	4.9	1.9	3.1	6.4	5.4	2.3	3.8
3	6.3	6.7	9.9	5.4	7.5	0.6	3.7	5.3	4.9	5.6	5.2	3.7
4	7.2	1.1	6.5	4.4	0.1	6.3	3.3	7.1	8.6	5.8	8.9	5.1
5	7.3	6.6	8.0	6.0	6.2	8.7	3.5	7.5	5.8	5.3	7.2	4.3
6	6.8	4.0	8.0	0.4	5.8	7.9	5.5	6.2	7.0	6.0	5.4	6.3
7	5.5	6.3	8.8	5.8	7.3	8.7	6.9	7.5	0.1	5.2	7.2	2.0
8	7.8	9.5	7.8	6.9	8.0	2.0	4.1	3.1	6.1	1.3	6.7	4.7
9	7.8	0.0	0.0	2.3	7.9	3.4	6.1	6.8	4.1	7.5	4.8	7.4
10	6.7	7.0	8.6	2.1	6.0	6.2	4.9	5.0	4.4	8.3	5.5	7.1
11	8.5	2.8	10.2	1.0	6.7	5.4	4.9	5.5	3.7	3.5	5.5	6.7
12	9.5	7.6	9.6	4.4	5.5	3.0	6.0	3.4	0.9	3.8	8.6	7.4
13	7.4	6.2	9.3	0.1	7.8	4.3	5.1	9.8	1.3	2.1	4.6	3.8
14	6.6	9.6	9.7	9.5	7.9	6.3	7.5	3.7	3.0	0.7	5.6	1.4
15	5.4	8.7	9.9	5.0		6.1	7.8	7.5	8.1	0.5	6.0	9.0
16	4.3	9.7	5.3	7.6	10.7	1.9	5.3	6.3	8.7	8.8	2.5	7.3
17	5.4	6.5	9.5	9.0	5.2	2.8	5.9	3.3	8.3	6.6	5.7	7.7
18	5.5	10.1	8.3	5.9	3.8	0.1	7.1	7.9	5.8	5.4	8.5	8.3
19	4.5	10.0	10.0	2.7	5.5	6.6	6.2	3.2	7.6	8.1	4.4	4.8
20	8.8	8.0	9.7	5.5	2.3	8.0	6.2	3.6	2.9	9.6	4.5	8.1
21	8.5	8.2	9.8	4.2	5.6	10.0	4.4	3.2	7.5	7.6	4.3	6.3
22	10.1	4.8	8.9	6.2	9.1	5.8	4.5	5.4	5.2	2.7	3.1	3.9
23	7.3	6.6	7.2	5.8	2.1	4.1	3.5	8.6	6.3	9.1	9.1	7.0
24	8.5	3.2	8.3	7.9	5.8	3.6	5.5	2.5	8.6	6.6	4.5	8.2
25	7.5	4.2	8.6	7.9	2.8	2.4	8.7	5.6	5.7	1.7	5.7	6.8
26	9.4	3.5	2.9	3.3	3.8	7.2	7.6	4.6	3.1	7.8	7.8	4.6
27	8.9	0.0	6.9	6.0	7.4	9.9	7.2	3.2	8.2	4.9	7.0	5.7
28	9.3	9.0	5.6	8.7	2.6	8.6	8.6	3.8	9.2	4.3	2.5	5.7
29	0.1	9.2	1.0	1.1	8.3	7.1	5.2	4.9	6.2	5.7	4.9	2.7
30	7.9	0.0	6.4	6.1	6.9	4.1	7.1	2.0	1.8	6.4	7.0	8.0
31	7.2	0.0	8.6	0.0	5.8	0.0	5.0	0.0	0.0	7.3	0.0	7.4
Total	223.9	178.4	239.0	145.0	170.6	161.5	173.9	154.6	164.3	170.2	169.7	179.4
TOTAL ANUAL = 2130.5												

ESTACION: AGUAS BLANCAS MUNICIPIO: SAN VICENTE AÑO: 1.988

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

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	0.0	0.0	9.1	15.7	2.5	0.7	4.0	0.0	0.8	0.0	14.7	37.3
2	0.0	0.0	0.0	19.3	0.3	3.6	0.4	19.4	3.8	10.9	0.8	42.0
3	0.0	20.5	0.0	49.1	3.1	0.0	0.6	5.7	1.8	1.3	0.8	37.6
4	0.0	1.8	0.0	11.8	10.2	4.0	9.6	3.3	1.4	4.2	0.5	2.5
5	0.0	21.7	0.0	28.9	0.0	0.0	3.1	3.4	0.6	14.5	27.3	5.6
6	0.0	13.4	0.0	1.4	0.5	0.0	0.8	17.0	5.2	6.3	0.0	2.8
7	0.0	0.2	0.0	0.0	0.3	30.7	0.0	14.8	4.3	0.8	3.3	2.1
8	0.0	20.2	8.9	3.8	4.6	0.0	2.4	10.0	11.4	1.6	1.3	3.2
9	0.0	0.6	0.0	3.6	0.5	0.0	1.8	19.4	5.5	0.0	13.5	0.4
10	0.0	52.0	0.0	14.3	0.0	8.7	12.1	5.7	0.6	0.6	7.2	0.4
11	0.0	0.0	0.0	0.3	3.0	6.9	1.1	0.9	0.0	0.4	0.9	0.0
12	0.0	24.2	32.9	8.0	2.0	6.0	5.8	0.5	0.2	35.2	2.4	0.0
13	0.0	0.2	10.1	7.4	5.8	6.0	2.0	0.0	6.6	33.0	1.1	1.0
14	0.0	0.0	0.1	2.0	0.0	5.6	0.9	31.7	0.0	22.2	67.6	8.6
15	13.6	11.7	0.0	0.0	0.1	3.8	0.0	6.8	0.0	2.2	0.1	0.0
16	10.1	0.0	0.0	0.1	0.0	23.8	6.0	3.3	0.0	0.5	9.8	0.0
17	6.4	0.1	0.0	0.2	30.9	6.0	0.9	6.4	0.0	0.4	0.7	0.0
18	0.0	0.0	0.0	24.6	2.1	3.2	13.0	0.7	0.0	0.0	0.1	7.7
19	0.0	0.0	0.0	0.3	4.1	4.0	7.7	2.2	0.0	5.9	13.0	0.0
20	0.0	0.0	0.0	0.0	0.3	0.0	0.4	25.9	0.0	46.2	4.2	0.4
21	0.0	24.6	0.5	0.0	0.6	0.0	1.4	24.0	0.0	26.7	12.4	0.0
22	0.0	0.0	0.0	16.1	0.1	0.0	0.4	0.7	1.9	0.0	0.0	0.0
23	0.0	2.3	0.0	0.1	0.0	0.0	1.9	2.3	2.8	0.0	0.0	1.4
24	0.0	14.4	0.0	0.0	0.0	4.8	4.0	0.0	0.4	19.7	2.5	0.2
25	0.0	32.6	0.0	0.0	7.7	5.2	8.0	1.3	3.7	1.6	8.8	0.0
26	0.0	44.0	0.0	0.0	4.2	8.6	0.0	0.0	0.3	0.0	0.0	1.1
27	0.7	18.7	0.2	2.4	17.9	3.6	3.2	0.9	3.8	2.5	0.0	0.0
28	0.0	0.0	0.0	0.5	0.0	9.9	0.3	0.6	0.0	1.2	1.7	8.5
29	4.8	0.0	4.0	54.2	0.0	0.8	38.0	8.5	1.1	0.0	5.3	7.0
30	0.0	0.0	0.1	1.5	0.4	0.0	0.0	8.1	9.8	0.0	0.0	1.5
31	0.0	0.0	0.0	0.0	1.0	0.0	4.7	0.0	0.0	0.6	0.0	0.0
Total	35.6	303.2	65.9	265.6	102.2	145.9	134.5	223.5	66.0	236.5	200.0	171.3
D.L.	5	18	9	23	23	20	27	26	20	23	24	20

TOTALES ANUALES 1952.2 238

BRILLO SOLAR EN HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	5.5	3.1	3.3	1.8	1.8	2.8	0.2	3.4	3.1	1.6	0.6	4.1
2	3.3	4.2	2.1	2.0	4.1	1.8	1.3	2.5	2.6	3.8	1.5	4.2
3	3.1	1.3	8.6	1.8	5.7	0.3	4.2	4.0		1.4	0.2	4.2
4	5.0	0.2	8.0	1.6	1.2	6.8	4.4	5.9		1.8	4.6	2.4
5	5.6	0.0	7.6	5.3	4.1	7.0	3.0	3.5	4.3	4.3	5.0	1.7
6	4.3	3.4	7.5	0.0	2.8	7.4	5.4	5.5	2.4	5.5	2.9	2.9
7	2.2	2.0	7.4	2.3	6.2	6.1		4.8	0.1	2.1	3.1	0.8
8	4.2	5.3	0.9	1.8	2.8	7.5	3.2	1.2	1.8	0.4	0.6	0.2
9	3.4	2.5	2.0	0.0	3.7	4.5	5.8	4.2	3.6	3.6	4.7	2.1
10	4.9	2.1	5.1	0.1	3.1	1.1	5.6	0.9	1.1	2.9	3.6	4.6
11	4.2	0.5	5.2	1.2	3.8	3.5	8.1	2.4	1.5	3.7	3.5	0.4
12	4.7	4.1	3.1	4.0	4.7	2.8	2.6	2.4	0.5	0.3	1.7	4.0
13	3.8	1.1	2.6	1.3	4.7	5.3	4.6	1.9	3.5	0.5	1.6	1.5
14	3.8	4.1	2.8	3.7	0.1	3.7	7.7	2.8	3.3	3.0	1.1	0.5
15	2.9	1.6	1.3	3.7	3.9	5.2	7.9	0.4	6.5	1.2	1.0	2.6
16	1.5	4.3	0.2	1.2	6.3	4.8	7.9	4.6	7.0	2.6	0.2	5.6
17	2.2	3.7	1.5	5.0	6.3	4.3	8.1	4.4	1.6	3.4	0.7	5.9
18	0.3	6.6	7.3	3.6	5.7	0.2	8.2	5.4	1.2	1.7	3.0	3.7
19	1.5	5.3	8.9	4.4	5.3	2.7	4.8	3.3	1.3	3.5	1.1	2.4
20	4.7	5.4	5.1	3.2	0.9	2.8	7.0	2.2	4.7	6.7	3.2	4.8
21	4.8	5.1	6.4	2.8	6.0	3.5	6.2	1.7	5.1	3.6	3.7	5.6
22	3.8	2.2	3.4	0.3	5.5	3.6	3.7	2.0	3.3	1.1		3.4
23	5.7	1.2	0.6	3.4	1.8	0.0	4.0	6.8	8.8	5.1	4.7	2.0
24	4.6	1.8	4.0	2.4	7.4	1.5	6.5	3.8	2.8	4.7	1.8	0.9
25	3.6	1.5	5.5	2.0	6.2	5.3	5.8	2.6	4.5	5.2	2.5	1.3
26	3.2	0.0	5.4	0.6	2.3		3.9	2.6	1.6	4.8	3.4	1.5
27	2.0	1.3	0.1	1.7	5.8	6.3	3.6	0.2	4.8	2.3	4.5	3.2
28	2.6	3.1	0.7	6.0	4.7	4.8	6.6	4.5	4.5	0.8	4.2	3.0
29	3.3	2.8	0.0	5.0	5.0	3.8	5.4	2.0	7.0	1.4	1.5	0.9
30	0.2	0.0	0.4	0.6	3.8	8.7	0.4	1.9	2.0	4.1	2.5	0.2
31	5.4	0.0	3.0	0.0	7.0	0.0	7.3	1.4	0.0	0.8	0.0	2.1
Total	110.3	79.8	120.0	72.8	132.7			95.2		87.9		82.7

ESTACION: LA PRIMAVERA MUNICIPIO: IBAGUE AÑO: 1.988

ALTITUD: 1.300 LATITUD: 4-25 N. LONGITUD: 75-15 W.

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1											0.0	14.2
2											10.0	0.1
3											0.0	10.1
4											0.0	45.0
5											0.0	10.1
6											31.3	54.2
7											0.0	19.6
8											0.4	0.5
9											0.5	0.0
10										0.0	17.5	0.6
11										0.0	25.0	24.5
12										22.2	10.0	0.0
13										9.7	4.2	60.7
14										0.7	44.2	0.0
15										0.7	1.8	0.0
16										4.1	14.2	0.0
17										5.9	0.0	0.0
18										0.0	0.9	14.0
19										0.0	10.8	0.0
20										7.3	8.7	0.0
21										2.7	7.5	0.0
22										0.3	8.8	0.0
23										0.0	2.1	2.8
24										0.0	13.3	0.0
25										0.0	26.8	4.6
26										0.2	20.1	2.6
27										0.0	0.0	2.5
28										10.7	0.0	0.7
29										1.8	40.6	19.7
30										49.1	0.1	9.7
31										0.0	0.0	0.4
Total										115.4	298.8	296.6
D.L.										13	22	20

TOTALES ANUALES

BRILLO SOLAR EN HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1											1.6	3.5
2											2.7	2.9
3											3.8	0.5
4											6.4	2.0
5											8.6	3.1
6											0.0	2.2
7											3.1	2.6
8											3.9	4.2
9											3.0	3.1
10										3.6	4.0	7.1
11										6.9	1.5	8.6
12										1.2	3.2	5.6
13										0.9	2.9	2.9
14										3.1	5.1	1.5
15										2.3	2.0	5.2
16										2.8	1.3	8.2
17										4.3	4.0	8.9
18										1.6	4.8	1.9
19										6.3	3.5	3.8
20										5.4	2.5	7.4
21										1.7	4.2	9.4
22										7.2	3.8	8.0
23										9.3	5.5	3.3
24										8.9	0.3	4.5
25										6.8	3.9	2.4
26										0.7	3.3	2.0
27										8.8	3.4	1.7
28										5.9	3.4	2.6
29										8.6	0.6	1.1
30										4.4	5.1	1.6
31										2.8	0.0	2.1
Total											101.4	123.9

ESTACION: LA MONTAÑA MUNICIPIO: COLORES AÑO: 1.988

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

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.2	0.0	38.2	40.0	77.0
2	0.0	0.0	0.0	0.0	2.5	0.0	29.0	4.0	0.0	20.3	2.2	6.0
3	0.5	0.0	0.0	0.0	0.3	0.6	6.4	0.3	0.0	3.9	0.0	30.0
4	0.0	0.0	0.0	2.2	2.5	4.1	1.6	0.0	0.0	2.7	0.0	23.0
5	0.0	0.0	5.1	8.2	0.0	0.4	9.9	0.8	0.0	0.0	0.0	5.0
6	0.0	0.3	0.0	6.9	0.0	0.0	9.4	0.0	0.0	0.0	2.5	20.0
7	0.0	0.0	0.0	1.8	0.0	0.0	0.8	0.0	0.0	0.0	1.8	10.0
8	0.0	0.0	0.2	3.3	0.8	1.6	0.8	3.2	0.0	0.0	8.4	0.0
9	0.0	2.1	1.5	3.6	0.6	1.8	0.0	1.1	29.0	0.0	0.4	0.0
10	0.0	1.6	5.1	26.0	0.0	1.5	1.0	0.0	0.4	0.0	1.7	0.0
11	0.3	25.4	0.0	4.2	0.0	0.5	7.9	0.0	6.6	0.0	30.0	0.0
12	0.0	88.3	0.0	26.3	0.0	0.0	0.0	0.0	1.3	13.6	0.0	8.0
13	0.0	0.7	0.0	7.0	0.0	0.0	0.0	0.0	1.0	12.9	48.0	0.0
14	0.0	0.0	0.0	119.0	0.0	0.2	0.0	0.0	2.4	8.8	10.0	0.0
15	0.2	0.0	8.6	1.0	0.1	6.0	0.0	1.1	7.8	21.0	3.8	17.0
16	8.1	0.0	7.9	0.7	0.0	31.4	0.0	1.5	0.0	18.2	0.0	0.0
17	50.8	0.0	0.6	1.5	0.0	9.5	0.0	3.1	0.0	0.0	38.0	0.0
18	1.8	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	0.2	26.0	0.0
19	1.1	0.0	0.0	0.5	7.4	2.3	0.0	1.4	1.8	28.3	4.8	0.0
20	0.1	0.0	0.0	23.2	0.2	0.2	0.0	0.0	2.6	0.9	1.3	0.0
21	0.0	2.3	0.0	0.0	1.7	4.4	0.7	2.6	9.6	0.0	85.0	0.0
22	0.0	1.8	0.0	6.1	10.3	1.8	0.0	0.0	3.8	0.7	21.6	32.0
23	0.0	1.7	0.0	9.9	0.2	0.1	0.0	0.0	13.0	6.1	17.0	8.0
24	0.0	1.6	0.0	30.0	0.0	6.1	9.1	0.0	0.2	5.3	20.0	15.0
25	0.0	12.9	0.0	0.0	0.3	0.0	5.9	0.0	0.2	8.7	62.0	0.0
26	0.0	2.9	0.0	0.0	3.7	0.0	2.4	1.0	0.0	8.5	0.0	22.0
27	0.0	1.8	0.0	0.0	41.0	0.0	0.0	0.0	0.0	8.7	5.0	0.0
28	0.0	0.0	0.0	0.9	24.5	5.3	0.0	0.0	0.0	0.0	8.5	20.0
29	0.0	0.0	14.0	1.1	0.6	0.1	0.0	6.3	0.0	0.7	10.0	0.0
30	0.0	0.0	0.0	3.2	0.0	0.3	11.7	3.1	13.5	1.1	20.0	0.0
31	0.0	0.0	0.0	0.0	8.4	0.0	9.3	0.6	0.0	2.5	0.0	0.0
Total	62.9	143.4	43.0	287.6	105.1	72.2	166.8	32.3	95.2	205.3	468.0	293.0
D.LL.	8	13	8	23	17	19	16	15	16	21	24	14

TOTALES ANUALES 1914.8 194

BRILLO SOLAR EN HORAS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	6.1		5.4	8.7	5.7	0.3	5.2	6.4	6.9	4.9	0.4	4.2
2	7.0	5.7	6.4	6.8	1.5	6.0	2.6	4.7	4.0	3.3	7.8	0.5
3	6.6	5.2		2.6	9.3	1.9	1.4	7.2	5.0	1.5		0.3
4	6.8	3.6		3.1	9.1	2.7	0.3	9.5	2.9	5.2	1.9	2.5
5	7.4	1.4		1.9		2.7	1.4	9.0	3.3	8.1	9.4	4.7
6	5.2	6.0	7.4	0.0	4.8	6.5	4.9	8.4	9.0	3.6	2.1	1.0
7	6.3	1.5	7.8	0.2	4.9	8.3	4.2	6.2	5.2	2.7	1.8	0.8
8	5.3	3.1	3.2	6.3	5.8	8.8	2.2	7.1	0.5	6.1	3.8	2.2
9	4.3	3.9	2.5	2.2	7.9	1.6		8.0	5.0		0.1	2.2
10	6.6	2.9	4.9		3.5	1.3		5.2	0.4		1.8	
11	6.8	2.5	7.3	1.3	2.6	1.1		1.0	5.4	2.2	0.5	
12	7.5	4.4	6.5	2.1	5.3	3.7			0.1	3.0	2.0	
13	8.0		5.3		1.0	1.7	1.8		1.8	4.0	0.2	0.6
14	5.1		6.1	5.8	4.2	1.6	10.4		2.6	2.4	1.9	1.2
15	4.7		5.0		2.6	9.2	9.8	3.5	4.6	0.0	0.9	3.8
16	0.8	6.8	0.0	8.4	10.2	4.4	7.4	5.3	8.8	0.9	2.5	4.9
17	4.0	6.0	7.4		7.1	4.1	8.3	0.8	6.7	1.9	2.2	
18	3.6	4.9	6.0	4.8	1.8	0.1	8.9	7.4	0.9	0.8	4.2	5.2
19	4.3	7.6	8.1	4.4	2.1	4.5	7.2	5.9	2.2	5.8	1.1	2.5
20	5.6	6.3	5.1	3.1	3.0	10.4		1.6	4.5	6.0	3.0	6.2
21	4.4	3.6	5.0	1.5	1.5	4.6	0.3		3.3	1.2	3.7	8.9
22	1.9	1.8	6.5	0.8	2.2	3.5	2.4		3.0	4.8	5.1	
23	5.2	4.3	8.0	3.7	1.0	3.7	5.3		4.6	8.5	3.2	2.0
24	7.8	1.5	6.4	4.4	7.5	3.5	5.3		4.3	5.6	0.5	5.3
25	5.0	4.7	7.5	5.7	4.7	3.3			5.8	7.2	3.0	1.4
26	5.1	2.7	3.1	1.3	4.6	6.3			3.1	4.9	1.2	0.5
27	1.4	0.0	0.2	3.2	1.5	6.0	9.6		7.2	4.8	3.6	5.0
28	4.7	0.6	4.8	1.2	3.0	5.0	9.8		4.0		1.7	2.1
29	1.5	6.4	1.8	1.1	6.1	7.0	4.7	7.1	6.0	7.3	4.0	1.2
30	2.8	0.0	2.8	3.6	0.9	9.7	3.4	3.8	2.1	4.1	3.5	1.4
31	8.9	0.0	3.7	0.0	4.4	0.0	3.5	0.2	0.0	3.0	0.0	3.0
Total	160.7					133.5			123.2			

TOTAL ANUAL

ESTACION: VENECIA MUNICIPIO: CAICEDONIA AÑO: 1.988

ALTITUD: 1.170 LATITUD: 4-20 N. LONGITUD: 75-55 W

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

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	0.0	0.0	0.0	0.0	19.8	2.9	0.1	2.4	0.8	13.8	12.5	17.7
2	0.0	0.0	0.0	48.7	4.6	4.5	6.4	0.0	1.2	9.3	9.6	3.9
3	0.0	28.1	0.0	19.1	0.0	0.0	16.1	0.0	9.5	0.0	0.0	13.6
4	0.0	0.0	0.0	0.1	0.0	0.2	10.4	0.0	6.0	2.3	0.0	7.6
5	0.0	0.1	0.0	20.8	0.0	0.0	22.2	0.0	0.0	0.0	41.3	0.0
6	0.0	6.9	0.0	2.8	13.4	1.1	0.5	0.0	4.1	42.9	25.8	1.9
7	0.0	0.0	0.0	0.0	0.0	1.9	25.5	9.5	7.9	24.2	10.6	
8	0.0	5.6	35.9	0.0	4.1	0.0	7.7	3.7	0.5	0.8	5.7	1.5
9	0.0	3.0	36.9	64.2	0.0	0.1	0.0	0.6	9.4	0.0	5.2	0.0
10	0.0	7.3	0.0	34.9	1.2	0.0	0.3	0.0	0.0	0.0	19.2	0.4
11	0.0	5.5	0.0	0.3	1.5	0.4	0.7	39.8	18.5	18.7	0.6	0.0
12	0.0	0.8	0.0	49.8	0.0	0.0	0.0	0.0	13.1	5.8	22.8	0.1
13	0.0	0.0	0.0	0.6	32.0	7.3	0.0	0.1	12.8	27.4	7.0	5.7
14	0.1	0.0	0.0	4.0	5.6	2.2	0.0	0.2	0.2	9.0	101.6	0.0
15	10.0	0.0	0.0	38.9	1.2	7.5	0.0	0.3	0.2	0.0	35.9	0.0
16	0.0	0.0	0.0	0.1	0.0	42.5	0.0	5.5	0.0	0.0	33.1	0.4
17	30.5	0.0	0.0	0.0	0.8	0.0	0.0	8.4	4.4	11.0	0.0	0.0
18	1.9	0.0	0.0	0.7	0.0	15.0	0.0	0.0	8.5	0.0	3.7	4.2
19	13.3	0.0	0.0	1.9	0.6	1.2	0.0	23.7	1.0	0.0	0.1	0.0
20	0.0	0.0	0.0	64.7	0.6	0.0	0.1	18.5	4.2	0.0	0.1	0.0
21	0.0	0.0	0.0	0.0	0.3	0.0	0.6	23.5	0.7	18.4	7.2	12.8
22	0.0	0.0	0.3	0.3	0.0	28.6	0.0	2.5	0.6	0.0	24.6	33.8
23	0.0	0.3	0.0	0.0	1.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	1.0	0.0	39.1	0.0	8.0	1.3	9.9	0.0	43.3	3.7	27.5
25	0.0	39.3	0.0	0.0	3.4	17.3	2.2	0.2	0.0	3.0	3.9	7.9
26	0.0	2.1	0.0	10.3	3.4	0.0	29.6	21.8	0.0	0.0	0.0	1.4
27	0.0	7.0	0.0	0.1	43.1	2.5	0.0	1.1	0.0	2.4	0.0	51.5
28	9.2	0.0	0.0	0.1	1.0	0.3	0.0	0.0	0.0	28.3	23.8	16.2
29	0.3	0.0	0.1	1.3	12.3	2.1	20.1	24.2	13.4	0.0	24.0	0.0
30	0.0	0.0	0.3	16.8	0.0	0.2	0.2	16.2	9.5	41.0	3.3	11.1
31	0.0	0.0	1.0	0.0	4.8	0.0	0.0	3.9	0.0	0.6	0.0	10.2
Total	65.3	107.0	74.5	419.8	154.9	147.4	120.4	232.0	128.1	285.9	438.9	241.0
D.LL.	7	13	6	23	20	20	17	21	21	18	24	21

TOTALES ANUALES 2415.2 211

E R I A L E S O L A R E N H O R A S

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPTIEM	OCTUBRE	NOVIEMBR	DICIEM
1	8.0	7.6	6.5	4.0	3.4	4.4	2.6	5.6	3.7	3.3	2.9	4.1
2	6.1	2.3	7.1	0.1	3.3	3.5	2.8	3.3	5.2	1.3	0.4	4.6
3	6.9	6.7	8.3	2.9	5.3	1.8	1.3	5.5	4.6	0.7	3.2	2.5
4	6.4	1.2	7.8	1.2	1.8	7.2	1.4	6.4	7.1	2.4	5.2	2.5
5	5.3	2.2	8.8	3.8	4.8	8.0	4.0	5.6	4.8	4.9	5.7	3.4
6	4.9	4.1	7.7	0.4	4.0	6.0	4.7	8.2	7.4	6.2	4.3	4.4
7	5.7	5.1	8.1	0.5	6.9	9.2	2.9	6.5	0.3	5.3	7.4	0.0
8	6.3	7.2	5.0	6.1	5.7	3.4	4.3	3.4	2.2	0.6	2.6	2.0
9	5.7	0.1	0.0	1.7	6.1	2.7	6.7	6.6	6.7	5.6	1.2	3.7
10	5.8	3.7	8.2	1.1	2.9	6.6	5.8	5.0	2.1	8.4	2.6	6.3
11	4.3	2.1	10.2	0.4	5.8	4.8	6.4	5.8	4.1	3.0	1.4	6.1
12	6.4	4.6	7.1	2.1	3.5	1.8	6.2	6.0	1.0	0.7	2.0	6.9
13	6.2	3.2	8.5	0.6	3.2	5.2	9.7	5.9	1.4	1.1	1.7	3.1
14	4.9	4.8	9.8	6.9	3.0	2.7	10.0	1.2	0.5	0.1	2.8	0.0
15	3.8	8.0	9.3	0.2	0.1	5.6	8.3	5.2	7.7	1.5	2.8	7.0
16	2.2	6.8	0.4	7.3	10.1	3.5	8.0	5.7	6.9	6.2	2.9	7.6
17	2.3		7.2	8.3	4.3	2.7	6.9	2.3	6.3	6.0	0.9	4.5
18	4.9	8.6	8.4	3.2	1.6	0.4	8.0	9.8	3.9	2.8	6.5	5.6
19	5.3	9.5	8.1	5.7	4.0	5.5	7.5	4.6	2.9	7.2	4.7	3.7
20	5.4	7.5	8.2	5.2	1.6	9.4	8.1	2.5	4.8	8.9	3.9	5.3
21	5.6	7.3	7.3	3.5	3.9	8.9	2.3	0.5	4.9	4.4	5.3	6.9
22	3.9	3.5	9.3	5.0	5.6	5.8	3.9	3.3	4.8	4.4	2.1	3.9
23	6.7	2.4	7.9	3.7	1.4	3.8	2.9	8.8	7.5	9.7	8.2	6.6
24	7.7	2.2	9.1	7.3	7.2	2.2	6.2	3.7	4.8	6.8	3.2	4.4
25	5.2	1.4	8.6	9.7	2.1	1.0	5.2	3.4	6.1	2.5	5.4	1.2
26	8.4	1.3	3.4	2.4	1.7	5.2	7.4	5.4	3.2	5.7	1.9	3.0
27	6.8	0.1	0.3	3.7	2.4	7.5	6.6	1.5	6.7	3.4	5.1	5.9
28	8.0	7.7	4.5	9.8	2.7	2.4	8.8	6.0	6.2	0.0	1.8	2.8
29	0.0	9.0	2.0	1.4	6.6	6.4	5.3	4.4	4.0	2.8	4.3	0.7
30	5.2	0.0	2.8	2.8	4.6	4.8	6.5	1.6	0.5	6.1	5.2	3.6
31	5.8	0.0	6.3	0.0	0.6	0.0	2.6	0.3	0.0	5.7	6.0	3.1
Total	170.9		205.8	111.5	126.2	142.4	173.5	144.0	132.3	127.7	107.8	125.4

TOTAL ANUAL =

ESTACION: LLANADAS — MUNICIPIO: MANZANARES — AÑO 1.988

ALTITUD: 1.420 — LATITUD: 5-13 N. — LONGITUD: 75-08 W.

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCT.	NOV.	DIC.
1	0.0	0.0	9.5	18.3	28.9	0.4	0.0	1.3	0.0	63.7	21.4	40.5
2	22.7	0.0	0.0	12.1	4.9	31.0	1.1	12.9	0.1	75.8	20.9	0.0
3	6.8	20.4	0.0	80.6	4.3	0.0	8.8	39.5	0.0	30.8	0.3	13.0
4	9.5	0.7	0.0	0.1	15.1	0.0	11.8	0.1	0.2	14.0	0.0	76.3
5	0.9	0.0	1.5	49.9	24.7	0.0	9.0	2.5	0.0	2.1	13.5	17.5
6	0.0	9.4	0.0	11.0	1.9	0.0	22.2	0.0	16.0	33.3	0.0	7.1
7	1.9	0.6	0.0	16.9	0.0	0.0	0.0	0.0	16.3	9.8	18.9	21.4
8	0.0	31.0	0.0	12.2	0.0	0.0	3.6	5.0	4.5	0.0	0.0	0.0
9	0.0	0.0	1.7	15.4	2.6	1.0	0.0	5.9	38.2	0.0	16.0	0.5
10	0.0	1.7	0.0	7.6	0.0	0.0	0.1	0.0	0.1	0.0	60.5	4.7
11	0.0	0.0	0.0	47.0	1.4	0.2	0.0	0.0	26.2	0.0	8.0	0.3
12	0.0	5.1	0.0	1.7	6.8	13.0	0.0	0.5	1.4	12.2	0.0	5.1
13	3.0	1.1	9.8	0.0	53.0	48.0	0.0	4.3	59.4	7.0	82.2	13.8
14	1.2	0.8	1.1	75.6	0.7	0.0	0.0	13.7	0.0	17.1	0.6	0.6
15	9.0	2.0	0.0	1.8	1.6	0.0	0.0	7.0	56.8	3.5	8.8	0.6
16	0.8	7.5	9.6	0.0	0.0	23.9	0.0	17.9	7.0	2.8	9.6	5.4
17	9.8	0.0	0.0	0.0	0.0	0.0	0.0	3.3	28.0	48.1	1.3	0.0
18	25.9	0.0	0.0	7.6	0.2	2.7	0.0	34.2	20.6	20.1	10.3	5.0
19	0.1	0.0	0.0	0.7	1.4	0.0	0.0	56.2	23.8	0.5	10.8	0.0
20	0.0	0.0	0.0	6.9	0.4	0.0	0.0	9.4	68.6	6.6	110.2	0.0
21	1.6	68.1	6.8	2.1	0.0	0.6	0.0	3.3	5.0	29.2	23.4	0.3
22	0.5	7.5	8.4	32.9	0.0	39.6	0.0	10.8	19.7	0.0	22.6	3.6
23	0.3	2.3	1.7	6.6	0.0	39.0	0.0	20.6	0.5	0.0	39.8	2.3
24	3.2	20.7	0.0	1.1	0.0	25.2	5.2	0.3	4.6	7.4	7.6	4.5
25	3.6	3.0	0.0	0.6	3.6	6.0	0.0	0.0	2.9	1.0	11.7	3.8
26	0.0	17.0	13.7	2.6	0.0	8.3	0.4	49.0	0.0	0.2	3.9	18.7
27	2.3	13.4	0.0	0.8	13.1	2.3	0.0	17.6	0.0	7.1	0.0	31.7
28	9.7	0.6	0.0	0.2	0.0	21.0	0.0	0.0	0.0	3.3	12.9	44.5
29	0.9	30.0	9.6	6.0	9.6	0.0	0.1	7.3	0.0	0.0	0.5	2.2
30	0.0	0.0	2.5	29.2	2.6	0.0	0.2	20.3	20.7	50.5	37.2	40.5
31	3.5	0.0	9.5	0.0	49.3	0.0	0.0	18.3	0.0	12.5	0.0	33.4
	117.2	242.9	85.4	447.5	226.1	262.2	82.5	361.2	420.6	458.6	552.9	397.3
	21	20	13	27	20	16	11	25	22	24	25	26

TOTALES ANUALES 3634.4 mm. 250 Dias lluvia

ESTACION SANTA ANA — MUNICIPIO: PALESTINA — AÑO 1.988

ALTITUD: 1.250 — LATITUD 5-01 N. — LONGITUD; 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCT.	NOV.	DIC.
1	0.0	12.2	0.0	0.4	1.6	0.0	6.9	2.4	0.0	11.9	7.3	17.9
2	0.0	0.0	1.4	55.8	3.6	8.8	10.3	4.7	4.3	4.2	7.4	6.7
3	46.0	81.0	0.0	45.1	1.2	0.0	53.6	12.8	0.3	3.6	0.0	5.3
4	0.0	4.3	0.0	0.2	9.7	11.0	12.4	4.8	3.0	0.3	0.0	14.4
5	0.0	0.0	0.0	15.8	11.3	3.2	26.3	0.1	0.8	0.0	10.0	4.4
6	0.0	0.1	0.0	0.0	0.0	0.0	6.9	10.8	6.3	9.7	2.6	0.0
7	0.0	0.0	0.0	2.4	0.4	0.0	9.7	0.9	7.3	50.8	26.7	10.2
8	0.0	31.0	2.1	4.4	2.0	0.6	0.5	5.1	0.2	12.3	3.2	0.0
9	0.0	0.2	20.7	5.5	21.0	0.1	0.0	1.5	5.0	9.2	18.9	0.0
10	0.0	0.1	0.0	9.5	0.0	1.7	4.9	3.2	10.9	2.7	59.8	0.0
11	0.0	0.0	0.0	0.0	4.3	13.4	0.3	0.0	11.6	5.0	0.0	0.0
12	0.0	28.0	0.0	64.7	1.3	4.2	0.0	38.0	0.0	14.4	27.0	0.0
13	0.0	14.0	0.1	2.0	9.6	1.6	0.0	20.0	29.9	13.3	27.2	0.9
14	0.7	9.4	0.0	4.0	0.0	2.0	0.0	30.3	0.0	15.4	4.2	0.0
15	17.0	0.0	1.3	0.0	2.7	1.4	0.0	7.3	0.0	1.4	27.2	4.8
16	0.0	4.4	0.5	3.1	0.4	9.7	0.0	8.8	0.0	0.0	19.8	3.3
17	3.5	0.0	0.0	0.0	99.5	0.0	5.1	0.0	13.6	10.0	0.1	4.1
18	9.2	0.0	0.0	5.6	2.0	7.9	0.0	0.1	6.1	0.2	8.9	0.0
19	0.0	0.0	0.0	6.6	9.7	0.7	0.0	49.7	0.9	0.0	30.7	0.0
20	0.0	0.0	0.0	0.0	1.0	0.0	0.0	8.3	15.9	0.0	2.1	0.0
21	0.0	0.0	0.0	0.0	0.0	1.9	0.0	10.4	6.3	19.0	28.5	0.0
22	0.0	0.0	0.0	14.7	0.0	48.0	1.9	2.3	19.3	0.0	1.9	0.0
23	0.0	0.0	0.0	0.0	0.0	0.6	0.0	11.0	0.0	0.0	0.0	0.0
24	0.0	5.9	0.0	12.0	3.7	27.9	3.3	6.0	22.7	4.6	0.2	0.0
25	0.0	8.0	0.0	0.0	21.2	0.3	8.1	12.1	0.0	2.0	16.7	16.0
26	0.0	6.1	0.0	1.6	0.0	0.0	33.1	33.0	0.2	0.0	1.1	0.0
27	0.0	11.0	0.0	61.7	14.2	2.1	0.0	13.4	0.3	5.6	1.4	11.1
28	4.8	0.0	0.0	0.0	0.0	0.4	0.9	8.7	2.3	0.6	3.8	7.2
29	0.0	0.0	0.5	75.4	65.0	0.0	16.8	2.7	29.1	11.9	4.4	0.8
30	5.1	0.0	0.0	20.0	0.0	0.2	0.1	85.5	1.7	5.4	37.8	0.0
31	0.0	0.0	18.7	0.0	3.0	0.0	1.7	0.0	0.0	4.0	0.0	10.1
Total	86.3	215.7	45.3	410.5	288.4	147.7	202.8	393.9	198.0	217.5	378.9	117.2
D. LI	7	15	8	21	22	22	19	28	23	24	26	15

TOTALES ANUALES 2702.2 mm. 230 Dias lluvias

ESTACION: EL BREMEN **MUNICIPIO** CIRCASIA **AÑO** 1.988

ALTITUD 2.040 **LATITUD** 4-40 N. **LONGITUD** 75-37 W.

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCT.	NOV.	DIC.
1	0.0	0.0	0.0	22.5	5.7	0.5	1.7	2.6	1.0	20.8	56.1	35.9
2	20.4	2.5	0.0	0.0	1.3	4.8	9.9	3.3	1.7	5.7	18.0	35.9
3	2.4	9.6	0.0	21.2	5.6	0.0	30.0	0.0	0.2	0.4	2.4	23.8
4	0.9	0.0	0.0	0.0	4.0	0.0	16.0	0.0	0.2	0.4	0.0	28.4
5	0.0	4.0	0.0	20.3	6.5	0.0	9.6	0.0	1.2	1.6	5.0	57.3
6	4.6	0.8	0.0	1.8	33.9	6.6	2.7	0.2	3.0	55.0	1.5	0.0
7	0.0	0.0	0.7	10.0	1.1	11.6	2.4	4.7	1.5	0.4	42.0	12.8
8	0.0	1.6	10.8	0.7	22.6	0.0	5.5	3.7	0.0	2.5	8.9	3.9
9	0.3	0.7	65.9	3.8	3.1	0.0	0.1	0.1	42.6	0.0	21.6	4.8
10	0.2	47.0	0.3	10.0	0.0	0.0	0.0	0.0	21.9	55.3	5.9	8.5
11	0.0	1.9	0.0	7.5	4.7	4.1	0.4	0.0	51.1	1.0	3.8	7.9
12	18.8	6.2	0.0	88.2	0.2	0.5	0.0	10.1	10.5	13.3	22.0	13.4
13	4.3	0.0	0.0	5.7	51.4	3.3	0.0	2.5	18.0	40.3	5.0	6.5
14	0.4	2.2	0.0	9.5	0.3	9.2	0.0	0.1	0.0	32.1	20.9	0.0
15	43.9	3.9	0.0	15.8	0.6	1.2	0.0	20.1	12.9	1.8	16.2	0.0
16	0.6	0.1	3.8	6.4	0.0	21.8	0.0	45.2	0.0	7.9	27.8	3.8
17	31.5	0.0	0.0	0.7	0.0	7.7	0.0	4.7	1.0	11.6	0.0	5.2
18	13.4	0.0	0.0	9.8	0.0	14.2	7.0	3.2	13.1	1.4	1.4	47.7
19	5.1	0.0	0.0	0.0	3.5	2.6	0.0	30.2	6.2	0.0	42.0	3.4
20	0.3	0.0	0.0	0.8	3.9	0.0	0.0	0.5	5.0	0.0	17.9	0.0
21	6.0	2.4	0.0	16.7	5.5	0.6	0.0	29.5	16.0	1.1	32.8	4.3
22	0.4	0.0	0.0	1.5	0.0	103.3	0.9	2.2	2.6	0.3	27.6	32.6
23	0.0	8.2	0.0	0.0	0.0	99.3	0.0	6.5	6.8	3.9	45.9	3.5
24	0.0	4.4	0.0	12.8	0.0	25.8	5.0	2.7	0.0	43.7	18.7	12.9
25	0.0	6.0	0.0	6.3	7.5	9.4	17.2	1.7	0.4	4.3	53.6	10.6
26	0.0	45.0	0.0	0.8	2.3	0.2	2.1	41.3	3.0	2.3	7.3	1.1
27	0.0	26.8	0.0	2.7	30.8	11.7	0.0	3.0	0.0	12.1	4.6	1.3
28	0.0	0.0	2.7	0.0	12.3	9.0	0.0	1.9	27.1	4.8	22.6	10.7
29	1.2	0.0	0.2	14.6	42.3	9.6	5.5	6.3	40.4	0.0	7.0	2.2
30	2.0	0.0	0.2	5.0	0.0	0.0	1.2	32.2	5.6	11.7	5.6	9.7
31	0.1	0.0	45.4	0.0	7.9	0.0	34.5	27.3	0.0	16.4	0.0	14.2
TOTAL	156.8	173.3	130.0	295.1	257.0	357.0	191.7	285.8	293.0	356.1	544.1	402.3
D. LL.	20	18	9	25	23	22	18	26	25	27	28	27

TOTALES ANUALES 3402.2 mm 268 DIAS Lluvia

ESTACION: PLANTA DE TRATAMIENTO **MUNICIPIO:** PEREIRA **AÑO** 1.988

ALTITUD: 1.450 **LATITUD** 4-48 N. **LONGITUD** 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCT.	NOV.	DIC
1	0.0	1.7	0.0	0.0	0.1	2.1	0.0	4.9	0.0	18.7	93.0	1.2
2	2.1	0.0	0.0	2.8	5.4	4.0	21.6	1.7	2.0	0.0	19.0	26.6
3	0.0	10.5	0.0	18.5	0.3	0.0	13.4	0.1	8.7	0.0	1.1	15.0
4	0.1	0.4	0.0	0.0	8.9	0.0	16.6	0.0	3.2	2.7	0.0	8.9
5	0.0	3.3	0.0	26.1	0.1	4.7	13.2	1.7	20.0	13.8	1.3	2.6
6	0.6	0.0	0.0	0.7	5.7	0.0	0.5	17.5	1.3	36.0	0.2	9.8
7	0.0	0.0	0.0	5.0	0.2	0.0	1.1	2.8	3.6	1.6	18.5	10.0
8	0.0	17.0	46.2	0.0	1.8	0.5	0.5	5.7	3.8	22.4	4.4	7.1
9	0.0	0.0	26.3	21.0	0.4	2.5	0.0	0.0	14.7	22.1	2.0	0.0
10	11.0	10.0	0.0	9.3	0.5	0.0	1.5	7.4	17.1	1.9	1.6	1.7
11	0.0	0.1	0.0	5.0	0.0	11.0	0.8	0.0	18.9	28.0	2.4	0.7
12	0.0	33.5	0.0	46.7	12.8	1.0	5.5	0.8	18.5	39.0	19.2	6.7
13	0.2	0.0	0.0	23.8	8.5	1.5	0.0	0.0	16.8	35.0	3.1	2.9
14	2.0	0.0	0.0	6.4	0.3	0.0	4.9	18.6	0.3	3.0	21.8	0.3
15	9.7	0.0	0.0	22.1	29.3	0.9	0.0	16.2	9.1	2.3	78.8	0.1
16	1.0	0.0	0.8	5.2	0.0	9.5	0.0	0.1	13.5	0.0	11.4	7.5
17	14.7	0.0	0.0	0.4	6.2	1.2	16.9	2.4	4.5	0.0	0.0	11.9
18	20.0	0.0	0.0	0.5	3.0	3.4	0.7	0.0	11.0	0.0	0.0	2.0
19	7.3	0.0	0.0	0.4	3.8	0.0	0.1	51.9	1.7	0.0	15.1	12.1
20	1.6	0.0	0.0	3.1	4.8	0.0	12.6	2.3	20.7	0.0	5.4	0.0
21	0.2	0.0	0.0	1.8	2.6	0.1	0.0	12.6	1.2	0.0	0.1	4.6
22	0.0	0.0	0.0	12.0	0.0	19.1	0.6	4.4	11.1	0.0	0.0	2.7
23	0.0	0.0	0.0	0.0	1.3	3.0	3.4	4.5	0.4	0.4	0.0	3.3
24	0.4	4.3	0.0	49.3	5.3	29.5	5.9	0.0	0.8	7.7	9.9	0.0
25	0.0	11.9	0.0	0.5	77.5	0.8	4.8	1.1	1.4	0.3	32.3	0.0
26	0.0	63.2	6.5	8.4	0.6	6.0	8.5	19.8	4.4	0.2	0.3	0.0
27	0.0	12.1	0.0	6.9	10.8	5.6	0.0	6.5	0.0	1.6	14.0	0.0
28	0.2	0.0	0.0	0.0	5.4	0.1	2.9	9.5	0.0	17.9	27.8	21.3
29	0.2	0.0	2.1	0.0	45.2	14.8	0.0	0.2	19.1	1.7	4.9	1.1
30	0.0	0.0	5.5	20.6	0.0	6.3	0.0	17.7	28.0	0.0	2.9	5.8
31	0.0	0.0	7.5	0.0	2.1	0.0	0.0	6.7	0.0	19.2	0.0	19.7
TOTAL	71.3	168.0	94.9	296.5	242.9	127.6	136.0	223.1	255.8	275.5	390.5	185.6
D.LL	16	12	7	24	27	22	21	25	27	21	25	25

TOTALES ANUALES 2467.7 mm. 252 Dias lluvia

ESTACION: LA DELFITA — MUNICIPIO: BELEN DE UMBRIA — AÑO: 1.988

ALTITUD: 1.520 — LATITUD: 5-11 N — LONGITUD: 75°36W

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1						31.4	0.0	15.4	0.2	19.6	71.4	46.2
2						0.0	22.0	3.3	19.4	4.0	0.0	12.9
3						0.0	16.2	11.6	0.2	0.0	0.0	12.5
4						3.0	35.0	0.4	6.3	1.9	0.0	7.6
5						2.1	5.0	0.0	0.2	6.4	0.0	0.6
6						0.0	0.0	1.6	15.7	17.0	9.9	0.0
7						0.0	34.1	17.7	26.6	1.9	54.1	67.9
8						0.0	21.9	2.7	0.0	2.3	4.4	0.2
9						0.8	0.0	0.5	8.1	0.0	51.6	4.1
10						1.4	1.9	8.3	11.0	7.7	15.0	1.4
11						37.8	0.3	0.0	12.4	0.2	2.2	0.0
12						0.8	0.1	18.4	0.0	45.7	16.3	30.8
13						16.6	0.0	1.7	16.5	73.8	25.1	3.6
14						2.6	0.0	20.0	0.3	35.5	3.4	4.6
15						0.0	0.0	6.7	0.2	8.8	34.0	0.5
16						9.7	0.0	36.2	1.6	1.1	27.0	3.1
17						0.3	0.0	0.0	0.0	32.8	1.4	4.5
18						32.4	0.0	0.0	13.2	5.2	1.1	1.5
19						1.5	0.0	38.7	3.4	0.1	1.0	6.1
20						0.0	0.0	3.1	11.4	0.0	0.3	0.0
21						0.0	0.1	33.1	2.5	4.8	32.0	0.0
22						11.4	1.5	1.7	65.0	0.1	35.6	0.3
23						2.3	0.0	1.2	0.0	0.0	0.8	0.1
24						8.2	0.4	22.3	0.0	3.9	7.6	0.0
25						5.1	9.8	9.0	1.0	0.6	5.3	6.5
26					0.3	0.2	0.6	7.5	0.0	0.0	1.6	5.9
27					41.2	10.1	0.0	35.9	0.1	0.9	0.0	3.6
28					6.0	0.6	7.1	1.2	0.8	1.1	2.4	13.5
29					22.6	0.1	7.6	18.7	24.5	0.8	1.3	10.6
30					0.0	0.8	0.0	4.8	20.5	4.4	2.6	0.4
31					72.2	0.0	22.0	41.8	0.0	0.0	0.0	1.2
Total						179.2	185.6	363.5	261.1	280.6	407.4	250.2
D. Ll.						22	17	27	24	25	25	26

TOTALES ANUALES — 171 Dias lluvia

ESTACION: EL RECREO — MUNICIPIO: ULLOA — AÑO 1.988

ALTITUD: 1.410 — LATITUD: 4-42 N. — LONGITUD: 75-44W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	5.0	0.0	0.0	1.0	1.5	2.3	0.7	0.0	41.8	102.9	3.4
2	0.0	0.0	0.0	1.4	3.9	19.4	4.3	0.4	26.4	4.0	9.5	6.2
3	4.0	2.9	0.0	46.2	0.1	0.0	21.9	9.3	26.3	0.5	0.0	29.3
4	0.6	0.0	0.0	3.7	20.0	2.0	17.2	0.0	3.7	32.5	0.0	44.1
5	0.0	1.4	0.0	29.0	2.2	0.0	20.0	0.1	1.2	26.5	5.1	2.6
6	6.0	0.0	0.0	1.2	0.3	5.8	2.4	0.0	0.2	21.3	0.0	14.1
7	0.0	0.0	0.0	0.0	1.4	0.8	0.6	21.2	8.7	1.7	20.0	9.8
8	0.0	5.5	39.8	0.4	3.1	0.0	5.9	3.8	0.0	17.1	39.0	0.6
9	0.0	0.3	32.7	1.1	0.1	0.0	0.0	0.0	31.9	3.0	7.3	0.0
10	0.0	35.3	0.0	16.2	4.4	0.6	0.0	0.0	8.0	0.4	20.0	1.8
11	0.0	0.3	0.0	1.8	12.2	1.2	2.1	0.0	20.9	0.0	4.2	0.0
12	0.0	9.0	0.0	49.6	23.9	0.5	0.9	8.8	2.9	20.2	23.5	8.8
13	0.0	0.1	0.0	4.8	21.5	6.5	0.0	0.0	31.9	6.9	4.4	12.2
14	2.6	0.0	0.0	4.2	0.0	15.4	0.0	2.1	0.6	16.2	36.6	1.2
15	21.9	0.3	0.0	12.3	0.1	0.0	0.0	10.2	1.8	0.1	72.8	0.9
16	0.2	0.0	0.0	1.4	1.0	5.1	0.0	11.7	4.7	0.9	12.0	3.5
17	40.3	0.0	0.0	9.6	0.0	0.0	0.1	2.4	10.0	12.2	0.0	3.9
18	1.3	0.0	0.0	0.0	1.2	7.2	3.9	15.8	43.2	1.4	0.4	21.2
19	2.0	0.0	0.0	0.0	6.5	0.3	7.9	41.0	2.2	0.0	0.0	0.1
20	5.1	0.0	0.0	32.0	7.9	0.0	0.0	17.9	2.9	0.0	17.3	0.0
21	0.0	0.0	0.0	16.2	6.0	0.0	0.9	19.7	1.4	0.3	32.8	0.0
22	0.0	3.2	0.0	1.3	0.0	17.6	3.0	0.8	5.2	2.8	12.8	1.0
23	0.0	0.6	0.0	0.0	6.0	3.8	0.4	2.8	0.5	0.0	0.0	27.6
24	0.0	9.5	0.0	1.5	0.0	43.4	1.9	0.2	0.0	3.6	0.4	3.4
25	0.0	18.9	1.9	0.0	7.9	3.7	50.2	0.7	0.5	0.6	33.8	5.2
26	0.0	2.1	0.0	11.9	24.8	4.9	1.2	10.4	0.5	3.2	0.6	1.1
27	0.0	5.8	0.0	0.8	55.0	0.0	0.0	2.6	0.0	1.1	0.0	5.3
28	1.1	0.0	0.8	0.2	0.0	3.4	0.0	9.1	5.6	6.1	3.4	66.9
29	0.0	0.0	0.0	9.4	32.7	9.6	16.4	38.2	38.2	16.4	19.2	1.8
30	1.2	0.0	13.3	7.2	0.0	0.0	5.2	31.0	10.6	0.0	19.5	41.4
31	0.4	0.0	2.6	0.0	6.8	0.0	1.3	12.7	0.0	14.9	0.0	5.1
Total	86.7	100.2	91.1	263.4	250.0	152.7	170.0	273.6	290.0	255.7	497.5	322.5
D. Ll.	13	16	6	24	25	20	22	25	26	26	23	27

TOTALES ANUALES — 2753.4 mm. — 253 Dias lluvia

ESTACION: SANTIAGO GUTIERREZ — MUNICIPIO: ARGELIA — AÑO: 1.988

ALTITUD: 1.550 — LATITUD: 4-43 N. — LONGITUD: 76-10 W.

LLUVIA EN MILIMETROS

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTI	NOV.	DIC.
1	0.0	0.2	0.0	0.5	14.1	24.2	1.4	2.7	0.3	1.4	4.7	12.4
2	0.0	8.7	0.0	4.5	0.4	67.5	7.3	17.3	5.1	12.8	23.2	6.8
3	0.0	0.3	0.0	3.8	3.7	0.0	18.0	36.6	3.2	1.6	0.0	0.1
4	0.0	3.2	0.0	0.8	7.5	0.0	32.1	1.4	0.0	6.6	0.0	2.4
5	0.0	0.0	0.0	22.8	0.0	0.0	10.7	0.0	23.4	0.0	3.0	1.6
6	0.5	0.0	0.0	1.1	0.6	0.1	0.9	4.3	1.3	30.9	5.3	3.5
7	0.2	0.0	0.9	0.0	0.0	0.0	0.0	7.1	0.0	2.2	4.2	1.2
8	0.0	13.3	2.3	2.4	4.7	0.0	1.0	4.4	6.5	8.1	0.6	15.3
9	0.0	1.8	19.4	27.0	0.0	5.5	0.0	0.0	7.8	0.0	1.9	0.0
10	0.0	1.0	0.0	10.7	2.3	0.0	2.6	2.1	15.0	0.1	40.9	0.0
11	0.0	3.6	0.0	6.9	0.0	0.0	0.6	0.5	4.6	0.0	7.6	27.1
12	0.0	0.4	0.0	13.3	7.5	15.0	0.9	2.5	0.5	14.0	25.7	0.8
13	0.0	0.2	0.0	4.2	34.8	4.5	0.0	0.0	10.1	8.2	6.4	23.1
14	0.0	0.0	0.2	18.4	0.0	15.4	0.0	9.0	0.0	13.0	3.7	0.0
15	3.3	5.0	2.8	4.0	20.9	0.0	0.0	6.8	0.7	2.2	23.2	0.1
16	16.6	0.2	0.0	0.3	0.0	9.5	5.9	0.0	1.3	0.6	11.9	0.0
17	0.0	0.0	0.0	0.0	7.0	0.2	0.0	5.7	3.8	52.8	0.3	0.7
18	1.1	0.0	0.0	0.5	6.2	9.8	0.0	2.4	8.7	1.8	5.2	9.6
19	0.1	0.0	0.0	1.2	0.3	0.0	0.0	22.5	4.4	1.3	6.4	0.4
20	3.2	0.0	0.0	3.0	0.8	0.0	0.0	6.3	0.0	0.0	5.7	0.0
21	0.0	0.0	0.0	15.3	0.0	0.0	1.3	7.3	0.8	0.3	8.7	0.0
22	0.0	0.2	0.0	16.5	0.0	4.1	2.0	1.3	0.0	0.0	1.6	0.0
23	0.0	0.0	0.0	1.3	8.4	0.0	4.3	2.8	0.5	0.0	9.3	5.4
24	0.0	3.4	0.0	10.0	0.0	6.4	9.1	1.4	0.4	1.7	0.3	3.2
25	0.0	6.3	0.0	0.0	0.7	8.9	1.4	9.0	0.0	6.3	3.8	31.8
26	0.0	3.4	0.0	1.8	9.9	0.0	2.1	13.9	18.6	1.1	0.0	15.5
27	0.0	6.5	0.0	7.3	2.4	0.0	0.3	1.0	0.0	0.2	0.0	10.5
28	5.1	0.0	0.2	0.0	0.0	0.2	0.0	4.8	0.0	7.0	17.1	6.4
29	0.0	0.0	1.3	11.2	46.5	1.1	2.1	3.4	8.4	0.3	8.9	15.0
30	0.0	0.0	6.4	2.1	0.0	0.0	0.0	10.0	0.0	4.5	0.1	0.2
31	0.0	0.0	15.5	0.0	12.1	0.0	0.0	15.6	0.0	0.0	0.0	0.4
Total	30.1	57.7	49.0	190.9	190.8	172.4	104.0	202.1	125.4	179.0	229.1	193.5
D. Ll.	8	17	9	26	20	15	19	27	21	24	25	24

TOTALES ANUALES: 1724.0 mm. — 235 — Días lluvia

ESTACION: EL BERRION — MUNICIPIO: CARTAGO — AÑO: 1.988

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCT.	NOV.	DIC.
1	0.0	0.0	0.0	0.0	2.1	14.9	0.1	1.3	0.0	0.0	15.7	33.9
2	0.0	0.0	0.0	0.2	1.5	2.0	3.7	0.4	10.0	2.9	7.9	1.5
3	0.0	2.0	0.0	63.4	0.0	0.0	14.2	36.1	0.4	5.5	0.0	0.9
4	0.0	0.0	0.0	1.4	2.6	8.9	10.6	0.0	0.0	0.5	0.0	62.4
5	0.0	25.0	0.0	24.2	2.1	0.0	16.8	0.0	3.2	0.3	10.1	5.4
6	5.0	0.0	5.0	1.3	0.0	0.0	3.2	1.3	21.0	37.7	0.9	28.1
7	0.0	0.0	0.0	2.0	0.1	0.0	1.6	10.4	3.2	3.8	3.5	1.5
8	0.0	15.0	0.0	0.0	0.0	0.0	4.4	2.8	0.0	1.6	16.8	0.7
9	0.0	0.0	0.0	1.0	0.0	0.5	10.2	0.0	4.7	0.0	5.3	0.4
10	0.0	1.1	0.0	10.1	2.4	0.9	0.0	0.7	0.5	15.4	4.1	0.0
11	0.0	0.0	0.0	0.8	3.9	0.0	0.0	0.5	18.8	0.0	14.4	0.0
12	0.0	26.0	0.0	38.1	0.3	31.4	0.1	5.9	4.4	12.4	29.0	1.9
13	0.0	0.0	0.0	9.5	8.3	10.2	0.0	0.0	16.2	5.4	23.9	1.4
14	0.0	0.0	1.4	5.4	0.0	2.1	0.0	7.5	0.0	15.9	62.3	0.3
15	9.0	0.0	0.0	1.4	0.0	0.0	0.8	21.2	1.4	0.6	28.9	0.0
16	0.0	0.0	0.0	25.5	0.0	3.4	0.0	3.2	4.9	0.8	3.1	7.5
17	4.0	0.0	0.0	0.5	0.9	10.1	0.4	0.9	0.4	11.4	0.1	0.0
18	0.0	0.0	0.0	0.0	0.1	6.4	0.9	0.3	36.6	0.7	0.0	25.1
19	0.0	0.0	0.0	0.0	6.0	0.3	17.8	38.3	7.3	0.0	1.6	3.4
20	0.0	0.0	0.0	4.9	1.6	0.0	0.0	12.1	1.7	0.0	0.2	0.0
21	0.0	0.0	0.0	0.1	4.7	0.0	0.8	19.9	2.0	19.1	5.8	0.1
22	0.0	0.0	0.5	1.9	0.0	7.5	1.0	13.6	0.6	0.0	4.0	6.9
23	0.0	34.0	0.0	0.0	5.7	1.6	0.0	2.7	53.6	0.0	0.0	0.0
24	0.0	0.0	0.0	10.0	0.0	20.4	10.3	0.0	0.0	7.4	0.0	3.4
25	0.0	51.0	2.6	1.0	3.3	1.5	20.3	0.0	0.0	3.6	5.9	1.5
26	0.0	3.0	0.0	4.1	41.7	0.0	0.0	8.1	0.0	0.0	0.0	0.5
27	0.0	7.0	0.0	15.8	25.0	0.0	0.0	0.8	0.0	8.1	0.0	15.1
28	6.0	0.0	0.4	0.0	0.8	0.8	0.0	16.9	0.6	8.6	8.0	19.6
29	0.0	0.0	0.0	30.9	12.4	2.5	11.8	4.6	18.7	0.0	29.4	6.0
30	0.0	0.0	0.5	6.1	0.0	0.0	0.7	13.3	5.4	13.0	4.7	2.3
31	0.0	0.0	19.1	0.0	3.0	0.0	0.0	9.8	0.0	2.2	0.0	2.9
Total	24.0	164.1	29.5	259.6	128.5	125.4	129.7	232.6	215.6	176.9	285.6	232.7
D. Ll.	4	9	7	24	21	18	20	25	22	22	23	25

TOTALES ANUALES: 2004.2 m.m. — 220 — Días lluvia

ESTACION: LA SELVA MUNICIPIO: GINEBRA año: 1.988

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

	L L U V I A E N M I L I M E T R O S											
DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	4.6	16.6	0.0	6.6	0.0	31.0	7.3	50.0
2	0.0	0.0	0.0	8.4	0.0	32.1	9.4	0.2	0.1	5.2	8.3	3.5
3	2.5	6.8	0.0	0.1	7.9	0.0	6.4	0.0	0.0	7.6	1.1	3.1
4	0.0	7.3	0.0	1.0	0.5	0.4	10.7	0.0	2.3	0.0	0.0	10.9
5	1.4	12.9	0.0	31.3	0.0	0.0	52.9	0.0	0.0	0.3	1.8	39.9
6	0.0	0.2	0.0	3.3	0.0	0.0	0.2	0.2	2.0	0.0	24.1	23.0
7	0.0	0.0	17.3	2.5	1.6	0.0	2.3	0.1	0.0	2.1	14.0	7.5
8	0.0	7.6	22.4	0.7	0.0	0.0	0.0	4.7	10.8	5.2	74.0	9.3
9	0.0	7.4	20.6	10.6	0.9	2.2	0.0	0.0	6.6	0.0	1.7	0.0
10	0.0	29.3	0.0	44.1	0.1	1.1	0.5	0.0	3.8	0.0	23.1	12.5
11	0.0	4.6	0.0	17.2	0.1	0.1	0.1	0.0	33.0	0.0	7.7	8.0
12	0.0	0.0	0.0	21.5	0.0	3.3	2.3	0.0	23.8	4.2	3.4	0.4
13	0.0	0.2	0.7	4.0	0.5	5.5	0.0	2.0	6.0	23.7	9.3	5.2
14	0.1	0.0	0.0	0.0	5.0	3.3	0.0	0.7	1.0	5.8	15.3	0.0
15	26.1	0.0	0.3	1.7	0.0	1.9	0.0	4.0	2.7	3.5	25.1	1.6
16	16.4	2.9	0.5	3.4	0.0	14.8	0.0	0.3	0.0	9.7	7.3	2.5
17	25.0	0.0	0.2	2.0	0.8	0.3	0.0	7.1	4.2	34.1	0.7	7.6
18	17.0	0.0	0.0	5.0	0.2	27.8	0.0	0.0	22.6	3.8	0.5	2.8
19	1.3	0.0	0.0	0.0	3.7	1.1	0.0	9.6	0.3	0.0	9.0	4.1
20	0.0	0.0	0.0	1.6	0.3	0.0	0.0	4.0	0.0	0.0	6.7	0.0
21	0.0	0.0	0.0	9.2	0.0	0.0	1.0	12.7	0.0	2.3	43.0	0.0
22	0.0	0.0	0.0	3.7	0.0	14.5	0.0	2.1	2.0	0.3	5.6	4.8
23	0.0	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.4
24	0.0	6.3	0.0	14.9	0.0	9.4	0.5	0.0	0.0	17.2	0.9	0.5
25	0.0	4.3	0.0	10.2	0.1	15.9	0.6	0.3	3.9	2.8	22.5	3.9
26	0.0	8.0	0.0	0.0	9.2	0.3	0.0	0.8	0.7	0.0	0.3	0.3
27	0.0	0.0	0.0	0.0	24.4	0.1	0.0	0.0	0.0	0.0	0.0	5.2
28	6.7	0.0	0.0	0.0	4.3	0.5	0.0	1.2	0.0	8.4	5.1	11.0
29	0.2	0.0	2.6	10.2	0.6	0.3	2.1	14.1	0.3	4.5	9.9	1.5
30	0.0	0.0	0.0	40.2	0.5	0.2	0.0	0.0	3.3	5.2	3.8	1.6
31	0.0	0.0	0.1	0.0	5.7	0.0	1.9	28.5	0.0	3.7	0.0	1.2
Total	96.7	98.2	64.7	247.0	71.0	151.7	90.9	99.2	129.4	180.6	332.8	222.3
D. Ll.	10	14	9	24	20	22	14	19	19	21	28	27
TOTALES ANUALES							1784.5 m.m.				227	Días lluvia

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

ESTACION: BARILOCHE **MUNICIPIO:** FREDONIA **AÑO:** 1.988

ALTITUD: 1.700 **LATITUD:** 5-56 N. **LONGITUD:** 75-37 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	4.0	0.0	3.0	38.0	18.0	3.0	107.0	0.0	4.0	15.0	12.0
2	0.0	0.0	0.0	6.0	0.0	0.0	7.0	40.0	5.0	19.0	42.0	9.0
3	0.0	3.0	5.0	0.0	51.0	0.0	34.0	25.0	47.0	6.0	0.0	0.0
4	0.0	0.0	0.0	0.0	38.0	0.0	19.0	12.0	35.0	7.0	21.0	48.0
5	0.0	0.0	0.0	66.0	15.0	0.0	42.0	2.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	16.0	51.0	54.0	4.0
7	0.0	12.0	0.0	0.0	0.0	0.0	30.0	8.0	0.0	38.0	0.0	0.0
8	0.0	0.0	2.0	12.0	22.0	0.0	12.0	6.0	0.0	0.0	0.0	26.0
9	0.0	13.0	0.0	0.0	0.0	6.0	0.0	7.0	28.0	0.0	35.0	20.0
10	0.0	25.0	0.0	23.0	5.0	0.0	0.0	25.0	10.0	4.0	18.0	5.0
11	0.0	0.0	0.0	10.0	8.0	5.0	0.0	0.0	15.0	12.0	0.0	6.0
12	0.0	0.0	0.0	57.0	0.0	36.0	16.0	52.0	0.0	41.0	0.0	10.0
13	0.0	4.0	0.0	10.0	31.0	15.0	0.0	0.0	22.0	20.0	23.0	15.0
14	28.0	14.0	9.0	0.0	0.0	32.0	0.0	25.0	0.0	25.0	17.0	4.0
15	36.0	0.0	0.0	5.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
16	6.0	0.0	0.0	12.0	0.0	0.0	0.0	20.0	19.0	5.0	10.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	11.0	30.0	0.0	0.0
18	12.0	0.0	0.0	0.0	0.0	0.0	3.0	13.0	20.0	28.0	33.0	0.0
19	0.0	0.0	0.0	0.0	14.0	0.0	0.0	18.0	27.0	0.0	5.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	32.0	0.0	0.0	0.0
21	0.0	8.0	0.0	10.0	0.0	29.0	4.0	21.0	3.0	0.0	12.0	0.0
22	0.0	5.0	0.0	0.0	4.0	19.0	0.0	4.0	63.0	0.0	49.0	0.0
23	0.0	0.0	0.0	0.0	0.0	8.0	0.0	5.0	3.0	0.0	29.0	0.0
24	0.0	0.0	0.0	0.0	0.0	34.0	0.0	53.0	0.0	25.0	24.0	0.0
25	0.0	33.0	0.0	8.0	7.0	0.0	0.0	4.0	0.0	5.0	0.0	10.0
26	0.0	10.0	0.0	10.0	6.0	13.0	16.0	17.0	0.0	0.0	0.0	26.0
27	0.0	7.0	0.0	25.0	20.0	6.0	0.0	0.0	0.0	27.0	7.0	21.0
28	0.0	0.0	0.0	0.0	0.0	7.0	2.0	28.0	0.0	7.0	10.0	10.0
29	0.0	0.0	0.0	30.0	6.0	4.0	25.0	53.0	12.0	0.0	12.0	25.0
30	0.0	0.0	16.0	4.0	0.0	7.0	0.0	26.0	42.0	6.0	4.0	0.0
31	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	82.0	138.0	32.0	291.0	283.0	239.0	223.0	601.0	410.0	360.0	420.0	251.0
D. Ll.	4	12	4	16	15	15	14	26	18	19	19	16
TOTALES ANUALES							3330.0				178	Días lluvia

ESTACION: SANTA TERESA **MUNICIPIO:** TAMESIS **AÑO:** 1.988

ALTITUD 1.350 **LATITUD:** 5-40 N. **LONGITUD:** 75-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	4.0	25.0	5.0	24.0	13.0	14.0	18.0		
2	0.0	0.0	0.0	3.0	2.0	8.0	28.0	30.0	10.0	5.0		
3	0.0	14.0	0.0	33.0	50.0	22.0	70.0	64.0	6.0	32.0		
4	0.0	2.0	0.0	0.0	0.0	0.0	51.0	0.0	25.0	0.0		
5	8.0	0.0	0.0	50.0	18.0	0.0	16.0	0.0	21.0	3.0		
6	0.0	0.0	0.0	17.0	0.0	0.0	40.0	0.0	30.0	10.0		
7	0.0	0.0	0.0	12.0	0.0	0.0	5.0	19.0	17.0	15.0		
8	0.0	38.0	15.0	0.0	21.0	0.0	0.0	21.0	5.0	62.0		
9	0.0	0.0	3.0	22.0	0.0	0.0	9.0	4.0	19.0	16.0		
10	0.0	15.0	0.0	2.0	0.0	20.0	1.0	9.0	0.0	14.0		
11	0.0	0.0	0.0	6.0	24.0	12.0	19.0	0.0	38.0	16.0		
12	0.0	0.0	0.0	64.0	0.0	30.0	9.0	24.0	10.0	95.0		
13	0.0	0.0	0.0	2.0	72.0	8.0	0.0	0.0	7.0	14.0		
14	0.0	0.0	0.0	4.0	0.0	12.0	3.0	28.0	3.0	12.0		
15	7.0	0.0	13.0	19.0	2.0	8.0	0.0	34.0	8.0	24.0		
16	0.0	0.0	0.0	27.0	0.0	10.0	0.0	50.0	10.0	2.0		
17	9.0	0.0	0.0	6.0	5.0	20.0	0.0	0.0	2.0	16.0		
18	47.0	0.0	0.0	7.0	0.0	2.0	0.0	18.0	4.0	7.0		
19	0.0	0.0	0.0	9.0	40.0	8.0	0.0	38.0	12.0	0.0		
20	0.0	0.0	0.0	6.0	0.0	0.0	0.0	10.0	10.0	0.0		
21	0.0	13.0	0.0	0.0	12.0	0.0	0.0	40.0	14.0	14.0		
22	0.0	0.0	0.0	0.0	0.0	45.0	0.0	38.0	26.0	0.0		
23	0.0	3.0	0.0	7.0	0.0	0.0	0.0	18.0	0.0	0.0		
24	0.0	11.0	0.0	12.0	0.0	13.0	3.0	32.0	15.0	10.0		
25	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0		
26	0.0	30.0	0.0	17.0	9.0	10.0	33.0	14.0	0.0	0.0		
27	0.0	3.0	0.0	29.0	20.0	21.0	0.0	2.0	0.0	25.0		
28	6.0	0.0	0.0	0.0	0.0	6.0	0.0	20.0	5.0	0.0		
29	20.0	0.0	23.0	18.0	58.0	7.0	2.0	45.0	24.0	0.0		
30	0.0	0.0	0.0	0.0	0.0	0.0	18.0	66.0	23.0	0.0		
31	0.0	0.0	0.0	0.0	16.0	0.0	8.0	23.0	0.0	0.0		
Total	97.0	179.0	54.0	376.0	374.0	267.0	339.0	660.0	358.0	418.0		
D. Ll.	6	10	4	23	15	19	17	24	25	21		
TOTALES ANUALES												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: 1.988

ALTITUD: 1.600 — LATITUD: 5-38 N. — LONGITUD: 75-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	30.0	0.0
2	0.0	0.0	0.0	0.0	30.0	5.0	5.0	20.0	0.0	25.0	20.0	0.0
3	0.0	0.0	0.0	0.0	10.0	0.0	10.0	10.0	20.0	5.0	0.0	72.0
4	0.0	0.0	0.0	25.0	0.0	0.0	20.0	0.0	5.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	8.0	0.0	30.0	0.0	5.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	19.0	0.0	20.0	0.0	45.0	115.0	0.0	20.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	35.0	0.0	20.0
8	0.0	15.0	0.0	10.0	6.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0
9	0.0	0.0	4.0	15.0	0.0	0.0	0.0	10.0	30.0	0.0	0.0	0.0
10	0.0	15.0	0.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0
11	0.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0
12	0.0	0.0	5.0	0.0	0.0	30.0	0.0	10.0	0.0	20.0	0.0	0.0
13	0.0	0.0	0.0	10.0	35.0	25.0	0.0	0.0	25.0	15.0	15.0	0.0
14	0.0	0.0	0.0	20.0	0.0	0.0	0.0	30.0	0.0	10.0	45.0	0.0
15	10.0	0.0	10.0	10.0	0.0	20.0	0.0	10.0	5.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	10.0	0.0	27.0	0.0	0.0	30.0	0.0
17	11.0	0.0	0.0	0.0	10.0	5.0	0.0	0.0	25.0	40.0	15.0	0.0
18	30.0	0.0	0.0	10.0	10.0	20.0	0.0	0.0	50.0	0.0	10.0	0.0
19	5.0	0.0	0.0	0.0	0.0	5.0	0.0	50.0	10.0	0.0	10.0	0.0
20	0.0	0.0	0.0	0.0	10.0	0.0	0.0	20.0	5.0	0.0	25.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	10.0	0.0	24.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	30.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0
26	0.0	30.0	0.0	10.0	20.0	0.0	10.0	20.0	0.0	0.0	0.0	0.0
27	0.0	42.0	0.0	15.0	15.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
28	8.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	55.0	35.0
29	0.0	0.0	0.0	0.0	30.0	20.0	0.0	20.0	50.0	0.0	0.0	15.0
30	0.0	0.0	0.0	4.0	0.0	5.0	10.0	30.0	10.0	5.0	0.0	0.0
31	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	64.0	102.0	19.0	174.0	228.0	210.0	105.0	346.0	360.0	280.0	280.0	162.0
D. Ll.	5	4	3	13	14	15	7	18	17	10	12	5
TOTALES ANUALES							2330.0				123	Días lluvia

ESTACION: CUATRO ESQUINAS — MUNICIPIO: AGUADAS — AÑO: 1.988

ALTITUD 1.900 — LATITUD: 5-36 N. — LONGITUD: 75-30 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0	30.0	10.0
2	0.0	0.0	0.0	0.0	10.0	0.0	0.0	23.0	20.0	35.0	18.0	8.0
3	0.0	5.0	0.0	8.0	2.0	0.0	15.0	19.0	3.0	0.0	0.0	0.0
4	0.0	0.0	0.0	46.0	0.0	0.0	30.0	9.0	0.0	5.0	40.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	16.0	1.0	5.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	6.0	30.0	0.0	21.0
7	0.0	0.0	5.0	7.0	0.0	0.0	3.0	0.0	0.0	30.0	0.0	25.0
8	0.0	10.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	12.0	12.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	13.0	35.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0
11	0.0	0.0	0.0	11.0	0.0	20.0	0.0	0.0	20.0	5.0	0.0	0.0
12	0.0	0.0	0.0	8.0	0.0	20.0	0.0	0.0	0.0	30.0	0.0	11.0
13	0.0	0.0	5.0	0.0	10.0	22.0	0.0	0.0	23.0	0.0	15.0	17.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	21.0	20.0	0.0
15	8.0	0.0	0.0	0.0	27.0	2.0	0.0	22.0	12.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	25.0	12.0	0.0	20.0	10.0	5.0	25.0	0.0
17	0.0	0.0	0.0	0.0	0.0	17.0	0.0	3.0	5.0	40.0	0.0	0.0
18	13.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	25.0	0.0	5.0	0.0
19	0.0	0.0	0.0	0.0	20.0	5.0	0.0	65.0	10.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	17.0	0.0	0.0	10.0	5.0	0.0	10.0	0.0
21	0.0	0.0	2.0	0.0	0.0	0.0	0.0	20.0	9.0	0.0	20.0	0.0
22	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	10.0	0.0	0.0	0.0
23	0.0	2.0	0.0	0.0	0.0	10.0	0.0	12.0	0.0	0.0	15.0	0.0
24	0.0	0.0	0.0	0.0	12.0	20.0	0.0	50.0	0.0	3.0	10.0	0.0
25	0.0	33.0	0.0	15.0	0.0	0.0	0.0	0.0	12.0	5.0	0.0	0.0
26	0.0	87.0	0.0	9.0	7.0	10.0	20.0	7.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	17.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	45.0
28	0.0	0.0	0.0	0.0	0.0	5.0	0.0	27.0	4.0	0.0	0.0	20.0
29	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	50.0	0.0	20.0	0.0
30	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	12.0	0.0	0.0
31	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	21.0	137.0	12.0	134.0	190.0	226.0	103.0	380.0	229.0	243.0	259.0	157.0
D. Ll.	2	5	3	9	12	15	6	18	17	14	14	8
TOTALES ANUALES							2093.0				123	Días lluvia

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

ESTACION: LA LINDA MUNICIPIO: FACORA AÑO: 1.988

ALTITUD: 1.850 LATITUD: 5-30 N. LONGITUD: 75-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	15.0	7.0	0.0	0.0	0.0	0.0	0.0		0.0	25.0	0.0	
2	20.0	0.0	0.0	0.0	20.0	0.0	15.0		7.0	47.0	32.0	
3	0.0	0.0	0.0	20.0	0.0	30.0	0.0		5.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	14.0	0.0	50.0		5.0	20.0	0.0	
5	0.0	0.0	0.0	20.0	0.0	0.0	20.0		0.0	0.0	0.0	
6	0.0	0.0	0.0	10.0	5.0	0.0	10.0		40.0	39.0	15.0	
7	0.0	0.0	0.0	15.0	0.0	0.0	0.0		0.0	10.0	16.0	
8	0.0	30.0	55.0	25.0	11.0	10.0	0.0		0.0	0.0	20.0	
9	0.0	0.0	0.0	10.0	0.0	0.0	0.0		49.0	0.0	11.0	
10	0.0	0.0	0.0	0.0	0.0	20.0	39.0		5.0	0.0	0.0	
11	0.0	0.0	0.0	10.0	0.0	0.0	0.0		20.0	10.0	11.0	
12	0.0	0.0	0.0	0.0	0.0	15.0	0.0		0.0	20.0	10.0	
13	0.0	0.0	0.0	10.0	36.0	25.0	0.0		15.0	19.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	14.0	0.0		0.0	0.0	63.0	
15	40.0	0.0	0.0	15.0	0.0	0.0	0.0		0.0	0.0	28.0	
16	0.0	0.0	0.0	25.0	0.0	5.0	0.0		0.0	0.0	38.0	
17	0.0	0.0	0.0	0.0	15.0	10.0	0.0		0.0	30.0	0.0	
18	8.0	0.0	0.0	20.0	0.0	0.0	0.0		40.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	10.0	0.0		33.0	0.0	0.0	
20	0.0	0.0	0.0	11.0	15.0	0.0	0.0		20.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0		45.0	0.0	20.0	
22	0.0	0.0	0.0	10.0	10.0	15.0	10.0		10.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	10.0	0.0		10.0	0.0	49.0	
24	0.0	16.0	0.0	0.0	0.0	15.0	0.0		0.0	0.0	25.0	
25	7.0	17.0	0.0	0.0	0.0	0.0	0.0		5.0	20.0	0.0	
26	0.0	20.0	0.0	0.0	20.0	5.0	6.0		0.0	0.0	0.0	
27	0.0	0.0	0.0	54.0	0.0	0.0	0.0		0.0	0.0	9.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	20.0	
29	0.0	0.0	0.0	10.0	30.0	5.0	0.0		60.0	0.0	0.0	
30	0.0	0.0	0.0	10.0	0.0	3.0	16.0		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	90.0	90.0	55.0	275.0	176.0	192.0	166.0		369.0	240.0	367.0	
D. Ll.	5	5	1	16	10	15	8		16	10	15	
TOTALES ANUALES												Días lluvia

ESTACION: LA CASCADA MUNICIPIO: FACORA AÑO: 1.988

ALTITUD 1.600 LATITUD: 5-31 N. LONGITUD: 75-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	10.0	0.0	0.0	10.0	0.0			20.0	10.0	10.0	
2	0.0	0.0	0.0	0.0	15.0	0.0			30.0	20.0	20.0	
3	0.0	0.0	0.0	0.0	0.0	10.0			10.0	0.0	25.0	
4	0.0	0.0	20.0	0.0	0.0	20.0			15.0	10.0	10.0	
5	0.0	0.0	0.0	0.0	20.0	0.0			0.0	40.0	30.0	
6	0.0	0.0	0.0	0.0	10.0	10.0			0.0	20.0	0.0	
7	0.0	0.0	0.0	0.0	30.0	0.0			20.0	10.0	0.0	
8	0.0	0.0	0.0	0.0	10.0	0.0			40.0	30.0	0.0	
9	0.0	0.0	0.0	15.0	20.0	20.0			10.0	0.0	20.0	
10	10.0	0.0	0.0	10.0	0.0	10.0			0.0	0.0	25.0	
11	0.0	25.0	0.0	0.0	0.0	0.0			0.0	10.0	30.0	
12	0.0	10.0	0.0	0.0	0.0	0.0			30.0	40.0	15.0	
13	0.0	15.0	15.0	10.0	0.0	25.0			20.0	15.0	10.0	
14	0.0	0.0	0.0	15.0	15.0	15.0			35.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	10.0			10.0	10.0	20.0	
16	0.0	0.0	0.0	0.0	0.0	0.0			0.0	20.0	30.0	
17	0.0	0.0	0.0	0.0	0.0	0.0			25.0	0.0	0.0	
18	0.0	0.0	0.0	10.0	20.0	20.0			15.0	0.0	0.0	
19	10.0	0.0	0.0	20.0	10.0	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	
21	0.0	0.0	0.0	0.0	40.0	0.0			0.0	0.0	10.0	
22	0.0	0.0	0.0	0.0	0.0	20.0			20.0	0.0	20.0	
23	0.0	0.0	0.0	15.0	0.0	10.0			10.0	0.0	10.0	
24	0.0	0.0	0.0	0.0	0.0	0.0			0.0	10.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0			0.0	20.0	30.0	
26	0.0	20.0	0.0	0.0	0.0	10.0			0.0	0.0	0.0	
27	0.0	25.0	0.0	0.0	0.0	30.0			0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	10.0	10.0			0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	30.0	20.0			0.0	0.0	20.0	
30	0.0	0.0	0.0	20.0	0.0	0.0			0.0	0.0	0.0	
31	20.0	0.0	0.0	0.0	40.0	0.0			0.0	15.0	0.0	
Total	40.0	105.0	35.0	145.0	280.0	240.0			310.0	300.0	335.0	
D. Ll.	3	6	2	9	14	15			15	16	17	
TOTALES ANUALES												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: 1.988

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	5.0	0.0	0.0	0.0	51.0	0.0	12.0	36.0		20.0	18.0	5.0
2	0.0	0.0	0.0	3.0	0.0	12.0	12.0	16.0		13.0	5.0	0.0
3	0.0	18.0	0.0	13.0	26.0	0.0	0.0	9.0		0.0	0.0	0.0
4	14.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0		0.0	0.0	2.0
5	0.0	0.0	0.0	6.0	5.0	0.0	11.0	6.0		0.0	0.0	43.0
6	0.0	0.0	0.0	23.0	0.0	0.0	7.0	0.0		60.0	0.0	0.0
7	0.0	0.0	4.0	0.0	0.0	0.0	0.0	32.0		16.0	40.0	0.0
8	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0		0.0	18.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	23.0	15.0
10	0.0	0.0	0.0	24.0	0.0	6.0	0.0	6.0		0.0	20.0	0.0
11	0.0	0.0	0.0	76.0	0.0	5.0	9.0	0.0		15.0	9.0	0.0
12	0.0	6.0	18.0	0.0	22.0	23.0	5.0	6.0		21.0	0.0	0.0
13	0.0	0.0	0.0	5.0	16.0	0.0	0.0	0.0		24.0	0.0	25.0
14	0.0	0.0	9.0	0.0	12.0	6.0	0.0	4.0		12.0	48.0	0.0
15	38.0	0.0	0.0	14.0	0.0	0.0	0.0	3.0		0.0	10.0	0.0
16	5.0	0.0	26.0	0.0	9.0	9.0	0.0	18.0		6.0	17.0	32.0
17	13.0	0.0	0.0	16.0	0.0	11.0	0.0	0.0		0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0		0.0	2.0	0.0
19	0.0	0.0	0.0	3.0	0.0	21.0	0.0	44.0		0.0	5.0	0.0
20	0.0	0.0	0.0	0.0	0.0	18.0	0.0	10.0		0.0	0.0	0.0
21	0.0	35.0	0.0	0.0	0.0	23.0	0.0	15.0		0.0	29.0	0.0
22	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
23	0.0	0.0	0.0	44.0	0.0	0.0	0.0	37.0		0.0	25.0	0.0
24	0.0	0.0	0.0	0.0	0.0	25.0	3.0	25.0		7.0	10.0	0.0
25	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0		13.0	36.0	42.0
26	0.0	44.0	0.0	0.0	12.0	0.0	0.0	31.0		0.0	0.0	0.0
27	0.0	0.0	0.0	9.0	6.0	0.0	0.0	4.0		0.0	0.0	0.0
28	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0		0.0	13.0	0.0
29	0.0	0.0	0.0	14.0	24.0	20.0	24.0	30.0		6.0	0.0	0.0
30	0.0	0.0	0.0	1.0	0.0	8.0	0.0	58.0		0.0	0.0	0.0
31	0.0	0.0	6.0	0.0	14.0	0.0	0.0	4.0		0.0	0.0	0.0
Total	75.0	123.0	93.0	287.0	197.0	206.0	91.0	394.0		207.0	328.0	164.0
D. LL.	5	5	6	16	11	14	9	20		11	17	7
TOTALES ANUALES												Días lluvia

ESTACION: LA MANUELITA MUNICIPIO: RIOSUCIO AÑO: 1.988

ALTITUD 1.400 LATITUD: 5-22 N. LONGITUD: 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	2.0	0.0	0.0	16.0	3.0	20.0	0.0	20.0	0.0	0.0	18.0	20.0
2	20.0	0.0	0.0	5.0	2.0	0.0	9.0	10.0	60.0	90.0	0.0	5.0
3	10.0	20.0	0.0	9.0	12.0	0.0	20.0	45.0	8.0	10.0	0.0	0.0
4	0.0	10.0	0.0	0.0	0.0	11.0	40.0	0.0	7.0	18.0	0.0	10.0
5	0.0	0.0	0.0	20.0	14.0	0.0	15.0	0.0	2.0	1.0	0.0	0.0
6	0.0	2.0	0.0	0.0	3.0	0.0	6.0	8.0	0.0	15.0	0.0	0.0
7	12.0	0.0	0.0	0.0	0.0	0.0	10.0	9.0	0.0	20.0	20.0	10.0
8	0.0	20.0	15.0	0.0	15.0	0.0	1.0	3.0	3.0	18.0	24.0	0.0
9	0.0	0.0	0.0	2.0	0.0	0.0	2.0	40.0	26.0	0.0	15.0	0.0
10	0.0	0.0	0.0	20.0	0.0	7.0	3.0	15.0	0.0	0.0	16.0	0.0
11	0.0	10.0	0.0	0.0	22.0	30.0	0.0	0.0	4.0	1.0	0.0	0.0
12	0.0	40.0	0.0	20.0	2.0	7.0	0.0	34.0	0.0	35.0	8.0	5.0
13	0.0	0.0	0.0	4.0	20.0	10.0	0.0	0.0	20.0	15.0	19.0	0.0
14	5.0	0.0	0.0	10.0	0.0	3.0	0.0	3.0	0.0	16.0	0.0	0.0
15	60.0	0.0	0.0	20.0	0.0	0.0	0.0	5.0	0.0	0.0	15.0	0.0
16	0.0	0.0	1.0	0.0	5.0	9.0	0.0	70.0	5.0	0.0	5.0	20.0
17	55.0	0.0	0.0	3.0	85.0	20.0	0.0	0.0	60.0	15.0	0.0	15.0
18	20.0	0.0	0.0	2.0	0.0	8.0	40.0	0.0	12.0	10.0	0.0	0.0
19	0.0	0.0	0.0	0.0	22.0	10.0	0.0	20.0	2.0	0.0	0.0	0.0
20	5.0	0.0	0.0	27.0	0.0	0.0	0.0	22.0	13.0	6.0	12.0	0.0
21	0.0	20.0	0.0	0.0	1.0	0.0	0.0	60.0	10.0	1.0	20.0	0.0
22	0.0	0.0	0.0	21.0	0.0	5.0	0.0	0.0	20.0	0.0	0.0	2.0
23	4.0	1.0	0.0	0.0	0.0	51.0	0.0	20.0	0.0	0.0	20.0	0.0
24	0.0	0.0	0.0	25.0	0.0	20.0	1.0	27.0	0.0	30.0	22.0	0.0
25	0.0	5.0	0.0	5.0	21.0	0.0	2.0	0.0	2.0	1.0	30.0	0.0
26	0.0	15.0	0.0	41.0	0.0	0.0	1.0	18.0	3.0	0.0	0.0	3.0
27	0.0	20.0	0.0	4.0	22.0	2.0	0.0	7.0	0.0	10.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	3.0	10.0	30.0
29	0.0	0.0	0.0	29.0	96.0	0.0	10.0	20.0	30.0	0.0	0.0	0.0
30	0.0	0.0	0.0	6.0	0.0	1.0	1.0	5.0	5.0	5.0	10.0	0.0
31	0.0	0.0	5.0	0.0	11.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0
Total	193.0	163.0	21.0	289.0	358.0	214.0	161.0	494.0	292.0	314.0	264.0	120.0
D. LL.	10	11	3	20	17	16	15	23	19	19	16	10
TOTALES ANUALES						2883.0					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:** RICSUCIO **AÑO:** 1.988

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	8.0	2.0	0.0	14.0	2.0	21.0	0.0	7.0	5.0	21.0	8.0	12.0
2	8.0	0.0	0.0	4.0	5.0	12.0	10.0	10.0	9.0	23.0	6.0	5.0
3	2.0	15.0	0.0	9.0	7.0	0.0	3.0	9.0	5.0	3.0	0.0	13.0
4	14.0	3.0	0.0	0.0	0.0	4.0	26.0	0.0	16.0	2.0	0.0	4.0
5	2.0	0.0	0.0	16.0	5.0	0.0	21.0	2.0	5.0	0.0	0.0	0.0
6	0.0	1.0	7.0	9.0	46.0	3.0	7.0	1.0	2.0	13.0	0.0	12.0
7	5.0	0.0	0.0	0.0	0.0	0.0	10.0	13.0	1.0	20.0	40.0	15.0
8	0.0	42.0	31.0	0.0	3.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0
9	0.0	1.0	16.0	3.0	2.0	2.0	2.0	16.0	22.0	0.0	10.0	0.0
10	0.0	22.0	0.0	17.0	0.0	3.0	0.0	27.0	3.0	4.0	24.0	2.0
11	0.0	7.0	0.0	2.0	10.0	18.0	3.0	0.0	8.0	3.0	0.0	0.0
12	0.0	5.0	0.0	33.0	0.0	16.0	5.0	10.0	0.0	38.0	20.0	45.0
13	0.0	1.0	0.0	9.0	9.0	10.0	0.0	0.0	24.0	29.0	18.0	33.0
14	2.0	0.0	0.0	15.0	1.0	0.0	0.0	6.0	0.0	8.0	16.0	1.0
15	7.0	0.0	5.0	24.0	9.0	2.0	0.0	2.0	0.0	7.0	13.0	6.0
16	9.0	1.0	37.0	0.0	0.0	27.0	0.0	20.0	11.0	3.0	6.0	13.0
17	18.0	0.0	0.0	12.0	13.0	16.0	0.0	4.0	35.0	8.0	3.0	5.0
18	5.0	0.0	0.0	2.0	0.0	17.0	0.0	1.0	17.0	15.0	2.0	1.0
19	0.0	0.0	0.0	8.0	27.0	4.0	0.0	43.0	4.0	2.0	0.0	3.0
20	0.0	0.0	0.0	10.0	0.0	1.0	0.0	13.0	14.0	0.0	15.0	1.0
21	8.0	4.0	0.0	3.0	0.0	0.0	0.0	17.0	33.0	0.0	38.0	0.0
22	0.0	0.0	0.0	13.0	0.0	10.0	1.0	0.0	37.0	0.0	2.0	5.0
23	0.0	1.0	0.0	13.0	0.0	26.0	0.0	20.0	0.0	0.0	36.0	1.0
24	0.0	1.0	0.0	25.0	0.0	22.0	3.0	50.0	10.0	3.0	24.0	7.0
25	1.0	23.0	0.0	0.0	40.0	3.0	4.0	3.0	4.0	18.0	15.0	26.0
26	0.0	50.0	0.0	9.0	0.0	2.0	2.0	10.0	0.0	0.0	18.0	1.0
27	0.0	17.0	0.0	13.0	33.0	3.0	0.0	3.0	0.0	2.0	0.0	4.0
28	0.0	0.0	0.0	0.0	5.0	2.0	1.0	0.0	0.0	28.0	35.0	20.0
29	0.0	0.0	14.0	10.0	50.0	1.0	3.0	33.0	32.0	53.0	4.0	2.0
30	15.0	0.0	0.0	12.0	0.0	0.0	0.0	25.0	9.0	7.0	30.0	1.0
31	0.0	0.0	2.0	0.0	11.0	0.0	0.0	18.0	0.0	0.0	0.0	4.0
Total	104.0	196.0	112.0	285.0	278.0	225.0	103.0	365.0	306.0	310.0	383.0	242.0
D. LL	14	17	7	24	18	23	16	26	22	22	22	26

TOTALES ANUALES 2909.0 237 Días lluvia

ESTACION: EL CONTENTO **MUNICIPIO:** LA MERCED **AÑO:** 1.988

ALTITUD 1.800 **LATITUD:** 5-24 N. **LONGITUD:** 75-33 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	15.0	0.0	19.0	2.0	5.0	0.0	0.0	65.0	0.0
2	0.0	0.0	0.0	0.0	3.0	0.0	13.0	10.0	20.0	11.0	3.0	4.0
3	0.0	40.0	0.0	0.0	0.0	0.0	10.0	15.0	9.0	0.0	0.0	0.0
4	0.0	6.0	0.0	17.0	0.0	0.0	6.0	0.0	0.0	4.0	0.0	3.0
5	0.0	0.0	0.0	19.0	0.0	0.0	7.0	0.0	5.0	0.0	8.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	14.0	50.0	18.0	10.0
7	0.0	0.0	0.0	0.0	3.0	5.0	2.0	4.0	50.0	31.0	41.0	15.0
8	0.0	14.0	4.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	10.0	0.0
9	0.0	0.0	26.0	10.0	0.0	3.0	12.0	6.0	12.0	3.0	0.0	5.0
10	0.0	0.0	0.0	39.0	0.0	4.0	2.0	40.0	3.0	0.0	25.0	0.0
11	0.0	0.0	0.0	0.0	55.0	0.0	6.0	0.0	12.0	0.0	3.0	0.0
12	0.0	0.0	0.0	52.0	0.0	14.0	9.0	37.0	23.0	8.0	5.0	10.0
13	4.0	0.0	0.0	0.0	51.0	9.0	0.0	0.0	23.0	17.0	26.0	6.0
14	5.0	0.0	0.0	30.0	0.0	6.0	2.0	6.0	0.0	30.0	11.0	0.0
15	0.0	0.0	0.0	0.0	5.0	6.0	0.0	7.0	0.0	20.0	70.0	0.0
16	22.0	0.0	0.0	0.0	5.0	13.0	0.0	4.0	7.0	50.0	15.0	0.0
17	0.0	0.0	0.0	8.0	10.0	6.0	0.0	3.0	19.0	25.0	0.0	11.0
18	0.0	0.0	0.0	17.0	0.0	9.0	5.0	10.0	31.0	0.0	6.0	0.0
19	0.0	0.0	0.0	13.0	18.0	0.0	0.0	56.0	70.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	8.0	13.0	40.0	4.0	0.0	14.0	0.0
21	0.0	0.0	0.0	4.0	20.0	3.0	0.0	17.0	10.0	0.0	15.0	0.0
22	0.0	0.0	0.0	11.0	0.0	7.0	0.0	2.0	13.0	6.0	0.0	0.0
23	0.0	16.0	0.0	0.0	0.0	16.0	2.0	30.0	0.0	0.0	32.0	0.0
24	0.0	0.0	0.0	20.0	0.0	29.0	3.0	22.0	0.0	0.0	0.0	5.0
25	0.0	40.0	0.0	10.0	5.0	0.0	4.0	3.0	6.0	10.0	0.0	9.0
26	0.0	15.0	0.0	0.0	0.0	0.0	6.0	9.0	0.0	0.0	0.0	0.0
27	7.0	0.0	0.0	0.0	9.0	5.0	0.0	7.0	0.0	5.0	0.0	0.0
28	0.0	0.0	0.0	0.0	3.0	5.0	0.0	5.0	15.0	8.0	10.0	55.0
29	0.0	0.0	0.0	10.0	19.0	0.0	4.0	15.0	20.0	0.0	10.0	6.0
30	16.0	0.0	0.0	5.0	0.0	0.0	0.0	58.0	6.0	0.0	55.0	0.0
31	0.0	0.0	0.0	0.0	13.0	0.0	6.0	30.0	0.0	24.0	0.0	0.0
Total	54.0	131.0	30.0	280.0	219.0	167.0	130.0	444.0	372.0	302.0	442.0	139.0
D. LL.	5	6	2	16	14	18	20	26	21	16	20	12

TOTALES ANUALES 2710.0 176 Días lluvia

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

ESTACION: LA JULIA MUNICIPIO: FILADELFIA AÑO: 1.988

ALTITUD: LATITUD: 5-14 N. LONGITUD: 75-34 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	20.0	10.0	6.0	0.0	4.0	0.0	4.0	0.0
2	0.0	0.0	2.0	0.0	10.0	5.0	12.0	10.0	64.0	20.0	30.0	4.0
3	30.0	0.0	0.0	15.0	4.0	0.0	40.0	10.0	0.0	15.0	10.0	6.0
4	0.0	57.0	0.0	0.0	6.0	0.0	12.0	0.0	34.0	0.0	0.0	10.0
5	0.0	20.0	0.0	16.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	8.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	30.0	20.0	20.0
7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	40.0	10.0	0.0
8	0.0	34.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	7.0
9	0.0	0.0	2.0	0.0	0.0	0.0	5.0	8.0	0.0	0.0	5.0	6.0
10	0.0	0.0	0.0	40.0	10.0	30.0	6.0	0.0	0.0	10.0	10.0	0.0
11	0.0	0.0	0.0	15.0	10.0	0.0	20.0	30.0	25.0	15.0	10.0	0.0
12	0.0	25.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	25.0	8.0	0.0
13	10.0	14.0	10.0	10.0	30.0	14.0	0.0	0.0	10.0	14.0	20.0	10.0
14	10.0	0.0	0.0	2.0	0.0	40.0	0.0	35.0	0.0	8.0	10.0	0.0
15	10.0	0.0	10.0	10.0	0.0	0.0	0.0	37.0	0.0	16.0	9.0	0.0
16	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	17.0	20.0
17	0.0	0.0	0.0	7.0	25.0	10.0	0.0	0.0	10.0	9.0	8.0	0.0
18	19.0	0.0	0.0	10.0	0.0	20.0	10.0	0.0	0.0	0.0	0.0	10.0
19	33.0	0.0	0.0	0.0	0.0	8.0	0.0	35.0	10.0	0.0	6.0	5.0
20	0.0	0.0	0.0	11.0	0.0	0.0	0.0	30.0	31.0	0.0	11.0	0.0
21	0.0	2.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	0.0	0.0	8.0
22	0.0	0.0	0.0	24.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0	10.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	4.0	0.0	34.0	0.0	32.0	10.0	10.0	40.0	6.0
25	0.0	5.0	0.0	0.0	0.0	33.0	0.0	0.0	8.0	10.0	0.0	5.0
26	0.0	30.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	12.0
27	0.0	0.0	0.0	4.0	34.0	0.0	0.0	8.0	0.0	10.0	7.0	10.0
28	0.0	0.0	0.0	5.0	0.0	0.0	20.0	8.0	0.0	0.0	8.0	8.0
29	20.0	0.0	0.0	7.0	34.0	0.0	0.0	34.0	15.0	0.0	30.0	0.0
30	0.0	0.0	10.0	0.0	0.0	0.0	5.0	31.0	5.0	0.0	5.0	0.0
31	0.0	0.0	10.0	0.0	20.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
Total	142.0	187.0	54.0	190.0	213.0	214.0	146.0	377.0	255.0	242.0	297.0	165.0
D. Ll.	8	8	7	16	12	12	11	19	14	15	23	18
TOTALES ANUALES							2482.0				163	Días lluvia

ESTACION: SAN ISIDRO MUNICIPIO: FILADELFIA AÑO: 1.988

ALTITUD 1.600 LATITUD: 5-14 N. LONGITUD: 75-34 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	17.0	14.0	0.0	93.0
2	0.0	0.0	0.0	2.0	0.0	0.0	40.0	36.0	16.0	19.0	19.0	19.0
3	14.0	40.0	0.0	0.0	9.0	0.0	38.0	2.0	3.0	8.0	0.0	12.0
4	0.0	0.0	0.0	2.0	0.0	3.0	21.0	6.0	5.0	13.0	0.0	0.0
5	0.0	9.0	0.0	1.0	10.0	0.0	2.0	0.0	8.0	17.0	0.0	9.0
6	0.0	13.0	0.0	2.0	0.0	0.0	3.0	0.0	14.0	0.0	0.0	26.0
7	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	9.0	0.0	58.0	55.0
8	0.0	73.0	8.0	5.0	0.0	0.0	19.0	16.0	3.0	3.0	29.0	0.0
9	0.0	0.0	0.0	12.0	0.0	13.0	8.0	8.0	11.0	7.0	14.0	0.0
10	0.0	0.0	0.0	36.0	14.0	5.0	0.0	4.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	8.0	0.0	9.0	0.0	0.0	8.0	0.0	11.0	0.0
12	0.0	8.0	0.0	6.0	0.0	11.0	0.0	0.0	4.0	9.0	19.0	0.0
13	0.0	19.0	0.0	4.0	19.0	6.0	0.0	0.0	2.0	14.0	21.0	6.0
14	0.0	0.0	0.0	14.0	7.0	0.0	0.0	7.0	6.0	19.0	8.0	10.0
15	8.0	0.0	2.0	47.0	4.0	0.0	0.0	26.0	0.0	35.0	12.0	0.0
16	0.0	0.0	0.0	25.0	0.0	43.0	0.0	48.0	0.0	4.0	62.0	3.0
17	18.0	0.0	0.0	0.0	3.0	3.0	0.0	25.0	0.0	8.0	43.0	31.0
18	47.0	0.0	0.0	0.0	8.0	6.0	0.0	0.0	8.0	0.0	17.0	0.0
19	0.0	0.0	0.0	0.0	2.0	8.0	0.0	14.0	7.0	0.0	0.0	0.0
20	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	3.0	7.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	2.0	1.0	79.0	14.0	0.0	9.0	0.0
22	0.0	0.0	0.0	4.0	25.0	10.0	0.0	8.0	6.0	0.0	3.0	0.0
23	0.0	0.0	0.0	1.0	0.0	28.0	0.0	7.0	0.0	0.0	7.0	0.0
24	0.0	0.0	0.0	0.0	0.0	10.0	2.0	17.0	0.0	12.0	2.0	0.0
25	0.0	5.0	0.0	0.0	5.0	0.0	0.0	23.0	4.0	7.0	15.0	12.0
26	0.0	30.0	0.0	2.0	0.0	15.0	0.0	49.0	6.0	6.0	0.0	19.0
27	0.0	0.0	0.0	10.0	7.0	39.0	0.0	5.0	0.0	0.0	0.0	22.0
28	8.0	0.0	0.0	0.0	0.0	0.0	10.0	3.0	0.0	0.0	20.0	0.0
29	0.0	0.0	0.0	0.0	11.0	0.0	2.0	9.0	0.0	0.0	14.0	0.0
30	0.0	0.0	0.0	14.0	0.0	0.0	0.0	12.0	34.0	11.0	0.0	0.0
31	0.0	0.0	0.0	0.0	6.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0
Total	95.0	197.0	10.0	197.0	141.0	213.0	148.0	442.0	188.0	213.0	385.0	317.0
D. Ll.	5	8	2	19	15	17	12	22	21	18	20	13
TOTALES ANUALES							2550.0				172	Días lluvia

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

ESTACION: LA CORNETA MUNICIPIO: LA VICTORIA AÑO: 1.988

ALTITUD: 800 LATITUD: 5-23 N. LONGITUD: 74-53 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	109.0	0.0	30.0	17.0	0.0	40.0	25.0	34.0
2	0.0	36.0	0.0	0.0	0.0	20.0	0.0	9.0	0.0	24.0	56.0	154.0
3	3.5	51.0	0.0	30.0	24.0	0.0	0.0	40.0	54.0	18.0	2.0	30.0
4	0.0	0.0	0.0	0.0	0.0	0.0	26.0	14.0	34.0	5.0	0.0	49.0
5	0.0	0.0	0.0	5.2	32.0	0.0	3.0	5.0	19.0	0.0	13.0	15.0
6	0.0	25.0	0.0	75.0	0.0	1.0	34.0	30.0	0.0	25.0	0.0	0.0
7	1.9	0.0	0.0	2.0	0.0	0.0	6.0	7.0	72.0	30.0	75.0	20.0
8	0.0	38.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	19.0
9	0.0	14.0	0.0	20.0	8.0	0.0	0.0	7.0	50.0	0.0	19.0	0.0
10	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	107.0	0.0
11	0.0	5.0	0.0	2.5	0.0	0.0	0.0	0.0	16.0	0.0	51.0	0.0
12	0.0	0.0	0.0	88.0	0.0	21.0	0.0	0.0	3.0	24.0	4.0	9.0
13	10.0	12.0	0.0	0.0	29.0	65.0	0.0	10.0	12.0	31.0	24.0	16.0
14	0.0	0.0	0.0	45.0	2.0	0.0	0.0	12.0	0.0	68.0	16.0	0.0
15	42.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	128.0	78.0	8.0
16	0.0	30.0	1.5	10.0	0.0	32.0	0.0	10.0	6.0	8.0	33.0	15.0
17	0.0	8.0	0.0	0.0	0.0	12.0	0.0	0.0	41.0	28.0	11.0	5.0
18	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	5.0	85.0	81.0	59.0
19	0.0	46.0	0.0	45.5	46.0	0.0	0.0	13.0	21.0	6.0	49.0	0.0
20	0.0	25.0	0.0	19.0	0.0	0.0	0.0	40.0	33.0	65.0	44.0	49.0
21	0.0	0.0	4.0	7.0	2.0	18.0	0.0	19.0	35.0	30.0	27.0	68.0
22	0.0	0.0	0.0	47.0	0.0	20.0	0.0	0.0	11.0	0.0	50.0	0.0
23	0.0	0.0	0.0	0.0	0.0	27.0	0.0	42.0	0.0	0.0	4.0	36.0
24	0.0	34.0	0.0	5.0	0.0	19.0	9.0	0.0	11.0	5.0	33.0	43.0
25	0.0	0.0	0.0	49.0	5.0	17.0	0.0	85.0	32.0	70.0	0.0	24.0
26	0.0	0.0	0.0	5.0	14.5	0.0	0.0	0.0	0.0	25.0	0.0	0.0
27	0.0	0.0	0.0	6.0	24.0	0.0	0.0	8.0	14.0	111.0	0.0	0.0
28	26.0	29.0	0.0	0.0	0.0	2.0	12.0	8.0	2.0	15.0	64.0	16.0
29	0.0	0.0	69.0	6.0	16.0	0.0	10.0	9.0	20.0	0.0	2.0	0.0
30	0.0	0.0	14.0	0.0	0.0	24.0	0.0	71.0	0.0	6.0	42.0	6.0
31	42.0	0.0	13.5	0.0	23.0	0.0	0.0	9.0	0.0	50.0	0.0	54.0
Total	125.4	353.0	102.0	512.2	338.5	282.0	130.0	465.0	491.0	903.0	910.0	720.0
D. Ll.	6	13	5	20	14	14	8	21	20	24	24	21
TOTALES ANUALES							5332.1				190	Días lluvia

ESTACION: EL TAMBOR MUNICIPIO: LA VICTORIA AÑO: 1.988

ALTITUD 850 LATITUD: 5-22 N LONGITUD: 74-56 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1					28.0	0.0	2.0	12.0	0.0	45.0	18.0	30.0
2					31.0	15.0	50.0	7.0	0.0	25.0	49.0	129.0
3					8.0	0.0	26.0	0.0	38.0	8.0	0.0	8.0
4					18.0	0.0	2.0	0.0	89.0	0.0	0.0	62.0
5					0.0	0.0	0.0	18.0	33.0	0.0	0.0	26.0
6					0.0	0.0	47.0	20.0	0.0	30.0	0.0	6.0
7					1.0	0.0	3.0	2.0	85.0	27.0	27.0	24.0
8					0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0
9					0.0	0.0	0.0	0.0	46.0	0.0	36.0	35.0
10					0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0
11					0.0	0.0	0.0	0.0	9.0	0.0	72.0	0.0
12					0.0	20.0	0.0	0.0	0.0	22.0	0.0	10.0
13					20.0	29.0	0.0	31.0	10.0	26.0	40.0	7.0
14					1.0	0.0	0.0	6.0	0.0	0.0	25.0	0.0
15					0.0	6.0	0.0	1.0	0.0	116.0	73.0	7.0
16					0.0	19.0	0.0	43.0	0.0	52.0	5.0	0.0
17					0.0	11.0	0.0	0.0	57.0	32.0	16.0	5.0
18				0.0	5.0	0.0	0.0	25.0	11.0	91.0	17.0	49.0
19				25.0	10.0	3.0	0.0	0.0	3.0	6.0	120.0	0.0
20				0.0	0.0	0.0	0.0	37.0	40.0	93.0	85.0	21.0
21				9.0	0.0	2.0	0.0	0.0	28.0	56.0	0.0	3.0
22				47.0	0.0	16.0	0.0	32.0	9.0	0.0	80.0	48.0
23				0.0	0.0	33.0	0.0	61.0	0.0	0.0	4.0	23.0
24				0.0	0.0	30.0	12.0	0.0	0.0	7.0	16.0	47.0
25				33.0	4.0	4.0	0.0	0.0	37.0	59.0	0.0	0.0
26				37.0	10.0	0.0	0.0	115.0	0.0	15.0	0.0	0.0
27				5.0	17.0	0.0	0.0	15.0	2.0	75.0	0.0	0.0
28				0.0	0.0	3.0	0.0	0.0	0.0	14.0	41.0	15.0
29				3.0	19.0	0.0	29.0	0.0	35.0	0.0	0.0	0.0
30				34.0	0.0	20.0	0.0	6.0	0.0	5.0	43.0	40.0
31				0.0	20.0	0.0	0.0	60.0	0.0	90.0	0.0	7.0
Total					152.0	212.0	171.0	491.0	532.0	894.0	847.0	604.0
D. Ll.					14	15	8	17	16	21	19	22
TOTALES ANUALES												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:** 1.988

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	0.0	0.0	0.0	21.0	1.0	0.0	20.0	10.0
2	0.0	0.0	0.0	1.0	2.0	3.0	4.0	9.0	0.0	0.0	0.0	53.0
3	0.0	55.0	0.0	25.0	0.0	0.0	13.0	0.0	2.0	1.0	0.0	21.0
4	0.0	0.0	0.0	0.0	3.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	34.0	0.0	0.0	1.0	0.0	2.0	0.0	0.0	5.0
6	0.0	0.0	0.0	3.0	2.0	0.0	1.0	2.0	40.0	0.0	2.0	8.0
7	0.0	0.0	0.0	1.0	3.0	0.0	11.0	4.0	4.0	4.0	12.0	45.0
8	0.0	39.0	55.0	0.0	1.0	0.0	0.0	8.0	0.0	0.0	5.0	2.0
9	0.0	3.0	20.0	5.0	0.0	2.0	0.0	0.0	5.0	5.0	20.0	0.0
10	0.0	0.0	0.0	43.0	5.0	2.0	0.0	10.0	6.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	6.0	0.0	12.0	27.0	5.0	0.0	0.0
12	0.0	23.0	0.0	25.0	0.0	0.0	4.0	8.0	5.0	51.0	3.0	0.0
13	0.0	0.0	11.0	2.0	52.0	5.0	0.0	15.0	15.0	18.0	18.0	3.0
14	0.0	0.0	0.0	7.0	0.0	0.0	0.0	23.0	2.0	25.0	14.0	0.0
15	2.0	0.0	4.0	12.0	1.0	3.0	0.0	3.0	0.0	24.0	59.0	0.0
16	0.0	0.0	0.0	0.0	0.0	15.0	0.0	39.0	0.0	4.0	0.0	12.0
17	20.0	0.0	0.0	0.0	2.0	1.0	0.0	1.0	6.0	22.0	7.0	13.0
18	2.0	0.0	0.0	11.0	0.0	1.0	4.0	0.0	17.0	3.0	66.0	0.0
19	0.0	0.0	0.0	0.0	1.0	0.0	0.0	37.0	3.0	2.0	16.0	0.0
20	0.0	0.0	0.0	8.0	0.0	0.0	0.0	16.0	5.0	0.0	48.0	2.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	57.0	0.0
22	0.0	0.0	0.0	2.0	0.0	14.0	0.0	0.0	22.0	0.0	11.0	3.0
23	0.0	0.0	0.0	0.0	3.0	4.0	0.0	0.0	0.0	0.0	21.0	0.0
24	0.0	5.0	0.0	4.0	0.0	18.0	1.0	1.0	0.0	2.0	0.0	0.0
25	0.0	10.0	0.0	0.0	17.0	2.0	2.0	0.0	11.0	0.0	37.0	8.0
26	0.0	40.0	0.0	0.0	0.0	0.0	0.0	2.0	7.0	0.0	0.0	0.0
27	0.0	11.0	0.0	0.0	3.0	0.0	0.0	4.0	7.0	7.0	0.0	18.0
28	0.0	0.0	0.0	30.0	2.0	0.0	0.0	7.0	0.0	0.0	16.0	3.0
29	0.0	0.0	0.0	0.0	30.0	2.0	8.0	25.0	35.0	25.0	0.0	0.0
30	0.0	0.0	0.0	7.0	0.0	8.0	0.0	10.0	8.0	0.0	15.0	0.0
31	0.0	0.0	15.0	0.0	2.0	0.0	1.0	8.0	0.0	0.0	0.0	4.0
Total	24.0	186.0	105.0	220.0	129.0	86.0	70.0	271.0	230.0	198.0	447.0	210.0
D. Ll.	3	8	5	17	16	15	12	23	21	15	19	16

TOTALES ANUALES 2176.0 mm. 170 Dias lluvia

ESTACION: LA TRILLADORA **MUNICIPIO:** MANIZALES **AÑO:** 1.988

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

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	3.0	3.0	0.0	3.0					
2	0.0	57.0	0.0	0.0	2.0	2.0	0.0					
3	0.0	0.0	0.0	20.0	1.0	10.0	7.0					
4	0.0	0.0	0.0	0.0	6.0	4.0	6.0					
5	0.0	7.0	0.0	8.0	33.0	0.0	0.0					
6	0.0	0.0	0.0	5.0	6.0	0.0	5.0					
7	0.0	0.0	10.0	4.0	0.0	0.0	0.0					
8	0.0	40.0	0.0	4.0	10.0	0.0	2.0					
9	0.0	0.0	30.0	20.0	0.0	2.0	7.0					
10	0.0	15.0	0.0	21.0	0.0	5.0	0.0					
11	0.0	14.0	0.0	9.0	0.0	6.0	8.0					
12	0.0	21.0	0.0	10.0	0.0	10.0	0.0					
13	0.0	2.0	3.0	0.0	40.0	20.0	4.0					
14	12.0	0.0	0.0	6.0	15.0	0.0	0.0					
15	0.0	0.0	0.0	20.0	0.0	1.0	0.0					
16	0.0	0.0	31.0	0.0	0.0	53.0	0.0					
17	15.0	0.0	0.0	0.0	19.0	0.0	0.0					
18	17.0	0.0	0.0	4.0	3.0	27.0	24.0					
19	0.0	0.0	0.0	0.0	4.0	2.0	0.0					
20	0.0	0.0	0.0	16.0	0.0	0.0	0.0					
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
22	0.0	0.0	0.0	0.0	0.0	23.0	0.0					
23	0.0	0.0	0.0	0.0	0.0	19.0	4.0					
24	0.0	0.0	0.0	4.0	0.0	24.0	2.0					
25	0.0	34.0	0.0	0.0	5.0	7.0	7.0					
26	0.0	50.0	0.0	4.0	0.0	10.0	2.0					
27	0.0	0.0	0.0	10.0	0.0	2.0	0.0					
28	0.0	20.0	0.0	18.0	0.0	4.0	19.0					
29	0.0	4.0	0.0	10.0	28.0	6.0	0.0					
30	0.0	0.0	0.0	8.0	0.0	8.0	0.0					
31	0.0	0.0	4.0	0.0	4.0	0.0	0.0					
Total	44.0	264.0	78.0	204.0	179.0	245.0	100.0					
D. Ll.	3	11	5	20	15	21	14					

TOTALES ANUALES mm. Dias lluvia

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

ESTACION: TESORITO **MUNICIPIO:** MANIZALES **AÑO:** 1.988

ALTITUD: 2.200 **LATITUD:** 5-02 N. **LONGITUD:** 75-27 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		0.0	0.0	20.0	4.0			3.0	9.0	22.0	0.7	19.0
2		0.0	0.0	0.0	5.0			12.0	0.0	15.0	15.5	4.0
3		25.5	0.0	8.0	5.0			24.0	7.0	7.0	2.0	4.0
4		6.0	0.0	4.0	4.0			0.0	6.0	6.0	5.0	23.0
5		5.5	0.0	4.0	4.0			3.0	1.0	18.0	0.0	6.0
6		3.0	0.0	7.0	6.0			1.0	8.0	19.0	14.5	0.5
7		4.5	0.0	8.0	3.0			8.0	7.5	5.0	10.0	3.0
8		11.5	60.0	9.0	1.0			5.0	3.1	11.0	8.0	2.0
9		0.0	25.0	24.0	16.0			4.0	0.0	0.0	16.0	0.0
10		0.0	0.0	11.0	6.0			0.0	9.0	27.0	5.5	2.0
11		2.0	0.0	6.0	20.0			1.0	6.0	10.0	5.0	1.0
12		5.0	0.0	6.0	0.0			9.0	0.5	7.0	5.0	2.0
13		1.0	0.0	10.0	23.0			0.0	32.0	14.0	17.0	20.0
14		0.0	0.0	0.0	12.0			0.0	2.5	5.0	13.0	0.0
15		0.0	10.0	0.0	10.0			29.0	8.5	50.0	15.0	4.0
16		0.0	0.0	4.0	0.0			7.5	10.0	0.0	7.0	9.0
17		0.0	22.0	0.0	20.0			6.0	21.5	0.0	8.0	0.0
18		0.0	30.0	0.0	19.0			4.0	23.0	0.0	12.0	0.0
19		0.0	0.0	3.0	34.0			20.0	8.0	0.0	0.0	1.0
20		0.0	0.0	10.0	0.0			41.0	8.0	2.0	11.0	6.0
21		1.0	0.0	2.0	6.0			9.0	0.0	0.0	14.0	0.0
22		0.0	0.0	17.0	8.0			10.0	15.0	1.0	17.0	3.0
23		0.0	0.0	0.0	0.0			9.0	2.0	2.0	9.0	0.0
24		5.0	0.0	1.0	0.0			9.0	0.0	27.0	2.5	6.0
25		7.0	0.0	0.0	2.0			2.0	0.0	1.5	7.0	2.0
26		14.0	0.0	0.0	25.0			0.0	0.0	0.0	24.0	2.0
27		0.0	0.0	6.0	51.0			15.0	0.0	5.0	3.0	16.5
28		0.0	0.0	3.0	5.0			6.0	4.0	7.0	6.5	0.0
29		0.0	15.0	6.0	3.0			11.0	15.0	3.0	12.0	6.0
30		0.0	0.0	18.0	0.0			24.0	21.0	21.0	7.5	12.0
31		0.0	0.0	0.0	0.0			21.0	0.0	1.0	0.0	0.0
Total		91.0	162.0	187.0	292.0			293.5	227.6	286.5	272.7	154.0
D. LI.		13	6	22	24			26	23	24	28	23

TOTALES ANUALES mm. Días lluvia

ESTACION: EL RECREO **MUNICIPIO:** PALESTINA **AÑO:** 1.988

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	0.0	0.0	0.0	0.0	5.0	0.0	0.0	14.0	0.0	45.0	5.0	1.0
2	0.0	0.0	0.0	51.0	0.0	21.0	21.0	31.0	4.0	5.0	12.0	28.0
3	5.0	10.0	0.0	33.0	3.0	0.0	41.0	14.0	0.0	18.0	0.0	10.0
4	0.0	4.0	0.0	0.0	28.0	36.0	21.0	0.0	10.0	0.0	0.0	10.0
5	0.0	0.0	0.0	31.0	25.0	0.0	36.0	0.0	0.0	0.0	21.0	6.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	44.0	20.0	0.0
7	0.0	0.0	0.0	0.0	8.0	0.0	9.0	18.0	0.0	26.0	18.0	30.0
8	0.0	20.0	21.0	6.0	0.0	0.0	0.0	10.0	0.0	2.0	1.0	0.0
9	0.0	0.0	14.0	1.0	8.0	0.0	0.0	2.0	6.0	24.0	12.0	0.0
10	0.0	0.0	0.0	20.0	0.0	16.0	25.0	0.0	7.0	0.0	45.0	0.0
11	0.0	0.0	0.0	1.0	3.0	0.0	0.0	0.0	14.0	3.0	0.0	0.0
12	0.0	31.0	0.0	39.0	0.0	5.0	0.0	91.0	14.0	40.0	52.0	0.0
13	0.0	34.0	0.0	2.0	17.0	6.0	0.0	14.0	11.0	8.0	33.0	2.0
14	0.0	14.0	0.0	10.0	0.0	0.0	0.0	27.0	0.0	0.0	15.0	0.0
15	26.0	0.0	0.0	1.0	3.0	13.0	0.0	4.0	0.0	0.0	21.0	4.0
16	0.0	0.0	3.0	26.0	3.0	17.0	0.0	8.0	0.0	0.0	38.0	44.0
17	8.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	24.0	13.0	0.0	31.0
18	25.0	0.0	0.0	7.0	30.0	6.0	0.0	0.0	20.0	0.0	21.0	0.0
19	0.0	0.0	0.0	0.0	2.0	0.0	0.0	40.0	2.0	0.0	23.0	0.0
20	0.0	0.0	0.0	31.0	0.0	0.0	0.0	19.0	6.0	0.0	1.0	0.0
21	0.0	0.0	0.0	2.0	0.0	0.0	0.0	28.0	0.0	14.0	30.0	0.0
22	0.0	0.0	0.0	12.0	0.0	45.0	0.0	2.0	14.0	0.0	14.0	0.0
23	0.0	0.0	0.0	0.0	14.0	3.0	0.0	16.0	0.0	15.0	3.0	0.0
24	0.0	9.0	0.0	0.0	17.0	9.0	2.0	1.0	14.0	0.0	0.0	0.0
25	0.0	20.0	0.0	0.0	1.0	0.0	4.0	26.0	0.0	0.0	38.0	5.0
26	0.0	15.0	0.0	1.0	24.0	0.0	11.0	65.0	0.0	0.0	0.0	0.0
27	0.0	8.0	0.0	15.0	0.0	3.0	0.0	10.0	0.0	0.0	0.0	6.0
28	2.0	0.0	0.0	10.0	51.0	0.0	5.0	2.0	20.0	4.0	6.0	25.0
29	0.0	0.0	0.0	30.0	0.0	4.0	15.0	14.0	23.0	1.0	2.0	0.0
30	0.0	0.0	0.0	10.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	5.0
31	0.0	0.0	11.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
Total	66.0	165.0	49.0	339.0	248.0	184.0	150.0	498.0	159.0	262.0	431.0	207.0
D. LI.	5	10	4	21	19	13	11	25	16	15	22	14

TOTALES ANUALES 2838.0 mm. 175 Días lluvia

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

ESTACION: LA SELVA **MUNICIPIO:** MANIZALES **AÑO:** 1.988

ALTITUD: 1.350 **LATITUD:** 5-07 N. **LONGITUD:** 75 36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	18.0	0.0	12.0	2.0	5.0	14.0	17.0
2	0.0	0.0	0.0	30.0	5.0	11.0	7.0	29.0	0.0	10.0	10.0	9.0
3	0.0	61.0	0.0	47.0	2.0	0.0	42.0	14.0	3.0	16.0	0.0	23.0
4	0.0	4.0	0.0	0.0	4.0	34.0	19.0	0.0	0.0	0.0	0.0	31.0
5	0.0	0.0	0.0	44.0	4.0	0.0	3.0	0.0	30.0	0.0	0.0	9.0
6	0.0	7.0	0.0	0.0	0.0	0.0	2.0	5.0	15.0	15.0	10.0	0.0
7	0.0	0.0	0.0	38.0	0.0	0.0	3.0	3.0	5.0	47.0	16.0	22.0
8	0.0	20.0	12.0	2.0	0.0	0.0	2.0	15.0	0.0	26.0	25.0	0.0
9	0.0	0.0	30.0	0.0	6.0	0.0	0.0	18.0	21.0	0.0	30.0	0.0
10	0.0	0.0	0.0	47.0	0.0	0.0	8.0	2.0	5.0	3.0	68.0	0.0
11	0.0	0.0	0.0	0.0	3.0	20.0	0.0	0.0	10.0	9.0	2.0	0.0
12	0.0	15.0	0.0	19.0	0.0	4.0	2.0	23.0	0.0	13.0	14.0	0.0
13	0.0	24.0	0.0	0.0	51.0	8.0	0.0	19.0	51.0	10.0	11.0	19.0
14	0.0	0.0	0.0	2.0	0.0	0.0	0.0	7.0	0.0	25.0	10.0	0.0
15	17.0	0.0	0.0	3.0	22.0	0.0	0.0	3.0	0.0	0.0	26.0	2.0
16	3.0	0.0	10.0	15.0	0.0	39.0	0.0	32.0	0.0	0.0	47.0	0.0
17	12.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	10.0	24.0	0.0	12.0
18	7.0	0.0	0.0	0.0	0.0	9.0	14.0	0.0	45.0	0.0	13.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	4.0	0.0	34.0	0.0
20	0.0	0.0	0.0	48.0	0.0	18.0	5.0	21.0	3.0	0.0	12.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	10.0	19.0	0.0
22	0.0	0.0	0.0	17.0	0.0	18.0	6.0	0.0	45.0	0.0	2.0	0.0
23	0.0	10.0	0.0	0.0	0.0	11.0	0.0	8.0	0.0	0.0	7.0	0.0
24	0.0	0.0	0.0	0.0	0.0	29.0	11.0	0.0	0.0	6.0	0.0	0.0
25	0.0	9.0	0.0	5.0	10.0	0.0	3.0	0.0	0.0	0.0	10.0	17.0
26	0.0	11.0	0.0	0.0	0.0	0.0	14.0	21.0	0.0	0.0	0.0	9.0
27	0.0	15.0	0.0	0.0	23.0	3.0	0.0	3.0	0.0	0.0	10.0	2.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	27.0	18.0
29	0.0	0.0	12.0	27.0	25.0	20.0	28.0	12.0	45.0	0.0	5.0	7.0
30	0.0	0.0	0.0	5.0	0.0	3.0	0.0	20.0	2.0	0.0	7.0	0.0
31	0.0	0.0	4.0	0.0	5.0	0.0	2.0	3.0	0.0	0.0	0.0	3.0
Total	39.0	176.0	68.0	349.0	196.0	245.0	171.0	328.0	296.0	227.0	429.0	200.0
D. Ll.	4	10	5	15	13	15	17	22	16	15	24	15

TOTALES ANUALES 2724.0 mm. 171 Días lluvia

ESTACION: PROVIDENCIA **MUNICIPIO:** PALESTINA **AÑO:** 1.988

ALTITUD: 1.250 **LATITUD:** 5-03 N. **LONGITUD:** 75-12 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	4.0	0.0	0.0	9.0	5.0	3.0	0.0	7.0		
2	0.0	0.0	0.0	22.0	4.0	2.0	10.0	6.0	0.0	18.0		
3	0.0	66.0	0.0	27.0	0.0	0.0	50.0	10.0	5.0	3.0		
4	0.0	5.0	0.0	0.0	20.0	7.0	40.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	10.0	0.0	1.0	0.0	0.0	0.0	5.0		
6	0.0	0.0	0.0	0.0	11.0	0.0	8.0	18.0	34.0	25.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	18.0	14.0	4.0	2.0		
8	0.0	25.0	5.0	10.0	4.0	0.0	0.0	0.0	0.0	10.0		
9	0.0	0.0	25.0	5.0	0.0	0.0	0.0	7.0	4.0	2.0		
10	0.0	1.0	0.0	35.0	0.0	3.0	5.0	0.0	0.0	2.0		
11	0.0	0.0	0.0	1.0	0.0	0.0	0.0	31.0	10.0	1.0		
12	0.0	25.0	0.0	55.0	0.0	7.0	0.0	0.0	0.0	26.0		
13	0.0	15.0	0.0	1.0	50.0	6.0	0.0	3.0	30.0	27.0		
14	16.0	20.0	0.0	15.0	0.0	0.0	0.0	22.0	0.0	18.0		
15	0.0	0.0	0.0	40.0	3.0	3.0	0.0	5.0	0.0	1.0		
16	11.0	0.0	0.0	0.0	0.0	16.0	0.0	6.0	5.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	15.0		
18	0.0	0.0	0.0	1.0	0.0	5.0	0.0	40.0	7.0	0.0		
19	0.0	0.0	0.0	5.0	0.0	1.0	1.0	0.0	2.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	8.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	16.0		
22	0.0	0.0	0.0	0.0	0.0	24.0	1.0	14.0	15.0	0.0		
23	0.0	0.0	0.0	0.0	0.0	2.0	0.0	6.0	9.0	0.0		
24	0.0	11.0	0.0	0.0	47.0	8.0	6.0	2.0	0.0	11.0		
25	0.0	25.0	0.0	0.0	0.0	5.0	16.0	11.0	0.0	0.0		
26	0.0	11.0	0.0	0.0	0.0	0.0	9.0	60.0	0.0	0.0		
27	0.0	20.0	0.0	11.0	0.0	4.0	0.0	36.0	0.0	11.0		
28	0.0	0.0	0.0	1.0	49.0	0.0	1.5	17.0	3.0	0.0		
29	0.0	0.0	0.0	50.0	69.0	0.0	6.0	16.0	63.0	5.0		
30	0.0	0.0	1.0	11.0	0.0	0.0	0.0	17.0	1.0	1.0		
31	0.0	0.0	13.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0		
Total	27.0	224.0	48.0	300.0	263.0	103.0	216.5	350.0	270.0	206.0		
D. Ll.	2	11	5	17	10	16	14	22	17	20		

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 PASTORITA MUNICIPIO: LA VICTORIA AÑO: 1.988

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	23.0	0.0	0.0	6.0	67.0	0.0	38.0	34.0	38.0	43.0	23.0	54.0
2	0.0	0.0	0.0	20.0	0.0	12.0	9.0	35.0	0.0	70.0	50.0	134.0
3	53.0	9.0	0.0	36.0	35.0	0.0	15.0	56.0	5.0	47.0	0.0	32.0
4	0.0	8.0	0.0	0.0	0.0	0.0	13.0	10.0	39.0	0.0	0.0	37.0
5	0.0	0.0	0.0	85.0	9.0	0.0	0.0	0.0	4.0	18.0	10.0	20.0
6	0.0	40.0	0.0	0.0	0.0	0.0	30.0	0.0	29.0	9.0	14.0	25.0
7	69.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	7.0	16.0	0.0	10.0
8	0.0	16.0	0.0	25.0	0.0	0.0	0.0	23.0	3.0	0.0	0.0	11.0
9	0.0	0.0	12.0	9.0	0.0	0.0	0.0	0.0	96.0	0.0	0.0	0.0
10	0.0	129.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	82.0	0.0
11	0.0	0.0	0.0	68.0	0.0	0.0	0.0	0.0	21.0	0.0	37.0	20.0
12	0.0	51.0	0.0	24.0	0.0	10.0	0.0	32.0	0.0	10.0	23.0	0.0
13	0.0	0.0	22.0	20.0	25.0	49.0	0.0	13.0	12.0	25.0	20.0	67.0
14	0.0	0.0	9.0	0.0	8.0	0.0	0.0	8.0	0.0	32.0	26.0	23.0
15	105.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	14.0	9.0	8.0
16	0.0	4.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	45.0	38.0	12.0
17	32.0	2.0	0.0	0.0	0.0	16.0	0.0	0.0	40.0	22.0	9.0	19.0
18	0.0	0.0	0.0	23.0	0.0	5.0	0.0	35.0	54.0	9.0	38.0	65.0
19	0.0	0.0	0.0	26.0	0.0	0.0	0.0	32.0	18.0	25.0	35.0	28.0
20	0.0	0.0	0.0	63.0	16.0	0.0	0.0	12.0	43.0	65.0	34.0	0.0
21	0.0	9.0	84.0	54.0	0.0	49.0	0.0	0.0	14.0	16.0	35.0	34.0
22	0.0	0.0	22.0	38.0	0.0	18.0	0.0	0.0	0.0	0.0	64.0	70.0
23	0.0	89.0	0.0	26.0	0.0	48.0	19.0	38.0	0.0	0.0	3.0	0.0
24	0.0	15.0	0.0	0.0	0.0	19.0	0.0	0.0	15.0	10.0	6.0	12.0
25	0.0	0.0	0.0	80.0	0.0	0.0	0.0	14.0	35.0	30.0	3.0	35.0
26	0.0	20.0	0.0	19.0	19.0	0.0	0.0	56.0	0.0	12.0	4.0	0.0
27	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	60.0	2.0	0.0
28	38.0	32.0	0.0	28.0	0.0	0.0	5.0	0.0	0.0	0.0	34.0	4.0
29	0.0	12.0	46.0	0.0	55.0	0.0	30.0	0.0	11.0	0.0	47.0	7.0
30	0.0	0.0	0.0	75.0	5.0	5.0	0.0	35.0	0.0	0.0	39.0	8.0
31	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	37.0	0.0	15.0
Total	320.0	436.0	195.0	746.0	260.0	260.0	164.0	433.0	464.0	615.0	685.0	750.0
D. Ll.	6	14	6	22	10	12	9	15	18	21	25	24

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

ESTACION: LA PALMA MUNICIPIO: PALESTINA AÑO: 1.988

ALTITUD 1.200 LATITUD: 5-01 N. LONGITUD: 75-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	65.0	4.0	0.0	10.0	3.0	10.0	6.0	9.0	10.0
2	0.0	75.0	0.0	44.0	0.0	10.0	15.0	2.0	0.0	4.0	0.0	4.0
3	36.0	5.0	0.0	0.0	24.0	0.0	55.0	18.0	0.0	0.0	20.0	32.0
4	0.0	0.0	0.0	13.0	11.0	0.0	15.0	0.0	0.0	11.0	0.0	6.0
5	0.0	0.0	0.0	0.0	0.0	7.0	30.0	0.0	5.0	35.0	2.0	2.0
6	0.0	0.0	0.0	6.0	0.0	0.0	0.0	10.0	12.0	2.0	20.0	15.0
7	0.0	34.0	6.0	7.0	1.0	0.0	20.0	6.0	0.0	20.0	0.0	0.0
8	0.0	0.0	20.0	6.0	23.0	0.0	0.0	5.0	4.0	0.0	20.0	0.0
9	1.0	0.0	0.0	21.0	0.0	6.0	0.0	0.0	13.0	2.0	60.0	0.0
10	0.0	0.0	0.0	0.0	10.0	0.0	2.0	2.0	14.0	4.0	0.0	0.0
11	0.0	38.0	0.0	75.0	2.0	18.0	0.0	0.0	2.0	20.0	35.0	0.0
12	0.0	11.0	0.0	2.0	41.0	5.0	0.0	30.0	29.0	28.0	30.0	2.0
13	0.0	8.0	0.0	10.0	0.0	4.0	0.0	0.0	0.0	15.0	5.0	0.0
14	14.0	0.0	0.0	6.0	3.0	0.0	0.0	24.0	0.0	3.0	50.0	5.0
15	0.0	0.0	0.0	11.0	0.0	0.0	0.0	8.0	0.0	0.0	15.0	8.0
16	1.0	0.0	0.0	0.0	56.0	22.0	0.0	9.0	19.0	20.0	0.0	3.0
17	15.0	0.0	0.0	4.0	4.0	0.0	5.0	0.0	9.0	0.0	18.0	0.0
18	0.0	0.0	0.0	0.0	23.0	9.0	0.0	0.0	0.0	0.0	19.0	0.0
19	0.0	0.0	0.0	5.0	0.0	0.0	0.0	50.0	25.0	0.0	2.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	12.0	44.0	0.0
21	0.0	0.0	0.0	15.0	0.0	1.0	0.0	15.0	18.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	44.0	0.0	2.0	0.0	0.0	0.0	0.0
23	0.0	8.0	0.0	26.0	0.0	2.0	0.0	29.0	28.0	5.0	0.0	8.0
24	0.0	14.0	0.0	0.0	29.0	23.0	9.0	1.0	0.0	2.0	23.0	10.0
25	0.0	6.0	0.0	2.0	0.0	0.0	19.0	12.0	0.0	0.0	0.0	4.0
26	0.0	12.0	0.0	50.0	10.0	0.0	20.0	30.0	0.0	19.0	9.0	5.0
27	1.0	0.0	0.0	0.0	3.0	0.0	0.0	2.0	3.0	16.0	0.0	10.0
28	0.0	0.0	0.0	65.0	60.0	0.0	1.0	20.0	21.0	8.0	2.0	2.0
29	2.0	1.0	0.0	25.0	0.0	0.0	16.0	53.0	3.0	10.0	44.0	0.0
30	0.0	0.0	31.0	3.0	0.0	0.0	0.0	14.0	14.0	13.0	21.0	0.0
31	10.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	15.0	0.0	21.0
Total	80.0	213.0	57.0	461.0	343.0	154.0	217.0	354.0	229.0	270.0	448.0	147.0
D. Ll.	8	11	3	21	16	13	13	23	17	22	20	17
TOTALES ANUALES						2573.0					184	Días lluvia

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

ESTACION: LA ARGENTINA **MUNICIPIO:** PALESTINA **AÑO:** 1.988

ALTITUD: **LATITUD:** 5-01 N. **LONGITUD:** 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	7.0	0.0	37.0	10.0	0.0	22.0	0.0	0.0	10.0	0.0	6.0
2	0.0	0.0	0.0	27.0	0.0	17.0	0.0	7.0	6.0	0.0	0.0	10.0
3	18.0	68.0	0.0	0.0	23.0	0.0	58.0	7.0	2.0	12.0	7.0	6.0
4	0.0	0.0	0.0	10.0	0.0	20.0	14.0	0.0	0.0	0.0	6.0	40.0
5	0.0	0.0	0.0	0.0	6.0	4.0	28.0	0.0	0.0	15.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	0.0	0.0	4.0
7	0.0	0.0	0.0	0.0	0.0	0.0	13.0	8.0	0.0	13.0	40.0	17.0
8	0.0	37.0	27.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	2.0	20.0	0.0	0.0	0.0	0.0	2.0	24.0	0.0
10	0.0	0.0	0.0	17.0	0.0	0.0	5.0	0.0	8.0	0.0	41.0	0.0
11	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	15.0	16.0	0.0	0.0
12	0.0	32.0	0.0	72.0	6.0	10.0	0.0	40.0	14.0	13.0	25.0	0.0
13	0.0	6.0	0.0	5.0	20.0	6.0	0.0	0.0	10.0	14.0	24.0	0.0
14	0.0	9.0	0.0	11.0	0.0	0.0	0.0	30.0	0.0	13.0	24.0	0.0
15	16.0	0.0	0.0	0.0	0.0	7.0	0.0	4.0	0.0	0.0	22.0	0.0
16	6.0	0.0	0.0	0.0	0.0	16.0	0.0	11.0	0.0	0.0	24.0	5.0
17	0.0	0.0	0.0	17.0	78.0	10.0	6.0	0.0	15.0	11.0	0.0	13.0
18	13.0	0.0	0.0	3.0	17.0	0.0	0.0	0.0	8.0	0.0	17.0	0.0
19	0.5	0.0	0.0	0.0	3.0	0.0	0.0	38.0	0.0	0.0	17.0	0.0
20	0.0	0.0	0.0	10.0	0.0	0.0	0.0	11.0	16.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	17.0	0.0	3.0	0.0	25.0	44.0	0.0
22	0.0	1.0	0.0	8.0	0.0	33.0	0.0	0.0	11.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	11.0	0.0	0.0
24	0.0	6.0	0.0	3.0	8.0	0.0	2.0	0.0	0.0	0.0	0.0	21.0
25	0.0	18.0	0.0	0.0	20.0	0.0	14.0	12.0	0.0	0.0	0.0	6.0
26	0.0	22.0	0.0	0.0	12.0	0.0	17.0	55.0	0.0	14.0	0.0	8.0
27	0.0	0.0	0.0	42.0	6.0	0.0	0.0	33.0	0.0	0.0	5.0	13.0
28	6.0	0.0	0.0	0.0	71.0	0.0	12.0	16.0	0.0	0.0	6.0	0.0
29	0.0	0.0	0.0	0.0	0.0	3.0	0.0	18.0	22.0	0.0	7.0	0.0
30	0.0	0.0	0.0	0.0	3.0	0.0	0.0	58.0	0.0	0.0	0.0	0.0
31	0.0	0.0	16.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0
Total	59.5	206.0	43.0	274.0	305.0	157.0	193.0	379.0	132.0	169.0	333.0	151.0
D. Ll.	6	10	2	15	16	12	12	18	12	13	16	13

TOTALES ANUALES 2401.5 mm. 145 Días lluvia

ESTACION: EL DIAMANTE **MUNICIPIO:** EELALCAZAR **AÑO:** 1.988

ALTITUD: 1.200 **LATITUD:** 4-55 N. **LONGITUD:** 75-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	7.0	6.0	3.1	15.0	6.0	0.0	12.0	9.0	11.0
2	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	15.0	6.0	21.0
3	10.2	45.0	0.0	17.0	0.0	0.0	59.1	0.0	0.0	4.0	0.0	2.0
4	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	11.0
5	0.0	0.0	0.0	14.1	5.0	15.0	5.0	0.0	3.0	0.0	16.0	5.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	13.0	47.0	3.0
7	0.0	0.0	4.0	0.0	0.0	0.0	9.0	9.0	0.0	0.0	9.0	15.0
8	0.0	13.0	22.0	7.1	27.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0
9	10.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0
10	4.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	23.0	0.0	30.1	0.0
11	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	9.0	0.0	1.1	15.0
12	0.0	12.0	0.0	22.0	0.0	0.0	0.0	17.0	7.0	20.0	15.0	5.0
13	0.0	0.0	0.0	0.0	28.0	14.0	0.0	4.0	10.0	18.0	27.0	6.0
14	17.0	0.0	0.0	54.0	0.0	13.0	0.0	3.0	5.0	20.0	12.0	7.0
15	7.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	17.0	3.0
16	20.0	0.0	0.0	18.0	0.0	19.0	0.0	7.0	0.0	0.0	1.0	9.0
17	4.3	0.0	0.0	6.0	44.0	30.0	0.0	0.0	18.0	21.0	0.0	7.0
18	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	8.0
19	17.0	0.0	0.0	0.0	13.0	0.0	0.0	49.0	0.0	0.0	0.0	7.0
20	0.0	0.0	0.0	0.0	0.0	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	5.0	0.0	45.0	0.0	0.0	10.0	0.0
22	0.0	0.0	19.0	0.0	4.0	0.0	0.0	0.0	14.0	0.0	3.0	0.0
23	0.0	0.0	0.0	0.0	0.0	12.0	14.0	49.0	14.0	16.0	6.0	0.0
24	0.0	6.0	0.0	25.0	2.0	8.0	0.0	3.0	0.0	4.0	0.0	0.0
25	0.0	19.0	0.0	23.0	30.0	2.0	0.0	2.0	0.0	0.0	9.0	2.0
26	0.0	51.0	0.0	17.0	3.0	0.0	10.0	55.0	0.0	2.0	0.0	11.0
27	0.0	0.0	0.0	60.0	6.0	0.0	0.0	0.0	0.0	4.0	12.0	40.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.0	5.0	0.0
29	0.0	0.0	0.0	14.0	38.0	0.0	0.0	24.0	20.0	6.0	0.0	7.0
30	0.0	0.0	0.0	11.0	0.0	0.0	0.0	17.0	5.0	17.0	0.0	10.0
31	0.0	0.0	21.0	0.0	0.0	0.0	5.0	6.0	0.0	0.0	0.0	30.0
Total	93.5	146.0	66.0	314.2	235.0	140.1	180.1	307.0	176.1	176.0	256.2	235.0
D. Ll.	9	6	4	15	13	11	9	16	16	15	19	22

TOTALES ANUALES 2325.2 mm. 155 Días lluvia

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

ESTACION: LA FRANCIA **MUNICIPIO:** CHINCHINA **AÑO:** 1.988

ALTITUD: 1.360 **LATITUD:** 4-59 N. **LONGITUD:** 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0											
2	0.0											
3	32.0											
4	0.0											
5	0.0											
6	0.0											
7	0.0											
8	0.0											
9	0.0											
10	0.0											
11	0.0											
12	0.0											
13	0.0											
14	0.0											
15	0.0											
16	0.0											
17	13.0											
18	5.5											
19	0.0											
20	2.5											
21	0.0											
22	0.0											
23	0.0											
24	0.0											
25	0.0											
26	0.0											
27	0.0											
28	0.0											
29	0.0											
30	21.0											
31	0.0											
Total	74.0											
D. Ll.	5											

TOTALES ANUALES — Días lluvia

ESTACION: LA SIERRA **MUNICIPIO:** CHINCHINA **AÑO:** 1.988

ALTITUD 1.450 **LATITUD:** 4-59 N. **LONGITUD:** 75-38 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	12.0	0.0	0.0	10.0	0.0	8.0	2.0	0.0	39.0	20.0	23.0
2	0.0	0.0	0.0	13.0	2.0	22.0	17.0	19.0	0.0	6.0	8.0	31.0
3	0.0	28.0	0.0	29.0	2.0	2.0	37.0	13.0	0.0	23.0	0.0	16.0
4	0.0	3.0	0.0	0.0	4.0	0.0	8.0	0.0	0.0	0.0	0.0	32.0
5	0.0	0.0	0.0	17.0	35.0	0.0	20.0	0.0	0.0	3.0	28.0	16.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	14.0	35.0	15.0	11.0
7	0.0	25.0	0.0	1.0	0.0	0.0	7.0	0.0	4.0	3.0	9.0	17.0
8	0.0	0.0	31.0	11.0	2.0	0.0	0.0	11.0	0.0	20.0	0.0	0.0
9	0.0	0.0	19.0	9.0	3.0	0.0	0.0	0.0	0.0	3.0	35.0	0.0
10	0.0	5.0	0.0	20.0	0.0	4.0	6.0	0.0	15.0	15.0	35.0	0.0
11	0.0	0.0	0.0	1.0	0.0	29.0	1.0	0.0	18.0	3.0	0.0	0.0
12	0.0	12.0	0.0	32.0	0.0	4.0	0.0	16.0	2.0	9.0	34.0	0.0
13	0.0	26.0	0.0	0.0	3.0	6.0	1.0	10.0	21.0	5.0	16.0	4.0
14	0.0	3.0	0.0	35.0	0.0	1.0	0.0	15.0	0.0	31.0	0.0	0.0
15	8.0	0.0	3.0	5.0	4.0	6.0	0.0	10.0	0.0	0.0	34.0	20.0
16	2.0	0.0	0.0	0.0	0.0	25.0	0.0	20.0	0.0	0.0	10.0	15.0
17	15.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	7.0	15.0	6.0	0.0
18	24.0	0.0	0.0	3.0	1.0	13.0	0.0	0.0	31.0	0.0	35.0	5.0
19	0.0	0.0	0.0	0.0	33.0	2.0	0.0	32.0	3.0	0.0	0.0	0.0
20	0.0	0.0	0.0	12.0	0.0	0.0	0.0	16.0	6.0	0.0	14.0	0.0
21	0.0	0.0	0.0	0.0	3.0	0.0	0.0	7.0	0.0	25.0	31.0	0.0
22	0.0	4.0	0.0	14.0	0.0	32.0	8.0	9.0	16.0	0.0	1.0	0.0
23	0.0	2.0	0.0	0.0	0.0	4.0	0.0	21.0	18.0	0.0	20.0	0.0
24	1.0	11.0	0.0	1.0	0.0	18.0	1.0	3.0	0.0	1.0	0.0	0.0
25	0.0	2.0	0.0	13.0	1.0	0.0	0.0	3.0	0.0	0.0	32.0	4.0
26	0.0	2.0	0.0	5.0	1.0	0.0	23.0	20.0	0.0	0.0	0.0	5.0
27	0.0	11.0	0.0	45.0	0.0	4.5	0.0	0.0	0.0	4.0	0.0	26.0
28	5.0	0.0	0.0	0.0	0.0	0.0	11.0	5.0	0.0	0.0	20.0	5.0
29	0.0	0.0	0.0	0.0	32.0	0.0	31.0	20.0	35.0	4.0	0.0	0.0
30	0.0	0.0	0.0	2.0	0.0	2.0	5.0	18.0	7.0	0.0	0.0	28.0
31	0.0	0.0	27.0	0.0	2.0	0.0	0.0	11.0	0.0	23.0	0.0	17.0
Total	55.0	146.0	80.0	268.0	170.0	174.5	184.0	304.0	197.0	267.0	403.0	275.0
D. Ll.	6	14	4	19	17	16	15	22	14	19	19	17

TOTALES ANUALES 2523.5 — 182 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: 1.988

ALTITUD: 1.112 LATITUD: 3-01 N. LONGITUD: 76-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	8.0	0.0	74.0	0.0	12.0		0.0	41.0	11.0	38.0
2	0.0	6.0	0.0	0.0	0.0	0.0	19.0		0.0	7.0	11.0	14.0
3	0.0	9.0	0.0	0.0	7.0	0.0	26.0		0.0	3.0	0.0	20.0
4	0.0	0.0	0.0	0.0	0.0	0.0	14.0		11.0	0.0	0.0	10.0
5	0.0	0.0	0.0	18.0	0.0	0.0	35.0		0.0	0.0	3.0	0.0
6	0.0	0.0	0.0	9.0	0.0	0.0	1.0		0.0	0.0	14.0	7.0
7	0.0	0.0	21.0	0.0	0.0	0.0	0.0		0.0	0.0	39.0	3.0
8	0.0	0.0	23.0	0.0	0.0	0.0	0.0		0.0	2.0	5.0	2.0
9	0.0	3.0	1.0	2.0	0.0	0.0	0.0		6.0	0.0	23.0	0.0
10	0.0	0.0	0.0	21.0	0.0	0.0	0.0		28.0	0.0	23.0	0.0
11	0.0	15.0	0.0	0.0	0.0	0.0	0.0		59.0	0.0	20.0	0.0
12	17.0	0.0	0.0	33.0	0.0	0.0	4.0		25.0	3.0	4.0	2.0
13	0.0	1.0	0.0	1.0	0.0	0.0	0.0		12.0	27.0	1.0	0.0
14	7.0	0.0	0.0	17.0	0.0	9.0	0.0		7.0	3.0	14.0	2.0
15	41.0	0.0	0.0	0.0	0.0	5.0	0.0		0.0	19.0	59.0	0.0
16	6.0	0.0	0.0	0.0	0.0	20.0	0.0		0.0	16.0	7.0	8.0
17	2.0	0.0	0.0	0.0	9.0	28.0	0.0		0.0	28.0	0.0	3.0
18	0.0	0.0	0.0	10.0	0.0	7.0	0.0		3.0	1.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	8.0	0.0
20	0.0	0.0	0.0	50.0	0.0	0.0	0.0		6.0	0.0	6.0	0.0
21	0.0	0.0	0.0	42.0	0.0	2.0	0.0		0.0	0.0	24.0	0.0
22	0.0	0.0	0.0	35.0	0.0	17.0	0.0		2.0	0.0	17.0	40.0
23	0.0	0.0	0.0	0.0	0.0	1.0	0.0		0.0	0.0	0.0	0.0
24	0.0	32.0	0.0	5.0	0.0	24.0	0.0		0.0	0.0	0.0	9.0
25	0.0	32.0	1.0	3.0	15.0	0.0	0.0		0.0	0.0	90.0	5.0
26	0.0	15.0	0.0	8.0	27.0	0.0	0.0		19.0	12.0	0.0	0.0
27	0.0	0.0	0.0	0.0	18.0	0.0	0.0		0.0	31.0	0.0	6.0
28	10.0	0.0	0.0	0.0	0.0	3.0	0.0		0.0	4.0	21.0	0.0
29	0.0	0.0	0.0	2.0	0.0	0.0	0.0		10.0	10.0	7.0	3.0
30	10.0	0.0	0.0	4.0	0.0	0.0	46.0		10.0	2.0	4.0	11.0
31	0.0	0.0	0.0	0.0	3.0	0.0	0.0		0.0	43.0	0.0	28.0
Total	93.0	113.0	54.0	260.0	153.0	116.0	157.0		198.0	252.0	415.0	211.0
D. Ll.	7	8	5	16	7	10	8		13	17	22	18

TOTALES ANUALES mm. Días lluvia

ESTACION: MONDOMO MUNICIPIO: SANTANDER AÑO: 1.988

ALTITUD: 1.300 LATITUD: 3-00 N. LONGITUD: 76-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	21.5	0.0	2.0			13.0	3.0	0.0	26.0	10.0	
2	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	
3	0.0	9.0	0.0	0.0			2.0	0.0	0.0	7.0	0.0	
4	3.0	0.0	0.0	18.0			0.0	0.0	3.0	0.0	0.0	
5	5.5	0.0	0.0	3.0			32.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	16.0	0.0			0.0	0.0	0.0	0.0	20.0	
7	0.0	0.0	30.0	0.0			11.0	0.0	0.0	0.0	4.5	
8	0.0	0.0	2.0	22.0			0.0	0.0	0.0	0.0	0.0	
9	3.5	8.0	0.0	11.0			0.0	0.0	0.0	0.0	0.0	
10	2.0	0.0	0.0	20.0			0.0	0.0	16.0	0.0	0.0	
11	0.0	10.0	0.0	15.5			0.0	11.0	19.0	9.0	44.0	
12	13.5	0.0	0.0	2.0			0.0	0.0	28.0	39.0	0.0	
13	7.5	0.0	0.0	62.0			0.0	10.0	0.0	8.0	98.0	
14	17.0	0.0	0.0	0.0			0.0	6.0	0.0	0.0	15.5	
15	0.0	0.0	0.0	0.0			0.0	0.0	0.0	12.0	27.0	
16	14.0	0.0	0.0	0.0			0.0	0.0	0.0	32.0	24.0	
17	1.0	0.0	0.0	3.0			0.0	4.0	0.0	2.5	0.0	
18	0.0	0.0	0.0	0.0			0.0	7.0	13.0	0.0	46.0	
19	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	25.0	
20	6.0	0.0	0.0	7.0			0.0	0.0	0.0	0.0	20.0	
21	0.0	0.0	0.0	11.0			0.0	0.0	0.0	0.0	6.0	
22	0.0	0.0	0.0	23.5			0.0	0.0	0.0	0.0	12.0	
23	0.0	20.0	0.0	3.0			0.0	0.0	10.0	0.0	3.	
24	0.0	24.0	0.0	39.0			0.0	0.0	0.0	26.0	77.0	
25	0.0	30.0	0.0	0.0			6.5	0.0	0.0	23.0	0.0	
26	0.0	0.0	0.0	0.0			2.0	11.0	0.0	13.0	6.0	
27	7.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	44.0	
28	0.0	2.5	0.0	30.0			0.0	9.0	0.0	0.0	48.0	
29	0.0	0.0	13.0	21.5			0.0	14.0	17.0	0.0	10.0	
30	0.0	0.0	13.5	0.0			0.0	0.0	0.0	42.0	0.0	
31	19.5	0.0	3.0	0.0			25.0	0.0	0.0	9.0	0.0	
Total	99.5	125.0	77.5	293.5			91.5	75.0	106.0	248.5	540.0	
D. Ll.	12	8	6	17			7	9	7	13	19	

TOTALES ANUALES mm. Días lluvia

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

ESTACION: LA TRINIDAD **MUNICIPIO:** PIENDAMO **AÑO:** 1.988

ALTITUD: 1.600 **LATITUD:** 2-41 N. **LONGITUD:** 76-32 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	5.0	0.0	23.0	7.0	0.0	4.0	2.0	24.0	12.0	25.0
2	0.0	0.0	0.0	6.0	0.0	4.0	28.0	0.0	1.0	3.0	6.0	18.0
3	0.0	0.0	0.0	0.0	4.0	7.0	13.0	7.0	0.0	7.0	0.0	3.0
4	0.0	24.0	0.0	0.0	7.0	0.0	9.0	0.0	0.0	0.0	0.0	16.0
5	15.0	1.0	0.0	7.0	0.0	0.0	5.0	0.0	3.0	0.0	9.0	0.0
6	3.0	0.0	0.0	3.0	10.0	0.0	0.0	0.0	30.0	0.0	2.0	0.0
7	0.0	1.0	27.0	2.0	7.0	0.0	3.0	3.0	0.0	0.0	25.0	11.0
8	0.0	0.0	25.0	0.0	0.0	0.0	3.0	0.0	0.0	14.0	6.0	3.0
9	0.0	39.0	2.0	26.0	3.0	1.0	0.0	0.0	0.0	0.0	7.0	0.0
10	19.0	5.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0
11	0.0	0.0	0.0	25.0	18.0	2.0	0.0	0.0	34.0	5.0	4.0	2.0
12	0.0	0.0	0.0	23.0	0.0	0.0	2.0	9.0	5.0	45.0	0.0	7.0
13	19.0	49.0	0.0	8.0	0.0	0.0	0.0	0.0	9.0	55.0	2.0	9.0
14	3.0	5.0	0.0	37.0	12.0	5.0	0.0	0.0	0.0	13.0	35.0	7.0
15	2.0	0.0	0.0	0.0	14.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0
16	1.0	0.0	0.0	4.0	12.0	12.0	0.0	4.0	0.0	43.0	28.0	21.0
17	8.0	0.0	0.0	0.0	3.0	13.0	0.0	2.0	18.0	5.0	30.0	0.0
18	29.0	0.0	0.0	2.0	0.0	0.0	0.0	4.0	1.0	17.0	2.0	0.0
19	0.0	2.0	0.0	0.0	11.0	7.0	0.0	9.0	1.0	0.0	24.0	0.0
20	5.0	0.0	0.0	4.0	0.0	0.0	0.0	6.0	4.0	15.0	7.0	0.0
21	0.0	0.0	0.0	23.0	0.0	15.0	0.0	0.0	0.0	0.0	27.0	0.0
22	0.0	7.0	15.0	4.0	0.0	0.0	5.0	14.0	4.0	0.0	41.0	3.0
23	0.0	0.0	0.0	3.0	4.0	8.0	0.0	3.0	0.0	2.0	28.0	0.0
24	0.0	27.0	0.0	0.0	0.0	41.0	3.0	12.0	2.0	0.0	4.0	0.0
25	0.0	35.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	5.0	8.0	26.0
26	0.0	15.0	0.0	19.0	9.0	9.0	0.0	2.0	0.0	6.0	5.0	0.0
27	0.0	0.0	0.0	0.0	15.0	0.0	0.0	22.0	0.0	6.0	1.0	7.0
28	5.0	0.0	0.0	4.0	0.0	1.0	0.0	0.0	0.0	3.0	28.0	18.0
29	0.0	10.0	3.0	26.0	0.0	23.0	0.0	2.0	5.0	0.0	22.0	9.0
30	3.0	0.0	15.0	0.0	0.0	7.0	27.0	3.0	4.0	0.0	3.0	3.0
31	0.0	0.0	0.0	0.0	3.0	0.0	0.0	1.0	0.0	10.0	0.0	3.0
Total	112.0	220.0	92.0	236.0	155.0	173.0	98.0	107.0	125.0	278.0	382.0	191.0
D. Ll.	12	13	7	19	16	18	10	17	16	18	27	18
TOTALES ANUALES							2169.0 mm.				191	Dias lluvia

ESTACION: PORTACHUELO **MUNICIPIO:** ROSAS **AÑO:** 1.988

ALTITUD: 1.750 **LATITUD:** 2-15 N. **LONGITUD:** 76-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	7.0	1.0	0.0	4.0	1.0	14.5	29.0	15.5
2	0.0	0.0	0.0	6.0	32.0	29.5	15.0	2.0	0.0	42.0	4.0	24.0
3	13.0	2.5	18.0	7.0	15.0	0.0	24.0	0.0	0.0	42.0	0.0	6.0
4	0.0	0.0	0.0	1.0	2.5	0.0	10.5	0.0	1.0	6.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	8.0
6	6.5	0.0	0.0	13.0	0.0	0.0	9.5	0.0	0.0	0.0	36.0	11.0
7	0.0	0.0	46.5	2.0	0.0	0.0	0.0	0.0	4.5	0.0	35.0	15.0
8	0.0	0.0	54.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	42.0	9.5
9	0.0	0.0	8.0	36.0	0.0	0.0	0.0	0.0	1.0	0.0	6.0	29.5
10	20.5	4.0	0.0	34.0	0.0	0.0	0.0	0.0	39.0	0.0	51.0	0.0
11	0.0	0.5	0.0	6.5	0.0	0.0	0.0	0.0	9.0	0.0	14.0	4.5
12	0.0	10.5	0.0	22.0	0.0	0.0	0.0	0.0	24.0	17.0	0.0	7.5
13	6.0	0.0	0.0	10.0	1.0	0.0	0.0	0.0	5.5	52.0	5.0	3.0
14	12.5	0.0	0.0	2.0	12.0	0.0	0.0	1.0	1.0	2.0	20.0	3.5
15	47.0	0.0	0.0	12.0	0.0	4.5	0.0	0.0	0.0	0.0	52.0	8.0
16	18.0	15.5	0.0	10.0	0.0	50.5	0.0	0.0	0.0	7.0	40.0	79.0
17	6.0	0.0	0.0	3.5	0.0	55.0	0.0	0.0	3.0	9.5	5.0	21.0
18	10.0	0.0	0.0	13.5	4.0	23.5	0.0	9.5	0.0	10.0	26.0	0.0
19	14.0	0.0	0.0	0.0	0.0	2.0	0.0	4.0	0.0	0.0	19.0	10.0
20	0.0	0.0	0.0	21.0	0.0	0.0	0.0	5.0	4.5	0.0	8.5	0.0
21	0.0	0.0	0.0	3.0	0.0	2.5	0.0	0.0	0.0	0.0	35.5	0.0
22	0.0	2.0	0.0	5.0	0.0	13.0	0.0	16.0	0.0	0.0	31.0	0.0
23	0.0	2.0	0.0	2.0	0.0	2.5	0.0	0.0	8.0	0.0	9.5	2.0
24	0.0	3.5	0.0	4.5	0.0	20.0	0.0	0.0	10.5	65.0	16.0	7.5
25	0.0	42.0	0.0	11.0	9.5	0.0	0.0	0.0	0.0	17.0	56.0	41.5
26	0.0	40.0	0.0	0.0	18.0	0.0	2.5	0.0	0.0	7.5	8.0	0.0
27	0.0	15.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	8.0	16.5	32.0
28	3.5	1.0	0.0	0.0	2.5	6.0	0.0	2.0	0.0	15.0	35.0	0.0
29	2.0	51.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.5	63.5	7.0
30	0.0	0.0	0.0	20.0	0.0	0.0	0.0	17.5	8.5	0.0	9.5	12.5
31	1.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	25.0	0.0	10.0
Total	160.0	189.5	126.5	247.0	115.5	212.0	66.0	61.0	120.5	343.0	673.0	367.5
D. Ll.	13	13	4	23	12	13	6	9	14	17	26	23
TOTALES ANUALES							2681.5 mm.				173	Dias 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:** 1.988

ALTITUD: 1.450 **LATITUD:** 5-19 N. **LONGITUD:** 74-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	10.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	20.0	28.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0	0.0	10.0	0.0	24.0
3	0.0	0.0	0.0	32.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	15.0	0.0	33.0	11.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	20.0	9.0	0.0	8.0	7.0	0.0	0.0	0.0	0.0
7	0.0	37.0	0.0	0.0	0.0	0.0	3.0	0.0	10.0	0.0	50.0	36.0
8	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	15.0	0.0
10	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
11	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	65.0	0.0	0.0	0.0
12	0.0	0.0	0.0	29.0	0.0	23.0	0.0	0.0	0.0	16.0	30.0	0.0
13	0.0	0.0	0.0	10.0	0.0	8.0	0.0	3.0	13.0	5.0	20.0	10.0
14	0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	25.0	0.0
15	0.0	0.0	0.0	30.0	0.0	16.0	0.0	16.0	8.0	10.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	30.0	0.0	0.0
18	0.0	0.0	0.0	0.0	5.0	10.0	0.0	20.0	0.0	0.0	11.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	10.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	17.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	6.0	0.0	30.0
22	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
23	0.0	0.0	0.0	0.0	0.0	20.0	0.0	5.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	18.0	65.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
27	0.0	38.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
28	0.0	0.0	0.0	0.0	33.0	10.0	0.0	0.0	0.0	0.0	0.0	24.0
29	15.0	0.0	60.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	19.0	0.0
30	0.0	0.0	0.0	0.0	23.0	0.0	5.0	0.0	15.0	30.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	19.0
Total	15.0	85.0	64.0	260.0	107.0	109.0	43.0	177.0	171.0	254.0	251.0	154.0
D. Ll.	1	3	2	10	5	8	7	13	10	14	10	7

TOTALES ANUALES 1690.0 mm. 90 Días lluvia

ESTACION: SECRETARIA DE AGRICULTURA **MUNICIPIO:** LA PALMA **AÑO:** 1.988

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

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	2.0	0.0	34.0	0.0	27.0	20.0	0.0	0.0	12.0	6.0
2	0.0	14.0	0.0	0.0	26.0	0.0	14.0	60.0	0.0	0.0	0.0	14.0
3	3.0	8.0	0.0	8.0	0.0	0.0	19.0	6.0	0.0	0.0	0.0	20.0
4	0.0	17.0	0.0	15.0	16.0	0.0	24.0	0.0	0.0	2.0	0.0	0.0
5	0.0	0.0	0.0	34.0	0.0	0.0	10.0	0.0	8.0	0.0	15.0	0.0
6	0.0	6.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	14.0	26.0	9.0
7	6.0	0.0	0.0	20.0	0.0	9.0	23.0	0.0	0.0	0.0	14.0	18.0
8	0.0	34.0	0.0	9.0	0.0	0.0	5.0	0.0	0.0	27.0	32.0	3.0
9	0.0	0.0	0.0	42.0	14.0	0.0	0.0	0.0	3.0	3.0	20.0	7.0
10	0.0	32.0	0.0	15.0	10.0	6.0	0.0	0.0	0.0	0.0	42.0	18.0
11	0.0	0.0	0.0	25.0	0.0	0.0	3.0	0.0	18.0	6.0	29.0	0.0
12	14.0	40.0	0.0	10.0	0.0	0.0	0.0	18.0	30.0	0.0	36.0	0.0
13	0.0	0.0	10.0	0.0	20.0	40.0	0.0	0.0	0.0	11.0	24.0	40.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	27.0	27.0	14.0	9.0
15	0.0	0.0	0.0	28.0	12.0	20.0	0.0	18.0	0.0	0.0	11.0	0.0
16	0.0	8.0	0.0	9.0	0.0	39.0	0.0	9.0	0.0	12.0	27.0	0.0
17	20.0	2.0	0.0	6.0	0.0	0.0	0.0	14.0	0.0	10.0	19.0	0.0
18	0.0	0.0	0.0	0.0	6.0	0.0	0.0	28.0	0.0	32.0	40.0	0.0
19	0.0	0.0	0.0	32.0	0.0	17.0	0.0	32.0	10.0	9.0	0.0	0.0
20	0.0	0.0	0.0	10.0	40.0	0.0	0.0	40.0	3.0	14.0	8.0	6.0
21	0.0	12.0	5.0	0.0	0.0	20.0	0.0	0.0	35.0	0.0	0.0	0.0
22	3.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	10.0	0.0	8.0	0.0
23	0.0	0.0	0.0	14.0	8.0	0.0	0.0	0.0	54.0	20.0	30.0	0.0
24	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	18.0	19.0	0.0
25	6.0	24.0	2.0	0.0	40.0	38.0	0.0	32.0	0.0	0.0	0.0	42.0
26	0.0	1.0	27.0	0.0	0.0	0.0	0.0	14.0	0.0	26.0	4.0	0.0
27	0.0	0.0	3.0	108.0	9.0	6.0	0.0	0.0	0.0	9.0	0.0	6.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	12.0	18.0	3.0	0.0
29	13.0	0.0	9.0	0.0	0.0	0.0	0.0	5.0	0.0	24.0	0.0	0.0
30	0.0	0.0	0.0	0.0	14.0	0.0	3.0	2.0	18.0	6.0	0.0	0.0
31	10.0	0.0	0.0	0.0	20.0	0.0	0.0	28.0	0.0	28.0	0.0	32.0
Total	75.0	198.0	58.0	385.0	269.0	239.0	134.0	340.0	228.0	316.0	433.0	230.0
D. Ll.	8	12	7	16	14	11	10	17	12	20	21	14

TOTALES ANUALES 2505.0 mm. 162 Días lluvia

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

ESTACION: LA FLORIDA **MUNICIPIO:** VERGARA **AÑO:** 1.988

ALTITUD: 1.400 **LATITUD:** 5-03 N. **LONGITUD:** 74-16 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	1.0	0.0	7.0	12.0	20.0	13.0	29.0
2	10.0	0.0	0.0	2.0	4.0	4.0	20.0	8.0	0.0	51.0	27.0	0.0
3	0.0	8.0	0.0	86.0	6.0	0.0	2.0	6.0	15.0	20.0	0.0	0.0
4	0.0	0.0	0.0	4.0	1.0	5.0	2.0	2.0	0.0	0.0	0.0	3.0
5	1.0	4.0	0.0	0.0	4.0	0.0	8.0	0.0	6.0	0.0	7.0	21.0
6	0.0	16.0	0.0	36.0	0.0	0.0	2.0	0.0	2.0	8.0	11.0	0.0
7	0.0	0.0	0.0	0.0	13.0	0.0	8.0	0.0	8.0	0.0	43.0	7.0
8	2.0	0.0	12.0	0.0	0.0	0.0	1.0	4.0	4.0	0.0	32.0	3.0
9	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	33.0	0.0	37.0	1.0
10	0.0	18.0	0.0	29.0	0.0	0.0	0.0	0.0	10.0	0.0	32.0	4.0
11	0.0	29.0	0.0	1.0	0.0	0.0	2.0	0.0	40.0	0.0	25.0	0.0
12	0.0	15.0	0.0	7.0	0.0	16.0	1.0	4.0	23.0	13.0	8.0	28.0
13	17.0	0.0	0.0	5.0	0.0	5.0	0.0	0.0	0.0	2.0	38.0	0.0
14	47.0	0.0	2.0	20.0	3.0	2.0	0.0	0.0	10.0	3.0	60.0	0.0
15	28.0	0.0	5.0	10.0	24.0	3.0	0.0	14.0	1.0	0.0	25.0	0.0
16	28.0	0.0	0.0	5.0	0.0	31.0	0.0	5.0	0.0	2.0	5.0	40.0
17	8.0	0.0	0.0	24.0	1.0	8.0	0.0	15.0	0.0	15.0	28.0	0.0
18	3.0	0.0	0.0	44.0	0.0	0.0	0.0	0.0	0.0	45.0	2.0	0.0
19	2.0	0.0	0.0	0.0	8.0	8.0	0.0	4.0	1.0	0.0	7.0	0.0
20	5.0	0.0	0.0	44.0	0.0	39.0	0.0	20.0	3.0	5.0	20.0	0.0
21	0.0	12.0	0.0	0.0	0.0	6.0	0.0	7.0	3.0	2.0	0.0	0.0
22	0.0	0.0	0.0	37.0	0.0	3.0	0.0	2.0	14.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	6.0	55.0	0.0
24	9.0	19.0	0.0	12.0	0.0	13.0	0.0	0.0	0.0	10.0	12.0	10.0
25	0.0	32.0	0.0	9.0	0.0	0.0	0.0	1.0	0.0	6.0	7.0	44.0
26	0.0	13.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	15.0	0.0	14.0
27	13.0	4.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	34.0	22.0	0.0
28	52.0	17.0	7.0	11.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0
29	0.0	0.0	37.0	0.0	20.0	8.0	0.0	0.0	1.0	0.0	0.0	24.0
30	0.0	0.0	0.0	43.0	11.0	0.0	4.0	4.0	10.0	14.0	4.0	13.0
31	0.0	0.0	3.0	0.0	7.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0
Total	225.0	187.0	66.0	429.0	169.0	188.0	80.0	124.0	196.0	271.0	520.0	255.0
D. Ll.	14	12	6	19	14	15	10	17	18	18	23	15

TOTALES ANUALES 2680.0 mm. 185 Días lluvia

ESTACION: LA CARLINA **MUNICIPIO:** SAN FRANCISCO **AÑO:** 1.988

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	0.0	0.0										
2	0.0	0.0										
3	10.0	20.0										
4	0.0	5.0										
5	2.0	0.0										
6	6.0	20.0										
7	0.0	0.0										
8	0.0	0.0										
9	0.0	0.0										
10	0.0	10.0										
11	0.0	15.0										
12	0.0	20.0										
13	0.0	0.0										
14	2.0	0.0										
15	6.0	0.0										
16	21.0	0.0										
17	22.0	0.0										
18	25.0	0.0										
19	0.0	0.0										
20	6.0	0.0										
21	19.0	0.0										
22	0.0	0.0										
23	6.0	0.0										
24	0.0	0.0										
25	0.0	36.0										
26	0.0	6.0										
27	26.0	12.0										
28	16.0	16.0										
29	0.0	0.0										
30	0.0	0.0										
31	0.0	0.0										
Total	167.0	160.0										
D. Ll.	13	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: EL TRIANGULO **MUNICIPIO:** SASAIMA **AÑO:** 1.988

ALTITUD: 1.500 **LATITUD:** 4-58 N. **LONGITUD:** 74-26 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	4.0	0.0	14.0	25.0	0.0	24.0	5.0	14.0	10.0	32.0
2	0.0	0.0	0.0	0.0	0.0	24.0	26.0	3.0	4.0	80.0	24.0	24.0
3	24.0	15.0	0.0	54.0	0.0	0.0	12.0	0.0	26.0	8.0	0.0	40.0
4	6.0	0.0	0.0	0.0	0.0	0.0	2.0	19.0	4.0	0.0	0.0	8.0
5	0.0	16.0	0.0	4.0	0.0	0.0	58.0	0.0	0.0	0.0	4.0	8.0
6	6.0	6.0	0.0	24.0	30.0	0.0	20.0	2.0	0.0	0.0	12.0	10.0
7	0.0	0.0	8.0	0.0	16.0	0.0	4.0	0.0	0.0	0.0	18.0	36.0
8	0.0	28.0	0.0	2.0	0.0	0.0	18.0	4.0	2.0	0.0	70.0	4.0
9	6.0	6.0	0.0	16.0	6.0	4.0	0.0	0.0	10.0	0.0	12.0	0.0
10	22.0	50.0	0.0	60.0	0.0	0.0	0.0	0.0	12.0	0.0	5.0	18.0
11	0.0	2.0	0.0	0.0	0.0	0.0	6.0	0.0	46.0	0.0	6.0	0.0
12	2.0	2.0	0.0	50.0	0.0	14.0	0.0	0.0	4.0	24.0	30.0	33.0
13	6.0	0.0	0.0	6.0	0.0	19.0	0.0	10.0	8.0	0.0	29.0	4.0
14	28.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	2.0	28.0	30.0	0.0
15	0.0	6.0	50.0	4.0	36.0	12.0	0.0	8.0	0.0	2.0	20.0	0.0
16	8.0	24.0	20.0	2.0	0.0	10.0	0.0	25.0	0.0	13.0	4.0	0.0
17	4.0	6.0	0.0	14.0	2.0	0.0	0.0	16.0	0.0	158.0	12.0	0.0
18	18.0	0.0	0.0	6.0	4.0	14.0	0.0	0.0	4.0	50.0	18.0	0.0
19	38.0	0.0	0.0	10.0	0.0	2.0	8.0	0.0	2.0	5.0	8.0	2.0
20	6.0	0.0	0.0	16.0	2.0	26.0	0.0	14.0	4.0	20.0	2.0	0.0
21	8.0	0.0	0.0	12.0	10.0	10.0	2.0	23.0	0.0	3.0	2.0	0.0
22	2.0	6.0	0.0	38.0	0.0	6.0	0.0	0.0	36.0	24.0	68.0	4.0
23	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0	2.0	14.0	3.0
24	54.0	20.0	0.0	36.0	0.0	0.0	0.0	0.0	2.0	3.0	22.0	6.0
25	8.0	10.0	0.0	4.0	0.0	2.0	10.0	0.0	0.0	12.0	24.0	8.0
26	0.0	56.0	0.0	0.0	0.0	10.0	0.0	14.0	0.0	4.0	0.0	4.0
27	0.0	4.0	0.0	0.0	4.0	40.0	0.0	4.0	0.0	30.0	6.0	2.0
28	0.0	14.0	0.0	0.0	10.0	0.0	0.0	2.0	0.0	10.0	90.0	6.0
29	4.0	74.0	0.0	0.0	36.0	2.0	4.0	12.0	4.0	0.0	0.0	2.0
30	0.0	0.0	0.0	0.0	6.0	0.0	6.0	0.0	18.0	64.0	12.0	15.0
31	0.0	0.0	6.0	0.0	8.0	0.0	0.0	20.0	0.0	0.0	0.0	44.0
Total	250.0	345.0	88.0	392.0	184.0	226.0	176.0	200.0	157.0	554.0	552.0	313.0
D. LL.	18	18	5	20	14	17	13	16	19	20	26	22

TOTALES ANUALES 3477.0 mm. 208 **Dias lluvia**

ESTACION: ICAL I **MUNICIPIO:** SASAIMA **AÑO:** 1.988

ALTITUD: 1.380 **LATITUD:** 4-57 N. **LONGITUD:** 74-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0								16.0	30.0
2	46.0	13.0	0.0								15.0	4.0
3	0.0	5.0	0.0								0.0	12.0
4	4.5	11.0	0.0								0.0	7.0
5	0.0	8.0	0.0								20.0	3.0
6	0.0	0.0	3.0								23.5	4.0
7	0.0	0.0	0.0								8.0	0.0
8	3.5	27.0	3.5								53.0	0.0
9	3.5	11.0	0.0								0.0	0.0
10	0.0	2.5	0.0								2.0	22.0
11	0.0	20.0	0.0								42.0	0.0
12	0.0	0.0	0.0								8.0	16.0
13	2.5	0.0	24.5								43.5	2.0
14	24.0	0.0	0.0								36.5	0.0
15	5.0	10.0	0.0								6.0	0.0
16	0.0	7.5	0.0								0.0	0.0
17	7.5	8.0	0.0								34.0	0.0
18	1.0	0.0	0.0								18.0	0.0
19	34.0	0.0	0.0								5.0	0.0
20	3.5	8.0	0.0								0.0	0.0
21	4.0	0.0	0.0								1.0	0.0
22	1.0	9.5	0.0								28.0	3.0
23	3.0	10.0	0.0								8.0	0.0
24	4.0	51.0	0.0								4.0	19.5
25	0.0	10.0	0.0								17.0	4.0
26	0.0	0.0	0.0								0.0	0.0
27	9.0	6.0	0.0								0.0	0.0
28	0.0	8.0	12.0								60.0	19.0
29	0.0	0.0	0.0								0.0	22.0
30	0.0	0.0	2.0								14.0	8.5
31	0.0	0.0	0.0								0.0	6.0
Total	156.0	225.5	45.0								462.5	182.0
D. LL.	16	18	5								22	16

TOTALES ANUALES mm. **Dias lluvia**

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

ESTACION: VIANI **MUNICIPIO:** VIANI **AÑO:** 1.988

ALTITUD: **LATITUD:** 4-52 N. **LONGITUD:** 74-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	20.0	0.0	35.0	0.0	0.0	15.0	0.0	0.0
3	0.0	5.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
4	0.0	15.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	9.0	0.0	2.0
5	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	22.0	15.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	15.0	0.0	0.0
13	0.0	20.0	0.0	20.0	0.0	22.0	0.0	0.0	0.0	20.0	0.0	15.0
14	0.0	0.0	0.0	30.0	10.0	0.0	0.0	0.0	0.0	30.0	35.0	0.0
15	3.0	0.0	0.0	0.0	5.0	0.0	0.0	17.0	0.0	25.0	0.0	0.0
16	0.0	35.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
17	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	25.0	25.0
19	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
20	1.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	25.0	0.0	0.0
21	0.0	0.0	0.0	17.0	0.0	65.0	0.0	20.0	0.0	12.0	20.0	0.0
22	0.0	0.0	0.0	0.0	0.0	55.0	0.0	0.0	0.0	0.0	0.0	5.0
23	0.0	0.0	0.0	11.0	0.0	77.0	0.0	0.0	20.0	0.0	40.0	0.0
24	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	19.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0
27	0.0	5.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	10.0	5.0	0.0	20.0	0.0	0.0	30.0	0.0
29	0.0	0.0	0.0	0.0	12.0	0.0	0.0	15.0	30.0	22.0	50.0	15.0
30	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
Total	41.0	85.0	22.0	235.0	84.0	224.0	69.0	116.0	81.0	218.0	261.0	103.0
D. Ll.	4	6	1	10	7	5	4	9	4	12	9	10

TOTALES ANUALES 1539.0 mm. 81 Días lluvia

ESTACION: EL REFUGIO **MUNICIPIO:** LA MESA **AÑO:** 1.988

ALTITUD: 1.250 **LATITUD:** 4-39 N. **LONGITUD:** 74-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	8.0	0.0	0.0	32.0	0.0	8.0	7.0	0.0	0.0	4.0	10.0
2	0.0	5.0	0.0	10.0	0.0	0.0	6.0	0.0	5.0	0.0	0.0	25.0
3	0.0	0.0	0.0	13.0	11.0	0.0	0.0	4.0	0.0	0.0	14.0	15.0
4	0.0	9.0	0.0	11.0	0.0	8.0	12.0	6.0	4.0	5.0	0.0	30.0
5	10.0	4.0	0.0	22.0	0.0	0.0	16.0	8.0	0.0	10.0	8.0	12.0
6	0.0	0.0	0.0	12.0	0.0	0.0	0.0	12.0	8.0	6.0	6.0	14.0
7	8.0	0.0	32.0	9.0	0.0	0.0	20.0	0.0	12.0	14.0	0.0	14.0
8	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	10.0	0.0
9	0.0	12.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
10	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	3.0	0.0	2.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	20.0
12	0.0	14.0	3.0	0.0	0.0	5.0	0.0	0.0	6.0	11.0	0.0	0.0
13	7.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	21.0	0.0	6.0	0.0
14	0.0	0.0	0.0	15.0	15.0	10.0	0.0	0.0	16.0	3.0	0.0	40.0
15	18.0	0.0	55.0	14.0	0.0	15.0	0.0	0.0	0.0	5.0	4.0	0.0
16	0.0	0.0	0.0	50.0	0.0	0.0	0.0	20.0	12.0	12.0	2.0	0.0
17	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	8.0	18.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	35.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	13.0	10.0	10.0
20	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	15.0	0.0
21	0.0	0.0	0.0	18.0	0.0	0.0	0.0	12.0	0.0	0.0	25.0	0.0
22	0.0	5.0	0.0	2.0	8.0	0.0	0.0	11.0	8.0	0.0	0.0	30.0
23	0.0	25.0	0.0	20.0	0.0	12.0	0.0	15.0	0.0	0.0	0.0	0.0
24	0.0	37.0	0.0	17.0	0.0	16.0	0.0	0.0	0.0	12.0	19.0	20.0
25	0.0	12.0	0.0	19.0	10.0	0.0	0.0	0.0	0.0	8.0	9.0	12.0
26	0.0	0.0	0.0	0.0	0.0	14.0	20.0	0.0	0.0	24.0	13.0	18.0
27	0.0	0.0	0.0	0.0	15.0	0.0	15.0	25.0	0.0	0.0	18.0	6.0
28	0.0	0.0	0.0	0.0	6.0	3.0	0.0	0.0	0.0	12.0	10.0	4.0
29	0.0	0.0	0.0	0.0	0.0	0.0	10.0	20.0	0.0	10.0	25.0	5.0
30	0.0	0.0	0.0	0.0	9.0	0.0	0.0	30.0	0.0	4.0	20.0	3.0
31	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	43.0	148.0	110.0	244.0	126.0	121.0	107.0	206.0	102.0	167.0	283.0	288.0
D. Ll.	4	13	4	16	9	10	8	14	11	17	21	18

TOTALES ANUALES 1545.0 mm. 145 Días lluvia

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

ESTACION: LAS GRANJAS **MUNICIPIO:** MESITAS COLEGIO **AÑO:** 1.988

ALTITUD: 1.400 **LATITUD:** 4-28 N. **LONGITUD:** 74-28 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	16.0	5.0	6.0	1.0	0.0	0.0	0.0	15.0
2	0.0	0.0	0.0	3.0	2.0	3.0	9.0	0.0	0.0	0.0	0.0	55.0
3	30.0	20.0	0.0	17.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	28.0
4	3.0	19.0	0.0	0.0	3.0	1.0	20.0	2.0	0.0	6.0	0.0	15.0
5	0.0	45.0	0.0	48.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	10.0	7.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	37.0	1.0
8	0.0	0.0	5.0	0.0	5.0	0.0	1.0	0.0	0.0	0.0	0.0	5.0
9	0.0	5.0	0.0	20.0	0.0	9.0	10.0	1.0	20.0	0.0	8.0	8.0
10	0.0	0.0	0.0	3.0	3.0	5.0	13.0	0.0	0.0	0.0	0.0	0.0
11	0.0	5.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
12	0.0	11.0	15.0	15.0	0.0	1.0	10.0	0.0	10.0	3.0	0.0	0.0
13	0.0	30.0	0.0	5.0	0.0	2.0	2.0	0.0	0.0	2.0	5.0	0.0
14	0.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0
15	8.0	0.0	0.0	23.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
16	0.0	0.0	10.0	0.0	5.0	1.0	0.0	65.0	0.0	15.0	20.0	15.0
17	10.0	0.0	0.0	0.0	0.0	0.0	3.0	1.0	0.0	60.0	0.0	0.0
18	0.0	0.0	0.0	5.0	0.0	19.0	0.0	0.0	0.0	0.0	8.0	5.0
19	0.0	0.0	0.0	5.0	0.0	12.0	0.0	8.0	10.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	2.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
21	18.0	0.0	0.0	3.0	10.0	5.0	0.0	35.0	1.0	10.0	20.0	5.0
22	0.0	0.0	0.0	18.0	0.0	1.0	0.0	0.0	0.0	5.0	10.0	0.0
23	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	22.0	8.0
24	0.0	20.0	0.0	3.0	0.0	0.0	0.0	0.0	19.0	0.0	7.0	0.0
25	0.0	10.0	0.0	0.0	1.0	24.0	1.0	1.0	0.0	35.0	24.0	22.0
26	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	8.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
28	0.0	0.0	0.0	0.0	3.0	17.0	0.0	0.0	0.0	0.0	0.0	20.0
29	0.0	0.0	0.0	4.0	10.0	5.0	0.0	4.0	10.0	2.0	5.0	11.0
30	0.0	0.0	0.0	0.0	1.0	4.0	0.0	10.0	2.0	30.0	39.0	0.0
31	0.0	0.0	3.0	0.0	19.0	0.0	2.0	1.0	0.0	27.0	0.0	0.0
Total	69.0	165.0	33.0	176.0	88.0	125.0	66.0	129.0	82.0	271.0	215.0	231.0
D. Ll.	5	9	4	16	15	19	15	11	8	15	13	17

TOTALES ANUALES 1670.0 mm. 147 Días lluvia

ESTACION: EL PORVENIR **MUNICIPIO:** MESITAS COLEGIO **AÑO:** 1.988

ALTITUD: 1.350 **LATITUD:** 4-33 N. **LONGITUD:** 74-19 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	11.3	16.4	27.1	21.8	3.2	0.0	16.4	0.0	1.7
2	0.0	0.0	0.0	23.2	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0
3	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.4
4	6.4	12.4	0.0	0.0	0.0	0.0	19.5	5.4	16.4	0.0	0.0	46.9
5	0.0	31.4	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	8.5
6	0.0	0.0	0.0	33.9	0.0	0.0	0.0	0.0	18.9	32.3	43.6	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	29.3	0.0	6.4	0.0	0.0	0.0
8	0.0	0.0	0.0	1.5	0.0	1.7	0.0	0.0	0.0	0.0	4.3	0.0
9	0.0	0.0	0.0	0.0	0.0	25.5	21.6	0.0	0.0	3.0	0.0	0.0
10	0.0	5.2	14.4	31.5	0.0	0.0	0.0	0.0	0.0	0.0	37.1	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	20.2	0.0	33.0	0.0	3.8	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	4.3
13	0.0	42.6	0.0	8.9	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0
14	3.8	0.0	0.0	0.8	8.9	10.3	0.0	0.0	0.0	34.9	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	27.7	0.0	0.0	18.2	5.5	2.3	0.0	0.0	0.0	0.0	27.1	0.0
17	9.8	0.0	0.0	0.0	0.0	0.0	0.0	76.6	0.0	37.8	0.0	0.0
18	8.8	0.0	0.0	0.0	0.0	38.5	0.0	0.0	4.3	0.0	86.2	35.9
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	2.5	0.0	5.0	40.8	1.8	0.0	0.0	0.0
21	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.7	0.0	0.0
22	0.0	0.0	0.0	9.2	0.0	0.0	0.0	37.5	0.0	0.0	33.4	0.0
23	0.0	0.0	0.0	0.0	0.0	30.5	0.0	0.0	0.0	10.3	0.0	0.0
24	0.0	45.7	0.0	5.7	0.0	43.5	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	17.6	0.0	0.0	0.0	0.0	26.9	3.1	0.0	0.0	59.3	22.1
26	0.0	0.0	0.0	0.5	0.0	0.0	1.7	0.0	12.6	21.6	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	4.4	6.9	0.0	0.0	16.0	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	19.0	41.7	22.6
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.7	0.0	0.0	0.0	0.0
Total	82.2	154.9	14.4	149.1	45.6	179.4	146.0	231.8	97.6	205.9	349.7	180.4
D. Ll.	7	6	1	12	6	8	8	10	8	10	10	8

TOTALES ANUALES 1837.0 mm. 94 Días lluvia

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

ESTACION: ATALA **MUNICIPIO:** VICTA **AÑO:** 1.988

ALTITUD: 1.160 **LATITUD:** 4-24 N. **LONGITUD:** 74-28 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0					0.0	15.0	9.0	5.0	16.0	9.0	18.0
2	0.0					0.0	6.0	3.0	10.0	1.0	3.0	0.0
3	48.0					0.0	12.0	3.0	8.0	5.0	0.0	13.0
4	13.0					0.0	11.0	0.0	0.0	15.0	0.0	18.0
5	0.0					0.0	31.0	0.0	0.0	6.0	5.0	7.0
6	0.0					0.0	20.0	0.0	16.0	0.0	0.0	0.0
7	0.0					0.0	3.0	0.0	13.0	0.0	36.0	10.0
8	0.0					0.0	10.0	0.0	9.0	0.0	5.0	10.0
9	0.0					0.0	11.0	2.0	0.0	0.0	17.0	3.0
10	0.0					0.0	0.0	0.0	9.0	0.0	0.0	0.0
11	0.0					16.0	0.0	0.0	23.0	5.0	6.0	0.0
12	0.0					7.0	0.0	0.0	2.0	0.0	15.0	9.0
13	0.0					8.0	0.0	0.0	3.0	0.0	9.0	12.0
14	5.0					11.0	0.0	0.0	10.0	0.0	24.0	28.0
15	24.0					6.0	0.0	0.0	10.0	9.0	0.0	3.0
16	18.0					8.0	0.0	17.0	0.0	0.0	10.0	0.0
17	28.0					7.0	0.0	20.0	14.0	6.0	33.0	0.0
18	19.0					22.0	0.0	4.0	7.0	12.0	27.0	0.0
19	5.0					0.0	0.0	0.0	0.0	3.0	12.0	0.0
20	0.0					0.0	0.0	12.0	9.0	5.0	9.0	0.0
21	0.0					13.0	0.0	51.0	15.0	11.0	18.0	0.0
22	0.0					0.0	0.0	21.0	0.0	24.0	10.0	0.0
23	0.0					9.0	0.0	0.0	8.0	0.0	13.0	12.0
24	0.0					21.0	0.0	7.0	0.0	8.0	48.0	17.0
25	0.0					0.0	9.0	11.0	0.0	22.0	17.0	0.0
26	0.0					0.0	0.0	3.0	12.0	9.0	9.0	8.0
27	3.0					12.0	13.0	0.0	3.0	17.0	18.0	0.0
28	2.0					0.0	10.0	15.0	8.0	10.0	22.0	6.0
29	9.0					0.0	0.0	0.0	0.0	13.0	14.0	0.0
30	0.0					0.0	14.0	21.0	3.0	22.0	12.0	0.0
31	0.0					0.0	36.0	14.0	0.0	0.0	0.0	0.0
Total	174.0					140.0	201.0	213.0	197.0	219.0	401.0	174.0
D. LI.	11					12	14	16	21	20	25	15

TOTALES ANUALES mm. Días lluvia

ESTACION: PINAR DEL RIO **MUNICIPIO:** SILVANIA **AÑO:** 1.988

ALTITUD: 1.750 **LATITUD:** 4-22 N. **LONGITUD:** 74-21 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	1.0	3.0	17.0	0.0	2.0	1.0	18.0	0.0	11.0
2	0.0	0.0	0.0	22.0	5.0	4.0	3.0	2.0	0.0	4.0	5.0	10.0
3	16.0	1.0	0.0	8.0	13.0	0.0	0.0	7.0	0.0	0.0	0.0	14.0
4	0.0	7.0	0.0	0.0	3.0	3.0	2.0	2.0	38.0	0.0	0.0	22.0
5	0.0	3.0	0.0	2.0	4.0	3.0	11.0	1.0	3.0	0.0	0.0	11.0
6	0.0	1.0	0.0	64.0	5.0	0.0	9.0	1.0	1.0	2.0	10.0	10.0
7	0.0	1.0	0.0	2.0	0.0	0.0	3.0	0.0	5.0	7.0	28.0	0.0
8	0.0	9.0	19.0	3.0	3.0	3.0	5.0	20.0	8.0	0.0	14.0	16.0
9	0.0	8.0	10.0	12.0	0.0	24.0	0.0	2.0	0.0	0.0	5.0	0.0
10	0.0	4.0	0.0	16.0	2.0	3.0	25.0	5.0	13.0	0.0	18.0	0.0
11	0.0	43.0	0.0	8.0	0.0	15.0	5.0	2.0	10.0	4.0	1.0	0.0
12	0.0	10.0	0.0	11.0	0.0	14.0	17.0	0.0	2.0	3.0	3.0	0.0
13	0.0	15.0	0.0	3.0	0.0	2.0	7.0	0.0	2.0	4.0	12.0	1.0
14	0.0	2.0	3.0	0.0	18.0	8.0	0.0	0.0	0.0	14.0	5.0	0.0
15	19.0	0.0	2.0	24.0	28.0	0.0	0.0	3.0	1.0	2.0	3.0	0.0
16	17.0	10.0	0.0	10.0	5.0	4.0	3.0	4.0	0.0	4.0	5.0	1.0
17	0.0	0.0	0.0	3.0	32.0	12.0	0.0	27.0	0.0	38.0	0.0	6.0
18	10.0	0.0	0.0	0.0	3.0	58.0	10.0	0.0	28.0	3.0	14.0	1.0
19	5.0	0.0	0.0	0.0	4.0	22.0	0.0	1.0	0.0	0.0	3.0	0.0
20	0.0	0.0	1.0	7.0	3.0	0.0	8.0	5.0	6.0	9.0	1.0	1.0
21	1.0	0.0	0.0	5.0	5.0	0.0	3.0	22.0	3.0	10.0	5.0	0.0
22	0.0	5.0	0.0	10.0	0.0	2.0	2.0	2.0	1.0	3.0	68.0	1.0
23	0.0	3.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	22.0	2.0
24	0.0	29.0	0.0	5.0	1.0	38.0	3.0	0.0	0.0	8.0	5.0	13.0
25	0.0	5.0	0.0	0.0	3.0	3.0	41.0	1.0	0.0	2.0	28.0	8.0
26	0.0	0.0	0.0	3.0	0.0	4.0	4.0	3.0	10.0	10.0	0.0	45.0
27	2.0	42.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.0	0.0	0.0
28	0.0	0.0	0.0	3.0	30.0	8.0	0.0	4.0	2.0	0.0	0.0	8.0
29	0.0	3.0	0.0	4.0	11.0	3.0	0.0	8.0	3.0	0.0	32.0	4.0
30	0.0	0.0	0.0	6.0	0.0	10.0	15.0	7.0	7.0	2.0	10.0	10.0
31	0.0	0.0	23.0	0.0	5.0	0.0	0.0	3.0	0.0	1.0	0.0	14.0
Total	70.0	201.0	58.0	232.0	186.0	260.0	176.0	138.0	147.0	151.0	297.0	269.0
D. LI.	7	19	6	23	21	22	19	25	20	21	22	21

TOTALES ANUALES 2125.0 mm. 226 Días lluvia

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

ESTACION: ARABIA MUNICIPIO: SAN BERNARDO AÑO: 1.988

ALTITUD: 1.550 LATITUD: 4-10 N. LONGITUD: 74-25 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	20.0	0.0	3.0	0.0	4.0	0.0	10.0	
2	0.0	0.0	0.0	11.0	26.0	0.0	6.0	2.0	2.0	0.0	2.0	
3	0.0	10.0	0.0	15.0	0.0	6.0	3.0	4.0	7.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	5.0	7.0	5.0	0.0	0.0	0.0	0.0	
5	0.0	3.0	0.0	0.0	0.0	0.0	2.0	0.0	10.0	0.0	0.0	
6	0.0	2.0	0.0	55.0	3.0	0.0	3.0	5.0	9.0	0.0	20.0	
7	0.0	0.0	0.0	4.0	0.0	0.0	5.0	3.0	0.0	0.0	19.0	
8	0.0	0.0	49.0	0.0	3.0	5.0	7.0	3.0	10.0	0.0	14.0	
9	0.0	2.0	200.0	5.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
10	0.0	4.0	0.0	15.0	0.0	0.0	4.0	12.0	10.0	0.0	0.0	
11	0.0	0.0	0.0	24.0	0.0	5.0	3.0	4.0	40.0	0.0	0.0	
12	0.0	12.0	0.0	19.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0	
13	0.0	2.0	0.0	0.0	0.0	0.0	10.0	0.0	7.0	0.0	10.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	24.0	
15	3.0	0.0	0.0	19.0	16.0	2.0	0.0	0.0	0.0	7.0	0.0	
16	6.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	32.0	0.0	0.0	0.0	4.0	0.0	0.0	5.0	0.0	19.0	20.0	
18	27.0	0.0	0.0	0.0	0.0	21.0	11.0	5.0	5.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0	0.0	15.0	
20	0.0	0.0	0.0	0.0	10.0	6.0	0.0	5.0	0.0	20.0	5.0	
21	0.0	0.0	0.0	6.0	0.0	10.0	0.0	15.0	0.0	6.0	27.0	
22	4.0	0.0	0.0	0.0	0.0	9.0	4.0	0.0	0.0	0.0	41.0	
23	0.0	0.0	0.0	0.0	0.0	7.0	0.0	5.0	5.0	0.0	0.0	
24	0.0	9.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	0.0	20.0	
25	0.0	8.0	0.0	0.0	0.0	8.0	7.0	0.0	0.0	0.0	0.0	
26	0.0	10.0	0.0	0.0	0.0	4.0	10.0	15.0	0.0	5.0	0.0	
27	0.0	4.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	20.0	10.0	
28	0.0	9.0	0.0	0.0	15.0	0.0	0.0	9.0	0.0	0.0	0.0	
29	1.0	30.0	4.0	40.0	11.0	2.0	0.0	0.0	0.0	0.0	10.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	0.0	16.0	0.0	
31	0.0	0.0	0.0	0.0	8.0	0.0	10.0	2.0	0.0	0.0	0.0	
Total	73.0	105.0	253.0	216.0	136.0	93.0	108.0	122.0	111.0	129.0	247.0	
D. Ll.	6	13	3	12	12	14	20	18	12	8	15	
TOTALES ANUALES							mm.					Días lluvia

ESTACION: SAN JUAN MUNICIPIO: S. JUAN RIOSECO AÑO: 1.988

ALTITUD: 1.300 LATITUD: 4-51 N. LONGITUD: 74-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	44.6	0.0	10.0	5.5	2.0	7.8	5.1	0.0
2	0.0	0.0	0.0	0.0	0.0	4.3	7.0	0.0	1.0	11.0	0.0	27.3
3	0.0	0.0	0.0	13.6	14.3	0.0	3.0	0.0	1.7	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	7.0	13.5	0.0	20.0	0.0	0.0	16.1
5	0.0	14.2	0.0	3.2	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
6	0.0	27.8	0.0	8.0	0.0	0.0	2.0	0.0	0.0	0.0	2.1	0.0
7	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5	4.2
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	2.5	0.0
9	0.0	0.0	0.0	31.4	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
10	0.0	30.3	0.0	17.4	0.0	7.0	0.0	0.0	9.0	0.0	5.1	0.0
11	0.0	24.2	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	11.7	0.0
12	0.0	0.0	0.0	19.2	0.0	0.0	0.0	0.0	1.5	0.0	0.0	25.1
13	0.0	0.0	0.0	0.0	1.2	3.2	0.0	5.5	0.0	4.5	8.2	0.0
14	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	3.0	3.2
15	11.4	0.0	0.0	12.3	0.0	0.0	0.0	0.0	0.0	4.2	10.8	0.0
16	0.0	17.2	8.4	0.0	0.0	19.2	0.0	0.0	0.0	0.0	4.5	2.3
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	0.0	0.0
18	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	10.0	130.7	1.1
19	2.1	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	3.6	0.0
20	0.0	0.0	0.0	6.7	0.0	0.0	0.0	5.7	0.0	8.1	1.1	1.2
21	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	9.5	9.0	0.0	0.0
22	0.0	4.6	0.0	33.8	0.0	0.0	0.0	0.0	1.0	0.0	61.2	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	7.1	4.1	4.6	0.0
24	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	34.5	0.0
25	3.2	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	5.2
26	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	3.2	0.0	0.0	21.0	0.0	6.0	0.0	0.0
28	0.0	2.3	0.0	0.0	1.3	0.0	0.0	0.0	0.0	2.0	0.0	0.0
29	10.3	0.0	3.2	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	30.2
30	0.0	0.0	0.0	27.3	8.0	10.6	0.0	47.3	0.0	0.0	0.0	11.5
31	0.0	0.0	9.4	0.0	11.8	0.0	0.0	2.2	0.0	0.0	0.0	7.2
Total	27.0	125.4	21.0	189.8	91.3	50.7	49.5	136.2	61.8	100.2	326.2	134.6
D. Ll.	4	9	3	14	9	6	7	9	10	12	16	12
TOTALES ANUALES							1313.7 mm.				111	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:** 1.988

ALTITUD: 1.550 **LATITUD:** 3-04 N. **LONGITUD:** 75-05 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0	8.0	18.0		10.0
2	0.0	0.0	2.0	2.0	8.0	0.0	3.0	1.0	3.0	21.0		18.0
3	0.0	11.0	0.0	18.0	10.0	0.0	18.0	0.0	8.0	13.0		11.0
4	0.0	0.0	0.0	11.0	11.0	0.0	0.0	2.0	0.0	27.0		8.0
5	0.0	0.0	0.0	15.0	18.0	6.0	1.0	0.0	0.0	6.0		6.0
6	0.0	0.0	13.0	4.0	9.0	0.0	0.0	0.0	0.0	11.0		0.0
7	0.0	3.0	8.0	8.0	7.0	0.0	0.0	0.0	0.0	3.0		11.0
8	0.0	2.0	9.0	3.0	0.0	0.0	3.0	1.0	11.0	8.0		22.0
9	0.0	0.0	3.0	18.0	0.0	0.0	0.0	11.0	7.0	10.0		20.0
10	0.0	0.0	0.0	22.0	0.0	2.0	0.0	8.0	18.0	2.0		21.0
11	1.0	8.0	0.0	11.0	11.0	0.0	0.0	3.0	3.0	2.0		0.0
12	1.0	4.0	0.0	18.0	6.0	0.0	2.0	0.0	0.0	0.0		0.0
13	0.0	2.0	0.0	24.0	2.0	0.0	0.0	1.0	0.0	0.0		18.0
14	0.0	0.0	11.0	33.0	0.0	2.0	1.0	0.0	0.0	2.0		32.0
15	0.0	0.0	24.0	15.0	0.0	1.0	0.0	0.0	0.0	0.0		17.0
16	0.0	0.0	20.0	11.0	0.0	2.0	0.0	0.0	3.0	27.0		15.0
17	10.0	0.0	3.0	0.0	3.0	0.0	0.0	0.0	1.0	22.0		8.0
18	8.0	3.0	0.0	10.0	2.0	0.0	0.0	0.0	0.0	11.0		0.0
19	6.0	0.0	0.0	3.0	0.0	8.0	0.0	0.0	0.0	2.0		9.0
20	0.0	0.0	0.0	6.0	0.0	18.0	0.0	0.0	0.0	0.0		13.0
21	0.0	0.0	0.0	3.0	0.0	22.0	0.0	0.0	30.0	0.0		11.0
22	0.0	12.0	8.0	3.0	0.0	32.0	0.0	2.0	26.0	0.0		10.0
23	0.0	1.0	0.0	8.0	0.0	11.0	1.0	1.0	17.0	3.0		32.0
24	0.0	1.0	0.0	18.0	3.0	0.0	0.0	0.0	8.0	8.0		0.0
25	0.0	8.0	3.0	22.0	0.0	0.0	0.0	3.0	6.0	15.0		28.0
26	0.0	10.0	0.0	0.0	1.0	8.0	0.0	0.0	0.0	18.0		15.0
27	0.0	11.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	13.0		18.0
28	1.0	28.0	0.0	0.0	0.0	0.0	0.0	8.0	5.0	11.0		16.0
29	1.0	0.0	0.0	0.0	0.0	9.0	0.0	11.0	0.0	11.0		15.0
30	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	11.0	10.0		8.0
31	3.0	0.0	0.0	0.0	5.0	0.0	0.0	15.0	0.0	0.0		28.0
Total	32.0	108.0	104.0	289.0	96.0	123.0	31.0	68.0	165.0	274.0		420.0
D. Ll.	9	15	11	24	14	13	8	14	16	24		26

TOTALES ANUALES mm. Dias lluvia

ESTACION: CORRALES **MUNICIPIO:** TERUEL **AÑO:** 1.988

ALTITUD: 1.450 **LATITUD:** 2-43 N. **LONGITUD:** 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0		20.0	10.0	0.0	4.0	0.0	0.4
2	0.0	0.0	0.0	0.0	3.0		4.0	0.0	0.0	30.0	0.0	2.7
3	0.0	0.0	0.0	0.0	0.0		25.0	0.0	0.0	1.0	0.0	1.4
4	22.0	27.0	3.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	7.6
5	0.0	0.0	0.0	0.0	0.0		5.0	0.0	0.0	25.0	1.0	1.2
6	0.0	0.0	0.0	0.0	0.0		14.0	0.0	0.0	0.0	45.4	12.4
7	0.0	0.0	0.0	0.0	13.0		0.0	0.0	47.0	0.0	58.0	68.4
8	0.0	5.0	23.0	0.0	0.0		0.0	5.0	55.0	0.0	0.4	2.3
9	0.0	0.0	2.0	5.0	5.0		0.0	0.0	23.0	0.0	30.0	3.7
10	0.0	54.0	0.0	15.0	0.0		0.0	0.0	0.0	0.0	18.5	1.6
11	0.0	7.0	0.0	20.0	0.0		2.0	0.0	10.0	7.5	0.0	13.8
12	0.0	0.0	0.0	10.0	0.0		0.0	0.0	0.0	4.7	32.3	3.5
13	0.0	0.0	0.0	0.0	0.0		0.0	0.0	20.0	1.0	36.0	0.4
14	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.5	23.0	11.5
15	2.0	6.0	2.0	30.0	25.0		0.0	0.0	0.0	1.0	0.0	1.2
16	3.0	0.0	8.0	0.0	0.0		0.0	0.0	0.0	1.4	11.9	0.0
17	7.0	7.0	0.0	0.0	0.0		0.0	17.0	0.0	6.0	4.0	0.0
18	21.0	0.0	0.0	0.0	28.0		0.0	8.0	0.0	14.6	0.0	0.0
19	50.0	0.0	0.0	34.0	0.0		0.0	22.0	0.0	3.1	19.1	0.0
20	0.0	0.0	0.0	0.0	0.0		5.0	6.0	0.0	0.4	41.0	0.0
21	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	6.0	1.4
22	0.0	23.0	0.0	56.0	0.0		0.0	0.0	0.0	0.0	6.8	24.4
23	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	9.0	4.0	1.9
24	0.0	17.0	0.0	0.0	0.0		1.0	0.0	0.0	0.0	20.0	22.2
25	13.0	14.0	0.0	0.0	42.0		0.0	0.0	0.0	0.0	15.5	4.5
26	0.0	0.0	0.0	0.0	0.0		0.0	36.0	0.0	6.3	14.6	10.0
27	0.0	12.0	0.0	0.0	60.0		0.0	0.0	0.0	58.7	2.7	4.3
28	0.0	8.0	0.0	0.0	2.0		0.0	0.0	0.0	0.0	14.7	18.3
29	0.0	0.0	0.0	0.0	2.0		0.0	31.0	0.0	28.6	7.3	3.2
30	0.0	0.0	0.0	0.0	22.0		0.0	0.0	30.0	1.6	10.0	11.3
31	0.0	0.0	0.0	0.0	0.0		4.0	0.0	0.0	5.6	0.0	16.0
Total	118.0	180.0	38.0	170.0	202.0		80.0	135.0	185.0	210.0	422.2	249.6
D. Ll.	7	11	5	7	10		9	8	6	20	23	26

TOTALES ANUALES mm. Dias lluvia

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

ESTACION: GUAYABAL **MUNICIPIO:** ALGECIRAS **AÑO:** 1.988

ALTITUD: 1.460 **LATITUD:** 2-31 N. **LONGITUD:** 75-17 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC
1	0.0	0.0		9.0	0.0	0.0		0.0	0.0	36.0	5.0	0.0
2	0.0	0.0		0.0	0.0	0.0		0.0	0.0	17.0	1.5	0.0
3	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
4	0.0	0.0		7.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
5	0.0	0.0		0.0	1.0	0.0		32.0	0.0	0.0	0.0	24.0
6	0.0	0.0		0.0	12.0	0.0		0.0	0.0	1.5	8.0	0.0
7	0.0	2.5		8.0	0.0	0.0		0.0	0.0	0.0	8.0	0.0
8	0.0	0.0		20.0	0.0	21.5		0.0	0.0	0.0	5.0	2.5
9	0.0	0.0		0.0	1.5	0.0		0.0	40.0	0.0	7.0	0.0
10	0.0	2.5		0.0	5.0	1.5		10.0	20.0	10.0	8.0	3.5
11	0.0	0.5		0.0	2.5	0.0		0.0	10.0	0.0	0.0	7.0
12	0.0	0.0		0.0	17.5	3.0		0.0	0.0	15.0	0.0	2.0
13	0.0	0.0		0.0	0.0	0.0		0.0	0.0	16.5	11.0	24.5
14	0.0	0.5		0.0	2.5	0.0		1.5	0.0	3.0	13.0	19.8
15	0.0	0.0		0.0	0.0	0.0		0.0	0.0	5.0	15.0	0.0
16	0.5	0.0		0.0	15.0	1.0		0.0	0.0	12.0	4.0	0.0
17	9.0	0.0		1.0	0.0	2.5		0.0	9.0	15.0	0.0	10.1
18	31.0	0.0		0.0	2.7	0.5		0.0	0.0	5.0	0.0	29.5
19	0.0	0.0		0.0	0.0	0.0		3.0	0.0	0.0	0.0	9.0
20	0.0	0.0		1.5	0.0	0.0		0.0	0.0	12.0	30.0	9.0
21	0.0	0.0		10.0	0.7	1.0		0.0	5.0	0.0	0.0	11.0
22	0.0	2.5		0.0	0.0	2.0		0.0	0.0	0.0	30.0	13.0
23	0.0	0.0		0.0	0.0	47.0		0.0	0.0	0.0	30.0	11.0
24	0.0	5.0		9.5	0.0	5.0		25.0	0.0	8.0	16.0	8.9
25	0.0	20.0		0.0	0.0	0.0		10.0	2.5	0.0	0.0	7.2
26	0.0	50.0		0.0	0.0	0.0		5.0	0.0	1.5	0.0	0.0
27	0.0	0.0		14.0	0.0	0.0		0.0	0.0	3.5	0.0	0.0
28	0.0	0.7		0.0	0.0	0.0		0.0	0.0	2.5	0.0	0.0
29	0.0	0.0		0.0	4.0	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	5.0	0.0
31	0.0	0.0		0.0	0.0	0.0		0.0	0.0	10.0	0.0	0.0
Total	40.5	84.2		80.0	64.4	85.0		86.5	86.5	173.5	200.5	192.0
D. Ll.	3	9		9	11	10		7	6	17	16	16
TOTALES ANUALES								mm.				Días lluvia

ESTACION: LA PRIMAVERA **MUNICIPIO:** GIGANTE **AÑO:** 1.988

ALTITUD: 1.400 **LATITUD:** 2-15 N. **LONGITUD:** 75-30 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	4.5	1.7	0.7	3.8	0.5	0.0	8.0	3.8
2	0.0	0.0	0.0	1.4	1.0	14.6	3.3	5.5	4.5	29.8	10.3	3.2
3	0.0	5.3	0.0	1.8	16.2	16.9	33.6	0.2	0.0	10.7	0.2	2.2
4	0.0	18.0	0.0	0.0	3.7	15.6	6.5	0.0	0.0	0.3	0.0	0.0
5	0.0	0.0	0.0	0.2	0.0	10.0	3.6	0.0	4.0	0.0	0.0	0.0
6	0.0	0.0	0.0	3.1	0.0	8.8	21.4	1.5	0.3	3.4	1.0	13.8
7	0.4	0.7	0.2	1.0	2.2	13.0	16.9	3.9	0.0	0.5	7.2	0.4
8	0.0	0.0	19.4	0.7	13.4	15.0	9.8	0.5	0.0	1.5	7.9	4.4
9	0.0	22.0	1.9	4.3	14.7	5.5	7.5	1.2	4.8	0.0	7.7	0.4
10	0.0	3.0	0.0	0.0	0.4	1.0	0.0	1.4	1.5	0.3	2.5	0.0
11	0.7	0.0	0.0	23.6	1.6	0.0	0.0	0.0	0.0	6.0	4.7	2.7
12	0.9	0.0	0.0	13.0	0.0	1.8	3.0	0.0	3.0	0.0	1.4	0.0
13	5.1	2.1	0.0	7.5	0.0	0.5	0.0	0.0	0.0	1.5	1.2	18.2
14	3.7	3.7	3.3	5.4	0.5	6.3	0.0	0.7	1.4	2.7	11.4	14.0
15	0.0	0.0	2.3	3.2	3.0	0.0	0.0	2.4	0.7	0.0	6.0	4.2
16	37.0	0.0	17.8	3.1	7.0	14.0	0.0	0.9	0.9	0.0	2.0	2.6
17	15.0	0.0	0.0	4.2	12.0	5.0	2.0	5.2	0.0	9.0	1.0	0.0
18	0.0	0.0	0.2	8.7	12.5	19.4	0.2	0.2	4.0	1.2	0.0	0.0
19	19.7	0.0	0.0	0.0	0.3	5.2	0.0	0.0	0.0	31.5	0.0	0.5
20	0.0	0.0	0.0	0.5	1.4	2.4	3.8	11.0	16.0	4.1	0.0	0.4
21	0.0	0.0	0.0	0.0	0.3	15.9	7.5	7.1	0.0	0.7	20.0	0.0
22	15.9	0.0	0.0	18.3	2.0	3.4	0.0	4.2	1.6	6.0	1.3	0.0
23	0.0	0.0	0.0	2.0	0.0	1.1	4.0	0.2	0.7	0.0	6.9	6.5
24	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	8.0	1.4	11.0
25	0.0	0.0	0.0	1.6	3.0	11.3	13.4	0.0	2.9	2.7	19.2	4.3
26	0.0	7.8	0.0	0.3	0.0	9.9	0.0	2.3	2.2	0.0	0.0	8.0
27	0.0	0.0	0.0	2.0	5.1	0.0	0.0	6.0	0.0	11.7	3.3	0.0
28	0.0	0.0	0.9	0.0	9.0	4.1	0.0	0.0	0.5	6.2	6.0	12.4
29	0.0	12.4	2.3	3.5	0.6	4.7	0.0	6.5	0.3	0.2	0.0	0.2
30	0.0	0.0	0.0	0.0	7.0	14.0	1.2	0.5	6.5	3.5	14.8	16.0
31	0.0	0.0	0.0	0.0	1.4	0.0	0.6	6.2	0.0	2.0	0.0	1.0
Total	98.4	75.0	48.3	109.4	123.8	233.1	139.0	71.4	56.3	143.5	145.4	130.2
D. Ll.	9	9	9	22	24	27	18	22	19	23	23	22
TOTALES ANUALES							1373.8 mm.				227	Días lluvia

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

ESTACION: VILLA CONSUELO **MUNICIPIO:** CARZON **AÑO:** 1.988

ALTITUD: 1.450 **LATITUD:** 2-11 N. **LONGITUD:** 75-39 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.6	0.0	2.5	5.1	0.0	15.5	0.0	1.3	22.4	1.0
2	0.0	0.0	0.0	2.0	22.1	1.2	4.2	9.8	3.0	21.5	5.5	4.1
3	0.0	0.0	0.0	14.0	19.4	15.2	21.0	12.2	0.0	6.3	0.0	8.3
4	0.0	5.4	0.0	0.5	5.0	20.7	12.2	0.0	0.7	0.7	3.0	0.0
5	0.0	0.3	0.0	0.2	0.0	11.7	17.9	0.0	0.0	1.0	2.0	0.4
6	0.0	2.4	0.0	4.9	1.2	10.7	14.0	5.0	0.0	1.0	11.6	5.2
7	0.0	2.7	0.0	1.8	6.2	0.0	2.0	12.0	0.0	0.4	6.0	7.6
8	0.0	0.0	23.6	0.4	17.5	10.0	45.2	0.0	0.0	12.4	21.6	7.3
9	0.0	9.7	0.9	11.0	9.0	7.3	2.6	1.0	6.3	0.0	2.5	0.7
10	0.0	27.9	0.0	2.1	0.4	3.0	0.0	2.4	2.0	0.0	1.3	0.0
11	0.0	5.3	0.0	32.1	2.0	0.2	0.6	0.0	1.4	5.4	2.5	3.3
12	0.0	0.0	0.0	6.9	0.0	0.7	3.5	0.0	2.0	0.0	4.1	0.0
13	1.6	4.2	0.0	9.1	0.0	3.2	0.0	1.6	3.1	2.7	0.9	6.6
14	3.0	0.0	0.4	7.0	0.6	10.8	0.0	0.0	0.0	4.0	33.8	4.6
15	0.0	0.0	1.8	3.8	24.6	0.0	0.0	0.0	4.0	0.0	39.6	4.3
16	18.8	0.0	13.5	1.0	2.2	32.0	0.0	2.0	3.0	2.0	0.3	11.5
17	5.5	0.0	0.0	1.5	9.5	4.2	1.0	3.8	0.0	19.9	0.0	0.0
18	0.0	0.0	0.0	6.4	2.3	15.2	0.0	1.3	1.7	0.1	1.3	0.0
19	7.0	0.0	0.0	0.9	0.4	4.5	0.0	9.4	4.5	14.0	0.0	0.0
20	0.0	0.0	0.0	6.0	3.0	0.2	1.6	13.0	16.7	2.6	0.0	0.0
21	0.0	0.3	3.2	0.0	0.6	1.2	1.3	9.5	0.0	2.4	13.3	0.0
22	0.0	0.7	0.0	20.0	0.0	2.0	5.2	3.0	1.2	32.0	2.0	0.0
23	0.0	0.0	0.0	1.2	0.7	1.1	1.4	0.0	0.3	0.0	3.3	2.6
24	0.0	11.5	0.0	1.9	0.2	18.4	2.2	0.0	0.2	0.0	22.3	4.1
25	0.0	24.3	0.0	1.0	4.2	1.5	11.2	0.0	1.0	2.2	14.0	10.5
26	0.0	0.0	0.0	1.2	0.4	0.4	0.0	2.0	1.0	10.0	1.3	15.0
27	0.0	6.6	0.0	2.0	0.4	12.2	0.0	16.0	1.0	10.4	7.8	0.0
28	0.0	1.8	1.1	0.4	3.0	5.4	0.0	0.0	1.4	4.7	13.0	4.0
29	0.7	9.5	1.5	10.4	0.0	0.0	0.0	7.7	1.2	5.4	0.0	2.0
30	0.0	0.0	0.0	5.5	41.0	4.0	0.0	0.0	12.1	9.6	20.0	9.0
31	0.0	0.0	0.0	0.0	12.1	0.0	3.5	6.8	0.0	1.1	0.0	0.0
Total	36.6	112.6	46.6	155.2	150.5	202.1	150.6	134.0	67.8	173.1	255.4	112.1
D. Ll.	6	15	9	28	26	27	18	19	21	25	25	20

TOTALES ANUALES 1636.6 mm. 239 Días lluvia

ESTACION: CONC DE DESARROLLO **MUNICIPIO:** TIMANA **AÑO:** 1.988

ALTITUD: 1.080 **LATITUD:** 1-59 N. **LONGITUD:** 75-56 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	56.0	1.0
2	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.5	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	12.5
4	0.0	10.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	3.5
5	10.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	1.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	3.0
7	22.0	0.0	0.0	0.0	20.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
8	15.0	5.0	0.0	0.0	20.0	6.0	20.0	0.0	0.0	0.0	0.0	30.5
9	0.0	0.0	0.0	0.0	10.0	0.0	6.0	0.0	0.0	0.0	0.0	1.0
10	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	15.0	1.0
11	0.0	0.0	0.0	0.0	0.0	15.0	0.0	5.0	10.0	0.0	0.0	0.0
12	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	6.0	12.0	25.0	0.0
13	0.0	0.0	0.0	24.0	0.0	0.0	3.0	8.0	0.0	0.0	0.0	10.0
14	0.0	0.0	0.0	11.0	0.0	25.0	0.0	0.0	0.0	0.0	33.0	15.0
15	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	9.5	12.0	0.0
16	0.0	0.0	0.0	39.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5
18	0.0	0.0	0.0	0.0	0.0	10.0	6.5	0.0	0.0	8.0	0.0	0.0
19	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	14.0
20	0.0	0.0	10.0	13.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	15.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	15.0	17.0	0.0
22	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	20.0	0.0	14.0	15.0	0.0	0.0	0.0	0.0	0.0	5.0
24	25.0	0.0	10.0	53.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
25	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	20.0	16.5	5.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	15.5	1.0	0.0
27	20.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
28	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	7.0	0.0
30	0.0	0.0	0.0	4.5	0.0	6.5	0.0	0.0	10.0	0.0	33.5	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0	0.0	25.0
Total	92.0	109.0	55.0	175.0	91.0	161.0	76.5	41.0	83.0	118.5	218.0	147.0
D. Ll.	5	7	4	7	6	13	7	4	6	10	11	15

TOTALES ANUALES 1367.0 mm. 95 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:** 1.988

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	3.0	82.0	57.0	5.0	62.0	0.0	0.0	9.0	7.0
2	0.0	0.0	0.0	9.0	0.0	27.0	19.0	8.0	0.0	0.0	22.0	10.0
3	0.0	0.0	0.0	0.0	75.0	14.0	13.0	0.0	0.0	0.0	18.0	19.0
4	0.0	0.0	0.0	0.0	18.0	28.0	22.0	11.0	6.0	0.0	4.0	17.0
5	0.0	0.0	0.0	59.0	28.0	9.0	29.0	0.0	14.0	28.0	12.0	0.0
6	0.0	0.0	0.0	0.0	10.0	0.0	96.0	0.0	3.0	36.0	9.0	0.0
7	0.0	20.0	0.0	0.0	9.0	11.0	12.0	18.0	0.0	8.0	15.0	9.0
8	0.0	20.0	0.0	0.0	0.0	7.0	3.0	27.0	8.0	0.0	14.0	0.0
9	0.0	0.0	0.0	0.0	38.0	9.0	0.0	6.0	21.0	0.0	7.0	0.0
10	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	39.0	25.0	1.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	28.0	3.0	0.0	0.0
12	0.0	0.0	0.0	7.0	0.0	61.0	21.0	0.0	4.0	2.0	0.0	3.0
13	0.0	4.0	0.0	10.0	0.0	18.0	23.0	0.0	0.0	0.0	0.0	1.0
14	0.0	0.0	0.0	0.0	0.0	9.0	0.0	11.0	0.0	0.0	3.0	0.0
15	0.0	0.0	0.0	0.0	0.0	4.0	0.0	6.0	0.0	0.0	7.0	0.0
16	0.0	0.0	13.0	0.0	25.0	0.0	9.0	0.0	0.0	0.0	5.0	0.0
17	0.0	0.0	2.0	0.0	0.0	0.0	28.0	14.0	0.0	0.0	4.0	1.0
18	0.0	0.0	0.0	10.0	11.0	0.0	11.0	21.0	6.0	12.0	0.0	3.0
19	0.0	0.0	1.0	0.0	9.0	0.0	8.0	9.0	6.0	28.0	0.0	0.0
20	0.0	0.0	0.0	0.0	14.0	0.0	3.0	0.0	0.0	18.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	53.0	0.0	19.0	0.0	0.0	3.0	0.0
22	0.0	0.0	0.0	12.0	58.0	30.0	0.0	23.0	0.0	0.0	6.0	0.0
23	0.0	0.0	0.0	0.0	11.0	53.0	16.0	0.0	0.0	0.0	4.0	0.0
24	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	2.0	0.0
25	0.0	0.0	0.0	0.0	0.0	17.0	7.0	0.0	0.0	14.0	1.0	0.0
26	0.0	0.0	0.0	24.0	0.0	28.0	0.0	0.0	0.0	11.0	0.0	0.0
27	0.0	0.0	0.0	0.0	29.0	9.0	0.0	4.0	0.0	9.0	7.0	14.0
28	0.0	0.0	9.0	0.0	0.0	7.0	5.0	3.0	18.0	0.0	3.0	10.0
29	0.0	0.0	0.0	0.0	0.0	0.0	8.0	22.0	29.0	0.0	0.0	18.0
30	0.0	0.0	0.0	16.0	0.0	8.0	0.0	28.0	0.0	0.0	2.0	0.0
31	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
Total	0.0	44.0	25.0	150.0	449.0	503.0	347.0	292.0	182.0	196.0	162.0	112.0
D. Ll.	0	3	4	9	15	22	20	17	12	13	22	12

TOTALES ANUALES 2462.0 mm. 149 Dias lluvia

ESTACION: EL ALBA **MUNICIPIO:** EARAYA **AÑO:** 1.988

ALTITUD: 1.480 **LATITUD:** 3-09 N. **LONGITUD:** 75-04 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	3.0	8.0	0.0	0.0	0.0	20.0	5.0	0.0
2	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0
3	0.0	0.0	0.0	0.0	0.0	20.0	30.0	0.0	0.0	0.0	0.0	22.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.5	30.0
5	0.0	0.0	0.0	15.0	0.0	0.0	16.0	0.0	0.0	0.0	20.0	18.0
6	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0
7	0.0	0.0	0.0	0.0	0.0	4.0	0.0	10.0	0.0	0.0	0.0	10.0
8	0.0	0.0	33.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
9	0.0	0.0	0.0	16.0	0.0	0.0	12.0	0.0	20.0	0.0	0.0	13.0
10	0.0	12.0	0.0	5.0	0.0	10.0	0.0	0.0	4.0	0.0	0.0	0.0
11	0.0	12.0	0.0	10.0	0.0	0.0	10.0	5.0	26.0	8.0	0.0	0.0
12	0.0	0.0	14.0	13.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	5.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	56.0	0.0	5.5
14	0.0	0.0	0.0	0.0	3.0	11.0	0.0	0.0	17.0	15.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	13.0	0.0	0.0
16	0.0	0.0	16.5	11.0	3.5	10.0	0.0	0.0	0.0	17.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0
18	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	10.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0
20	0.0	0.0	0.0	6.0	0.0	0.0	0.0	18.0	0.0	0.0	30.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	23.0	15.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	24.0	20.0	5.0	0.0	0.0	12.0	30.0
25	0.0	11.0	0.0	0.0	0.0	18.0	13.0	0.0	20.0	0.0	8.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	7.0	0.0
27	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	5.5	27.5	0.0
29	0.0	0.0	0.0	15.0	0.0	0.0	0.0	26.0	0.0	20.0	5.0	0.0
30	0.0	0.0	0.0	3.0	7.0	8.0	0.0	20.0	15.0	0.0	9.0	0.0
31	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	4.0	35.0	63.5	139.0	72.5	148.0	105.0	144.0	112.0	275.5	176.5	185.5
D. Ll.	1	3	3	10	7	11	7	11	7	12	13	12

TOTALES ANUALES 1460.5 mm. 97 Dias lluvia

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

ESTACION: QUEBRADANEGRA MUNICIPIO: CALARCA AÑO: 1.988

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	1.0	0.0	0.0	0.0	5.0	31.0	3.0	20.0	3.0	18.0	5.0	30.0
2	6.0	0.0	0.0	0.0	0.0	0.0	12.0	2.0	0.0	5.0	12.0	41.0
3	0.0	0.0	0.0	6.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	35.0
4	5.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	25.0
5	0.0	0.0	0.0	59.0	4.0	0.0	10.0	2.0	0.0	0.0	1.0	11.0
6	0.0	13.0	0.0	7.0	2.0	0.0	7.0	0.0	40.0	22.0	0.0	65.0
7	0.0	0.0	40.0	10.0	7.0	0.0	0.0	5.0	30.0	7.0	6.0	0.0
8	0.0	5.0	64.0	3.0	0.0	0.0	0.0	8.0	11.0	0.0	0.0	0.0
9	0.0	3.0	0.0	13.0	1.0	0.0	0.0	0.0	13.0	3.0	0.0	0.0
10	0.0	19.0	0.0	20.0	12.0	0.0	0.0	0.0	9.0	0.0	3.0	0.0
11	0.0	0.0	0.0	17.0	1.0	0.0	0.0	0.0	10.0	7.0	27.0	0.0
12	0.0	0.0	0.0	30.0	0.0	0.0	0.0	1.0	38.0	23.0	15.0	0.0
13	0.0	0.0	0.0	50.0	8.0	0.0	0.0	5.0	40.0	3.0	21.0	0.0
14	3.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	49.0	0.0
15	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	8.0	62.0	0.0
16	0.0	0.0	0.0	0.0	2.0	13.0	0.0	0.0	0.0	3.0	41.0	0.0
17	14.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	5.0	0.0	0.0
18	7.0	0.0	0.0	0.0	0.0	7.0	0.0	3.0	0.0	6.0	13.0	63.0
19	0.0	0.0	0.0	10.0	0.0	0.0	0.0	13.0	0.0	17.0	50.0	0.0
20	0.0	0.0	0.0	1.0	0.0	1.0	0.0	10.0	0.0	4.0	27.0	0.0
21	0.0	0.0	0.0	30.0	0.0	27.0	0.0	12.0	0.0	0.0	40.0	5.0
22	0.0	0.0	0.0	10.0	0.0	15.0	0.0	9.0	3.0	0.0	3.0	0.0
23	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	12.0	17.0
24	0.0	2.0	0.0	6.0	0.0	5.0	0.0	0.0	0.0	40.0	0.0	22.0
25	0.0	10.0	0.0	20.0	0.0	9.0	0.0	7.0	0.0	1.0	0.0	66.0
26	13.0	45.0	0.0	9.0	0.0	10.0	0.0	5.0	0.0	1.0	0.0	10.0
27	0.0	0.0	0.0	0.0	40.0	3.0	3.0	3.0	0.0	7.0	3.0	30.0
28	0.0	0.0	0.0	10.0	0.0	8.0	1.0	1.0	0.0	12.0	73.0	2.0
29	0.0	0.0	0.0	17.0	76.0	30.0	5.0	20.0	2.0	3.0	32.0	0.0
30	0.0	0.0	0.0	23.0	0.0	4.0	0.0	26.0	15.0	30.0	19.0	0.0
31	0.0	0.0	0.0	0.0	3.0	0.0	25.0	1.0	0.0	13.0	0.0	3.0
Total	49.0	97.0	104.0	411.0	161.0	199.0	71.0	153.0	214.0	238.0	514.0	425.0
D. LL.	7	7	2	22	12	15	10	19	12	22	21	15

TOTALES ANUALES 2636.0 164 Días lluvia

ESTACION: LA LAGUNA MUNICIPIO: CONVENCION AÑO: 1.988

ALTITUD 1.250 LATITUD: 8-32 N. LONGITUD: 73-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	10.0	0.0	0.0	0.0	23.5	0.0	4.0		
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	22.0		
3	0.0	0.0	0.0	0.0	36.5	0.0	10.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	6.0		
5	0.0	0.0	0.0	15.5	0.0	0.0	10.0	0.0	0.0	4.0		
6	0.0	0.0	0.0	23.5	0.0	0.0	0.0	46.0	20.0	0.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	4.5	0.0		
8	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	16.0	3.0		
9	4.0	9.5	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	22.5	0.0	0.0	0.0	0.0		
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	3.0	2.0		
12	0.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0	14.0	0.0		
13	0.0	0.0	0.0	0.0	7.0	0.0	0.0	9.5	0.0	25.0		
14	0.0	0.0	0.0	0.0	0.0	20.5	0.0	0.0	0.0	0.0		
15	0.0	0.0	15.0	0.0	0.0	0.0	0.0	10.0	2.0	24.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	29.5	14.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0		
19	0.0	0.0	3.0	0.0	0.0	23.5	0.0	0.0	10.0	10.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.5	0.0	0.0		
21	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	46.0	0.0	0.0	0.0	8.0		
23	0.0	2.0	0.0	0.0	0.0	0.0	0.0	30.0	10.0	0.0		
24	0.0	1.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	12.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.5	1.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	13.5	0.0	25.5	5.0	0.0		
27	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	5.0		
28	0.0	0.0	0.0	0.0	35.0	10.0	0.0	19.0	15.0	0.0		
29	7.0	0.0	0.0	0.0	15.0	0.0	20.0	5.0	32.0	3.0		
30	0.0	0.0	18.0	17.0	0.0	36.0	0.0	10.0	20.0	0.0		
31	0.0	0.0	0.0	0.0	10.5	0.0	0.0	5.0	0.0	0.0		
Total	11.0	32.5	36.0	141.0	104.0	211.5	103.0	304.5	204.5	128.0		
D. LL.	2	4	3	6	5	9	6	17	16	13		

TOTALES ANUALES 1270.0 Días lluvia

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

ESTACION: VIVERO MUNICIPIO: GUIMBAYA AÑO: 1.988

ALTITUD: 1.400 LATITUD: 4-37 N. LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	4.0	13.0	2.5	1.5	0.0	52.0	38.0	23.0
2	4.0	0.0	0.0	1.0	0.0	2.0	3.0	2.5	2.0	3.0	8.0	9.0
3	9.0	29.0	0.0	52.0	0.0	0.0	28.0	14.5	0.0	0.0	0.0	1.0
4	0.0	0.0	0.0	0.0	2.0	0.0	22.0	0.0	0.0	3.0	0.0	41.0
5	19.0	0.0	0.0	47.0	1.0	4.0	9.0	0.0	2.0	0.0	3.5	14.0
6	12.0	0.0	0.0	6.0	2.5	0.0	0.0	2.0	0.0	52.0	0.0	16.0
7	3.0	0.0	0.0	0.0	3.0	3.5	0.0	5.0	7.5	31.0	19.5	2.0
8	8.0	22.0	31.0	0.0	10.0	0.0	18.0	2.5	3.0	8.0	9.0	0.0
9	0.0	0.0	14.0	1.5	0.0	3.5	0.0	0.0	24.5	0.0	38.0	4.0
10	19.0	19.0	0.0	10.5	5.5	0.0	0.0	0.0	3.0	15.0	5.5	2.0
11	0.0	0.0	0.0	2.5	7.0	0.0	0.0	3.0	41.0	6.5	0.0	1.0
12	0.0	8.0	0.0	31.0	0.0	14.0	0.0	10.0	16.0	51.0	16.0	20.0
13	0.0	0.0	0.0	0.0	49.0	52.0	2.5	0.0	8.0	7.0	13.0	2.5
14	2.0	0.0	0.0	4.0	0.0	3.0	0.0	14.0	0.0	15.0	54.0	3.0
15	49.0	0.0	0.0	6.0	0.0	1.5	0.0	17.0	9.0	0.0	14.5	0.0
16	0.0	0.0	0.0	2.5	0.0	4.0	0.0	2.5	21.5	0.0	10.5	2.0
17	24.0	4.5	0.0	0.0	4.0	27.0	0.0	2.0	8.0	10.0	4.0	6.0
18	0.0	0.0	0.0	1.0	0.0	30.0	0.0	0.0	36.0	0.0	0.0	8.0
19	0.0	0.0	0.0	0.0	38.0	1.0	0.0	31.0	5.0	0.0	0.0	6.5
20	10.0	0.0	0.0	48.0	12.0	0.0	2.5	14.0	4.0	0.0	1.0	0.0
21	1.5	0.0	0.0	0.0	0.0	0.0	12.0	10.0	0.0	8.0	26.5	1.5
22	0.0	0.0	0.0	15.0	0.0	10.0	0.0	0.0	0.0	0.0	2.5	1.0
23	0.0	0.0	0.0	4.0	16.0	4.0	0.0	2.0	8.0	0.0	0.0	1.0
24	0.0	21.0	1.5	15.5	0.0	52.0	18.0	10.0	0.0	16.0	16.0	34.0
25	0.0	52.0	0.0	0.0	2.0	4.0	0.0	8.0	0.0	1.0	17.0	5.0
26	0.0	23.0	0.0	16.0	34.0	0.0	0.0	21.0	0.0	0.0	0.0	18.5
27	0.0	4.0	1.0	5.0	49.0	2.0	0.0	1.5	0.0	6.0	0.0	2.0
28	0.0	0.0	2.0	1.5	0.0	2.5	0.0	5.0	1.5	4.0	4.0	65.0
29	0.0	0.0	0.0	18.0	20.5	5.0	2.0	40.5	26.5	2.0	8.5	16.0
30	0.0	0.0	0.0	12.0	0.0	0.0	4.0	30.0	12.0	12.0	22.5	43.0
31	0.0	0.0	6.0	0.0	1.0	0.0	1.0	8.0	0.0	20.0	0.0	2.0
Total	160.5	182.5	55.5	300.0	260.5	238.0	124.5	257.5	238.5	322.5	331.5	350.0
D. Ll.	12	9	6	21	18	20	13	24	19	20	21	28
TOTALES ANUALES							2821.5				211	Días lluvia

ESTACION: EL ROCIO MUNICIPIO: GUIMBAYA AÑO: 1.988

ALTITUD 1.400 LATITUD: 4-34 N. LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0	2.0	4.0	24.0	3.0
2	10.0	31.0	0.0	48.0	0.0	0.0	49.0	0.0	1.0	0.0	22.0	0.0
3	0.0	0.0	0.0	0.0	4.0	0.0	25.0	26.0	0.0	6.0	0.0	41.0
4	20.0	0.0	0.0	52.0	0.0	2.0	13.0	0.0	0.0	0.0	18.0	13.0
5	36.0	0.0	0.0	0.0	8.0	0.0	0.0	4.0	3.0	53.0	26.0	19.0
6	6.0	0.0	0.0	0.0	3.0	3.0	2.0	6.0	0.0	45.0	22.0	3.0
7	8.0	0.0	0.0	0.0	7.0	0.0	15.0	0.0	10.0	17.0	26.0	2.0
8	0.0	33.0	44.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	27.0	4.0
9	24.0	24.0	0.0	13.0	17.0	3.0	0.0	0.0	3.0	9.0	9.0	3.0
10	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	54.0	4.0	4.0	0.0
11	1.0	9.0	0.0	40.0	0.0	0.0	0.0	0.0	13.0	48.0	3.0	4.0
12	0.0	0.0	0.0	0.0	48.0	62.0	0.0	0.0	0.0	9.0	11.0	9.0
13	50.0	0.0	0.0	4.0	0.0	3.0	0.0	26.0	0.0	13.0	30.0	5.0
14	0.0	0.0	0.0	5.0	0.0	0.0	0.0	30.0	0.0	0.0	17.0	0.0
15	0.0	0.0	0.0	8.0	0.0	5.0	0.0	0.0	39.0	0.0	38.0	0.0
16	0.0	0.0	0.0	0.0	3.0	0.0	3.0	3.0	9.0	12.0	15.0	6.0
17	0.0	0.0	0.0	0.0	1.0	59.0	0.0	1.0	48.0	0.0	11.0	11.0
18	0.0	4.0	0.0	0.0	33.0	0.0	0.0	36.0	9.0	0.0	0.0	9.0
19	1.0	0.0	0.0	48.0	10.0	0.0	0.0	12.0	3.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	1.0	0.0	10.0	12.0	0.0	18.0	27.0	0.0
21	0.0	0.0	3.0	12.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	5.0	15.0	5.0	2.0	4.0	16.0	0.0	2.0	0.0
23	0.0	22.0	0.0	30.0	0.0	56.0	18.0	9.0	0.0	0.0	16.0	30.0
24	0.0	47.0	0.0	3.0	4.0	0.0	1.0	0.0	0.0	6.0	16.0	0.0
25	0.0	54.0	0.0	14.0	20.0	0.0	0.0	19.0	0.0	1.0	0.0	23.0
26	0.0	3.0	0.0	0.0	53.0	4.0	0.0	1.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	5.0	0.0	34.0	5.0	18.0	0.0	114.0
28	0.0	0.0	0.0	21.0	27.0	5.0	3.0	24.0	22.0	0.0	14.0	28.0
29	0.0	0.0	0.0	11.0	0.0	1.0	0.0	8.0	12.0	0.0	30.0	32.0
30	0.0	0.0	16.0	0.0	0.0	3.0	3.0	20.0	53.0	0.0	24.0	15.0
31	0.0	0.0	0.0	0.0	23.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0
Total	156.0	227.0	63.0	320.0	286.0	229.0	149.0	279.0	325.0	273.0	432.0	374.0
D. Ll.	9	9	3	16	18	16	13	19	18	16	23	20
TOTALES ANUALES							3113.0				180	Días lluvia

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

ESTACION: LA ESPERANZA **MUNICIPIO:** FILANDIA **AÑO:** 1.988

ALTITUD: 1.700 **LATITUD:** 4-38 N **LONGITUD:** 75-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		0.0	0.0	0.0	0.0		2.0	0.0	0.0	1.0	5.0	46.0
2		0.0	61.0	38.0	4.0		4.0	0.0	0.0	5.0	1.0	34.0
3		0.0	40.0	0.0	6.0		34.0	0.0	10.0	1.0	0.0	73.0
4		0.0	0.0	1.0	8.0		15.0	0.0	19.0	0.0	1.0	27.0
5		6.0	0.0	59.0	10.0		13.0	0.0	0.0	5.0	8.0	1.0
6		7.0	0.0	0.0	4.0		0.0	11.0	0.0	6.0	26.0	6.0
7		10.0	0.0	1.0	0.0		0.0	14.0	0.0	20.0	2.0	1.0
8		12.0	0.0	3.0	6.0		0.0	0.0	33.0	0.0	25.0	0.0
9		0.0	0.0	25.0	0.0		0.0	0.0	20.0	6.0	20.0	3.0
10		0.0	0.0	64.0	43.0		0.0	0.0	36.0	25.0	1.0	21.0
11		0.0	0.0	1.0	5.0		0.0	17.0	21.0	37.0	2.0	8.0
12		0.0	0.0	1.0	0.0		0.0	7.0	7.0	18.0	9.0	17.0
13		0.0	0.0	9.0	10.0		0.0	0.0	0.0	12.0	34.0	1.0
14		0.0	0.0	55.0	11.0		0.0	0.0	0.0	1.0	39.0	0.0
15		0.0	0.0	30.0	20.0		0.0	30.0	0.0	1.0	8.0	0.0
16		0.0	0.0	0.0	0.0		0.0	4.0	0.0	11.0	1.0	7.0
17		0.0	0.0	8.0	25.0		2.0	2.0	27.0	1.0	7.0	4.0
18		0.0	0.0	13.0	5.0	0.0	0.0	12.0	0.0	0.0	2.0	0.0
19		0.0	0.0	0.0	10.0	0.0	0.0	21.0	0.0	0.0	22.0	0.0
20		0.0	0.0	6.0	17.0	0.0	0.0	19.0	17.0	0.0	25.0	0.0
21		0.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0	7.0	6.0
22		0.0	0.0	0.0	13.0	24.0	0.0	23.0	0.0	1.0	0.0	26.0
23		0.0	0.0	0.0	15.0	6.0	0.0	10.0	6.0	10.0	16.0	10.0
24		0.0	0.0	10.0	8.0	33.0	2.0	3.0	0.0	1.0	83.0	42.0
25		0.0	0.0	0.0	9.0	5.0	1.0	33.0	0.0	0.0	1.0	5.0
26		0.0	0.0	1.0	70.0	3.0	6.0	1.0	0.0	3.0	1.0	16.0
27		0.0	2.0	2.0	43.0	10.0	0.0	1.0	17.0	10.0	15.0	70.0
28		0.0	0.0	8.0	152.0	2.0	0.0	0.0	28.0	5.0	11.0	0.0
29		0.0	21.0	5.0	0.0	3.0	11.0	20.0	25.0	2.0	12.0	1.0
30		0.0	11.0	5.0	36.0	0.0	18.0	23.0	25.0	34.0	43.0	21.0
31		0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	67.0	0.0	70.0
Total		35.0	135.0	350.0	530.0		108.0	267.0	293.0	283.0	427.0	516.0
D. Ll.		4	5	22	23		11	19	15	24	28	24
TOTALES ANUALES								mm.				Días lluvia

ESTACION: LA ILUSION **MUNICIPIO:** CIRCASIA **AÑO:** 1.988

ALTITUD: 1.500 **LATITUD:** 4-36 N. **LONGITUD:** 75-39 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	1.0	9.0	0.0	4.0	2.0	0.0	10.0	4.0	40.0
2	0.0	0.0	0.0	30.0	18.0	0.0	10.0	1.0	0.0	15.0	0.0	37.0
3	0.0	0.0	0.0	0.0	9.0	0.0	30.0	7.0	0.0	21.0	6.0	42.0
4	5.0	1.0	0.0	0.0	0.0	0.0	11.0	4.0	0.0	4.0	7.0	37.0
5	15.0	0.0	0.0	70.0	28.0	25.0	40.0	5.0	0.0	4.0	9.0	26.0
6	0.0	0.0	0.0	24.0	11.0	0.0	2.0	7.0	0.0	5.0	9.0	41.0
7	0.0	0.0	0.0	0.0	40.0	0.0	0.0	4.0	10.0	8.0	1.0	15.0
8	0.0	72.0	40.0	0.0	50.0	0.0	0.0	11.0	0.0	1.0	8.0	7.0
9	0.0	0.0	0.0	28.0	20.0	0.0	0.0	9.0	10.0	0.0	6.0	10.0
10	0.0	17.0	30.0	9.0	10.0	5.0	0.0	10.0	0.0	20.0	0.0	40.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	8.0	14.0	19.0
12	0.0	0.0	0.0	75.0	26.0	20.0	0.0	6.0	0.0	5.0	2.0	7.0
13	0.0	0.0	0.0	14.0	0.0	8.0	0.0	8.0	0.0	20.0	5.0	15.0
14	0.0	2.0	0.0	7.0	28.0	0.0	0.0	10.0	10.0	6.0	10.0	25.0
15	0.0	0.0	0.0	21.0	0.0	4.0	0.0	5.0	0.0	0.0	55.0	0.0
16	0.0	4.0	0.0	7.0	0.0	3.0	0.0	3.0	0.0	11.0	21.0	0.0
17	3.0	15.0	0.0	0.0	0.0	7.0	0.0	4.0	0.0	1.0	22.0	0.0
18	0.0	0.0	0.0	8.0	0.0	0.0	0.0	18.0	0.0	0.0	7.0	20.0
19	5.0	0.0	0.0	7.0	9.0	13.0	0.0	4.0	0.0	1.0	9.0	2.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	38.0	0.0
21	0.0	0.0	9.0	20.0	9.0	0.0	0.0	0.0	47.0	4.0	6.0	15.0
22	0.0	0.0	0.0	10.0	0.0	5.0	0.0	1.0	0.0	8.0	0.0	25.0
23	9.0	10.0	0.0	11.0	25.0	10.0	10.0	3.0	0.0	0.0	0.0	17.0
24	0.0	0.0	0.0	40.0	0.0	15.0	0.0	2.0	7.0	10.0	5.0	3.0
25	0.0	20.0	0.0	0.0	46.0	10.0	0.0	1.0	4.0	1.0	40.0	21.0
26	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	3.0	27.0	4.0
27	3.0	0.0	0.0	0.0	25.0	6.0	0.0	0.0	20.0	9.0	40.0	12.0
28	0.0	0.0	12.0	17.0	0.0	5.0	0.0	0.0	3.0	1.0	15.0	30.0
29	0.0	10.0	0.0	47.0	34.0	10.0	0.0	1.0	15.0	0.0	11.0	2.0
30	0.0	0.0	0.0	0.0	40.0	10.0	20.0	0.0	8.0	1.0	22.0	4.0
31	1.0	0.0	0.0	0.0	5.0	0.0	3.0	0.0	0.0	3.0	0.0	30.0
Total	41.0	161.0	91.0	446.0	442.0	156.0	130.0	144.0	161.0	180.0	399.0	546.0
D. Ll.	7	10	4	19	19	16	9	25	11	25	26	27
TOTALES ANUALES							2897.0 mm.				198	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:** 1.988

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	5.0	90.0	0.0	22.0	0.0	5.0	15.0	2.0
2	0.0	0.0	0.0	5.0	0.0	0.0	10.0	25.0	0.0	15.0	4.0	0.0
3	3.0	0.0	0.0	35.0	20.0	0.0	24.0	0.0	25.0	10.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	10.0
5	0.0	0.0	0.0	80.0	0.0	0.0	32.0	0.0	18.0	3.0	10.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	18.0	45.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	6.0	12.0	32.0	12.0
8	0.0	12.0	35.0	0.0	20.0	0.0	0.0	6.0	0.0	9.0	3.0	2.0
9	8.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	2.0	0.0
10	0.0	38.0	0.0	35.0	25.0	0.0	0.0	5.0	0.0	0.0	32.0	0.0
11	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	40.0	16.0	2.0	0.0
12	0.0	0.0	0.0	55.0	25.0	18.0	10.0	15.0	15.0	5.0	28.0	5.0
13	0.0	15.0	0.0	0.0	20.0	23.0	0.0	0.0	10.0	8.0	50.0	0.0
14	0.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0	0.0	10.0	4.0	5.0
15	20.0	0.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	0.0	21.0	0.0
16	8.0	0.0	0.0	0.0	3.0	3.0	0.0	20.0	0.0	0.0	6.0	6.0
17	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	5.0	0.0	0.0
18	8.0	0.0	0.0	0.0	10.0	20.0	0.0	0.0	44.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	48.0	0.0	0.0	40.0	3.0	0.0	0.0	3.0
20	0.0	0.0	0.0	29.0	0.0	0.0	0.0	5.0	2.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	40.0	0.0	0.0	18.0	0.0	25.0	4.0	8.0
22	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	20.0
23	0.0	3.0	0.0	0.0	14.0	2.0	3.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	28.0	0.0	20.0	0.0	4.0	0.0	12.0	0.0	0.0
25	7.0	58.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	8.0	2.0
26	0.0	5.0	0.0	5.0	10.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0
27	0.0	3.0	0.0	20.0	65.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
28	0.0	0.0	0.0	0.0	5.0	5.0	24.0	3.0	0.0	13.0	0.0	12.0
29	0.0	0.0	30.0	20.0	10.0	20.0	0.0	15.0	18.0	0.0	6.0	0.0
30	0.0	0.0	0.0	5.0	0.0	0.0	0.0	12.0	10.0	50.0	12.0	30.0
31	0.0	0.0	4.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0
Total	60.0	136.0	79.0	332.0	320.0	231.0	136.0	262.0	232.0	216.0	284.0	157.0
D. LI.	7	8	4	13	15	12	8	20	14	16	18	14

TOTALES ANUALES 2445.0 mm. 149 Días lluvia

ESTACION: LA JULIA **MUNICIPIO:** MONTENEGRO **AÑO:** 1.988

ALTITUD: 1.320 **LATITUD:** 4-34 N. **LONGITUD:** 75-45 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	3.0	21.0	0.0	3.0	2.0	38.0	21.0	5.0
2	2.0	0.0	0.0	9.0	0.0	3.0	11.0	2.0	0.0	5.0	6.0	14.0
3	0.0	0.0	0.0	31.0	0.0	0.0	29.0	1.0	11.0	4.0	0.0	9.0
4	0.0	0.0	0.0	0.0	3.0	0.0	14.0	0.0	4.0	0.0	0.0	18.0
5	6.0	0.0	0.0	83.0	0.0	0.0	52.0	0.0	0.0	0.0	23.0	2.0
6	0.0	0.0	0.0	3.0	17.0	8.0	0.0	4.0	0.0	25.0	3.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	2.0	7.0	8.0	45.0	40.0	14.0
8	0.0	43.0	53.0	0.0	0.0	0.0	0.0	6.0	0.0	3.0	0.0	0.0
9	0.0	0.0	18.0	2.0	3.0	1.0	0.0	0.0	33.0	0.0	24.0	0.0
10	1.0	16.0	0.0	17.0	9.0	0.0	0.0	2.0	0.0	0.0	17.0	14.0
11	0.0	2.0	0.0	0.0	6.0	4.0	0.0	3.0	23.0	26.0	0.0	7.0
12	0.0	3.0	0.0	60.0	0.0	15.0	2.0	2.0	29.0	16.0	26.0	1.0
13	0.0	0.0	0.0	0.0	2.0	16.0	4.0	0.0	17.0	6.0	18.0	3.0
14	0.0	3.0	0.0	2.0	0.0	5.0	0.0	0.0	0.0	14.0	37.0	2.0
15	10.0	0.0	0.0	10.0	0.0	3.0	0.0	4.0	6.0	0.0	23.0	0.0
16	0.0	0.0	0.0	4.0	0.0	4.0	0.0	20.0	8.0	2.0	8.0	6.0
17	0.0	0.0	0.0	0.0	10.0	0.0	0.0	3.0	5.0	6.0	0.0	5.0
18	0.0	0.0	0.0	1.0	0.0	12.0	0.0	6.0	8.0	0.0	0.0	3.0
19	0.0	0.0	0.0	0.0	12.0	0.0	0.0	14.0	15.0	0.0	0.0	5.0
20	10.0	0.0	0.0	15.0	0.0	8.0	0.0	7.0	4.0	0.0	29.0	0.0
21	2.0	0.0	0.0	0.0	21.0	0.0	0.0	10.0	3.0	0.0	16.0	0.0
22	2.0	0.0	0.0	11.0	0.0	23.0	0.0	0.0	3.0	0.0	13.0	49.0
23	0.0	6.0	0.0	40.0	2.0	4.0	0.0	0.0	0.0	0.0	0.0	3.0
24	0.0	0.0	0.0	31.0	0.0	43.0	9.0	11.0	0.0	14.0	3.0	0.0
25	8.0	29.0	0.0	0.0	1.0	4.0	4.0	0.0	0.0	2.0	55.0	12.0
26	0.0	12.0	0.0	4.0	38.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	10.0	41.0	0.0	0.0	0.0	0.0	14.0	3.0	9.0
28	1.0	0.0	0.0	0.0	0.0	22.0	0.0	7.0	3.0	12.0	11.0	46.0
29	1.0	0.0	0.0	65.0	24.0	3.0	15.0	37.0	43.0	3.0	7.0	36.0
30	0.0	0.0	0.0	7.0	0.0	1.0	0.0	17.0	21.0	29.0	51.0	37.0
31	0.0	0.0	0.0	0.0	4.0	0.0	0.0	5.0	0.0	6.0	0.0	6.0
Total	43.0	114.0	71.0	405.0	196.0	200.0	142.0	199.0	246.0	270.0	434.0	306.0
D. LI.	10	8	2	19	16	19	10	22	19	19	21	23

TOTALES ANUALES 2626.0 mm. 188 Días lluvia

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

ESTACION: MILAN **MUNICIPIO:** MONTENEGRO **AÑO:** 1.988

ALTITUD: 1.300 **LATITUD:** 4-29 N. **LONGITUD:** 75-48 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	9.0	16.0	0.0	11.0				
2	0.0	0.0	0.0	10.0	0.0	4.0	23.0	0.0				
3	5.0	0.0	0.0	39.0	6.0	0.0	39.0	0.0				
4	0.0	0.0	0.0	0.0	2.0	0.0	15.0	8.0				
5	2.0	0.0	0.0	74.0	6.0	0.0	14.0	0.0				
6	0.0	0.0	0.0	2.0	0.0	0.0	5.0	3.0				
7	0.0	0.0	25.0	0.0	24.0	0.0	0.0	4.0				
8	0.0	18.0	12.0	0.0	32.0	0.0	0.0	0.0				
9	9.0	0.0	18.0	2.0	0.0	0.0	0.0	0.0				
10	0.0	23.0	0.0	29.0	34.0	0.0	0.0	4.0				
11	0.0	5.0	0.0	0.0	0.0	0.0	1.0	6.0				
12	0.0	2.0	0.0	10.0	30.0	14.0	14.0	3.0				
13	0.0	5.0	0.0	37.0	20.0	0.0	25.0	0.0				
14	2.0	0.0	0.0	0.0	0.0	8.0	0.0	2.0				
15	59.0	0.0	0.0	24.0	0.0	19.0	0.0	19.0				
16	4.0	0.0	0.0	12.0	0.0	9.0	0.0	11.0				
17	5.0	0.0	0.0	15.0	8.0	0.0	0.0	10.0				
18	23.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0				
19	11.0	0.0	0.0	0.0	6.0	3.0	0.0	14.0				
20	0.0	0.0	0.0	0.0	0.0	13.0	0.0	16.0				
21	0.0	0.0	0.0	0.0	14.0	0.0	0.0	25.0				
22	0.0	1.0	0.0	6.0	0.0	28.0	0.0	0.0				
23	0.0	0.0	0.0	43.0	0.0	5.0	10.0	0.0				
24	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0				
25	13.0	11.0	0.0	14.0	0.0	13.0	4.0	45.0				
26	0.0	5.0	0.0	0.0	1.0	0.0	28.0	0.0				
27	0.0	7.0	0.0	0.0	15.0	10.0	0.0	3.0				
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0				
29	0.0	0.0	1.0	16.0	16.0	33.0	0.0	21.0				
30	0.0	0.0	0.0	0.0	0.0	0.0	9.0	30.0				
31	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0				
Total	133.0	77.0	56.0	333.0	226.0	213.0	187.0	244.0				
D. LL.	10	9	4	15	16	15	12	19				

TOTALES ANUALES mm. Dias lluvia

ESTACION: LA PRADERA **MUNICIPIO:** ARMENIA **AÑO:** 1.988

ALTITUD: 1.350 **LATITUD:** 4-28 N. **LONGITUD:** 75-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	3.0	5.0	13.0	33.0
2	12.0	0.0	0.0	38.0	0.0	0.0	18.0	0.0	2.0	23.0	5.0	8.0
3	0.0	20.0	0.0	15.0	0.0	0.0	31.0	0.0	1.0	0.0	0.0	12.0
4	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	4.0
5	10.0	0.0	0.0	58.0	0.0	0.0	5.0	0.0	0.0	0.0	6.0	5.0
6	0.0	0.0	0.0	6.0	18.0	0.0	4.0	4.0	4.0	34.0	12.0	7.0
7	0.0	0.0	0.0	0.0	5.0	5.0	6.0	20.0	50.0	0.0	3.0	26.0
8	0.0	5.0	68.0	0.0	4.0	0.0	0.0	18.0	0.0	5.0	4.0	0.0
9	0.0	0.0	35.0	8.0	0.0	0.0	0.0	5.0	35.0	0.0	0.0	0.0
10	0.0	9.0	0.0	26.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
11	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	15.0	8.0	6.0	0.0
12	0.0	8.0	0.0	52.0	0.0	0.0	6.0	0.0	33.0	13.0	28.0	0.0
13	2.0	3.0	0.0	3.0	2.0	5.0	0.0	0.0	8.0	6.0	17.0	0.0
14	8.0	0.0	0.0	9.0	0.0	26.0	0.0	2.0	0.0	7.0	18.0	0.0
15	29.0	0.0	0.0	40.0	0.0	3.0	0.0	0.0	0.0	0.0	5.0	0.0
16	3.0	0.0	0.0	5.0	0.0	6.0	0.0	3.0	0.0	0.0	26.0	0.0
17	50.0	0.0	0.0	0.0	6.0	0.0	0.0	8.0	0.0	12.0	0.0	0.0
18	3.0	0.0	0.0	0.0	3.0	10.0	0.0	1.0	58.0	0.0	12.0	5.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	23.0	0.0
20	0.0	0.0	0.0	53.0	0.0	0.0	0.0	3.0	6.0	0.0	40.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	18.0	20.0
22	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	24.0	3.0
23	0.0	5.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	2.0
24	0.0	4.0	0.0	43.0	2.0	30.0	0.0	0.0	8.0	70.0	15.0	35.0
25	0.0	20.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0	8.0	4.0	2.0
26	0.0	6.0	0.0	32.0	0.0	0.0	0.0	24.0	0.0	3.0	0.0	25.0
27	0.0	5.0	0.0	8.0	75.0	0.0	0.0	2.0	0.0	5.0	0.0	9.0
28	0.0	0.0	0.0	25.0	0.0	0.0	0.0	3.0	0.0	0.0	13.0	0.0
29	0.0	0.0	20.0	15.0	13.0	10.0	5.0	22.0	20.0	0.0	3.0	0.0
30	0.0	0.0	0.0	3.0	0.0	0.0	3.0	18.0	8.0	38.0	52.0	3.0
31	0.0	0.0	0.0	0.0	2.0	0.0	4.0	5.0	0.0	2.0	0.0	0.0
Total	117.0	85.0	123.0	442.0	133.0	139.0	95.0	211.0	251.0	239.0	347.0	204.0
D. LL.	8	10	3	19	11	12	11	18	14	15	22	17

TOTALES ANUALES 2386.0 mm 160 Dias lluvia

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

ESTACION: TUCUMAN **MUNICIPIO:** ARMENIA **AÑO:** 1.988

ALTITUD: 1.250 **LATITUD:** 4-32 N. **LONGITUD:** 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	50.0		27.0	0.0	0.0	20.0	8.0
2	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	60.0	3.0	3.0
3	5.5	0.0	0.0	18.0	0.0	0.0		0.0	0.0	0.0	0.0	7.0
4	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	18.0	15.0
5	3.0	0.0	0.0	110.0	0.0	15.0		0.0	0.0	0.0	33.0	0.0
6	0.0	0.0	0.0	5.0	10.0	0.0		0.0	0.0	20.0	30.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0		14.0	0.0	0.0	29.0	19.0
8	0.0	16.0	59.0	0.0	0.0	0.0		5.0	0.0	0.0	0.0	5.0
9	0.0	0.0	0.0	0.0	0.0	0.0		0.0	20.0	0.0	3.0	0.0
10	0.0	10.0	0.0	30.0	20.0	0.0		0.0	0.0	0.0	40.0	0.0
11	0.0	1.0	0.0	0.0	0.0	0.0		0.0	45.0	0.0	0.0	5.0
12	0.0	0.0	0.0	51.0	0.0	65.0		0.0	10.0	29.0	50.0	10.0
13	0.0	0.0	0.0	0.0	0.0	20.0		0.0	13.0	0.0	31.0	2.0
14	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	20.0	15.0	0.0
15	24.0	0.0	0.0	22.0	0.0	0.0		0.0	0.0	0.0	17.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0		15.0	24.0	0.0	10.0	0.0
17	3.0	0.0	0.0	0.0	13.0	0.0		0.0	0.0	15.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0		0.0	26.0	0.0	0.0	15.0
19	0.0	0.0	0.0	0.0	35.0	0.0		0.0	28.0	0.0	0.0	1.0
20	0.0	0.0	0.0	11.0	0.0	0.0		0.0	0.0	0.0	20.0	8.0
21	0.0	0.0	0.0	0.0	32.0	0.0		15.0	0.0	0.0	15.0	10.0
22	0.0	0.0	0.0	0.0	0.0	45.0		0.0	0.0	0.0	0.0	0.0
23	0.0	15.0	0.0	20.0	0.0	0.0		0.0	0.0	0.0	0.0	5.0
24	0.0	1.5	0.0	30.0	0.0	60.0		0.0	0.0	0.0	18.0	7.0
25	14.0	26.0	0.0	0.0	0.0	0.0		0.0	0.0	10.0	40.0	0.0
26	0.0	10.0	0.0	10.0	37.0	0.0		10.0	0.0	20.0	0.0	0.0
27	0.0	0.0	0.0	13.0	28.0	0.0		0.0	0.0	0.0	0.0	40.0
28	0.0	0.0	0.0	0.0	0.0	10.0		0.0	25.0	30.0	23.0	42.0
29	0.0	0.0	0.0	35.0	34.0	5.0		25.0	25.0	0.0	6.0	22.0
30	0.0	0.0	0.0	10.0	0.0	0.0		22.0	0.0	0.0	30.0	18.0
31	0.0	0.0	0.0	0.0	0.0	0.0		9.0	0.0	20.0	0.0	35.0
Total	49.5	79.5	59.0	365.0	209.0	270.0		142.0	216.0	224.0	451.0	277.0
D. Ll.	5	7	1	13	8	8		9	9	9	20	20
TOTALES ANUALES								mm.				Dias lluvia

ESTACION: EL PARAISO **MUNICIPIO:** CALARCA **AÑO:** 1.988

ALTITUD: 1.400 **LATITUD:** 4-30 N. **LONGITUD:** 75-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	10.0	29.0		3.0	4.0	11.0	7.0	43.0
2	2.0	0.0	0.0	19.0	1.0	4.0		5.0	0.0	5.0	41.0	25.0
3	0.0	0.0	0.0	32.0	3.0	0.0		1.0	0.0	0.0	0.0	15.0
4	0.0	0.0	0.0	0.0	5.0	0.0		0.0	3.0	3.0	0.0	20.0
5	5.0	0.0	0.0	54.0	0.0	0.0		0.0	0.0	4.0	4.0	13.0
6	0.0	0.0	0.0	7.0	1.0	0.0		0.0	58.0	39.0	2.0	0.0
7	0.0	0.0	0.0	0.0	1.0	0.0		6.0	51.0	2.0	5.0	35.0
8	0.0	6.0	50.0	0.0	0.0	0.0		19.0	0.0	3.0	6.0	2.0
9	0.0	3.0	45.0	12.0	0.0	0.0		0.0	32.0	0.0	2.0	0.0
10	0.0	12.0	0.0	49.0	1.0	1.0		17.0	4.0	0.0	16.0	0.0
11	0.0	4.0	0.0	4.0	4.0	15.0		7.0	34.0	4.0	0.0	0.0
12	0.0	0.0	0.0	50.0	0.0	0.0		5.0	30.0	42.0	3.0	2.0
13	0.0	0.0	0.0	2.0	0.0	16.0		2.0	17.0	6.0	20.0	0.0
14	0.0	0.0	0.0	14.0	0.0	1.0		3.0	0.0	0.0	65.0	0.0
15	0.0	0.0	0.0	45.0	2.0	7.0		4.0	0.0	0.0	50.0	0.0
16	2.0	0.0	0.0	4.0	0.0	16.0		0.0	0.0	0.0	46.0	0.0
17	9.0	0.0	0.0	0.0	2.0	7.0		6.0	9.0	0.0	0.0	0.0
18	2.0	0.0	0.0	1.0	0.0	6.0		0.0	26.0	24.0	0.0	18.0
19	1.0	0.0	0.0	0.0	1.0	2.0		21.0	2.0	0.0	52.0	1.0
20	0.0	0.0	0.0	50.0	0.0	0.0		9.0	9.0	0.0	25.0	0.0
21	0.0	0.0	0.0	2.0	5.0	0.0		13.0	0.0	0.0	27.0	15.0
22	0.0	0.0	0.0	0.0	0.0	19.0		3.0	3.0	0.0	17.0	39.0
23	0.0	30.0	0.0	0.0	0.0	8.0		0.0	0.0	0.0	0.0	14.0
24	6.0	0.0	0.0	7.0	0.0	59.0		0.0	0.0	45.0	8.0	44.0
25	0.0	39.0	0.0	0.0	5.0	7.0		0.0	0.0	16.0	15.0	28.0
26	0.0	7.0	0.0	15.0	7.0	2.0		26.0	9.0	0.0	0.0	0.0
27	0.0	10.0	0.0	11.0	42.0	0.0		4.0	0.0	0.0	0.0	19.0
28	0.0	1.0	0.0	1.0	0.0	0.0		0.0	0.0	0.0	34.0	0.0
29	5.0	0.0	0.0	8.0	54.0	7.0		27.0	11.0	0.0	18.0	5.0
30	0.0	0.0	0.0	7.0	0.0	0.0		21.0	8.0	35.0	34.0	0.0
31	0.0	0.0	0.0	0.0	4.0	0.0		8.0	0.0	3.0	0.0	3.0
Total	32.0	112.0	95.0	394.0	148.0	206.0		210.0	310.0	242.0	497.0	341.0
D. Ll.	8	9	2	21	17	17		21	17	15	22	18
TOTALES ANUALES								mm.				Dias lluvia

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

ESTACION: LA ARGENTINA MUNICIPIO: LA TEBAIDA AÑO: 1.988

ALTITUD: 1.200 LATITUD: 4-26 N. LONGITUD: 75-46 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	8.0	0.0	2.0	2.0	1.0	2.0	5.0	0.0
2	3.0	0.0	0.0	40.0	0.0	11.0	0.0	11.0	7.0	2.0	46.0	1.0
3	0.0	0.0	0.0	94.0	2.0	2.0	34.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	10.0	0.0	0.0	2.0	0.0	0.0	0.0	42.0	10.0
5	7.0	0.0	0.0	99.0	3.0	0.0	17.0	0.0	0.0	8.0	9.0	1.0
6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
7	0.0	0.0	0.0	0.0	43.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0
8	0.0	41.0	30.0	0.0	8.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
9	0.0	2.0	29.0	28.0	0.0	0.0	0.0	18.0	46.0	0.0	0.0	0.0
10	0.0	22.0	0.0	58.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
11	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	36.0	19.0	0.0
12	0.0	0.0	0.0	15.0	30.0	6.0	8.0	0.0	21.0	0.0	39.0	3.0
13	0.0	0.0	0.0	3.0	16.0	4.0	0.0	0.0	5.0	0.0	12.0	0.0
14	0.0	0.0	0.0	15.0	0.0	2.0	0.0	0.0	0.0	22.0	14.0	0.0
15	13.0	3.0	0.0	37.0	0.0	12.0	0.0	0.0	0.0	0.0	12.0	25.0
16	0.0	0.0	0.0	0.0	0.0	6.0	0.0	6.0	0.0	5.0	40.0	42.0
17	27.0	0.0	0.0	8.0	4.0	4.0	0.0	2.0	0.0	10.0	2.0	4.0
18	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	15.0	0.0	0.0	11.0
19	0.0	0.0	0.0	0.0	22.0	2.0	0.0	15.0	0.0	0.0	0.0	2.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	4.0	0.0	0.0	1.0
21	0.0	0.0	0.0	45.0	0.0	3.0	0.0	54.0	0.0	0.0	0.0	18.0
22	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	2.0	0.0	12.0
23	0.0	0.0	0.0	36.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	86.0	0.0	8.0	0.0	35.0	0.0	23.0
25	0.0	37.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	52.0	3.0
26	0.0	7.0	0.0	22.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	10.0
27	0.0	0.0	0.0	0.0	51.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
28	0.0	0.0	11.0	2.0	0.0	0.0	6.0	0.0	20.0	0.0	26.0	45.0
29	0.0	0.0	0.0	6.0	10.0	0.0	0.0	11.0	39.0	0.0	40.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	58.0	5.0	18.0
31	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
Total	51.0	120.0	70.0	518.0	217.0	171.0	80.0	182.0	182.0	180.0	367.0	252.0
D. Ll.	5	7	3	16	13	13	8	11	12	10	16	20

TOTALES ANUALES 2390.0 mm. 134 Días lluvia

ESTACION: LA MIRANDA MUNICIPIO: LA TEBAIDA AÑO: 1.988

ALTITUD: 1.220 LATITUD: 4-26 N. LONGITUD: 75-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	4.0	5.0	0.0	1.0	1.0	29.0	21.0	
2	14.0	0.0	0.0	22.0	0.0	2.0	5.0	3.0	1.0	13.0	10.0	
3	0.0	0.0	0.0	30.0	0.0	0.0	27.0	1.0	8.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	13.0	0.0	15.0	0.0	0.0	0.0	1.0	
5	0.0	0.0	0.0	70.0	17.0	0.0	10.0	0.0	19.0	0.0	8.0	
6	0.0	0.0	0.0	3.0	0.0	0.0	3.0	2.0	6.0	40.0	61.0	
7	0.0	0.0	0.0	0.0	22.0	0.0	1.0	4.0	1.0	2.0	25.0	
8	0.0	0.0	20.0	5.0	11.0	0.0	0.0	3.0	1.0	0.0	22.0	
9	2.0	11.0	35.0	5.0	0.0	0.0	0.0	0.0	23.0	0.0	15.0	
10	0.0	30.0	0.0	73.0	26.0	0.0	0.0	1.0	1.0	0.0	94.0	
11	0.0	20.0	0.0	22.0	0.0	0.0	1.0	10.0	5.0	10.0	25.0	
12	0.0	15.0	0.0	30.0	0.0	14.0	12.0	0.0	16.0	15.0	8.0	
13	0.0	25.0	0.0	0.0	23.0	6.0	0.0	0.0	7.0	9.0	10.0	
14	0.0	0.0	0.0	11.0	0.0	0.0	0.0	15.0	0.0	5.0	15.0	
15	1.0	0.0	0.0	0.0	0.0	7.0	0.0	2.0	0.0	0.0	30.0	
16	10.0	0.0	0.0	32.0	0.0	9.0	0.0	18.0	0.0	0.0	39.0	
17	14.0	0.0	0.0	0.0	20.0	0.0	0.0	4.0	4.0	6.0	0.0	
18	8.0	0.0	0.0	0.0	0.0	10.0	34.0	0.0	21.0	0.0	1.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	1.0	0.0	0.0	
20	0.0	0.0	0.0	10.0	16.0	0.0	0.0	6.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	29.0	0.0	0.0	58.0	8.0	8.0	5.0	
22	0.0	1.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	15.0	
23	0.0	0.0	0.0	18.0	0.0	4.0	0.0	0.0	0.0	0.0	8.0	
24	1.0	33.0	0.0	22.0	0.0	40.0	4.0	10.0	3.0	27.0	12.0	
25	0.0	0.0	0.0	0.0	2.0	0.0	10.0	1.0	0.0	1.0	25.0	
26	0.0	10.0	0.0	5.0	0.0	0.0	0.0	20.0	0.0	9.0	0.0	
27	0.0	1.0	0.0	0.0	28.0	3.0	0.0	0.0	0.0	14.0	10.0	
28	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	18.0	11.0	
29	0.0	0.0	1.0	3.0	8.0	27.0	40.0	20.0	20.0	1.0	6.0	
30	0.0	0.0	0.0	1.0	0.0	1.0	2.0	0.0	8.0	28.0	15.0	
31	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	
Total	52.0	146.0	56.0	362.0	220.0	148.0	164.0	217.0	154.0	235.0	492.0	
D. Ll.	8	9	3	17	14	13	13	21	19	17	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: MONACO **MUNICIPIO:** CORDOBA **AÑO:** 1.988

ALTITUD: 1.300 **LATITUD:** 4-24 N. **LONGITUD:** 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	45.0	20.0	0.0		0.0	3.0	4.0	0.0	56.0
2	0.0	30.0	0.0	0.0	0.0	0.0		0.0	5.0	3.0	21.0	20.0
3	0.0	0.0	0.0	0.0	0.0	2.0		0.0	8.0	1.0	1.0	20.0
4	0.0	0.0	0.0	12.0	0.0	0.0		1.0	6.0	0.0	3.0	38.0
5	0.0	1.0	0.0	0.0	0.0	0.0		0.0	5.0	4.0	0.0	15.0
6	0.0	0.0	0.0	50.0	0.0	0.0		1.0	10.0	22.0	2.0	20.0
7	0.0	0.0	0.0	0.0	5.0	9.0	1.0	9.0	30.0	4.0	0.0	8.0
8	0.0	1.0	130.0	0.0	0.0	0.0	0.0	7.0	2.0	2.0	1.0	7.0
9	0.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	50.0	40.0	0.0	8.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	8.0	20.0	3.0	10.0
11	0.0	0.0	0.0	0.0	0.0	6.0	0.0	19.0	50.0	40.0	5.0	7.0
12	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	40.0	45.0	40.0	2.0
13	0.0	0.0	0.0	45.0	0.0	0.0	0.0	2.0	30.0	10.0	15.0	2.0
14	0.0	0.0	0.0	3.0	0.0	0.0	0.0	8.0	15.0	3.0	25.0	0.0
15	3.0	0.0	0.0	10.0	0.0	0.0	0.0	3.0	3.0	0.0	32.0	1.0
16	1.0	0.0	0.0	37.0	0.0	20.0	0.0	2.0	44.0	8.0	30.0	3.0
17	0.0	0.0	0.0	10.0	0.0	3.0	0.0	0.0	24.0	10.0	20.0	5.0
18	20.0	2.0	0.0	0.0	0.0	2.0	0.0	10.0	10.0	5.0	0.0	4.0
19	2.0	0.0	0.0	30.0	3.0	0.0	0.0	40.0	0.0	0.0	0.0	1.0
20	1.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	6.0	1.0	35.0	1.0
21	0.0	0.0	0.0	10.0	0.0	0.0	0.0	9.0	1.0	4.0	20.0	14.0
22	0.0	0.0	0.0	5.0	0.0	0.0	0.0	8.0	0.0	1.0	3.0	10.0
23	3.0	10.0	0.0	0.0	0.0	0.0	0.0	1.0	7.0	0.0	0.0	18.0
24	0.0	9.0	0.0	5.0	0.0	0.0	1.0	0.0	1.0	33.0	6.0	10.0
25	0.0	50.0	0.0	0.0	54.0	0.0	0.0	4.0	0.0	2.0	10.0	4.0
26	0.0	20.0	0.0	20.0	0.0	0.0	0.0	30.0	0.0	1.0	20.0	3.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	30.0	10.0	18.0
28	0.0	0.0	0.0	10.0	86.0	0.0	0.0	6.0	3.0	10.0	0.0	10.0
29	0.0	0.0	0.0	8.0	0.0	0.0	4.0	40.0	5.0	0.0	7.0	1.0
30	0.0	0.0	0.0	0.0	40.0	0.0	6.0	11.0	2.0	0.0	8.0	2.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	50.0	0.0	6.0
Total	30.0	123.0	140.0	360.0	268.0	42.0		245.0	368.0	353.0	317.0	324.0
D. Ll.	6	8	2	16	6	6		24	25	25	22	30

TOTALES ANUALES mm. Días lluvia

ESTACION: EL PORVENIR **MUNICIPIO:** PIJAO **AÑO:** 1.988

ALTITUD: 1.540 **LATITUD:** 4-19 N. **LONGITUD:** 75-45 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	10.0	5.0	0.0	3.0	1.0	17.0	46.0	6.0
2	2.0	0.0	0.0	2.0	2.0	4.0	5.0	1.0	0.0	10.0	12.0	21.0
3	0.0	10.0	0.0	35.0	0.0	0.0	15.0	0.0	0.0	1.0	0.0	8.0
4	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	20.0
5	0.0	0.0	0.0	90.0	4.0	0.0	9.0	0.0	2.0	0.0	33.0	0.0
6	0.0	1.0	0.0	1.0	12.0	3.0	2.0	0.0	0.0	2.0	7.0	50.0
7	0.0	0.0	58.0	0.0	0.0	0.0	3.0	15.0	9.0	0.0	1.0	30.0
8	0.0	1.0	48.0	0.0	15.0	0.0	15.0	3.0	1.0	0.0	0.0	2.0
9	0.0	3.0	0.0	11.0	0.0	0.0	0.0	0.0	39.0	0.0	8.0	0.0
10	0.0	19.0	0.0	18.0	4.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0
11	0.0	4.0	0.0	1.0	2.0	0.0	0.0	3.0	55.0	10.0	0.0	0.0
12	0.0	1.0	0.0	39.0	0.0	0.0	0.0	0.0	51.0	19.0	36.0	0.0
13	7.0	0.0	0.0	2.0	11.0	1.0	0.0	2.0	15.0	17.0	65.0	1.0
14	0.0	0.0	0.0	10.0	1.0	11.0	0.0	1.0	1.0	13.0	47.0	0.0
15	23.0	0.0	0.0	39.0	3.0	0.0	0.0	0.0	0.0	1.0	24.0	0.0
16	0.0	0.0	0.0	2.0	0.0	13.0	0.0	15.0	1.0	33.0	50.0	1.0
17	35.0	0.0	0.0	0.0	0.0	2.0	0.0	11.0	4.0	58.0	1.0	0.0
18	2.0	0.0	0.0	2.0	0.0	16.0	0.0	0.0	8.0	0.0	0.0	5.0
19	2.0	0.0	0.0	0.0	0.0	2.0	0.0	37.0	1.0	0.0	0.0	1.0
20	0.0	0.0	0.0	26.0	2.0	0.0	1.0	3.0	4.0	0.0	2.0	0.0
21	0.0	2.0	0.0	1.0	2.0	3.0	0.0	18.0	0.0	15.0	30.0	1.0
22	0.0	0.0	0.0	2.0	0.0	35.0	0.0	12.0	9.0	0.0	13.0	0.0
23	0.0	0.0	0.0	0.0	2.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	2.0	0.0	36.0	0.0	27.0	0.0	3.0	0.0	24.0	1.0	3.0
25	0.0	59.0	0.0	0.0	9.0	6.0	2.0	0.0	0.0	1.0	30.0	0.0
26	0.0	3.0	0.0	23.0	1.0	0.0	12.0	21.0	0.0	0.0	0.0	0.0
27	0.0	4.0	0.0	2.0	33.0	15.0	0.0	1.0	0.0	6.0	1.0	4.0
28	6.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0	0.0	16.0	55.0	19.0
29	1.0	0.0	0.0	10.0	39.0	0.0	36.0	14.0	1.0	1.0	22.0	0.0
30	0.0	0.0	2.0	8.0	0.0	2.0	2.0	12.0	4.0	26.0	49.0	3.0
31	0.0	0.0	0.0	0.0	8.0	0.0	1.0	3.0	0.0	8.0	0.0	2.0
Total	78.0	109.0	108.0	360.0	161.0	151.0	115.0	178.0	206.0	278.0	578.0	177.0
D. Ll.	8	12	3	21	19	17	13	19	17	19	22	17

TOTALES ANUALES 2499.0 mm. 187 Días lluvia

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

ESTACION: LA ESPERANZA — **MUNICIPIO:** BUENAVISTA — **AÑO:** 1.988

ALTITUD: 1.400 — **LATITUD:** 4-21 N. — **LONGITUD:** 75-45 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	19.0	6.0	0.0	0.0	0.0	8.0	62.0	26.0
2	0.0	0.0	0.0	10.0	0.0	0.0	10.0	13.0	0.0	17.0	0.0	14.0
3	0.0	32.0	0.0	79.0	0.0	0.0	14.0	0.0	0.0	4.0	0.0	37.0
4	0.0	0.0	0.0	0.0	0.0	3.0	11.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	49.0	0.0	0.0	15.0	0.0	5.0	0.0	40.0	12.0
6	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	4.0	56.0	19.0	26.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	59.0
8	0.0	7.0	85.0	0.0	3.0	0.0	0.0	0.0	0.0	7.0	5.0	12.0
9	0.0	0.0	8.0	3.0	0.0	0.0	0.0	0.0	22.0	0.0	21.0	0.0
10	0.0	11.0	0.0	51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	3.0	2.0	0.0	0.0	16.0	50.0	0.0	7.0	0.0
12	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	45.0	13.0	30.0	0.0
13	40.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	15.0	40.0	0.0	0.0
14	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	32.0	45.0	0.0
15	28.0	0.0	0.0	37.0	5.0	5.0	0.0	0.0	0.0	34.0	28.0	5.0
16	6.0	0.0	0.0	0.0	0.0	12.0	0.0	4.0	0.0	0.0	19.0	0.0
17	15.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	16.0	26.0	5.0	0.0
18	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	7.0	0.0	12.0	7.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0	14.0	15.0
20	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	10.0	0.0	16.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	31.0	0.0
22	0.0	0.0	0.0	8.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	19.0
23	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	37.0	0.0	105.0	3.0	14.0	0.0	35.0	15.0	42.0
25	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	14.0
26	0.0	4.0	0.0	49.0	0.0	0.0	18.0	26.0	0.0	0.0	0.0	9.0
27	0.0	0.0	0.0	0.0	56.0	5.0	0.0	0.0	0.0	0.0	4.0	0.0
28	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	33.0	41.0
29	0.0	0.0	0.0	2.0	46.0	0.0	0.0	21.0	0.0	0.0	7.0	16.0
30	0.0	0.0	0.0	10.0	0.0	0.0	12.0	18.0	0.0	32.0	5.0	27.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	9.0
Total	89.0	79.0	120.0	443.0	131.0	231.0	93.0	209.0	174.0	352.0	418.0	390.0
D. Ll.	4	5	3	16	6	10	8	11	9	14	20	18

TOTALES ANUALES — 2729.0 mm. — 124 Dias lluvia

ESTACION: VILLA HORIZABA — **MUNICIPIO:** GENOVA — **AÑO:** 1.988

ALTITUD: 1.540 — **LATITUD:** 4-12 N. — **LONGITUD:** 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	14.0	11.0
2	0.0	25.0	0.0	18.0	0.0	5.0	5.0	0.0	0.0	15.0	6.0	28.0
3	0.0	0.0	0.0	0.0	0.0	7.0	4.0	0.0	0.0	0.0	0.0	8.0
4	0.0	0.0	0.0	24.0	0.0	10.0	7.0	0.0	0.0	0.0	0.0	12.0
5	0.0	0.0	0.0	0.0	6.0	0.0	0.0	1.0	0.0	0.0	4.0	0.0
6	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	5.0	12.0	0.0
7	0.0	25.0	0.0	0.0	0.0	15.0	4.0	0.0	0.0	5.0	0.0	18.0
8	0.0	0.0	70.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	8.0	1.0
9	0.0	22.0	0.0	13.0	0.0	0.0	0.0	0.0	8.0	0.0	1.0	2.0
10	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0
11	0.0	0.0	0.0	37.0	0.0	0.0	7.0	0.0	57.0	0.0	0.0	17.0
12	25.0	0.0	0.0	2.0	0.0	0.0	0.0	5.0	15.0	28.0	10.0	0.0
13	0.0	2.0	0.0	3.0	0.0	0.0	4.0	0.0	24.0	31.0	0.0	0.0
14	20.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	15.0	16.0	31.0	0.0
15	2.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	20.0	65.0	10.0	0.0
16	0.0	0.0	0.0	3.0	2.0	8.0	0.0	0.0	0.0	6.0	52.0	14.0
17	22.0	0.0	0.0	32.0	0.0	5.0	1.0	7.0	17.0	27.0	0.0	8.0
18	0.0	0.0	0.0	0.0	2.0	4.0	0.0	0.0	7.0	0.0	9.0	1.0
19	0.0	0.0	0.0	26.0	0.0	7.0	0.0	8.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	3.0	0.0	0.0	1.0	0.0	5.0	0.0	0.0	0.0
21	0.0	0.0	0.0	2.0	0.0	15.0	0.0	17.0	0.0	0.0	42.0	0.0
22	0.0	0.0	0.0	0.0	0.0	49.0	10.0	0.0	0.0	0.0	9.0	9.0
23	0.0	12.0	0.0	12.0	0.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0
24	0.0	36.0	0.0	2.0	0.0	0.0	10.0	0.0	0.0	35.0	0.0	8.0
25	0.0	14.0	0.0	12.0	3.0	6.0	1.0	0.0	0.0	0.0	15.0	10.0
26	12.0	0.0	0.0	0.0	30.0	8.0	0.0	5.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	5.0	0.0	0.0
28	0.0	0.0	0.0	7.0	7.0	4.0	0.0	0.0	0.0	5.0	12.0	13.0
29	0.0	0.0	18.0	20.0	4.0	0.0	0.0	26.0	0.0	0.0	7.0	0.0
30	0.0	0.0	7.0	8.0	10.0	0.0	0.0	10.0	16.0	41.0	7.0	8.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	11.0	0.0	0.0
Total	81.0	138.0	95.0	240.0	67.0	156.0	67.0	99.0	209.0	342.0	274.0	168.0
D. Ll.	5	8	3	18	9	15	13	9	12	15	17	16

TOTALES ANUALES — 1536.0 mm. — 140 Dias lluvia

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

ESTACION: LA ORIENTAL MUNICIPIO: QUINCHIA AÑO: 1.988

ALTITUD: 1.630 LATITUD: 5-22 N. LONGITUD: 75-43 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	3.0	2.0	14.0	0.0	11.0	0.0	4.0	0.0	10.0
2	1.0	0.0	0.0	5.0	0.0	0.0	11.0	35.0	58.0	0.0	2.0	8.0
3	0.0	45.0	0.0	10.0	10.0	0.0	60.0	30.0	0.0	12.0	5.0	11.0
4	0.0	1.0	0.0	0.0	0.0	0.0	20.0	0.0	20.0	2.0	4.0	10.0
5	0.0	10.0	0.0	20.0	10.0	0.0	11.0	2.0	2.0	0.0	2.0	16.0
6	0.0	20.0	0.0	0.0	13.0	0.0	0.0	24.0	3.0	13.0	0.0	12.0
7	15.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	17.0	3.0	8.0
8	0.0	30.0	13.0	0.0	5.0	0.0	10.0	7.0	5.0	6.0	10.0	0.0
9	0.0	0.0	10.0	0.0	0.0	0.0	0.0	22.0	33.0	0.0	0.0	0.0
10	0.0	0.0	9.0	11.0	0.0	0.0	4.0	11.0	5.0	0.0	13.0	2.0
11	0.0	10.0	0.0	0.0	0.0	47.0	5.0	0.0	5.0	3.0	8.0	0.0
12	0.0	10.0	0.0	27.0	0.0	16.0	3.0	22.0	0.0	12.0	16.0	0.0
13	0.0	6.0	0.0	6.0	30.0	6.0	0.0	0.0	30.0	10.0	20.0	3.0
14	10.0	0.0	0.0	29.0	0.0	0.0	0.0	12.0	0.0	12.0	15.0	11.0
15	20.0	0.0	0.0	10.0	5.0	0.0	0.0	6.0	0.0	11.0	12.0	3.0
16	0.0	0.0	5.0	0.0	0.0	0.0	0.0	53.0	2.0	20.0	9.0	0.0
17	5.0	0.0	0.0	0.0	66.0	20.0	0.0	0.0	0.0	12.0	3.0	2.0
18	7.0	0.0	0.0	0.0	0.0	20.0	32.0	0.0	3.0	0.0	1.0	6.0
19	0.0	0.0	0.0	8.0	20.0	4.0	0.0	22.0	2.0	2.0	9.0	0.0
20	3.0	0.0	0.0	39.0	0.0	0.0	10.0	10.0	7.0	0.0	4.0	0.0
21	1.0	30.0	0.0	0.0	0.0	0.0	0.0	30.0	10.0	0.0	30.0	5.0
22	0.0	0.0	0.0	16.0	0.0	10.0	0.0	0.0	6.0	0.0	16.0	0.0
23	0.0	4.0	0.0	0.0	0.0	27.0	0.0	10.0	3.0	3.0	12.0	0.0
24	5.0	1.0	0.0	20.0	0.0	10.0	1.0	14.0	2.0	2.0	21.0	0.0
25	0.0	55.0	0.0	4.0	30.0	40.0	0.0	7.0	0.0	4.0	15.0	3.0
26	1.0	1.0	0.0	53.0	0.0	0.0	0.0	12.0	3.0	2.0	0.0	0.0
27	0.0	0.0	0.0	5.0	32.0	0.0	0.0	0.0	0.0	0.0	12.0	8.0
28	0.0	0.0	0.0	0.0	0.0	3.0	0.0	10.0	0.0	7.0	15.0	6.0
29	0.0	0.0	0.0	20.0	67.0	0.0	3.0	30.0	3.0	5.0	10.0	3.0
30	0.0	0.0	0.0	11.0	0.0	0.0	5.0	1.0	2.0	0.0	17.0	5.0
31	0.0	0.0	23.0	0.0	15.0	0.0	0.0	30.0	0.0	0.0	0.0	3.0
Total	68.0	223.0	60.0	297.0	325.0	217.0	175.0	414.0	204.0	159.0	284.0	135.0
D. LI.	10	13	5	18	13	12	13	24	20	20	26	20

TOTALES ANUALES 2561.0 mm. 194 Dias lluvia

ESTACION: EL BARRANCO MUNICIPIO: MISTRATO AÑO: 1.988

ALTITUD: 1.580 LATITUD: 5-21 N. LONGITUD: 76-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	15.0	6.0	20.0	5.0	3.0	3.0	0.0	3.0	3.0
2	0.0	0.0	0.0	10.0	10.0	30.0	7.0	2.0	0.0	4.0	0.0	4.0
3	0.0	0.0	0.0	0.0	8.0	3.0	10.0	0.0	4.0	2.0	0.0	0.0
4	0.0	0.0	0.0	11.0	10.0	5.0	3.0	3.0	3.0	8.0	1.0	3.0
5	0.0	0.0	0.0	12.0	11.0	0.0	2.0	4.0	2.0	5.0	0.0	2.0
6	0.0	0.0	0.0	5.0	10.0	3.0	0.0	0.0	5.0	10.0	20.0	10.0
7	0.0	0.0	0.0	15.0	0.0	6.0	0.0	5.0	10.0	7.0	3.0	4.0
8	0.0	4.0	1.0	16.0	2.0	9.0	0.0	3.0	0.0	5.0	4.0	3.0
9	0.0	0.0	0.0	8.0	12.0	5.0	0.0	4.0	5.0	4.0	10.0	25.0
10	0.0	0.0	0.0	8.0	0.0	7.0	0.0	0.0	0.0	3.0	15.0	4.0
11	0.0	3.4	0.0	15.0	4.0	2.0	0.0	5.0	10.0	2.0	20.0	3.0
12	0.0	0.0	0.0	25.0	6.0	4.0	0.0	4.0	15.0	10.0	25.0	5.0
13	0.0	0.0	0.0	10.0	5.0	6.0	7.0	0.0	0.0	3.0	15.0	12.0
14	13.0	0.0	1.0	15.0	6.0	10.0	0.0	6.0	6.0	11.0	10.0	3.0
15	0.0	0.0	1.0	13.0	3.0	4.0	0.0	0.0	0.0	14.0	3.0	2.0
16	0.0	0.0	0.0	12.0	5.0	8.0	0.0	10.0	0.0	10.0	4.0	0.0
17	0.0	0.0	0.0	3.0	0.0	10.0	0.0	3.0	2.0	0.0	12.0	10.0
18	0.0	0.0	0.0	10.0	13.0	11.0	0.0	2.0	1.0	5.0	10.0	12.0
19	15.0	0.0	0.0	5.0	3.0	3.0	0.0	1.0	5.0	3.0	11.0	5.0
20	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	3.0	0.0	13.0	3.0
21	0.0	0.0	0.0	10.0	0.0	5.0	0.0	10.0	2.0	4.0	15.0	2.0
22	0.0	0.0	0.0	15.0	5.0	4.0	0.0	14.0	3.0	3.0	10.0	0.0
23	0.0	0.0	0.0	8.0	10.0	0.0	0.0	0.0	4.0	0.0	4.0	4.0
24	10.0	0.0	0.0	11.0	10.0	2.0	0.0	3.0	15.0	3.0	3.0	5.0
25	0.0	0.0	0.0	6.0	4.0	10.0	0.0	2.0	3.0	2.0	10.0	10.0
26	0.0	0.0	0.0	5.0	0.0	5.0	0.0	9.0	0.0	4.0	15.0	15.0
27	0.0	0.0	0.0	10.0	6.0	4.0	0.0	3.0	0.0	5.0	20.0	12.0
28	0.0	0.0	0.0	14.0	0.0	10.0	0.0	30.0	0.0	0.0	10.0	3.0
29	0.0	0.0	0.0	14.0	0.0	6.0	6.0	25.0	5.0	6.0	20.0	2.0
30	0.0	0.0	1.0	7.0	0.0	11.0	0.0	20.0	10.0	1.0	7.0	0.0
31	0.0	0.0	5.0	0.0	15.0	0.0	0.0	5.0	0.0	5.0	0.0	3.0
Total	38.0	7.4	9.0	314.0	164.0	203.0	40.0	176.0	116.0	139.0	293.0	169.0
D. LI.	3	2	5	29	22	27	7	24	21	26	27	27

TOTALES ANUALES 1668.4 mm. 220 Dias lluvia

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

ESTACION: LOS CAMBULOS **MUNICIPIO:** BELEN DE UMBRIA **AÑO:** 1.988

ALTITUD: 1.400 **LATITUD:** 5-09 N. **LONGITUD:** 75-51 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1				0.0	0.0	5.0	5.0	0.0	0.0	0.0	23.0	83.0
2				13.0	0.0	0.0	24.0	4.0	45.0	31.0	10.0	23.0
3				33.0	3.0	0.0	53.0	0.0	0.0	0.0	0.0	0.0
4				0.0	0.0	3.0	66.0	0.0	26.0	0.0	0.0	25.0
5				34.0	0.0	4.0	5.0	0.0	4.0	0.0	0.0	0.0
6				0.0	0.0	0.0	0.0	0.0	8.0	20.0	0.0	28.0
7				0.0	0.0	0.0	45.0	15.0	10.0	14.0	40.0	10.0
8				3.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
9				4.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
10				26.0	5.0	0.0	0.0	12.0	5.0	11.0	13.0	26.0
11				0.0	0.0	17.0	0.0	0.0	0.0	13.0	7.0	10.0
12				0.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	20.0
13				5.0	15.0	25.0	0.0	10.0	20.0	78.0	10.0	10.0
14				5.0	0.0	28.0	0.0	6.0	0.0	52.0	7.0	0.0
15				39.0	0.0	0.0	0.0	10.0	5.0	0.0	14.0	0.0
16				3.0	0.0	11.0	0.0	19.0	0.0	0.0	10.0	0.0
17				0.0	0.0	9.0	0.0	0.0	20.0	40.0	10.0	0.0
18				2.0	0.0	23.0	0.0	0.0	0.0	5.0	13.0	10.0
19				0.0	25.0	0.0	0.0	35.0	4.0	0.0	0.0	0.0
20				5.0	0.0	0.0	0.0	0.0	13.0	0.0	5.0	0.0
21				0.0	45.0	0.0	0.0	30.0	15.0	0.0	45.0	0.0
22				25.0	0.0	17.0	20.0	0.0	16.0	0.0	10.0	0.0
23				0.0	0.0	5.0	0.0	0.0	0.0	20.0	3.0	0.0
24				73.0	0.0	5.0	0.0	10.0	5.0	0.0	8.0	0.0
25				0.0	17.0	4.0	34.0	5.0	0.0	0.0	28.0	7.0
26				19.0	7.0	3.0	0.0	22.0	0.0	29.0	0.0	16.0
27				0.0	58.0	26.0	0.0	0.0	0.0	0.0	6.0	8.0
28				0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0
29				20.0	34.0	0.0	15.0	32.0	54.0	5.0	10.0	11.0
30				5.0	0.0	0.0	0.0	12.0	8.0	0.0	5.0	0.0
31				0.0	30.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0
Total				314.0	239.0	185.0	272.0	222.0	262.0	328.0	303.0	297.0
D. Ll.				17	10	15	10	14	17	13	23	15

TOTALES ANUALES 2422.0 mm. 134 Dias lluvia

ESTACION: EL DIAMANTE **MUNICIPIO:** QUINCHIA **AÑO:** 1.988

ALTITUD: 1.550 **LATITUD:** 5-19 N. **LONGITUD:** 75-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	18.0	0.0	30.0	9.0	22.0	24.0	4.0
2	0.0	0.0	0.0	0.0	7.0	0.0	16.0	0.0	19.0	11.0	0.0	20.0
3	12.0	3.0	0.0	18.0	0.0	0.0	0.0	0.0	10.0	8.0	0.0	0.0
4	0.0	29.0	0.0	16.0	0.0	37.0	59.0	0.0	8.0	2.0	0.0	0.0
5	0.0	0.0	0.0	0.0	66.0	0.0	10.0	14.0	1.0	15.0	0.0	20.0
6	0.0	33.0	0.0	0.0	0.0	0.0	3.0	3.0	11.0	0.0	3.0	20.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	43.0	60.0	10.0
8	0.0	20.0	0.0	0.0	9.0	0.0	0.0	8.0	0.0	0.0	0.0	8.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0	0.0	25.0	20.0
10	30.0	2.0	0.0	0.0	0.0	15.0	0.0	10.0	0.0	0.0	24.0	0.0
11	0.0	2.0	30.0	13.0	10.0	30.0	0.0	12.0	8.0	8.0	16.0	0.0
12	0.0	0.0	0.0	16.0	0.0	13.0	10.0	51.0	0.0	12.0	14.0	0.0
13	0.0	0.0	0.0	0.0	20.0	15.0	0.0	23.0	38.0	0.0	28.0	0.0
14	23.0	0.0	0.0	13.0	0.0	0.0	0.0	1.0	0.0	18.0	8.0	0.0
15	24.0	0.0	0.0	0.0	6.0	0.0	0.0	4.0	0.0	0.0	15.0	0.0
16	55.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	2.0	0.0	6.0	10.0
17	16.0	0.0	7.0	0.0	54.0	2.0	0.0	0.0	0.0	7.0	3.0	22.0
18	4.0	0.0	0.0	4.0	0.0	34.0	0.0	0.0	0.0	0.0	3.0	30.0
19	0.0	0.0	0.0	11.0	12.0	3.0	0.0	25.0	34.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	7.0	0.0
21	0.0	14.0	0.0	0.0	5.0	0.0	0.0	22.0	30.0	4.0	8.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	3.0	0.0
23	0.0	8.0	0.0	0.0	0.0	34.0	0.0	20.0	0.0	14.0	4.0	0.0
24	0.0	0.0	0.0	2.0	0.0	25.0	0.0	9.0	0.0	5.0	10.0	0.0
25	0.0	13.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	8.0	10.0
26	0.0	31.0	0.0	36.0	16.0	0.0	2.0	28.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	14.0	0.0	6.0	0.0	3.0	0.0	0.0	2.0	32.0
28	5.0	0.0	0.0	0.0	19.0	0.0	7.0	2.0	2.0	6.0	0.0	22.0
29	0.0	0.0	0.0	12.0	60.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	26.0	0.0	0.0	0.0	12.0	0.0	20.0	0.0	0.0
31	0.0	0.0	2.0	0.0	34.0	0.0	7.0	22.0	0.0	21.0	0.0	0.0
Total	169.0	155.0	39.0	181.0	318.0	232.0	114.0	390.0	232.0	216.0	271.0	228.0
D. Ll.	8	10	3	12	13	12	8	25	15	16	20	13

TOTALES ANUALES 2545.0 mm. 155 Dias lluvia

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

ESTACION: BUENOS AIRES **MUNICIPIO:** GUATICA **AÑO:** 1.988

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	4.0	0.0	0.0	39.0	9.0	39.0	6.0	2.0	0.0	4.0	19.0	6.0
2	9.0	0.0	0.0	1.0	0.0	0.0	10.0	18.0	14.0	0.0	4.0	16.0
3	0.0	24.0	0.0	5.0	8.0	0.0	9.0	17.0	0.0	2.0	0.0	0.0
4	0.0	2.0	0.0	7.0	0.0	20.0	21.0	0.0	9.0	0.0	0.0	7.0
5	0.0	4.0	0.0	12.0	7.0	0.0	6.0	12.0	2.0	0.0	3.0	0.0
6	0.0	0.0	0.0	10.0	4.0	0.0	4.0	0.0	7.0	26.0	4.0	2.0
7	24.0	0.0	0.0	2.0	0.0	0.0	18.0	9.0	0.0	47.0	31.0	10.0
8	0.0	40.0	6.0	47.0	13.0	4.0	0.0	0.0	5.0	0.0	30.0	0.0
9	0.0	0.0	2.0	4.0	6.0	12.0	2.0	4.0	12.0	0.0	7.0	9.0
10	0.0	24.0	0.0	7.0	0.0	2.0	3.0	6.0	10.0	5.0	6.0	0.0
11	0.0	2.0	0.0	6.0	3.0	20.0	4.0	3.0	8.0	0.0	4.0	3.0
12	0.0	7.0	0.0	18.0	0.0	4.0	0.0	11.0	11.0	8.0	9.0	1.0
13	0.0	4.0	4.0	9.0	15.0	10.0	0.0	26.0	6.0	24.0	32.0	25.0
14	36.0	1.0	0.0	10.0	8.0	14.0	0.0	2.0	0.0	16.0	2.0	4.0
15	14.0	0.0	2.0	8.0	5.0	3.0	0.0	4.0	0.0	2.0	18.0	0.0
16	0.0	0.0	3.0	37.0	4.0	6.0	0.0	16.0	5.0	7.0	12.0	3.0
17	8.0	0.0	0.0	3.0	14.0	13.0	0.0	0.0	10.0	5.0	4.0	0.0
18	15.0	0.0	0.0	0.0	0.0	51.0	16.0	0.0	16.0	25.0	1.0	7.0
19	4.0	0.0	0.0	5.0	3.0	5.0	0.0	28.0	34.0	7.0	9.0	11.0
20	0.0	0.0	0.0	30.0	0.0	0.0	0.0	14.0	27.0	0.0	5.0	0.0
21	0.0	6.0	0.0	0.0	2.0	0.0	0.0	15.0	8.0	3.0	6.0	0.0
22	0.0	0.0	0.0	9.0	0.0	10.0	0.0	0.0	33.0	0.0	0.0	5.0
23	0.0	2.0	0.0	11.0	0.0	6.0	0.0	7.0	0.0	8.0	3.0	8.0
24	8.0	0.0	0.0	35.0	0.0	20.0	0.0	9.0	0.0	5.0	2.0	12.0
25	0.0	0.0	0.0	7.0	6.0	3.0	12.0	0.0	2.0	2.0	7.0	6.0
26	0.0	5.0	0.0	5.0	18.0	2.0	0.0	20.0	0.0	4.0	0.0	10.0
27	0.0	32.0	0.0	4.0	11.0	7.0	0.0	10.0	0.0	3.0	1.0	9.0
28	8.0	0.0	1.0	0.0	0.0	0.0	2.0	8.0	0.0	2.0	14.0	5.0
29	0.0	0.0	0.0	6.0	36.0	0.0	5.0	14.0	15.0	0.0	5.0	21.0
30	6.0	0.0	4.0	23.0	9.0	0.0	3.0	15.0	12.0	1.0	14.0	2.0
31	0.0	0.0	6.0	0.0	7.0	0.0	0.0	4.0	0.0	0.0	0.0	2.0
Total	136.0	153.0	28.0	360.0	188.0	251.0	121.0	274.0	246.0	206.0	252.0	184.0
D. Ll.	11	13	8	27	20	20	15	24	20	21	26	23

TOTALES ANUALES 2399.0 mm. 228 Días lluvia

ESTACION: CSPIRMA **MUNICIPIO:** GUATICA **AÑO:** 1.988

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	1.0	1.0	0.0	9.0	6.0	40.0	1.0	0.0	0.0	1.0	14.0	4.0
2	1.0	0.0	0.0	20.0	0.0	2.0	11.0	13.0	12.5	0.0	4.0	15.0
3	0.0	13.0	0.0	6.0	7.0	0.0	7.0	18.0	0.0	2.0	0.0	0.0
4	0.0	16.0	0.0	9.0	0.0	19.0	23.0	0.0	5.0	0.0	0.0	5.0
5	0.0	1.0	0.0	11.0	7.0	0.0	6.0	0.0	3.0	0.0	0.0	2.0
6	0.0	0.0	0.0	0.0	17.0	0.0	1.0	12.0	7.0	18.0	0.0	0.0
7	15.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	24.0	46.0	7.0
8	0.0	37.0	5.0	12.0	18.0	0.0	0.0	8.0	0.0	22.0	16.0	0.0
9	0.0	0.0	1.0	39.0	7.0	16.0	3.0	3.0	6.0	0.0	7.0	0.0
10	0.0	16.0	0.0	4.0	1.0	0.0	1.0	0.0	23.0	0.0	1.0	9.0
11	0.0	0.0	0.0	4.0	0.0	17.0	0.0	3.0	5.0	0.0	0.0	0.0
12	0.0	0.0	0.0	20.0	0.0	3.0	0.0	15.0	0.0	3.0	12.0	0.0
13	0.0	14.0	0.0	4.0	11.0	6.0	0.0	0.0	20.0	20.0	0.0	23.0
14	20.0	4.0	3.0	2.0	6.0	13.0	0.0	15.0	0.0	25.0	22.0	6.0
15	3.0	0.0	0.0	10.0	6.0	0.0	0.0	3.0	0.0	3.0	33.0	0.0
16	7.0	0.0	3.0	23.0	13.0	6.0	0.0	27.0	8.0	10.0	0.0	0.0
17	1.0	0.0	0.0	3.0	16.0	3.0	0.0	0.0	5.0	14.0	0.0	20.0
18	15.0	0.0	0.0	0.0	0.0	50.0	2.0	0.0	15.0	39.0	5.0	3.0
19	0.0	0.0	0.0	2.0	3.0	4.0	0.0	22.0	21.0	8.0	2.0	0.0
20	0.0	0.0	0.0	18.0	0.0	0.0	0.0	12.0	30.0	0.0	4.0	0.0
21	0.0	4.0	0.0	0.0	0.0	0.0	0.0	15.0	7.0	0.0	10.0	0.0
22	0.0	0.0	0.0	6.0	0.0	10.0	5.0	1.0	20.0	0.0	0.0	0.0
23	0.0	0.0	0.0	15.0	0.0	0.0	0.0	3.0	0.0	3.0	2.0	0.0
24	11.0	0.0	0.0	24.0	0.0	13.0	0.0	0.0	9.0	0.0	7.0	0.0
25	0.0	6.0	0.0	7.0	6.0	0.0	14.0	1.0	0.0	0.0	5.0	24.0
26	0.0	35.0	0.0	6.0	15.0	0.0	0.0	8.0	0.0	0.0	0.0	2.0
27	0.0	0.0	0.0	2.0	13.0	4.0	0.0	25.0	0.0	0.0	0.0	14.0
28	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	2.0	0.0	0.0
29	1.0	0.0	0.0	6.0	35.0	0.0	3.0	10.0	9.0	0.0	10.0	10.0
30	13.0	0.0	1.0	12.0	0.0	0.0	8.0	4.0	5.0	1.0	0.0	1.0
31	0.0	0.0	10.0	0.0	16.0	0.0	0.0	20.0	0.0	2.0	0.0	1.0
Total	89.0	147.0	23.0	274.0	203.0	212.0	86.0	242.0	210.5	197.0	200.0	146.0
D. Ll.	12	11	6	25	18	16	14	22	18	17	17	16

TOTALES ANUALES 2039.5 mm. 192 Días lluvia

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

ESTACION: LA TRIBUNA **MUNICIPIO:** EALBOA **AÑO:** 1.988

ALTITUD: 1.500 **LATITUD:** 4-57 N. **LONGITUD:** 75-57 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	6.0	2.0	7.0	13.0	3.0	1.0	5.0	8.0	27.0
2	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	1.0	3.0	26.0	19.0
3	0.0	20.0	0.0	40.0	0.0	0.0	78.0	0.0	0.0	0.0	0.0	27.0
4	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	21.0
5	0.0	0.0	0.0	5.0	14.0	0.0	16.0	0.0	0.0	4.0	1.0	0.0
6	40.0	40.0	0.0	0.0	0.0	0.0	14.0	0.0	3.0	12.0	0.0	6.0
7	30.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	65.0	5.0
8	20.0	0.0	35.0	2.0	9.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0
9	10.0	0.0	7.0	12.0	27.0	0.0	0.0	0.0	21.0	0.0	7.0	0.0
10	25.0	0.0	0.0	26.0	0.0	7.0	0.0	16.0	51.0	0.0	77.0	0.0
11	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	40.0	3.0	0.0	1.0
12	10.0	20.0	0.0	26.0	2.0	0.0	0.0	15.0	5.0	44.0	74.0	2.0
13	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	9.0	26.0	37.0	13.0
14	0.0	10.0	0.0	38.0	0.0	7.0	0.0	0.0	0.0	27.0	2.0	12.0
15	0.0	0.0	0.0	2.0	0.0	9.0	0.0	0.0	5.0	2.0	26.0	0.0
16	0.0	0.0	0.0	0.0	20.0	6.0	0.0	35.0	0.0	0.0	4.0	19.0
17	0.0	0.0	0.0	0.0	30.0	10.0	0.0	0.0	6.0	85.0	3.0	0.0
18	10.0	0.0	4.0	0.0	1.0	29.0	0.0	3.0	4.0	2.0	0.0	0.0
19	0.0	0.0	0.0	3.0	0.0	0.0	0.0	55.0	5.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	25.0	0.0	4.0	0.0
21	0.0	0.0	0.0	0.0	1.0	0.0	0.0	6.0	23.0	21.0	18.0	0.0
22	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	11.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	26.0	4.0	0.0	7.0	0.0	24.0	7.0
24	0.0	10.0	0.0	25.0	0.0	19.0	20.0	0.0	0.0	3.0	7.0	11.0
25	0.0	35.0	0.0	0.0	25.0	0.0	5.0	0.0	0.0	5.0	18.0	48.0
26	0.0	57.0	0.0	3.0	6.0	0.0	0.0	16.0	0.0	0.0	2.0	6.0
27	0.0	2.0	0.0	1.0	11.0	0.0	0.0	1.0	0.0	0.0	3.0	19.0
28	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	8.0	3.0	5.0
29	0.0	0.0	0.0	14.0	65.0	3.0	4.0	67.0	36.0	27.0	7.0	4.0
30	0.0	0.0	0.0	25.0	0.0	0.0	9.0	65.0	6.0	0.0	2.0	3.0
31	0.0	0.0	22.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0
Total	145.0	194.0	68.0	233.0	226.0	134.0	184.0	292.0	264.0	278.0	419.0	285.0
D. Ll.	7	8	4	16	16	11	11	13	19	17	23	21

TOTALES ANUALES 2722.0 mm. 166 Días lluvia

ESTACION: LA PALMERA **MUNICIPIO:** MARSELLA **AÑO:** 1.988

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	6.0	0.0	19.0	6.0	1.0	10.0	3.0	0.0	25.0	36.0	10.0
2	0.0	0.0	0.0	0.0	0.0	4.0	15.0	6.0	2.0	10.0	7.0	18.0
3	3.0	67.0	0.0	21.0	2.0	0.0	60.0	8.0	7.0	0.0	0.0	3.0
4	0.0	1.0	0.0	0.0	0.0	0.0	14.0	3.0	6.0	0.0	0.0	6.0
5	0.0	0.0	0.0	17.0	23.0	0.0	15.0	4.0	4.0	8.0	0.0	5.0
6	0.0	0.0	0.0	0.0	0.0	17.0	1.0	6.0	0.0	37.0	0.0	10.0
7	0.0	0.0	0.0	0.0	0.0	0.0	66.0	18.0	6.0	12.0	15.0	2.0
8	2.0	38.0	19.0	7.0	21.0	0.0	0.0	0.0	1.0	2.0	55.0	4.0
9	8.0	1.0	1.0	2.0	6.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0
10	9.0	0.0	0.0	33.0	0.0	3.0	2.0	0.0	20.0	3.0	33.0	0.0
11	0.0	0.0	0.0	1.0	10.0	12.0	0.0	0.0	18.0	0.0	0.0	0.0
12	0.0	66.0	5.0	48.0	3.0	3.0	1.0	30.0	36.0	10.0	20.0	16.0
13	0.0	0.0	0.0	0.0	17.0	2.0	2.0	5.0	18.0	21.0	30.0	11.0
14	2.0	0.0	0.0	49.0	0.0	0.0	0.0	15.0	0.0	20.0	15.0	8.0
15	20.0	6.0	0.0	8.0	2.0	0.0	0.0	10.0	0.0	7.0	52.0	0.0
16	9.0	0.0	1.0	0.0	0.0	17.0	0.0	32.0	0.0	0.0	0.0	10.0
17	4.0	0.0	0.0	0.0	62.0	2.0	5.0	0.0	3.0	24.0	0.0	6.0
18	5.0	0.0	0.0	0.0	0.0	20.0	0.0	1.0	16.0	0.0	0.0	0.0
19	17.0	0.0	0.0	4.0	29.0	0.0	0.0	66.0	2.0	0.0	0.0	0.0
20	2.0	0.0	0.0	7.0	0.0	0.0	0.0	6.0	36.0	0.0	3.0	0.0
21	0.0	0.0	0.0	5.0	2.0	24.0	0.0	17.0	0.0	15.0	26.0	0.0
22	1.0	0.0	1.0	4.0	0.0	36.0	0.0	0.0	1.0	0.0	6.0	0.0
23	0.0	0.0	0.0	0.0	2.0	5.0	0.0	44.0	10.0	0.0	0.0	0.0
24	3.0	0.0	0.0	16.0	0.0	1.0	38.0	0.0	0.0	32.0	2.0	0.0
25	2.0	31.0	0.0	17.0	20.0	0.0	3.0	10.0	0.0	0.0	35.0	5.0
26	0.0	30.0	0.0	20.0	0.0	3.0	14.0	42.0	0.0	0.0	0.0	0.0
27	0.0	0.0	2.0	27.0	15.0	0.0	0.0	0.0	0.0	48.0	38.0	4.0
28	0.0	0.0	0.0	0.0	0.0	0.0	16.0	2.0	9.0	44.0	0.0	0.0
29	0.0	0.0	14.0	9.0	72.0	0.0	10.0	25.0	31.0	8.0	5.0	25.0
30	0.0	0.0	0.0	61.0	0.0	1.0	5.0	41.0	10.0	0.0	15.0	5.0
31	0.0	0.0	8.0	0.0	3.0	0.0	0.0	9.0	0.0	0.0	0.0	10.0
Total	87.0	266.0	51.0	375.0	295.0	153.0	257.0	403.0	236.0	326.0	402.0	158.0
D. Ll.	14	9	8	20	17	17	17	23	19	17	18	18

TOTALES ANUALES 3049.0 mm. 197 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: 1.988

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	7.0	0.0	40.0	2.8	0.0	10.0	0.0	6.5	0.0	95.0	10.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	10.0	0.0	19.0	0.0
3	0.0	0.0	0.0	50.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	30.2	6.0	0.0	10.0	0.0	0.0	100.0	0.0	0.0
5	0.0	0.0	0.0	10.0	8.0	0.0	0.0	6.0	0.0	0.0	15.0	0.0
6	0.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	150.0	0.0	0.0
7	9.8	0.0	10.0	7.0	9.0	8.0	0.0	7.0	0.0	0.0	10.0	9.0
8	0.0	30.7	6.0	6.0	0.0	0.0	0.0	9.0	10.0	0.0	10.0	10.0
9	0.0	0.0	0.0	4.0	9.5	7.9	0.0	10.0	0.0	0.0	35.0	0.0
10	0.0	0.0	5.0	3.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	7.0
11	0.0	0.0	0.0	6.0	0.0	20.0	0.0	6.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	8.0	10.0	0.0	9.0	5.0	0.0	35.0	0.0
13	0.0	0.0	0.0	6.0	7.0	0.0	0.0	3.0	0.0	0.0	100.0	0.0
14	0.0	0.0	0.0	30.2	6.0	0.0	0.0	10.0	6.0	0.0	18.0	0.0
15	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0
16	9.0	0.0	0.0	7.0	9.7	0.0	0.0	0.0	0.0	0.0	10.0	0.0
17	8.0	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	5.0	0.0	10.0
18	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	6.0	0.0	0.0
19	0.0	0.0	0.0	10.0	0.0	0.0	9.0	0.0	0.0	0.0	5.0	0.0
20	0.0	0.0	0.0	0.0	0.0	6.0	0.0	5.0	0.0	0.0	0.0	0.0
21	20.0	0.0	0.0	0.0	0.0	5.8	10.0	2.0	0.0	10.0	0.0	5.0
22	0.0	6.0	0.0	0.0	6.0	0.0	5.0	0.0	0.0	9.0	0.0	0.0
23	0.0	10.0	0.0	0.0	7.0	4.0	6.0	9.0	0.0	0.0	0.0	0.0
24	0.0	6.0	0.0	3.0	0.0	0.0	7.0	15.0	0.0	0.0	0.0	0.0
25	9.0	9.0	0.0	90.0	10.0	0.0	0.0	10.0	10.0	0.0	15.0	0.0
26	0.0	0.0	8.0	10.3	0.0	0.0	9.5	9.1	5.0	95.0	9.0	10.0
27	0.0	0.0	0.0	0.0	10.0	0.0	10.0	10.0	0.0	10.0	0.0	10.0
28	0.0	0.0	0.0	6.0	6.1	6.0	20.0	0.0	0.0	15.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	25.0	0.0	0.0
30	0.0	0.0	0.0	1.0	0.0	0.0	10.0	15.0	0.0	100.0	0.0	0.0
31	0.0	0.0	6.0	0.0	0.0	0.0	9.0	9.0	0.0	10.0	0.0	0.0
Total	65.8	68.7	35.0	319.7	135.1	77.5	145.2	169.2	52.5	545.0	376.0	76.0
D. Ll.	6	6	5	18	17	9	15	21	7	13	13	9

TOTALES ANUALES 2063.7 139 Días lluvia

ESTACION: CASA BLANCA MUNICIPIO: MARSELLA AÑO: 1.988

ALTITUD 1.620 LATITUD: 4-55 N. LONGITUD: 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1					4.0	0.0	0.0	0.0	4.0	69.0	9.0	10.0
2					3.0	5.0	20.0	3.0	8.0	42.0	3.0	0.0
3					0.0	0.0	16.0	4.0	0.0	24.0	0.0	17.0
4					2.0	0.0	30.0	0.0	0.0	2.0	0.0	11.0
5					30.0	6.0	21.0	1.0	5.0	0.0	0.0	8.0
6					0.0	1.0	5.0	10.0	8.0	68.0	3.0	10.0
7					0.0	0.0	5.0	5.0	0.0	7.0	4.0	12.0
8					30.0	9.0	0.0	7.0	0.0	10.0	16.0	1.0
9					0.0	1.0	0.0	10.0	10.0	0.0	14.0	0.0
10					0.0	0.0	2.0	0.0	0.0	0.0	62.0	0.0
11					0.0	0.0	9.0	0.0	22.0	8.0	15.0	0.0
12					4.0	3.0	6.0	25.0	23.0	7.0	34.0	12.0
13					10.0	5.0	0.0	9.0	12.0	14.0	60.0	36.0
14					1.0	5.0	0.0	13.0	3.0	4.0	42.0	0.0
15					3.0	0.0	0.0	9.0	21.0	0.0	2.0	0.0
16					3.0	12.0	0.0	2.0	0.0	19.0	2.0	0.0
17					86.0	0.0	3.0	0.0	0.0	0.0	2.0	0.0
18					0.0	29.0	0.0	0.0	20.0	0.0	0.0	25.0
19					12.0	0.0	0.0	70.0	6.0	0.0	4.0	0.0
20					3.0	1.0	4.0	40.0	13.0	49.0	8.0	0.0
21					0.0	0.0	0.0	12.0	0.0	0.0	17.0	0.0
22					0.0	31.0	0.0	13.0	5.0	0.0	13.0	22.0
23					0.0	43.0	2.0	21.0	0.0	0.0	7.0	0.0
24					0.0	20.0	9.0	0.0	0.0	19.0	7.0	16.0
25					72.0	2.0	0.0	9.0	0.0	0.0	7.0	9.0
26					8.0	0.0	26.0	36.0	1.0	5.0	0.0	0.0
27					64.0	1.0	0.0	0.0	0.0	0.0	4.0	18.0
28					0.0	1.0	7.0	0.0	0.0	10.0	8.0	5.0
29					54.0	2.0	24.0	22.0	35.0	0.0	9.0	4.0
30					0.0	5.0	3.0	25.0	20.0	2.0	7.0	26.0
31					1.0	0.0	3.0	23.0	0.0	0.0	0.0	0.0
Total					390.0	182.0	195.0	369.0	216.0	359.0	359.0	242.0
D. Ll.					18	19	18	22	17	17	25	17

TOTALES ANUALES 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:** 1.988

ALTITUD: 1.450 **LATITUD:** 4-50 N. **LONGITUD:** 75-41 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	10.0	0.0	30.0	15.0	0.0	21.0	33.0	3.0
2	40.0	0.0	0.0	0.0	6.0	0.0	35.0	0.0	7.0	37.0	0.0	7.0
3	0.0	0.0	0.0	34.0	0.0	0.0	20.0	1.0	5.0	0.0	0.0	10.0
4	0.0	0.0	0.0	0.0	16.0	4.0	16.0	0.0	15.0	20.0	0.0	33.0
5	0.0	5.0	0.0	7.0	0.0	0.0	17.0	1.0	16.0	9.0	0.0	3.0
6	0.0	0.0	0.0	8.0	1.0	0.0	2.0	20.0	1.0	50.0	0.0	20.0
7	6.0	0.0	12.0	13.0	6.0	0.0	0.0	0.0	2.0	20.0	0.0	0.0
8	0.0	40.0	79.0	15.0	9.0	4.0	2.0	6.0	1.0	25.0	0.0	0.0
9	0.0	34.0	20.0	13.0	0.0	0.0	13.0	0.0	11.0	10.0	0.0	0.0
10	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	46.0	16.0	0.0	0.0
11	0.0	31.0	0.0	12.0	0.0	0.0	0.0	0.0	38.0	20.0	0.0	0.0
12	0.0	0.0	0.0	81.0	4.0	10.0	0.0	0.0	12.0	10.0	30.0	11.0
13	0.0	0.0	0.0	2.0	0.0	11.0	0.0	10.0	11.0	18.0	26.0	0.0
14	0.0	0.0	0.0	14.0	0.0	4.0	25.0	0.0	0.0	29.0	18.0	0.0
15	7.0	0.0	0.0	3.0	0.0	6.0	0.0	3.0	10.0	0.0	34.0	20.0
16	12.0	0.0	0.0	19.0	36.0	3.0	0.0	0.0	5.0	7.0	6.0	28.0
17	6.0	0.0	0.0	4.0	21.0	9.0	0.0	0.0	2.0	11.0	0.0	20.0
18	74.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	7.0	0.0	0.0	9.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	6.0	0.0	22.0	0.0
20	2.0	0.0	0.0	3.0	0.0	0.0	5.0	20.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	49.0	0.0
22	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	21.0
23	0.0	0.0	0.0	0.0	0.0	15.0	0.0	6.0	0.0	0.0	3.0	0.0
24	0.0	6.0	0.0	36.0	13.0	41.0	0.0	1.0	0.0	0.0	0.0	0.0
25	0.0	22.0	0.0	0.0	34.0	0.0	0.0	2.0	0.0	0.0	26.0	0.0
26	0.0	30.0	0.0	4.0	0.0	0.0	18.0	0.0	0.0	10.0	0.0	0.0
27	0.0	10.0	0.0	35.0	30.0	0.0	0.0	0.0	0.0	9.0	23.0	61.0
28	0.0	0.0	3.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	11.0
29	0.0	0.0	2.0	0.0	28.0	6.0	25.0	32.0	56.0	0.0	14.0	0.0
30	0.0	0.0	7.0	19.0	0.0	0.0	30.0	34.0	10.0	0.0	7.0	5.0
31	0.0	0.0	5.0	0.0	0.0	0.0	0.0	43.0	0.0	0.0	0.0	10.0
Total	147.0	178.0	128.0	331.0	214.0	133.0	262.0	264.0	261.0	322.0	291.0	272.0
D. Ll.	7	8	7	19	13	12	15	16	19	17	13	16

TOTALES ANUALES 2603.0 mm. 162 Días lluvia

ESTACION: EL CASTILLO **MUNICIPIO:** SANTA ROSA **AÑO:** 1.988

ALTITUD: 1.550 **LATITUD:** 04-56 N. **LONGITUD:** 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	10.0	20.0	0.0	40.0	0.0	0.0	5.0	10.0	10.0
2	0.0	5.0	0.0	5.0	0.0	0.0	35.0	5.0	10.0	5.0	5.0	40.0
3	0.0	10.0	0.0	25.0	0.0	0.0	55.0	0.0	0.0	20.0	10.0	10.0
4	0.0	0.0	0.0	0.0	0.0	30.0	10.0	0.0	20.0	10.0	0.0	5.0
5	5.0	0.0	0.0	35.0	5.0	0.0	25.0	0.0	5.0	20.0	5.0	10.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	40.0	0.0	40.0
7	0.0	5.0	0.0	10.0	0.0	0.0	5.0	0.0	5.0	10.0	5.0	10.0
8	0.0	45.0	0.0	15.0	70.0	0.0	10.0	10.0	10.0	5.0	10.0	0.0
9	0.0	0.0	70.0	10.0	5.0	0.0	0.0	5.0	15.0	0.0	0.0	0.0
10	0.0	15.0	10.0	0.0	0.0	30.0	15.0	0.0	10.0	0.0	15.0	0.0
11	0.0	20.0	0.0	75.0	0.0	20.0	0.0	0.0	20.0	10.0	0.0	0.0
12	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	5.0	20.0	5.0
13	0.0	15.0	0.0	0.0	20.0	0.0	0.0	0.0	20.0	25.0	30.0	0.0
14	0.0	10.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0
15	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	25.0	0.0
16	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	5.0
17	0.0	0.0	0.0	5.0	35.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
18	25.0	5.0	0.0	0.0	0.0	10.0	0.0	5.0	130.0	0.0	10.0	20.0
19	20.0	0.0	0.0	0.0	10.0	5.0	0.0	60.0	5.0	0.0	0.0	0.0
20	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	10.0	0.0	0.0	15.0	65.0	20.0	5.0	0.0
22	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	25.0	0.0	20.0	10.0
23	0.0	0.0	0.0	5.0	0.0	5.0	0.0	10.0	5.0	0.0	15.0	0.0
24	0.0	10.0	0.0	0.0	0.0	40.0	35.0	0.0	0.0	0.0	10.0	0.0
25	0.0	5.0	0.0	0.0	10.0	0.0	5.0	5.0	0.0	15.0	40.0	10.0
26	0.0	0.0	0.0	15.0	40.0	0.0	15.0	20.0	0.0	0.0	0.0	0.0
27	0.0	30.0	0.0	5.0	10.0	5.0	0.0	0.0	0.0	5.0	40.0	5.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	5.0	10.0
29	5.0	0.0	10.0	0.0	30.0	0.0	10.0	15.0	35.0	0.0	10.0	0.0
30	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
31	10.0	0.0	75.0	0.0	0.0	0.0	50.0	25.0	0.0	30.0	0.0	0.0
Total	65.0	185.0	165.0	260.0	265.0	170.0	310.0	230.0	385.0	280.0	305.0	190.0
D. Ll.	5	13	4	17	12	10	13	15	16	19	21	14

TOTALES ANUALES 2810.0 mm. 159 Días lluvia

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

ESTACION: LOS CAMBULOS — MUNICIPIO: PEREIRA — AÑO: 1.988

ALTITUD: 1.240 — LATITUD: 4-49 N. — LONGITUD: 75-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	6.0	0.0	3.0	0.0	0.0			
2	0.0	1.0	0.0	0.0	0.0	4.0	15.0	8.0	6.0			
3	6.0	1.0	0.0	24.0	0.0	0.0	25.0	0.0	0.0			
4	0.0	1.0	0.0	0.0	2.0	4.0	9.0	55.0	0.0			
5	0.0	17.0	0.0	45.0	2.0	0.0	9.0	0.0	0.0			
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0			
7	2.0	0.0	4.0	0.0	0.0	0.0	1.0	0.0	1.0			
8	0.0	9.0	25.0	29.0	28.0	0.0	0.0	1.0	11.0			
9	0.0	0.0	37.0	0.0	0.0	4.0	0.0	0.0	0.0			
10	0.0	0.0	0.0	8.0	0.0	0.0	0.0	8.0	0.0			
11	0.0	0.0	0.0	0.0	1.0	0.0	2.0	0.0	31.0			
12	0.0	12.0	0.0	31.0	16.0	0.0	4.0	2.0	20.0			
13	0.0	0.0	0.0	1.0	3.0	4.0	0.0	0.0	6.0			
14	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0			
15	46.0	0.0	0.0	0.0	0.0	7.0	0.0	5.0	27.0			
16	30.0	0.0	0.0	5.0	0.0	25.0	0.0	11.0	0.0			
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0			
18	1.0	0.0	0.0	0.0	1.0	7.0	0.0	0.0	15.0			
19	0.0	0.0	0.0	2.0	0.0	0.0	0.0	44.0	1.0			
20	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	5.0			
21	21.0	0.0	0.0	0.0	3.0	0.0	0.0	31.0	0.0			
22	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	9.0			
23	0.0	1.0	0.0	8.0	0.0	0.0	0.0	12.0	0.0			
24	0.0	17.0	0.0	0.0	0.0	12.0	0.0	0.0	9.0			
25	0.0	38.0	0.0	0.0	58.0	0.0	12.0	0.0	0.0			
26	0.0	12.0	0.0	31.0	24.0	0.0	2.0	32.0	3.0			
27	0.0	0.0	6.0	2.0	50.0	41.0	0.0	0.0	0.0			
28	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
29	0.0	0.0	0.0	0.0	14.0	20.0	7.0	17.0	35.0			
30	4.0	0.0	0.0	0.0	0.0	2.0	0.0	18.0	4.0			
31	0.0	0.0	6.0	0.0	0.0	0.0	10.0	8.0	0.0			
Total	116.0	109.0	78.0	208.0	208.0	141.0	104.0	254.0	194.0			
D. Ll.	8	10	5	13	13	12	13	15	16			

TOTALES ANUALES — mm. — Días lluvia

ESTACION: TESORITO — MUNICIPIO: LA CELIA — AÑO: 1.988

ALTITUD: 1.500 — LATITUD: 5-00 N. — LONGITUD: 76-01 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	5.0	7.0	25.0	3.0			4.0	18.0
2	0.0	0.0	0.0	19.0	0.0	2.0	11.0	6.0			0.0	19.0
3	0.0	15.0	0.0	55.0	0.0	0.0	61.0	1.0			5.0	2.0
4	0.0	13.0	0.0	2.0	0.0	0.0	38.0	0.0			0.0	0.0
5	0.0	0.0	0.0	22.0	11.0	0.0	41.0	0.0			2.0	9.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			17.0	15.0
7	21.0	0.0	1.0	0.0	0.0	0.0	12.0	1.0			21.0	0.0
8	0.0	39.0	0.0	1.0	7.0	0.0	0.0	0.0			1.0	0.0
9	0.0	1.0	67.0	6.0	25.0	0.0	0.0	0.0			2.0	0.0
10	0.0	13.0	4.0	0.0	2.0	0.0	1.0	10.0			45.0	2.0
11	0.0	0.0	0.0	37.0	7.0	2.0	0.0	0.0			26.0	0.0
12	0.0	0.0	0.0	0.0	3.0	3.0	0.0	4.0			20.0	2.0
13	0.0	0.0	0.0	45.0	43.0	4.0	0.0	0.0			12.0	0.0
14	6.0	0.0	0.0	23.0	0.0	30.0	0.0	0.0			5.0	4.0
15	2.0	0.0	0.0	8.0	10.0	4.0	0.0	0.0			5.0	0.0
16	7.0	0.0	0.0	1.0	1.0	8.0	0.0	3.0			9.0	3.0
17	5.0	0.0	0.0	3.0	38.0	31.0	0.0	10.0			2.0	2.0
18	1.0	0.0	0.0	1.0	0.0	15.0	0.0	21.0			2.0	0.0
19	29.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0			4.0	6.0
20	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0			14.0	0.0
21	0.0	0.0	0.0	1.0	30.0	0.0	0.0	7.0			0.0	2.0
22	0.0	0.0	0.0	0.0	6.0	17.0	0.0	0.0			22.0	0.0
23	0.0	0.0	0.0	0.0	0.0	11.0	0.0	4.0			3.0	0.0
24	0.0	6.0	0.0	0.0	0.0	0.0	3.0	0.0			12.0	4.0
25	0.0	0.0	0.0	0.0	22.0	48.0	21.0	5.0			0.0	38.0
26	0.0	0.0	0.0	2.0	6.0	0.0	3.0	4.0			5.0	0.0
27	0.0	73.0	0.0	2.0	11.0	2.0	0.0	0.0			3.0	10.0
28	0.0	0.0	0.0	6.0	2.0	0.0	0.0	0.0			5.0	7.0
29	0.0	0.0	0.0	3.0	55.0	1.0	15.0	10.0			11.0	10.0
30	4.0	0.0	5.0	40.0	0.0	0.0	4.0	0.0			15.0	3.0
31	0.0	0.0	2.0	0.0	0.0	0.0	0.0	22.0			0.0	6.0
Total	75.0	160.0	79.0	280.0	284.0	185.0	255.0	141.0			272.0	162.0
D. Ll.	8	7	5	20	18	15	12	16			26	19

TOTALES ANUALES — mm. — Días lluvia

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

ESTACION: HIROSHIMA **MUNICIPIO:** PEREIRA **AÑO:** 1.988

ALTITUD: 1.340 **LATITUD:** 4-46 N. **LONGITUD:** 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	15.0	15.0	6.0	10.0	5.0	0.0	39.0	54.0	4.0
2	0.0	0.0	0.0	5.0	0.0	13.0	7.0	8.0	4.0	41.0	12.0	4.0
3	0.0	19.0	0.0	47.0	0.0	0.0	19.0	0.0	0.0	8.0	2.0	36.0
4	0.0	0.0	0.0	0.0	12.0	5.0	17.0	0.0	25.0	0.0	3.0	4.5
5	8.3	23.0	0.0	27.0	9.0	0.0	14.0	0.0	0.0	37.0	3.5	11.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	44.0	10.0
7	0.0	28.0	39.0	0.0	1.0	6.0	0.0	5.0	0.0	4.0	19.0	0.0
8	0.0	0.0	9.5	7.0	11.0	0.0	6.0	0.0	0.0	0.0	4.0	0.0
9	0.0	23.0	0.0	9.0	13.0	5.0	2.0	0.0	21.0	0.0	6.0	0.0
10	20.0	0.0	0.0	5.0	0.0	0.0	0.0	8.0	6.0	0.0	66.0	0.0
11	0.0	41.0	0.0	0.0	12.0	0.0	16.0	0.0	32.0	18.0	10.0	4.0
12	0.0	0.0	0.0	59.0	14.0	0.0	0.0	3.0	33.0	27.0	46.0	11.0
13	0.0	0.0	0.0	2.0	9.0	0.0	0.0	0.0	0.0	18.0	57.0	11.0
14	20.0	0.0	0.0	12.0	2.0	4.0	6.0	5.0	23.0	4.0	5.0	0.0
15	0.0	0.0	0.0	0.0	11.0	0.0	2.0	18.0	25.0	0.0	0.0	1.0
16	40.0	0.0	0.0	0.5	0.0	7.0	4.0	0.0	17.0	19.0	0.0	29.0
17	0.0	0.0	0.0	5.0	6.0	0.0	15.0	2.0	3.0	0.0	0.0	11.0
18	28.0	0.0	0.0	0.0	4.0	3.0	17.0	6.0	1.5	0.0	3.0	19.0
19	28.0	0.0	0.0	3.0	0.0	0.0	19.0	45.0	18.0	0.0	8.0	3.0
20	6.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	16.0	0.0
21	2.5	0.0	0.0	0.0	10.0	0.0	0.0	23.0	6.0	0.0	0.0	0.0
22	0.0	0.0	0.0	7.0	5.0	11.0	12.0	0.0	2.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	3.0	17.0	10.0	3.0	7.0	0.0	0.0
24	0.0	0.0	0.0	27.0	4.0	43.0	0.0	9.0	0.0	4.0	43.0	2.0
25	0.0	0.0	0.0	0.0	41.0	0.0	0.5	0.0	12.0	0.0	0.0	3.0
26	0.0	0.0	2.0	8.0	48.0	2.0	2.0	55.0	2.0	2.0	7.0	0.0
27	0.0	0.0	3.5	32.0	59.0	0.0	5.0	0.0	0.0	7.0	18.0	12.0
28	0.0	31.0	0.0	0.0	0.0	4.0	0.0	1.0	4.0	10.0	27.0	28.0
29	10.0	9.2	9.1	0.0	28.0	0.0	3.0	23.0	18.0	0.0	0.0	37.0
30	18.0	0.0	11.0	24.0	0.0	7.0	28.0	4.0	6.0	0.0	4.0	10.0
31	8.0	0.0	0.0	0.0	3.0	0.0	0.0	6.0	0.0	23.0	0.0	45.0
Total	188.8	174.2	74.1	294.5	317.0	119.0	230.5	236.0	261.5	280.0	457.5	295.5
D. Ll.	11	7	6	18	21	14	22	18	20	17	22	21

TOTALES ANUALES 2928.6 mm. 197 Dias lluvia

ESTACION: CUMBIA **MUNICIPIO:** PEREIRA **AÑO:** 1.988

ALTITUD: 1.350 **LATITUD:** 4-50 N. **LONGITUD:** 75-50 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	17.0	1.0	1.0	18.0	0.0	30.0	23.0	6.0
2	0.0	0.0	0.0	1.0	3.0	3.0	20.0	1.0	2.0	10.0	10.0	7.0
3	1.0	3.0	0.0	25.0	0.0	0.0	55.0	0.0	1.0	0.0	0.0	0.0
4	0.0	0.0	0.0	1.0	3.0	0.0	17.0	0.0	0.0	2.0	4.0	5.0
5	0.0	4.0	0.0	20.0	10.0	0.0	5.0	0.0	0.0	1.0	7.0	5.0
6	1.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	5.0	43.0	1.0	0.0
7	6.0	0.0	0.0	5.0	0.0	0.0	1.0	0.0	1.0	1.0	42.0	15.0
8	0.0	13.0	20.0	1.0	67.0	0.0	0.0	3.0	0.0	1.0	4.0	0.0
9	0.0	1.0	42.0	32.0	1.0	0.0	0.0	0.0	10.0	3.0	20.0	1.0
10	0.0	0.0	0.0	5.0	0.0	0.0	2.0	7.0	8.0	0.0	33.0	0.0
11	0.0	0.0	0.0	2.0	2.0	6.0	9.0	0.0	35.0	12.0	35.0	0.0
12	0.0	37.0	0.0	35.0	15.0	1.0	1.0	9.0	17.0	28.0	22.0	2.0
13	0.0	0.0	0.0	1.0	5.0	1.0	0.0	0.0	7.0	15.0	23.0	5.0
14	0.0	0.0	0.0	2.0	0.0	0.0	3.0	1.0	0.0	21.0	35.0	2.0
15	2.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	5.0	1.0	16.0	4.0
16	7.0	0.0	0.0	6.0	11.0	6.0	0.0	0.0	2.0	0.0	3.0	25.0
17	15.0	0.0	0.0	1.0	3.0	25.0	1.0	2.0	3.0	15.0	2.0	2.0
18	4.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	5.0	0.0	25.0
19	0.0	0.0	0.0	0.0	10.0	0.0	0.0	65.0	2.0	0.0	0.0	1.0
20	13.0	0.0	0.0	5.0	3.0	0.0	2.0	20.0	5.0	0.0	1.0	0.0
21	5.0	0.0	0.0	1.0	2.0	0.0	0.0	19.0	4.0	25.0	20.0	0.0
22	12.0	0.0	0.0	1.0	0.0	15.0	0.0	1.0	17.0	0.0	7.0	4.0
23	0.0	0.0	1.0	0.0	1.0	5.0	1.0	2.0	9.0	0.0	0.0	0.0
24	0.0	0.0	0.0	10.0	5.0	14.0	21.0	10.0	7.0	7.0	0.0	23.0
25	0.0	51.0	0.0	0.0	74.0	0.0	20.0	0.0	0.0	0.0	30.0	2.0
26	0.0	4.0	0.0	20.0	11.0	0.0	7.0	56.0	1.0	2.0	0.0	1.0
27	0.0	16.0	0.0	6.0	98.0	16.0	0.0	1.0	0.0	0.0	25.0	10.0
28	5.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	1.0	27.0	6.0
29	0.0	0.0	1.0	0.0	31.0	1.0	15.0	45.0	17.0	17.0	25.0	10.0
30	1.0	0.0	9.0	11.0	0.0	1.0	0.0	11.0	6.0	1.0	15.0	1.0
31	0.0	0.0	26.0	0.0	3.0	0.0	1.0	7.0	0.0	0.0	0.0	0.0
Total	72.0	129.0	99.0	193.0	376.0	95.0	182.0	294.0	169.0	241.0	430.0	162.0
D. Ll.	12	8	6	23	22	13	18	21	22	21	24	22

TOTALES ANUALES 2442.0 mm. 212 Dias lluvia

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

ESTACION: LA PLAYA **MUNICIPIO:** PEREIRA **AÑO:** 1.988

ALTITUD: 1.350 **LATITUD:** 4-45 N. **LONGITUD:** 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	34.0	33.0	0.0
2	0.0	0.0	0.0	0.0	7.0	7.0	28.0	0.0	0.0	15.0	18.0	5.0
3	4.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
4	0.0	3.0	0.0	0.0	5.0	0.0	63.0	0.0	0.0	0.0	9.0	9.0
5	0.0	0.0	0.0	15.0	0.0	0.0	5.0	0.0	0.0	0.0	4.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	6.0	36.0	0.0	5.0
7	6.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
8	0.0	18.0	26.0	6.0	59.0	0.0	0.0	3.0	0.0	0.0	10.0	4.0
9	0.0	0.0	23.0	15.0	0.0	0.0	0.0	0.0	0.0	5.0	12.0	0.0
10	0.0	0.0	0.0	5.0	0.0	0.0	0.0	5.0	24.0	0.0	14.0	0.0
11	0.0	0.0	0.0	51.0	0.0	8.0	9.0	0.0	40.0	23.0	0.0	0.0
12	0.0	35.0	0.0	0.0	16.0	0.0	0.0	0.0	21.0	21.0	33.0	0.0
13	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	7.0	10.0	20.0	11.0
14	3.0	0.0	0.0	5.0	5.0	0.0	5.0	0.0	0.0	22.0	61.0	0.0
15	4.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	6.0	0.0	21.0	5.0
16	16.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0
17	0.0	0.0	0.0	0.0	16.0	19.0	0.0	0.0	0.0	19.0	0.0	3.0
18	18.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	7.0
19	0.0	0.0	0.0	0.0	15.0	0.0	0.0	47.0	0.0	0.0	0.0	13.0
20	0.0	0.0	0.0	0.0	0.0	0.0	4.0	18.0	32.0	0.0	4.0	0.0
21	6.0	0.0	0.0	9.0	5.0	0.0	0.0	15.0	0.0	31.0	28.0	0.0
22	0.0	0.0	0.0	0.0	0.0	17.0	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	2.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	21.0	14.0	24.0	4.0	11.0	21.0	0.0	0.0	19.0
25	0.0	40.0	0.0	0.0	48.0	0.0	27.0	0.0	0.0	0.0	25.0	20.0
26	0.0	18.0	0.0	26.0	5.0	0.0	0.0	60.0	0.0	8.0	0.0	0.0
27	0.0	0.0	0.0	16.0	86.0	24.0	0.0	0.0	0.0	0.0	15.0	5.0
28	3.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	15.0	33.0	9.0
29	0.0	0.0	7.0	0.0	35.0	0.0	32.0	51.0	34.0	6.0	26.0	19.0
30	0.0	0.0	12.0	10.0	0.0	0.0	20.0	24.0	0.0	0.0	57.0	0.0
31	0.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0
Total	60.0	114.0	106.0	244.0	322.0	99.0	197.0	283.0	196.0	245.0	443.0	178.0
D. Ll.	8	5	5	14	14	6	10	15	10	13	19	16

TOTALES ANUALES 2487.0 mm. 135 Dias lluvia

ESTACION: LA RENTA **MUNICIPIO:** PEREIRA **AÑO:** 1.988

ALTITUD: 1.250 **LATITUD:** 4-47 N. **LONGITUD:** 75-42 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	2.0	0.0	3.0	2.0	0.0	33.0	16.0	3.0
2	0.0	0.0	0.0	0.0	1.0	4.0	8.0	1.0	12.0	11.0	8.0	5.0
3	0.0	20.1	0.0	39.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	2.0	1.0	8.0	1.0	0.0	2.0	0.0	34.0
5	0.0	20.5	0.0	35.0	2.0	4.0	9.0	0.0	0.0	5.0	3.0	3.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	12.0	32.0	0.0	0.0
7	0.0	0.0	0.0	25.0	0.0	0.0	0.0	1.0	3.0	0.0	25.0	7.0
8	0.0	10.4	18.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	11.0	0.0
9	0.0	0.0	25.0	10.0	1.0	0.0	0.0	0.0	12.0	3.0	17.0	0.0
10	0.0	1.0	0.0	9.0	0.0	0.0	6.0	1.0	6.0	0.0	58.0	0.0
11	0.0	0.0	0.0	1.0	8.0	3.0	6.0	0.0	31.0	3.0	14.0	0.0
12	0.0	30.2	0.0	62.0	12.0	1.0	4.0	0.0	23.0	22.0	19.0	17.0
13	0.0	0.0	0.0	1.0	5.0	14.0	0.0	0.0	16.0	4.0	66.0	5.0
14	5.0	0.0	0.0	11.0	0.0	0.0	0.0	2.0	0.0	19.0	25.0	0.0
15	25.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	28.0	1.0	43.0	1.0
16	20.0	0.0	0.0	0.0	0.0	5.0	0.0	15.0	6.0	0.0	2.0	14.0
17	1.5	0.0	0.0	0.0	0.0	0.0	3.0	2.0	1.0	18.0	0.0	0.0
18	0.0	0.0	0.0	0.0	2.0	1.0	0.0	11.0	7.0	0.0	0.0	29.0
19	7.5	0.0	0.0	0.0	24.0	0.0	10.0	42.0	12.0	0.0	0.0	0.0
20	3.5	0.0	0.0	3.0	2.0	0.0	2.0	6.0	9.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	1.0	0.0	3.0	20.0	0.0	10.0	19.0	0.0
22	0.0	4.0	0.0	1.0	0.0	13.0	2.0	0.0	3.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	0.0
24	0.0	5.0	0.0	12.0	1.0	36.0	2.0	1.0	6.0	24.0	0.0	2.0
25	0.0	38.0	0.0	0.0	16.0	0.0	24.0	0.0	0.0	0.0	24.0	17.0
26	0.0	3.0	0.0	2.0	70.0	0.0	1.0	60.0	33.0	18.0	0.0	1.0
27	0.0	3.0	0.0	13.0	43.0	2.0	0.0	0.0	0.0	0.0	1.0	5.0
28	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	1.0	41.0	37.0	6.0
29	0.0	0.0	0.0	0.0	24.0	1.0	5.0	31.0	35.0	0.0	16.0	11.0
30	5.5	0.0	11.0	19.0	0.0	3.0	6.0	6.0	14.0	0.0	22.0	13.0
31	0.0	0.0	26.0	0.0	1.0	0.0	0.0	6.0	0.0	0.0	0.0	1.0
Total	68.0	135.2	80.0	243.0	217.0	94.0	127.0	215.0	270.0	247.0	466.0	174.0
D. Ll.	7	10	4	15	18	15	19	20	20	17	19	18

TOTALES ANUALES 2336.2 mm. 182 Dias lluvia

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

ESTACION: EL ENCANTO **MUNICIPIO:** PEREIRA **AÑO:** 1.988

ALTITUD: 1.400 **LATITUD:** 4-50 N. **LONGITUD:** 75-44 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		0.0	0.0	41.0	19.0	0.0	12.0	24.0	8.0	62.0		
2		0.0	0.0	0.0	2.0	0.0	25.0	0.0	21.0	7.0		
3		0.0	0.0	40.0	0.0	5.0	65.0	0.0	0.0	0.0		
4		0.0	0.0	0.0	0.0	0.0	21.0	0.0	14.0	13.0		
5		0.0	0.0	14.0	0.0	0.0	0.0	9.0	9.0	4.0		
6		0.0	0.0	19.0	0.0	0.0	8.0	11.0	0.0	0.0		
7		0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0		
8		0.0	27.0	0.0	0.0	0.0	11.0	14.0	5.0	8.0		
9		0.0	33.0	12.0	0.0	0.0	5.0	5.0	12.0	0.0		
10		0.0	0.0	37.0	0.0	0.0	3.0	0.0	20.0	19.0		
11		0.0	0.0	0.0	0.0	0.0	7.0	17.0	38.0	14.0		
12		44.0	0.0	28.0	8.0	0.0	14.0	8.0	30.0	0.0		
13		0.0	0.0	15.0	18.0	8.0	0.0	0.0	17.0	0.0		
14		0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	11.0		
15		0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0		
16		0.0	0.0	19.0	42.0	10.0	0.0	0.0	3.0	0.0		
17		0.0	0.0	2.0	0.0	0.0	5.0	3.0	28.0	17.0		
18		0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0		
19		0.0	0.0	0.0	22.0	0.0	15.0	57.0	14.0	0.0		
20		0.0	0.0	13.0	0.0	0.0	0.0	45.0	27.0	0.0		
21		0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0		
22		0.0	0.0	0.0	0.0	30.0	12.0	0.0	0.0	0.0		
23		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0		
24		0.0	0.0	14.0	0.0	0.0	0.0	0.0	5.0	0.0		
25		52.0	0.0	17.0	59.0	0.0	64.0	0.0	0.0	0.0		
26		6.0	0.0	21.0	0.0	15.0	0.0	0.0	0.0	0.0		
27		15.0	0.0	0.0	68.0	0.0	0.0	0.0	0.0	5.0		
28		0.0	0.0	0.0	0.0	12.0	0.0	0.0	35.0	0.0		
29		0.0	0.0	0.0	39.0	0.0	0.0	0.0	0.0	0.0		
30		0.0	15.0	0.0	0.0	7.0	0.0	0.0	11.0	0.0		
31		0.0	0.0	0.0	2.0	0.0	0.0	17.0	0.0	0.0		
Total		117.0	80.0	292.0	279.0	87.0	267.0	248.0	315.0	189.0		
D. Ll.		4	4	14	10	7	14	14	18	12		
TOTALES ANUALES							mm.					Dias lluvia

ESTACION: LA ABUELITA **MUNICIPIO:** PEREIRA **AÑO:** 1.988

ALTITUD: 1.250 **LATITUD:** 4-44 N. **LONGITUD:** 75-47 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1						4.2	0.3	0.7	41.7	9.4	60.0	14.2
2						2.0	0.5	0.0	0.0	0.0	7.7	7.5
3						0.0	16.5	2.1	0.0	0.0	0.0	0.0
4						9.7	11.0	0.0	0.0	7.4	0.0	13.8
5						0.0	13.5	0.0	0.0	4.2	0.0	10.6
6						0.0	0.4	2.7	0.0	25.3	3.4	0.0
7						0.0	1.3	16.1	5.7	0.0	15.0	31.6
8					1.0	0.0	0.0	0.6	9.6	0.0	7.4	0.0
9					0.1	0.0	1.2	0.0	7.3	4.2	9.7	0.0
10					0.2	0.0	1.9	6.4	0.0	0.0	62.6	0.0
11					15.8	0.0	0.7	0.0	8.2	0.0	7.8	0.0
12					20.0	5.2	1.7	2.6	35.2	13.8	3.2	1.2
13					8.9	9.4	0.0	0.0	20.7	21.1	41.7	3.9
14					0.0	0.0	0.0	4.2	0.0	12.5	35.6	0.0
15					0.0	0.0	0.0	4.9	0.0	5.3	52.6	1.2
16					0.7	3.3	0.0	29.0	3.2	0.0	23.3	8.5
17					0.0	8.5	0.0	1.5	0.0	2.3	0.0	5.3
18					0.0	4.1	6.5	6.3	12.2	0.0	0.0	23.4
19					0.9	0.0	0.9	46.0	4.2	0.0	0.0	0.0
20					1.9	0.0	0.0	4.9	12.1	0.0	0.0	0.0
21					0.6	0.0	0.0	0.0	2.3	5.4	35.7	0.0
22					0.0	9.2	2.5	0.0	0.0	0.0	5.4	1.3
23					2.9	2.3	2.4	0.0	2.3	0.0	0.0	0.0
24					0.0	25.0	1.4	0.5	0.0	7.7	0.0	0.0
25					44.3	0.0	10.8	0.0	0.0	0.0	9.4	9.7
26					8.2	0.0	1.0	24.0	2.1	0.0	0.0	3.2
27					28.1	0.9	0.0	0.6	0.0	20.7	0.0	30.3
28					0.0	0.8	0.0	0.0	0.0	24.6	21.2	22.2
29					35.7	7.6	17.0	4.1	33.4	4.6	18.0	15.5
30					0.0	0.1	4.1	31.3	0.0	0.0	16.0	23.7
31					3.4	0.0	0.0	15.6	0.0	4.3	0.0	0.0
Total					172.7	92.3	95.6	204.1	200.2	172.8	435.7	227.1
D. Ll.					16	15	20	20	15	16	19	18
TOTALES ANUALES							mm.					Dias lluvia

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

ESTACION: LA TERESITA **MUNICIPIO:** STA ROSA CABAL **AÑO:** 1.988

ALTITUD: **LATITUD:** 4-57 N. **LONGITUD:** 75-37 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	15.0	3.0	0.0	42.0	2.0	30.0	7.0	16.0	8.0
2	13.0	0.0	0.0	4.0	5.0	4.0	52.0	11.0	12.0	10.0	13.0	40.0
3	0.0	15.0	0.0	30.0	3.0	0.0	68.0	16.0	5.0	14.0	2.0	7.0
4	0.0	5.0	0.0	0.0	12.0	0.0	15.0	0.0	8.0	2.0	0.0	26.0
5	0.0	0.0	0.0	57.0	21.0	5.0	35.0	0.0	5.0	34.0	5.0	20.0
6	0.0	0.0	0.0	0.0	1.0	0.0	2.0	21.0	14.0	46.0	5.0	35.0
7	5.0	0.0	0.0	22.0	0.0	0.0	5.0	6.0	3.0	4.0	16.0	25.0
8	0.0	48.0	0.0	0.0	45.0	0.0	2.0	18.0	20.0	15.0	2.0	3.0
9	0.0	3.0	92.0	16.0	5.0	4.0	6.0	6.0	5.0	2.0	17.0	0.0
10	0.0	24.0	15.0	23.0	0.0	30.0	16.0	2.0	15.0	0.0	40.0	0.0
11	0.0	15.0	0.0	6.0	3.0	27.0	5.0	1.0	45.0	5.0	2.0	0.0
12	0.0	30.0	0.0	96.0	3.0	3.0	5.0	10.0	0.0	7.0	15.0	0.0
13	0.0	4.0	0.0	5.0	28.0	0.0	2.0	40.0	20.0	15.0	45.0	3.0
14	10.0	1.0	0.0	7.0	2.0	2.0	0.0	25.0	5.0	42.0	12.0	0.0
15	9.0	0.0	0.0	5.0	10.0	3.0	0.0	24.0	2.0	5.0	42.0	2.0
16	0.0	0.0	3.0	30.0	0.0	20.0	0.0	30.0	2.0	3.0	7.0	5.0
17	12.0	0.0	0.0	5.0	25.0	5.0	15.0	5.0	5.0	45.0	4.0	10.0
18	36.0	0.0	0.0	8.0	2.0	22.0	0.0	0.0	18.0	2.0	27.0	7.0
19	16.0	4.0	0.0	0.0	15.0	5.0	0.0	65.0	12.0	0.0	5.0	0.0
20	0.0	0.0	0.0	14.0	0.0	0.0	4.0	20.0	5.0	0.0	2.0	10.0
21	0.0	0.0	0.0	0.0	2.0	0.0	7.0	18.0	3.0	20.0	25.0	0.0
22	0.0	8.0	0.0	8.0	5.0	23.0	5.0	5.0	0.0	0.0	7.0	10.0
23	0.0	0.0	0.0	0.0	0.0	3.0	0.0	24.0	18.0	2.0	24.0	10.0
24	0.0	15.0	0.0	5.0	2.0	96.0	20.0	2.0	2.0	4.0	5.0	6.0
25	0.0	5.0	4.0	5.0	5.0	2.0	7.0	15.0	3.0	6.0	26.0	20.0
26	0.0	12.0	0.0	22.0	57.0	0.0	20.0	0.0	2.0	3.0	4.0	2.0
27	0.0	17.0	0.0	15.0	15.0	5.0	0.0	3.0	0.0	4.0	40.0	6.0
28	0.0	0.0	0.0	0.0	23.0	2.0	56.0	5.0	5.0	8.0	10.0	7.0
29	0.0	0.0	4.0	3.0	30.0	0.0	10.0	30.0	52.0	5.0	8.0	2.0
30	4.0	0.0	5.0	62.0	0.0	3.0	6.0	34.0	4.0	5.0	18.0	3.0
31	0.0	0.0	40.0	0.0	5.0	0.0	5.0	22.0	0.0	50.0	0.0	4.0
Total	105.0	206.0	163.0	463.0	327.0	264.0	410.0	460.0	320.0	365.0	444.0	271.0
D. LL.	8	15	7	23	25	19	24	27	27	27	29	24

TOTALES ANUALES 3798.0 mm. 255 Días lluvia

ESTACION: LOS ARAUCARIAS **MUNICIPIO:** STA ROSA CABAL **AÑO:** 1.988

ALTITUD: 1.700 **LATITUD:** 4-52 N. **LONGITUD:** 75-33 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1			0.0	13.0	5.0	9.0	51.0	0.0	0.0	22.0	14.0	35.0
2			0.0	0.0	0.0	2.0	20.0	6.0	10.0	3.0	0.0	0.0
3			0.0	36.0	6.0	3.0	30.0	0.0	20.0	7.0	10.0	14.0
4			0.0	0.0	17.0	0.0	41.0	0.0	5.0	5.0	5.0	17.0
5			0.0	61.0	0.0	0.0	0.0	46.0	15.0	50.0	10.0	18.0
6			0.0	0.0	5.0	0.0	6.0	0.0	0.0	0.0	15.0	14.0
7			0.0	5.0	0.0	0.0	13.0	0.0	0.0	5.0	0.0	4.0
8			70.0	5.0	20.0	10.0	2.0	5.0	0.0	3.0	20.0	65.0
9			30.0	16.0	0.0	6.0	0.0	0.0	20.0	0.0	0.0	0.0
10			0.0	13.0	5.0	20.0	20.0	10.0	35.0	0.0	5.0	0.0
11			0.0	3.0	0.0	0.0	21.0	0.0	0.0	8.0	0.0	0.0
12			0.0	72.0	16.0	5.0	0.0	45.0	15.0	12.0	35.0	13.0
13			10.0	30.0	5.0	10.0	0.0	12.0	0.0	32.0	7.0	0.0
14			0.0	10.0	2.0	5.0	0.0	5.0	0.0	20.0	37.0	8.0
15			0.0	5.0	0.0	12.0	0.0	0.0	0.0	0.0	30.0	10.0
16			0.0	0.0	16.0	4.0	0.0	0.0	8.0	20.0	0.0	20.0
17			0.0	0.0	0.0	2.0	0.0	2.0	20.0	0.0	10.0	5.0
18			0.0	0.0	8.0	0.0	0.0	55.0	8.0	0.0	13.0	5.0
19			0.0	0.0	6.0	4.0	3.0	0.0	10.0	0.0	0.0	10.0
20			0.0	20.0	0.0	0.0	0.0	10.0	0.0	5.0	30.0	20.0
21			0.0	0.0	0.0	40.0	0.0	12.0	7.0	0.0	10.0	30.0
22			0.0	0.0	3.0	5.0	15.0	9.0	0.0	0.0	27.0	35.0
23			0.0	0.0	5.0	50.0	0.0	20.0	0.0	0.0	2.0	25.0
24			0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0	15.0	10.0
25			0.0	60.0	25.0	0.0	47.0	2.0	0.0	0.0	0.0	8.0
26			0.0	12.0	9.0	10.0	0.0	0.0	0.0	0.0	7.0	10.0
27			5.0	0.0	24.0	0.0	0.0	0.0	0.0	10.0	24.0	5.0
28			0.0	5.0	23.0	10.0	0.0	7.0	37.0	0.0	7.0	15.0
29			0.0	49.0	0.0	0.0	15.0	20.0	5.0	28.0	15.0	0.0
30			10.0	0.0	15.0	0.0	30.0	0.0	10.0	10.0	10.0	18.0
31			12.0	0.0	5.0	0.0	12.0	12.0	0.0	29.0	0.0	8.0
Total			137.0	415.0	224.0	207.0	326.0	278.0	225.0	279.0	358.0	422.0
D. LL.			6	17	21	18	15	17	15	18	23	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: LOS COCOS **MUNICIPIO:** RIONEGRO **AÑO:** 1.988

ALTITUD: 1.300 **LATITUD:** 7-18 N. **LONGITUD:** 73-07 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	1.0	7.0	3.0	4.0	0.0	0.0	0.0	5.0	0.0	3.0
2	0.0	10.0	0.0	0.0	3.0	1.0	1.0	60.0	0.0	0.0	2.0	38.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	35.0	0.0	0.0	5.0
4	0.0	0.0	0.0	0.0	0.0	0.0	14.0	9.0	0.0	1.0	0.0	41.0
5	0.0	11.0	0.0	0.0	61.0	1.0	0.0	0.0	2.0	7.0	15.0	7.0
6	1.0	7.0	0.0	0.0	0.0	0.0	24.0	5.0	2.0	1.0	2.0	1.0
7	0.0	2.0	0.0	7.0	0.0	0.0	3.0	9.0	17.0	1.0	5.0	0.0
8	0.0	0.0	21.0	5.0	0.0	0.0	0.0	4.0	23.0	3.0	16.0	5.0
9	0.0	0.0	0.0	8.0	0.0	1.0	3.0	10.0	45.0	15.0	6.0	4.0
10	0.0	0.0	0.0	6.0	0.0	4.0	2.0	3.0	32.0	0.0	9.0	0.0
11	0.0	0.0	0.0	25.0	20.0	4.0	0.0	0.0	0.0	0.0	2.0	0.0
12	0.0	17.0	33.0	2.0	0.0	5.0	4.0	3.0	30.0	20.0	11.0	0.0
13	0.0	2.0	0.0	19.0	8.0	2.0	0.0	0.0	25.0	32.0	0.0	0.0
14	0.0	0.0	26.0	0.0	0.0	1.0	0.0	0.0	0.0	27.0	21.0	0.0
15	53.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	3.0	13.0	3.0	0.0
16	22.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	21.0	0.0
17	5.0	0.0	0.0	0.0	3.0	1.0	0.0	6.0	0.0	13.0	0.0	26.0
18	1.0	0.0	0.0	3.0	8.0	2.0	0.0	7.0	9.0	5.0	5.0	12.0
19	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	11.0	6.0	9.0	0.0
20	0.0	0.0	0.0	0.0	0.0	8.0	0.0	11.0	0.0	15.0	21.0	0.0
21	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0	4.0	0.0
22	0.0	18.0	0.0	4.0	0.0	0.0	0.0	24.0	1.0	3.0	1.0	9.0
23	0.0	41.0	0.0	5.0	0.0	5.0	16.0	4.0	0.0	0.0	30.0	0.0
24	7.0	4.0	0.0	0.0	0.0	18.0	0.0	6.0	0.0	0.0	34.0	0.0
25	0.0	29.0	0.0	0.0	0.0	21.0	2.0	3.0	10.0	5.0	18.0	0.0
26	5.0	39.0	0.0	7.0	0.0	1.0	0.0	0.0	0.0	27.0	0.0	0.0
27	0.0	40.0	0.0	0.0	10.0	0.0	8.0	0.0	0.0	10.0	0.0	0.0
28	0.0	29.0	0.0	6.0	0.0	0.0	0.0	0.0	2.0	0.0	8.0	49.0
29	2.0	0.0	0.0	17.0	10.0	1.0	15.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	5.0	0.0	0.0	0.0	0.0	41.0	3.0	25.0	1.0	0.0
31	0.0	0.0	36.0	0.0	12.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
Total	96.0	252.0	122.0	121.0	138.0	101.0	52.0	222.0	250.0	244.0	244.0	200.0
D. Ll.	8	14	6	14	10	20	11	18	16	22	22	12

TOTALES ANUALES 2082.0 mm. 173 Días lluvia

ESTACION: PALESTINA **MUNICIPIO:** RIONEGRO **AÑO:** 1.988

ALTITUD: 1.350 **LATITUD:** 7-21 N. **LONGITUD:** 73-07 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	44.0	0.0	0.0	8.0	0.0	3.0	0.0	0.0	0.0
2	0.0	67.0	0.0	0.0	8.0	10.0	0.0	55.0	0.0	0.0	0.0	17.0
3	0.0	32.0	0.0	0.0	0.0	0.0	0.0	16.0	10.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	9.0	0.0	0.0	28.0
5	0.0	0.0	0.0	15.0	6.0	0.0	20.0	7.0	2.0	0.0	15.0	2.0
6	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	6.0	11.0	10.0	0.0
7	0.0	0.0	0.0	40.0	0.0	0.0	0.0	8.0	10.0	0.0	2.0	0.0
8	0.0	0.0	18.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	24.0
9	0.0	7.0	0.0	0.0	0.0	0.0	0.0	4.0	20.0	0.0	14.0	0.0
10	0.0	0.0	0.0	11.0	0.0	14.0	0.0	3.0	22.0	0.0	20.0	0.0
11	0.0	20.0	0.0	25.0	12.0	28.0	0.0	0.0	0.0	28.0	0.0	0.0
12	0.0	0.0	3.0	0.0	0.0	0.0	21.0	0.0	22.0	0.0	7.0	0.0
13	3.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	13.0	40.0	8.0	0.0
14	25.0	0.0	13.0	0.0	0.0	8.0	4.0	4.0	0.0	0.0	60.0	0.0
15	0.0	0.0	0.0	0.0	105.0	14.0	0.0	0.0	30.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	22.0	0.0	1.0	10.0	0.0	17.0	0.0
17	0.0	0.0	0.0	0.0	3.0	0.0	0.0	5.0	0.0	21.0	0.0	8.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	8.0	5.0	0.0	0.0
19	0.0	0.0	0.0	0.0	2.0	38.0	0.0	10.0	4.0	0.0	30.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	15.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	25.0	11.0	15.0
23	0.0	32.0	0.0	0.0	0.0	1.0	5.0	0.0	0.0	0.0	7.0	0.0
24	0.0	13.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	42.0	0.0	0.0	0.0	10.0	14.0	17.0	10.0	0.0	20.0	0.0
26	6.0	6.0	0.0	5.0	0.0	5.0	3.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	10.0	0.0	0.0	9.0	0.0	32.0	0.0	0.0
28	17.0	35.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
29	0.0	0.0	11.0	15.0	10.0	3.0	5.0	4.0	0.0	0.0	0.0	8.0
30	0.0	0.0	11.0	4.0	0.0	0.0	0.0	40.0	0.0	30.0	0.0	0.0
31	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	51.0	254.0	56.0	204.0	196.0	182.0	65.0	251.0	179.0	196.0	236.0	122.0
D. Ll.	4	9	5	9	9	13	9	19	15	9	14	8

TOTALES ANUALES 2012.0 mm. 123 Días lluvia

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

ESTACION: COCAL **MUNICIPIO:** RIONEGRO **AÑO:** 1.988

ALTITUD: 700 **LATITUD:** 7-18 N. **LONGITUD:** 73-11 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	6.0	3.0	3.0	0.0	2.0	0.0	0.0	9.0	6.0
2	0.0	0.0	0.0	0.0	3.0	0.0	0.0	31.0	3.0	7.0	0.0	1.0
3	0.0	0.0	0.0	3.0	0.0	0.0	1.0	10.0	15.0	0.0	0.0	6.0
4	0.0	24.0	0.0	0.0	0.0	0.0	13.0	4.0	0.0	0.0	0.0	20.0
5	0.0	4.0	0.0	0.0	42.0	1.0	0.0	0.0	0.0	0.0	13.0	0.0
6	14.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	5.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	7.0	0.0	0.0	10.0
8	0.0	0.0	0.0	4.0	0.0	0.0	0.0	5.0	14.0	0.0	0.0	12.0
9	0.0	0.0	4.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	5.0	0.0
10	0.0	0.0	0.0	7.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
11	4.0	0.0	0.0	23.0	27.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
12	0.0	0.0	39.0	2.0	0.0	4.0	0.0	0.0	7.0	10.0	0.0	0.0
13	0.0	3.0	0.0	6.0	4.0	0.0	0.0	5.0	8.0	16.0	8.0	0.0
14	0.0	0.0	59.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	30.0	0.0
15	23.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	2.0	6.0	0.0
16	0.0	0.0	0.0	0.0	0.0	14.0	0.0	3.0	18.0	13.0	13.0	0.0
17	5.0	0.0	0.0	0.0	0.0	1.0	0.0	2.0	0.0	27.0	0.0	0.0
18	0.0	0.0	0.0	4.0	23.0	0.0	0.0	5.0	6.0	0.0	3.0	10.0
19	0.0	0.0	0.0	0.0	0.0	8.0	0.0	3.0	6.0	10.0	0.0	0.0
20	0.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	0.0	30.0	16.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	14.0	18.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.0	6.0
23	0.0	53.0	0.0	0.0	0.0	2.0	5.0	0.0	0.0	0.0	10.0	0.0
24	0.0	1.0	0.0	0.0	0.0	12.0	0.0	3.0	0.0	10.0	32.0	0.0
25	0.0	26.0	0.0	0.0	0.0	6.0	3.0	0.0	11.0	7.0	24.0	0.0
26	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
27	0.0	50.0	0.0	0.0	10.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0
28	0.0	5.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0
29	0.0	0.0	4.0	4.0	18.0	1.0	24.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	1.0	0.0	0.0	0.0	33.0	9.0	13.0	0.0	0.0
31	0.0	0.0	42.0	0.0	14.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
Total	46.0	173.0	148.0	62.0	144.0	69.0	59.0	131.0	107.0	214.0	190.0	99.0
D. Ll.	4	9	5	12	9	13	6	18	12	15	14	10

TOTALES ANUALES 1442.0 mm. 127 Dias lluvia

ESTACION: EL SILENCIO **MUNICIPIO:** RIONEGRO **AÑO:** 1.988

ALTITUD: 1.120 **LATITUD:** 7-24 N. **LONGITUD:** 73-13 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1									0.0	5.0	16.0	40.0
2									4.0	14.0	0.0	25.0
3									0.0	3.0	3.0	33.0
4									2.0	5.0	13.0	5.0
5									0.0	0.0	0.0	31.0
6									0.0	4.0	5.0	0.0
7									3.0	0.0	7.0	1.0
8									42.0	0.0	5.0	0.0
9									0.0	0.0	14.0	0.0
10									0.0	82.0	24.0	0.0
11									0.0	0.0	0.0	0.0
12									9.0	37.0	0.0	0.0
13									0.0	45.0	11.0	8.0
14									0.0	0.0	0.0	0.0
15									0.0	5.0	54.0	0.0
16									14.0	0.0	0.0	0.0
17									8.0	0.0	0.0	9.0
18									25.0	0.0	0.0	0.0
19									0.0	55.0	29.0	0.0
20									0.0	0.0	0.0	0.0
21									3.0	5.0	50.0	0.0
22									11.0	0.0	0.0	2.0
23									0.0	3.0	0.0	8.0
24									0.0	0.0	8.0	22.0
25									0.0	3.0	13.0	28.0
26									5.0	1.0	0.0	0.0
27									0.0	0.0	0.0	0.0
28									0.0	14.0	23.0	66.0
29									3.0	8.0	9.0	51.0
30									0.0	35.0	16.0	0.0
31									0.0	0.0	0.0	0.0
Total									129.0	324.0	300.0	329.0
D. Ll.									12	17	17	14

TOTALES ANUALES mm. Dias lluvia

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

ESTACION: MIPORAL MUNICIPIO: FLORIDABLANCA AÑO: 1.988

ALTITUD: 1.200 LATITUD: 7-04 N. LONGITUD: 73-06 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0
2	0.0	0.0	0.0	12.0	0.0	0.0	27.0	9.0	6.0	0.0	8.0	26.0
3	0.0	18.0	0.0	0.0	0.0	0.0	6.0	0.0	9.0	0.0	0.0	0.0
4	0.0	14.0	0.0	0.0	0.0	0.0	4.0	6.0	14.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0
6	0.0	12.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	17.0	26.0	0.0
9	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	39.0	0.0	8.0	0.0
10	0.0	37.0	0.0	0.0	0.0	24.0	34.0	0.0	0.0	0.0	12.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	6.0	0.0
12	0.0	6.0	47.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	6.0	8.0	30.0	16.0	8.0	0.0	0.0	0.0	10.0	0.0
14	0.0	0.0	0.0	0.0	6.0	5.0	0.0	12.0	0.0	28.0	0.0	0.0
15	81.0	0.0	0.0	0.0	0.0	10.0	0.0	8.0	0.0	0.0	0.0	0.0
16	20.0	0.0	0.0	0.0	0.0	8.0	0.0	21.0	0.0	0.0	31.0	0.0
17	0.0	0.0	0.0	0.0	0.0	3.0	0.0	14.0	12.0	0.0	0.0	39.0
18	0.0	0.0	0.0	6.0	0.0	6.0	0.0	10.0	0.0	4.0	12.0	60.0
19	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	6.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0	10.0	9.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0
22	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	6.0	0.0	0.0	0.0	13.0	0.0	12.0	0.0	0.0	62.0	0.0
25	0.0	22.0	0.0	27.0	0.0	0.0	0.0	15.0	0.0	8.0	17.0	22.0
26	0.0	0.0	0.0	0.0	0.0	8.0	0.0	16.0	0.0	0.0	0.0	0.0
27	0.0	11.0	0.0	8.0	46.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	9.0	0.0	23.0	33.0	2.0	0.0	0.0	0.0	9.0
29	5.0	0.0	28.0	0.0	28.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	48.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	12.0	0.0	0.0
Total	106.0	208.0	81.0	92.0	149.0	156.0	181.0	202.0	90.0	179.0	212.0	156.0
D. Ll.	3	10	3	7	7	13	8	16	6	10	12	5

TOTALES ANUALES 1782.0 mm. 100 Días lluvia

ESTACION: LA RESERVA MUNICIPIO: RIONEGRO AÑO: 1.988

ALTITUD: 1.200 LATITUD: 7-18 N. LONGITUD: 73-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	18.0	22.0	30.0	8.0					8.0
2	0.0	16.0	20.0	7.0	28.0	6.0	21.0					10.0
3	0.0	0.0	10.0	0.0	0.0	20.0	6.0					19.0
4	0.0	0.0	40.0	50.0	14.0	17.0	12.0					15.0
5	0.0	21.0	38.0	80.0	53.0	10.0	18.0					20.0
6	0.0	18.0	0.0	15.0	50.0	0.0	23.0					5.0
7	0.0	14.0	0.0	39.0	0.0	0.0	0.0					0.0
8	0.0	0.0	0.0	35.0	5.0	0.0	0.0					10.0
9	0.0	21.0	0.0	12.0	0.0	0.0	30.0					0.0
10	0.0	0.0	0.0	13.0	100.0	0.0	15.0					0.0
11	0.0	0.0	5.0	16.0	0.0	0.0	35.0					0.0
12	0.0	0.0	0.0	0.0	6.0	10.0	41.0					0.0
13	5.0	7.0	11.0	0.0	0.0	18.0	36.0					10.0
14	10.0	0.0	80.0	37.0	0.0	0.0	17.0					0.0
15	0.0	12.0	0.0	16.0	8.0	20.0	0.0					0.0
16	10.0	0.0	0.0	0.0	10.0	6.0	28.0					0.0
17	0.0	0.0	0.0	0.0	12.0	10.0	50.0					0.0
18	40.0	0.0	0.0	30.0	0.0	0.0	23.0					0.0
19	0.0	0.0	0.0	0.0	0.0	8.0	0.0					0.0
20	0.0	0.0	0.0	12.0	18.0	13.0	30.0					0.0
21	0.0	0.0	0.0	6.0	30.0	18.0	28.0					0.0
22	0.0	29.0	0.0	20.0	20.0	0.0	0.0					0.0
23	0.0	22.0	0.0	0.0	13.0	47.0	0.0					0.0
24	0.0	40.0	0.0	0.0	25.0	0.0	0.0					11.0
25	0.0	59.0	0.0	0.0	0.0	25.0	0.0					0.0
26	0.0	35.0	0.0	10.0	4.0	33.0	0.0					30.0
27	0.0	100.0	0.0	12.0	46.0	4.0	0.0					0.0
28	0.0	0.0	0.0	0.0	60.0	20.0	7.0					10.0
29	20.0	0.0	0.0	8.0	0.0	0.0	30.0					31.0
30	0.0	0.0	0.0	30.0	31.0	10.0	0.0					0.0
31	0.0	0.0	5.0	0.0	0.0	0.0	0.0					0.0
Total	85.0	394.0	209.0	466.0	555.0	325.0	468.0					179.0
D. Ll.	5	13	8	20	20	19	19					12

TOTALES ANUALES mm. Días lluvia

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

ESTACION: BONANZA **MUNICIPIO:** GIRON **AÑO:** 1.988

ALTITUD: 1.250 **LATITUD:** 7-04 N. **LONGITUD:** 73-10 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	27.0	5.0	8.0
2	0.0	5.0	0.0	0.0	0.0	0.0	0.0	14.0	35.0	0.0	0.0	0.0
3	1.0	42.0	0.0	0.0	15.0	7.0	0.0	0.0	0.0	0.0	0.0	10.0
4	0.0	0.0	0.0	0.0	20.0	0.0	2.0	0.0	0.0	23.0	40.0	0.0
5	0.0	3.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0
7	0.0	4.0	0.0	0.0	0.0	0.0	10.0	65.0	0.0	0.0	10.0	0.0
8	0.0	0.0	0.0	0.0	40.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	90.0	0.0	0.0	0.0	0.0	0.0	5.0	25.0	0.0	0.0	0.0
10	1.0	0.0	0.0	5.0	90.0	0.0	0.0	14.0	0.0	0.0	26.0	0.0
11	0.0	10.0	0.0	0.0	20.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	28.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
13	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0
14	0.0	3.0	0.0	22.0	0.0	23.0	0.0	5.0	0.0	90.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0	0.0	0.0
16	0.0	0.0	0.0	0.0	24.0	0.0	0.0	13.0	0.0	10.0	8.0	0.0
17	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	13.0	0.0	8.0	0.0	0.0	0.0	0.0	18.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	20.0	5.0
21	0.0	3.0	0.0	22.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	25.0	10.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	66.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	7.0
25	0.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	33.0	0.0	0.0	0.0	25.0	14.0	0.0	0.0	10.0	0.0	40.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	10.0	0.0
28	0.0	0.0	0.0	4.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0
29	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
31	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	3.0	197.0	26.0	145.0	231.0	111.0	162.0	195.0	133.0	212.0	263.0	70.0
D. Ll.	3	10	2	8	8	6	8	10	5	7	10	5
TOTALES ANUALES							1688.0 mm.				82	Dias lluvia

ESTACION: LA LCMA **MUNICIPIO:** FLORIDABLANCA **AÑO:** 1.988

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	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	35.0	5.0	4.0	7.0	20.0	4.0	0.0	10.0
3	0.0	20.0	0.0	0.0	5.0	0.0	0.0	8.0	4.0	0.0	5.0	0.0
4	0.0	32.0	0.0	0.0	0.0	0.0	8.0	28.0	2.0	0.0	0.0	0.0
5	0.0	0.0	0.0	4.0	0.0	10.0	10.0	0.0	0.0	0.0	10.0	15.0
6	0.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	6.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.0	10.0	5.0	5.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0	0.0	2.0
9	0.0	0.0	0.0	5.0	5.0	0.0	10.0	11.0	6.0	10.0	10.0	0.0
10	0.0	14.0	0.0	4.0	0.0	0.0	24.0	10.0	20.0	0.0	30.0	0.0
11	0.0	0.0	0.0	0.0	0.0	34.0	0.0	1.0	10.0	5.0	4.0	0.0
12	0.0	0.0	32.0	0.0	20.0	5.0	0.0	0.0	5.0	0.0	15.0	0.0
13	0.0	0.0	0.0	0.0	5.0	0.0	5.0	5.0	0.0	40.0	5.0	0.0
14	0.0	0.0	2.0	0.0	10.0	10.0	0.0	0.0	0.0	5.0	4.0	0.0
15	50.0	20.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
16	40.0	0.0	0.0	8.0	0.0	12.0	0.0	6.0	0.0	20.0	34.0	0.0
17	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	3.0	4.0	0.0	26.0
18	0.0	0.0	0.0	0.0	5.0	8.0	2.0	2.0	0.0	5.0	5.0	25.0
19	0.0	0.0	0.0	0.0	0.0	0.0	4.0	9.0	10.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	18.0	6.0	10.0	5.0	30.0	2.0	0.0
21	0.0	14.0	0.0	5.0	2.0	0.0	0.0	3.0	0.0	25.0	30.0	0.0
22	0.0	16.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	5.0	0.0	30.0
23	0.0	14.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	3.0	0.0	14.0	0.0	0.0	3.0	10.0	25.0	4.0
25	2.0	22.0	0.0	0.0	0.0	10.0	2.0	6.0	2.0	5.0	0.0	0.0
26	0.0	9.0	0.0	0.0	0.0	3.0	0.0	10.0	0.0	40.0	6.0	0.0
27	0.0	23.0	0.0	0.0	80.0	0.0	36.0	6.0	0.0	0.0	0.0	0.0
28	0.0	10.0	0.0	50.0	0.0	0.0	0.0	0.0	5.0	0.0	5.0	12.0
29	0.0	8.0	0.0	6.0	0.0	0.0	38.0	6.0	0.0	0.0	0.0	9.0
30	0.0	0.0	8.0	5.0	20.0	5.0	0.0	52.0	0.0	10.0	10.0	0.0
31	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	92.0	212.0	62.0	110.0	191.0	148.0	154.0	196.0	110.0	254.0	211.0	133.0
D. Ll.	3	13	4	10	11	14	14	21	15	17	18	9
TOTALES ANUALES							1673.0 mm.				149	Dias lluvia

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

ESTACION: CASA DE TEJA **MUNICIPIO:** SAN VICENTE **AÑO:** 1.988

ALTITUD: 960 **LATITUD:** 6-55 N. **LONGITUD:** 73-27 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1		0.0	0.0	25.0	3.0	5.0	5.0	0.0	0.0	0.0	25.0	15.0
2		0.0	0.0	0.0	0.0	5.0	12.0	12.0	2.0	0.0	16.0	8.0
3		0.0	0.0	32.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
4		0.0	0.0	3.0	35.0	57.0	22.0	0.0	25.0	5.0	3.0	0.0
5		0.0	0.0	0.0	14.0	0.0	3.0	0.0	4.0	15.0	77.0	54.0
6		0.0	0.0	3.0	0.0	0.0	6.0	0.0	0.0	13.0	0.0	1.0
7		0.0	0.0	0.0	0.0	0.0	0.0	120.0	0.0	8.0	11.0	2.0
8		0.0	20.0	3.0	0.0	0.0	2.0	6.0	12.0	1.0	0.0	18.0
9		0.0	0.0	22.0	0.0	0.0	0.0	2.0	0.0	1.0	4.0	0.0
10		131.0	0.0	5.0	0.0	3.0	26.0	1.0	5.0	2.0	8.0	0.0
11		0.0	0.0	10.0	7.0	8.0	7.0	1.0	6.0	1.0	0.0	0.0
12		44.0	0.0	60.0	0.0	6.0	10.0	6.0	0.0	30.0	3.0	0.0
13		0.0	0.0	30.0	3.0	4.0	8.0	0.0	13.0	15.0	0.0	0.0
14		0.0	0.0	15.0	0.0	0.0	5.0	25.0	0.0	76.0	15.0	0.0
15		0.0	0.0	3.0	11.0	0.0	0.0	0.0	0.0	32.0	0.0	2.0
16		0.0	1.0	0.0	0.0	0.0	4.0	12.0	2.0	0.0	13.0	1.0
17		0.0	0.0	0.0	32.0	0.0	0.0	10.0	0.0	1.0	0.0	1.0
18		0.0	0.0	6.0	12.0	5.0	0.0	4.0	1.0	101.0	17.0	28.0
19		0.0	0.0	25.0	0.0	20.0	0.0	18.0	0.0	3.0	18.0	0.0
20		0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	124.0	3.0	0.0
21		3.0	0.0	2.0	0.0	7.0	1.0	1.0	0.0	16.0	22.0	3.0
22		0.0	0.0	27.0	0.0	18.0	15.0	14.0	8.0	0.0	13.0	0.0
23		0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0
24		15.0	0.0	0.0	0.0	0.0	0.0	11.0	12.0	5.0	55.0	0.0
25		55.0	0.0	4.0	22.0	15.0	23.0	0.0	0.0	0.0	2.0	10.0
26		62.0	0.0	0.0	0.0	5.0	1.0	36.0	2.0	2.0	0.0	0.0
27		20.0	0.0	2.0	11.0	8.0	10.0	22.0	3.0	0.0	0.0	20.0
28		0.0	0.0	0.0	0.0	17.0	0.0	1.0	0.0	0.0	0.0	0.0
29		0.0	1.0	86.0	3.0	5.0	32.0	2.0	29.0	1.0	1.0	0.0
30		0.0	0.0	4.0	0.0	0.0	0.0	12.0	0.0	1.0	5.0	0.0
31		0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	15.0	0.0	0.0
Total		330.0	22.0	365.0	158.0	188.0	194.0	335.0	128.0	468.0	315.0	165.0
D. Ll.		7	3	20	12	16	19	23	15	22	19	14
TOTALES ANUALES							mm.					Días lluvia

ESTACION: CEYLAN **MUNICIPIO:** BUCARAMANGA **AÑO:** 1.988

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	11.0	0.0	0.0	10.0	5.0	10.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	5.0	0.0	16.0
3	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
4	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	8.0
5	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	6.0	0.0	10.0	0.0
6	0.0	9.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0
8	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	70.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	8.0	0.0
11	0.0	0.0	0.0	26.0	0.0	20.0	10.0	8.0	0.0	5.0	6.0	0.0
12	0.0	8.0	13.0	0.0	0.0	0.0	0.0	6.0	20.0	0.0	5.0	0.0
13	0.0	0.0	0.0	25.0	50.0	10.0	0.0	0.0	14.0	30.0	0.0	0.0
14	0.0	0.0	49.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	10.0	0.0
15	10.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0
16	6.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	50.0	0.0
17	6.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	18.0
18	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	10.0	20.0	0.0	52.0
19	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	10.0	15.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	10.0	0.0
21	0.0	15.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0
22	0.0	10.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	25.0
23	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.0	0.0
25	0.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	8.0	6.0	16.0	6.0
26	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
27	0.0	14.0	0.0	0.0	16.0	0.0	10.0	10.0	0.0	0.0	10.0	0.0
28	0.0	15.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	26.0	0.0	0.0
31	0.0	0.0	20.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	22.0	223.0	94.0	125.0	142.0	75.0	42.0	185.0	178.0	189.0	216.0	137.0
D. Ll.	3	12	4	6	5	6	4	12	10	11	12	8
TOTALES ANUALES							1628.0 mm.				93	Días lluvia

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

ESTACION: CHOCHOS **MUNICIPIO:** PATO **AÑO:** 1.988

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	8.0	0.0	0.0	17.0	0.0	0.0	8.0	1.0	54.0	13.0	1.0
2	0.0	0.0	0.0	17.0	0.0	67.0	0.0	4.0	0.0	7.0	63.0	4.0
3	0.0	0.0	0.0	0.0	4.0	0.0	3.0	39.0	6.0	20.0	0.0	0.0
4	0.0	43.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	0.0	3.0	20.0
5	0.0	0.0	0.0	0.0	61.0	0.0	30.0	0.0	15.0	3.0	10.0	0.0
6	0.0	15.0	0.0	21.0	0.0	0.0	10.0	0.0	40.0	38.0	22.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	12.0	2.0	6.0	21.0	28.0	0.0
8	0.0	46.0	0.0	0.0	3.0	0.0	0.0	10.0	10.0	10.0	11.0	0.0
9	0.0	5.0	0.0	2.0	0.0	0.0	0.0	9.0	11.0	0.0	64.0	15.0
10	0.0	0.0	0.0	20.0	0.0	0.0	2.0	14.0	3.0	0.0	20.0	0.0
11	0.0	0.0	0.0	5.0	0.0	14.0	15.0	0.0	3.0	15.0	14.0	0.0
12	0.0	0.0	0.0	6.0	0.0	22.0	8.0	30.0	0.0	0.0	0.0	0.0
13	0.0	0.0	4.0	13.0	61.0	21.0	0.0	4.0	29.0	29.0	4.0	7.0
14	0.0	0.0	3.0	0.0	0.0	6.0	0.0	0.0	13.0	0.0	58.0	0.0
15	59.0	0.0	0.0	0.0	81.0	10.0	0.0	32.0	1.0	70.0	1.0	0.0
16	4.0	0.0	0.0	0.0	0.0	57.0	0.0	18.0	0.0	17.0	40.0	0.0
17	2.0	2.0	0.0	0.0	51.0	0.0	0.0	6.0	0.0	4.0	0.0	0.0
18	0.0	0.0	0.0	0.0	33.0	5.0	22.0	10.0	16.0	10.0	0.0	3.0
19	0.0	0.0	0.0	0.0	15.0	47.0	0.0	0.0	1.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	2.0	0.0	6.0	2.0	16.0	0.0	0.0
21	2.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	6.0	30.0	20.0
22	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	7.0	0.0	33.0	14.0
23	0.0	1.0	0.0	0.0	0.0	0.0	6.0	0.0	12.0	0.0	15.0	6.0
24	0.0	20.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	6.0	20.0	4.0
25	0.0	0.0	0.0	13.0	0.0	42.0	17.0	0.0	20.0	4.0	0.0	19.0
26	0.0	0.0	0.0	0.0	0.0	15.0	3.0	6.0	0.0	0.0	0.0	0.0
27	0.0	38.0	0.0	0.0	4.0	26.0	29.0	0.0	0.0	0.0	0.0	25.0
28	22.0	0.0	0.0	36.0	47.0	0.0	2.0	11.0	7.0	0.0	0.0	13.0
29	0.0	0.0	10.0	13.0	32.0	0.0	0.0	0.0	0.0	0.0	6.0	5.0
30	0.0	0.0	0.0	10.0	3.0	0.0	0.0	50.0	11.0	25.0	25.0	11.0
31	0.0	0.0	18.0	0.0	10.0	0.0	49.0	6.0	0.0	0.0	0.0	0.0
Total	89.0	178.0	35.0	160.0	422.0	334.0	220.0	279.0	214.0	355.0	480.0	167.0
D. Ll.	5	9	4	13	14	13	15	20	20	18	20	15

TOTALES ANUALES 2933.0 mm. 166 Dias lluvia

ESTACION: LAS FLORES **MUNICIPIO:** PINCHOTE **AÑO:** 1.988

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	5.0	10.0	10.0	7.0	0.0	1.0	41.0	21.0	0.0
2	0.0	0.0	0.0	9.0	9.0	15.0	58.0	10.0	7.0	3.0	13.0	5.0
3	0.0	2.0	0.0	0.0	2.0	6.0	13.0	16.0	0.0	0.0	0.0	0.0
4	0.0	4.0	0.0	0.0	7.0	7.0	5.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	12.0	10.0	0.0	4.0	0.0	13.0	0.0	16.0	0.0
6	2.0	3.0	0.0	0.0	0.0	0.0	4.0	0.0	42.0	0.0	2.0	0.0
7	0.0	0.0	0.0	52.0	0.0	0.0	8.0	0.0	18.0	12.0	0.0	0.0
8	0.0	2.0	0.0	3.0	8.0	0.0	3.0	11.0	5.0	0.0	7.0	8.0
9	0.0	4.0	0.0	13.0	0.0	6.0	0.0	0.0	32.0	0.0	28.0	0.0
10	0.0	6.0	0.0	12.0	32.0	2.0	5.0	6.0	8.0	0.0	15.0	0.0
11	0.0	0.0	0.0	1.0	16.0	7.0	0.0	0.0	2.0	0.0	12.0	0.0
12	0.0	0.0	0.0	31.0	5.0	4.0	28.0	3.0	0.0	3.0	0.0	0.0
13	0.0	0.0	18.0	7.0	20.0	3.0	3.0	3.0	14.0	22.0	0.0	4.0
14	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	36.0	5.0
15	6.0	0.0	0.0	0.0	11.0	6.0	0.0	13.0	0.0	0.0	0.0	0.0
16	4.0	0.0	0.0	0.0	0.0	24.0	0.0	6.0	0.0	0.0	59.0	0.0
17	0.0	0.0	0.0	0.0	4.0	2.0	0.0	3.0	0.0	14.0	0.0	0.0
18	0.0	0.0	0.0	0.0	14.0	10.0	5.0	1.0	0.0	2.0	0.0	0.0
19	0.0	0.0	0.0	0.0	3.0	15.0	0.0	0.0	0.0	0.0	4.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	2.0	25.0	7.0	1.0	2.0	0.0
21	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	3.0	4.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	21.0	4.0	4.0	8.0	0.0	2.0
23	0.0	0.0	0.0	0.0	0.0	3.0	10.0	0.0	7.0	3.0	0.0	0.0
24	0.0	5.0	0.0	0.0	1.0	20.0	1.0	5.0	0.0	0.0	0.0	0.0
25	0.0	2.0	0.0	1.0	2.0	20.0	2.0	9.0	14.0	0.0	0.0	2.0
26	0.0	10.0	0.0	0.0	0.0	2.0	2.0	5.0	0.0	4.0	0.0	0.0
27	2.0	15.0	0.0	0.0	0.0	2.0	10.0	0.0	3.0	0.0	0.0	0.0
28	0.0	0.0	0.0	24.0	15.0	0.0	0.0	4.0	0.0	4.0	0.0	0.0
29	0.0	0.0	3.0	28.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
30	0.0	0.0	5.0	5.0	1.0	0.0	21.0	37.0	9.0	31.0	0.0	5.0
31	0.0	0.0	39.0	0.0	10.0	0.0	25.0	31.0	0.0	0.0	0.0	0.0
Total	14.0	53.0	65.0	203.0	180.0	185.0	237.0	213.0	189.0	152.0	215.0	31.0
D. Ll.	4	10	4	14	19	21	21	20	17	14	12	7

TOTALES ANUALES 1737.0 mm. 163 Dias 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:** 1.988

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			5.0	5.0	5.0						
2	10.0			0.0	0.0	10.0						
3	20.0			5.0	5.0	0.0						
4	0.0			0.0	10.0	0.0						
5	0.0			10.0	30.0	0.0						
6	5.0			0.0	0.0	0.0						
7	0.0			0.0	0.0	0.0						
8	0.0			20.0	0.0	0.0						
9	5.0			0.0	0.0	5.0						
10	20.0			0.0	0.0	10.0						
11	1.0			0.0	20.0	30.0						
12	0.0			0.0	0.0	10.0						
13	0.0			0.0	30.0	0.0						
14	0.0			0.0	0.0	0.0						
15	0.0			0.0	10.0	70.0						
16	0.0			0.0	0.0	0.0						
17	0.0			0.0	0.0	0.0						
18	0.0			0.0	0.0	0.0						
19	0.0			0.0	5.0	0.0						
20	0.0			0.0	0.0	0.0						
21	0.0			0.0	0.0	0.0						
22	0.0			0.0	0.0	0.0						
23	0.0			0.0	0.0	0.0						
24	0.0			0.0	0.0	10.0						
25	10.0			0.0	20.0	0.0						
26	30.0			0.0	0.0	0.0						
27	38.0			5.0	0.0	10.0						
28	0.0			30.0	35.0	0.0						
29	0.0			0.0	0.0	5.0						
30	0.0			0.0	0.0	0.0						
31	0.0			0.0	15.0	0.0						
Total	139.0			75.0	185.0	165.0						
D. Ll.	9			6	11	10						

TOTALES ANUALES mm. Días lluvia

ESTACION: VILLANUEVA **MUNICIPIO:** CHARALA **AÑO:** 1.988

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	6.0	0.0	2.0	62.0	0.0	4.0	0.0	12.0	0.0	10.0	0.0
2	0.0	0.0	0.0	6.0	0.0	0.0	10.0	20.0	0.0	12.0	2.0	0.0
3	0.0	18.0	0.0	2.0	14.0	12.0	0.0	112.0	6.0	0.0	0.0	26.0
4	0.0	12.0	0.0	1.0	8.0	0.0	22.0	0.0	0.0	22.0	6.0	0.0
5	4.0	0.0	0.0	10.0	0.0	4.0	0.0	0.0	72.0	0.0	12.0	8.0
6	6.0	0.0	0.0	0.0	0.0	18.0	8.0	16.0	0.0	18.0	8.0	14.0
7	0.0	14.0	0.0	52.0	6.0	0.0	34.0	4.0	0.0	0.0	22.0	32.0
8	0.0	80.0	0.0	12.0	0.0	22.0	2.0	18.0	0.0	24.0	4.0	6.0
9	0.0	0.0	0.0	6.0	6.0	0.0	0.0	2.0	28.0	12.0	36.0	48.0
10	0.0	0.0	0.0	18.0	12.0	16.0	18.0	8.0	0.0	0.0	44.0	0.0
11	0.0	0.0	0.0	14.0	0.0	0.0	0.0	4.0	22.0	22.0	18.0	0.0
12	0.0	12.0	18.0	0.0	0.0	8.0	0.0	10.0	0.0	0.0	42.0	0.0
13	28.0	0.0	0.0	0.0	2.0	0.0	0.0	10.0	62.0	8.0	16.0	11.0
14	0.0	4.0	68.0	6.0	22.0	0.0	16.0	6.0	0.0	0.0	8.0	4.0
15	0.0	42.0	0.0	12.0	0.0	4.0	6.0	0.0	20.0	6.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	12.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	32.0	0.0
18	0.0	8.0	0.0	0.0	6.0	0.0	0.0	12.0	8.0	2.0	8.0	0.0
19	12.0	0.0	0.0	22.0	0.0	0.0	22.0	12.0	16.0	18.0	0.0	0.0
20	0.0	0.0	0.0	0.0	18.0	32.0	22.0	10.0	24.0	0.0	60.0	0.0
21	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	14.0	0.0
22	0.0	0.0	0.0	4.0	4.0	48.0	0.0	14.0	0.0	0.0	6.0	0.0
23	0.0	0.0	12.0	0.0	0.0	10.0	0.0	18.0	0.0	42.0	0.0	0.0
24	0.0	4.0	0.0	8.0	8.0	6.0	48.0	36.0	56.0	4.0	32.0	0.0
25	0.0	40.0	0.0	0.0	12.0	0.0	34.0	0.0	0.0	6.0	6.0	18.0
26	0.0	38.0	10.0	4.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
27	8.0	0.0	0.0	0.0	8.0	12.0	0.0	10.0	0.0	118.0	24.0	0.0
28	0.0	0.0	6.0	6.0	0.0	36.0	0.0	0.0	0.0	18.0	0.0	0.0
29	12.0	0.0	0.0	38.0	6.0	0.0	18.0	10.0	14.0	22.0	0.0	4.0
30	0.0	0.0	0.0	14.0	24.0	14.0	0.0	8.0	0.0	12.0	18.0	110.0
31	0.0	0.0	0.0	0.0	68.0	0.0	46.0	52.0	0.0	0.0	0.0	0.0
Total	70.0	278.0	114.0	237.0	286.0	274.0	310.0	414.0	340.0	378.0	428.0	281.0
D. Ll.	6	12	5	19	17	17	15	22	12	18	22	11

TOTALES ANUALES 3410.0 mm. 176 Días lluvia

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

ESTACION: SEVILLA **MUNICIPIO:** GUADALUPE **AÑO:** 1.988

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	0.0	0.0	0.0	26.0	2.0	21.0	38.0	68.0	12.0	15.0	29.0	2.0
2	12.0	36.0	0.0	89.0	47.0	48.0	8.0	2.0	1.0	2.0	12.0	10.0
3	0.0	25.0	0.0	16.0	0.0	15.0	0.0	30.0	18.0	15.0	10.0	4.0
4	0.0	0.0	0.0	0.0	15.0	0.0	4.0	2.0	10.0	20.0	5.0	6.0
5	0.0	0.0	0.0	22.0	30.0	1.0	20.0	13.0	0.0	10.0	2.0	15.0
6	10.0	0.0	0.0	22.0	10.0	0.0	6.0	0.0	23.0	41.0	8.0	20.0
7	3.0	38.0	0.0	36.0	15.0	13.0	21.0	12.0	20.0	10.0	11.0	10.0
8	0.0	20.0	0.0	40.0	0.0	0.0	10.0	0.0	15.0	14.0	20.0	9.0
9	0.0	0.0	0.0	0.0	0.0	19.0	14.0	27.0	2.0	9.0	10.0	14.0
10	0.0	28.0	0.0	50.0	27.0	3.0	7.0	0.0	44.0	7.0	20.0	35.0
11	0.0	15.0	0.0	25.0	3.0	19.0	4.0	11.0	30.0	7.0	25.0	30.0
12	0.0	13.0	24.0	17.0	44.0	7.0	10.0	5.0	43.0	11.0	7.0	5.0
13	0.0	0.0	0.0	8.0	1.0	23.0	8.0	11.0	17.0	13.0	15.0	15.0
14	0.0	20.0	2.0	1.0	6.0	4.0	2.0	0.0	10.0	20.0	7.0	19.0
15	4.0	0.0	7.0	11.0	5.0	2.0	2.0	7.0	0.0	5.0	12.0	0.0
16	0.0	2.0	10.0	15.0	7.0	8.0	8.0	2.0	4.0	9.0	10.0	0.0
17	45.0	0.0	0.0	0.0	8.0	22.0	2.0	0.0	0.0	10.0	30.0	0.0
18	46.0	0.0	1.0	0.0	25.0	43.0	3.0	10.0	1.0	6.0	15.0	0.0
19	0.0	0.0	0.0	45.0	0.0	11.0	1.0	0.0	5.0	4.0	40.0	0.0
20	0.0	0.0	0.0	2.0	8.0	5.0	0.0	0.0	9.0	10.0	60.0	0.0
21	0.0	0.0	0.0	0.0	35.0	0.0	1.0	3.0	5.0	11.0	35.0	5.0
22	0.0	0.0	0.0	16.0	0.0	4.0	9.0	37.0	16.0	12.0	6.0	0.0
23	0.0	0.0	0.0	1.0	1.0	4.0	3.0	14.0	0.0	2.0	13.0	25.0
24	0.0	15.0	0.0	19.0	4.0	5.0	1.0	4.0	3.0	8.0	8.0	22.0
25	0.0	33.0	0.0	15.0	1.0	0.0	5.0	3.0	0.0	15.0	20.0	20.0
26	0.0	25.0	0.0	1.0	0.0	0.0	3.0	2.0	0.0	10.0	0.0	5.0
27	0.0	10.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	80.0
28	0.0	0.0	0.0	0.0	6.0	5.0	3.0	6.0	2.0	11.0	0.0	10.0
29	36.0	0.0	1.0	19.0	11.0	15.0	3.0	1.0	2.0	6.0	8.0	15.0
30	6.0	0.0	12.0	1.0	14.0	38.0	0.0	11.0	67.0	10.0	8.0	30.0
31	2.0	0.0	0.0	0.0	7.0	0.0	8.0	13.0	0.0	5.0	0.0	48.0
Total	164.0	280.0	57.0	498.0	334.0	335.0	214.0	294.0	359.0	330.0	440.0	454.0
D. Ll.	9	13	7	24	25	23	27	23	23	31	26	24
TOTALES ANUALES							3749.0 mm.				255	Días lluvia

ESTACION: CIELO ROTO **MUNICIPIO:** SUAITA **AÑO:** 1.988

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		1.0	0.0	10.0	8.0	10.0	51.0	30.0	0.0	19.0	40.0	10.0
2		10.0	0.0	10.0	7.0	5.0	7.0	20.0	10.0	11.0	15.0	5.0
3		13.0	0.0	10.0	19.0	20.0	15.0	10.0	0.0	5.0	5.0	0.0
4		12.0	0.0	30.0	27.0	25.0	8.0	10.0	10.0	41.0	4.0	5.0
5		0.0	0.0	25.0	45.0	5.0	20.0	0.0	0.0	49.0	11.0	0.0
6		9.0	0.0	15.0	0.0	0.0	25.0	25.0	0.0	0.0	2.0	9.0
7		0.0	0.0	0.0	0.0	10.0	15.0	60.0	9.0	2.0	2.0	4.0
8		10.0	3.0	10.0	15.0	3.0	10.0	0.0	11.0	0.0	9.0	21.0
9		0.0	1.0	19.0	35.0	7.0	15.0	15.0	5.0	3.0	1.0	6.0
10		5.0	2.0	15.0	5.0	2.0	40.0	7.0	6.0	0.0	60.0	2.0
11		10.0	0.0	9.0	5.0	8.0	25.0	10.0	20.0	7.0	7.0	0.0
12		3.0	0.0	7.0	10.0	13.0	40.0	11.0	10.0	4.0	5.0	7.0
13		7.0	0.0	0.0	4.0	5.0	10.0	9.0	30.0	6.0	9.0	11.0
14		6.0	0.0	0.0	9.0	6.0	17.0	5.0	8.0	34.0	11.0	8.0
15		0.0	0.0	0.0	30.0	17.0	13.0	12.0	11.0	19.0	35.0	0.0
16		10.0	0.0	8.0	0.0	14.0	15.0	10.0	0.0	17.0	30.0	1.0
17		0.0	0.0	0.0	15.0	16.0	8.0	3.0	5.0	0.0	14.0	0.0
18		0.0	0.0	0.0	0.0	19.0	7.0	8.0	21.0	22.0	5.0	0.0
19		0.0	0.0	0.0	10.0	11.0	5.0	15.0	8.0	32.0	50.0	3.0
20		2.0	3.0	2.0	9.0	12.0	25.0	7.0	7.0	10.0	15.0	0.0
21		0.0	6.0	3.0	14.0	0.0	7.0	14.0	16.0	11.0	10.0	18.0
22		0.0	0.0	1.0	9.0	9.0	0.0	29.0	20.0	0.0	5.0	0.0
23		0.0	0.0	6.0	11.0	7.0	0.0	11.0	10.0	0.0	30.0	9.0
24		18.0	0.0	30.0	0.0	3.0	4.0	0.0	19.0	25.0	5.0	1.0
25		10.0	0.0	4.0	50.0	10.0	15.0	9.0	0.0	15.0	0.0	2.0
26		13.0	0.0	45.0	4.0	5.0	1.0	11.0	14.0	7.0	8.0	11.0
27		0.0	0.0	10.0	7.0	8.0	3.0	22.0	17.0	13.0	35.0	0.0
28		7.0	10.0	25.0	5.0	7.0	5.0	8.0	4.0	15.0	10.0	4.0
29		0.0	10.0	40.0	0.0	12.0	10.0	11.0	5.0	0.0	40.0	5.0
30		0.0	13.0	15.0	15.0	30.0	15.0	19.0	10.0	6.0	15.0	0.0
31		0.0	5.0	0.0	15.0	0.0	5.0	30.0	0.0	10.0	0.0	3.0
Total		146.0	53.0	349.0	383.0	299.0	436.0	431.0	286.0	383.0	488.0	145.0
D. Ll.		17	9	23	25	28	29	28	24	24	29	21
TOTALES ANUALES							mm.					Días lluvia

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

ESTACION: EL RECREO **MUNICIPIO:** SUAITA **AÑO:** 1.988

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	12.0							
2	0.0	0.0	0.0	0.0	13.0							
3	0.0	0.0	0.0	30.0	22.0							
4	8.0	11.0	0.0	0.0	25.0							
5	0.0	0.0	0.0	20.0	0.0							
6	0.0	0.0	8.0	0.0	10.0							
7	10.0	0.0	0.0	15.0	17.0							
8	0.0	8.0	0.0	36.0	22.0							
9	0.0	0.0	0.0	0.0	0.0							
10	0.0	0.0	0.0	0.0	20.0							
11	6.0	0.0	0.0	8.0	0.0							
12	0.0	6.0	4.0	0.0	15.0							
13	0.0	0.0	0.0	15.0	12.0							
14	16.0	0.0	0.0	0.0	3.0							
15	0.0	5.0	0.0	18.0	5.0							
16	0.0	0.0	0.0	0.0	8.0							
17	0.0	0.0	5.0	0.0	35.0							
18	7.0	10.0	0.0	14.0	44.0							
19	0.0	0.0	0.0	10.0	5.0							
20	0.0	0.0	0.0	35.0	0.0							
21	4.0	7.0	0.0	0.0	0.0							
22	0.0	0.0	0.0	0.0	0.0							
23	0.0	5.0	0.0	5.0	0.0							
24	0.0	0.0	0.0	15.0	5.0							
25	0.0	0.0	3.0	6.0	10.0							
26	9.0	8.0	0.0	10.0	30.0							
27	0.0	0.0	0.0	30.0	2.0							
28	0.0	0.0	0.0	0.0	8.0							
29	0.0	0.0	40.0	32.0	3.0							
30	4.0	0.0	30.0	0.0	6.0							
31	0.0	0.0	0.0	0.0	0.0							
Total	64.0	60.0	90.0	299.0	332.0							
D. Ll.	8	8	6	16	23							

TOTALES ANUALES mm. Dias lluvia

ESTACION: CITE **MUNICIPIO:** EARBOSA **AÑO:** 1.988

ALTITUD: 1.600 **LATITUD:** 5-59 N. **LONGITUD:** 73-36 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	1.0	0.0	10.0	5.0	0.0	10.0	2.0	5.0	5.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	10.0	5.0	0.0
3	0.0	0.0	1.0	5.0	10.0	0.0	0.0	1.0	5.0	0.0	0.0	4.0
4	0.0	0.0	0.0	0.0	0.0	0.0	5.0	4.0	0.0	0.0	0.0	0.0
5	0.0	10.0	0.0	20.0	6.0	6.0	0.0	0.0	10.0	0.0	2.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0	0.0	5.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	0.0	5.0
8	0.0	0.0	0.0	0.0	5.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
9	5.0	10.0	0.0	5.0	0.0	0.0	0.0	10.0	4.0	10.0	0.0	0.0
10	0.0	0.0	0.0	0.0	5.0	5.0	0.0	20.0	0.0	0.0	5.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	5.0	0.0	10.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
13	0.0	0.0	0.0	18.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
14	4.0	0.0	0.0	5.0	10.0	10.0	0.0	4.0	3.0	0.0	0.0	5.0
15	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.0	5.0	4.0	10.0	0.0
16	0.0	0.0	0.0	5.0	20.0	20.0	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	10.0	5.0	0.0	0.0	0.0
18	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	2.0	0.0	5.0	0.0	10.0	20.0	5.0	0.0	0.0	0.0
20	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	2.0	5.0	0.0
21	0.0	5.0	0.0	6.0	10.0	10.0	10.0	10.0	10.0	0.0	0.0	5.0
22	0.0	0.0	0.0	1.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0	5.0	0.0	5.0	0.0
24	5.0	0.0	1.0	0.0	0.0	0.0	5.0	4.0	2.0	4.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	5.0	10.0	10.0	30.0	10.0	0.0	0.0	0.0	4.0
27	0.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	5.0	0.0	5.0	0.0
28	0.0	5.0	0.0	12.0	5.0	5.0	5.0	2.0	0.0	0.0	0.0	0.0
29	0.0	2.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	1.0	18.0	0.0	5.0	0.0	5.0	5.0	0.0	5.0	0.0
31	0.0	0.0	10.0	0.0	10.0	0.0	5.0	10.0	0.0	10.0	0.0	1.0
Total	14.0	33.0	15.0	145.0	131.0	91.0	139.0	144.0	88.0	55.0	42.0	34.0
D. Ll.	3	6	5	15	14	10	16	21	16	9	8	7

TOTALES ANUALES 931.0 mm. 130 Dias lluvia

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

ESTACION: BUENAVISTA **MUNICIPIO:** BARBOSA **AÑO:** 1.988

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	0.0	0.0	0.0		10.0	17.0	11.0	9.0		0.0	6.0	0.0
2	0.0	0.0	0.0		9.0	9.0	8.0	11.0		10.0	4.0	0.0
3	0.0	0.0	0.0		12.0	10.0	5.0	2.0		9.0	3.0	3.0
4	0.0	0.0	0.0		20.0	39.0	10.0	7.0		4.0	2.0	0.0
5	0.0	11.0	0.0		17.0	30.0	8.0	15.0		7.0	7.0	4.0
6	0.0	0.0	0.0		8.0	12.0	5.0	0.0		0.0	4.0	0.0
7	0.0	10.0	0.0		13.0	17.0	67.0	9.0		9.0	0.0	0.0
8	11.0	0.0	0.0		7.0	5.0	3.0	12.0		2.0	8.0	5.0
9	0.0	5.0	0.0		19.0	14.0	0.0	4.0		0.0	5.0	0.0
10	0.0	0.0	0.0		11.0	21.0	0.0	8.0		2.0	8.0	2.0
11	0.0	19.0	0.0		8.0	8.0	0.0	20.0		3.0	6.0	3.0
12	0.0	0.0	0.0		17.0	11.0	0.0	16.0		4.0	4.0	0.0
13	0.0	32.0	0.0		11.0	6.0	1.0	10.0		6.0	5.0	6.0
14	0.0	0.0	0.0		0.0	2.0	0.0	4.0		4.0	8.0	2.0
15	0.0	0.0	0.0		0.0	0.0	3.0	7.0		3.0	9.0	3.0
16	0.0	0.0	0.0		0.0	19.0	0.0	0.0		5.0	0.0	0.0
17	0.0	0.0	0.0		0.0	11.0	5.0	0.0		6.0	5.0	0.0
18	0.0	0.0	0.0		10.0	13.0	1.0	0.0		4.0	6.0	0.0
19	0.0	0.0	0.0		5.0	60.0	0.0	0.0		3.0	7.0	0.0
20	0.0	4.0	0.0		0.0	19.0	0.0	0.0		4.0	9.0	0.0
21	0.0	2.0	0.0		0.0	11.0	0.0	0.0		2.0	8.0	0.0
22	0.0	7.0	0.0		6.0	24.0	0.0	3.0		0.0	9.0	0.0
23	0.0	0.0	0.0		20.0	17.0	4.0	5.0		0.0	3.0	7.0
24	0.0	0.0	0.0		19.0	11.0	7.0	3.0		2.0	2.0	2.0
25	0.0	11.0	0.0		7.0	21.0	3.0	0.0		5.0	3.0	6.0
26	0.0	19.0	0.0		11.0	34.0	14.0	9.0		6.0	2.0	7.0
27	0.0	15.0	0.0		5.0	16.0	11.0	12.0		0.0	0.0	10.0
28	0.0	11.0	40.0		27.0	7.0	0.0	4.0		6.0	0.0	12.0
29	0.0	0.0	20.0		10.0	3.0	9.0	8.0		2.0	2.0	0.0
30	0.0	0.0	30.0		19.0	19.0	4.0	7.0		3.0	2.0	10.0
31	0.0	0.0	0.0		8.0	0.0	3.0	0.0		4.0	0.0	9.0
Total	11.0	146.0	90.0		309.0	486.0	162.0	185.0		115.0	137.0	91.0
D. Ll.	1	12	3		25	29	20	22		25	26	16
TOTALES ANUALES							mm.					Días lluvia

ESTACION: LA CUMBRE **MUNICIPIO:** PUENTE NACIONAL **AÑO:** 1.988

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	9.0	5.0	0.0	21.0	58.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
2	0.0	0.0	0.0	10.0	40.0	0.0	10.0	5.0	23.0	3.0	20.0	0.0
3	0.0	2.0	0.0	27.0	0.0	34.0	10.0	9.0	18.0	0.0	17.0	3.0
4	0.0	6.0	0.0	3.0	20.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0
5	0.0	0.0	0.0	1.0	29.0	2.0	18.0	4.0	25.0	0.0	24.0	2.0
6	0.0	3.0	0.0	0.0	0.0	0.0	17.0	0.0	10.0	0.0	10.0	4.0
7	0.0	0.0	0.0	3.0	0.0	10.0	0.0	8.0	0.0	0.0	7.0	0.0
8	1.0	5.0	0.0	0.0	23.0	0.0	0.0	12.0	24.0	26.0	0.0	25.0
9	0.0	0.0	0.0	30.0	3.0	5.0	0.0	3.0	18.0	10.0	54.0	22.0
10	0.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	22.0	0.0	4.0	0.0
11	0.0	7.0	0.0	10.0	10.0	0.0	7.0	5.0	11.0	3.0	44.0	0.0
12	0.0	0.0	0.0	0.0	13.0	28.0	0.0	15.0	0.0	5.0	20.0	0.0
13	0.0	0.0	12.0	10.0	8.0	32.0	0.0	7.0	13.0	0.0	0.0	7.0
14	0.0	10.0	8.0	0.0	13.0	20.0	2.0	11.0	10.0	20.0	24.0	32.0
15	0.0	0.0	0.0	4.0	32.0	0.0	0.0	16.0	5.0	10.0	18.0	20.0
16	0.0	0.0	0.0	0.0	0.0	63.0	0.0	1.0	0.0	8.0	15.0	2.0
17	0.0	0.0	0.0	15.0	5.0	0.0	0.0	14.0	2.0	3.0	0.0	9.0
18	0.0	3.0	0.0	0.0	0.0	0.0	0.0	5.0	17.0	0.0	0.0	7.0
19	0.0	0.0	0.0	0.0	3.0	0.0	10.0	15.0	0.0	0.0	9.0	14.0
20	0.0	0.0	0.0	2.0	7.0	24.0	0.0	2.0	0.0	14.0	0.0	0.0
21	9.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	5.0	7.0	35.0
22	12.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	32.0	2.0	18.0	22.0
23	0.0	0.0	0.0	0.0	28.0	0.0	0.0	3.0	9.0	1.0	0.0	15.0
24	2.0	13.0	0.0	32.0	0.0	10.0	4.0	7.0	0.0	0.0	20.0	25.0
25	0.0	0.0	0.0	27.0	13.0	0.0	0.0	0.0	0.0	18.0	0.0	14.0
26	0.0	0.0	0.0	0.0	0.0	9.0	17.0	0.0	20.0	3.0	0.0	16.0
27	17.0	0.0	0.0	0.0	20.0	20.0	0.0	13.0	16.0	0.0	3.0	15.0
28	26.0	0.0	0.0	26.0	3.0	0.0	7.0	3.0	20.0	2.0	0.0	0.0
29	0.0	0.0	8.0	20.0	17.0	0.0	0.0	8.0	0.0	14.0	5.0	30.0
30	0.0	0.0	38.0	17.0	20.0	0.0	0.0	19.0	0.0	20.0	0.0	10.0
31	0.0	0.0	4.0	0.0	0.0	0.0	6.0	12.0	0.0	8.0	0.0	18.0
Total	76.0	56.0	70.0	260.0	365.0	267.0	108.0	219.0	300.0	189.0	319.0	347.0
D. Ll.	7	10	5	18	20	13	11	25	19	20	18	22
TOTALES ANUALES							2576.0 mm.				188	Días lluvia

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

ESTACION: LA MESA **MUNICIPIO:** MARIQUITA **AÑO:** 1.988

ALTITUD: 1.200 **LATITUD:** 5–11 N. **LONGITUD:** 74–53 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	40.0	0.0	5.0	0.0	10.0	15.0	15.0	10.0
2	5.0	0.0	0.0	0.0	0.0	0.0	5.0	20.0	5.0	40.0	12.0	70.0
3	5.0	0.0	0.0	40.0	0.0	0.0	10.0	0.0	10.0	15.0	0.0	25.0
4	5.0	0.0	0.0	30.0	20.0	0.0	15.0	10.0	0.0	0.0	0.0	43.0
5	15.0	20.0	0.0	10.0	0.0	0.0	5.0	0.0	45.0	0.0	5.0	17.0
6	10.0	10.0	0.0	0.0	0.0	0.0	25.0	0.0	5.0	10.0	20.0	0.0
7	20.0	0.0	0.0	0.0	0.0	0.0	5.0	40.0	10.0	40.0	40.0	10.0
8	0.0	0.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
9	0.0	10.0	5.0	10.0	0.0	0.0	0.0	0.0	60.0	5.0	0.0	30.0
10	0.0	0.0	0.0	40.0	0.0	0.0	0.0	20.0	0.0	0.0	40.0	0.0
11	0.0	60.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	50.0	0.0	5.0	0.0	0.0	5.0	45.0	0.0	20.0
13	0.0	0.0	0.0	0.0	0.0	50.0	0.0	90.0	10.0	0.0	0.0	95.0
14	0.0	0.0	0.0	5.0	5.0	0.0	0.0	20.0	0.0	0.0	45.0	0.0
15	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	25.0	0.0
16	0.0	5.0	10.0	0.0	0.0	0.0	0.0	20.0	25.0	0.0	20.0	18.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	10.0	0.0	15.0	0.0	50.0	10.0	28.0
19	0.0	0.0	0.0	20.0	20.0	0.0	0.0	100.0	20.0	0.0	5.0	0.0
20	0.0	0.0	0.0	25.0	0.0	0.0	0.0	50.0	80.0	60.0	25.0	5.0
21	0.0	5.0	0.0	30.0	0.0	0.0	0.0	20.0	0.0	0.0	35.0	40.0
22	15.0	0.0	10.0	10.0	0.0	10.0	0.0	0.0	35.0	0.0	45.0	0.0
23	0.0	55.0	0.0	30.0	0.0	20.0	20.0	90.0	0.0	0.0	10.0	0.0
24	0.0	25.0	0.0	10.0	0.0	30.0	30.0	0.0	0.0	40.0	0.0	0.0
25	25.0	10.0	0.0	10.0	50.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0
26	0.0	20.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	55.0	0.0	0.0	0.0	15.0	10.0	13.0	10.0	0.0
28	0.0	20.0	0.0	0.0	0.0	10.0	10.0	10.0	0.0	0.0	25.0	20.0
29	0.0	10.0	50.0	60.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.0	10.0	0.0	15.0	5.0
31	0.0	0.0	0.0	0.0	0.0	0.0	10.0	20.0	0.0	10.0	0.0	0.0
Total	100.0	290.0	80.0	480.0	135.0	135.0	140.0	650.0	340.0	393.0	412.0	441.0
D. Ll.	8	12	5	19	5	7	11	18	15	16	19	16

TOTALES ANUALES 3596.0 mm. 151 Días lluvia

ESTACION: LA CIMARRONA **MUNICIPIO:** FRESNO **AÑO:** 1.988

ALTITUD: 1.400 **LATITUD:** 5–10 N. **LONGITUD:** 75–00 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	2.0	0.0	0.0	0.0	0.0	0.0	12.0	5.0	84.0	9.0	0.0	29.0
2	6.0	7.0	18.0	0.0	6.0	32.0	0.0	2.0	0.0	63.0	10.0	32.0
3	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	2.0	13.0
4	30.0	6.0	3.0	0.0	0.0	0.0	15.0	0.0	10.0	14.0	0.0	22.0
5	0.5	3.0	12.0	0.5	8.0	0.0	0.0	12.0	0.0	10.0	0.0	13.0
6	0.0	0.0	0.0	4.0	0.0	0.0	0.0	3.0	14.0	1.0	8.0	0.0
7	50.0	8.0	0.0	0.0	0.0	7.0	0.0	8.0	51.0	8.0	5.0	10.0
8	0.0	32.0	0.0	40.0	10.0	0.0	20.0	0.0	6.0	0.0	9.0	0.0
9	0.0	4.0	0.0	4.0	0.0	8.0	0.0	2.0	0.0	11.0	6.0	0.0
10	0.0	12.0	0.0	2.0	2.0	0.0	0.0	0.0	9.0	17.0	17.0	10.0
11	8.0	3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	23.0	5.0	12.0
12	0.0	0.0	0.0	40.0	0.0	17.0	0.0	0.0	5.0	5.0	11.0	14.0
13	9.0	20.0	17.0	0.0	0.0	10.0	0.0	10.0	9.0	18.0	8.0	0.0
14	0.0	0.0	0.0	0.0	2.0	8.0	0.0	0.0	0.0	20.0	9.0	0.0
15	20.0	5.0	0.0	2.0	10.0	2.0	0.0	2.0	0.0	12.0	36.0	0.0
16	0.0	0.0	0.0	0.0	0.0	7.0	0.0	3.0	11.0	18.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	13.0	3.0	0.0
18	0.0	16.0	0.0	0.0	0.0	29.0	0.0	0.0	10.0	4.0	0.0	0.0
19	0.0	2.0	0.0	0.0	0.0	3.0	0.0	2.0	13.0	0.0	10.0	10.0
20	7.0	14.0	0.0	10.0	0.0	0.0	0.0	5.0	62.0	3.0	15.0	0.0
21	3.0	5.0	0.0	40.0	0.0	0.0	0.0	10.0	0.0	12.0	25.0	0.0
22	0.0	12.0	0.0	40.0	0.0	8.0	0.0	0.0	11.0	5.0	31.0	0.0
23	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	6.0	0.0	12.0	0.0
24	0.0	11.0	4.0	0.0	0.0	3.0	4.0	2.0	26.0	0.0	0.0	0.0
25	0.0	18.0	0.0	0.0	0.0	10.0	14.0	10.0	0.0	8.0	0.0	17.0
26	0.0	6.0	0.0	40.0	0.0	20.0	2.0	6.0	40.0	0.0	0.0	0.0
27	0.0	15.0	0.0	0.0	11.0	0.0	0.0	22.0	0.0	0.0	10.0	1.0
28	0.0	3.0	4.0	70.0	31.0	10.0	0.0	0.0	2.0	12.0	25.0	57.0
29	0.0	25.0	14.0	0.0	0.0	0.0	0.0	15.0	25.0	0.0	31.0	36.0
30	0.0	0.0	6.0	0.0	0.0	2.0	0.0	67.0	13.0	0.0	17.0	20.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
Total	135.5	227.0	78.0	323.5	80.0	176.0	77.0	186.0	411.0	286.0	305.0	317.0
D. Ll.	10	21	8	15	8	16	7	18	20	21	22	16

TOTALES ANUALES 2602.0 mm. 182 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: 1.988

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	6.0	0.0	3.0	8.0	64.0	0.0	0.0		40.0	30.0	27.0	21.0
2	0.0	0.0	2.0	0.0	2.0	29.0	0.0		0.0	39.0	28.0	104.0
3	0.0	21.0	0.0	53.0	11.0	0.0	35.0		0.0	29.0	0.0	35.0
4	0.0	0.0	3.0	0.0	22.0	0.0	34.0		6.0	16.0	0.0	37.0
5	0.0	5.0	3.0	10.0	7.0	0.0	0.0		3.0	3.0	30.0	18.0
6	0.0	48.0	0.0	20.0	3.0	1.0	20.0		0.0	16.0	0.0	0.0
7	7.0	0.0	0.0	0.0	0.0	0.0	2.0		13.0	6.0	58.0	10.0
8	0.0	29.0	0.0	46.0	0.0	0.0	10.0		9.0	0.0	0.0	0.0
9	0.0	0.0	7.0	23.0	0.0	2.0	0.0		20.0	0.0	0.0	0.0
10	0.0	48.0	0.0	7.0	3.0	0.0	0.0		10.0	0.0	10.0	0.0
11	5.0	6.0	0.0	13.0	0.0	0.0	0.0		3.0	0.0	3.0	14.0
12	0.0	23.0	0.0	21.0	0.0	4.0	0.0		0.0	8.0	2.0	11.0
13	0.0	0.0	0.0	2.0	23.0	29.0	0.0		12.0	28.0	30.0	33.0
14	2.0	0.0	0.0	0.0	2.0	0.0	0.0		0.0	30.0	34.0	0.0
15	19.0	0.0	0.0	18.0	0.0	0.0	0.0		0.0	8.0	14.0	0.0
16	32.0	0.0	18.0	0.0	1.0	7.0	0.0		6.0	6.0	7.0	0.0
17	21.0	0.0	0.0	0.0	0.0	0.0	0.0		27.0	29.0	25.0	3.0
18	0.0	0.0	0.0	4.0	5.0	7.0	0.0		16.0	2.0	16.0	2.0
19	14.0	0.0	0.0	6.0	5.0	0.0	0.0		70.0	0.0	7.0	18.0
20	0.0	0.0	0.0	4.0	4.0	0.0	0.0		14.0	32.0	62.0	11.0
21	11.0	17.0	0.0	6.0	0.0	4.0	0.0		0.0	25.0	12.0	0.0
22	0.0	5.0	0.0	40.0	0.0	33.0	0.0		9.0	0.0	25.0	0.0
23	0.0	28.0	9.0	6.0	0.0	39.0	0.0		0.0	0.0	5.0	0.0
24	0.0	44.0	0.0	4.0	0.0	20.0	31.0		30.0	12.0	3.0	0.0
25	0.0	12.0	0.0	11.0	3.0	9.0	3.0		45.0	0.0	3.0	43.0
26	0.0	7.0	4.0	2.0	49.0	0.0	0.0		0.0	3.0	0.0	0.0
27	0.0	7.0	0.0	3.0	0.0	7.0	0.0		0.0	11.0	0.0	29.0
28	58.0	10.0	0.0	32.0	0.0	0.0	9.0		0.0	0.0	33.0	66.0
29	0.0	33.0	49.0	0.0	39.0	0.0	0.0		12.0	12.0	34.0	0.0
30	14.0	0.0	8.0	43.0	0.0	0.0	0.0		0.0	2.0	21.0	15.0
31	0.0	0.0	0.0	0.0	38.0	0.0	0.0		0.0	3.0	0.0	18.0
Total	169.0	343.0	106.0	382.0	281.0	191.0	144.0		345.0	350.0	489.0	488.0
D. Ll.	11	16	10	23	17	13	8		18	22	23	18

TOTALES ANUALES mm. Días lluvia

ESTACION: EL PROGRESO MUNICIPIO: HERVEO AÑO: 1.988

ALTITUD: 1.860 LATITUD: 5-06 N. LONGITUD: 75-08 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	7.0	5.0	26.0	10.0	0.0					
2	0.0	0.0	0.0	4.0	0.0	0.0	20.0					
3	9.0	3.0	0.0	41.0	31.0	31.0	24.0					
4	0.0	0.0	0.0	0.0	0.0	0.0	18.0					
5	0.0	0.0	0.0	12.0	11.0	0.0	27.0					
6	0.0	0.0	0.0	33.0	8.0	0.0	34.0					
7	0.0	16.0	0.0	7.0	0.0	0.0	26.0					
8	0.0	6.0	0.0	23.0	0.0	0.0	0.0					
9	0.0	12.0	15.0	34.0	0.0	0.0	0.0					
10	0.0	10.0	0.0	25.0	0.0	0.0	0.0					
11	6.0	9.0	18.0	13.0	0.0	0.0	0.0					
12	0.0	0.0	4.0	18.0	0.0	0.0	0.0					
13	5.0	6.0	0.0	6.0	10.0	6.0	0.0					
14	0.0	10.0	0.0	0.0	3.0	12.0	0.0					
15	0.0	9.0	4.0	11.0	9.0	30.0	0.0					
16	0.0	0.0	0.0	12.0	8.0	42.0	0.0					
17	25.0	0.0	0.0	0.0	3.0	0.0	0.0					
18	12.0	0.0	0.0	10.0	0.0	0.0	0.0					
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
20	2.0	0.0	0.0	0.0	0.0	8.0	0.0					
21	0.0	25.0	0.0	11.0	0.0	0.0	0.0					
22	0.0	5.0	0.0	44.0	0.0	0.0	0.0					
23	0.0	5.0	0.0	0.0	0.0	12.0	11.0					
24	2.0	50.0	0.0	3.0	0.0	49.0	16.0					
25	8.0	6.0	0.0	37.0	51.0	19.0	6.0					
26	0.0	11.0	7.0	0.0	0.0	29.0	0.0					
27	0.0	6.0	0.0	0.0	3.0	5.0	0.0					
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
29	0.0	5.0	6.0	0.0	35.0	0.0	0.0					
30	0.0	0.0	0.0	44.0	0.0	0.0	0.0					
31	0.0	0.0	0.0	0.0	24.0	0.0	0.0					
Total	69.0	194.0	61.0	393.0	222.0	257.0	162.0					
D. Ll.	8	17	7	20	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 ANDES **MUNICIPIO:** PLANADAS **AÑO:** 1.988

ALTITUD: 1.500 **LATITUD:** 3-13 N. **LONGITUD:** 75-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	7.0	0.0	0.0	23.0	0.0	20.0	12.0	0.0
2	0.0	0.0	0.0	0.0	5.0	0.0	49.0	0.0	0.0	36.0	5.0	28.0
3	0.0	0.0	0.0	4.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0
4	0.0	55.0	0.0	0.0	5.0	0.0	30.0	0.0	0.0	11.0	0.0	0.0
5	0.0	2.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	5.0	50.0	52.0
6	0.0	0.0	0.0	21.0	0.0	0.0	13.0	0.0	0.0	2.0	15.0	48.0
7	2.0	2.0	20.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0
8	2.0	0.0	73.0	0.0	3.0	0.0	2.0	0.0	0.0	0.0	41.0	10.0
9	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	13.0
10	7.0	21.0	0.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0	5.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	4.0	0.0
12	0.0	0.0	0.0	30.0	0.0	0.0	13.0	0.0	40.0	10.0	15.0	0.0
13	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	5.0	10.0	27.0
14	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	20.0	85.0	0.0
15	14.0	0.0	15.0	0.0	6.0	0.0	0.0	0.0	3.0	0.0	30.0	4.0
16	22.0	0.0	2.0	0.0	0.0	41.0	0.0	2.0	0.0	5.0	0.0	5.0
17	2.0	0.0	0.0	20.0	0.0	10.0	0.0	16.0	0.0	45.0	23.0	0.0
18	21.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
19	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
20	9.0	0.0	0.0	13.0	0.0	42.0	0.0	30.0	5.0	7.0	21.0	0.0
21	29.0	58.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
22	2.0	0.0	0.0	60.0	0.0	2.0	0.0	8.0	10.0	7.0	15.0	28.0
23	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
24	0.0	5.0	0.0	30.0	0.0	22.0	0.0	0.0	2.0	0.0	25.0	41.0
25	0.0	75.0	0.0	5.0	22.0	2.0	4.0	0.0	0.0	0.0	11.0	20.0
26	8.0	35.0	0.0	3.0	0.0	0.0	0.0	0.0	2.0	0.0	10.0	0.0
27	0.0	0.0	0.0	0.0	22.0	0.0	0.0	45.0	0.0	25.0	0.0	5.0
28	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	5.0
29	0.0	0.0	0.0	0.0	20.0	0.0	0.0	5.0	0.0	5.0	15.0	0.0
30	0.0	0.0	0.0	20.0	25.0	5.0	0.0	20.0	110.0	20.0	58.0	12.0
31	0.0	0.0	0.0	0.0	30.0	0.0	0.0	1.0	0.0	25.0	0.0	0.0
Total	125.0	263.0	110.0	285.0	153.0	136.0	149.0	151.0	247.0	271.0	468.0	313.0
D. Ll.	12	9	4	15	11	5	8	10	12	18	20	15

TOTALES ANUALES 2671.0 mm. 143 Días lluvia

ESTACION: EL INCIENSAL **MUNICIPIO:** MURILLO **AÑO:** 1.988

ALTITUD: 2.400 **LATITUD:** 4-53 N. **LONGITUD:** 73-08 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1						0.0	7.0	0.0	0.0	0.0	15.4	8.8
2						0.0	0.0	3.1	0.0	0.0	0.9	37.0
3						0.0	5.6	0.0	0.0	6.3	13.8	20.0
4						0.0	5.7	0.0	0.0	3.1	0.0	37.0
5						0.0	3.1	0.0	0.0	0.0	14.4	36.0
6						0.0	4.0	1.1	0.0	0.0	10.1	3.3
7						0.0	1.0	0.0	16.8	0.0	0.0	27.0
8						0.0	1.7	0.0	0.0	0.0	0.0	0.0
9						0.0	0.0	0.0	0.0	0.0	13.5	13.0
10						0.0	1.0	0.0	8.0	0.0	0.0	0.0
11						0.0	0.0	0.0	0.0	1.4	0.0	20.0
12						3.3	0.0	0.0	13.4	30.0	26.1	0.0
13						8.8	0.0	0.0	28.0	0.0	45.0	0.0
14						0.0	0.0	0.0	0.0	57.2	50.0	7.2
15						12.0	0.0	19.0	11.3	0.0	14.0	0.0
16						0.0	0.0	28.0	9.2	11.1	12.0	0.0
17						0.0	0.0	0.0	31.6	14.4	0.0	0.0
18						16.1	0.0	10.1	6.6	2.8	2.7	4.0
19						0.0	0.0	2.7	30.0	6.3	25.0	0.0
20						0.0	0.0	3.8	21.3	0.0	54.8	0.0
21						3.7	3.0	3.1	0.0	9.2	46.8	11.0
22						6.0	0.0	5.4	0.0	3.3	13.0	0.0
23						0.0	0.0	3.9	25.4	0.0	14.6	0.0
24						7.1	0.0	7.0	15.4	14.2	7.0	0.0
25						1.1	0.0	0.0	0.0	9.3	4.0	0.0
26						7.1	0.0	0.0	0.0	9.0	0.0	0.0
27						3.7	0.0	7.3	0.0	21.0	0.0	0.0
28						0.0	0.0	3.4	12.2	0.0	16.2	0.0
29						0.0	2.7	9.1	0.0	0.0	0.0	0.0
30						0.0	8.6	36.5	0.0	0.0	22.0	18.8
31						0.0	13.1	0.0	0.0	53.7	0.0	0.0
Total						68.9	56.5	143.5	229.2	252.3	420.8	243.1
D. Ll.						10	12	15	13	16	21	13

mm. Días lluvia

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

ESTACION: EL EDEN **MUNICIPIO:** LIBANO **AÑO:** 1.988

ALTITUD: 1.350 **LATITUD:** 4-57 N. **LONGITUD:** 75-01 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	12.0	19.0	75.0	0.0	0.0	37.0	24.0	29.0	37.0	25.0
2	4.0	0.0	0.0	0.0	0.0	30.0	0.0	16.0	0.0	0.0	76.0	75.0
3	0.0	0.0	0.0	65.0	14.0	0.0	43.0	0.0	0.0	9.0	0.0	0.0
4	0.0	0.0	0.0	0.0	18.0	0.0	40.0	6.0	0.0	0.0	0.0	80.0
5	13.0	11.0	0.0	37.0	0.0	0.0	22.0	0.0	0.0	19.0	0.0	56.0
6	0.0	20.0	0.0	15.0	31.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	10.0	15.0	5.0
8	0.0	55.0	0.0	50.0	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	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	4.0	0.0	21.0
12	0.0	52.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	24.0	0.0
14	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	131.0	0.0	0.0
15	31.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0	0.0	29.0	0.0
16	0.0	0.0	0.0	0.0	0.0	51.0	0.0	13.0	0.0	0.0	15.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	25.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0	12.0	40.0	9.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0	28.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	67.0	36.0	28.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
22	0.0	0.0	0.0	22.0	0.0	23.0	0.0	0.0	4.0	0.0	0.0	0.0
23	0.0	46.0	0.0	0.0	0.0	38.0	0.0	25.0	0.0	0.0	0.0	0.0
24	0.0	0.0	26.0	0.0	0.0	28.0	0.0	0.0	15.0	0.0	0.0	0.0
25	0.0	6.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	56.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	26.0	28.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
28	0.0	8.0	0.0	5.0	0.0	7.0	0.0	20.0	0.0	0.0	35.0	22.0
29	0.0	0.0	26.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	65.0	0.0	0.0	21.0	0.0	0.0	0.0	25.0	8.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	113.0	198.0	64.0	417.0	228.0	187.0	105.0	296.0	199.0	391.0	347.0	321.0
D. Ll.	4	7	3	14	8	7	3	10	10	13	10	9

TOTALES ANUALES 2866.0 mm. 98 Días lluvia

ESTACION: PLANES **MUNICIPIO:** LERIDA **AÑO:** 1.988

ALTITUD: 1.200 **LATITUD:** 4-51 N **LONGITUD:** 74-59 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	52.0	0.0	17.0	20.0	0.0	0.0	20.0	5.0
2	0.0	5.0	0.0	40.0	0.0	21.0	15.0	7.0	0.0	23.0	0.0	52.0
3	0.0	0.0	0.0	0.0	82.0	0.0	15.0	13.0	0.0	50.0	0.0	50.0
4	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	52.0
5	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	5.0	4.0	0.0
6	0.0	17.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	18.0	22.0	0.0
7	0.0	0.0	0.0	57.0	5.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
8	0.0	42.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	20.0	8.0	0.0	0.0	5.0	0.0	10.0	0.0	0.0
10	0.0	40.0	0.0	3.0	0.0	0.0	0.0	10.0	0.0	0.0	30.0	6.0
11	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	13.0	5.0	13.0	3.0
12	0.0	12.0	0.0	5.0	0.0	0.0	0.0	0.0	9.0	18.0	0.0	0.0
13	0.0	0.0	0.0	0.0	17.0	40.0	0.0	5.0	0.0	0.0	20.0	0.0
14	15.0	0.0	0.0	30.0	0.0	11.0	0.0	3.0	0.0	109.0	5.0	0.0
15	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0
16	60.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	15.0	14.0	8.0	3.0
17	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0
18	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	25.0	11.0	20.0	0.0
19	0.0	0.0	0.0	5.0	0.0	0.0	0.0	30.0	0.0	0.0	10.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	38.0	31.0	5.0	18.0
21	0.0	0.0	0.0	7.0	0.0	0.0	0.0	15.0	0.0	7.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	14.0	0.0	38.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	28.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	40.0	0.0	0.0	15.0
25	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	38.0	0.0	0.0	0.0	24.0	3.0	0.0	0.0	0.0
27	0.0	9.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
28	40.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0
29	0.0	0.0	15.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0
30	0.0	0.0	12.0	20.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0
31	0.0	0.0	5.0	0.0	13.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0
Total	115.0	130.0	32.0	272.0	187.0	169.0	51.0	245.0	169.0	398.0	162.0	224.0
D. Ll.	3	7	3	12	7	12	4	15	9	16	12	10

TOTALES ANUALES 2154.0 mm. 110 Días lluvia

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

ESTACION: GUADALITO — MUNICIPIO: SANTA ISABEL — AÑO: 1.988

ALTITUD: 1.620 — LATITUD: 4-41 N. — LONGITUD: 75-05 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	2.0	0.0	5.0	3.0	12.0	67.0	29.0	30.0	4.0	2.0
2	0.0	0.0	0.0	0.0	5.0	1.0	20.0	0.0	0.0	3.0	3.0	0.0
3	0.0	0.0	0.0	13.0	10.0	10.0	10.0	6.0	0.0	0.0	9.0	4.0
4	0.0	4.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	1.0	8.0	0.0
5	0.0	0.0	0.0	0.0	70.0	0.0	3.0	0.0	0.0	5.0	22.0	0.0
6	0.0	21.0	0.0	27.0	15.0	14.0	4.0	0.0	0.0	0.0	3.0	0.0
7	0.0	0.0	0.0	3.0	9.0	20.0	6.0	0.0	19.0	0.0	0.0	4.0
8	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	41.0	78.0
9	0.0	0.0	0.0	48.0	2.0	3.0	0.0	0.0	7.0	0.0	32.0	1.0
10	0.0	11.0	0.0	11.0	4.0	9.0	0.0	0.0	27.0	0.0	24.0	13.0
11	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	34.0	0.0	12.0	4.0
12	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	5.0	0.0	11.0	7.0
13	0.0	22.0	0.0	4.0	0.0	2.0	0.0	0.0	18.0	40.0	7.0	0.0
14	0.0	0.0	0.0	16.0	0.0	17.0	0.0	50.0	7.0	20.0	3.0	0.0
15	5.5	0.0	0.0	78.0	10.0	1.0	0.0	10.0	4.0	100.0	8.0	0.0
16	5.0	1.0	0.0	2.0	2.0	2.0	0.0	5.0	23.0	2.0	9.0	11.0
17	90.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	18.0	3.0	70.0	8.0
18	11.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	2.0	0.0	20.0	2.0
19	0.0	0.0	0.0	40.0	5.0	3.0	0.0	100.0	25.0	6.0	8.0	32.0
20	0.0	0.0	0.0	14.0	20.0	4.0	0.0	6.0	35.0	0.0	17.0	4.0
21	0.0	7.0	0.0	12.0	5.0	6.0	0.0	10.0	0.0	1.0	13.0	9.0
22	0.0	0.0	0.0	51.0	0.0	6.0	0.0	8.0	6.0	0.0	2.0	39.0
23	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	30.0	0.0	16.0	6.0
24	0.0	0.0	4.0	19.0	0.0	0.0	0.0	2.0	0.0	0.0	14.0	13.0
25	0.0	4.0	0.0	3.0	0.0	0.0	10.0	0.0	0.0	0.0	42.0	2.0
26	30.0	6.0	0.0	5.0	0.0	8.0	0.0	115.0	0.0	0.0	22.0	3.0
27	0.0	5.0	0.0	0.0	9.0	17.0	0.0	5.0	0.0	0.0	11.0	20.0
28	10.0	5.0	0.0	0.0	11.0	12.0	0.0	1.0	0.0	10.0	9.0	21.0
29	0.0	7.0	12.0	0.0	4.0	0.0	0.0	31.0	2.0	0.0	10.0	2.0
30	0.0	0.0	0.0	0.0	0.0	14.0	0.0	5.0	2.0	0.0	6.0	2.0
31	0.0	0.0	6.0	0.0	4.0	0.0	0.0	30.0	0.0	6.0	0.0	0.0
Total	151.5	93.0	24.0	353.0	190.0	216.0	65.0	451.0	293.0	227.0	456.0	287.0
D. Ll.	6	11	4	19	17	24	7	16	18	13	29	23

TOTALES ANUALES — 2806.5 mm. — 187 Dias lluvia

ESTACION: JANIYOF — MUNICIPIO: ANZOATEGUI — AÑO: 1.988

ALTITUD: 1.720 — LATITUD: 4-38 N. — LONGITUD: 75-04 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	50.0	0.0	10.0	0.0	14.0
2	0.0	0.0	0.0	0.0	0.0	20.0	30.0	0.0	0.0	0.0	40.0	12.0
3	0.0	0.0	0.0	10.0	20.0	0.0	20.0	0.0	0.0	0.0	0.0	20.0
4	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	10.0	0.0	18.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	5.0	10.0	15.0
8	0.0	50.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
9	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	20.0	28.0	0.0
10	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	20.0	0.0	43.0	0.0
11	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	20.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0
13	0.0	20.0	0.0	5.0	10.0	0.0	0.0	0.0	5.0	0.0	1.0	30.0
14	0.0	30.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0	14.0	0.0
15	0.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	1.0	0.0
16	5.0	0.0	0.0	0.0	0.0	40.0	0.0	20.0	10.0	0.0	10.0	0.0
17	15.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0	0.0	0.0	10.0
18	30.0	20.0	0.0	5.0	0.0	0.0	0.0	5.0	5.0	0.0	10.0	0.0
19	0.0	5.0	0.0	20.0	5.0	0.0	0.0	60.0	0.0	10.0	18.0	15.0
20	0.0	0.0	0.0	0.0	20.0	30.0	0.0	20.0	5.0	0.0	25.0	0.0
21	0.0	0.0	0.0	5.0	0.0	25.0	0.0	0.0	8.0	20.0	0.0	22.0
22	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	10.0	26.0	0.0
23	0.0	0.0	0.0	30.0	0.0	55.0	0.0	10.0	0.0	5.0	20.0	0.0
24	60.0	0.0	0.0	50.0	20.0	0.0	20.0	5.0	0.0	30.0	10.0	0.0
25	0.0	0.0	0.0	0.0	0.0	60.0	0.0	10.0	0.0	0.0	0.0	12.0
26	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
28	10.0	5.0	15.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	15.0
29	0.0	0.0	0.0	20.0	0.0	0.0	0.0	5.0	10.0	10.0	11.0	0.0
30	0.0	0.0	0.0	20.0	0.0	5.0	0.0	20.0	0.0	0.0	28.0	10.0
31	20.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	140.0	145.0	55.0	295.0	125.0	255.0	71.5	245.0	178.0	170.0	323.0	223.0
D. Ll.	6	8	2	13	7	9	4	15	9	13	17	14

TOTALES ANUALES — 2225.5 mm. — 117 Dias lluvia

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

ESTACION: TOTARITO **MUNICIPIO:** ALVARADO **AÑO:** 1.988

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

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	5.0	0.0	0.0	52.0	19.0	0.0	60.0	13.0
2	0.0	0.0	0.0	0.0	56.0	23.0	30.0	0.0	0.0	6.0	28.0	8.0
3	0.0	0.0	0.0	30.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0
4	0.0	1.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	9.0	0.0	29.0
5	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	8.0	0.0	3.0
6	0.0	20.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
8	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
9	0.0	32.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	28.0	0.0	37.0	0.0	0.0	0.0	8.0	0.0	0.0	56.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	5.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	0.0	0.0	0.0
13	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	11.0	18.0	11.0	0.0
14	0.0	0.0	0.0	5.0	0.0	7.0	0.0	0.0	0.0	45.0	0.0	0.0
15	16.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0
16	0.0	0.0	0.0	0.0	2.0	30.0	0.0	10.0	14.0	0.0	0.0	0.0
17	24.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	28.0	0.0	23.0	0.0	0.0	1.0	9.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	3.0	0.0	79.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	4.0	0.0	0.0	3.0	58.0	10.0	0.0	4.0
21	0.0	4.0	7.0	4.0	12.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0
23	10.0	0.0	0.0	0.0	0.0	50.0	0.0	10.0	0.0	0.0	0.0	5.0
24	0.0	0.0	0.0	9.0	0.0	51.0	0.0	0.0	47.0	0.0	6.0	6.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	2.0	0.0	0.0	0.0	23.0	50.0	0.0	11.0	0.0	11.0
27	0.0	0.0	0.0	3.0	12.0	78.0	2.0	0.0	0.0	0.0	0.0	33.0
28	0.0	3.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	25.0	0.0	2.0	6.0	0.0	40.0	0.0	0.0	0.0	0.0
30	40.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
31	0.0	0.0	0.0	0.0	15.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0
Total	90.0	88.0	34.0	254.0	173.0	285.0	73.0	313.0	233.0	116.0	219.0	125.0
D. Ll.	4	6	3	13	12	10	4	11	8	8	7	12

TOTALES ANUALES 2003.0 mm. 98 Dias lluvia

ESTACION: CRISOL **MUNICIPIO:** VALLE DE S.JUAN **AÑO:** 1.988

ALTITUD: 1.500 **LATITUD:** 4-10 N. **LONGITUD:** 75-07 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	16.0	0.0	4.0	10.0	28.0	21.0	2.0	32.0
2	0.0	0.0	0.0	2.0	0.0	50.0	5.0	0.0	0.0	0.0	6.0	14.0
3	0.0	4.0	0.0	0.0	35.0	0.0	4.0	0.0	1.0	0.0	0.0	6.0
4	0.0	1.5	0.0	22.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	34.0
5	20.0	2.0	0.0	9.0	7.0	0.0	30.0	0.0	0.0	0.0	4.0	32.0
6	0.0	3.0	0.0	17.0	0.0	0.0	24.0	0.0	0.0	10.0	0.0	0.0
7	0.0	4.0	0.0	0.0	10.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
8	0.0	0.0	7.0	1.6	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	5.0	0.0	0.0	8.5	0.0	4.0	0.0	20.0	0.0	2.0	0.0
10	0.0	0.0	0.0	58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	10.0
12	0.0	8.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	15.0
13	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	8.0	0.0
14	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	20.0	12.0	0.0
15	40.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	22.0	0.0
16	8.0	0.0	0.0	0.0	1.7	16.0	0.0	0.0	47.0	0.0	14.0	0.0
17	2.5	0.0	0.0	2.0	28.0	0.0	0.0	0.0	0.0	2.0	2.0	10.0
18	6.5	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	13.0
19	2.5	0.0	0.0	12.0	40.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	16.0	0.0	0.0	0.0	19.0	0.0	0.0	10.0	0.0
21	0.0	0.5	0.0	24.0	0.0	0.0	0.0	11.0	1.6	22.0	2.0	0.0
22	0.0	2.0	0.0	12.0	0.0	49.0	0.0	0.0	0.0	2.0	15.0	0.0
23	0.0	0.5	0.0	4.0	1.8	20.0	1.0	0.0	0.0	2.0	12.0	0.0
24	21.0	2.0	0.0	0.0	0.5	29.0	2.0	0.0	0.0	0.0	15.0	0.0
25	0.0	1.2	8.0	16.0	40.0	0.0	0.0	0.0	0.0	0.0	14.0	10.0
26	0.0	1.5	0.0	18.0	18.0	60.0	0.0	48.0	0.0	0.0	3.0	12.0
27	12.5	6.0	0.0	0.0	50.0	10.0	0.0	0.0	0.0	14.0	2.0	0.0
28	6.0	1.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	13.0
29	0.0	1.0	34.0	0.0	1.0	30.0	0.0	30.0	0.0	0.0	0.0	10.0
30	7.0	0.0	0.0	32.0	3.0	0.0	60.0	51.0	26.0	0.0	0.0	40.0
31	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	3.0	0.0	0.0
Total	126.0	48.4	49.0	267.6	291.3	314.0	160.0	199.0	163.6	96.0	178.0	251.0
D. Ll.	10	18	3	18	18	9	11	8	8	9	20	14

TOTALES ANUALES 2143.9 mm. 146 Dias 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: 1.988

ALTITUD: 1.200 LATITUD: 4-09 N. LONGITUD: 74-40 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	14.0	21.0	0.0	0.0	0.0	1.0	23.0	0.0	80.0
2	0.0	13.0	0.0	0.0	34.0	0.0	12.0	0.0	0.0	17.0	0.0	63.0
3	19.0	0.0	0.0	38.0	10.0	0.0	13.0	6.0	0.0	9.0	0.0	40.0
4	15.0	0.0	0.0	19.0	0.0	6.0	9.0	0.0	12.0	0.0	0.0	8.0
5	0.0	0.0	8.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	22.0	23.0
6	0.0	7.0	0.0	37.0	0.0	0.0	4.0	0.0	0.0	0.0	11.0	40.0
7	0.0	2.0	0.0	0.0	0.0	0.0	7.0	0.0	25.0	0.0	7.0	0.0
8	0.0	0.0	12.0	0.0	3.0	6.0	0.0	0.0	9.0	0.0	0.0	0.0
9	0.0	0.0	20.0	15.0	0.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	5.0	29.0	0.0	5.0	0.0	0.0	6.0	0.0	0.0	0.0
11	0.0	0.0	12.0	2.0	0.0	0.0	0.0	0.0	15.0	3.0	0.0	1.0
12	0.0	0.0	0.0	29.0	0.0	0.0	8.0	0.0	7.0	6.0	5.0	2.0
13	0.0	0.0	0.0	8.0	0.0	5.0	0.0	0.0	0.0	38.0	18.0	0.0
14	27.0	0.0	3.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0
15	3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	2.0
16	13.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	15.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	26.0	13.0	0.0	0.0
18	0.0	0.0	0.0	12.0	0.0	23.0	6.0	0.0	0.0	0.0	0.0	0.0
19	4.0	0.0	0.0	15.0	0.0	0.0	0.0	34.0	10.0	0.0	0.0	0.0
20	8.0	0.0	0.0	0.0	0.0	16.0	0.0	22.0	0.0	10.0	27.0	5.0
21	0.0	12.0	0.0	23.0	0.0	0.0	0.0	14.0	0.0	0.0	6.0	0.0
22	0.0	0.0	0.0	9.0	5.0	11.0	0.0	5.0	0.0	0.0	15.0	0.0
23	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
24	0.0	43.0	0.0	3.0	0.0	27.0	9.0	0.0	0.0	0.0	14.0	9.0
25	0.0	0.0	0.0	0.0	0.0	10.0	2.0	0.0	0.0	0.0	0.0	53.0
26	11.0	0.0	5.0	5.0	0.0	0.0	0.0	57.0	0.0	10.0	0.0	0.0
27	0.0	4.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	4.0	5.0	0.0	0.0	0.0	0.0	0.0	4.0
29	4.0	13.0	0.0	7.0	0.0	0.0	5.0	3.0	5.0	49.0	0.0	0.0
30	0.0	0.0	0.0	0.0	50.0	0.0	6.0	7.0	0.0	29.0	22.0	0.0
31	0.0	0.0	0.0	0.0	7.0	0.0	5.0	4.0	0.0	33.0	0.0	16.0
Total	104.0	94.0	65.0	280.0	145.0	116.0	107.0	168.0	131.0	240.0	207.0	346.0
D. Ll.	9	7	7	18	9	11	14	12	11	12	13	14

TOTALES ANUALES 2003.0 mm. 137 Dias lluvia

ESTACION: LA MESETA MUNICIPIO: SAN ANTONIO AÑO: 1.988

ALTITUD: 1.600 LATITUD: 3-55 N. LONGITUD: 75-29 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	20.0	4.0	10.0	4.0	0.0	4.0		6.0
2	0.0	0.0	0.0	0.0	2.0	2.0	54.0	0.0	0.0	6.0		4.0
3	0.0	2.0	0.0	10.0	4.0	0.0	10.0	0.0	0.0	0.0		8.0
4	10.0	0.0	0.0	4.0	0.0	0.0	10.0	0.0	0.0	0.0		0.0
5	2.0	10.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	4.0		4.0
6	0.0	6.0	0.0	6.0	6.0	0.0	4.0	0.0	20.0	8.0		2.0
7	0.0	0.0	50.0	0.0	0.0	4.0	0.0	6.0	0.0	0.0		2.0
8	0.0	46.0	4.0	20.0	0.0	6.0	0.0	0.0	0.0	0.0		0.0
9	0.0	0.0	0.0	40.0	0.0	4.0	0.0	0.0	30.0	0.0		20.0
10	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0		2.0
11	0.0	0.0	0.0	40.0	0.0	2.0	2.0	0.0	16.0	0.0		0.0
12	0.0	0.0	2.0	10.0	0.0	4.0	0.0	0.0	6.0	10.0		0.0
13	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	6.0		0.0
14	0.0	0.0	0.0	4.0	4.0	0.0	0.0	4.0	4.0	2.0		0.0
15	10.0	0.0	6.0	2.0	8.0	10.0	0.0	20.0	0.0	0.0		0.0
16	0.0	0.0	0.0	0.0	4.0	4.0	0.0	4.0	8.0	2.0		10.0
17	0.0	0.0	0.0	20.0	0.0	50.0	0.0	0.0	6.0	4.0		0.0
18	6.0	0.0	0.0	0.0	6.0	4.0	0.0	40.0	0.0	0.0		0.0
19	4.0	0.0	0.0	2.0	8.0	0.0	0.0	20.0	4.0	2.0		0.0
20	2.0	0.0	0.0	4.0	12.0	0.0	0.0	30.0	0.0	4.0		0.0
21	20.0	10.0	0.0	50.0	2.0	10.0	2.0	2.0	0.0	0.0		0.0
22	0.0	0.0	0.0	4.0	0.0	20.0	0.0	0.0	4.0	0.0		0.0
23	0.0	0.0	0.0	10.0	0.0	40.0	6.0	0.0	6.0	4.0		0.0
24	10.0	10.0	0.0	20.0	2.0	0.0	8.0	0.0	0.0	0.0		2.0
25	0.0	4.0	0.0	0.0	0.0	4.0	0.0	30.0	0.0	0.0		6.0
26	6.0	0.0	0.0	6.0	10.0	6.0	0.0	10.0	0.0	6.0		2.0
27	4.0	0.0	0.0	0.0	16.0	40.0	0.0	0.0	0.0	10.0		4.0
28	10.0	0.0	10.0	0.0	4.0	6.0	0.0	30.0	0.0	0.0		6.0
29	0.0	4.0	0.0	20.0	0.0	2.0	0.0	0.0	0.0	0.0		2.0
30	0.0	0.0	0.0	50.0	20.0	2.0	6.0	20.0	16.0	8.0		4.0
31	0.0	0.0	0.0	0.0	0.0	0.0	16.0	50.0	0.0	0.0		10.0
Total	84.0	94.0	72.0	322.0	128.0	230.0	144.0	270.0	126.0	80.0		94.0
D. Ll.	11	9	5	19	16	21	12	14	12	15		17

TOTALES ANUALES mm. Dias lluvia

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

ESTACION: SAN ALFONSO **MUNICIPIO:** ORTEGA **AÑO:** 1.988

ALTITUD: 1.680 **LATITUD:** 4-80 N. **LONGITUD:** 75-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	3.0	4.0	3.0	8.0	8.0	1.0	8.0	4.0	3.0	5.0	3.0	10.0
2	0.0	1.0	0.0	3.0	1.0	0.0	1.0	8.0	10.0	10.0	3.0	8.0
3	0.0	0.0	0.0	2.0	0.0	0.0	1.0	6.0	9.0	11.0	6.0	0.0
4	8.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	3.0	1.0	0.0
5	4.0	8.0	0.0	0.0	9.0	0.0	6.0	0.0	1.0	1.0	1.0	6.0
6	0.0	7.0	0.0	6.0	7.0	7.0	2.0	0.0	0.0	0.0	0.0	10.0
7	0.0	9.0	0.0	0.0	1.0	2.0	11.0	6.0	2.0	7.0	0.0	5.0
8	0.0	0.0	0.0	8.0	11.0	0.0	7.0	2.0	3.0	10.0	6.0	5.0
9	7.0	0.0	0.0	10.0	7.0	0.0	0.0	2.0	3.0	1.0	8.0	1.0
10	8.0	5.0	5.0	1.0	1.0	3.0	0.0	4.0	5.0	0.0	1.0	1.0
11	4.0	9.0	2.0	9.0	0.0	9.0	8.0	10.0	0.0	0.0	1.0	2.0
12	1.0	2.0	0.0	7.0	0.0	3.0	7.0	0.0	0.0	0.0	0.0	2.0
13	0.0	9.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	6.0	5.0	5.0
14	0.0	9.0	0.0	3.0	3.0	0.0	0.0	0.0	0.0	1.0	3.0	2.0
15	0.0	0.0	0.0	1.0	7.0	5.0	0.0	0.0	6.0	0.0	1.0	10.0
16	2.0	0.0	0.0	0.0	9.0	8.0	2.0	7.0	9.0	0.0	8.0	1.0
17	0.0	0.0	0.0	0.0	12.0	7.0	9.0	3.0	8.0	0.0	9.0	0.0
18	0.0	0.0	0.0	0.0	7.0	0.0	5.0	9.0	9.0	0.0	3.0	0.0
19	1.0	0.0	4.0	0.0	0.0	0.0	2.0	7.0	1.0	6.0	4.0	6.0
20	0.0	2.0	3.0	0.0	0.0	8.0	0.0	1.0	0.0	3.0	0.0	10.0
21	0.0	1.0	3.0	3.0	0.0	0.0	7.0	0.0	6.0	10.0	2.0	5.0
22	8.0	6.0	0.0	2.0	0.0	8.0	1.0	9.0	8.0	11.0	3.0	2.0
23	6.0	5.0	0.0	0.0	2.0	9.0	0.0	9.0	6.0	8.0	4.0	0.0
24	0.0	1.0	0.0	0.0	7.0	0.0	6.0	1.0	10.0	1.0	2.0	3.0
25	0.0	0.0	0.0	7.0	1.0	0.0	11.0	0.0	1.0	0.0	8.0	10.0
26	0.0	0.0	0.0	8.0	0.0	0.0	6.0	3.0	0.0	6.0	0.0	8.0
27	2.0	0.0	0.0	5.0	0.0	6.0	6.0	6.0	7.0	9.0	0.0	1.0
28	4.0	0.0	0.0	0.0	9.0	1.0	1.0	1.0	6.0	8.0	3.0	0.0
29	1.0	4.0	0.0	0.0	4.0	0.0	0.0	0.0	1.0	2.0	7.0	1.0
30	7.0	0.0	0.0	0.0	4.0	5.0	0.0	8.0	6.0	11.0	7.0	5.0
31	0.0	0.0	4.0	0.0	1.0	0.0	0.0	7.0	0.0	9.0	0.0	2.0
Total	66.0	82.0	24.0	90.0	111.0	82.0	107.0	114.0	120.0	139.0	99.0	121.0
D. LI.	15	16	7	18	20	15	20	22	22	22	24	25

TOTALES ANUALES 1155.0 mm. 226 Días lluvia

ESTACION: POCO A POCO **MUNICIPIO:** CHAPARRAL **AÑO:** 1.988

ALTITUD: 1.340 **LATITUD:** 3-44 N. **LONGITUD:** 75-12 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	20.0	0.0	25.0	0.0
2	0.0	0.0	0.0	10.0	13.0	0.0	0.0	18.0	18.0	0.0	35.0	0.0
3	0.0	18.0	0.0	18.0	8.0	0.0	20.0	15.0	45.0	0.0	0.0	5.0
4	0.0	0.0	10.0	25.0	5.0	10.0	18.0	0.0	13.0	0.0	0.0	45.0
5	0.0	20.0	0.0	3.0	0.0	18.0	0.0	3.0	0.0	0.0	9.0	5.0
6	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	28.0
7	0.0	10.0	0.0	2.0	0.0	0.0	4.0	0.0	18.0	0.0	23.0	18.0
8	0.0	0.0	0.0	10.0	11.0	0.0	0.0	8.0	0.0	0.0	11.0	20.0
9	17.0	0.0	0.0	13.0	12.0	0.0	10.0	0.0	13.0	0.0	27.0	2.0
10	3.0	0.0	0.0	25.0	3.0	0.0	0.0	0.0	0.0	0.0	10.0	8.0
11	0.0	13.0	0.0	0.0	1.0	0.0	0.0	20.0	25.0	0.0	18.0	0.0
12	0.0	3.0	15.0	0.0	0.0	0.0	13.0	15.0	10.0	0.0	13.0	1.0
13	0.0	0.0	17.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0	11.0	1.0
14	0.0	19.0	0.0	1.0	0.0	20.0	0.0	3.0	0.0	0.0	4.0	0.0
15	0.0	0.0	0.0	0.0	20.0	15.0	0.0	0.0	0.0	0.0	8.0	3.0
16	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	18.0	0.0	0.0	2.0
17	0.0	0.0	19.0	0.0	0.0	0.0	0.0	26.0	15.0	0.0	10.0	13.0
18	0.0	11.0	10.0	14.0	0.0	0.0	20.0	38.0	0.0	0.0	1.0	25.0
19	0.0	25.0	20.0	25.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	31.0
20	0.0	30.0	12.0	38.0	0.0	0.0	0.0	0.0	3.0	5.0	5.0	0.0
21	0.0	11.0	0.0	0.0	18.0	0.0	0.0	6.0	0.0	0.0	52.0	0.0
22	18.0	42.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	16.0
23	0.0	12.0	0.0	14.0	4.0	0.0	0.0	18.0	10.0	2.0	11.0	0.0
24	10.0	16.0	0.0	8.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	15.0
25	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0	22.0
26	0.0	9.0	3.0	0.0	0.0	0.0	0.0	4.0	4.0	3.0	25.0	0.0
27	0.0	20.0	2.0	32.0	12.0	0.0	0.0	8.0	0.0	7.0	28.0	1.0
28	0.0	28.0	0.0	18.0	0.0	0.0	0.0	10.0	19.0	1.0	21.0	2.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	40.0	0.0
31	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	15.0
Total	66.0	329.0	108.0	270.0	141.0	63.0	85.0	216.0	241.0	73.0	422.0	283.0
D. LI.	5	18	9	18	13	4	6	16	15	10	23	22

TOTALES ANUALES 2297.0 mm. 159 Días lluvia

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

ESTACION: MONTEFRIO — MUNICIPIO: NATAGAIMA — AÑO: 1.988

ALTITUD: 1.500 — LATITUD: 3-32 N. — LONGITUD: 75-20 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	20.0
2	25.0	0.0	0.0	0.0	10.0	0.0	65.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	0.0	20.0	10.0	40.0
4	35.0	10.0	0.0	0.0	30.0	0.0	10.0	0.0	0.0	0.0	30.0	0.0
5	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
6	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0
7	40.0	30.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	40.0	30.0
8	20.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0
9	45.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	20.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	30.0	0.0
11	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	10.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	40.0	20.0
13	20.0	0.0	30.0	0.0	5.0	0.0	0.0	0.0	30.0	20.0	10.0	10.0
14	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	20.0	30.0	0.0
15	40.0	0.0	0.0	20.0	135.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0
16	10.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	30.0	20.0	20.0
17	0.0	20.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	10.0
18	30.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	10.0	30.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	10.0	20.0
20	0.0	0.0	0.0	30.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0	10.0
21	10.0	30.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	30.0	10.0
23	0.0	10.0	0.0	80.0	0.0	0.0	0.0	0.0	20.0	10.0	0.0	10.0
24	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	10.0	50.0
25	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	10.0
26	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	50.0	0.0	10.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0
28	0.0	0.0	0.0	0.0	0.0	20.0	0.0	30.0	0.0	10.0	10.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0	60.0	50.0	30.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
Total	275.0	160.0	50.0	270.0	201.0	60.0	135.0	60.0	135.0	430.0	445.0	330.0
D. Ll.	10	10	3	9	6	4	7	4	8	16	19	18

TOTALES ANUALES 2551.0 mm. — 114 Dias lluvia

ESTACION: EL OCASO — MUNICIPIO: COLORES — AÑO: 1.988

ALTITUD: 1.600 — LATITUD: 3-32 N. — LONGITUD: 74-53 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	43.0	5.0	32.0
2	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	0.0	67.0	0.0	45.0
3	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	9.0
4	0.0	0.0	0.0	0.0	18.0	6.0	0.0	0.0	0.0	3.0	0.0	22.0
5	0.0	6.0	3.0	12.0	0.0	0.0	31.0	0.0	0.0	7.0	0.0	9.0
6	0.0	0.0	0.0	3.0	4.0	0.0	18.0	0.0	0.0	0.0	15.0	12.0
7	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	18.0	0.0	4.0	14.0
8	0.0	0.0	20.0	0.0	3.0	8.0	34.0	0.0	0.0	0.0	20.0	4.0
9	0.0	0.0	0.0	6.0	5.0	0.0	0.0	0.0	85.0	0.0	4.0	4.0
10	7.0	7.0	0.0	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
11	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	10.0	2.0
12	0.0	23.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	15.0	14.0	55.0
13	0.0	0.0	0.0	12.0	3.0	0.0	0.0	0.0	0.0	54.0	21.0	2.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	25.0	0.0
15	0.0	0.0	10.0	4.0	0.0	0.0	0.0	0.0	0.0	40.5	0.0	0.0
16	55.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	14.0	7.0
17	20.0	0.0	0.0	0.0	0.0	44.0	0.0	0.0	0.0	8.0	25.0	0.0
18	0.0	0.0	0.0	0.0	40.0	12.0	0.0	0.0	0.0	5.0	17.0	0.0
19	0.0	0.0	0.0	0.0	3.0	0.0	0.0	18.0	6.0	0.0	0.0	0.0
20	16.0	0.0	0.0	48.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	6.0	0.0	0.0	6.0	8.0	0.0	0.0	0.0
22	0.0	3.0	0.0	7.0	2.0	16.0	0.0	0.0	8.0	0.0	21.0	0.0
23	0.0	0.0	0.0	8.0	12.0	6.0	0.0	0.0	0.0	0.0	5.0	32.0
24	0.0	5.0	0.0	5.0	0.0	0.0	8.0	0.0	14.0	41.0	2.0	3.0
25	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0
26	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	15.0	5.0	0.0
27	0.0	0.0	0.0	12.0	9.0	6.0	0.0	0.0	0.0	45.0	0.0	0.0
28	0.0	0.0	0.0	0.0	16.0	16.0	0.0	0.0	5.0	0.0	0.0	26.0
29	0.0	0.0	14.0	0.0	0.0	0.0	0.0	6.0	0.0	3.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	1.0	5.0	55.0	5.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	5.0
Total	108.0	61.0	47.0	195.0	151.0	114.0	169.0	50.0	170.0	428.5	315.0	292.0
D. Ll.	5	7	4	13	14	8	7	4	10	16	18	19

TOTALES ANUALES 2190.5 mm. — 125 Dias lluvia

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

ESTACION: SANTA MARTA **MUNICIPIO:** EL AGUILA **AÑO:** 1.988

ALTITUD: 1.760 **LATITUD:** 4-54 N. **LONGITUD:** 76-03 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	30.0	10.0	20.0	25.0	0.0	0.0	30.0	20.0	20.0
2	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	16.0	45.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	20.0	0.0	0.0	10.0
4	5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	6.0
5	8.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	15.0	9.0	20.0	6.0	8.0	28.0	7.0
7	0.0	0.0	0.0	0.0	10.0	0.0	11.0	0.0	0.0	0.0	15.0	0.0
8	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	29.0	0.0
9	0.0	0.0	10.0	20.0	0.0	0.0	0.0	26.0	9.0	0.0	6.0	0.0
10	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0
11	9.0	0.0	0.0	0.0	54.0	0.0	0.0	0.0	0.0	20.0	22.0	0.0
12	11.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	8.0	9.0	20.0	40.0
13	0.0	14.0	0.0	0.0	0.0	0.0	7.0	0.0	16.0	8.0	25.0	0.0
14	0.0	36.0	0.0	10.0	0.0	0.0	6.0	0.0	0.0	14.0	0.0	0.0
15	0.0	24.0	27.0	0.0	0.0	0.0	0.0	11.0	0.0	17.0	31.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	4.0	16.0	0.0	0.0	0.0	30.0
17	0.0	0.0	0.0	15.0	25.0	15.0	0.0	0.0	45.0	95.0	7.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	15.0	0.0	4.0	4.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	6.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	8.0	0.0	8.0	0.0	0.0	9.0	0.0
21	0.0	0.0	0.0	10.0	0.0	0.0	0.0	12.0	0.0	0.0	6.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	10.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	19.0	0.0
24	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	7.0	12.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	19.0	29.0	20.0
26	0.0	0.0	0.0	4.0	20.0	0.0	0.0	39.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	24.0	0.0	0.0	30.0	0.0	28.0	0.0	5.0	30.0
28	0.0	0.0	0.0	11.0	0.0	15.0	0.0	0.0	0.0	17.0	0.0	12.0
29	0.0	0.0	0.0	9.0	0.0	18.0	15.0	15.0	13.0	0.0	15.0	10.0
30	0.0	0.0	0.0	0.0	0.0	12.0	0.0	5.0	15.0	16.0	15.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	20.0	24.0	0.0	0.0	0.0	14.0
Total	33.0	94.0	37.0	180.0	119.0	113.0	238.0	200.0	210.0	292.0	360.0	216.0
D. Ll.	4	4	2	11	5	8	14	12	14	14	20	13

TOTALES ANUALES 2092.0 mm. 121 Días lluvia

ESTACION: BELLAVISTA **MUNICIPIO:** ANSERMANUEVO **AÑO:** 1.988

ALTITUD: 1.550 **LATITUD:** 4-48 N. **LONGITUD:** 76-04 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	0.0	5.0	25.0	5.0	2.0	2.0	5.0	5.0	
2	0.0	3.5	0.0	16.0	1.0	60.0	17.0	13.0	1.0	4.0	25.0	
3	0.0	0.0	0.0	13.0	9.0	15.0	15.0	35.0	0.0	0.0	0.0	
4	0.0	10.5	0.0	0.0	18.0	0.0	8.0	1.0	0.0	3.0	0.0	
5	0.0	0.0	0.0	22.0	0.0	0.0	20.0	0.0	3.0	0.0	7.0	
6	0.0	0.0	0.0	3.0	0.0	0.0	3.0	3.0	2.0	28.0	9.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	4.0	8.0	
8	0.0	14.0	0.0	8.0	7.0	0.0	0.0	2.0	3.0	22.0	12.0	
9	0.0	1.5	19.5	2.0	2.0	0.0	0.0	0.0	7.0	0.0	0.0	
10	0.0	0.5	0.0	16.0	1.0	0.0	4.0	6.0	9.0	4.0	40.0	
11	0.0	2.5	0.0	5.0	0.0	0.0	0.0	0.0	11.0	2.0	6.0	
12	0.0	0.0	0.0	24.0	5.0	27.0	0.0	0.0	6.0	5.0	4.0	
13	0.0	0.0	0.0	4.0	10.0	7.0	0.0	0.0	8.0	7.0	11.0	
14	0.0	0.0	0.0	5.0	0.0	4.0	0.0	3.0	0.0	6.0	9.0	
15	24.0	3.5	0.0	0.0	16.0	5.0	0.0	0.0	0.0	0.0	35.0	
16	0.0	0.0	0.0	0.0	0.0	7.0	0.0	2.0	15.0	10.0	30.0	
17	2.0	0.0	0.0	0.0	3.0	5.0	0.0	10.0	5.0	60.0	0.0	
18	1.0	0.0	0.0	0.0	0.0	15.0	0.0	1.0	12.0	0.0	3.0	
19	0.0	0.0	0.0	5.0	0.0	20.0	0.0	20.0	12.0	0.0	8.0	
20	5.0	0.0	0.0	3.0	0.0	0.0	0.0	4.0	0.0	0.0	10.0	
21	0.0	0.0	0.0	17.0	1.0	7.0	0.0	1.0	2.0	0.0	11.0	
22	0.0	0.0	0.0	17.0	3.0	6.0	0.0	0.0	0.0	0.0	5.0	
23	0.0	0.0	0.0	15.0	0.0	4.0	2.0	0.0	0.0	0.0	3.0	
24	0.0	5.5	0.0	14.0	0.0	0.0	1.0	1.0	0.0	0.0	6.0	
25	0.0	25.0	0.0	5.0	5.0	0.0	0.0	2.0	0.0	0.0	2.0	
26	0.0	10.0	0.0	4.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0	
27	0.0	0.0	0.0	3.0	0.0	0.0	0.0	1.0	0.0	1.0	1.0	
28	0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	0.0	7.0	
29	0.0	0.0	0.0	5.0	12.0	0.0	0.0	10.0	13.0	8.0	10.0	
30	0.0	0.0	14.0	20.0	15.0	2.0	0.0	6.0	3.0	0.0	0.0	
31	0.0	0.0	22.0	0.0	10.0	0.0	16.0	12.0	0.0	0.0	0.0	
Total	32.0	76.5	55.5	228.0	123.0	209.0	91.0	146.0	117.0	169.0	267.0	
D. Ll.	4	10	3	23	17	15	10	23	18	15	24	

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 PLACER **MUNICIPIO:** ANSERMANUEVO **AÑO:** 1.988

ALTITUD: 1.730 **LATITUD:** 4-49 N. **LONGITUD:** 76-01 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	15.0	0.0	11.0	4.0	0.0	0.0	0.0	0.0	3.0
2	10.0	0.0	0.0	10.0	0.0	7.0	20.0	11.0	0.0	0.0	0.0	45.0
3	0.0	0.0	0.0	20.0	0.0	0.0	15.0	5.0	0.0	2.0	3.0	14.0
4	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	4.0	15.0
5	10.0	0.0	0.0	21.0	0.0	0.0	31.0	0.0	0.0	0.0	8.0	7.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	7.0	2.0	3.0
7	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	5.0	0.0	3.0	0.0
8	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
9	0.0	10.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	16.0	7.0	8.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	40.0	17.0	35.0	4.0
11	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	10.0	0.0
12	0.0	0.0	0.0	24.0	0.0	19.0	0.0	0.0	2.0	12.0	15.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	17.0	20.0	22.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	30.0	0.0
15	0.0	20.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	7.0	25.0	10.0
16	35.0	0.0	0.0	0.0	0.0	11.0	0.0	8.0	15.0	0.0	10.0	0.0
17	0.0	0.0	0.0	0.0	49.0	0.0	0.0	0.0	30.0	49.0	0.0	3.0
18	0.0	0.0	0.0	0.0	3.5	30.0	0.0	0.0	0.0	0.0	0.0	10.0
19	0.0	0.0	0.0	20.0	0.0	0.0	0.0	20.0	3.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	11.0	7.5	0.0	0.0	25.0	3.0	0.0	7.0	0.0
22	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	10.0	0.0	3.0	14.0
23	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	4.0
24	0.0	7.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	14.0	12.0	0.0
25	0.0	8.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0
26	0.0	5.0	0.0	0.0	3.0	30.0	0.0	0.0	15.0	0.0	3.0	0.0
27	0.0	0.0	0.0	3.0	19.0	0.0	0.0	21.0	0.0	7.0	0.0	12.0
28	0.0	0.0	10.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	20.0	8.0
29	0.0	0.0	11.0	0.0	12.0	0.0	0.0	19.0	13.0	12.0	22.0	0.0
30	0.0	0.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	7.0	0.0
31	0.0	0.0	11.0	0.0	9.0	0.0	0.0	30.0	0.0	0.0	0.0	10.0
Total	55.0	62.0	32.0	189.0	118.0	124.0	88.0	226.0	155.0	175.0	254.0	202.0
D. Ll.	3	6	3	12	8	7	7	14	12	12	22	18

TOTALES ANUALES 1680.0 mm. 124 Dias lluvia

ESTACION: DINAMARCA **MUNICIPIO:** ULLOA **AÑO:** 1.988

ALTITUD: **LATITUD:** 4-45 N. **LONGITUD:** 75-46 W

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	1.0	0.0	14.0	0.0	0.0	0.0			
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0			
3	0.0	4.0	0.0	68.0	0.0	14.0	10.0	10.0	0.0			
4	0.0	0.0	0.0	0.0	10.0	15.0	0.0	0.0	0.0			
5	0.0	3.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0			
6	10.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0			
7	0.0	18.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0			
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0			
9	0.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	12.0			
10	0.0	0.0	0.0	3.0	0.0	14.0	0.0	15.0	4.0			
11	0.0	3.0	0.0	0.0	10.0	10.0	0.0	3.0	31.0			
12	0.0	7.0	0.0	0.0	10.0	4.0	1.0	0.0	15.0			
13	0.0	34.0	0.0	28.0	0.0	6.0	0.0	20.0	13.0			
14	0.0	0.0	0.0	15.0	0.0	10.0	0.0	5.0	0.0			
15	23.0	0.0	0.0	1.0	0.0	0.0	0.0	25.0	0.0			
16	5.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0			
17	5.0	0.0	0.0	0.0	0.0	1.0	0.0	10.0	0.0			
18	0.0	0.0	0.0	0.0	0.0	0.0	10.0	25.0	10.0			
19	5.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	5.0			
20	0.0	0.0	0.0	0.0	6.0	0.0	0.0	10.0	15.0			
21	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
23	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	5.0			
24	0.0	15.0	0.0	1.0	0.0	10.0	0.0	0.0	0.0			
25	0.0	0.0	0.0	15.0	6.0	0.0	25.0	35.0	0.0			
26	0.0	34.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0			
27	0.0	18.0	0.0	25.0	20.0	10.0	0.0	0.0	0.0			
28	3.0	0.0	0.0	0.0	2.0	0.0	0.0	35.0	0.0			
29	0.0	0.0	0.0	0.0	15.0	0.0	23.0	18.0	10.0			
30	0.0	0.0	16.0	0.0	0.0	10.0	0.0	7.0	15.0			
31	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0			
Total	75.0	136.0	64.0	158.0	135.0	120.0	71.0	246.0	168.0			
D. Ll.	7	9	2	10	12	13	6	16	13			

TOTALES ANUALES mm. Dias lluvia

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

ESTACION: LA COMARCA **MUNICIPIO:** ALCALA **AÑO:** 1.988

ALTITUD: **LATITUD:** 4-41 N. **LONGITUD:** 75-47 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	3.0		0.0	0.0		12.0	0.0	0.0	20.0	76.0	
2	0.0	0.0		0.0	0.0		0.0	0.0	34.0	4.0	7.0	
3	0.0	12.0		53.0	13.0		15.0	12.0	0.0	10.0	0.0	
4	5.0	0.0		18.0	1.0		12.0	0.0	4.0	0.0	0.0	
5	0.0	0.0		0.0	1.0		0.0	0.0	0.0	7.0	4.0	
6	23.0	0.0		0.0	0.0		0.0	4.0	10.0	12.0	0.0	
7	0.0	0.0		0.0	0.0		2.0	12.0	0.0	0.0	14.0	
8	0.0	12.0		0.0	0.0		4.0	0.0	0.0	0.0	10.0	
9	0.0	0.0		0.0	0.0		0.0	0.0	11.0	9.0	7.0	
10	2.0	22.0		8.0	3.0		0.0	0.0	7.0	0.0	69.0	
11	0.0	0.0		0.0	10.0		0.0	0.0	33.0	4.0	9.0	
12	0.0	0.0		43.0	16.0		0.0	0.0	17.0	12.0	36.0	
13	1.0	0.0		1.0	8.0		0.0	5.0	10.0	9.0	34.0	
14	5.0	0.0		14.0	0.0		0.0	0.0	0.0	20.0	25.0	
15	5.0	2.0		4.0	0.0		0.0	7.0	4.0	0.0	32.0	
16	0.0	0.0		11.0	0.0		0.0	10.0	0.0	0.0	0.0	
17	14.0	0.0		9.0	0.0		1.0	2.0	2.0	16.0	0.0	
18	5.0	0.0		0.0	0.0		5.0	16.0	20.0	0.0	0.0	
19	0.0	0.0		16.0	8.0		8.0	31.0	2.0	0.0	0.0	
20	12.0	0.0		5.0	4.0		0.0	0.0	11.0	0.0	2.0	
21	0.0	0.0		0.0	0.0		0.0	9.0	4.0	5.0	52.0	
22	0.0	0.0		0.0	0.0		0.0	0.0	7.0	0.0	4.0	
23	0.0	8.0		0.0	11.0		4.0	0.0	0.0	0.0	0.0	
24	0.0	3.0		4.0	0.0		5.0	0.0	0.0	0.0	0.0	
25	0.0	37.0		0.0	5.0		32.0	0.0	0.0	0.0	0.0	
26	0.0	8.0		4.0	20.0		0.0	6.0	0.0	0.0	0.0	
27	0.0	0.0		8.0	49.0		0.0	7.0	0.0	4.0	0.0	
28	3.0	0.0		0.0	0.0		0.0	8.0	3.0	29.0	9.0	
29	0.0	0.0		5.0	10.0		24.0	44.0	30.0	2.0	26.0	
30	0.0	0.0		12.0	0.0		5.0	29.0	4.0	2.0	29.0	
31	0.0	0.0		0.0	19.0	0.0	0.0	11.0	0.0	8.0	0.0	
Total	75.0	167.0	0.0	215.0	178.0	0.0	129.0	213.0	213.0	173.0	445.0	
D. Ll.	10	9	0	16	15	0	13	16	18	17	18	
TOTALES ANUALES							mm.					Días lluvia

ESTACION: CIDER **MUNICIPIO:** BOLIVAR **AÑO:** 1.988

ALTITUD: 1.480 **LATITUD:** 4-20 N. **LONGITUD:** 76-11 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	0.0	5.5	0.0	20.0	10.5		0.0		20.0	25.0
2	0.0	0.0	0.0	2.5	0.0	8.3	16.2		0.0		17.5	30.0
3	0.0	0.0	0.0	35.5	15.5	0.0	42.0		3.0		0.0	32.8
4	0.0	0.0	0.0	0.0	15.5	0.0	16.0		0.0		0.0	45.0
5	0.0	0.0	0.0	45.5	8.5	0.0	16.0		8.0		8.0	8.0
6	0.0	0.0	0.0	5.5	3.5	0.0	15.5		0.0		15.5	0.0
7	0.0	0.0	3.5	3.5	0.0	0.0	17.2		5.0		25.0	0.0
8	0.0	35.5	9.5	12.5	0.0	0.0	10.0		8.0		0.0	0.0
9	0.0	3.5	0.0	30.5	0.0	2.5	0.0		5.0		45.5	10.0
10	0.0	2.4	0.0	10.5	8.8	3.5	0.0		0.0		33.3	5.0
11	0.0	0.0	0.0	5.5	13.5	7.3	5.2		6.5		8.0	2.0
12	0.0	5.5	0.0	26.5	0.0	0.0	0.0		12.0		5.5	0.0
13	0.0	0.0	0.0	0.0	8.5	23.5	0.0		8.0		12.2	0.0
14	0.0	1.5	0.0	10.0	10.5	5.5	0.0		0.0		20.5	0.0
15	1.5	0.0	0.0	10.0	0.0	8.0	0.0		0.0		20.0	3.0
16	5.5	0.0	0.0	0.0	0.0	6.5	8.5		0.0		0.0	0.0
17	8.0	0.0	0.0	10.5	0.0	15.5	0.0		6.0		5.0	10.0
18	4.5	0.0	0.0	0.0	0.0	20.5	9.5		13.0		0.0	8.0
19	0.0	0.0	0.0	10.5	8.5	10.2	0.0		7.0		8.0	0.0
20	0.0	0.0	0.0	4.8	0.0	24.0	0.0		0.0		12.0	0.0
21	0.0	0.0	0.0	6.5	0.0	25.5	0.0		0.0		10.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.5		0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	15.5	0.0		0.0		5.0	10.2
24	0.0	8.8	0.0	15.5	10.5	25.2	15.0		0.0		20.8	15.0
25	0.0	18.2	0.0	4.5	0.0	5.5	3.0		3.0		0.0	8.0
26	0.0	22.0	0.0	2.5	8.5	0.0	3.5		0.0		0.0	15.5
27	0.0	0.0	0.0	0.0	17.5	8.5	0.0		0.0		20.0	12.0
28	0.0	0.0	0.0	5.5	15.5	0.0	0.0		0.0		15.0	0.0
29	0.0	0.0	0.0	8.0	0.0	2.5	0.0		0.0		28.1	2.3
30	0.0	0.0	2.5	6.5	0.0	10.0	10.0		0.0		20.5	25.2
31	0.0	0.0	2.5	0.0	20.0	0.0	0.0		0.0		0.0	0.0
Total	19.5	97.4	18.0	278.3	164.8	248.0	158.1		86.0		375.4	267.0
D. Ll.	4	8	4	23	14	20	15		13		22	18
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 SIRENA **MUNICIPIO:** SEVILLA **AÑO:** 1.988

ALTITUD: 1.500 **LATITUD:** 4-17 N. **LONGITUD:** 75-55 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1				0.0	0.0	13.0	16.0	1.0	1.0	4.0	12.0	16.0
2				59.0	4.0	0.0	14.0	1.0	17.0	0.0	0.0	35.0
3				0.0	2.0	1.0	12.0	0.0	23.0	0.0	27.0	10.0
4				21.0	0.0	0.0	29.0	1.0	21.0	1.0	3.0	0.0
5				1.0	7.0	1.0	2.0	2.0	0.0	50.0	28.0	1.0
6				0.0	1.0	0.0	3.0	1.0	2.0	0.0	1.0	21.0
7				3.0	1.0	0.0	3.0	35.0	33.0	1.0	1.0	1.0
8				27.0	0.0	3.0	3.0	1.0	3.0	2.0	26.0	0.0
9				49.0	5.0	0.0	0.0	0.0	13.0	5.0	2.0	0.0
10				1.0	19.0	6.0	5.0	0.0	0.0	2.0	5.0	0.0
11				26.0	2.0	2.0	1.0	0.0	18.0	3.0	25.0	0.0
12				5.0	31.0	10.0	0.0	1.0	13.0	10.0	27.0	28.0
13				0.0	2.0	0.0	0.0	5.0	2.0	11.0	61.0	1.0
14				23.0	0.0	1.0	0.0	30.0	0.0	0.0	21.0	0.0
15			0.0	0.0	0.0	25.0	0.0	4.0	0.0	4.0	71.0	0.0
16			0.0	3.0	10.0	4.0	0.0	10.0	0.0	8.0	0.0	9.0
17			0.0	0.0	0.0	12.0	0.0	5.0	2.0	0.0	0.0	1.0
18			0.0	3.5	1.0	2.0	0.0	35.0	15.0	0.0	0.0	0.0
19			0.0	28.0	10.0	0.0	0.0	10.0	5.0	0.0	1.0	0.0
20			0.0	0.5	0.0	1.0	0.0	30.0	0.0	6.0	32.0	6.0
21			0.0	24.0	0.0	28.0	0.0	1.0	36.0	1.0	12.0	1.0
22			0.0	0.0	11.0	3.0	0.0	3.0	0.0	0.0	0.0	2.0
23			0.0	41.0	0.0	18.0	1.0	2.0	0.0	25.0	14.0	1.0
24			0.0	0.0	4.0	5.0	3.0	0.0	1.0	2.0	6.0	3.0
25			0.0	2.0	3.0	3.0	1.0	2.0	1.0	27.0	0.0	0.0
26			0.0	9.0	47.0	0.0	0.0	1.0	0.0	7.0	0.0	29.0
27			0.0	0.0	0.0	3.0	3.0	1.0	1.0	0.0	30.0	8.0
28			0.0	0.0	4.0	2.0	1.0	15.0	4.0	115.0	11.0	2.0
29			0.0	9.0	0.0	0.0	2.0	37.0	9.0	5.0	20.0	53.0
30			26.0	9.0	5.0	0.0	1.0	15.0	5.0	2.0	15.0	33.0
31			0.0	0.0	20.0	0.0	5.0	1.0	0.0	5.0	0.0	11.0
Total				344.0	189.0	143.0	165.0	250.0	225.0	296.0	451.0	272.0
D. LL.				20	20	20	18	26	21	22	23	21

TOTALES ANUALES mm. Días lluvia

ESTACION: CAMPANELLA **MUNICIPIO:** PALMIRA **AÑO:** 1.988

ALTITUD: 1.650 **LATITUD:** 3-33 N. **LONGITUD:** 76-18 W.

DIAS	ENERO	FEBRERO	MARZO	ABRIL	MAYO	JUNIO	JULIO	AGOSTO	SEPT.	OCTUBRE	NOV.	DIC.
1	0.0	0.0	3.0	0.0	2.0	8.0	16.0	2.0	0.0	90.0	6.0	2.0
2	0.0	0.0	0.0	5.0	1.0	0.0	0.0	0.0	0.0	16.0	0.0	20.0
3	0.0	9.0	0.0	7.0	26.0	13.0	23.0	4.0	20.0	0.0	3.0	1.0
4	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0
6	0.0	1.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	4.0	56.0	2.0	0.0	5.0	0.0	8.0	0.0	0.0	90.0	0.0
8	0.0	0.0	8.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
9	0.0	15.0	0.0	30.0	0.0	2.0	0.0	0.0	0.0	0.0	8.0	0.0
10	0.0	4.0	0.0	21.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
11	0.0	0.0	0.0	23.0	0.0	0.0	0.0	12.0	0.0	7.0	7.0	0.0
12	4.0	0.0	0.0	6.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	4.0	0.0	0.0	0.0	9.0	20.0	50.0	6.0	0.0
14	0.0	0.0	0.0	3.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0
15	26.0	0.0	0.0	0.0	0.0	46.0	0.0	0.0	0.0	40.0	33.0	20.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0
17	25.0	0.0	0.0	0.0	3.0	24.0	0.0	0.0	2.0	0.0	50.0	0.0
18	3.0	0.0	0.0	7.0	0.0	0.0	0.0	4.0	0.0	0.0	15.0	10.0
19	15.0	0.0	0.0	4.0	0.0	0.0	0.0	10.0	0.0	0.0	35.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	15.0	4.0
21	0.0	0.0	0.0	14.0	8.0	16.0	0.0	4.0	5.0	0.0	14.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0
23	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	26.0
24	0.0	6.0	0.0	2.0	20.0	0.0	4.0	0.0	0.0	50.0	38.0	2.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	18.0	5.0	6.0	0.0	0.0	0.0	8.0	0.0	0.0
27	12.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	1.0
28	0.0	0.0	0.0	4.0	4.0	2.0	0.0	0.0	2.0	6.0	115.0	0.0
29	0.0	0.0	0.0	6.0	0.0	0.0	0.0	38.0	0.0	0.0	1.0	2.0
30	0.0	0.0	0.0	10.0	3.0	8.0	0.0	4.0	38.0	2.0	25.0	0.0
31	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	9.0	0.0	26.0
Total	85.0	42.0	67.0	217.0	80.0	145.0	43.0	110.0	117.0	284.0	516.0	119.0
D. LL.	6	7	3	21	11	11	3	12	7	12	20	13

TOTALES ANUALES 1825.0 mm. 126 Días lluvia