

ANUARIO METEOROLOGICO 1971



FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA
CENTRO NACIONAL DE INVESTIGACIONES DE CAFE

Cenicafé

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

ANUARIO METEOROLOGICO 1971

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

INTRODUCCION

La presente información meteorológica corresponde a las observaciones realizadas durante el año de 1971, en la red de estaciones que posee la Federación Nacional de Cafeteros, distribuidas en toda la zona cafetera colombiana.

Dicha información se ha recopilado en un solo Tomo y comprende: a) Estaciones principales, con datos de temperatura, humedad relativa, tensión del vapor, punto de rocío, lluvia y brillo solar; b) Estaciones heliopluiográficas con datos de lluvia y brillo solar; c) Puestos pluviográficos con datos de lluvia registrada en pluviógrafos; y d) Puestos pluviométricos, con datos de lluvia en pluviómetros.

El proceso de datos se realizó totalmente por computador electrónico, ocurriendo modificaciones importantes con el fin de mejorar el suministro de la información.

Hasta el Anuario Meteorológico de 1969 la publicación se hacía en tres Tomos. En el Anuario Meteorológico de 1970 se aplicó un primer programa de proceso electrónico, se publicó en dos Tomos y se suprimieron los valores horarios obtenidos en Cenicafé, los valores de frecuencias de algunos parámetros meteorológicos, en todas las estaciones, y se modificó la forma de presentar la información sobre algunos datos.

Por otra parte, se cambiaron los nombres de algunas estaciones, lo cual se informa para que los usuarios no las consideren series diferentes, ya que se trata del mismo sitio y no se produjeron traslados. Los cambios efectuados fueron:

1969	1970	1971
Líbano	La Unión	Granja Líbano
Chapetón	Mariano Melendro	Chapetón
La Florida	Jose María Obando	La Florida
Jardín	Miguel Valencia	Miguel Valencia
Tambo	Manuel Mejía	Manuel Mejía
Cachipay	Mesitas de Santa Inés	Mesitas de Santa Inés
Gigante	Jorge Villamil	Jorge Villamil
Salazar	Pbro. Francisco Romero	Francisco Romero
Sevilla	Heraclio Uribe	Heraclio Uribe
Alcalá	Arturo Gómez	Arturo Gómez
Restrepo	Julio Fernández	Julio Fernández
Trujillo	Manuel M. Mallarino	Manuel Mallarino
Robles - Manaure	Ramón Mejía F.	
Yacopí	Montelíbano	Montelíbano

1969

Jazmín
La Unión
Dolores
Villarrica

1970

Pedro Uribe
Manuel Mejía
La Montaña
Luis Bustamante

1971

El Jazmín
La Unión
La Montaña
Luis Bustamante

Para el anuario 1971, se suprimieron con relación a 1970 los siguientes parámetros: vientos, nubosidad, presión atmosférica, evaporación, radiación y oscilación de la temperatura, algunos debido a que las 3 observaciones diarias no reflejan la situación real del clima de la región y en otros por falta de precisión en los instrumentos utilizados.

Por otra parte, en 1971 se cambió la clasificación de estaciones de I y II orden, por los términos estaciones principales y heliopluviográficas.

En el presente Anuario se corrigieron algunas coordenadas geográficas y alturas sobre el nivel del mar, que presentaban datos erróneos en Anuarios anteriores.

En el Observatorio del Centro Nacional de Investigaciones de Café se recopilan, confrontan, corrigen y calculan los datos obtenidos en toda la red meteorológica.

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

Las observaciones se realizaron tres veces diarias: a las 07:00, 13:00 y 19:00 horas, contando con las observaciones continuas de los aparatos registradores. El horario utilizado hasta 1970 fue 07:00, 14:00 y 20:00 horas, lo cual modifica un poco las series de temperatura y humedad, principalmente.

CALCULOS

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

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

e = Tensión del vapor actual, en milibares.

E = Tensión del vapor saturante, en milibares.

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

t = Temperatura del termómetro seco, en °C.

t_s = Temperatura del termómetro húmedo en °C.

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

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 diaria se obtiene, según la siguiente media aritmética:

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

Se presentan las medias mensuales y anuales de los elementos antes mencionados, incluyendo los valores de la temperatura máxima y de la temperatura mínima, calculados como medias aritméticas.

La temperatura máxima absoluta mensual corresponde al mayor valor observado durante el mes, en la misma forma la anual es el valor máximo durante el año. Las temperaturas mínimas absolutas mensuales y anuales, son los valores más bajos observados durante el mes o el año.

Los valores de lluvia corresponden a: a) Día = el total de lluvia registrada desde las 7 a. m. hasta las 7 p. m., b) Noche = total de lluvia registrado desde las 7 p. m. hasta las 7 a. m. del día siguiente c) Total = es la suma de los valores de los numerales a) y b). La lluvia mensual corresponde al total del mes, e *idem* para la anual. Se anotan los días lluviosos, o sea los que presentan una lluvia superior a 0.1 mm.

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

NUEVAS ESTACIONES

Durante el año de 1971 se realizaron las siguientes instalaciones nuevas:

Fredonia – Piamonte
Yacopí – Montelíbano (se aumentó temperatura, humedad)
Chaparral – El Limón
Supía – Rafael Escobar

ESTACIONES SUSPENDIDAS

Se suspendieron las observaciones en:

Manizales – Las Palomas
Manaure – Ramón Mejía

LOCALIZACION DE LA RED METEOROLOGICA

La mayor parte de los puestos de observación se encuentran localizados en las vertientes de la Cordillera Andina. Por sus características climáticas e influencia de la latitud, se distinguen cuatro Zonas principales: Zona Norte, Zona Central Norte, Zona Central Sur y Zona Sur.

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

REGION DE LA SIERRA NEVADA

CESAR

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

NORTE DE SANTANDER

	Lourdes		7° 58'	72° 50'	1.900	Sardinata
	Durania		7° 53'	72° 39'	1.200	Zulia
	Salazar	Francisco Romero	7° 46'	72° 48'	1.000	Zulia
	Chinácota	Blonay	7° 35'	72° 36'	1.235	Zulia
	Cucutilla	Tierra Grata	7° 32'	72° 48'	1.300	Zulia
	Toledo	San Josecito	7° 18'	72° 28'	1.900	Mangua

ZONA CENTRAL NORTE

VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL

SANTANDER

	Rionegro	Zaragoza	7° 17'	73° 09'	1.100	Lebrija
	San Vicente	La Floresta	6° 52'	73° 24'	1.370	Sogamoso
	Charalá	Villanueva	6° 16'	73° 08'	1.450	Suárez

BOYACA

	Moniquirá	Bertha	5° 52'	73° 36'	1.700	Suárez
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CUNDINAMARCA

	Yacopi	Montelíbano	5° 28'	74° 22'	1.340	Negro
	La Palma	Sec. Agricultura	5° 21'	74° 23'	1.250	Negro
	Guaduas	Sec. Agricultura	5° 04'	74° 36'	1.060	Negro
	Villeta	Sec. Agricultura	5° 01'	74° 29'	880	Negro
	San Francisco	La Carlina	4° 59'	74° 17'	1.665	Negro
	Sasaima	El Triángulo	4° 58'	74° 26'	1.500	Negro

VERTIENTE DE LOS LLANOS

CUNDINAMARCA

	Machetá	Sec. Agricultura	5° 06'	73° 36'	1.800	Guavio
	Gachetá	Sec. Agricultura	4° 50'	73° 38'	1.760	Gachetá
	Quetame	Monterredondo	4° 19'	73° 58'	1.300	Negro

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya Hidrográfica
META	Acacías	Maringá	4° 00'	73° 46'	540	Acacías
VERTIENTE ORIENTAL CORDILLERA CENTRAL						
ANTIOQUIA	Yolombó	El Delirio	6° 37'	75° 02'	1.500	Nus
CALDAS	Pensilvania	La Marina	5° 32'	75° 02'	1.570	La Miel
	Pensilvania	La Playa	5° 31'	75° 03'	1.640	La Miel
	Marquetalia	La Esperanza	5° 19'	75° 03'	1.400	Guarinó
	Manzanares	Llanadas	5° 15'	75° 08'	1.420	Guarinó
TOLIMA	Falan	Palocabildo	5° 08'	74° 57'	1.500	Gualí
	Libano	Granja	4° 56'	75° 04'	1.520	Recio
VERTIENTE OCCIDENTAL CORDILLERA CENTRAL						
ANTIOQUIA	Fredonia	Jonás	5° 59'	75° 42'	1.300	Cauca
	Fredonia	Gualanday	5° 58'	75° 40'	1.420	Cauca
	Venecia	El Rosario	5° 58'	75° 44'	1.540	Cauca
	Fredonia	Piamonte	5° 54'	75° 38'	1.330	Cauca
	Sonsón	El Carmen	5° 42'	75° 18'	2.250	Arma
CALDAS	Aguadas	Guaymaral	5° 37'	75° 27'	1.450	Cauca
	Salamina	Llanadas	5° 25'	75° 32'	1.500	Cauca
	Manizales	Bocaónoma	5° 09'	75° 27'	3.100	Chinchiná
	Manizales	Agronomía	5° 04'	75° 31'	2.150	Chinchiná
	Manizales	Gallinazo	5° 02'	75° 25'	2.320	Chinchiná
	Villamaría	La Plácida	5° 01'	75° 24'		Chinchiná
	Villamaría	La Travesía	5° 01'	75° 26'	3.100	Chinchiná
	Villamaría	La Navidad	5° 02'	75° 24'	2.600	Chinchiná
	Palestina	Santágueda - Fac.	5° 04'	75° 41'	1.010	Chinchiná
	Palestina	Santágueda - Luker	5° 41'	75° 41'	1.020	Chinchiná
	Palestina	El Recreo	5° 03'	75° 38'	1.600	Chinchiná
	Palestina	Santa Ana	5° 00'	75° 39'	1.250	Chinchiná
	Chinchiná	Cenicafé	4° 59'	75° 35'	1.310	Chinchiná
	Chinchiná	Naranjal	4° 58'	75° 36'	1.370	Campoalegre
RISARALDA	Santa Rosa de C.	El Jazmín	4° 53'	75° 36'	1.600	Campoalegre
	Pereira	Los Cábulos	4° 51'	75° 52'	1.240	Cauca
	Pereira	Planta de tratamiento	4° 50'	75° 42'	1.450	Otún
	Pereira	El Cedral	4° 47'	75° 37'	2.120	Otún
VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL						
ANTIOQUIA	Támesis	La Nacional	5° 40'	75° 44'	1.190	Cauca
	Jardín	Miguel Valencia	5° 32'	75° 51'	1.570	Cauca
CALDAS	Supía	Rafael Escobar	5° 28'	75° 38'	1.330	Cauca

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya Hidrográfica
	Riosucio	La Candelaria	5° 24'	75° 42'		Cauca
	Riosucio	La Manuelita	5° 23'	75° 40'	1.350	Cauca
	Anserma	El Horro	5° 13'	75° 48'	1.450	Cauca
	Belalcazar	El Carmen	5° 00'	75° 48'	1.800	Cauca

RISARALDA

Belén de Umbria	Taparcal	5° 11'	75° 52'	1.400	Risaralda
La Virginia	La Suiza	4° 54'	75° 54'	970	Risaralda

ZONA CENTRAL SUR

VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL

CUNDINAMARCA

Cachipay	Mesitas de Sta. Inés	4° 40'	74° 28'	1.250	Apulo
La Mesa	La Palma	4° 40'	74° 27'	1.100	Bogotá
La Mesa	Sec. Agricultura	4° 38'	74° 28'	1.300	Bogotá
Quipile	La Virgen	4° 39'	74° 35'	1.070	Río Seco
San Antonio	Bello Horizonte	4° 37'	74° 21'	1.380	Bogotá
Mesitas del Colegio	Las Granjas	4° 28'	74° 28'	1.400	Bogotá
Viotá	Java	4° 24'	74° 27'	1.640	Bogotá
Viotá	Atala	4° 24'	74° 28'	1.160	Bogotá
Tibacuy	Granja	4° 21'	74° 25'	1.550	Fusagasugá
Tibacuy	La Vuelta	4° 21'	74° 27'	1.500	Fusagasugá
Fusagasugá	Bethania	4° 21'	74° 24'	1.380	Fusagasugá
Fusagasugá	Valsálice	4° 21'	74° 26'	1.450	Fusagasugá
Fusagasugá	Sec. Agricultura	4° 21'	74° 22'	1.800	Fusagasugá
Nilo	Palermo	4° 18'	74° 38'		Bogotá

TOLIMA

Villarrica	Luis Bustamante	3° 56'	74° 36'	1.610	Magdalena
Dolores	La Montaña	3° 33'	74° 54'	1.260	Magdalena

HUILA

Tello	San Juanito	3° 04'	75° 08'	1.500	Magdalena
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VERTIENTE ORIENTAL CORDILLERA CENTRAL

TOLIMA

Ibagué	Chapetón	4° 27'	75° 16'	1.300	Coello
Chaparral	El Limón	3° 43'	75° 38'	990	Río Blanco

VERTIENTE OCCIDENTAL CORDILLERA CENTRAL

QUINDIO

Circasia	Bremen	4° 39'	75° 39'	2.040	Barbas
Quimbaya	Vivero	4° 37'	75° 46'	1.400	La Vieja
Armenia	El Sena	4° 33'	75° 40'	1.550	Quindío

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya Hidrográfica
	Calarcá	La Bella	4º 30'	75º 38'	1.450	Quindío
	Pijao	Paraguaicito	4º 24'	75º 43'	1.250	Río Verde
VALLE						
	Alcalá	Arturo Gómez	4º 40'	75º 48'	1.320	La Vieja
	Sevilla	Heraclio Uribe	4º 16'	75º 55'	1.540	La Vieja
CAUCA						
	Santánder	Instituto Técnico	3º 01'	76º 29'	1.110	Cauca

VERTIENTE ORIENTAL CORDILLERA OCCIDENTAL

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya Hidrográfica
VALLE						
	Ansermanuevo	Bellavista	4º 48'	76º 04'	1.550	Cauca
	Argelia	Santiago Gutiérrez	4º 43'	76º 10'	1.550	Cauca
	Roldanillo	La Camelia	4º 24'	76º 10'	1.000	Cauca
	Trujillo	Manuel Mallarino	4º 10'	76º 21'	1.380	Cauca
	Restrepo	Julio Fernández	3º 49'	76º 31'	1.360	Calima

ZONA SUR

VERTIENTE OCCIDENTAL CORDILLERA ORIENTAL

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya Hidrográfica
HUILA						
	Gigante	Jorge Villamil	2º 22'	75º 33'	1.500	Magdalena
	Garzón	Mirador	2º 12'	75º 38'	1.000	Magdalena

VERTIENTE OCCIDENTAL CORDILLERA CENTRAL

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya Hidrográfica
CAUCA						
	Caldono	La Unión	2º 47'	76º 25'	1.500	Cauca
	Piendamó	Tunía	2º 40'	76º 32'	1.800	Cauca
	Cajibío	La Aurelia	2º 37'	76º 35'	1.840	Cauca
	Popayán	La Florida	2º 27'	76º 35'	1.850	Cauca
	Tambo	Manuel Mejía	2º 24'	76º 48'	1.700	Cauca
	Rosas		2º 15'	76º 44'	1.750	Cauca

CUENCA DEL RIO PATIA

Departamento	Municipio	Estación	Latitud Norte	Longitud Oeste	Altura s.n.m.	Hoya Hidrográfica
CAUCA						
	Bolívar	El Pelotillo	1º 51'	76º 58'	1.880	Patía
NARIÑO						
	San Pablo		1º 38'	76º 59'	1.780	Patía
	La Unión		1º 37'	77º 09'	1.800	Patía
	Los Andes	Sotomayor	1º 28'	77º 30'		Patía
	Samaniego		1º 20'	77º 35'	1.700	Patía
	Consacá	Ospina Pérez	1º 16'	77º 28'	1.700	Guaítara

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QUINDIO	Bremen - Circasia : Quimbaya - Vivero	260
RISARALDA	Belén de Umbría - Taparcal : Pereira - Los Cámbulos	261
SANTANDER	Charalá - Villanueva : Rionegro - Zaragoza	262
TOLIMA	Falan - Palocabildo	263
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Estación **EL ROSARIO**
 Altitud **1.540** metros

Municipio **VENECIA**
 Latitud **5-58 N.**

Año **1.971**
 Longitud **75-44 W.**

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.2	24.8	20.4	78.4	18.864	16.5	0.0	15.2	15.2	9.2
2	17.0	23.5	19.6	81.7	18.471	16.3	4.2	1.5	5.7	1.3
3	16.5	24.0	18.9	84.3	18.405	16.2	5.5	3.8	9.3	4.7
4	16.0	19.0	17.0	93.3	18.200	16.0	8.5	0.0	8.5	0.0
5	15.5	23.6	19.2	79.3	17.511	15.4	0.0	8.9	8.9	2.8
6	15.5	21.5	17.2	84.6	16.845	14.8	4.7	2.0	6.7	1.4
7	15.7	21.9	17.8	87.2	17.923	15.8	3.2	26.0	29.2	1.3
8	15.0	21.4	17.4	89.4	17.714	15.6	2.1	23.7	25.8	2.8
9	15.4	22.9	18.4	81.8	17.321	15.2	0.0	0.0	0.0	5.2
10	16.0	23.3	18.9	80.9	17.636	15.5	1.3	0.5	1.8	5.2
11	16.0	23.0	18.9	79.8	17.231	15.2	0.0	2.4	2.4	3.7
12	16.0	24.3	19.0	82.9	18.069	15.9	0.4	9.6	10.0	7.2
13	15.5	21.0	18.2	85.2	17.765	15.6	0.0	0.0	0.0	1.0
14	16.0	23.5	18.8	79.5	17.297	15.2	0.0	0.0	0.0	3.6
15	15.0	24.3	19.7	72.5	16.334	14.3	0.0	0.0	0.0	8.7
16	14.9	20.0	15.5	91.3	16.291	14.3	35.3	4.3	39.3	0.0
17	13.0	23.2	18.0	81.1	16.454	14.4	0.0	25.9	25.9	9.8
18	15.2	20.5	17.3	93.4	18.509	16.3	0.3	0.0	0.3	2.1
19	15.0	23.0	18.4	79.7	16.885	14.8	4.6	0.3	4.9	4.9
20	15.8	22.3	18.5	78.9	16.548	14.5	0.3	0.0	0.3	3.8
21	15.0	22.5	18.5	74.5	15.827	13.8	0.0	0.0	0.0	4.0
22	15.0	24.2	19.6	72.1	16.146	14.2	0.0	0.0	0.0	10.1
23	16.0	25.7	20.6	69.2	16.508	14.5	0.0	0.0	0.0	9.4
24	16.5	23.7	19.2	74.4	16.733	14.7	0.0	0.0	0.0	7.8
25	14.8	24.3	19.1	75.7	16.711	14.7	0.2	0.0	0.2	8.3
26	16.0	25.2	19.2	75.2	16.615	14.6	0.0	0.0	0.0	7.5
27	15.8	24.3	19.5	73.4	16.380	14.3	0.0	0.0	0.0	4.6
28	16.0	24.3	19.8	72.9	16.828	14.8	0.0	0.2	0.2	7.6
29	16.0	24.9	19.8	76.1	17.398	15.3	0.0	4.9	4.9	7.7
30	16.0	23.6	19.8	77.0	17.580	15.5	1.0	0.0	1.0	6.3
31	16.8	23.0	19.1	81.3	18.162	16.0	3.1	15.2	18.3	2.8
Prom.	15.7	23.1	18.8	80.2	17.263	15.2	74.7	144.1	218.8	154.8

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.8	22.8	19.4	77.1	17.081	15.0	0.5	0.0	0.5	3.7
2	16.5	24.7	20.0	70.3	16.324	14.3	0.0	0.0	0.0	5.9
3	16.5	23.6	19.5	73.4	16.453	14.4	0.0	18.4	18.4	5.0
4	16.0	19.3	16.7	89.5	17.144	15.1	14.8	0.0	14.8	0.1
5	15.0	20.2	17.3	85.4	16.817	14.8	0.0	0.0	0.0	0.2
6	14.8	24.5	19.7	67.6	15.136	13.2	0.0	0.0	0.0	10.8
7	16.2	24.2	18.5	76.9	16.508	14.5	4.8	0.0	4.8	7.2
8	16.0	25.5	20.2	69.5	16.095	14.1	0.0	0.0	0.0	10.9
9	16.0	25.5	20.2	69.6	16.346	14.3	0.1	0.0	0.1	9.3
10	16.0	22.5	18.8	75.2	16.355	14.3	0.0	0.0	0.0	3.8
11	14.5	25.0	19.9	65.6	14.567	12.6	0.0	0.0	0.0	11.4
12	15.5	20.0	17.2	84.4	16.634	14.6	0.8	0.2	1.0	0.4
13	15.7	21.5	18.0	76.9	15.720	13.7	1.9	2.5	4.4	1.1
14	15.7	19.5	16.8	87.0	16.707	14.7	5.9	0.6	6.5	0.3
15	15.0	23.0	19.2	72.3	16.046	14.0	3.1	0.1	3.2	6.6
16	15.5	22.3	18.7	78.5	16.657	14.6	0.0	0.0	0.0	1.4
17	15.5	23.0	19.2	72.1	15.838	13.8	0.0	8.3	8.3	6.1
18	15.0	21.3	18.0	81.3	16.787	14.7	1.1	12.2	13.3	0.8
19	14.0	21.0	16.8	85.3	16.393	14.3	4.1	16.7	20.8	1.7
20	15.0	23.5	17.9	79.0	16.198	14.2	19.4	6.6	26.0	4.0
21	14.5	20.5	17.7	85.4	17.133	15.1	0.1	10.1	10.2	0.4
22	14.5	21.5	17.5	80.7	15.947	13.9	1.2	0.0	1.2	1.5
23	16.0	23.5	19.1	76.0	16.747	14.7	2.7	0.0	2.7	8.5
24	15.0	24.5	19.7	73.4	16.730	14.7	0.0	0.0	0.0	9.3
25	16.0	25.5	21.1	68.9	16.638	14.6	1.0	0.0	1.0	8.6
26	17.0	24.3	20.0	75.8	17.918	15.8	1.6	0.0	1.6	2.8
27	16.0	25.5	20.2	71.6	16.758	14.7	0.0	0.0	0.0	9.3
28	16.0	25.9	20.2	71.8	16.815	14.8	0.0	0.0	0.0	10.7
Prom.	15.5	23.0	18.8	76.4	16.446	14.4	63.1	75.7	138.8	141.8

Estación EL ROSARIO

Municipio VENECIA

Año 1.971

Altitud 1.540 metros

Latitud 5-58 N.

Longitud 75-44 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	21.8	19.0	75.5	16.513	14.5	0.0	0.0	0.0	1.2
2	15.8	25.3	19.6	73.1	16.563	14.6	0.5	3.4	3.9	8.2
3	15.5	23.5	18.4	75.9	15.963	14.0	0.3	1.2	1.5	2.2
4	15.0	21.5	18.3	81.0	16.797	14.8	0.0	0.3	0.3	2.4
5	16.5	25.2	20.6	70.5	16.670	14.6	0.0	0.0	0.0	10.3
6	17.0	27.0	20.8	71.4	17.440	15.4	0.0	0.0	0.0	9.6
7	16.7	21.5	17.9	87.5	18.277	16.1	38.0	0.0	38.0	0.3
8	14.5	22.8	17.5	85.9	17.000	14.9	23.9	0.3	24.2	5.2
9	16.0	23.5	19.1	78.9	17.192	15.1	0.5	0.0	0.5	2.9
10	17.0	25.0	20.8	72.6	17.640	15.5	0.3	0.2	0.5	9.3
11	16.4	24.4	19.1	83.3	18.648	16.4	52.8	25.1	77.9	5.7
12	15.0	22.0	18.9	82.0	17.856	15.6	3.7	0.0	3.7	2.7
13	16.5	24.9	20.0	77.3	17.842	15.7	0.0	14.7	14.7	6.9
14	16.0	24.0	19.6	76.3	17.101	15.0	0.0	0.0	0.0	3.9
15	17.0	22.0	19.3	80.9	17.969	15.8	0.0	0.0	0.0	1.0
16	16.3	24.0	18.7	80.5	17.647	15.5	0.7	0.0	0.7	5.8
17	15.5	21.3	17.5	83.2	16.676	14.7	30.6	5.8	36.4	1.0
18	15.5	22.2	18.6	83.7	17.867	15.7	0.9	7.6	8.5	3.3
19	15.8	22.5	19.1	85.2	18.762	16.5	0.4	23.5	23.9	2.5
20	15.5	21.5	17.2	89.2	17.664	15.5	17.3	0.3	17.6	0.9
21	15.5	23.3	18.6	79.3	16.826	14.8	6.2	0.1	6.3	3.6
22	16.5	24.3	19.2	85.4	19.408	17.0	0.0	12.0	12.0	3.1
23	14.8	23.0	18.0	86.6	17.444	15.3	3.8	7.9	11.7	4.7
24	16.0	23.2	18.8	82.5	17.888	15.8	2.4	7.4	9.8	3.5
25	15.5	24.0	18.9	82.3	17.998	15.8	2.0	0.0	2.0	5.6
26	16.0	24.3	19.6	76.3	17.274	15.2	0.3	21.5	21.8	4.9
27	15.5	25.0	19.9	78.0	17.813	15.7	0.0	7.3	7.3	6.1
28	16.6	21.3	18.3	88.3	18.676	16.4	7.5	36.1	43.6	1.0
29	15.5	21.0	18.0	84.8	17.469	15.4	1.4	0.2	1.6	0.8
30	15.8	23.0	17.5	83.6	17.148	15.0	8.3	0.3	8.6	1.9
31	15.1	22.7	17.8	85.3	17.479	15.4	15.1	15.4	30.5	2.9
Prom.	15.9	23.3	18.9	80.8	17.533	15.4	216.9	190.6	407.5	123.4

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.8	21.8	17.4	84.5	16.713	14.7	3.7	0.0	3.7	0.5
2	15.3	24.0	19.5	75.4	16.659	14.6	0.0	0.0	0.0	6.4
3	15.0	19.7	16.6	87.1	16.574	14.6	7.1	3.6	10.7	0.1
4	14.0	24.0	18.4	77.3	16.248	14.3	20.4	0.0	20.4	5.4
5	16.0	25.2	19.5	68.6	15.570	13.6	0.0	0.0	0.0	8.9
6	16.0	25.5	19.5	69.4	16.167	14.0	8.0	0.3	8.3	8.3
7	16.5	22.0	18.3	83.6	17.711	15.6	5.0	0.0	5.0	2.4
8	15.3	23.8	18.9	81.9	17.604	15.5	0.1	1.2	1.3	5.1
9	15.8	25.0	20.1	71.7	16.807	14.7	0.0	0.2	0.2	8.8
10	16.4	23.3	19.8	86.2	19.784	17.3	6.7	0.0	6.7	2.2
11	17.0	25.3	21.1	71.2	17.376	15.3	0.0	0.0	0.0	8.1
12	16.3	25.5	20.2	70.8	16.268	14.3	0.0	0.0	0.0	7.9
13	17.0	24.9	20.5	72.1	17.442	15.3	0.0	0.0	0.0	7.6
14	16.5	23.8	20.5	77.2	18.330	16.1	0.3	7.6	7.9	1.9
15	16.0	25.3	20.5	70.6	16.705	14.7	0.0	0.0	0.0	7.1
16	17.5	27.5	21.9	67.9	17.682	15.6	0.0	0.0	0.0	8.3
17	17.0	25.0	20.9	76.6	18.710	16.4	0.0	12.6	12.6	6.8
18	16.5	21.7	18.9	78.6	16.876	14.8	0.0	2.0	2.0	2.4
19	16.0	19.3	17.6	90.0	18.132	16.0	0.0	0.0	0.0	0.1
20	16.5	24.5	19.1	80.5	17.787	15.6	13.0	53.9	66.9	4.8
21	15.0	23.5	19.6	82.6	18.553	16.3	0.0	0.0	0.0	5.8
22	16.7	24.5	21.0	82.3	20.170	17.6	0.8	30.0	30.8	6.6
23	15.8	24.6	19.8	78.4	17.762	15.6	0.4	11.2	11.6	5.6
24	15.5	23.0	19.9	80.7	18.369	16.1	0.0	0.0	0.0	6.9
25	16.3	26.7	21.5	63.0	15.953	13.8	0.0	0.0	0.0	8.4
26	17.5	26.8	20.9	69.3	17.164	15.1	2.0	0.0	2.0	8.8
27	17.0	25.5	20.2	78.2	18.458	16.2	0.0	0.0	0.0	8.9
28	17.0	24.3	20.4	73.5	17.649	15.6	0.6	1.6	2.2	8.5
29	16.5	24.0	19.8	81.5	18.643	16.4	0.1	5.2	5.3	4.2
30	17.0	24.9	20.1	82.6	19.333	16.9	2.6	0.0	2.6	5.6
Prom.	16.2	24.2	19.7	77.1	17.573	15.4	70.8	129.4	200.2	172.4

Estación **EL ROSARIO**
 Altitud **1.540** metros

Municipio **VENECIA**
 Latitud **5-58 N.**

Año **1.971**
 Longitud **75-44 W.**

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	25.0	18.6	77.2	16.911	14.9	7.9	5.9	13.8	6.0
2	15.0	24.6	19.2	75.7	16.526	14.5	0.0	0.0	0.0	5.1
3	16.5	24.0	18.4	85.2	18.447	16.2	1.7	7.4	9.1	4.5
4	15.0	23.5	17.8	87.8	18.175	16.0	4.4	0.0	4.4	2.7
5	16.0	25.2	20.3	76.4	17.965	15.8	0.0	12.7	12.7	8.7
6	15.5	22.5	19.2	81.4	17.687	15.5	0.0	0.0	0.0	3.9
7	16.5	24.6	19.5	81.2	18.388	16.1	1.2	28.3	29.5	6.1
8	15.6	22.3	19.2	81.5	17.752	15.6	0.0	11.8	11.8	4.6
9	16.6	24.9	18.4	83.2	17.781	15.7	25.5	39.7	65.2	6.5
10	16.0	24.3	19.4	83.8	18.617	16.4	0.0	0.7	0.7	6.4
11	17.0	24.4	20.3	79.0	18.894	16.6	0.0	0.0	0.0	2.3
12	17.5	23.5	19.5	80.5	18.281	16.1	0.0	29.3	29.3	2.6
13	16.0	25.6	20.0	78.8	18.340	16.1	13.9	52.5	66.4	7.9
14	16.4	19.0	16.8	95.2	18.226	16.0	8.9	0.3	9.2	0.4
15	16.0	23.9	19.1	82.9	18.212	16.0	6.1	8.7	14.8	4.7
16	15.0	23.8	19.1	79.7	17.356	15.3	0.5	0.1	0.6	0.0
17	16.0	22.0	18.7	80.2	17.136	15.0	0.0	0.4	0.4	3.3
18	16.0	25.0	19.4	78.2	17.527	15.4	14.9	0.0	14.9	4.0
19	16.0	24.2	20.1	82.1	18.986	16.7	0.0	0.0	0.0	4.9
20	17.0	24.4	19.2	72.1	16.148	14.1	6.6	7.1	13.7	6.2
21	16.0	23.9	18.9	79.1	17.315	15.2	0.3	18.9	19.2	4.8
22	15.5	24.4	19.1	75.6	17.042	15.0	20.7	2.2	22.9	3.3
23	16.0	25.6	19.4	77.5	17.485	15.3	15.6	0.0	15.6	5.0
24	16.5	24.0	19.2	78.2	17.470	15.4	0.3	8.5	8.8	4.0
25	15.5	23.0	18.1	87.1	18.221	16.0	0.3	36.8	37.1	2.9
26	15.0	24.0	19.9	79.6	17.892	15.7	0.0	0.0	0.0	8.9
27	16.5	26.2	21.5	73.4	18.566	16.3	0.0	2.0	2.0	11.5
28	16.6	23.9	19.7	76.2	17.644	15.5	7.7	0.0	7.7	1.4
29	16.5	22.0	19.2	84.8	18.782	16.5	0.1	35.1	35.2	2.6
30	16.0	21.5	18.0	86.5	17.918	15.7	9.9	15.1	25.0	0.7
31	14.5	24.8	18.5	83.6	17.698	15.6	20.4	5.4	25.8	10.5
Prom.	16.0	23.9	19.2	80.8	17.851	15.7	166.9	328.9	495.8	146.4

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	24.0	19.8	80.3	18.295	16.1	0.0	6.5	6.5	5.0
2	16.0	24.3	19.7	79.4	18.067	15.9	0.0	0.0	0.0	9.0
3	16.5	26.2	21.6	69.5	17.704	15.6	0.0	0.0	0.0	10.0
4	17.0	25.5	21.8	77.3	20.086	17.4	0.7	12.3	13.0	9.8
5	15.9	23.0	20.3	75.3	17.762	15.5	0.0	5.3	5.3	4.6
6	16.0	24.9	19.0	82.8	17.963	15.8	5.8	0.0	5.8	4.7
7	17.0	23.8	18.7	82.4	17.964	15.8	11.0	0.0	11.0	5.4
8	15.5	24.5	20.3	77.0	18.054	15.9	0.0	0.0	0.0	9.1
9	16.0	23.5	20.2	77.7	18.277	16.0	0.0	0.0	0.0	5.1
10	16.8	23.9	20.2	78.3	18.467	16.3	0.0	12.7	12.7	4.8
11	16.5	25.6	20.4	80.3	19.111	16.8	0.0	18.8	18.8	8.3
12	15.0	22.9	17.8	82.6	17.124	15.0	42.7	9.0	51.7	3.5
13	14.0	22.5	18.5	80.3	16.742	14.7	1.6	2.0	3.6	3.6
14	15.0	24.5	19.7	81.4	18.404	16.2	0.0	1.1	1.1	10.7
15	17.0	25.5	21.0	81.1	19.687	17.3	0.2	0.0	0.2	7.5
16	17.0	26.0	21.2	73.2	18.020	15.9	0.0	0.0	0.0	9.1
17	17.5	25.2	20.1	79.0	18.875	16.6	5.1	2.2	7.3	8.7
18	15.5	20.0	18.3	82.6	17.176	15.1	0.6	23.8	24.4	4.6
19	14.9	24.5	19.3	79.7	17.435	15.3	0.0	0.3	0.3	9.0
20	16.5	25.9	20.9	72.0	17.345	15.3	0.0	11.8	11.8	10.3
21	15.5	24.0	18.2	84.4	17.824	15.7	0.0	69.3	69.3	7.0
22	13.5	22.5	19.2	81.9	17.753	15.6	0.0	0.2	0.2	7.0
23	16.5	25.9	21.0	75.1	18.162	16.0	0.0	0.0	0.0	8.0
24	16.5	25.3	20.4	75.0	17.868	15.7	2.1	0.0	2.1	7.9
25	16.5	25.9	21.4	76.2	19.022	16.7	0.0	8.2	8.2	10.1
26	15.0	23.3	19.6	82.9	18.633	16.3	0.0	7.1	7.1	6.7
27	15.0	22.5	18.7	86.3	18.341	16.1	1.6	11.0	12.6	6.7
28	15.0	24.5	19.4	79.7	17.640	15.5	0.0	6.5	6.5	6.1
29	16.0	23.9	19.3	85.6	18.974	16.7	0.0	24.8	24.8	6.5
30	15.0	25.4	19.3	78.4	17.448	15.4	0.0	33.2	33.2	8.3
Prom.	15.9	24.3	19.8	79.3	18.141	15.9	71.4	266.1	337.5	217.1

Estación **EL ROSARIO**
 Altitud **1.540** metros

Municipio **VENECIA**
 Latitud **5-58 N.**

Año **1.971**
 Longitud **75-44 W.**

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	23.3	19.4	75.6	16.779	14.7	0.0	2.0	2.0	5.7
2	15.5	24.9	19.1	77.4	17.276	15.2	11.8	23.1	34.9	10.0
3	15.5	22.5	19.5	82.9	18.422	16.2	0.6	5.3	5.9	3.6
4	15.7	21.9	18.9	86.7	18.958	16.7	5.8	0.1	5.9	2.8
5	15.0	25.5	19.9	76.2	17.315	15.2	0.0	0.0	0.0	5.9
6	17.0	25.0	20.4	81.6	19.292	16.9	0.0	6.6	6.6	7.0
7	16.5	23.5	19.9	78.6	17.886	15.8	0.0	0.0	0.0	2.9
8	16.0	25.8	21.6	67.9	16.698	14.7	0.0	0.0	0.0	10.6
9	17.0	26.5	20.7	74.0	18.089	15.9	0.0	0.0	0.0	8.8
10	16.5	24.5	19.8	79.3	18.510	16.3	5.7	0.0	5.7	5.2
11	16.5	26.3	19.2	77.5	17.488	15.4	0.3	19.3	19.6	9.5
12	15.5	24.7	18.7	79.4	17.227	15.0	0.0	38.5	38.5	6.7
13	15.8	23.5	18.8	85.1	18.150	16.0	1.4	3.8	5.2	4.9
14	16.0	22.5	17.8	88.4	18.151	16.0	6.7	0.0	6.7	1.7
15	15.5	24.8	19.5	79.2	17.500	15.4	0.2	7.9	8.1	8.4
16	16.3	25.4	19.8	74.9	17.048	14.9	0.0	0.0	0.0	8.8
17	16.0	26.5	21.0	69.4	17.206	15.1	0.0	4.0	4.0	9.6
18	15.8	25.8	20.4	72.4	16.843	14.8	0.0	0.0	0.0	9.6
19	16.5	26.7	21.8	65.1	16.590	14.6	0.0	0.0	0.0	10.6
20	16.5	25.5	20.9	68.1	16.608	14.4	0.0	0.0	0.0	6.3
21	17.0	25.9	21.4	62.3	15.546	13.5	0.0	0.0	0.0	10.3
22	16.0	25.0	20.5	71.2	16.898	14.9	0.0	0.0	0.0	6.7
23	16.5	24.5	20.3	68.9	16.449	14.4	0.0	0.3	0.3	10.5
24	15.5	24.5	20.6	69.9	16.772	14.7	0.0	0.0	0.0	8.5
25	15.5	26.0	20.3	68.5	16.344	14.3	0.0	43.5	43.5	10.0
26	14.2	21.6	17.2	85.4	16.573	14.6	0.0	7.5	7.5	3.6
27	13.2	24.0	19.1	75.3	15.996	14.0	0.0	0.0	0.0	9.8
28	15.2	21.5	19.0	80.0	17.356	15.2	0.0	0.0	0.0	2.3
29	14.9	24.0	19.0	75.1	16.592	14.5	0.0	57.7	57.7	9.2
30	13.0	22.4	17.8	76.2	15.115	13.1	0.0	0.0	0.0	6.2
31	15.0	24.0	19.5	77.4	17.168	15.1	0.0	0.0	0.0	9.2
Prom.	15.7	24.5	19.7	75.8	17.189	15.1	32.5	219.6	252.1	224.9

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.7	25.0	19.4	75.9	17.139	15.0	0.0	0.0	0.0	6.9
2	16.0	24.3	20.1	73.5	16.835	14.8	0.0	0.0	0.0	8.2
3	15.0	24.0	18.9	78.0	16.917	14.9	0.0	12.5	12.5	7.7
4	15.5	22.0	17.5	85.9	17.316	15.2	12.2	32.8	45.0	5.2
5	14.0	21.5	17.7	79.5	15.863	13.9	2.1	0.2	2.3	3.8
6	15.5	22.0	17.9	90.9	18.718	16.5	0.4	1.5	1.9	2.5
7	15.2	23.0	18.6	75.8	16.261	14.2	0.0	16.6	16.6	8.5
8	14.1	21.0	17.5	82.5	16.197	14.2	0.2	0.0	0.2	2.5
9	14.4	25.0	20.2	73.3	16.836	14.8	0.0	24.5	24.5	10.1
10	14.0	24.0	17.7	79.8	16.105	14.1	6.5	26.8	33.3	10.2
11	14.5	23.5	18.5	78.4	16.198	14.2	1.8	29.6	31.4	9.3
12	14.5	21.5	17.4	82.5	16.250	14.3	2.1	0.0	2.1	2.9
13	14.6	24.3	18.7	78.3	16.640	14.6	0.0	16.5	16.5	8.1
14	15.0	22.3	17.5	85.4	17.260	15.2	0.3	0.0	0.3	3.9
15	14.6	22.3	17.3	82.7	16.548	14.5	2.8	6.2	9.0	5.7
16	14.5	23.0	18.8	77.2	16.305	14.3	0.0	8.8	8.8	6.9
17	14.6	24.0	19.0	78.1	16.903	14.9	0.0	12.1	12.1	4.7
18	15.5	23.5	18.7	83.3	17.742	15.6	1.4	12.4	13.8	7.5
19	15.0	24.5	18.4	82.9	17.404	15.3	10.0	7.7	17.7	7.4
20	15.4	24.2	17.7	88.1	18.131	16.0	16.7	23.1	39.8	6.3
21	15.0	23.3	18.8	78.3	16.788	14.8	0.0	7.4	7.4	7.4
22	15.5	21.3	18.1	81.3	16.531	14.5	5.6	0.0	5.6	2.8
23	15.9	24.5	20.0	76.6	17.645	15.7	0.0	0.0	0.0	8.2
24	16.0	24.7	19.5	80.6	18.118	16.0	0.9	1.0	1.9	5.6
25	16.0	23.0	19.0	78.4	16.884	14.8	0.0	12.7	12.7	4.2
26	15.0	23.0	19.1	80.5	17.297	15.2	1.7	33.8	35.5	6.2
27	15.5	19.5	16.7	91.1	17.239	15.1	15.9	6.1	22.0	0.2
28	14.5	24.3	19.5	73.5	16.584	14.6	0.0	0.0	0.0	8.4
29	16.3	25.5	21.0	60.8	14.261	12.2	0.0	0.0	0.0	10.2
30	16.5	25.0	20.7	74.1	17.822	15.7	0.0	1.0	1.0	8.7
31	16.0	26.3	21.0	71.6	17.228	15.1	0.0	18.2	18.2	9.0
Prom.	15.2	23.4	18.7	79.3	16.909	14.8	80.6	311.5	392.1	199.2

Estación EL ROSARIO

Municipio VENECIA

Año 1.971

Altitud 1.540 metros

Latitud 5-58 N.

Longitud 75-44 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	21.0	17.4	81.3	16.363	14.3	2.9	0.0	2.9	0.4
2	15.5	22.5	17.2	91.7	18.527	16.3	11.1	2.9	14.0	7.1
3	14.9	22.0	17.3	83.9	17.103	14.9	17.1	22.3	39.4	4.9
4	15.0	22.5	18.2	87.2	18.093	15.9	0.0	0.0	0.0	3.8
5	16.0	22.5	18.2	90.1	18.749	16.5	0.0	2.5	2.5	4.0
6	16.0	20.5	16.9	92.1	17.656	15.5	8.6	0.3	8.9	3.8
7	16.0	21.2	17.9	91.2	18.667	16.4	1.0	21.1	22.1	3.4
8	15.0	19.5	16.8	90.2	17.353	15.3	4.3	6.5	10.8	0.6
9	14.3	22.7	18.0	85.6	17.703	15.5	0.2	24.5	24.7	4.5
10	14.1	22.0	17.7	80.4	16.239	14.2	0.0	0.0	0.0	3.8
11	15.0	25.5	20.6	74.7	17.823	15.7	0.0	0.0	0.0	10.1
12	16.5	26.4	20.8	72.1	17.295	15.2	0.0	17.2	17.2	10.9
13	14.5	22.8	17.9	87.7	17.831	15.7	0.0	6.3	6.3	4.7
14	15.0	24.5	18.3	82.7	17.676	15.6	0.0	32.6	32.6	9.2
15	15.0	23.5	18.6	79.3	16.515	14.5	0.5	1.3	1.8	4.5
16	14.2	22.0	18.0	85.4	17.523	15.4	0.5	19.0	19.5	5.4
17	14.6	21.5	18.0	88.1	18.019	15.8	0.0	23.2	23.2	2.2
18	14.6	22.3	18.1	84.9	17.495	15.4	2.1	14.7	16.8	3.9
19	15.0	21.7	18.4	87.5	18.350	16.1	0.0	13.4	13.4	4.7
20	15.3	23.8	18.2	84.5	17.571	15.4	4.6	3.7	8.3	7.2
21	15.4	21.0	17.6	83.7	16.773	14.7	11.0	7.7	18.7	4.8
22	16.5	24.8	19.5	81.6	18.449	16.2	0.7	0.0	0.7	7.4
23	16.5	26.0	20.2	76.2	18.313	16.1	0.3	3.7	4.0	6.6
24	15.0	25.0	20.3	76.3	17.906	15.7	0.0	0.0	0.0	10.1
25	16.4	24.5	20.2	83.2	19.546	17.1	0.1	0.0	0.1	8.6
26	17.0	24.0	18.7	84.4	18.425	16.2	2.6	0.0	2.6	5.2
27	16.0	24.3	20.5	77.0	18.280	16.1	0.0	0.0	0.0	8.4
28	16.0	26.0	20.2	78.9	18.662	16.4	0.0	1.2	1.2	8.3
29	16.0	23.5	19.6	84.9	19.657	17.2	0.0	32.9	32.9	6.4
30	16.0	24.8	18.4	83.1	17.819	15.7	2.4	25.5	27.9	5.5
Prom.	15.4	23.1	18.6	83.7	17.879	15.7	70.0	282.5	352.5	170.4

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.5	23.6	19.1	80.1	17.546	15.4	0.0	4.5	4.5	4.8
2	16.0	20.7	18.1	89.4	18.520	16.3	0.0	0.0	0.0	0.9
3	15.5	22.5	17.3	90.2	18.113	15.9	15.1	9.0	24.1	2.9
4	15.0	22.0	17.3	81.0	16.137	14.1	16.2	10.1	26.3	1.0
5	15.0	23.5	18.8	81.1	17.385	15.3	0.2	0.2	0.4	6.0
6	16.2	23.7	19.3	75.2	17.044	14.9	6.0	9.1	15.1	5.3
7	15.0	23.0	18.2	80.7	16.740	14.7	0.5	4.8	5.3	3.8
8	16.0	24.7	20.5	74.7	17.377	15.2	0.0	0.0	0.0	8.6
9	17.5	25.0	20.6	75.8	18.338	16.1	16.0	6.5	22.5	8.2
10	15.0	21.5	18.3	86.6	18.168	16.0	1.2	0.0	1.2	4.8
11	16.5	21.5	18.3	86.5	18.363	16.1	1.5	0.0	1.5	1.4
12	16.5	24.0	18.6	80.3	17.320	15.2	3.3	2.1	5.4	6.8
13	15.5	23.5	18.7	78.1	16.746	14.7	0.0	1.5	1.5	4.3
14	16.0	21.5	17.1	84.0	16.369	14.4	42.2	0.1	42.3	2.0
15	15.5	23.5	19.1	75.7	16.559	14.5	1.0	4.2	5.2	5.8
16	16.0	21.7	17.4	80.2	16.554	14.5	18.6	2.3	20.9	2.9
17	15.5	21.0	17.4	86.4	17.212	15.2	0.5	2.4	2.9	2.1
18	15.5	22.0	17.2	84.3	16.850	14.8	6.3	2.9	9.2	4.8
19	15.0	21.5	18.2	82.9	17.424	15.3	0.0	0.0	0.0	3.9
20	16.1	24.8	19.9	74.9	17.179	15.1	0.3	4.5	4.8	7.5
21	15.0	24.5	19.2	66.1	14.158	12.1	0.0	0.0	0.0	4.1
22	16.3	20.0	17.4	85.8	16.986	14.9	5.7	0.0	5.7	2.8
23	16.0	22.3	18.2	79.7	16.655	14.6	3.3	3.7	7.0	3.0
24	15.5	24.5	18.7	73.5	15.398	13.4	0.9	0.0	0.9	7.3
25	15.5	22.5	18.6	75.6	15.963	14.0	0.0	0.6	0.6	4.7
26	14.5	22.3	18.5	75.6	15.964	13.9	0.1	0.0	0.1	7.8
27	16.0	25.0	19.4	70.0	15.745	13.8	2.5	0.0	2.5	6.3
28	16.2	23.5	19.8	74.9	17.192	15.2	1.1	33.5	34.6	7.8
29	14.5	21.0	18.0	84.5	17.306	15.1	0.0	0.0	0.0	2.0
30	16.0	21.8	19.1	79.7	17.430	15.3	0.5	17.0	17.5	1.1
31	15.5	20.5	16.9	86.5	16.986	14.9	11.9	29.8	41.7	0.1
Prom.	15.7	22.7	18.5	80.0	16.959	14.9	154.9	148.8	303.7	134.8

Estación EL ROSARIO

Municipio VENECIA

Año 1.971

Altitud 1.540 metros

Latitud 5-58 N.

Longitud 75-44 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	20.5	17.6	86.9	17.505	15.4	0.1	1.9	2.0	0.1
2	15.4	23.2	18.1	89.5	18.927	16.6	0.0	37.2	37.2	4.1
3	15.5	21.0	17.9	86.8	17.815	15.6	0.0	0.0	0.0	0.7
4	15.4	23.3	18.6	87.1	19.046	16.7	1.6	2.0	3.6	5.7
5	15.0	23.0	18.8	82.5	17.790	15.6	1.5	0.0	1.5	3.7
6	16.0	24.0	19.2	79.7	17.978	15.8	0.5	45.0	45.5	8.1
7	16.0	23.0	18.4	83.7	17.782	15.7	2.0	26.0	28.0	3.2
8	15.0	23.5	19.1	81.7	17.844	15.7	0.3	5.5	5.8	5.6
9	15.3	21.2	17.7	94.4	19.300	16.9	0.0	0.0	0.0	2.7
10	16.0	20.7	18.1	92.6	19.194	16.9	4.5	0.0	4.5	0.4
11	15.2	22.2	18.8	86.1	18.485	16.2	0.0	8.3	8.3	2.0
12	15.1	24.0	19.1	73.2	16.194	14.2	0.1	0.0	0.1	6.1
13	16.0	25.0	20.4	77.0	18.212	16.0	0.0	0.0	0.0	10.9
14	17.0	22.0	18.4	85.4	17.983	15.8	10.6	0.0	10.6	4.9
15	16.5	24.0	19.9	80.4	18.667	16.4	0.0	0.0	0.0	0.0
16	17.5	24.0	19.7	78.8	17.957	15.7	2.9	5.3	8.2	6.9
17	16.5	22.3	18.5	87.0	18.700	16.4	2.2	19.3	21.5	1.9
18	14.4	21.5	17.3	85.2	16.668	14.6	2.7	2.0	4.7	3.9
19	14.5	22.0	17.2	89.1	17.419	15.3	0.2	0.0	0.2	2.3
20	14.8	22.8	18.0	84.7	17.692	15.6	0.0	0.0	0.0	6.8
21	15.0	23.0	18.7	80.6	17.414	15.3	0.0	0.0	0.0	9.2
22	14.0	24.7	19.3	76.1	16.765	14.7	0.0	0.0	0.0	9.8
23	15.2	24.4	19.3	76.8	17.112	15.0	0.0	0.0	0.0	9.3
24	15.0	22.0	18.4	82.1	17.237	15.2	0.6	0.0	0.6	7.4
25	15.5	22.5	17.9	82.5	16.889	14.8	0.6	0.0	0.6	3.0
26	15.0	21.0	18.0	89.6	18.229	16.0	1.3	0.0	1.3	3.0
27	14.6	22.8	18.8	82.8	17.749	15.6	0.0	0.2	0.2	7.6
28	15.0	23.3	17.6	84.8	17.279	15.2	8.5	0.0	8.5	3.2
29	13.6	24.8	19.7	78.3	17.609	15.4	0.0	0.0	0.0	11.2
30	16.0	25.7	20.5	74.2	17.840	15.7	0.0	0.8	0.8	11.2
Prom.	15.4	22.9	18.6	83.3	17.843	15.7	40.2	153.5	193.7	154.9

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	24.0	19.6	79.0	18.157	16.0	0.0	0.0	0.0	7.0
2	16.0	23.5	19.4	80.1	18.219	16.0	0.0	0.0	0.0	7.0
3	15.4	25.0	18.1	71.8	15.247	13.3	8.0	0.0	8.0	8.1
4	13.3	21.8	18.4	83.7	17.685	15.6	0.4	0.0	0.4	5.2
5	15.3	24.5	18.9	76.1	16.590	14.6	26.3	0.0	26.3	8.6
6	15.4	25.3	20.3	78.4	18.329	16.1	0.0	0.0	0.0	10.8
7	16.5	24.4	20.1	77.4	18.241	16.1	0.3	0.0	0.3	7.9
8	17.0	23.5	19.9	82.1	18.882	16.6	0.0	0.0	0.0	4.6
9	16.1	24.9	20.2	81.0	18.889	16.6	0.0	0.0	0.0	7.1
10	16.5	25.0	20.2	72.5	17.224	15.1	1.0	0.0	1.0	8.6
11	16.6	24.0	20.0	79.7	18.493	16.3	0.1	0.0	0.1	4.9
12	15.6	25.5	19.5	79.2	17.975	15.8	6.8	0.0	6.8	8.5
13	16.0	26.4	19.7	79.1	18.255	16.0	4.1	0.0	4.1	8.1
14	16.0	24.5	19.5	80.0	18.391	16.1	2.3	0.0	2.3	6.9
15	16.1	24.7	20.1	83.9	19.539	17.1	0.0	0.0	0.0	3.6
16	16.6	24.0	20.3	79.0	18.217	16.0	0.0	0.0	0.0	4.5
17	13.8	21.4	18.2	86.1	17.881	15.7	5.6	4.4	10.0	3.2
18	15.5	24.0	18.5	83.3	17.688	15.6	0.0	1.1	1.1	9.5
19	15.3	25.0	19.8	75.0	17.020	15.0	0.0	0.0	0.0	9.6
20	16.0	24.9	19.4	78.3	17.507	15.4	0.0	0.0	0.0	8.2
21	16.0	21.4	18.1	82.7	17.006	14.9	0.0	12.1	12.1	1.9
22	14.6	22.9	17.5	82.9	16.759	14.7	3.9	1.9	5.8	2.5
23	14.3	18.0	15.9	90.6	16.452	14.4	9.0	0.0	9.0	0.0
24	13.5	23.0	17.7	76.7	15.196	13.2	0.0	2.7	2.7	7.1
25	14.6	22.9	18.4	77.3	16.144	14.1	0.1	0.0	0.1	5.5
26	15.8	24.0	18.5	77.0	16.424	14.4	1.6	0.0	1.6	7.5
27	15.1	22.5	18.4	74.5	15.645	13.7	0.5	1.3	1.8	7.4
28	15.0	22.5	18.1	85.1	17.678	15.6	6.6	4.3	10.9	5.2
29	15.5	24.4	18.0	82.3	17.022	15.0	0.0	1.1	1.1	4.3
30	15.5	21.0	17.9	78.7	16.126	14.1	0.0	0.0	0.0	1.3
31	15.0	24.9	19.2	78.2	17.120	15.0	4.2	0.9	5.1	10.3
Prom.	15.6	23.7	19.0	79.7	17.419	15.3	80.8	29.8	110.6	194.9

Estación EL ROSARIO

Municipio VENECIA

Año 1.971

Altitud 1.540 Metros

Latitud 5-58 N.

Longitud 75-44 W.

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	15.7	23.1	18.8	13.0	25.7	80.2	17.263	15.2	218.8	21	154.8
FEBRERO	15.5	23.0	18.8	14.0	25.9	76.4	16.446	14.4	138.8	18	141.8
MARZO	15.9	23.3	18.9	14.5	27.0	80.8	17.533	15.4	407.5	26	123.4
ABRIL	16.2	24.2	19.7	14.0	27.5	77.1	17.573	15.4	200.2	18	172.4
MAYO	16.0	23.9	19.2	14.5	26.2	80.8	17.851	15.7	495.8	26	146.4
JUNIO	15.9	24.3	19.8	13.5	26.2	79.3	18.141	15.9	337.5	24	217.1
JULIO	15.7	24.5	19.7	13.0	26.7	75.8	17.189	15.1	252.1	16	224.9
AGOSTO	15.2	23.4	18.7	14.0	26.3	79.3	16.909	14.8	392.1	26	199.2
SEPTIEMBRE	15.4	23.1	18.6	14.1	26.4	83.7	17.879	15.7	352.5	25	170.4
OCTUBRE	15.7	22.7	18.5	14.5	25.0	80.0	16.959	14.9	303.7	26	134.8
NOVIEMBRE	15.4	22.9	18.6	13.6	25.7	83.3	17.843	15.7	193.7	21	154.9
DICIEMBRE	15.6	23.7	19.0	13.5	26.4	79.7	17.419	15.3	110.6	21	194.9
PROMEDIO	15.7	23.5	19.0	13.9	26.3	79.7	17.417	15.3			
TOTAL									3403.3	268	2035.0

Estación **PIAMONTE**Municipio **FREDONIA**Año **1.971**Altitud **1.330** metrosLatitud **5-54 N.**Longitud **75-38 W.****M E S - ENERO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	27.2	21.1	75.9	19.302	16.9	0.0	0.4	0.4	7.7
2	17.2	25.3	21.1	84.6	21.551	18.7	0.0	0.6	0.6	2.3
3	17.2	27.0	21.1	85.2	21.457	18.6	1.4	16.5	17.9	4.0
4	16.9	21.2	17.8	96.1	19.914	17.4	5.8	0.0	5.8	0.0
5	15.0	26.0	19.7	88.9	20.412	17.8	5.0	33.6	38.6	4.1
6	16.0	21.6	18.4	93.4	19.836	17.4	9.8	1.5	11.3	1.1
7	16.0	23.0	18.8	89.9	19.707	17.3	29.5	25.3	54.8	0.2
8	15.8	23.7	18.3	91.3	19.452	17.1	16.1	14.2	30.3	0.6
9	16.7	24.2	18.6	92.2	20.109	17.6	0.1	0.0	0.1	3.0
10	15.0	26.0	20.2	84.0	20.193	17.7	8.9	0.3	9.2	5.2
11	16.4	26.0	19.3	83.7	18.735	16.5	0.0	32.4	32.4	3.7
12	16.0	20.2	18.4	88.7	18.726	16.5	0.0	7.6	8.5	5.7
13	16.0	24.6	18.8	87.4	19.337	16.9	0.0	0.0	0.0	1.7
14	16.1	26.1	20.6	85.6	20.974	18.3	0.0	0.0	0.0	5.0
15	14.2	25.3	20.2	83.1	19.633	17.2	0.0	17.8	17.8	7.5
16	16.3	23.0	17.9	88.3	18.421	16.2	8.9	2.2	11.1	0.2
17	14.1	25.2	18.4	80.1	16.651	14.6	0.0	4.8	4.8	5.9
18	16.1	23.0	18.6	88.7	19.141	16.8	2.7	0.0	2.7	0.1
19	16.0	25.0	19.4	89.0	20.360	17.8	7.0	0.0	7.0	3.0
20	16.0	25.0	18.5	89.2	19.566	17.1	2.7	0.0	2.7	5.5
21	15.1	25.1	19.2	83.2	18.768	16.5	0.0	0.0	0.0	2.9
22	15.0	26.2	21.4	74.0	18.742	16.4	0.0	0.0	0.0	9.6
23	16.0	26.3	21.0	76.9	19.002	16.5	0.0	0.0	0.0	8.9
24	16.0	27.3	20.4	79.3	19.054	16.6	0.4	0.0	0.4	7.5
25	15.2	26.1	20.9	84.9	20.889	18.2	0.1	0.0	0.1	7.5
26	14.5	28.0	20.4	84.9	20.505	17.9	0.8	3.2	4.0	8.2
27	15.0	26.3	20.5	84.4	20.102	17.6	0.0	0.0	0.0	6.2
28	15.2	28.0	21.0	82.0	20.433	17.8	0.0	0.2	0.2	7.2
29	16.2	26.2	20.9	83.8	20.717	18.0	0.0	0.0	0.0	5.4
30	16.0	27.0	20.2	84.9	20.494	17.8	0.0	0.0	0.0	5.4
31	16.1	27.0	19.6	85.9	19.796	17.3	1.8	2.1	3.9	7.0
Prom.	15.8	25.2	19.7	85.5	19.741	17.3	101.9	162.7	264.6	142.3

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.2	24.0	19.1	93.0	20.716	18.0	0.1	0.0	0.1	3.5
2	16.5	27.1	20.6	85.0	20.659	18.0	0.0	0.0	0.0	5.0
3	16.0	27.0	20.3	89.9	21.289	18.5	0.0	9.1	9.1	2.1
4	16.0	25.0	19.1	89.0	19.764	17.3	47.9	3.4	51.3	0.2
5	15.0	22.0	16.2	96.1	18.162	16.0	10.4	0.0	10.4	0.7
6	14.3	27.0	19.7	86.2	19.822	17.3	0.0	0.0	0.0	8.0
7	15.0	27.1	20.4	79.8	19.246	16.9	0.0	0.0	0.0	7.8
8	15.0	27.1	20.5	80.7	19.526	17.0	0.0	0.0	0.0	9.6
9	16.3	27.2	21.8	76.1	20.306	17.7	0.3	0.0	0.3	6.8
10	15.1	26.3	19.9	77.0	18.040	15.9	0.0	0.0	0.0	4.9
11	13.3	26.3	20.7	74.5	17.650	15.5	0.0	0.0	0.0	8.8
12	16.0	23.0	18.6	89.3	19.419	17.0	0.0	6.6	6.6	0.0
13	15.0	25.3	18.6	83.9	19.459	17.0	27.0	2.1	29.1	1.5
14	15.1	23.3	18.6	89.8	19.484	17.1	0.2	0.0	0.2	2.0
15	14.0	26.2	20.4	87.8	20.966	18.2	0.0	2.6	2.6	6.1
16	14.1	24.1	19.0	93.2	20.901	18.1	0.8	0.0	0.8	1.3
17	14.1	26.0	19.5	88.3	20.204	17.6	0.0	26.1	26.1	4.8
18	15.1	23.0	18.8	92.4	20.485	17.8	30.8	13.5	44.3	0.0
19	15.1	23.2	18.9	88.4	19.597	17.2	3.6	4.8	8.4	1.2
20	15.3	26.0	19.9	86.3	20.398	17.8	0.0	20.4	20.4	3.5
21	14.1	24.4	18.9	87.2	19.107	16.8	0.1	19.3	19.4	1.3
22	14.1	22.0	18.3	89.3	18.981	16.6	0.0	0.0	0.0	0.1
23	14.0	26.2	19.8	82.9	19.179	16.8	0.0	0.0	0.0	6.7
24	13.2	27.2	20.7	78.6	18.927	16.6	0.0	0.0	0.0	9.6
25	14.2	27.2	21.4	77.7	19.738	17.2	0.0	0.0	0.0	8.2
26	15.1	26.1	20.8	81.2	20.240	17.7	0.0	0.0	0.0	4.3
27	15.0	26.0	20.6	77.7	19.374	17.0	1.4	0.0	1.4	7.9
28	14.0	28.2	21.3	74.9	18.682	16.4	0.0	0.0	0.0	9.6
Prom.	14.8	25.5	19.7	85.0	19.654	17.2	123.0	107.9	230.9	125.5

Estación **PIAMONTE**Municipio **FREDONIA**Año **1.971**Altitud **1.330** metrosLatitud **5-54 N.**Longitud **75-38 W.****M E S - MARZO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	24.2	20.1	83.3	19.939	17.4	0.0	0.0	0.0	1.2
2	14.1	27.0	20.4	79.8	18.959	16.7	0.0	11.7	11.7	7.5
3	14.2	23.3	20.1	83.2	19.543	17.1	0.3	1.9	2.2	1.4
4	15.0	25.0	19.5	95.3	22.017	18.9	0.6	0.2	0.8	0.4
5	14.8	26.8	21.7	76.6	19.402	17.0	0.0	0.0	0.0	6.9
6	15.0	28.2	21.7	73.8	18.860	16.6	0.0	0.5	0.5	6.9
7	16.0	25.2	19.8	89.6	21.008	18.3	12.9	1.1	14.0	0.7
8	14.0	26.0	20.8	83.9	20.455	17.9	0.0	0.4	0.4	6.0
9	16.0	27.1	21.4	77.1	19.466	17.1	0.0	0.0	0.0	5.3
10	15.0	28.2	20.2	82.2	19.766	17.3	14.8	11.7	26.5	8.3
11	17.0	27.0	20.7	81.1	20.151	17.6	0.0	48.4	48.4	6.8
12	15.0	25.0	19.5	90.2	20.472	17.9	0.0	0.0	0.0	2.3
13	16.0	27.0	20.7	86.0	20.874	18.2	0.0	8.1	8.1	8.1
14	17.0	25.3	19.8	86.2	20.241	17.7	0.0	0.0	0.0	1.2
15	17.0	25.2	20.6	91.4	22.046	19.0	0.0	0.0	0.0	1.8
16	16.2	26.2	19.9	88.2	21.062	18.3	0.9	0.1	1.0	4.2
17	16.0	23.3	18.9	90.4	20.300	17.7	27.4	5.4	32.8	0.1
18	15.0	25.0	19.8	87.6	20.386	17.8	3.4	6.0	9.4	3.7
19	15.0	27.0	21.0	80.3	19.678	17.2	0.4	8.5	8.9	1.0
20	14.0	23.1	18.1	90.7	19.183	16.8	5.8	0.6	6.4	5.1
21	15.1	25.2	19.1	91.4	20.917	18.2	10.3	0.8	11.1	5.4
22	15.0	26.2	20.4	83.6	20.134	17.6	22.7	36.1	58.8	1.2
23	13.3	26.2	20.5	76.4	18.104	15.9	0.0	13.0	13.0	7.8
24	15.0	26.0	19.8	85.1	19.630	17.2	14.1	46.2	60.3	2.3
25	16.0	25.0	19.7	89.1	20.540	17.9	4.8	3.2	8.0	0.5
26	15.3	26.3	20.5	81.7	19.871	17.4	0.0	9.1	9.1	8.3
27	16.0	26.3	20.3	87.9	21.016	18.3	7.1	0.9	8.0	3.4
28	16.0	24.2	19.8	91.1	21.039	18.3	1.0	14.3	15.3	1.0
29	15.0	25.2	19.5	85.8	19.716	17.3	0.8	5.6	6.4	3.2
30	16.0	24.0	19.3	93.2	21.342	18.5	3.4	1.0	4.4	0.3
31	15.0	25.2	18.9	86.2	19.388	17.0	33.0	3.9	36.9	5.3
Prom.	15.4	25.6	20.1	85.4	20.178	17.6	163.7	238.7	402.4	117.6

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.2	23.2	18.5	88.5	19.003	16.7	0.8	0.4	1.2	0.8
2	14.0	25.0	19.0	86.2	19.223	16.9	1.8	17.7	19.5	2.7
3	14.0	21.3	17.6	95.3	19.430	17.0	16.6	2.7	19.3	0.0
4	12.2	25.3	19.4	85.8	19.305	16.9	0.0	0.0	0.0	3.6
5	14.0	26.3	20.2	81.0	19.441	16.9	0.1	0.0	0.1	8.5
6	17.0	27.0	20.3	83.3	20.247	17.7	0.0	0.0	0.0	8.2
7	16.0	25.2	19.1	85.7	19.399	17.0	0.0	1.2	1.2	3.6
8	15.0	24.2	19.6	86.0	19.748	17.3	0.1	0.7	0.8	3.8
9	14.0	27.0	20.3	85.7	20.447	17.8	0.0	0.0	0.0	6.6
10	17.2	27.0	21.7	81.4	21.068	18.3	0.0	3.7	3.7	4.6
11	17.3	27.0	21.7	80.6	20.741	18.1	0.0	10.8	10.8	6.6
12	14.0	27.1	21.6	77.7	19.818	17.3	0.0	0.0	0.0	6.5
13	14.2	28.0	20.6	82.4	20.210	17.6	0.0	0.0	0.0	7.8
14	14.2	28.0	20.8	85.6	21.224	18.4	0.3	6.0	6.3	1.5
15	16.0	27.0	20.8	81.5	20.182	17.6	0.0	0.0	0.0	3.5
16	17.0	27.0	21.4	84.0	21.552	18.6	0.5	0.0	0.5	7.1
17	14.2	27.0	20.7	86.5	21.183	18.4	0.8	0.9	1.7	5.3
18	16.0	24.0	19.5	81.5	18.228	16.0	0.2	0.3	0.5	2.0
19	15.2	22.2	18.3	90.5	19.270	16.9	0.0	0.0	0.0	0.0
20	15.0	25.0	19.7	91.9	21.375	18.6	4.6	32.1	36.7	2.6
21	15.0	25.0	19.7	90.7	21.131	18.4	0.0	0.0	0.0	1.6
22	15.0	27.0	19.7	87.8	21.388	18.4	0.0	36.5	36.5	3.3
23	14.2	24.3	19.4	92.5	21.059	18.3	0.5	3.7	4.2	0.0
24	14.0	26.0	20.2	89.0	21.551	18.7	0.0	0.0	0.0	3.5
25	15.0	27.0	21.1	86.0	21.805	18.8	0.0	0.0	0.0	4.8
26	14.1	28.0	21.0	79.0	19.781	17.2	0.0	0.0	0.0	2.7
27	14.0	27.2	21.2	81.3	20.633	18.0	1.6	0.0	1.6	8.6
28	14.2	26.2	20.6	84.5	20.765	18.1	1.1	4.7	5.8	6.7
29	16.0	26.1	20.5	84.9	20.602	18.0	0.0	1.8	1.8	2.6
30	15.0	27.0	20.3	84.2	20.616	18.0	36.3	0.8	37.1	3.2
Prom.	14.9	25.9	20.2	85.4	20.348	17.7	65.3	124.0	189.3	122.3

Estación **PIAMONTE**Municipio **FREDONIA**Año **1.971**Altitud **1.330** metrosLatitud **5-54 N.**Longitud **75-38 W.****M E S - MAYO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	26.3	19.8	86.4	20.924	18.1	25.9	3.6	29.5	2.6
2	14.2	27.0	19.8	88.5	20.949	18.2	0.0	15.9	15.9	1.9
3	14.2	26.1	20.9	78.8	19.290	16.9	0.0	16.5	16.5	3.1
4	15.0	25.2	19.9	87.9	20.836	18.1	0.0	0.0	0.0	2.6
5	15.0	27.0	20.5	83.3	20.329	17.7	2.1	9.4	11.5	6.0
6	15.0	24.3	19.5	86.1	19.696	17.2	0.0	0.0	0.0	4.8
7	14.0	27.2	21.2	82.2	20.495	17.9	0.0	40.3	40.3	8.7
8	15.0	26.0	20.4	84.8	20.327	17.8	0.0	12.4	12.4	4.6
9	16.0	26.2	20.1	87.4	20.801	18.1	9.2	31.3	40.5	2.8
10	15.0	26.3	20.6	90.2	21.944	18.9	0.0	0.6	0.6	3.9
11	15.2	25.2	20.4	84.7	20.376	17.8	0.0	0.0	0.0	1.8
12	16.0	26.0	21.1	88.6	22.478	19.3	0.1	10.3	10.4	2.5
13	16.0	26.1	21.4	89.4	22.810	19.5	0.0	11.6	11.6	6.0
14	16.0	21.0	18.1	92.1	19.301	16.9	7.5	0.0	7.5	0.3
15	14.1	25.0	19.5	92.0	21.247	18.3	4.6	6.3	10.9	1.3
16	14.0	24.2	19.3	89.3	20.261	17.7	0.1	0.0	0.1	1.9
17	15.7	22.4	19.2	92.2	20.814	18.1	4.8	0.5	5.3	3.4
18	15.0	26.0	20.0	87.9	21.016	18.2	2.4	0.1	2.5	3.5
19	15.0	24.3	19.9	87.5	20.596	17.9	0.3	0.0	0.3	1.4
20	15.0	26.2	20.9	83.7	21.021	18.3	0.0	10.8	10.8	5.5
21	15.7	25.1	19.7	86.8	20.356	17.7	0.4	14.5	14.9	1.4
22	13.0	25.3	19.3	87.0	19.430	17.0	0.0	8.5	8.5	2.1
23	15.0	25.1	20.2	88.2	21.089	18.3	0.2	0.0	0.2	2.2
24	14.1	25.2	20.3	84.8	20.468	17.8	0.0	10.5	10.5	2.7
25	15.0	25.2	20.5	84.7	20.264	17.7	0.0	29.0	29.0	4.9
26	15.0	26.0	20.1	85.2	20.337	17.7	0.0	0.0	0.0	4.8
27	14.1	27.0	21.2	84.2	21.220	18.4	0.0	1.1	1.1	9.4
28	15.0	25.0	20.6	87.2	21.525	18.6	0.0	0.0	0.0	0.9
29	15.0	25.2	20.2	87.5	20.855	18.2	0.0	31.1	31.1	1.5
30	15.1	23.2	19.1	96.5	21.463	18.6	3.0	19.0	22.0	0.0
31	13.0	26.1	19.4	88.8	20.406	17.7	3.7	2.5	6.2	6.0
Prom.	14.9	25.4	20.1	87.2	20.739	18.0	64.3	285.8	350.1	104.5

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	25.3	20.9	86.3	21.401	18.5	0.0	5.1	5.1	2.8
2	14.0	25.2	20.1	88.8	20.993	18.2	0.0	0.0	0.0	3.9
3	15.0	27.2	21.6	79.8	20.532	17.9	0.0	0.0	0.0	8.4
4	15.0	27.2	21.6	78.7	20.325	17.7	0.0	36.1	36.0	7.8
5	14.2	27.2	20.2	90.7	21.675	18.7	0.0	9.0	9.0	3.8
6	16.1	26.0	21.0	84.0	21.098	18.3	0.1	0.1	0.2	3.3
7	16.0	25.1	19.1	88.9	20.488	17.8	16.8	0.0	16.8	3.8
8	14.0	25.3	20.1	86.6	20.463	17.8	0.0	0.0	0.0	3.5
9	15.0	25.0	20.3	89.8	21.519	18.5	0.0	0.0	0.0	2.6
10	16.0	26.0	21.4	84.6	21.517	18.7	0.0	0.0	0.0	8.2
11	16.0	27.0	21.3	82.1	21.237	18.4	0.0	33.3	33.3	6.0
12	14.0	24.2	17.8	95.6	19.866	17.3	22.2	2.8	25.0	4.7
13	14.0	24.2	18.5	86.4	18.676	16.4	17.5	0.9	18.4	3.1
14	14.0	25.0	19.3	89.8	20.546	17.9	0.0	1.0	1.0	2.9
15	15.0	26.1	21.4	87.1	22.160	19.1	0.0	0.0	0.0	5.4
16	15.1	27.2	21.1	84.0	21.338	18.4	0.0	0.0	0.0	8.5
17	15.0	28.0	21.9	82.9	21.776	18.8	0.0	1.5	1.5	8.5
18	15.0	23.2	19.3	92.7	20.905	18.2	2.4	10.5	12.9	1.4
19	14.2	25.0	19.2	87.7	19.779	17.3	0.0	0.0	0.0	5.3
20	14.0	26.2	21.0	90.3	22.437	19.3	0.0	7.3	7.3	7.0
21	14.1	25.2	20.1	89.2	20.957	18.2	0.0	22.4	22.4	2.9
22	13.1	24.2	18.7	85.9	18.493	16.3	0.3	0.3	0.6	3.0
23	14.3	26.2	20.7	86.8	21.102	18.3	0.0	0.0	0.0	6.7
24	15.1	26.3	21.1	83.5	21.617	18.6	0.3	0.0	0.3	8.9
25	16.0	26.2	21.4	86.7	22.244	19.1	0.0	11.4	11.4	7.5
26	15.2	25.2	19.9	83.6	19.423	16.9	0.0	6.4	6.4	3.3
27	14.1	23.2	19.5	92.3	20.984	18.2	3.0	11.5	14.5	2.3
28	14.1	24.3	19.7	90.8	21.150	18.3	0.0	12.5	12.5	3.8
29	16.0	25.3	19.2	88.5	19.722	17.3	0.1	33.1	33.2	2.8
30	14.2	26.0	20.0	89.1	20.757	18.1	0.1	41.1	40.2	4.5
Prom.	14.8	25.6	20.2	87.1	20.839	18.1	62.8	245.2	308.0	146.6

Estación PIAMONTE

Municipio FREDONIA

Año 1.971

Altitud 1.330 metros

Latitud 5-54 N.

Longitud 75-38 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.2	24.3	19.7	91.8	21.052	18.3	0.0	1.4	1.4	5.0
2	14.0	23.0	19.2	91.6	20.544	17.9	22.2	41.0	63.2	8.1
3	13.1	26.0	19.5	94.7	21.480	18.6	0.1	6.7	6.8	2.4
4	15.0	24.0	18.4	93.7	20.615	17.9	1.3	0.2	1.5	1.5
5	14.1	25.3	19.4	90.7	20.812	18.1	0.0	0.0	0.0	5.2
6	14.0	26.3	20.0	91.1	21.970	18.9	0.0	6.0	6.0	6.3
7	15.1	24.1	20.6	95.7	23.109	19.8	0.0	0.0	0.0	1.0
8	14.0	27.0	20.9	87.6	21.566	18.7	0.0	0.0	0.0	8.7
9	15.0	27.1	21.3	83.6	21.579	18.6	0.0	0.0	0.0	8.3
10	15.0	26.0	20.0	91.3	22.025	19.0	2.3	0.0	2.3	6.0
11	14.1	26.2	19.1	91.1	20.963	18.2	0.2	11.1	11.3	6.2
12	14.2	26.1	20.5	89.9	21.637	18.7	0.0	4.4	4.4	7.6
13	15.2	24.1	19.1	95.4	21.118	18.3	1.4	4.5	5.9	0.7
14	15.5	22.3	18.9	95.0	20.973	18.2	1.7	0.3	2.0	1.1
15	14.2	25.3	20.2	89.1	21.224	18.4	0.0	9.8	9.8	5.6
16	15.0	26.1	19.3	83.7	19.008	16.7	0.0	1.2	1.2	8.6
17	13.3	27.0	20.9	79.7	19.563	17.1	0.0	0.0	0.0	9.4
18	15.0	27.1	20.1	86.0	20.726	18.0	0.0	0.0	0.0	6.9
19	14.2	28.0	20.6	85.3	20.705	18.0	0.0	0.0	0.0	9.8
20	15.2	26.0	20.7	82.0	20.223	17.6	0.0	0.0	0.0	7.0
21	14.1	28.0	21.1	78.0	19.592	17.1	0.0	0.0	0.0	8.6
22	15.1	27.0	20.2	91.6	22.208	19.1	0.0	0.0	0.0	7.5
23	15.1	27.0	21.0	84.0	21.018	18.3	0.0	0.4	0.4	9.4
24	14.2	24.0	19.9	87.8	20.550	17.9	0.0	0.0	0.0	6.1
25	14.0	26.0	21.3	80.9	20.335	17.7	0.0	27.3	27.3	9.1
26	14.3	23.3	18.8	93.6	20.486	17.9	0.0	7.6	7.6	4.2
27	15.0	23.3	18.9	89.7	19.595	17.2	0.0	0.0	0.0	8.3
28	15.0	23.0	19.1	92.3	20.758	18.0	0.0	0.0	0.0	0.8
29	14.0	26.2	20.1	83.2	19.598	17.2	0.0	5.9	5.9	8.6
30	14.1	25.0	19.4	91.7	21.020	18.2	0.0	0.1	0.1	4.7
31	15.0	25.0	20.1	85.8	20.626	18.0	0.0	0.0	0.0	8.0
Prom.	14.5	25.5	19.9	88.6	20.861	18.1	29.2	127.9	157.1	190.7

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.8	27.1	20.3	84.0	20.434	17.8	0.0	0.0	0.0	6.6
2	14.6	26.1	20.7	91.0	22.263	19.1	0.0	11.4	11.4	8.5
3	14.2	25.3	20.1	91.5	21.747	18.8	0.0	15.5	15.5	7.6
4	14.2	24.3	17.4	92.6	19.109	16.7	55.5	26.8	82.3	3.8
5	13.2	23.1	18.6	93.4	20.069	17.5	0.1	1.7	1.8	2.4
6	15.6	23.3	17.9	90.7	18.944	16.6	0.7	1.5	2.2	1.6
7	15.0	25.0	19.5	89.4	20.272	17.7	0.0	17.4	17.4	4.6
8	15.0	22.3	18.6	93.1	19.821	17.3	0.0	0.0	0.0	7.9
9	15.0	26.2	20.8	87.1	21.400	18.5	0.0	7.5	7.5	0.9
10	15.3	24.3	18.7	91.8	20.054	17.5	7.0	7.4	14.4	6.3
11	14.6	25.0	20.2	90.4	21.658	18.7	0.2	23.9	24.1	7.0
12	14.9	22.0	17.0	98.8	19.855	17.3	1.1	0.0	1.1	1.7
13	13.9	26.0	19.6	90.7	20.907	18.1	0.0	7.1	7.1	7.1
14	13.0	24.0	17.9	93.3	19.659	17.2	2.3	0.0	2.3	2.1
15	14.2	24.3	18.6	91.2	19.800	17.3	6.6	3.8	10.4	3.4
16	14.3	23.1	19.4	92.6	20.721	18.0	0.0	10.9	10.9	5.1
17	15.3	25.3	19.2	89.5	19.939	17.4	0.0	13.2	13.2	6.0
18	15.6	24.2	19.9	92.3	21.466	18.6	0.0	17.3	17.3	3.7
19	15.6	25.0	20.0	93.7	22.058	19.0	0.4	4.6	5.0	4.1
20	14.1	26.0	20.1	90.1	21.489	18.6	4.2	18.5	22.7	6.3
21	14.9	25.0	20.2	88.5	20.892	18.2	0.0	27.6	27.6	7.4
22	15.0	23.2	18.6	97.7	21.009	18.3	3.1	0.0	3.1	1.2
23	14.9	26.2	20.9	87.8	21.870	18.8	0.0	5.9	5.9	7.2
24	14.1	26.0	20.1	90.2	21.274	18.4	0.2	15.9	16.1	4.1
25	15.6	25.0	20.3	93.2	22.328	19.3	0.4	16.3	16.7	3.4
26	15.0	25.0	19.7	92.4	21.248	18.4	0.4	36.4	36.8	0.9
27	14.1	23.0	19.1	94.3	21.041	18.3	2.3	2.9	5.2	1.7
28	14.7	24.0	19.7	91.8	21.059	18.3	0.0	0.0	0.0	6.2
29	13.9	27.2	20.8	81.1	20.071	17.5	0.0	0.0	0.0	8.8
30	13.9	27.3	21.3	84.9	21.730	18.8	0.0	3.1	3.1	8.6
31	15.6	28.0	21.3	85.0	21.425	18.6	0.0	14.1	14.1	7.5
Prom.	14.7	25.0	19.6	90.8	20.826	18.1	84.5	310.7	396.2	153.7

Estación **PIAMONTE**
 Altitud **1.330** metros

Municipio **FREDONIA**
 Latitud **5-54 N.**

Año **1.971**
 Longitud **75-38 W.**

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.7	22.1	18.6	97.2	21.028	18.3	0.4	0.0	0.4	0.3
2	14.9	26.0	19.5	86.6	19.774	17.3	5.6	0.7	6.3	7.2
3	14.2	26.0	19.2	90.4	20.355	17.8	1.1	12.6	13.7	4.1
4	16.0	24.0	19.2	92.1	20.503	17.9	0.0	0.0	0.0	2.2
5	15.2	25.0	19.6	87.2	19.892	17.4	0.0	8.3	8.3	2.3
6	16.1	20.1	17.6	100.0	20.034	17.5	25.0	1.2	26.2	1.8
7	15.1	25.0	19.9	87.7	20.457	17.9	0.1	19.2	19.3	1.9
8	16.6	23.1	18.9	91.3	20.099	17.6	1.5	11.1	12.6	0.0
9	15.2	25.1	19.4	88.2	19.775	17.3	0.0	23.8	23.8	5.2
10	15.1	23.2	18.5	92.2	20.036	17.5	0.0	0.0	0.0	3.9
11	13.6	26.3	20.2	89.1	21.083	18.3	0.0	0.0	0.0	9.3
12	15.0	27.0	19.3	90.3	20.987	18.2	18.4	21.8	40.2	9.9
13	15.0	24.3	18.9	92.1	20.305	17.7	0.1	2.4	2.5	3.7
14	15.1	26.0	20.3	83.6	19.751	17.3	0.0	13.8	13.8	8.1
15	16.0	24.2	20.1	92.6	21.711	18.8	0.3	9.9	10.2	3.6
16	14.1	24.1	19.0	95.0	21.245	18.3	0.0	50.0	50.0	4.1
17	15.1	24.3	19.7	87.6	20.144	17.6	0.0	20.2	20.2	4.1
18	15.3	25.0	19.9	88.4	20.679	18.0	1.0	18.3	19.3	4.0
19	16.1	25.0	19.1	92.5	21.002	18.3	0.0	20.0	20.0	5.0
20	16.1	26.2	20.7	93.1	22.741	19.5	1.4	2.4	3.8	4.7
21	16.1	20.9	18.1	96.9	20.507	17.9	1.5	0.0	1.5	1.9
22	14.1	26.3	20.0	87.7	20.755	18.0	0.3	0.0	0.3	5.4
23	15.1	28.0	21.3	86.6	21.877	18.9	0.0	40.4	40.4	7.4
24	14.1	25.3	19.5	90.5	20.565	17.9	0.0	0.0	0.0	6.3
25	16.0	27.2	21.1	86.1	21.588	18.7	0.0	2.2	2.2	8.3
26	17.0	25.3	19.3	86.3	19.955	17.4	29.8	0.5	30.0	5.1
27	15.0	25.3	21.1	86.1	21.679	18.8	0.0	0.0	0.0	6.2
28	15.3	25.4	21.2	83.6	21.108	18.3	0.0	2.8	2.8	8.2
29	16.2	26.2	21.1	85.8	21.575	18.7	0.0	51.1	51.1	6.3
30	16.2	26.1	20.5	87.9	21.115	18.4	0.4	7.8	8.2	2.8
Prom.	15.3	24.9	19.7	89.8	20.744	18.1	86.6	340.6	427.1	143.3

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	24.3	19.4	93.0	20.983	18.3	0.0	13.2	13.2	3.6
2	16.2	23.3	18.8	91.4	19.965	17.5	0.3	0.0	0.3	0.6
3	16.1	25.2	19.5	88.3	20.421	17.8	9.5	12.6	22.1	3.8
4	16.0	25.0	18.9	89.0	19.731	17.3	23.8	5.3	29.1	2.2
5	16.0	25.3	20.8	88.3	21.747	18.8	0.0	2.9	2.9	3.8
6	16.5	26.0	20.2	85.6	20.525	17.9	0.0	20.8	20.8	2.9
7	15.3	25.0	20.6	87.9	21.151	18.4	0.0	1.1	1.1	1.3
8	15.0	25.6	20.5	86.4	20.637	18.0	0.0	0.2	0.2	6.8
9	15.1	24.0	20.1	89.4	21.308	18.5	0.0	2.9	2.9	8.4
10	15.1	24.0	20.4	89.3	21.453	18.6	0.2	0.0	0.2	2.3
11	17.2	25.0	20.8	86.4	21.384	18.6	0.0	0.2	0.2	2.9
12	16.0	27.0	21.2	88.2	22.437	19.3	1.3	0.0	1.3	7.0
13	15.3	26.1	20.5	89.0	21.497	18.7	0.5	3.9	4.4	4.6
14	16.3	26.0	20.4	87.3	21.044	18.3	0.4	0.0	0.4	2.2
15	16.3	26.0	20.8	87.7	21.850	18.9	0.0	23.1	23.1	5.3
16	16.0	25.0	19.5	83.9	19.467	17.0	0.6	5.1	5.7	2.5
17	16.0	23.0	19.0	92.2	20.523	17.9	0.2	9.7	9.9	2.0
18	16.0	25.3	20.1	88.0	20.832	18.1	0.3	1.8	2.1	9.0
19	16.1	24.3	19.1	89.5	20.141	17.6	0.0	0.0	0.0	1.4
20	15.1	25.3	20.5	87.8	21.178	18.4	0.0	11.9	11.9	4.6
21	15.0	25.2	20.2	84.8	20.040	17.5	0.0	0.0	0.0	3.9
22	15.0	26.0	19.6	85.1	19.910	17.4	0.0	0.0	0.0	1.9
23	16.6	21.0	18.2	85.8	17.914	15.6	0.6	2.1	2.7	8.9
24	15.1	22.0	18.6	91.8	19.680	17.2	2.3	0.0	2.3	0.4
25	15.2	24.2	19.6	88.5	20.534	17.9	0.0	0.0	0.0	3.8
26	14.1	25.3	19.7	82.2	19.040	16.7	0.0	0.0	0.0	6.5
27	16.1	26.3	20.3	86.0	20.532	17.9	0.5	0.0	0.5	4.9
28	15.0	27.2	21.6	79.1	20.160	17.6	0.0	21.9	21.9	2.1
29	16.0	24.3	19.6	87.2	19.833	17.4	0.7	0.0	0.7	5.3
30	16.2	26.1	20.5	82.0	19.830	17.4	0.0	41.5	41.5	3.8
31	16.2	22.0	20.2	92.1	21.306	18.5	11.4	9.1	20.5	0.8
Prom.	15.7	24.8	20.0	87.5	20.550	17.9	52.6	189.3	241.9	119.5

Estación **PIAMONTE**Municipio **FREDONIA**Año **1.971**Altitud **1.330** metrosLatitud **5-54 N.**Longitud **75-38 W.****M E S - NOVIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	16.0	25.0	19.2	90.5	20.422	17.8	0.8	1.1	1.9	0.6
2	16.3	24.0	19.6	91.5	21.403	18.5	3.1	22.2	25.3	3.2
3	15.3	24.0	19.3	90.2	20.562	17.9	0.7	0.0	0.7	1.4
4	15.3	24.0	19.4	90.9	21.173	18.4	9.3	1.7	11.0	2.8
5	15.3	26.1	19.6	89.4	20.491	17.8	0.0	0.0	0.0	2.6
6	15.0	26.1	20.7	78.5	18.644	16.2	0.0	13.7	13.7	5.9
7	16.0	25.2	20.1	89.8	21.676	18.8	0.0	0.0	0.0	2.0
8	15.2	23.0	19.7	87.9	20.234	17.7	0.0	11.5	11.5	4.8
9	17.1	23.1	19.1	88.8	20.040	17.6	0.0	0.0	0.0	3.4
10	15.9	23.0	19.7	88.0	20.491	17.9	0.0	0.0	0.0	0.8
11	16.0	24.1	19.5	91.1	20.930	18.2	0.0	11.7	11.7	9.3
12	16.0	26.1	20.5	84.2	20.458	17.8	0.0	0.0	0.0	3.7
13	14.3	25.0	19.4	86.8	19.594	17.2	0.7	0.0	0.7	3.1
14	16.6	25.2	19.8	82.9	19.530	17.1	1.4	0.0	1.4	2.5
15	15.9	25.3	20.5	90.1	22.124	19.1	0.0	0.0	0.0	5.1
16	16.3	27.1	22.0	84.3	22.326	19.2	0.0	13.0	13.0	8.1
17	17.2	25.4	20.4	82.7	20.078	17.5	0.0	41.5	41.5	2.3
18	16.1	25.2	19.6	76.9	17.469	15.4	0.3	2.7	3.0	7.9
19	15.3	23.0	18.5	89.9	19.265	16.9	0.8	0.0	0.8	0.9
20	16.3	26.0	20.0	79.5	18.590	16.3	0.1	0.0	0.1	7.4
21	16.1	25.3	19.9	80.6	19.051	16.7	0.0	0.0	0.0	6.9
22	15.0	26.0	21.0	84.0	21.218	18.4	0.6	0.0	0.6	9.4
23	15.8	27.0	20.7	81.9	20.457	17.8	1.9	0.0	1.9	8.0
24	14.3	26.0	20.0	81.9	19.073	16.8	0.0	0.0	0.0	8.5
25	15.3	26.0	20.0	85.6	20.065	17.6	0.0	0.4	0.4	4.7
26	16.2	25.0	19.7	87.9	20.200	17.7	0.1	19.0	19.1	5.4
27	14.3	25.2	20.3	89.7	21.653	18.7	2.6	0.3	2.9	6.0
28	15.0	25.0	18.6	91.0	20.110	17.6	10.9	0.2	11.1	1.8
29	14.2	25.3	20.4	84.2	20.379	17.7	0.0	0.0	0.0	6.6
30	18.1	24.0	21.0	76.0	18.759	16.4	0.0	4.8	4.8	9.9
Prom.	15.7	25.0	19.9	85.9	20.216	17.6	33.3	143.8	177.1	145.0

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	15.2	26.2	20.3	85.4	21.154	18.3	0.0	0.0	0.0	5.4
2	16.1	26.0	20.4	86.3	21.189	18.4	0.0	0.0	0.0	6.0
3	15.0	26.2	21.0	78.0	19.708	17.2	0.6	0.0	0.6	7.9
4	15.0	26.2	20.3	81.6	19.602	17.1	0.0	0.0	0.0	7.0
5	14.3	27.0	21.4	75.6	19.727	17.3	0.0	0.0	0.0	9.6
6	14.2	27.0	21.4	81.8	20.975	18.3	0.0	0.0	0.0	9.7
7	16.0	29.3	22.0	77.6	20.696	18.1	0.0	0.0	0.0	9.5
8	17.3	27.0	20.7	86.2	21.158	18.4	0.0	0.0	0.0	2.6
9	15.2	28.2	20.9	86.9	21.582	18.7	0.0	0.0	0.0	5.8
10	17.1	28.0	21.9	78.9	20.974	18.2	0.0	0.0	0.0	8.2
11	16.2	27.3	21.1	79.9	20.059	17.5	0.0	0.0	0.0	5.6
12	15.1	29.2	22.0	75.7	20.056	17.5	0.0	0.0	0.0	9.8
13	16.2	30.1	22.6	75.2	20.893	18.2	0.0	0.0	0.0	6.9
14	16.2	28.3	21.3	80.3	20.565	17.9	0.0	0.0	0.0	6.8
15	16.2	29.1	22.1	78.3	20.985	18.3	0.0	0.0	0.0	5.8
16	16.2	29.0	21.4	81.1	20.714	18.1	0.0	0.0	0.0	4.0
17	16.0	28.0	20.4	85.3	20.823	18.1	13.9	0.0	13.9	4.1
18	16.0	28.2	19.5	77.4	17.880	15.7	0.0	0.0	0.0	7.2
19	15.2	29.2	21.1	73.0	18.341	16.1	0.0	0.0	0.0	8.9
20	15.1	28.3	20.5	81.1	19.458	17.1	0.0	0.0	0.0	8.2
21	16.2	27.2	19.3	88.1	20.171	17.6	0.2	2.3	2.5	2.4
22	15.1	25.3	18.6	88.7	19.430	17.0	2.2	1.6	3.8	1.0
23	15.3	21.4	17.6	97.6	20.032	17.5	5.6	0.0	5.6	0.0
24	14.2	24.5	18.5	88.0	19.119	16.8	1.8	5.6	7.4	5.7
25	14.2	26.6	19.6	84.9	19.459	17.1	0.0	0.0	0.0	5.2
26	15.0	25.0	20.8	82.6	20.165	17.6	10.8	0.0	10.8	8.6
27	14.2	24.2	20.1	86.9	20.327	17.7	0.0	4.9	4.9	7.7
28	14.1	26.3	20.7	84.3	20.652	18.0	0.0	13.6	13.6	3.6
29	16.2	23.3	19.0	93.3	20.362	17.8	13.2	0.6	13.8	1.9
30	15.1	27.2	19.1	90.1	20.257	17.7	0.0	0.0	0.0	3.6
31	14.3	26.6	20.9	87.5	21.735	18.7	0.0	5.8	5.8	7.5
Prom.	15.4	26.9	20.5	83.1	20.266	17.7	48.3	35.3	83.6	186.2

Estación **PIAMONTE**
 Altitud **1.330 Metros**

Municipio **FREDONIA**
 Latitud **5-54 N.**

Año **1.971**
 Longitud **75-38 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día Hluv.		
ENERO	15.8	25.2	19.7	14.1	28.0	85.5	19.741	17.3	264.6	23	142.3	
FEBRERO	14.8	25.5	19.7	13.2	28.2	85.0	19.654	17.2	230.9	17	125.5	
MARZO	15.4	25.6	20.1	13.3	28.2	85.4	20.178	17.6	402.4	25	117.6	
ABRIL	14.9	25.9	20.2	12.2	28.0	85.4	20.348	17.7	189.3	19	122.3	
MAYO	14.9	25.4	20.1	13.0	27.2	87.2	20.739	18.0	350.1	26	104.5	
JUNIO	14.8	25.6	20.2	13.1	28.0	87.1	20.839	18.1	308.0	21	146.6	
JULIO	14.5	25.5	19.9	13.1	28.0	88.6	20.861	18.1	157.1	17	190.7	
AGOSTO	14.7	25.0	19.6	13.0	28.0	90.8	20.826	18.1	395.2	27	153.7	
SEPTIEMBRE	15.3	24.9	19.7	13.6	28.0	89.8	20.744	18.1	427.1	25	143.3	
OCTUBRE	15.7	24.8	20.0	14.1	27.2	87.5	20.550	17.9	241.9	26	119.5	
NOVIEMBRE	15.7	25.0	19.9	14.2	27.1	85.9	20.216	17.6	177.1	21	145.0	
DICIEMBRE	15.4	26.9	20.5	14.1	30.1	83.1	20.266	17.7	83.6	12	186.2	
PROMEDIO	15.2	25.4	20.0	13.4	28.0	3.4	20.414	17.8				
TOTAL									3227.9	259	1697.2	

Estación MIGUEL VALENCIA

Municipio JARDIN

Año 1.971

Altitud 1.570 metros

Latitud 5-32 N.

Longitud 75-51 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.4	24.9	19.5	76.0	17.027	15.0	0.1	0.2	0.3	4.3
2	16.5	24.8	18.6	83.5	18.059	15.9	14.6	0.0	14.6	0.9
3	14.6	24.7	19.6	77.0	17.161	15.0	5.5	14.8	20.3	4.4
4	16.2	19.0	16.8	91.0	17.544	15.4	0.0	0.0	0.0	0.0
5	13.8	24.4	18.0	76.9	15.701	13.7	0.6	1.8	2.4	2.8
6	15.8	22.4	17.6	80.4	16.128	14.1	44.9	10.2	55.1	0.0
7	14.6	21.8	17.5	85.5	17.094	15.0	3.3	4.4	7.7	0.0
8	15.0	21.9	17.5	81.9	16.374	14.4	5.7	3.3	9.0	1.6
9	15.5	22.3	18.6	79.9	16.915	14.8	0.3	0.0	0.3	2.0
10	14.5	23.9	19.2	76.2	16.437	14.4	0.0	29.0	29.0	2.3
11	15.6	23.5	18.1	80.9	16.985	14.9	3.0	0.0	3.0	1.2
12	13.5	24.6	18.8	79.1	16.830	14.7	0.6	33.5	34.1	4.7
13	14.4	23.9	17.8	76.9	15.436	13.4	1.6	0.0	1.6	1.5
14	13.3	26.3	18.1	74.5	15.089	13.1	4.1	0.7	4.8	6.5
15	14.2	26.5	19.2	76.6	16.613	14.6	0.0	0.0	0.0	5.5
16	14.5	22.4	16.4	85.3	16.467	14.4	28.0	0.4	28.4	2.0
17	10.6	24.9	18.4	76.7	15.577	13.5	0.0	11.1	11.1	9.5
18	14.5	22.6	17.8	77.6	15.626	13.6	0.0	0.0	0.0	2.4
19	15.0	24.8	17.6	80.6	16.147	14.1	1.5	0.3	1.8	1.8
20	15.0	23.5	18.6	77.1	16.085	14.1	0.2	0.0	0.2	3.0
21	15.0	24.4	19.1	75.6	16.215	14.2	0.0	0.0	0.0	4.4
22	15.3	25.5	19.2	74.4	16.048	14.0	0.0	0.0	0.0	6.8
23	14.0	25.0	19.7	73.3	16.113	14.1	0.0	0.0	0.0	5.9
24	16.0	24.7	18.9	77.3	16.693	14.6	0.2	0.0	0.2	3.1
25	15.5	25.4	17.6	82.1	16.729	14.7	15.4	0.0	15.4	4.6
26	14.1	23.9	18.8	71.9	15.344	13.3	0.0	0.1	0.1	4.9
27	14.4	24.0	17.7	80.1	16.138	14.1	0.5	0.0	0.5	2.0
28	14.3	24.4	19.0	72.3	15.372	13.4	0.0	5.2	5.2	3.8
29	15.3	23.3	17.8	79.8	16.190	14.2	0.0	1.0	1.0	1.7
30	15.1	25.5	18.6	73.6	15.377	13.2	0.8	0.2	1.0	3.2
31	15.6	23.7	19.3	78.8	17.446	15.4	0.0	0.0	0.0	0.7
Prom.	14.7	24.0	18.4	78.5	16.354	14.3	130.9	116.2	247.1	97.5

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.2	23.0	18.8	76.9	16.486	14.4	0.0	0.0	0.0	2.9
2	15.4	25.0	19.1	74.9	16.217	14.2	0.0	0.0	0.0	4.9
3	16.5	23.0	18.4	82.2	17.316	15.2	0.3	1.2	1.5	1.3
4	15.6	20.6	16.7	88.6	17.134	15.1	24.5	4.0	28.5	0.1
5	11.8	23.0	17.2	80.2	15.359	13.4	1.3	1.4	2.7	2.9
6	14.5	25.4	19.2	71.5	15.163	13.1	0.0	0.0	0.0	9.0
7	16.0	25.0	19.7	72.6	16.324	14.3	0.0	0.4	0.4	3.5
8	15.4	26.0	19.6	74.7	16.603	14.5	0.0	0.4	0.4	7.9
9	15.0	26.2	19.3	75.5	16.533	14.5	0.4	0.8	1.2	9.0
10	15.8	25.5	18.2	78.9	16.446	14.4	1.2	0.2	1.4	4.6
11	13.5	25.2	18.6	67.2	13.906	11.8	0.0	0.0	0.0	9.9
12	14.0	20.5	17.3	85.6	16.797	14.8	0.3	0.2	0.5	0.8
13	15.8	22.0	18.3	80.5	16.744	14.7	11.4	0.0	11.4	0.8
14	14.6	20.4	17.0	88.0	17.269	15.2	5.4	0.0	5.4	0.0
15	15.0	23.5	17.3	79.8	15.736	13.7	0.0	0.0	0.0	0.0
16	14.0	23.5	17.1	84.2	16.441	14.4	0.4	4.7	5.1	3.7
17	15.0	25.2	18.6	78.4	16.505	14.4	1.1	14.0	15.1	5.4
18	15.1	20.0	17.3	89.3	17.532	15.4	4.6	0.0	4.6	0.0
19	14.6	24.0	17.5	83.9	16.758	14.7	8.8	0.4	9.2	2.5
20	15.4	24.9	19.0	80.0	17.333	15.2	0.0	6.5	6.5	6.3
21	14.5	24.2	17.8	77.8	15.539	13.5	3.1	8.6	11.7	1.6
22	15.0	23.5	17.8	80.1	16.157	14.1	6.3	0.0	6.3	2.2
23	14.2	25.0	17.5	78.2	15.510	13.5	16.6	0.0	16.6	7.7
24	12.8	25.0	18.2	76.5	15.492	13.5	0.4	0.0	0.4	6.9
25	13.0	26.6	19.5	71.7	15.799	13.8	0.1	0.0	0.1	7.7
26	15.0	23.8	17.8	79.6	16.477	14.5	3.4	0.0	3.4	0.8
27	14.0	26.6	19.6	71.4	15.749	13.7	1.8	18.8	20.6	8.3
28	13.0	26.7	19.9	71.7	15.924	13.9	0.0	3.1	3.1	8.0
Prom.	14.7	24.0	18.3	78.6	16.259	14.2	91.4	64.7	156.1	118.7

Estación **MIGUEL VALENCIA**Municipio **JARDIN**Año **1.971**Altitud **1.570** metrosLatitud **5-32 N.**Longitud **75-51 W.****M E S - MARZO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.5	21.0	17.0	81.9	15.970	14.0	0.0	0.0	0.0	0.0
2	13.0	24.0	18.5	78.4	16.160	14.1	10.2	5.3	15.5	6.2
3	14.3	24.5	18.9	76.6	16.286	14.2	0.0	19.5	19.5	3.7
4	13.6	23.5	17.1	77.1	14.729	12.7	0.7	0.0	0.7	3.2
5	12.5	25.8	19.6	72.6	15.642	13.6	0.0	0.0	0.0	9.8
6	16.0	27.8	21.4	69.0	16.889	14.9	0.1	8.2	8.3	8.1
7	17.0	23.0	18.6	85.7	18.538	16.3	10.0	6.5	16.5	1.0
8	13.4	24.5	17.5	82.2	16.255	14.2	37.0	3.6	40.6	4.3
9	15.0	25.6	18.3	81.8	17.049	15.0	7.9	0.0	7.9	3.8
10	14.5	26.4	18.8	75.1	15.905	13.9	0.1	3.3	3.4	6.5
11	15.5	24.7	19.4	78.2	17.342	15.3	0.2	22.4	22.6	6.0
12	14.0	23.6	18.0	79.5	16.008	13.9	0.0	0.0	0.0	3.3
13	14.5	24.5	18.8	78.4	16.745	14.7	0.5	28.4	28.9	5.1
14	15.0	26.0	18.5	79.3	16.681	14.6	6.4	2.3	8.7	5.2
15	15.1	24.5	19.4	77.6	17.058	15.0	0.0	0.0	0.0	2.4
16	15.2	23.5	18.6	81.8	17.518	15.4	5.3	0.5	5.8	0.3
17	14.0	23.3	18.2	81.3	16.670	14.6	2.5	34.9	37.4	1.7
18	14.6	24.0	18.4	80.9	16.822	14.7	1.5	26.2	27.7	1.8
19	15.5	24.2	18.3	83.9	17.778	15.6	17.9	1.8	19.7	3.6
20	15.1	22.0	18.1	81.8	16.801	14.7	3.7	22.6	26.3	1.0
21	15.0	23.5	19.0	78.4	16.959	14.9	0.7	0.0	0.7	2.7
22	14.8	25.2	18.3	74.8	15.472	13.5	1.8	17.2	19.0	6.3
23	13.8	23.5	18.4	76.6	15.655	13.6	0.0	0.1	0.1	4.6
24	15.5	25.5	19.4	75.5	16.570	14.5	3.3	15.3	18.6	5.0
25	15.0	25.2	19.2	76.3	16.717	14.6	2.3	6.3	8.6	6.7
26	15.5	25.9	20.0	76.6	17.600	15.5	0.0	7.0	7.0	5.3
27	16.0	26.5	19.5	80.4	18.015	15.9	0.9	0.0	0.9	5.1
28	16.5	22.0	18.3	84.8	17.777	15.7	6.9	5.1	12.0	0.5
29	15.5	20.5	17.2	87.9	17.338	15.3	2.0	0.0	2.0	0.2
30	15.0	25.0	18.2	80.6	16.689	14.6	1.6	1.8	3.4	2.5
31	14.7	22.0	17.5	81.8	16.187	14.2	4.8	15.1	19.9	0.8
Prom.	14.9	24.2	18.6	79.3	16.704	14.6	128.3	253.4	381.7	116.7

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.2	22.0	17.1	84.4	16.461	14.4	0.0	0.0	0.0	1.1
2	12.2	27.3	19.8	73.9	16.516	14.5	0.0	0.0	0.0	6.1
3	15.0	20.5	16.2	86.5	16.043	14.1	16.0	0.5	16.5	0.0
4	13.5	25.6	19.0	70.9	15.001	13.0	1.3	0.0	1.3	6.3
5	15.0	26.4	19.9	71.0	16.132	14.1	0.0	0.0	0.0	8.0
6	16.5	25.4	19.3	76.3	16.917	14.8	1.8	0.4	2.2	5.2
7	16.6	23.5	18.7	81.0	17.482	15.4	0.0	1.5	1.5	3.3
8	14.0	25.4	18.6	75.5	15.780	13.8	0.0	0.0	0.0	2.5
9	15.9	25.6	19.1	77.7	16.803	14.6	5.5	0.0	5.5	4.5
10	16.4	25.0	19.6	77.9	17.611	15.5	0.0	0.0	0.0	3.5
11	15.5	27.3	20.0	73.1	16.529	14.4	0.8	1.0	1.8	6.4
12	14.9	26.5	19.1	75.5	16.362	14.3	1.6	0.9	2.5	7.2
13	14.6	27.0	18.5	78.7	16.719	14.7	31.3	0.3	31.6	7.6
14	15.3	25.0	19.3	79.6	17.610	15.5	0.0	0.0	0.0	2.2
15	16.0	27.6	20.7	74.7	17.743	15.6	0.0	0.0	0.0	7.0
16	16.1	26.6	20.6	76.2	18.142	16.0	1.0	8.2	9.2	7.7
17	16.0	26.0	20.0	78.5	18.026	15.9	0.0	0.7	0.7	5.1
18	16.5	22.8	17.9	82.1	16.982	15.0	3.8	0.0	3.8	5.7
19	15.3	21.3	17.4	83.1	16.545	14.5	0.0	0.0	0.0	0.0
20	14.5	24.5	18.6	80.7	17.163	15.1	11.8	19.3	31.1	1.4
21	14.5	25.0	19.0	79.8	17.115	15.0	0.0	0.0	0.0	4.0
22	15.3	24.7	19.1	82.4	18.184	16.0	3.1	13.6	16.7	4.3
23	15.5	25.0	19.3	75.3	16.301	14.2	0.0	3.3	3.3	7.2
24	15.5	25.7	19.7	74.9	16.808	14.8	0.0	0.0	0.0	7.6
25	14.0	25.9	20.3	71.8	16.610	14.5	0.0	0.0	0.0	6.2
26	13.4	27.0	18.9	76.7	16.848	14.8	2.1	0.0	2.1	8.2
27	14.6	28.0	20.6	72.2	17.001	14.9	0.0	0.0	0.0	8.5
28	15.4	24.8	18.8	74.8	16.348	14.4	0.5	0.4	0.9	2.4
29	15.5	22.6	18.7	80.7	17.307	15.2	0.0	0.0	0.0	3.6
30	14.0	25.5	19.0	76.4	16.383	14.3	1.5	0.0	1.5	6.7
Prom.	15.1	25.2	19.1	77.4	16.849	14.8	82.1	50.1	132.2	149.5

Estación MIGUEL VALENCIA

Municipio JARDIN

Año 1.971

Altitud 1.570 metros

Latitud 5-32 N.

Longitud 75-51 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.6	25.0	19.2	75.6	16.642	14.6	0.0	0.0	0.0	3.8
2	13.0	23.9	18.8	77.2	16.290	14.2	0.7	13.1	13.8	3.8
3	15.5	26.5	18.9	74.8	16.001	13.8	2.5	6.7	9.2	5.4
4	15.0	23.3	18.3	82.1	17.052	15.0	6.4	0.0	6.4	2.9
5	14.2	27.0	20.2	75.5	17.244	15.1	0.0	16.5	16.5	5.3
6	16.5	26.0	19.8	75.3	17.211	15.1	0.0	0.0	0.0	6.2
7	13.8	26.0	19.6	76.2	17.057	15.0	0.0	7.7	7.7	7.0
8	14.4	23.5	18.3	83.6	17.340	15.2	2.9	0.0	2.9	3.7
9	15.0	24.9	18.9	80.4	17.501	15.4	4.7	19.3	24.0	5.1
10	16.8	24.9	20.2	75.4	17.477	15.3	0.0	0.0	0.0	2.8
11	15.6	24.9	20.0	74.1	17.194	15.1	0.0	0.0	0.0	1.8
12	16.2	23.0	18.8	84.3	18.419	16.2	2.5	0.6	3.1	1.5
13	14.7	25.5	19.8	77.4	17.458	15.3	1.7	11.8	13.5	4.4
14	16.0	21.0	17.8	84.9	17.151	15.1	22.3	0.0	22.3	1.0
15	15.0	24.5	19.2	79.0	17.389	15.3	0.0	25.7	25.7	2.2
16	14.9	24.2	18.6	77.5	16.280	14.2	3.3	0.0	3.3	2.3
17	16.0	24.4	19.5	78.5	17.624	15.5	0.0	2.9	2.9	2.6
18	15.4	26.5	19.1	79.3	17.513	15.4	7.8	10.8	18.6	4.6
19	15.5	26.0	19.2	77.7	16.986	14.9	0.0	31.6	31.6	3.1
20	14.0	24.4	18.9	81.7	18.071	15.9	3.2	0.8	4.0	5.0
21	14.9	24.9	19.6	79.0	17.751	15.6	5.4	1.7	7.1	4.8
22	13.2	26.0	18.6	78.1	16.386	14.3	0.0	0.0	0.0	5.3
23	15.9	24.2	17.9	89.0	18.101	15.9	19.2	0.0	19.2	3.3
24	15.3	25.1	18.6	79.0	16.730	14.7	5.0	24.0	29.0	4.0
25	13.8	25.0	19.2	79.8	17.316	15.2	4.2	49.0	53.2	3.4
26	15.9	25.0	19.8	74.7	16.859	14.8	0.0	0.0	0.0	7.4
27	14.2	27.9	21.2	72.5	17.766	15.5	3.2	1.0	4.2	9.9
28	16.6	24.9	19.4	76.1	17.188	15.1	2.3	0.0	2.3	3.6
29	14.0	23.7	17.6	89.0	17.765	15.6	6.4	15.1	21.5	3.3
30	15.6	21.5	18.3	83.6	17.465	15.4	2.7	3.3	6.0	0.7
31	15.4	27.0	20.7	73.2	17.274	15.2	0.0	7.5	7.5	9.9
Prom.	15.1	24.9	19.2	78.9	17.242	15.1	106.4	249.1	355.5	130.1

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	26.0	20.1	79.2	18.307	16.1	0.1	18.9	19.0	2.6
2	14.5	23.6	17.9	82.0	16.743	14.7	0.0	0.0	0.0	4.1
3	13.7	25.9	20.3	73.5	17.106	15.0	0.0	0.0	0.0	9.1
4	13.7	26.7	21.1	70.1	17.059	15.0	0.0	16.4	16.4	7.2
5	15.6	25.9	20.9	71.7	17.111	14.9	0.0	12.8	12.8	4.5
6	15.9	24.0	20.0	77.9	17.796	15.6	0.4	2.5	2.9	6.1
7	14.9	24.0	18.0	83.8	17.438	15.4	1.6	0.7	2.3	5.6
8	13.5	26.5	20.4	73.7	16.913	14.7	0.0	0.0	0.0	8.3
9	16.4	25.5	20.1	76.7	17.855	15.7	0.0	0.0	0.0	7.0
10	16.6	25.5	21.2	72.4	18.107	15.9	0.0	0.0	0.0	0.0
11	14.9	28.0	20.8	73.9	17.689	15.4	0.3	7.2	7.5	9.1
12	15.5	24.0	18.1	78.8	16.342	14.3	13.1	0.8	13.9	3.9
13	14.5	23.6	18.6	79.1	16.689	14.6	9.7	2.1	11.8	4.8
14	13.0	25.0	18.4	77.3	16.051	14.1	0.0	0.0	0.0	7.8
15	13.9	26.9	20.0	70.6	16.057	14.1	0.0	0.0	0.0	9.4
16	13.9	26.9	20.0	70.5	15.928	14.0	0.3	0.0	0.3	9.9
17	14.0	27.9	19.9	67.6	15.339	13.3	9.6	0.6	10.2	7.9
18	14.9	22.8	19.2	80.1	17.503	15.4	0.3	16.7	17.0	3.1
19	12.8	24.5	19.4	73.2	15.837	13.8	0.0	12.8	12.8	9.8
20	14.6	26.9	20.2	79.4	18.354	16.0	1.3	3.2	4.5	9.1
21	15.9	23.5	18.4	79.6	16.552	14.5	0.0	16.4	16.4	6.7
22	13.0	24.5	18.0	77.8	15.577	13.5	1.7	0.2	1.9	6.6
23	14.0	26.0	19.4	77.4	16.833	14.7	3.8	5.9	9.7	9.1
24	14.3	27.0	19.9	76.0	17.488	15.4	0.0	1.9	1.9	7.2
25	13.5	27.0	20.0	75.3	17.042	15.0	0.0	15.0	15.0	9.5
26	14.5	24.5	19.7	75.6	17.035	14.9	0.7	0.6	1.3	4.0
27	14.9	23.5	18.4	80.9	17.016	14.9	1.9	15.6	17.5	4.1
28	13.5	26.0	18.9	78.3	16.609	14.5	0.6	4.4	5.0	4.5
29	15.5	24.5	18.5	81.8	17.321	15.2	1.7	8.0	9.7	3.6
30	14.5	24.5	18.9	78.9	17.018	14.9	9.4	13.4	22.8	6.9
Prom.	14.5	25.4	19.5	76.4	16.957	14.9	56.5	176.1	232.6	191.5

Estación MIGUEL VALENCIA

Municipio JARDIN

Año 1.971

Altitud 1.570 metros

Latitud 5-32 N.

Longitud 75-51 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.0	25.0	18.4	76.8	15.826	13.8	0.0	0.0	0.0	6.8
2	14.5	24.0	18.7	81.8	17.369	15.3	0.6	15.4	16.0	6.0
3	13.6	25.5	18.6	73.7	15.235	13.2	0.0	2.6	2.6	7.3
4	15.5	24.5	18.3	79.3	16.566	14.5	11.8	0.2	12.0	3.3
5	14.3	25.8	19.0	74.3	15.801	13.7	0.0	0.0	0.0	7.2
6	15.4	26.5	20.8	72.5	17.568	15.4	0.2	2.4	2.6	7.4
7	16.6	24.2	19.4	78.4	17.460	15.4	0.0	0.0	0.0	5.2
8	14.9	26.8	20.4	76.0	17.617	15.4	0.0	0.0	0.0	9.3
9	15.0	27.2	19.5	74.8	16.725	14.7	5.8	0.0	5.8	5.6
10	15.0	25.5	19.7	74.7	16.720	14.6	7.8	0.0	7.8	4.1
11	13.6	24.5	19.7	75.4	16.795	14.6	3.6	0.9	4.5	6.3
12	15.9	24.0	19.2	81.9	18.020	15.8	1.6	15.8	17.4	4.4
13	15.7	25.2	19.3	82.0	18.179	16.0	6.4	14.8	21.2	6.6
14	14.5	22.6	17.6	81.8	16.422	14.4	0.0	0.0	0.0	1.9
15	14.4	25.4	20.0	76.9	17.478	15.3	0.0	0.0	0.0	6.0
16	14.2	24.5	18.7	77.9	16.685	14.7	0.8	0.0	0.8	8.0
17	12.6	25.5	19.1	72.3	15.480	13.4	1.1	0.1	1.2	7.2
18	14.5	26.4	21.0	70.4	16.860	14.8	0.0	9.0	9.0	9.0
19	13.2	27.5	20.2	73.6	16.700	14.6	0.0	0.0	0.0	9.9
20	14.0	27.0	21.7	69.8	17.422	15.3	0.0	0.0	0.0	8.4
21	13.2	27.0	20.8	69.1	16.126	14.0	0.0	0.0	0.0	8.0
22	14.5	26.8	20.5	72.4	16.997	14.9	0.0	0.0	0.0	6.5
23	14.0	26.7	20.9	68.0	16.144	14.0	0.0	0.9	0.9	9.0
24	15.0	26.0	20.5	74.0	17.288	15.2	0.0	3.2	3.2	4.0
25	13.6	27.6	20.6	68.8	16.075	14.1	0.0	20.1	20.1	9.6
26	14.9	23.7	18.8	78.3	16.547	14.5	0.0	8.7	8.7	2.5
27	12.8	25.3	19.3	73.7	15.922	13.9	0.0	0.0	0.0	8.5
28	12.8	25.4	19.0	71.6	15.301	13.3	0.4	0.0	0.4	3.7
29	13.5	27.0	20.3	71.6	16.678	14.6	0.4	9.6	10.0	9.0
30	15.5	25.0	20.4	75.7	17.651	15.5	0.0	0.0	0.0	8.1
31	14.0	25.2	18.7	77.2	16.338	14.3	0.3	0.0	0.3	6.7
Prom.	14.4	25.6	19.6	75.0	16.710	14.6	40.8	103.7	144.5	205.5

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.5	24.7	17.5	83.6	16.842	14.8	25.3	0.0	25.3	4.9
2	12.3	25.5	18.7	75.3	15.542	13.5	0.0	2.8	2.8	6.8
3	14.0	24.5	19.8	77.0	17.096	15.0	0.0	7.3	7.3	7.2
4	14.0	24.0	18.0	80.1	16.431	14.4	13.6	38.0	51.6	5.1
5	12.5	22.9	17.9	80.0	16.088	14.0	2.3	0.0	2.3	4.4
6	12.3	22.9	17.9	87.0	17.663	15.5	0.9	4.1	5.0	2.5
7	14.3	25.9	18.7	77.4	16.334	14.3	0.0	13.3	13.3	8.0
8	14.6	20.6	17.6	83.3	16.400	14.3	2.5	0.0	2.5	9.2
9	11.9	25.0	19.4	77.3	17.052	15.0	3.0	8.1	11.1	2.3
10	13.5	24.5	19.1	78.0	16.578	14.5	0.0	18.0	18.0	8.4
11	14.5	23.5	19.1	73.2	15.561	13.4	0.2	27.7	27.9	8.5
12	13.4	22.9	17.6	77.7	15.332	13.3	9.4	0.0	9.4	4.4
13	13.5	25.0	18.7	77.1	16.236	14.2	4.1	1.9	6.0	8.0
14	11.6	23.0	16.8	79.9	15.092	13.1	11.3	0.0	11.3	5.5
15	11.6	23.2	17.3	78.8	15.197	13.2	4.3	4.3	8.6	4.7
16	13.6	23.5	18.1	75.7	15.347	13.3	0.5	18.8	19.3	8.1
17	14.4	25.5	19.1	76.6	16.520	14.4	7.4	28.6	36.0	6.4
18	14.0	25.4	19.6	75.6	16.597	14.5	1.5	9.1	10.6	7.0
19	13.5	26.4	18.8	77.3	16.413	14.3	9.4	4.6	14.0	6.4
20	15.6	26.6	19.2	76.8	16.764	14.7	21.6	9.5	31.1	7.5
21	14.7	23.0	19.3	76.7	16.682	14.7	0.4	13.9	14.3	9.3
22	14.5	24.5	18.4	79.6	16.440	14.4	0.7	0.0	0.7	4.9
23	14.3	25.9	19.5	74.7	16.313	14.3	2.2	5.0	7.2	8.8
24	15.5	26.9	20.4	74.3	17.303	15.2	0.0	7.6	7.6	7.3
25	15.6	24.2	19.6	78.9	17.452	15.3	0.1	24.0	24.1	5.0
26	15.0	23.6	19.6	80.9	18.003	15.8	0.5	29.6	30.1	1.7
27	15.0	21.7	18.1	84.2	17.372	15.3	3.4	1.4	4.8	0.9
28	15.0	26.0	18.9	79.0	17.207	15.2	9.5	0.0	9.5	9.0
29	14.5	26.4	19.8	71.4	16.277	14.3	0.0	0.0	0.0	9.3
30	13.4	25.0	19.4	71.8	15.698	13.7	1.3	3.8	5.1	6.5
31	14.0	26.5	19.6	75.2	16.754	14.7	0.0	17.5	17.5	8.8
Prom.	13.9	24.5	18.8	77.9	16.471	14.4	135.4	298.9	434.3	196.8

Estación MIGUEL VALENCIA

Municipio JARDIN

Año 1.971

Altitud 1.570 metros

Latitud 5-32 N.

Longitud 75-51 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.9	21.0	18.1	81.0	16.510	14.5	0.6	0.0	0.6	0.1
2	14.4	22.9	17.4	84.3	17.285	15.2	15.1	1.6	16.7	4.3
3	12.9	22.8	18.0	82.2	16.954	14.8	2.5	11.9	14.4	4.2
4	14.9	25.9	19.4	79.0	17.539	15.4	0.0	0.0	0.0	3.5
5	14.8	24.0	18.6	80.0	16.975	14.9	0.0	0.2	0.2	3.5
6	13.4	22.5	16.0	93.5	17.181	15.1	11.3	0.3	11.6	3.8
7	13.4	22.0	17.2	85.9	16.825	14.8	10.4	6.5	16.9	1.9
8	14.6	20.7	17.9	90.8	18.460	16.2	5.6	2.9	8.5	0.6
9	14.9	22.9	18.7	82.7	17.504	15.3	0.0	15.8	15.8	4.6
10	14.7	22.9	17.3	87.6	17.255	15.2	7.1	0.0	7.1	3.2
11	11.9	26.9	19.9	71.1	15.618	13.5	0.0	0.0	0.0	9.7
12	13.5	26.8	20.3	67.3	15.389	13.4	0.0	7.6	7.6	9.7
13	14.4	23.5	18.8	80.0	16.998	14.9	0.0	0.0	0.0	5.7
14	13.2	26.0	19.0	71.8	15.431	13.4	0.1	31.2	31.3	9.0
15	14.9	25.9	18.8	76.7	16.233	14.2	0.4	19.0	19.4	5.4
16	14.6	26.0	18.9	79.1	16.942	14.9	5.5	7.1	12.6	3.6
17	14.5	26.9	19.5	81.0	18.202	16.0	13.0	0.0	13.0	4.5
18	15.6	23.3	19.0	79.8	17.210	15.1	0.7	13.0	13.7	1.7
19	15.9	22.0	18.5	85.5	17.930	15.7	1.0	14.5	15.5	1.9
20	15.3	26.0	19.0	74.9	16.132	14.1	0.3	10.9	11.2	8.1
21	14.9	22.2	17.6	90.6	18.469	16.2	6.5	29.5	36.0	6.2
22	13.2	26.5	18.5	76.8	16.047	14.0	8.6	0.0	8.6	3.6
23	14.0	26.0	18.1	86.4	18.014	15.8	8.7	0.0	8.7	5.8
24	14.6	25.9	19.3	76.5	16.604	14.5	0.0	0.0	0.0	7.5
25	13.5	25.6	20.2	76.8	17.717	15.5	0.2	12.6	12.8	6.6
26	14.6	25.0	19.2	79.7	17.407	15.3	0.0	0.0	0.0	2.2
27	12.8	26.5	18.7	78.0	16.373	14.3	15.9	1.6	17.5	7.8
28	13.2	25.5	19.4	77.6	16.877	14.8	0.0	0.1	0.1	5.1
29	14.2	24.9	19.4	78.4	17.384	15.2	4.8	9.6	14.4	3.9
30	15.9	25.6	19.7	78.3	17.537	15.4	0.0	3.5	3.5	4.5
Prom.	14.3	24.5	18.7	80.4	17.033	14.9	118.3	199.4	317.7	142.2

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.9	29.5	20.5	74.7	17.353	15.2	1.4	16.1	17.5	4.7
2	15.4	23.1	17.9	78.0	15.942	13.9	0.7	0.0	0.7	0.0
3	13.9	22.5	17.2	82.9	16.241	14.2	9.6	9.2	18.8	3.8
4	15.5	24.0	18.0	80.5	16.541	14.5	11.1	12.0	23.1	1.6
5	15.0	24.8	19.1	79.6	17.245	15.2	2.8	4.5	7.3	6.4
6	15.0	26.0	20.1	72.8	16.731	14.5	0.5	10.9	11.4	6.5
7	14.9	25.0	19.6	80.4	18.022	15.8	3.6	0.4	4.0	2.3
8	13.2	25.4	19.1	75.7	16.544	14.5	0.0	0.0	0.0	6.2
9	15.0	26.9	19.8	73.7	16.654	14.6	0.0	2.2	2.2	7.5
10	14.9	23.9	18.4	85.4	18.122	16.0	2.3	0.0	2.3	2.4
11	15.6	23.7	18.5	82.4	17.433	15.3	4.1	1.6	5.7	0.9
12	14.6	24.9	19.6	86.0	19.428	17.0	3.8	0.2	4.0	4.3
13	12.8	23.9	18.9	79.7	17.057	14.9	1.0	0.7	1.7	3.8
14	14.5	23.0	17.6	85.8	17.373	15.3	11.4	0.0	11.4	6.1
15	12.5	24.9	18.3	78.1	15.933	13.8	3.3	0.0	3.3	0.0
16	13.5	21.7	17.9	87.7	17.993	15.8	1.2	16.8	18.0	2.5
17	14.9	24.0	17.8	80.1	16.208	14.2	5.7	0.7	6.4	1.6
18	13.9	21.0	17.2	88.8	17.614	15.5	0.0	0.6	0.6	2.8
19	14.5	21.8	17.1	88.5	17.422	15.3	7.4	0.0	7.4	2.2
20	13.0	25.4	19.2	79.5	17.553	15.4	0.0	0.0	0.0	7.2
21	14.4	25.5	19.5	75.4	16.674	14.6	0.4	0.0	0.4	0.4
22	14.0	22.0	17.8	85.0	17.544	15.4	4.0	0.0	4.0	1.3
23	13.6	23.5	15.7	80.2	14.284	11.9	14.9	9.3	24.2	4.2
24	13.5	25.0	18.3	75.0	15.436	13.4	3.2	16.8	20.0	4.6
25	13.9	24.5	17.7	73.3	14.473	12.4	0.0	0.1	0.1	3.5
26	12.9	24.0	17.9	83.9	16.992	14.9	0.8	0.0	0.8	5.6
27	13.4	25.2	19.2	76.0	16.287	14.1	0.0	0.0	0.0	4.1
28	14.8	25.5	20.2	73.7	16.931	14.8	0.0	18.9	18.9	5.7
29	15.0	23.0	18.9	82.1	17.758	15.6	1.0	0.0	1.0	3.3
30	14.7	23.0	19.2	84.0	18.586	16.3	5.6	4.7	10.3	2.2
31	15.4	23.0	18.4	83.1	17.442	15.3	0.7	8.6	9.3	0.4
Prom.	14.3	24.2	18.5	80.4	16.962	14.8	100.5	134.3	234.8	108.1

Estación MIGUEL VALENCIA
Altitud 1.570 metros

Municipio JARDIN
Latitud 5-32 N.

Año 1.971
Longitud 75-51 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	23.5	18.6	83.3	18.002	15.8	0.2	4.4	4.6	1.1
2	13.4	24.9	18.7	78.6	16.749	14.7	0.5	21.5	22.0	3.1
3	14.9	22.0	17.5	83.3	16.609	14.6	2.8	0.0	2.8	0.1
4	14.9	24.9	18.9	80.7	17.296	15.1	0.6	3.6	4.2	3.0
5	14.0	25.6	18.9	78.7	16.837	14.8	4.0	0.0	4.0	6.3
6	14.9	24.5	19.7	76.9	17.250	15.1	0.0	2.5	2.5	2.4
7	15.5	22.2	18.0	89.3	18.479	16.3	7.4	0.0	7.4	0.8
8	14.0	24.0	18.6	81.1	17.179	15.0	0.4	25.4	25.8	4.0
9	15.0	21.6	17.7	89.0	18.163	16.0	1.0	0.0	1.0	0.0
10	14.6	22.0	18.0	90.4	18.589	16.3	1.6	0.0	1.6	0.1
11	14.0	24.5	18.8	78.2	16.574	14.5	0.0	0.0	0.0	3.0
12	13.4	26.9	19.6	75.8	16.724	14.6	4.3	0.0	4.3	7.3
13	14.0	29.4	19.9	72.1	16.446	14.4	0.0	0.0	0.0	9.7
14	16.9	24.1	19.2	82.9	18.324	16.1	0.4	7.3	7.7	5.4
15	16.0	24.5	19.0	77.3	16.658	14.6	0.0	0.0	0.0	4.7
16	16.5	26.3	19.7	76.3	17.261	15.1	5.2	0.0	5.2	5.2
17	14.9	23.9	18.2	82.1	17.171	15.1	30.6	10.0	40.6	3.3
18	14.9	22.3	17.9	82.7	16.983	14.9	2.8	0.0	2.8	3.9
19	13.5	23.0	18.0	82.1	16.770	14.7	0.0	0.0	0.0	1.8
20	11.3	25.4	17.6	76.3	15.051	13.1	17.7	0.0	17.7	6.9
21	11.9	25.0	18.8	72.4	15.179	13.2	0.0	0.0	0.0	7.5
22	13.5	25.9	18.3	73.2	14.912	12.8	0.0	0.0	0.0	9.0
23	14.4	25.2	18.7	75.4	15.965	13.9	0.0	2.6	2.6	7.2
24	14.9	23.0	17.7	79.2	15.976	13.9	1.0	1.6	2.6	3.0
25	14.9	24.5	18.8	78.3	16.681	14.6	1.3	8.3	9.6	3.1
26	14.9	23.5	18.5	81.5	16.967	14.8	0.5	8.6	9.1	5.4
27	12.5	26.6	19.1	75.3	15.809	13.7	0.0	3.0	3.0	9.3
28	14.9	24.9	18.3	78.7	16.440	14.4	11.8	0.1	11.9	4.7
29	10.4	26.0	18.0	76.6	15.320	13.3	0.0	0.0	0.0	8.9
30	13.5	27.3	19.2	75.6	16.665	14.6	0.0	2.2	2.2	9.3
Prom.	14.2	24.6	18.6	79.4	16.768	14.7	94.1	101.1	195.2	139.5

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.9	24.4	18.2	73.0	15.273	13.3	0.0	0.0	0.0	4.3
2	13.9	25.0	18.9	75.1	16.290	14.3	1.1	0.0	1.1	4.9
3	12.9	24.0	18.2	75.1	15.564	13.6	0.0	0.0	0.0	5.6
4	13.6	24.4	19.3	76.0	16.624	14.5	0.2	0.0	0.2	4.3
5	13.8	24.9	18.6	76.3	16.112	14.1	0.0	0.0	0.0	7.2
6	14.0	26.0	18.8	74.8	15.820	13.8	0.0	0.0	0.0	8.6
7	13.9	27.3	19.9	75.0	17.081	15.0	0.0	0.0	0.0	7.6
8	14.6	26.1	19.2	74.9	16.132	14.1	0.0	0.0	0.0	1.6
9	14.4	26.5	19.3	74.3	16.206	14.2	0.0	0.0	0.0	6.0
10	16.0	26.9	20.2	73.6	17.039	14.9	0.0	0.0	0.0	4.1
11	15.1	24.3	18.8	77.8	16.672	14.6	0.0	0.0	0.0	1.3
12	13.7	26.3	19.3	75.5	16.526	14.4	8.6	0.1	8.7	5.1
13	13.9	26.5	19.9	73.5	16.489	14.4	0.0	1.5	1.5	7.7
14	14.5	26.9	19.1	78.7	17.104	15.0	4.9	0.3	5.2	6.2
15	14.9	26.9	20.1	70.9	16.251	14.3	0.2	0.3	0.5	5.1
16	15.6	23.5	18.1	84.4	17.942	15.8	0.1	0.0	0.1	2.6
17	14.5	21.9	17.4	87.9	17.598	15.5	4.3	3.1	7.4	1.2
18	15.0	26.0	18.9	75.4	16.141	14.1	0.0	0.2	0.2	4.3
19	14.3	26.9	18.7	73.5	15.436	13.4	0.0	0.0	0.0	8.4
20	13.8	24.9	19.6	70.4	15.826	13.8	0.0	0.2	0.2	5.3
21	14.9	21.5	17.0	88.2	17.371	15.3	4.7	2.1	6.8	0.6
22	14.7	23.9	17.4	86.1	17.319	15.2	3.8	2.2	6.0	1.7
23	14.4	18.0	15.6	92.3	16.526	14.5	15.7	0.0	15.7	6.0
24	11.5	24.9	18.2	75.3	15.085	13.0	0.0	8.7	8.7	6.9
25	13.9	26.4	19.5	75.2	16.350	14.2	0.0	0.4	0.4	7.2
26	14.9	25.9	18.6	79.3	16.747	14.7	0.0	1.7	1.7	6.2
27	15.4	21.5	17.7	82.4	16.538	14.5	1.8	1.3	3.1	2.0
28	15.0	23.8	18.1	80.8	16.739	14.7	1.5	14.0	15.5	3.3
29	14.9	25.9	18.6	78.2	16.352	14.3	5.9	7.8	13.7	3.6
30	13.9	23.6	17.5	89.3	17.949	15.8	0.0	0.0	0.0	1.5
31	13.5	25.0	18.3	73.9	14.933	12.8	0.1	0.2	0.3	6.2
Prom.	14.3	24.8	18.6	78.0	16.453	14.4	52.9	44.1	97.0	140.6

Estación **MIGUEL VALENCIA**Municipio **JARDIN**Año **1.971**Altitud **1.570** MetrosLatitud **5-32 N**Longitud **75-51 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día llov.	
ENERO	14.7	24.0	18.4	10.6	26.5	78.5	16.354	14.3	247.1	24	97.5
FEBRERO	14.7	24.0	18.3	11.8	26.7	78.6	16.259	14.2	156.1	23	118.7
MARZO	14.9	24.2	18.6	12.5	27.8	79.3	16.704	14.6	381.7	27	116.7
ABRIL	15.1	25.2	19.1	12.2	28.0	77.4	16.849	14.8	132.2	17	149.5
MAYO	15.1	24.9	19.2	13.0	27.9	78.9	17.242	15.1	355.5	25	130.1
JUNIO	14.5	25.4	19.5	12.8	28.0	76.4	16.957	14.9	232.6	23	191.5
JULIO	14.4	25.6	19.6	12.6	27.6	75.0	16.710	14.6	144.5	19	205.5
AGOSTO	13.9	24.5	18.8	11.6	26.9	77.9	16.471	14.4	434.3	30	196.8
SEPTIEMBRE	14.3	24.5	18.7	11.9	26.9	80.4	17.033	14.9	317.7	25	142.2
OCTUBRE	14.3	24.2	18.5	12.5	29.5	80.4	16.962	14.8	234.8	28	108.1
NOVIEMBRE	14.2	24.6	18.6	10.4	29.4	79.4	16.768	14.7	195.2	23	139.5
DICIEMBRE	14.3	24.8	18.6	11.5	27.3	78.0	16.453	14.4	97.0	20	140.6
PROMEDIO	14.5	24.7	18.8	12.0	27.7	78.4	16.730	14.6			
TOTAL									2928.7	284	1736.7

Estación BERTHA

Municipio MONIQUIRA

Año 1.971

Altitud 1.700 metros

Latitud 5-52 N.

Longitud 73-24 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.1	24.2	18.3	77.0	15.547	13.3	0.2	0.2	0.4	5.0
2	13.0	26.3	18.8	71.2	14.769	12.6	0.0	0.0	0.0	5.7
3	12.2	25.0	18.6	75.8	15.737	13.6	0.0	5.8	5.8	6.4
4	15.5	23.5	18.5	83.0	17.508	15.4	0.9	0.3	1.2	2.4
5	15.0	22.5	17.2	93.5	18.567	16.3	3.1	0.1	3.2	0.7
6	13.0	24.0	18.1	80.9	16.406	14.3	0.1	1.3	1.4	4.3
7	14.2	24.0	18.7	77.9	16.499	14.5	0.0	0.0	0.0	5.3
8	12.5	24.2	17.9	78.7	15.615	13.6	0.3	0.0	0.3	4.7
9	13.6	25.0	17.6	77.4	15.284	13.3	0.1	0.0	0.1	6.9
10	14.0	25.0	18.8	78.0	16.414	14.3	1.1	0.0	1.1	4.5
11	13.0	25.0	18.4	74.6	15.052	13.0	0.0	0.0	0.0	4.9
12	13.2	26.0	18.7	73.5	15.438	13.4	6.0	10.2	16.2	6.5
13	13.6	25.0	18.6	80.7	17.178	15.1	0.0	0.0	0.0	4.2
14	11.0	26.0	17.9	76.2	15.048	13.0	0.0	0.0	0.0	8.1
15	14.0	24.9	18.6	74.4	15.459	13.4	0.0	0.0	0.0	7.9
16	10.5	25.0	16.6	75.1	13.471	11.2	11.4	23.5	34.9	5.4
17	11.0	23.5	17.1	79.5	14.886	12.8	0.0	0.0	0.0	8.7
18	13.0	23.0	17.0	87.0	16.935	14.9	0.0	1.6	1.6	5.2
19	14.1	25.0	18.7	75.6	15.727	13.6	0.0	3.2	3.2	7.5
20	15.0	22.5	17.6	80.8	16.270	14.3	0.2	3.8	4.0	3.9
21	14.0	23.5	18.4	80.3	16.578	14.5	0.0	0.0	0.0	6.0
22	15.0	24.0	18.5	77.4	16.208	14.2	0.0	0.0	0.0	7.6
23	12.8	26.5	18.8	70.9	14.563	12.4	0.0	0.0	0.0	10.0
24	13.0	25.0	18.7	68.8	14.541	12.4	0.0	1.9	1.9	9.2
25	14.4	25.5	19.2	75.2	16.178	14.1	0.0	0.3	0.3	7.0
26	13.0	26.0	18.5	76.6	15.664	13.6	0.0	0.0	0.0	7.1
27	14.6	24.5	18.4	79.8	16.697	14.6	12.3	5.9	18.2	4.8
28	13.8	24.5	18.3	81.9	17.081	15.0	9.0	0.0	9.0	6.2
29	14.5	24.5	17.9	81.0	16.432	14.4	10.0	0.8	10.8	6.0
30	12.8	25.0	18.5	79.9	16.526	14.4	0.0	5.1	5.1	8.5
31	12.8	27.0	19.1	72.5	14.978	12.6	0.0	0.0	0.0	8.0
Prom.	13.4	24.7	18.3	77.9	15.911	13.8	54.7	64.0	118.7	188.6

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.0	25.2	18.7	74.7	15.732	13.8	0.0	7.3	7.3	7.9
2	13.8	25.4	19.2	77.1	16.393	14.3	0.4	7.1	7.5	6.4
3	14.8	25.5	19.0	80.9	17.390	15.3	9.3	0.0	9.3	6.3
4	14.0	25.5	18.5	74.4	15.495	13.5	4.0	0.7	4.7	7.2
5	14.3	19.4	16.4	88.6	16.611	14.6	4.3	0.0	4.3	0.5
6	11.8	24.5	16.5	80.0	14.652	12.6	0.0	0.0	0.0	5.3
7	11.6	25.0	17.6	78.9	15.357	13.4	0.0	0.0	0.0	8.8
8	11.5	25.0	18.5	68.0	13.470	11.4	0.0	0.0	0.0	9.6
9	13.0	25.0	17.9	73.5	14.490	12.4	0.0	0.0	0.0	5.9
10	10.0	24.0	16.3	77.0	13.710	11.6	0.0	0.0	0.0	7.3
11	13.0	24.5	17.4	70.8	13.402	11.2	0.0	0.0	0.0	8.7
12	9.0	24.6	16.7	68.0	12.019	9.7	0.0	0.3	0.3	10.2
13	12.5	25.0	18.9	66.3	13.430	11.3	0.0	11.1	11.1	7.2
14	11.0	26.0	19.5	74.2	16.783	14.7	0.0	0.0	0.0	6.6
15	14.6	27.5	18.6	75.9	15.407	13.2	7.1	3.5	10.6	5.5
16	13.0	24.0	17.6	81.9	16.064	14.0	0.2	0.0	0.2	6.6
17	14.4	25.0	18.6	78.5	16.388	14.3	0.0	3.7	3.7	3.7
18	14.5	23.6	17.9	82.4	16.643	14.6	1.0	10.2	11.2	1.8
19	14.5	23.0	17.9	80.7	16.372	14.3	0.2	7.7	7.9	1.0
20	13.5	24.5	17.9	78.3	16.104	14.1	0.8	0.1	0.9	6.2
21	11.8	24.5	17.4	79.8	15.528	13.5	0.9	0.0	0.9	4.8
22	12.8	24.0	18.2	78.9	15.995	13.9	0.0	0.0	0.0	3.0
23	13.0	26.5	17.9	79.0	15.711	13.7	17.0	0.0	17.0	5.8
24	12.8	25.5	17.9	70.8	13.518	11.1	4.7	0.2	4.9	5.1
25	10.0	27.4	17.9	70.0	13.163	10.9	4.9	0.1	5.0	10.2
26	10.8	24.4	16.8	82.5	15.690	13.7	5.2	27.1	32.3	4.4
27	13.0	25.0	16.6	76.8	14.258	12.2	39.1	0.1	39.2	3.9
28	9.0	25.0	17.4	76.5	14.759	12.7	13.6	0.1	13.7	5.9
Prom.	12.6	24.8	17.8	76.6	15.162	13.1	112.7	79.3	192.0	165.8

Estación **BERTHA**Municipio **MONIQUIRA**Año **1.971**Altitud **1.700** metrosLatitud **5-52 N.**Longitud **73-24 W.****M E S - MARZO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.4	25.0	17.2	83.8	16.723	14.7	29.9	5.5	35.4	4.9
2	12.0	26.0	17.8	81.6	16.253	14.2	16.0	0.0	16.0	7.8
3	13.6	25.5	18.7	78.0	16.279	14.2	0.0	0.1	0.1	4.5
4	13.5	23.5	17.8	78.3	15.586	13.5	0.0	0.0	0.0	4.0
5	12.1	25.0	18.6	82.8	17.205	15.1	1.1	0.0	1.1	6.0
6	12.5	27.9	20.2	69.3	15.336	13.1	0.0	0.0	0.0	9.7
7	13.8	27.0	19.6	71.2	15.720	13.4	1.7	0.4	2.1	5.8
8	13.0	25.0	17.5	79.1	15.277	13.2	4.6	0.0	4.6	3.7
9	13.4	26.0	17.6	79.2	15.540	13.4	5.8	1.6	7.4	4.9
10	12.8	25.5	18.4	81.4	15.894	14.8	1.5	1.4	2.9	6.6
11	14.4	25.4	18.6	79.8	17.142	15.1	0.0	0.0	0.0	3.1
12	13.5	24.5	18.6	76.9	15.856	13.8	0.0	0.0	0.0	5.8
13	12.3	25.5	19.0	70.0	14.629	12.6	18.7	0.0	18.7	5.9
14	14.0	24.5	19.3	77.4	16.765	14.7	0.0	0.0	0.0	0.8
15	15.5	22.4	18.7	77.2	16.439	14.4	3.6	2.9	6.5	1.0
16	14.0	23.5	18.4	79.4	16.491	14.4	0.3	13.3	13.6	2.2
17	14.0	24.0	17.6	86.5	17.289	15.2	21.7	0.1	21.8	1.4
18	14.0	23.5	18.3	83.4	17.167	15.0	16.9	0.8	17.7	1.0
19	14.5	25.0	18.7	82.2	17.435	15.3	7.5	5.7	13.2	4.3
20	15.5	22.5	17.9	81.6	16.585	14.5	17.0	0.0	17.0	1.4
21	14.0	23.0	18.3	80.9	16.611	14.5	0.6	0.0	0.6	2.4
22	11.0	25.0	17.8	77.3	15.037	12.9	0.1	2.7	2.8	5.7
23	15.0	24.4	19.0	78.4	16.795	14.7	0.0	0.0	0.0	2.8
24	13.6	25.0	19.1	72.6	15.318	13.3	0.1	0.0	0.1	3.9
25	14.0	26.6	19.8	71.2	15.634	13.6	0.0	0.2	0.2	8.1
26	15.5	26.0	19.6	79.9	17.876	15.7	2.4	0.0	2.4	4.5
27	15.0	25.5	19.9	77.0	17.235	15.1	0.0	0.0	0.0	5.8
28	15.5	24.9	19.6	79.9	17.676	15.5	0.6	0.2	0.8	0.0
29	16.0	23.5	18.2	82.8	17.087	15.0	0.0	0.0	0.0	1.4
30	15.0	22.5	17.9	83.8	17.134	15.1	6.6	5.1	11.7	2.1
31	14.5	22.0	18.0	83.7	16.997	14.9	0.5	1.3	1.8	1.0
Prom.	13.9	24.7	18.6	78.9	16.452	14.4	157.2	41.3	198.5	122.5

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.3	20.5	16.7	84.7	16.075	14.1	0.0	0.0	0.0	0.0
2	12.0	23.9	17.2	80.8	15.503	13.4	12.4	0.0	12.4	6.8
3	13.0	24.0	16.5	83.2	15.438	13.4	0.0	0.0	0.0	3.8
4	10.6	23.5	16.4	72.7	13.228	11.0	0.0	0.0	0.0	7.2
5	11.0	25.5	18.3	70.8	14.223	12.2	0.0	0.0	0.0	7.6
6	12.5	26.5	19.9	79.5	18.308	16.1	0.0	0.0	0.0	8.4
7	13.5	25.5	19.2	72.9	15.658	13.6	0.4	11.8	12.2	7.5
8	15.0	24.9	18.9	77.6	16.564	14.5	0.1	0.4	0.5	6.9
9	14.8	25.5	19.6	76.6	16.968	14.8	0.0	0.0	0.0	5.4
10	15.0	25.5	18.4	78.8	16.331	14.3	0.0	2.9	2.9	5.1
11	13.0	25.5	19.4	71.2	15.335	13.3	3.8	0.0	3.8	7.2
12	14.0	26.6	19.5	75.5	16.697	14.7	0.0	0.8	0.8	7.8
13	14.3	25.3	19.4	74.0	16.096	14.1	0.0	22.1	22.1	5.9
14	13.6	24.9	18.6	83.0	17.547	15.4	4.0	32.3	36.3	6.3
15	14.0	23.5	17.9	83.3	16.705	14.6	3.3	0.0	3.3	1.4
16	14.0	25.0	19.5	87.7	19.836	17.3	0.0	22.2	22.2	6.6
17	14.5	25.4	18.9	80.4	17.208	15.1	2.2	14.1	16.3	5.1
18	15.8	25.0	19.8	76.7	17.596	15.4	0.0	0.1	0.1	1.0
19	15.8	21.0	16.6	94.6	18.165	16.0	2.3	1.6	3.9	0.2
20	14.0	22.2	16.9	89.8	17.231	15.2	13.2	12.7	25.9	3.6
21	15.0	22.0	16.7	88.5	17.015	15.0	3.3	0.0	3.3	0.8
22	13.0	25.0	18.4	81.4	16.650	14.5	9.1	12.4	21.5	5.3
23	14.0	25.0	18.6	79.5	16.624	14.6	2.1	0.0	2.1	4.1
24	11.5	25.0	18.6	78.0	16.103	14.0	1.5	0.0	1.5	5.8
25	10.0	26.0	19.2	61.3	12.305	10.0	0.0	13.5	13.5	5.9
26	11.0	27.0	19.4	75.5	15.893	13.6	0.0	6.8	6.8	7.9
27	12.0	26.0	18.6	71.6	14.874	12.9	0.0	0.0	0.0	7.4
28	14.5	25.0	16.1	95.9	17.511	15.4	9.6	0.8	10.4	0.0
29	15.0	26.0	19.7	74.8	16.539	14.4	2.8	1.5	4.3	6.4
30	12.0	26.0	18.3	80.7	16.555	14.5	14.7	0.7	15.4	5.6
Prom.	13.4	24.8	18.4	79.4	16.359	14.2	84.8	156.7	241.5	153.0

Estación **BERTHA**
 Altitud **1.700** metros

Municipio **MONQUIRA**
 Latitud **5-52 N.**

Año **1.971**
 Longitud **73-24 W.**

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	16.5	25.0	18.3	86.2	18.174	16.0	2.5	11.9	14.4	4.0
2	15.8	22.0	17.7	98.2	19.962	17.4	7.5	10.1	17.6	4.6
3	16.0	24.5	18.2	85.1	17.741	15.6	19.3	0.0	19.3	5.4
4	15.1	23.0	17.5	88.0	17.813	15.7	4.3	7.8	12.1	3.5
5	15.4	25.0	18.8	77.7	16.614	14.6	0.0	16.9	16.9	4.7
6	14.8	25.0	18.8	83.0	17.841	15.7	1.9	3.5	5.4	1.1
7	14.5	25.5	19.4	86.5	19.294	16.9	4.3	11.8	16.1	4.8
8	14.5	24.6	18.6	85.5	17.939	15.7	8.3	0.0	8.3	1.7
9	15.8	23.5	18.1	85.6	17.788	15.7	1.6	0.0	1.6	2.4
10	15.7	23.0	18.8	84.2	18.355	16.2	1.4	11.3	12.7	2.7
11	13.5	28.5	19.5	75.2	15.944	13.7	0.0	0.0	0.0	4.7
12	14.0	24.0	18.1	84.0	17.050	14.9	0.3	0.0	0.3	2.9
13	15.4	24.9	19.7	82.1	18.336	16.1	1.6	0.4	2.0	2.5
14	15.3	24.5	17.6	85.8	17.246	15.2	27.7	0.2	27.9	0.1
15	15.5	24.5	19.0	80.9	17.479	15.3	4.6	3.9	8.5	2.6
16	15.4	25.6	19.3	81.9	18.099	15.9	0.0	33.9	33.9	2.9
17	15.4	23.0	17.8	91.0	18.501	16.3	1.4	31.5	32.9	2.4
18	14.6	25.0	18.8	79.9	16.811	14.6	7.7	0.7	8.4	4.4
19	16.0	24.5	18.2	84.5	17.548	15.4	4.5	32.2	36.7	1.9
20	14.0	25.0	17.8	87.4	17.594	15.4	0.0	0.0	0.0	4.3
21	16.0	24.5	17.7	93.8	19.575	17.1	9.7	15.6	25.3	4.7
22	14.9	25.0	17.5	83.0	16.450	14.4	7.3	23.7	31.0	2.9
23	14.8	23.5	17.3	81.0	15.865	13.8	5.8	0.5	6.3	2.0
24	13.0	25.0	16.7	81.6	15.192	13.1	10.0	23.6	33.6	5.5
25	14.0	25.0	17.7	86.0	17.378	15.3	36.0	27.3	63.3	3.5
26	14.0	25.8	18.3	83.1	17.105	15.0	10.7	0.2	10.9	6.3
27	13.3	26.3	19.2	78.8	16.755	14.6	1.4	6.2	7.6	10.4
28	15.0	26.0	19.0	81.5	17.496	15.3	7.9	0.0	7.9	3.9
29	15.0	25.0	18.4	85.6	17.903	15.7	9.1	6.0	15.1	0.5
30	15.5	22.0	17.5	93.3	18.472	16.2	0.0	15.8	15.8	1.4
31	14.0	24.9	18.5	82.3	17.131	15.0	0.0	0.0	0.0	3.7
Prom.	14.9	24.6	18.3	84.6	17.595	15.4	196.8	295.0	491.8	108.4

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	14.0	25.0	17.3	82.2	16.093	14.1	59.9	15.0	74.9	4.4
2	14.0	25.0	18.4	82.9	17.043	14.9	0.0	0.0	0.0	6.5
3	15.0	26.0	19.7	85.7	19.176	16.7	0.0	0.0	0.0	6.9
4	14.0	27.5	18.4	76.1	15.135	12.7	2.3	48.7	51.0	5.5
5	14.3	26.2	19.9	82.3	18.367	16.0	0.4	3.0	3.4	5.3
6	13.9	24.4	17.8	82.9	16.836	14.8	8.6	0.0	8.6	3.2
7	13.3	24.5	17.2	86.5	16.706	14.6	3.3	0.0	3.3	2.1
8	12.0	26.5	19.0	79.2	16.601	14.2	0.0	4.8	4.8	5.8
9	13.6	26.0	18.7	81.5	17.266	15.2	2.1	0.0	2.1	2.3
10	10.0	26.0	18.4	80.1	16.478	14.3	0.0	0.0	0.0	6.6
11	11.0	26.5	18.9	78.8	16.208	13.9	1.2	0.5	1.7	8.5
12	14.2	23.0	18.1	83.0	16.743	14.6	5.0	0.0	5.0	0.4
13	15.4	22.0	17.2	95.3	19.114	16.7	8.9	0.0	9.1	1.3
14	12.6	25.4	18.3	80.5	16.475	14.4	4.2	0.0	4.2	6.1
15	11.0	25.6	18.2	76.8	15.370	13.3	0.0	0.0	0.0	7.5
16	10.6	26.2	18.1	74.3	14.296	12.0	4.1	0.0	4.1	7.6
17	13.0	26.0	17.5	79.5	15.597	13.6	9.2	0.1	9.3	4.7
18	12.2	24.4	17.2	80.1	15.298	13.2	1.0	0.0	1.0	3.2
19	11.3	23.6	16.9	77.3	14.228	12.1	0.0	0.0	0.0	3.0
20	9.0	25.0	17.3	74.9	13.624	11.2	0.0	0.0	0.0	5.9
21	11.5	25.0	16.9	89.0	17.431	15.3	2.5	8.1	10.6	4.2
22	13.0	23.0	16.3	83.0	15.503	13.5	6.0	0.1	6.1	2.1
23	13.6	24.5	17.2	88.5	17.371	15.3	2.8	0.0	2.8	4.7
24	12.2	26.0	18.4	73.6	14.535	12.2	0.0	0.0	0.0	3.7
25	10.8	25.6	17.2	76.8	14.291	12.1	16.4	1.2	17.6	5.7
26	14.0	25.0	18.4	81.8	17.148	15.1	0.8	0.0	0.8	4.7
27	14.0	23.0	17.2	82.0	16.081	14.1	2.0	0.0	2.0	2.5
28	14.2	25.0	18.5	82.3	17.200	15.1	0.0	4.2	4.2	5.4
29	14.3	26.0	18.1	82.0	16.909	14.9	0.0	0.0	0.0	3.5
30	12.5	25.0	18.0	80.7	16.140	14.1	0.0	0.0	0.0	6.7
Prom.	12.8	25.1	18.0	81.3	16.309	14.1	140.7	85.9	226.6	140.0

Estación BERTHA

Municipio MONIQUIRA

Año 1.971

Altitud 1.700 metros

Latitud 5-52 N.

Longitud 73-24 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.3	25.0	17.9	81.7	16.526	14.5	0.0	0.0	0.0	2.7
2	13.0	24.0	15.6	95.3	16.699	14.7	10.4	0.0	10.4	3.8
3	13.0	23.5	17.5	83.4	16.327	14.3	2.1	0.0	2.1	3.1
4	12.7	24.0	17.8	83.2	16.491	14.4	10.9	1.1	12.0	4.9
5	14.0	25.0	19.0	76.3	16.042	13.9	0.0	2.9	2.9	3.1
6	12.0	27.0	17.4	76.4	14.462	12.4	2.2	0.0	2.2	10.1
7	12.4	24.5	17.7	83.0	16.214	14.1	7.3	0.0	7.3	1.3
8	11.0	27.0	19.4	76.5	15.926	13.5	18.0	8.4	26.4	4.6
9	13.0	27.0	19.4	73.1	15.510	13.2	0.0	0.0	0.0	2.9
10	14.0	25.0	18.8	82.4	17.335	15.1	0.2	0.0	0.2	1.9
11	11.0	26.6	18.0	79.3	15.654	13.5	9.1	0.0	9.1	4.9
12	12.7	24.0	17.6	82.3	15.986	13.8	6.8	2.4	9.2	5.0
13	13.6	23.8	17.8	79.1	15.821	13.7	7.8	0.0	7.8	0.8
14	14.0	24.5	18.4	82.6	17.183	15.1	0.0	5.5	5.5	1.4
15	14.0	26.0	18.6	68.2	13.976	11.8	0.0	0.0	0.0	5.9
16	10.9	25.0	17.7	77.6	14.727	12.4	0.0	0.0	0.0	4.9
17	10.0	26.3	18.2	76.3	14.888	12.6	1.4	14.5	15.9	6.0
18	12.1	22.0	15.7	92.0	16.813	14.7	10.4	0.0	10.4	4.6
19	10.0	26.9	18.6	76.3	15.007	12.4	0.1	0.0	0.1	8.6
20	12.4	25.4	18.0	79.4	16.205	14.2	0.0	0.0	0.0	2.1
21	14.6	27.0	19.6	75.6	16.849	14.6	0.6	0.0	0.6	5.3
22	13.0	27.0	18.6	77.9	15.668	13.3	0.0	0.0	0.0	5.4
23	11.0	26.2	19.2	70.8	14.612	12.2	0.0	0.0	0.0	5.4
24	12.6	25.0	17.0	77.1	14.699	12.6	0.4	0.0	0.4	1.9
25	10.0	26.0	18.0	76.5	14.612	12.2	6.4	12.8	19.2	9.2
26	13.0	23.5	18.1	87.4	17.890	15.7	0.9	0.0	0.9	2.1
27	13.0	26.6	18.6	75.2	14.984	12.5	1.0	0.0	1.0	7.7
28	12.0	26.5	18.0	67.3	13.124	11.0	0.0	1.0	1.0	5.3
29	11.6	26.0	17.7	76.3	14.658	12.6	3.7	0.3	4.0	4.9
30	14.0	24.5	18.1	83.1	16.828	14.7	1.2	3.0	4.2	1.0
31	12.2	26.0	17.2	82.0	15.666	13.7	2.0	8.2	10.2	7.5
Prom.	12.5	25.4	18.0	79.1	15.722	13.5	102.9	60.1	163.0	138.3

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.4	24.0	17.8	73.6	14.176	12.0	0.0	0.0	0.0	3.2
2	11.0	26.0	18.3	74.3	14.527	12.3	4.8	0.6	5.4	4.2
3	13.6	25.0	18.3	76.9	15.762	13.8	0.2	0.0	0.2	4.3
4	11.0	24.0	16.7	79.7	14.836	12.8	8.7	1.9	10.6	3.5
5	11.6	22.0	15.3	92.2	16.078	14.0	13.7	0.0	13.7	2.4
6	11.0	24.3	17.0	75.2	14.007	11.8	5.2	0.7	5.9	1.9
7	11.0	24.5	17.8	78.6	15.444	13.4	0.2	0.0	0.2	5.2
8	13.0	22.0	16.4	92.6	17.163	15.1	5.7	0.0	5.7	4.7
9	10.0	25.0	16.3	76.9	13.581	11.4	0.1	0.0	0.1	5.4
10	10.0	26.0	17.1	73.8	13.657	11.3	13.4	1.6	15.0	5.3
11	10.6	23.0	16.6	84.1	15.638	13.6	2.2	40.8	43.0	4.6
12	11.6	23.3	16.4	78.2	14.023	11.9	0.0	0.4	0.4	2.4
13	12.6	23.3	17.2	87.2	16.822	14.7	2.2	0.0	2.2	5.4
14	10.0	23.0	16.6	90.0	16.963	14.7	0.6	0.0	0.6	3.1
15	12.6	21.4	16.7	84.3	15.980	14.0	2.0	0.0	2.0	1.3
16	12.6	24.5	17.4	79.3	15.157	13.1	0.0	0.0	0.0	6.1
17	12.7	25.6	18.3	76.7	15.242	12.9	1.1	0.0	1.1	5.4
18	12.6	24.8	18.4	79.1	16.024	13.8	14.0	0.2	14.2	0.0
19	12.5	26.2	17.6	78.7	15.198	13.1	0.6	17.2	17.8	5.6
20	11.5	25.0	17.4	77.3	14.628	12.4	5.2	2.6	7.8	4.8
21	12.0	23.6	18.5	80.2	16.422	14.2	4.0	11.0	15.0	4.9
22	14.6	24.0	18.2	83.3	17.162	15.0	16.0	0.0	16.0	4.0
23	13.0	25.0	18.6	84.0	17.653	15.5	0.0	1.1	1.1	6.9
24	12.6	26.9	18.2	78.2	15.526	13.4	10.3	0.2	10.5	7.4
25	13.0	25.0	18.6	90.9	19.230	16.8	0.5	35.6	36.1	4.6
26	14.6	23.0	18.6	88.1	18.555	16.3	2.0	1.0	3.0	0.8
27	15.3	21.5	17.9	90.4	18.439	16.2	0.9	0.0	0.9	0.0
28	15.4	26.3	19.9	79.8	17.748	15.3	0.0	0.0	0.0	4.8
29	14.0	26.0	19.2	83.0	18.077	15.8	0.0	0.0	0.0	5.2
30	11.6	24.0	16.9	79.7	14.813	12.7	2.6	0.0	2.6	1.7
31	11.0	26.0	18.0	78.6	15.454	13.3	12.2	0.1	12.3	8.5
Prom.	12.3	24.3	17.6	81.4	15.935	13.8	128.4	115.0	243.4	127.8

Estación **BERTHA**
 Altitud **1.700** metros

Municipio **MONIQUIRA**
 Latitud **5-52 N.**

Año **1.971**
 Longitud **73-24 W.**

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.2	23.5	18.0	82.7	16.914	14.8	0.0	0.0	0.0	0.9
2	14.0	23.0	17.3	89.3	17.707	15.6	11.5	0.0	11.5	3.4
3	12.0	23.0	16.8	89.8	17.028	14.9	6.3	0.0	6.3	3.9
4	13.0	23.6	18.6	84.5	17.655	15.5	3.5	0.0	3.5	6.1
5	12.6	24.5	18.1	78.2	15.387	13.1	0.3	4.0	4.3	3.6
6	12.8	25.0	17.9	79.5	15.534	13.3	2.2	5.3	7.5	2.7
7	13.2	25.0	18.3	82.7	16.822	14.7	3.0	5.4	8.4	4.7
8	14.6	23.5	18.1	89.1	18.583	16.3	6.1	0.2	6.3	1.4
9	14.6	25.0	18.6	82.4	17.315	15.1	4.6	0.8	5.4	4.5
10	14.6	24.0	18.0	86.7	17.741	15.6	9.4	0.3	9.7	2.8
11	12.0	26.5	18.3	82.2	16.811	14.7	1.8	0.0	1.8	7.0
12	10.9	27.0	18.4	80.4	16.213	14.1	3.4	0.0	3.4	7.8
13	13.0	24.0	17.2	81.6	15.688	13.6	1.8	0.0	1.8	2.0
14	12.0	24.9	18.4	82.0	16.867	14.6	0.6	8.8	9.4	6.8
15	15.4	26.0	19.4	78.8	17.128	14.7	0.2	11.9	12.1	4.2
16	14.6	25.5	17.8	91.9	19.284	16.9	31.5	4.2	35.7	3.6
17	15.0	25.0	18.9	81.7	17.382	15.2	0.0	0.0	0.0	2.8
18	13.1	24.5	18.5	85.3	17.726	15.5	0.5	9.2	9.7	2.5
19	14.3	25.0	18.1	80.5	16.148	13.9	9.0	2.8	11.8	4.3
20	14.1	23.0	17.4	86.9	17.350	15.2	3.5	0.0	3.5	3.5
21	13.0	22.0	17.9	88.9	17.952	15.7	3.5	0.8	4.3	0.0
22	11.6	27.0	18.8	74.0	14.860	12.5	0.1	0.3	0.4	7.0
23	11.4	28.0	19.7	78.5	17.322	15.2	0.0	0.9	0.9	6.7
24	11.4	26.0	18.5	80.1	16.278	14.0	0.0	0.0	0.0	4.0
25	10.6	25.5	17.8	76.4	14.763	12.6	1.4	6.4	7.8	2.9
26	11.4	25.0	17.0	83.3	15.981	14.0	2.1	0.0	2.1	5.0
27	10.0	25.0	18.3	83.6	16.948	14.7	0.3	0.0	0.3	6.7
28	10.3	27.1	19.1	79.8	16.580	14.2	0.2	1.3	1.5	7.6
29	14.1	26.0	19.4	75.3	16.151	13.9	10.4	29.7	40.1	4.6
30	13.6	24.9	18.4	89.8	18.911	16.5	0.0	25.6	25.6	3.6
Prom.	12.9	24.9	18.2	82.9	16.901	14.7	117.2	117.9	235.1	126.6

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.5	23.4	18.8	82.0	17.236	15.0	0.0	14.9	14.9	0.2
2	14.6	22.2	18.1	86.1	17.636	15.5	21.6	1.5	23.1	0.5
3	15.0	22.0	17.9	81.9	16.484	14.2	0.6	0.2	0.8	1.1
4	15.3	22.5	17.6	90.9	18.347	16.2	1.0	19.0	20.0	2.0
5	13.3	23.0	18.0	80.7	16.348	14.2	4.3	12.1	16.4	4.0
6	14.2	24.0	18.3	82.6	17.146	15.0	3.6	11.5	15.1	5.4
7	12.6	24.0	17.5	82.0	15.920	13.8	3.5	9.9	13.4	3.2
8	10.4	26.0	18.4	78.3	15.636	13.3	4.3	0.0	4.3	8.2
9	13.5	25.5	18.0	80.3	16.113	14.1	0.0	0.6	0.6	5.6
10	12.4	24.2	18.6	85.0	17.881	15.7	20.6	3.4	24.0	1.7
11	13.8	23.1	17.6	86.2	17.409	15.3	0.0	2.9	2.9	1.4
12	12.0	25.2	17.7	78.2	15.120	12.8	6.5	0.0	6.5	5.0
13	10.6	27.0	18.0	75.3	14.481	12.1	0.0	0.0	0.0	4.1
14	13.5	24.0	18.1	82.4	16.778	14.6	3.2	0.0	3.2	3.2
15	11.0	24.9	17.7	79.0	15.384	13.3	0.0	0.0	0.0	7.1
16	14.3	23.3	18.0	83.3	17.009	14.9	1.9	19.1	21.0	0.0
17	14.6	24.4	18.6	78.2	16.174	13.9	0.1	1.0	1.1	1.4
18	14.6	24.5	18.2	79.4	16.262	14.0	0.6	3.0	3.6	1.7
19	13.6	22.4	18.1	85.4	17.505	15.3	1.6	0.0	1.6	1.0
20	12.0	26.5	18.8	82.3	17.308	15.2	4.0	20.8	24.8	6.7
21	12.3	26.0	19.4	79.8	17.251	15.0	0.0	3.5	3.5	5.6
22	14.3	26.0	18.5	81.7	17.015	14.9	0.0	0.0	0.0	1.3
23	14.0	25.0	19.0	81.8	17.448	15.2	18.0	2.5	20.5	5.4
24	14.1	23.5	17.9	80.5	16.256	14.1	0.1	0.0	0.1	3.7
25	10.6	23.5	17.7	77.2	14.807	12.7	0.0	0.0	0.0	5.2
26	10.0	24.4	16.9	82.1	15.544	13.5	0.7	12.5	13.2	6.8
27	13.0	25.0	18.5	88.6	18.793	16.5	0.4	0.0	0.4	5.6
28	14.0	24.4	19.1	87.7	19.088	16.7	0.3	1.0	1.3	6.6
29	14.0	26.5	19.3	75.0	15.857	13.4	0.0	9.8	9.8	5.3
30	15.6	24.5	19.0	81.1	17.559	15.3	0.0	22.5	22.5	6.3
31	15.4	25.5	19.2	81.0	17.784	15.6	0.0	0.5	0.5	0.0
Prom.	13.3	24.4	18.3	81.8	16.761	14.6	96.9	172.2	269.1	115.3

Estación **BERTHA**Municipio **MONIQUIRA**Año **1.971**Altitud **1.700** metrosLatitud **5-52 N.**Longitud **73-24 W.****M E S - NOVIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.1	25.5	17.9	83.0	17.060	15.0	0.0	25.0	25.0	1.1
2	14.7	25.4	17.3	86.4	17.516	15.4	20.5	0.9	21.4	2.3
3	14.8	23.5	17.7	80.7	16.515	14.5	0.0	32.2	32.2	1.4
4	13.6	25.0	17.8	82.3	16.492	14.4	3.3	0.5	3.8	4.1
5	15.0	25.0	17.8	85.8	17.389	15.2	0.1	1.2	1.3	6.3
6	14.3	25.0	18.8	81.5	17.331	15.2	0.0	0.7	0.7	6.1
7	13.6	27.0	18.5	81.7	17.073	15.0	14.5	7.9	22.4	5.1
8	15.1	24.0	17.6	83.1	16.580	14.5	2.1	0.0	2.1	3.5
9	15.7	27.1	18.6	77.0	16.214	14.1	0.3	5.2	5.5	1.7
10	13.2	23.0	18.8	84.2	17.808	15.5	0.0	0.0	0.0	6.2
11	12.2	24.0	17.6	70.5	14.348	12.0	0.0	2.9	2.9	8.0
12	15.0	24.0	17.9	79.6	16.183	14.1	0.0	16.5	16.5	7.1
13	15.0	26.0	19.5	90.1	20.886	18.1	0.0	18.2	18.2	7.9
14	16.4	24.0	19.0	81.3	17.634	15.4	0.7	0.3	1.0	0.4
15	15.0	25.0	18.2	82.2	17.427	15.3	4.7	0.0	4.7	3.1
16	10.4	24.5	17.7	80.0	15.533	13.4	0.7	0.0	0.7	5.2
17	13.6	25.0	16.2	88.7	16.579	14.6	0.2	0.0	0.2	4.2
18	12.1	25.0	17.1	82.0	15.652	13.6	0.0	0.8	0.8	7.2
19	14.0	20.0	16.2	90.0	16.728	14.7	0.3	0.7	1.0	0.5
20	13.6	21.4	16.5	87.7	16.690	14.7	1.8	0.3	2.1	0.8
21	13.2	23.0	17.3	87.1	16.965	14.9	0.4	0.0	0.4	2.2
22	11.3	24.0	15.8	78.2	13.674	11.5	0.0	0.3	0.3	8.8
23	12.0	24.5	17.4	78.8	15.171	13.1	2.4	1.4	3.8	10.0
24	12.1	24.0	17.9	79.8	15.819	13.6	0.1	1.4	1.5	4.3
25	13.6	24.5	17.5	83.7	16.705	14.7	0.8	9.1	9.9	5.7
26	14.8	25.1	18.5	81.7	17.154	15.1	0.2	0.9	1.1	8.1
27	13.6	24.0	17.7	84.8	16.910	14.8	1.8	0.0	1.8	3.7
28	13.6	25.5	18.4	82.4	17.073	14.9	0.0	0.0	0.0	2.8
29	13.7	24.0	17.3	83.9	16.432	14.4	0.1	0.4	0.5	6.0
30	11.0	26.0	18.7	81.6	17.081	14.9	0.1	0.3	0.1	4.9
Prom.	13.7	24.5	17.8	82.7	16.687	14.6	55.1	126.8	181.9	138.7

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	10.6	26.0	17.5	74.1	14.099	12.0	0.0	0.0	0.0	
2	10.9	25.9	17.8	75.8	14.646	12.5	0.0	0.0	0.0	
3	14.0	26.0	18.7	75.3	15.832	13.8	0.0	0.0	0.0	
4	12.8	25.5	17.9	83.5	16.981	14.9	0.2	0.0	0.2	
5	10.6	28.0	19.0	78.1	16.154	13.9	0.0	0.0	0.0	
6	12.6	25.0	17.3	79.7	15.331	13.3	6.2	0.0	6.2	
7	12.2	26.5	17.6	82.9	16.295	14.2	7.9	0.0	7.9	
8	10.0	26.0	17.8	74.9	14.267	12.1	0.0	0.0	0.0	
9	10.0	26.9	18.8	71.7	14.228	11.7	0.0	0.0	0.0	
10	12.0	26.5	18.0	78.1	15.317	13.2	0.0	0.0	0.0	
11	12.4	26.4	18.1	79.9	15.762	13.7	2.8	0.0	2.8	
12	10.0	26.0	17.0	76.3	13.796	11.5	4.1	0.0	4.1	
13	13.0	26.0	17.9	81.3	16.558	14.5	1.1	0.0	1.1	
14	11.8	26.5	18.2	81.7	16.720	14.6	0.0	0.0	0.0	
15	10.0	28.5	19.4	71.4	14.812	12.5	0.0	0.0	0.0	
16	12.0	28.0	18.4	76.3	14.958	12.7	0.0	4.9	4.9	
17	13.6	26.0	18.3	83.5	17.157	15.0	1.0	6.3	7.3	
18	13.0	27.3	17.3	78.0	15.174	13.2	0.1	0.3	0.4	
19	11.0	25.0	18.1	79.1	15.662	13.5	0.0	0.0	0.0	
20	11.0	26.5	18.5	75.1	15.010	13.0	0.0	0.0	0.0	
21	11.0	24.9	18.3	79.8	15.916	13.7	5.7	0.7	6.4	
22	12.4	23.3	17.8	77.9	15.423	13.4	1.9	1.0	2.9	
23	14.4	22.2	17.3	81.5	15.909	13.8	0.7	0.0	0.7	
24	14.6	23.3	18.2	77.4	15.735	13.6	0.0	1.7	1.7	
25	15.0	24.0	17.5	83.0	16.559	14.5	0.0	2.2	2.2	
26	13.3	24.0	18.2	80.8	16.373	14.3	0.0	12.1	12.1	
27	13.0	23.3	16.7	81.4	15.165	13.1	18.5	0.0	18.5	
28	13.0	24.0	17.5	77.1	15.112	13.1	0.4	3.7	4.1	
29	13.6	25.0	18.2	80.5	16.404	14.3	1.5	0.0	1.5	
30	13.0	25.0	18.4	82.4	16.839	14.6	0.1	0.0	0.1	
31	10.3	24.4	17.3	82.3	15.805	13.7	2.3	5.1	7.4	
Prom.	12.2	25.5	18.0	78.7	15.613	13.5	54.5	38.0	92.5	

Estación **BERTHA**Municipio **MONIQUIRA**Año **1.971**Altitud **1.700** MetrosLatitud **5-52 N.**Longitud **73-24 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	13.4	24.7	18.3	10.5	27.0	77.9	15.911	13.8	118.7	19	188.6
FEBRERO	12.6	24.8	17.8	9.0	27.5	76.6	15.162	13.1	192.0	20	165.8
MARZO	13.9	24.7	18.6	11.0	27.9	78.9	16.452	14.4	198.5	23	122.5
ABRIL	13.4	24.8	18.4	10.0	27.0	79.4	16.359	14.2	241.5	23	153.0
MAYO	14.9	24.6	18.3	13.0	28.5	84.6	17.595	15.4	491.8	28	108.4
JUNIO	12.8	25.1	18.0	9.0	27.5	81.3	16.309	14.1	226.6	21	140.0
JULIO	12.5	25.4	18.0	10.0	27.0	79.1	15.722	13.5	163.0	24	138.3
AGOSTO	12.3	24.3	17.6	10.0	26.9	81.4	15.935	13.8	243.4	27	127.8
SEPTIEMBRE	12.9	24.9	18.2	10.0	28.0	82.9	16.901	14.7	235.1	27	126.6
OCTUBRE	13.3	24.4	18.3	10.0	27.0	81.8	16.761	14.6	269.1	27	115.3
NOVIEMBRE	13.7	24.5	17.8	10.4	27.1	82.7	16.687	14.6	181.9	28	138.7
DICIEMBRE	12.2	25.5	18.0	10.0	28.5	78.7	15.613	13.5	92.5	20	
PROMEDIO	13.2	24.8	18.1	10.2	27.5	80.4	16.284	14.1			
TOTAL									2654.1	287	

Estación **RAFAEL ESCOBAR**Municipio **SUPIA**Año **1.971**Altitud **1.330** metrosLatitud **5-28 N.**Longitud **75-38 W.****M E S - ENERO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.9	28.0	22.3	66.4	18.349	16.0	0.0	0.7	0.7	7.8
2	18.0	27.0	21.8	80.3	20.854	18.2	1.5	1.1	2.6	4.7
3	17.8	27.3	21.9	77.6	20.396	17.8	0.2	1.2	1.4	4.9
4	17.2	22.0	19.0	90.2	19.951	17.4	0.9	0.0	0.9	0.0
5	15.8	27.0	19.6	82.2	18.652	16.4	4.4	19.3	23.7	2.7
6	16.8	24.0	19.3	87.6	19.701	17.2	10.0	0.2	10.2	0.0
7	17.4	22.4	18.9	87.5	19.142	16.8	10.6	12.0	22.6	0.0
8	16.6	23.0	18.9	87.9	19.354	16.9	0.7	0.1	0.8	0.9
9	16.0	26.1	19.7	82.3	18.510	16.3	0.2	0.1	0.3	2.7
10	17.8	25.0	19.9	88.4	20.391	17.8	12.2	17.5	29.7	2.0
11	17.0	26.0	20.8	79.1	19.196	16.9	0.0	0.0	0.0	4.8
12	16.0	26.0	21.1	79.8	19.651	17.2	0.0	18.1	18.1	6.7
13	15.5	26.6	20.6	78.0	18.702	16.4	0.0	0.0	0.0	1.9
14	17.0	27.0	21.1	80.3	19.850	17.4	8.1	0.0	8.1	7.2
15	16.5	26.8	21.6	78.8	19.748	17.3	0.0	1.6	1.6	7.3
16	16.0	24.9	18.4	85.6	18.705	16.4	31.5	1.3	32.8	2.1
17	14.0	26.0	19.7	78.1	17.332	15.2	0.1	3.7	3.8	9.1
18	16.6	25.0	20.1	80.4	18.541	16.3	0.2	0.0	0.2	2.2
19	17.0	26.9	20.7	77.5	18.980	16.7	0.0	2.6	2.6	4.2
20	17.4	25.0	20.9	81.2	20.050	17.5	0.1	0.0	0.1	3.1
21	16.0	28.0	21.8	70.2	17.544	15.4	0.0	0.0	0.0	7.4
22	16.0	27.5	21.4	70.9	17.583	15.5	0.2	10.3	10.5	10.3
23	17.0	27.0	21.9	68.9	17.552	15.5	0.2	0.0	0.2	7.2
24	17.7	26.4	22.4	76.5	19.955	17.4	0.3	0.1	0.4	6.0
25	17.3	27.3	21.4	71.9	18.060	15.9	0.1	0.0	0.1	7.1
26	15.7	27.0	21.2	71.8	17.749	15.5	0.0	0.4	0.4	7.5
27	16.0	28.6	22.0	71.5	17.813	15.6	0.0	0.0	0.0	6.3
28	16.8	28.0	21.9	74.5	18.946	16.6	0.0	8.2	8.2	6.7
29	17.0	27.0	21.2	76.8	19.313	16.9	0.2	2.3	2.5	5.9
30	17.7	27.0	21.1	80.5	19.632	17.1	0.1	4.8	4.9	4.8
31	16.0	28.0	19.7	76.3	18.299	16.1	0.0	0.0	0.0	4.6
Prom.	16.7	26.3	20.7	78.7	18.984	16.6	81.8	105.6	187.4	148.1

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	25.6	20.2	83.8	19.679	17.2	1.2	12.1	13.3	4.0
2	16.8	27.0	19.2	88.0	19.527	17.1	0.1	0.8	0.9	8.0
3	18.0	26.0	20.5	86.1	20.734	18.1	0.6	8.2	8.8	2.8
4	17.6	25.3	19.6	83.6	19.071	16.7	14.0	0.1	14.1	0.6
5	16.0	26.0	19.0	80.1	17.691	15.6	2.3	0.0	2.3	0.9
6	15.0	27.0	21.6	69.8	17.470	15.4	0.0	2.7	2.7	7.5
7	17.0	25.0	20.5	83.4	19.660	17.2	0.8	1.3	2.1	4.8
8	17.0	27.0	22.3	70.8	18.482	16.3	0.1	2.7	2.8	5.9
9	17.0	27.0	22.1	69.0	17.954	15.8	0.0	14.8	14.8	7.2
10	17.4	26.0	19.8	79.9	18.767	16.4	0.3	1.2	1.5	4.3
11	15.0	27.0	21.4	66.1	16.286	14.3	0.0	0.0	0.0	9.3
12	17.0	26.0	20.3	70.1	16.563	14.6	0.0	0.0	0.0	5.7
13	17.0	25.0	19.6	79.8	18.505	16.3	0.0	0.0	0.0	1.8
14	15.6	25.0	19.2	85.1	19.076	16.7	4.7	0.3	5.0	1.6
15	16.6	26.8	20.9	78.2	18.768	16.5	0.1	0.5	0.6	8.7
16	16.8	25.8	19.8	83.9	19.414	17.0	1.4	9.2	10.6	3.3
17	16.0	27.0	20.6	76.0	18.274	16.1	17.8	31.5	49.3	5.6
18	17.0	24.0	18.6	92.0	20.023	17.5	18.4	1.2	19.6	0.1
19	16.8	24.0	19.7	87.1	19.878	17.4	1.6	0.1	1.7	0.7
20	17.0	28.0	22.0	72.5	18.299	16.0	0.4	41.1	41.5	6.6
21	17.1	29.3	21.3	71.3	17.823	15.7	0.1	15.3	15.4	0.9
22	16.0	24.0	18.6	73.8	15.682	13.7	0.8	0.1	0.9	0.0
23	17.0	27.0	20.0	75.3	17.644	15.5	3.0	0.0	3.0	6.4
24	15.6	27.0	21.2	71.7	17.623	15.5	0.0	0.0	0.0	9.5
25	15.0	29.0	22.5	73.4	18.677	16.3	0.0	0.1	0.1	10.6
26	18.0	26.0	21.1	77.9	19.756	17.3	0.2	0.0	0.2	1.7
27	17.0	27.0	20.3	74.9	17.843	15.7	2.9	0.0	2.9	7.6
28	16.8	28.0	22.3	70.8	18.020	15.7	0.0	0.0	0.0	2.6
Prom.	16.6	26.4	20.5	77.7	18.471	16.2	70.8	143.3	214.1	128.7

Estación RAFAEL ESCOBAR

Municipio SUPIA

Año 1.971

Altitud 1.330 metros

Latitud 5-28 N.

Longitud 75-38 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.4	25.0	19.9	82.0	19.148	16.8	0.0	0.0	0.0	8.4
2	16.0	28.0	21.0	73.3	17.643	15.5	0.1	6.8	6.9	6.5
3	17.0	26.0	21.3	80.3	19.743	17.3	0.0	0.0	0.0	1.3
4	17.0	26.0	20.6	79.7	18.959	16.7	0.0	0.0	0.0	3.5
5	15.0	28.0	20.7	73.7	17.285	15.0	0.0	8.0	8.0	10.1
6	18.0	27.3	22.6	67.3	17.637	15.4	0.0	0.0	0.0	4.6
7	18.0	26.0	20.4	78.5	19.047	16.7	12.7	9.0	21.7	5.2
8	15.3	27.0	21.8	75.5	18.708	16.3	0.0	3.4	3.4	1.3
9	16.0	27.0	21.6	74.0	18.783	16.5	0.1	0.0	0.1	4.9
10	16.0	29.0	21.2	75.5	19.129	16.8	3.0	29.0	32.0	8.2
11	17.0	26.8	22.1	79.0	20.681	18.0	0.1	24.7	24.8	4.1
12	17.0	24.0	20.2	85.8	20.276	17.7	0.0	0.0	0.0	0.0
13	16.0	27.2	21.9	75.5	19.396	17.0	0.1	4.8	4.9	7.4
14	17.7	26.0	22.0	80.1	20.722	18.0	0.0	30.7	30.7	4.3
15	16.8	26.0	20.8	77.8	19.073	16.7	0.0	0.4	0.4	3.2
16	18.0	25.0	19.4	91.7	20.742	18.1	9.1	0.7	9.8	1.2
17	18.0	26.0	20.4	81.9	19.609	17.1	9.2	5.9	15.1	0.9
18	16.6	26.2	20.8	83.5	20.187	17.6	1.4	102.8	104.2	2.3
19	15.9	26.3	19.8	81.7	18.798	16.5	9.0	6.5	15.5	4.1
20	16.8	24.0	19.2	88.6	19.703	17.2	2.5	0.8	3.3	0.5
21	17.0	27.0	20.8	77.0	18.794	16.5	0.3	0.0	0.3	1.9
22	17.0	26.4	21.6	72.3	18.218	16.1	0.3	19.3	19.6	8.6
23	16.0	27.0	20.0	78.6	18.176	16.0	0.0	24.9	24.9	6.4
24	17.0	27.0	21.1	83.4	20.558	17.9	0.7	7.8	8.5	1.9
25	17.5	26.0	20.9	80.6	19.870	17.4	0.3	2.9	3.2	1.2
26	17.8	27.0	21.4	77.3	19.340	16.9	0.2	2.3	2.5	5.3
27	18.0	27.0	22.8	73.5	19.422	17.0	1.7	18.2	19.9	4.0
28	18.0	26.0	19.9	87.1	20.629	18.0	41.2	20.5	61.7	2.4
29	16.0	25.0	19.9	88.7	20.286	17.7	0.1	0.0	0.1	1.4
30	17.7	25.0	19.8	83.3	19.615	17.2	3.5	7.3	10.8	2.6
31	16.6	25.3	18.7	84.0	18.338	16.1	22.5	30.0	52.5	3.0
Prom.	16.9	26.3	20.8	79.7	19.307	16.9	118.1	366.7	484.8	120.7

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.8	26.0	19.0	90.9	19.804	17.3	2.6	0.0	2.6	1.4
2	17.0	26.0	20.8	75.0	17.709	15.5	0.5	20.0	20.5	5.1
3	16.0	23.0	17.9	89.6	18.748	16.5	3.2	1.2	4.4	0.0
4	16.8	27.0	20.5	71.6	16.917	14.9	0.0	0.0	0.0	8.4
5	14.0	27.0	21.6	67.5	16.328	14.2	0.0	0.0	0.0	9.2
6	18.0	26.5	22.3	72.6	18.875	16.6	0.0	0.4	0.4	8.4
7	19.0	26.0	21.4	82.0	20.727	18.0	0.0	38.7	38.7	2.4
8	17.0	26.0	20.4	79.3	18.867	16.6	0.2	0.0	0.2	3.6
9	16.0	29.0	21.6	74.7	18.617	16.3	0.0	1.5	1.5	7.8
10	18.0	27.0	20.8	75.6	18.653	16.4	11.6	0.0	11.6	5.2
11	18.0	27.0	22.1	74.8	19.227	16.8	0.2	1.3	1.5	5.9
12	17.7	28.0	22.5	67.1	17.737	15.6	0.1	1.0	1.1	9.3
13	16.0	28.0	22.2	74.2	18.961	16.6	0.0	0.0	0.0	5.9
14	18.0	27.0	20.8	81.6	20.096	17.5	0.1	5.2	5.3	3.2
15	18.0	26.6	21.8	76.6	19.718	17.2	0.0	0.0	0.0	4.8
16	17.4	29.0	22.3	73.0	19.121	16.8	0.0	2.8	2.8	8.2
17	17.4	27.0	21.5	74.4	18.455	16.2	0.0	32.4	32.4	5.0
18	17.0	23.0	19.7	85.0	19.398	17.0	0.6	2.9	3.5	1.2
19	17.0	20.2	18.3	92.5	19.670	17.2	1.4	0.0	1.4	0.0
20	15.0	26.0	20.7	74.0	17.472	15.3	2.7	10.3	13.0	4.4
21	16.5	25.0	21.2	81.3	20.167	17.6	0.0	0.0	0.0	2.2
22	17.0	26.0	22.3	76.9	19.992	17.5	0.0	5.1	5.1	5.7
23	16.8	25.0	20.6	77.7	18.488	16.2	0.1	0.5	0.6	3.2
24	18.0	26.0	21.2	75.7	18.768	16.5	0.0	0.0	0.0	6.7
25	17.3	27.0	21.7	72.5	18.554	16.3	0.0	0.0	0.0	7.0
26	16.4	28.0	21.6	67.1	16.838	14.8	0.0	2.7	2.7	8.1
27	15.8	26.0	20.8	77.2	18.550	16.3	0.0	0.0	0.0	6.5
28	15.0	27.0	21.4	74.3	17.967	15.7	0.0	35.4	35.4	3.0
29	17.0	25.0	21.3	78.6	19.377	17.0	0.5	0.9	1.4	5.9
30	17.3	26.0	20.6	78.0	18.612	16.3	0.4	2.7	3.1	4.7
Prom.	16.9	26.2	21.0	77.0	18.747	16.4	24.2	165.0	189.2	152.4

Estación RAFAEL ESPIR

Municipio SUPIA

Año 1.971

Altitud 1.330 metros

Latitud 5-28 N.

Longitud 75-38 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	28.0	20.9	81.2	19.735	17.3	0.0	0.0	0.0	3.5
2	17.0	26.0	20.8	83.4	20.446	17.9	0.2	0.0	0.2	3.3
3	17.1	27.0	21.3	81.1	20.166	17.5	0.3	1.4	1.7	4.2
4	17.0	26.0	20.9	83.5	20.439	17.9	1.4	0.0	1.4	2.7
5	17.0	26.8	22.0	79.5	20.316	17.7	0.0	18.9	18.9	5.4
6	16.5	22.0	19.2	88.0	19.583	17.2	0.2	0.0	0.2	0.0
7	15.9	26.4	21.1	68.1	16.242	14.3	0.1	14.0	14.1	7.4
8	17.0	26.0	21.4	74.3	18.364	16.1	0.1	4.6	4.7	5.1
9	17.0	28.0	21.2	75.5	18.926	16.6	0.1	4.1	4.2	5.2
10	17.4	27.0	21.4	77.8	19.668	17.2	0.1	0.0	0.1	4.5
11	17.8	28.0	22.1	78.9	20.574	17.9	0.0	0.5	0.5	3.4
12	18.5	25.0	20.6	89.6	21.987	19.0	1.4	0.0	1.4	2.8
13	18.0	27.0	21.2	82.5	20.721	18.1	0.0	27.7	27.7	8.0
14	17.6	21.0	18.4	87.8	18.697	16.4	17.1	0.0	17.1	0.0
15	16.0	26.0	21.3	77.5	19.315	17.0	0.0	49.2	49.2	2.5
16	17.0	24.0	19.4	92.5	20.930	18.2	1.6	0.4	2.0	2.9
17	17.5	23.0	20.0	86.2	20.014	17.5	0.2	31.9	32.1	2.5
18	16.8	26.0	20.6	81.6	19.545	17.2	0.2	0.4	0.6	4.9
19	17.0	26.6	20.2	86.0	20.274	17.7	3.2	0.9	4.1	2.5
20	17.5	26.0	19.6	85.6	19.756	17.3	9.2	5.1	14.3	4.0
21	17.0	25.0	20.2	79.4	18.739	16.5	0.7	0.4	1.1	7.0
22	17.0	26.0	21.1	77.6	18.726	16.4	0.0	22.1	22.1	5.2
23	17.0	28.0	20.3	80.8	19.347	17.0	0.7	0.9	1.6	3.1
24	17.0	26.6	21.6	77.3	19.499	17.1	0.0	2.0	2.0	5.7
25	18.0	24.6	20.7	78.9	18.969	16.6	2.1	38.3	40.4	1.5
26	16.6	26.0	21.4	77.9	19.500	17.1	0.2	0.0	0.2	6.9
27	17.0	27.0	22.1	72.8	18.729	16.4	0.1	0.0	0.1	9.6
28	18.6	25.0	21.1	77.3	19.106	16.7	0.0	0.0	0.0	3.5
29	17.0	24.0	19.4	87.0	19.407	17.0	0.5	19.1	19.6	4.6
30	16.8	25.0	19.9	83.8	19.423	17.0	0.9	2.1	3.0	1.2
31	17.0	26.0	21.3	78.7	19.274	16.9	0.1	2.4	2.5	7.7
Prom.	17.1	25.8	20.7	81.0	19.562	17.1	40.7	246.4	287.1	130.8

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	25.0	21.6	81.6	20.455	17.8	9.2	0.0	9.2	2.5
2	17.2	25.8	20.9	80.4	19.504	17.1	0.4	0.0	0.4	5.9
3	16.8	27.0	21.5	78.0	19.316	17.0	0.0	0.0	0.0	7.3
4	17.6	27.0	22.7	73.5	19.770	17.3	0.1	18.3	18.4	8.4
5	16.8	26.0	21.2	78.3	19.360	16.9	2.0	47.5	49.5	3.1
6	16.8	27.0	21.2	82.0	20.178	17.6	0.1	0.0	0.1	6.6
7	17.0	26.0	21.6	82.8	20.839	18.0	1.6	0.0	1.6	2.1
8	16.8	27.0	21.5	76.7	18.883	16.6	0.1	0.4	0.5	8.4
9	17.0	26.0	21.5	73.6	18.462	16.2	0.1	0.0	0.1	3.9
10	18.0	26.0	21.3	83.8	20.802	18.1	0.0	3.5	3.5	4.5
11	17.7	27.0	22.2	70.5	18.121	15.9	0.2	10.0	10.2	7.8
12	17.0	27.0	19.0	80.8	17.981	15.8	7.3	1.5	8.8	5.3
13	16.8	26.0	19.2	76.9	17.114	15.1	13.5	0.0	13.5	5.7
14	16.5	26.0	21.2	76.6	18.942	16.6	0.0	0.0	0.0	6.6
15	16.8	27.0	21.8	73.9	18.460	16.2	0.0	0.0	0.0	7.7
16	17.4	27.0	21.4	75.1	19.020	16.7	0.3	0.0	0.3	9.0
17	17.0	26.0	21.3	81.6	20.466	17.8	0.0	0.1	0.1	6.3
18	17.0	23.0	20.4	89.7	21.027	18.3	0.7	0.5	1.2	1.7
19	16.5	25.0	20.7	77.0	18.178	16.0	0.0	2.7	2.7	6.1
20	16.8	27.0	21.5	72.6	17.948	15.8	0.0	9.4	9.4	8.2
21	16.8	27.0	21.4	74.1	17.890	15.7	0.1	11.4	11.5	6.0
22	17.7	25.6	21.4	61.6	14.999	11.7	0.0	0.0	0.0	1.5
23	16.0	28.0	22.3	70.3	17.998	15.8	0.2	0.0	0.2	10.9
24	17.0	26.0	22.2	73.5	19.307	16.9	0.3	0.8	1.1	8.4
25	17.0	28.0	22.8	73.6	19.609	17.2	0.0	20.5	20.5	9.8
26	18.0	25.0	21.2	81.3	20.444	17.8	0.1	0.0	0.1	6.5
27	17.0	25.0	20.6	82.9	19.863	17.3	0.0	12.5	12.5	3.8
28	16.0	26.0	21.1	77.6	18.891	16.6	0.1	15.1	15.2	5.3
29	16.0	25.6	22.0	78.3	20.138	17.6	0.4	1.6	2.0	5.5
30	17.0	26.0	21.0	78.7	19.200	16.8	0.5	66.2	66.7	7.2
Prom.	17.0	26.2	21.3	77.2	19.106	16.7	37.3	222.0	259.3	182.0

Estación RAFAEL ESCOBAR

Municipio SUPIA

Año 1.971

Altitud 1.330 metros

Latitud 5-28 N.

Longitud 75-38 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	26.0	20.3	84.1	19.786	17.3	1.2	0.0	1.2	6.3
2	18.0	25.0	21.6	80.6	20.343	17.8	0.0	6.1	6.1	7.5
3	16.8	25.0	20.4	80.3	18.833	16.6	0.1	2.6	2.7	5.0
4	17.5	25.0	19.5	88.5	20.166	17.6	1.1	0.1	1.2	3.6
5	16.6	25.0	20.8	82.0	19.582	17.2	0.0	0.0	0.0	6.7
6	16.0	26.3	22.0	72.1	18.326	16.1	0.3	0.3	0.6	8.4
7	18.0	26.0	21.6	84.1	21.353	18.5	0.0	0.0	0.0	5.7
8	17.0	26.0	22.1	71.8	18.549	16.3	0.0	0.0	0.0	9.8
9	18.0	27.0	22.6	73.9	19.572	17.2	0.0	0.0	0.0	5.6
10	18.0	26.6	22.0	76.2	20.019	17.5	0.5	0.0	0.5	2.2
11	16.8	26.0	20.9	71.1	17.254	15.2	0.0	0.0	0.0	7.0
12	17.0	27.0	21.3	79.0	19.405	17.0	0.3	5.4	5.7	9.0
13	17.0	26.0	21.1	78.9	19.350	17.0	1.0	14.7	15.7	6.0
14	16.0	24.4	19.5	79.8	18.160	16.0	3.7	0.0	3.7	3.2
15	16.0	26.0	19.2	75.3	17.048	14.9	0.1	0.0	0.1	7.0
16	18.0	26.0	22.0	75.4	19.306	16.9	0.0	0.0	0.0	9.4
17	16.0	26.0	21.6	72.0	17.902	15.7	0.0	0.6	0.6	8.6
18	17.0	27.0	22.2	73.6	19.086	16.8	0.0	0.0	0.0	10.0
19	16.0	28.0	22.5	71.1	18.628	16.4	0.0	0.0	0.0	10.1
20	16.8	28.0	22.1	73.5	18.891	16.6	0.0	0.0	0.0	8.1
21	16.2	28.0	23.1	67.0	18.422	16.1	0.0	0.0	0.0	7.0
22	18.0	27.0	21.9	76.9	20.336	17.7	0.0	0.0	0.0	6.9
23	17.0	28.0	22.4	76.9	20.137	17.6	0.0	0.3	0.3	7.7
24	17.2	26.0	22.2	72.5	18.681	16.4	0.0	0.0	0.0	5.8
25	16.0	27.0	22.3	68.8	17.866	15.7	0.0	25.2	25.2	8.1
26	15.0	25.0	20.4	80.0	18.665	16.4	0.2	0.3	0.5	4.7
27	16.0	26.0	21.0	71.8	17.268	15.2	0.0	0.0	0.0	9.3
28	17.0	25.0	21.0	78.4	19.090	16.7	0.0	0.0	0.0	1.7
29	16.0	26.0	21.4	76.0	18.654	16.3	0.4	18.5	18.9	9.8
30	16.0	26.0	21.4	74.8	18.451	16.2	0.0	0.0	0.0	9.6
31	17.0	26.0	22.0	70.2	17.996	15.8	0.0	0.0	0.0	7.3
Prom.	16.8	26.2	21.4	76.0	18.940	16.6	8.9	74.1	83.0	217.1

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.6	26.0	21.3	77.1	18.856	16.6	0.0	0.0	0.0	6.3
2	15.6	25.0	20.8	75.4	18.019	15.8	0.0	1.7	1.7	7.3
3	16.0	26.0	21.3	73.7	18.374	16.1	0.1	1.8	1.9	8.1
4	17.0	26.0	19.4	82.8	18.606	16.3	16.6	7.2	23.8	5.4
5	16.0	23.0	19.7	82.1	18.403	16.2	0.0	0.2	0.2	4.4
6	17.6	22.0	19.5	83.3	18.627	16.4	1.1	29.8	30.9	1.9
7	16.0	26.0	20.7	75.3	17.923	15.8	0.0	5.7	5.7	8.0
8	17.0	24.0	20.0	85.3	19.598	17.2	0.0	0.0	0.0	5.0
9	15.0	27.0	21.7	74.9	18.312	16.1	0.0	0.2	0.2	10.0
10	17.0	26.0	21.1	79.9	19.576	17.1	0.0	4.2	4.2	8.0
11	17.0	26.0	21.7	74.7	18.730	16.5	0.0	19.0	19.0	9.3
12	15.0	22.0	18.4	85.1	17.723	15.6	1.8	0.0	1.8	5.0
13	15.0	24.0	20.7	78.7	18.513	16.2	0.0	2.8	2.8	8.4
14	15.0	24.0	18.4	80.6	17.014	15.0	3.5	0.0	3.5	4.9
15	15.0	25.0	17.9	83.8	17.425	15.3	0.0	3.7	3.7	5.7
16	15.0	26.0	20.8	75.4	17.670	15.6	12.4	0.4	12.8	8.6
17	16.6	25.0	20.9	78.5	18.902	16.6	0.0	9.4	9.4	6.3
18	16.0	26.0	21.1	74.3	18.080	15.9	0.1	19.3	19.4	7.0
19	16.0	26.0	20.6	78.2	18.811	16.5	0.0	2.1	2.1	6.7
20	17.0	27.0	21.0	77.1	18.700	16.4	0.3	2.5	2.8	6.8
21	17.0	24.0	21.3	76.0	18.549	16.3	0.0	0.0	0.0	7.6
22	16.6	27.0	20.9	77.3	18.475	16.2	0.0	0.0	0.0	5.0
23	17.0	28.0	22.9	67.4	17.847	15.7	0.0	17.0	17.0	9.0
24	16.4	26.0	21.8	75.4	18.825	16.6	0.0	0.0	0.0	6.0
25	18.0	27.0	21.8	80.1	20.325	17.7	0.3	22.2	22.5	4.5
26	17.0	26.0	21.4	73.0	18.224	16.0	0.0	13.7	13.7	6.1
27	16.5	24.0	19.3	86.2	19.133	16.8	0.7	8.1	8.8	1.1
28	16.0	27.0	21.2	81.8	19.896	17.2	1.6	0.2	1.8	8.2
29	17.0	27.0	21.6	76.7	19.351	17.0	0.0	0.0	0.0	7.7
30	17.0	27.0	22.4	75.3	19.832	17.4	0.0	0.0	0.0	8.1
31	17.4	28.0	22.7	72.2	19.073	16.7	0.0	19.5	19.5	9.7
Prom.	16.3	25.6	20.8	78.0	18.626	16.3	38.5	190.7	229.2	206.1

Estación RAFAEL ESCOBAR
Altitud 1.330 metros

Municipio SUPIA
Latitud 5-28 N.

Año 1.971
Longitud 75-38 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	23.0	19.4	93.4	20.755	18.1	0.2	0.3	0.5	0.0
2	16.4	26.0	19.3	80.1	17.720	15.5	7.5	0.3	7.8	7.1
3	15.6	24.0	19.8	85.2	19.295	16.9	0.6	7.8	8.4	5.7
4	16.8	24.0	20.2	81.8	18.890	16.6	0.2	0.0	0.2	2.6
5	17.0	24.0	20.0	77.6	18.023	15.9	0.0	0.4	0.4	0.0
6	16.6	23.0	19.1	81.5	17.494	15.3	3.0	0.2	3.2	3.8
7	15.4	26.0	20.4	78.3	18.413	16.1	0.5	8.1	8.6	5.3
8	16.0	24.0	19.2	86.7	19.144	16.8	1.3	5.3	6.6	2.8
9	16.0	25.0	20.8	78.4	18.512	16.2	0.1	11.6	11.7	7.3
10	16.4	24.0	20.2	77.4	17.962	15.8	1.0	0.0	1.0	4.5
11	15.0	27.0	21.7	72.1	17.460	15.2	0.0	0.0	0.0	10.6
12	16.8	26.0	22.2	73.6	18.820	16.5	0.0	16.3	16.3	9.2
13	16.6	27.0	20.3	76.8	17.885	15.7	0.0	1.8	1.8	6.3
14	17.0	26.0	21.6	73.7	18.331	16.1	0.0	12.1	12.1	8.3
15	17.0	26.0	21.3	76.3	18.688	16.4	0.1	19.8	19.9	8.5
16	16.0	26.0	20.0	81.4	18.871	16.5	1.9	10.9	12.8	6.4
17	16.0	25.0	20.4	78.5	18.375	16.2	0.0	5.7	5.7	4.1
18	17.0	24.0	20.8	81.9	19.813	17.3	2.2	5.5	7.7	0.8
19	17.6	26.5	22.1	76.5	20.085	17.6	0.0	16.3	16.3	4.8
20	16.6	26.0	20.4	85.2	20.311	17.7	1.2	0.8	2.0	8.1
21	17.0	23.0	20.2	83.7	19.682	17.2	1.2	0.0	1.2	3.3
22	16.6	27.0	21.3	81.0	19.994	17.5	0.0	0.0	0.0	7.2
23	17.0	27.0	21.6	75.4	19.156	16.8	0.0	0.8	0.8	8.2
24	16.8	27.0	21.7	73.4	18.396	16.2	0.0	0.0	0.0	7.7
25	17.0	26.0	22.7	72.2	19.087	16.8	0.0	3.9	3.9	6.6
26	18.0	26.0	20.0	79.8	19.258	16.9	5.0	0.0	5.0	4.9
27	15.6	26.0	21.0	71.8	17.198	15.1	0.1	0.0	0.1	8.9
28	17.0	27.0	21.6	79.0	19.792	17.3	0.0	5.4	5.4	6.0
29	17.0	25.0	21.5	78.9	19.572	17.1	0.1	5.2	5.3	5.3
30	17.3	27.0	20.3	81.2	19.266	16.9	0.3	4.1	4.4	5.4
Prom.	16.6	25.5	20.7	79.1	18.875	16.5	26.5	142.6	169.1	169.7

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.6	24.6	20.3	80.1	18.931	16.6	0.3	0.0	0.3	0.7
2	17.0	24.4	19.1	86.9	19.029	16.7	0.0	0.0	0.0	0.0
3	17.3	26.0	20.0	78.9	18.177	16.0	3.9	1.1	5.0	4.7
4	17.4	25.0	19.9	80.1	18.435	16.2	0.1	2.6	2.7	2.1
5	16.8	26.0	20.7	83.3	20.052	17.5	1.3	3.0	4.3	4.5
6	17.0	26.3	21.1	76.9	18.654	16.4	0.0	13.3	13.3	6.3
7	17.1	26.0	19.9	86.9	20.153	17.6	5.4	0.3	5.7	4.4
8	15.6	27.0	20.8	80.7	19.247	16.9	0.0	5.2	5.2	8.6
9	16.6	28.0	21.9	74.0	19.024	16.7	0.1	46.4	46.5	7.6
10	16.6	27.0	20.4	85.2	20.044	17.5	0.4	0.1	0.5	3.8
11	18.0	26.6	20.6	85.3	20.637	18.0	1.0	0.2	1.2	3.4
12	17.7	27.0	21.6	76.4	19.367	17.0	0.0	0.0	0.0	4.1
13	17.4	26.0	21.4	73.2	17.861	15.7	0.1	14.5	14.6	6.7
14	18.0	24.0	20.2	81.6	19.165	16.8	0.0	0.0	0.0	2.8
15	16.6	25.1	21.2	73.5	18.022	15.8	0.2	0.0	0.2	10.0
16	16.5	24.4	20.0	83.6	19.461	17.1	0.1	11.4	11.5	2.4
17	17.1	24.0	19.2	84.8	18.980	16.7	5.0	1.6	3.0	0.8
18	16.8	25.0	20.1	82.8	19.287	16.9	1.2	2.7	3.9	5.4
19	17.4	25.0	21.5	81.4	20.137	17.5	0.2	0.0	0.2	3.2
20	16.8	27.0	21.6	76.7	19.071	16.6	0.0	7.1	7.1	6.9
21	16.8	26.0	21.6	68.4	16.998	15.0	0.0	1.7	1.7	8.8
22	18.0	23.0	19.4	86.4	19.627	17.2	5.0	0.0	5.0	1.5
23	15.0	26.6	19.7	73.8	16.341	14.3	16.4	14.6	31.0	6.9
24	16.8	25.0	20.5	75.9	17.939	15.7	0.0	0.0	0.0	3.8
25	16.0	23.0	18.8	81.1	17.901	15.7	0.1	0.2	0.3	0.9
26	14.4	25.0	19.9	77.1	17.418	15.3	0.1	0.0	0.1	7.6
27	16.0	27.0	20.4	74.1	17.386	15.3	0.0	0.0	0.0	5.0
28	16.0	28.0	22.6	70.0	18.256	16.1	0.0	10.5	10.5	9.3
29	17.1	24.0	20.6	83.5	20.110	17.6	0.0	0.0	0.0	5.0
30	16.8	27.0	21.6	74.3	18.687	16.4	0.0	18.7	18.7	2.1
31	16.6	23.3	20.6	83.6	19.873	17.4	5.1	5.2	10.3	0.0
Prom.	16.8	25.6	20.6	79.4	18.847	16.5	43.2	159.2	202.8	139.3

Estación RAFAEL ESCOBAR

Municipio SUPIA

Año 1.971

Altitud 1.330 metros

Latitud 5-28 N.

Longitud 75-38 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	25.0	19.2	86.9	19.362	17.0	23.9	10.9	34.8	6.4
2	16.6	24.0	20.2	88.1	20.836	18.1	5.0	11.6	16.6	3.8
3	16.6	24.0	19.6	82.4	18.542	16.3	0.5	0.2	0.7	3.2
4	16.6	25.0	20.2	84.2	19.826	17.4	4.3	4.1	8.4	2.7
5	17.1	26.3	20.8	74.2	17.979	15.8	2.2	2.3	4.5	5.2
6	16.6	27.0	22.1	74.7	18.887	16.6	0.0	7.8	7.8	8.0
7	17.0	25.6	20.1	81.5	19.492	17.1	1.7	0.0	1.7	4.2
8	17.6	26.0	21.5	78.6	19.641	17.2	0.0	14.4	14.4	4.5
9	17.3	22.0	18.5	87.7	18.691	16.4	7.0	0.0	7.0	0.0
10	16.8	23.0	20.0	80.4	18.397	16.1	0.0	0.0	0.0	0.1
11	15.5	25.0	19.9	82.6	18.829	16.5	0.0	0.0	0.0	2.6
12	17.3	27.0	20.5	82.8	19.796	17.3	1.4	0.0	1.4	7.4
13	17.0	25.1	19.5	74.5	17.072	15.0	0.0	6.4	6.4	10.2
14	18.0	25.0	20.9	83.7	20.498	17.9	0.0	0.5	0.5	2.8
15	17.4	25.0	21.8	77.2	19.659	17.2	0.0	3.5	3.5	4.3
16	18.0	27.0	21.2	78.2	19.511	17.1	0.0	2.2	2.2	4.4
17	17.0	26.0	21.0	77.2	19.023	16.7	2.4	22.0	24.4	3.1
18	15.9	23.6	20.2	70.9	16.580	14.5	0.0	0.0	0.0	6.0
19	15.0	23.0	18.9	79.5	17.033	15.0	0.2	0.0	0.2	2.7
20	17.0	28.0	19.8	77.6	17.776	15.6	0.0	0.0	0.0	8.0
21	16.8	25.0	20.5	75.0	17.456	15.3	0.0	0.0	0.0	7.1
22	16.0	26.0	20.8	73.5	17.678	15.5	0.0	0.0	0.0	7.9
23	16.4	26.4	21.0	72.4	17.554	15.5	0.0	0.6	0.6	10.8
24	16.5	25.0	19.9	76.3	17.609	15.5	0.1	11.7	11.8	5.6
25	16.6	24.0	20.2	78.0	18.286	16.1	0.4	15.4	15.8	4.9
26	17.0	25.0	20.6	75.7	18.071	15.9	1.2	16.2	17.4	4.3
27	15.0	25.0	20.2	72.1	16.734	14.7	4.6	0.0	4.6	8.7
28	15.9	24.6	20.1	80.9	18.955	16.7	0.0	0.0	0.0	2.7
29	14.6	24.3	19.7	82.3	18.675	16.4	0.0	0.0	0.0	9.3
30	16.0	27.0	21.9	72.9	18.813	16.5	0.4	0.0	0.4	8.8
Prom.	16.6	25.1	20.4	78.7	18.575	16.3	55.3	129.8	185.1	159.7

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	25.0	21.4	76.3	19.062	16.8	0.0	0.0	0.0	6.1
2	18.0	26.0	21.1	75.4	18.752	16.5	0.0	0.0	0.0	4.2
3	17.0	27.0	20.7	76.9	18.301	16.1	0.0	0.0	0.0	6.0
4	16.5	26.3	21.2	71.2	17.741	15.6	0.0	0.0	0.0	7.2
5	16.4	25.8	22.6	71.9	18.633	16.2	0.0	0.0	0.0	9.8
6	16.0	28.0	22.4	72.4	18.678	16.4	0.0	0.0	0.0	9.2
7	18.0	29.0	22.3	72.6	18.849	16.5	0.0	0.0	0.0	9.1
8	17.3	26.0	21.4	75.5	18.953	16.7	0.0	0.0	0.0	1.1
9	17.3	26.6	21.8	71.8	18.399	16.2	0.0	0.0	0.0	5.7
10	18.0	27.6	22.9	70.9	19.182	16.8	0.0	0.0	0.0	5.3
11	17.0	27.7	22.2	74.4	19.281	16.9	0.0	0.0	0.0	6.2
12	16.4	29.0	22.1	72.4	18.414	16.2	0.0	0.0	0.0	8.8
13	16.0	28.0	22.2	69.2	17.910	15.7	0.0	0.0	0.0	7.3
14	17.0	28.0	21.9	71.3	18.147	16.0	0.0	0.0	0.0	5.9
15	17.3	30.0	23.0	65.9	17.722	15.6	0.0	0.0	0.0	7.1
16	18.0	26.6	21.7	73.7	18.969	16.7	0.0	0.0	0.0	3.2
17	16.0	26.0	20.4	77.9	18.346	16.1	0.0	0.0	0.0	4.0
18	17.0	27.0	21.2	77.7	19.577	17.2	0.0	0.0	0.0	2.2
19	16.0	27.0	22.1	69.7	17.611	15.5	0.0	0.0	0.0	10.1
20	18.0	27.4	22.5	67.4	18.125	15.9	0.1	0.0	0.1	7.2
21	17.3	25.5	20.1	78.0	18.270	16.1	0.3	0.0	0.3	1.6
22	16.5	25.0	20.0	75.9	17.643	15.5	0.9	22.9	23.8	3.1
23	16.2	23.0	18.4	84.6	17.912	15.8	2.3	0.5	2.8	0.0
24	16.0	25.2	20.2	74.9	17.387	15.3	0.2	1.4	1.6	4.8
25	17.0	25.0	21.3	73.1	18.157	16.0	0.0	7.7	7.7	5.3
26	17.1	27.0	22.1	72.7	18.695	16.4	3.9	5.0	8.9	8.5
27	17.0	25.0	21.1	72.0	17.510	15.4	0.0	3.2	3.2	4.2
28	17.0	26.1	20.6	76.9	18.525	16.3	0.0	19.9	19.9	5.5
29	15.0	24.4	20.5	77.0	18.116	15.9	0.0	45.5	45.5	4.1
30	16.0	25.0	19.8	76.7	17.224	15.1	0.0	0.0	0.0	3.0
31	16.0	25.0	20.7	76.9	18.346	16.1	0.0	0.0	0.0	8.1
Prom.	16.8	26.5	21.4	74.0	18.337	16.1	7.7	106.1	113.8	173.9

Estación **RAFAEL ESCOBAR**Municipio **SUPIA**Año **1.971**Altitud **1.330 Metros**Latitud **5-28 N.**Longitud **75-38 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	16.7	26.3	20.7	14.0	28.6	78.7	18.984	16.6	187.4	26	148.1
FEBRERO	16.6	26.4	20.5	15.0	29.3	77.7	18.471	16.2	214.1	23	128.7
MARZO	16.9	26.3	20.8	15.0	29.0	79.7	19.307	16.9	484.8	26	120.7
ABRIL	16.9	26.2	21.0	14.0	29.0	77.0	18.747	16.4	189.2	22	152.4
MAYO	17.1	25.8	20.7	15.9	28.0	81.0	19.562	17.1	287.1	29	130.8
JUNIO	17.0	26.2	21.3	16.0	28.0	77.2	19.106	16.7	259.3	26	182.0
JULIO	16.8	26.2	21.4	15.0	28.0	76.0	18.940	16.6	83.0	16	217.1
AGOSTO	16.3	25.6	20.8	15.0	28.0	78.0	18.626	16.3	229.2	24	206.1
SEPTIEMBRE	16.6	25.5	20.7	15.0	27.0	79.1	18.875	16.5	169.1	27	169.7
OCTUBRE	16.8	25.6	20.6	14.4	28.0	79.4	18.847	16.5	202.8	25	139.3
NOVIEMBRE	16.6	25.1	20.4	14.6	27.0	78.7	18.575	16.3	185.1	22	159.7
DICIEMBRE	16.8	26.5	21.4	15.0	30.0	74.0	18.337	16.1	113.8	10	173.9
PROMEDIO	16.8	26.0	20.9	14.9	28.3	78.0	18.865	16.5			
TOTAL									2604.9	276	1928.5

Estación LLANADAS
Altitud 1.420 metros

Municipio MANZANARES
Latitud 5-15 N.

Año 1.971
Longitud 75-08 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	26.0	20.0	81.4	18.812	16.5	0.0	0.0	0.0	1.3
2	16.5	28.0	20.9	83.0	20.608	17.9	0.0	0.0	0.0	1.9
3	16.5	25.0	20.0	84.2	19.653	17.2	1.2	14.1	15.3	1.7
4	16.0	19.0	17.5	92.4	18.642	16.4	0.5	0.0	0.5	0.0
5	15.0	26.0	19.3	79.8	17.358	15.2	0.0	15.0	15.0	0.8
6	16.0	20.0	17.7	93.5	18.931	16.6	21.0	0.7	21.7	3.5
7	16.5	27.0	19.9	82.9	19.234	16.9	10.7	3.0	13.7	0.0
8	15.0	21.5	16.5	92.7	17.982	15.8	12.4	0.8	13.2	0.2
9	15.6	20.0	17.3	96.7	19.172	16.8	3.2	63.3	66.5	1.0
10	15.0	24.0	18.5	81.6	17.242	15.1	6.7	2.1	8.8	0.8
11	15.5	27.0	19.7	84.3	19.455	17.0	0.0	49.7	49.7	5.2
12	15.8	24.0	18.9	86.8	18.808	16.5	0.0	16.8	16.8	0.4
13	16.5	24.0	19.0	82.9	18.088	15.9	0.0	0.0	0.0	2.5
14	16.0	24.2	19.2	85.8	18.984	16.7	5.2	57.1	62.3	4.6
15	15.0	23.0	18.6	82.6	17.678	15.5	0.0	25.7	25.7	1.5
16	14.8	25.0	18.8	82.9	18.443	16.2	3.4	0.0	3.4	2.7
17	16.0	22.0	18.9	85.4	18.338	16.1	0.0	0.0	0.0	3.5
18	14.0	25.0	17.3	91.7	18.148	16.0	18.0	11.6	29.6	2.4
19	15.5	24.4	18.9	86.6	19.159	16.8	0.0	11.4	11.4	2.9
20	15.0	23.3	18.3	82.1	17.048	15.0	0.0	0.0	0.0	2.3
21	14.5	26.3	19.0	85.1	19.097	16.8	0.0	0.5	0.5	1.2
22	15.9	24.0	19.2	85.0	18.605	16.3	0.0	0.0	0.0	1.1
23	16.5	23.0	18.9	84.8	18.621	16.4	0.0	9.0	9.0	4.1
24	15.0	26.2	18.5	83.6	17.625	15.5	0.8	21.8	22.6	3.1
25	14.3	22.5	18.3	84.3	17.694	15.6	0.0	0.0	0.0	0.8
26	15.5	25.0	18.8	87.0	19.223	16.8	5.3	0.0	5.3	1.8
27	16.0	23.3	19.4	85.2	19.099	16.8	0.1	28.8	28.9	1.5
28	15.8	22.6	18.7	86.1	18.446	16.2	0.0	1.2	1.2	1.9
29	16.6	22.0	19.0	89.5	19.554	17.2	4.1	10.2	14.3	0.1
30	16.1	24.0	19.7	85.6	19.654	17.2	0.0	0.0	0.0	2.6
31	16.5	24.6	19.7	76.4	17.497	15.4	0.0	2.4	2.4	4.6
Prom.	15.6	23.9	18.9	85.5	18.610	16.3	92.6	345.2	437.8	62.0

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.1	25.4	19.5	88.8	20.288	17.7	4.3	41.9	46.2	3.9
2	15.5	26.0	19.9	83.8	19.335	16.9	0.0	70.8	70.8	1.1
3	16.0	22.0	18.6	88.0	18.976	16.7	3.0	0.0	3.0	1.8
4	15.5	22.0	18.2	89.3	18.434	16.1	16.0	0.0	16.0	1.8
5	16.3	23.0	18.8	91.8	20.599	17.9	7.0	0.0	7.0	1.1
6	13.6	25.5	18.7	78.6	16.673	14.6	0.0	0.0	0.0	3.5
7	14.5	25.5	19.2	79.9	17.571	15.4	5.0	1.9	6.9	5.0
8	15.4	25.0	19.7	87.5	19.712	17.2	0.0	0.0	0.0	4.0
9	16.0	22.5	17.8	93.5	19.071	16.7	0.0	0.0	0.0	2.9
10	15.5	21.2	17.5	93.3	18.628	16.4	0.0	0.0	0.0	1.1
11	14.0	24.6	19.2	81.8	17.980	15.7	0.0	0.7	0.7	6.1
12	14.5	24.8	19.5	88.2	19.665	17.1	3.9	38.0	41.9	1.5
13	15.5	22.5	18.9	80.3	17.055	14.9	0.0	19.2	19.2	0.7
14	15.5	23.2	18.7	83.2	17.599	15.4	1.0	0.0	1.0	0.3
15	16.0	24.5	19.4	80.7	17.892	15.7	0.6	12.5	13.1	2.5
16	15.5	24.0	18.9	82.2	17.735	15.6	0.0	21.8	21.8	0.2
17	15.0	24.0	19.0	77.6	16.699	14.6	0.0	11.4	11.4	0.7
18	16.5	24.2	19.5	80.3	17.880	15.6	2.5	33.3	35.8	0.8
19	16.5	22.3	18.4	91.1	19.206	16.9	2.8	7.3	10.1	1.0
20	15.5	25.0	19.4	81.1	18.109	15.9	0.2	17.8	18.0	2.4
21	14.8	25.0	18.7	77.2	16.329	14.2	0.0	26.9	26.9	0.0
22	14.4	25.0	18.4	82.4	17.244	15.1	3.9	0.0	3.9	0.1
23	14.8	25.0	18.9	77.2	16.977	14.9	0.0	0.0	0.0	3.3
24	15.5	26.4	18.8	61.5	13.014	10.5	0.0	0.0	0.0	7.2
25	17.0	28.0	21.6	71.0	18.258	16.1	0.0	0.2	0.2	8.7
26	16.0	25.5	19.1	79.6	17.348	15.2	0.0	18.2	18.2	8.1
27	17.5	27.3	20.7	69.2	16.917	14.9	1.5	0.0	1.5	1.3
28	15.5	26.5	20.4	72.5	17.147	15.1	0.0	0.0	0.0	0.3
Prom.	15.6	24.5	19.1	81.8	17.941	15.7	51.7	321.9	373.6	71.4

Estación LLANADAS

Municipio MANZANARES

Año 1.971

Altitud 1.420 metros

Latitud 5-15 N.

Longitud 75-08 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	18.0	15.7	89.8	16.194	14.2	5.4	0.0	5.4	3.4
2	16.0	25.0	19.2	78.3	17.643	15.5	0.0	0.0	0.0	4.3
3	15.5	25.4	19.5	77.1	17.533	15.4	22.9	32.8	55.7	3.7
4	15.5	27.0	19.5	74.9	16.914	14.8	0.5	0.0	0.5	2.3
5	14.8	26.3	19.5	79.1	18.141	15.8	0.0	0.0	0.0	6.0
6	14.8	25.5	19.7	76.9	17.735	15.6	0.0	0.0	0.0	0.4
7	15.5	22.0	18.2	78.0	16.041	13.8	0.3	2.3	2.6	4.6
8	15.5	26.0	19.1	78.6	17.144	15.0	6.1	1.4	7.5	2.9
9	16.5	25.0	19.6	76.1	17.441	15.3	0.0	18.8	18.8	4.0
10	15.6	27.0	20.4	78.0	18.217	15.8	0.0	9.1	9.1	3.1
11	16.0	25.0	20.0	86.8	20.326	17.7	0.5	10.4	10.9	2.5
12	16.0	22.0	18.4	92.2	19.564	17.1	4.6	0.0	4.6	0.0
13	16.0	25.4	19.6	84.0	19.059	16.7	0.0	27.5	27.5	4.5
14	16.0	26.0	19.8	82.9	18.722	16.4	1.3	47.2	48.5	5.4
15	15.0	25.4	20.0	77.0	17.385	15.2	0.4	0.4	0.8	1.9
16	16.5	25.0	19.2	84.3	18.534	16.2	16.4	7.4	23.8	0.9
17	16.6	24.8	19.6	86.8	19.801	17.3	22.9	21.9	44.8	1.5
18	15.8	24.4	19.2	91.9	20.429	17.8	0.3	5.0	5.3	2.4
19	16.0	25.0	19.3	83.9	18.538	16.2	0.7	35.2	35.9	3.3
20	16.0	21.6	17.9	93.0	19.285	16.9	6.9	8.1	15.0	2.5
21	16.0	24.0	19.1	95.0	21.122	18.4	8.3	0.2	8.5	0.0
22	13.5	27.0	19.7	80.7	17.973	15.6	0.0	17.3	17.3	6.6
23	16.0	26.5	19.9	80.7	18.286	15.9	5.7	8.4	14.1	1.9
24	16.0	26.0	19.8	85.0	19.419	17.0	6.9	7.8	14.7	2.2
25	16.0	27.0	20.0	86.2	19.996	17.5	20.3	11.6	31.9	4.8
26	14.9	25.6	19.3	86.8	19.318	16.8	0.0	0.0	0.0	4.3
27	16.4	25.6	20.3	81.4	19.394	17.0	2.2	0.3	2.5	5.4
28	16.8	25.4	19.0	88.7	19.372	17.0	2.8	17.2	20.0	2.1
29	15.6	24.8	19.0	81.3	17.417	15.2	1.6	0.0	1.6	1.2
30	16.3	22.8	18.9	95.2	20.864	18.1	4.1	9.8	13.9	0.0
31	16.0	23.0	18.5	86.4	18.345	16.1	0.8	3.9	4.7	0.0
Prom.	15.7	24.8	19.3	83.8	18.586	16.2	141.9	304.0	445.9	88.1

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.4	19.2	17.0	100.0	19.367	17.0	15.3	1.2	16.5	0.0
2	14.6	23.6	18.3	86.8	18.032	15.8	3.0	6.4	9.4	2.3
3	16.0	21.5	17.6	91.5	18.468	16.3	6.3	0.4	6.7	3.2
4	15.0	21.0	17.3	92.0	18.123	15.9	0.4	0.0	0.4	4.9
5	14.0	27.0	19.0	79.2	16.987	14.8	0.0	0.0	0.0	2.8
6	17.1	26.0	20.3	83.7	19.894	17.4	0.0	17.6	17.6	0.0
7	17.0	26.0	19.8	81.1	18.779	16.5	0.3	0.5	0.8	2.2
8	17.6	26.5	20.4	80.0	19.028	16.7	0.0	9.3	9.3	4.8
9	15.6	26.4	20.4	82.4	19.508	17.0	0.9	0.6	1.5	3.8
10	16.8	27.5	20.3	81.9	19.468	17.1	0.0	2.3	2.3	4.2
11	15.5	27.0	20.7	80.8	19.229	16.8	0.0	3.7	3.7	5.3
12	14.8	27.3	20.2	76.8	17.852	15.7	0.0	0.0	0.0	6.5
13	16.6	26.5	20.5	80.8	19.374	17.0	0.0	0.0	0.0	2.8
14	17.4	26.0	20.7	80.6	19.502	17.1	0.0	8.9	8.9	1.4
15	16.6	26.4	20.3	78.9	18.365	16.0	0.7	0.0	0.7	3.6
16	16.0	28.0	21.1	78.4	19.159	16.7	0.0	0.0	0.0	6.6
17	17.6	27.0	20.7	82.9	20.173	17.6	10.4	32.9	43.3	3.0
18	16.4	25.4	19.7	84.5	19.233	16.9	4.0	8.6	12.6	0.7
19	16.6	23.0	18.4	87.4	18.797	16.5	8.4	0.0	8.4	0.5
20	15.8	26.0	19.1	82.8	18.117	15.9	0.6	4.7	5.3	1.9
21	17.0	27.0	20.7	78.4	18.503	16.2	0.4	0.0	0.4	2.8
22	16.1	27.0	21.5	74.9	18.730	16.4	0.0	2.7	2.7	6.7
23	17.0	26.2	21.0	80.0	19.583	17.2	0.2	0.0	0.2	1.5
24	16.0	28.0	21.1	74.2	18.491	16.2	0.0	3.0	3.0	4.9
25	14.6	27.0	20.8	69.6	16.432	14.3	0.0	0.0	0.0	4.5
26	16.0	27.5	21.6	72.1	18.013	15.7	0.0	2.0	2.0	8.6
27	17.6	27.0	21.4	72.0	17.944	15.8	0.0	3.9	3.9	2.2
28	16.0	25.0	20.1	82.2	18.898	16.5	1.2	6.6	7.8	1.3
29	17.0	27.2	20.5	82.5	19.540	17.1	0.0	0.0	0.0	4.3
30	15.5	28.0	20.7	80.3	19.275	16.9	0.2	4.3	4.5	5.1
Prom.	16.2	25.9	20.0	81.3	18.762	16.4	52.3	116.6	168.9	102.4

Estación LLANADAS

Municipio MANZANARES

Año 1.971

Altitud 1.420 metros

Latitud 5-15 N.

Longitud 75-08 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	25.0	19.0	88.6	19.637	17.2	11.8	24.2	36.0	2.6
2	15.0	25.5	19.4	82.9	18.757	16.5	8.9	14.0	22.9	2.7
3	14.0	26.0	18.4	91.0	19.374	17.0	4.3	10.9	15.2	3.5
4	17.5	28.0	20.7	77.4	18.689	16.4	1.8	6.3	8.1	4.6
5	15.5	28.0	21.0	79.6	19.468	17.0	1.1	3.2	4.3	5.6
6	16.6	28.0	20.0	83.6	19.496	17.1	0.2	0.0	0.2	2.9
7	15.5	28.0	20.5	77.5	18.106	15.9	0.0	19.1	19.1	7.5
8	16.4	27.0	20.6	81.9	19.462	17.0	2.6	22.7	25.3	5.2
9	16.3	26.3	20.1	82.6	19.219	16.9	1.6	25.1	26.7	5.1
10	16.5	26.0	20.1	82.6	18.997	16.5	0.3	17.1	17.4	4.3
11	18.0	28.5	21.2	77.7	18.860	16.2	0.5	0.0	0.5	5.7
12	16.0	26.0	21.0	81.8	19.958	17.4	0.0	0.2	0.2	3.7
13	17.5	27.0	21.1	79.8	19.648	17.2	0.0	39.8	39.8	5.4
14	16.0	21.0	18.4	91.4	19.372	17.0	16.6	0.0	16.6	0.0
15	16.8	28.0	20.9	80.7	19.549	17.1	0.0	15.5	15.5	6.5
16	15.6	25.0	19.0	82.7	18.152	15.9	0.1	40.7	40.8	3.2
17	15.6	26.0	18.7	82.6	17.586	15.3	9.0	10.7	19.7	2.3
18	15.8	26.4	18.8	93.0	20.251	17.7	4.0	3.5	7.5	3.4
19	16.0	27.0	20.1	78.3	17.971	15.7	11.0	4.4	15.4	4.1
20	16.5	26.3	20.4	81.3	19.223	16.8	0.0	13.4	13.4	2.7
21	16.6	26.0	18.9	88.0	19.200	16.8	34.4	15.9	50.3	4.3
22	15.6	26.3	20.0	83.6	19.382	17.0	0.0	37.5	37.5	5.0
23	15.5	23.0	18.2	84.8	17.631	15.5	3.0	0.0	3.0	5.9
24	13.5	27.2	20.0	76.4	17.931	15.8	0.1	34.0	34.1	0.4
25	16.8	28.0	21.1	82.0	20.086	17.5	0.0	54.2	54.2	6.3
26	16.3	28.3	20.7	78.4	18.771	16.4	0.0	0.0	0.0	6.4
27	16.0	28.2	21.8	78.1	19.551	17.0	0.0	4.8	4.8	6.6
28	16.5	27.0	20.6	82.6	19.727	17.2	0.0	0.0	0.0	5.2
29	17.0	27.0	20.9	80.5	19.692	17.2	0.0	9.5	9.5	4.0
30	16.0	21.6	18.1	92.0	19.000	16.7	0.9	1.7	2.6	0.0
31	16.0	27.0	20.9	77.0	18.575	16.3	0.0	0.5	0.5	7.1
Prom.	16.1	26.4	20.0	82.6	19.075	16.7	112.2	428.9	541.1	132.2

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	27.0	20.0	74.1	17.084	14.9	0.0	0.0	0.0	5.0
2	17.6	25.0	19.5	82.5	18.536	16.1	0.0	0.0	0.0	0.9
3	15.0	27.0	20.8	70.4	17.052	14.9	0.0	0.0	0.0	5.4
4	14.0	28.4	20.7	71.4	16.839	14.7	0.0	12.5	12.5	7.8
5	16.3	26.3	20.3	83.6	19.560	17.1	0.1	4.3	4.4	0.0
6	15.9	25.5	18.9	84.4	18.355	16.1	0.0	0.0	0.0	6.7
7	13.8	29.0	20.1	69.7	15.702	13.7	5.3	0.0	5.3	1.9
8	14.0	27.0	19.9	72.9	16.269	14.1	0.0	0.0	0.0	4.8
9	16.0	27.0	20.4	76.8	18.292	16.1	0.0	0.0	0.0	0.9
10	15.6	25.4	20.1	74.0	17.210	15.1	0.0	0.0	0.0	0.2
11	14.6	28.0	20.8	79.2	18.696	16.3	0.0	5.0	5.0	8.0
12	15.2	24.0	17.3	91.6	18.128	15.9	30.0	0.1	30.1	2.5
13	14.8	25.0	19.1	81.8	18.075	15.9	0.0	0.0	0.0	4.8
14	13.7	27.0	20.1	81.4	19.378	16.9	0.0	0.0	0.0	7.4
15	15.4	27.0	20.6	75.6	17.814	15.6	0.0	28.9	28.9	1.7
16	16.3	29.0	21.8	66.9	16.514	14.0	0.0	0.0	0.0	4.3
17	16.3	28.0	21.0	72.1	17.022	14.7	0.0	0.0	0.0	4.1
18	16.4	22.0	19.4	91.1	20.499	17.9	0.2	1.7	1.9	0.4
19	15.0	26.0	19.8	80.6	18.171	15.9	0.0	20.4	20.4	5.9
20	13.4	26.6	20.0	72.6	16.264	14.1	0.0	0.0	0.0	9.5
21	14.6	27.0	20.0	75.1	17.022	14.9	0.0	-10.3	10.3	0.5
22	16.0	24.0	18.8	83.4	18.035	15.8	3.9	0.0	3.9	2.5
23	16.4	28.0	22.0	77.6	19.858	17.3	0.0	0.0	0.0	7.1
24	17.0	28.0	21.9	74.0	19.020	16.7	0.0	0.0	0.0	7.7
25	15.6	28.0	21.0	77.2	18.639	16.3	0.0	5.3	5.3	7.1
26	17.0	29.0	20.8	78.7	18.866	16.5	0.0	0.0	0.0	6.0
27	16.5	25.4	19.1	91.2	20.393	17.8	4.7	12.6	17.3	3.7
28	14.6	25.0	20.1	82.8	19.003	16.6	0.0	1.7	1.7	3.8
29	16.5	25.0	19.9	82.7	18.972	16.6	0.0	0.0	0.0	3.8
30	15.4	26.4	20.2	77.2	17.804	15.7	0.0	19.5	19.5	7.7
Prom.	15.5	26.5	20.1	78.4	18.102	15.8	44.2	122.3	166.5	132.1

Estación **LLANADA**Municipio **MANZANARES**Año **1.971**Altitud **1.420** metrosLatitud **5-15 N.**Longitud **75-08 W.****M E S - JULIO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.4	26.3	20.9	76.3	18.662	16.3	0.0	0.0	0.0	2.3
2	16.0	26.0	20.1	79.2	18.853	16.5	0.0	6.1	6.1	2.9
3	16.6	26.4	21.0	80.8	19.911	17.4	0.0	11.7	11.7	4.5
4	16.4	24.0	17.5	96.2	19.384	17.0	3.5	0.0	3.5	1.7
5	14.5	25.0	19.3	80.8	17.825	15.7	0.0	0.2	0.2	1.2
6	16.2	29.0	20.5	78.8	18.762	16.5	0.9	3.0	3.9	6.9
7	17.3	25.0	20.0	81.8	19.330	16.9	0.0	0.0	0.0	0.5
8	13.0	27.0	20.2	74.0	17.155	15.0	0.0	0.0	0.0	8.3
9	15.5	28.5	21.0	73.5	17.586	15.3	0.0	0.0	0.0	6.6
10	17.0	26.0	20.7	74.8	18.047	15.8	0.0	0.0	0.0	2.5
11	13.5	28.8	21.0	66.4	15.383	13.2	0.0	0.0	0.0	5.7
12	15.4	25.0	19.4	73.7	16.414	14.3	0.0	44.5	44.5	4.2
13	16.0	25.4	20.5	76.8	18.122	15.9	0.0	2.6	2.6	2.4
14	16.4	27.0	20.8	75.8	17.973	15.6	0.0	0.0	0.0	3.5
15	16.1	25.0	19.3	76.4	16.865	14.7	0.0	0.0	0.0	3.5
16	14.0	26.9	20.6	63.4	14.680	12.6	0.0	0.0	0.0	9.8
17	14.1	28.4	20.5	62.8	14.247	12.1	0.0	0.0	0.0	6.0
18	14.0	27.0	19.9	76.9	17.496	15.4	0.0	0.0	0.0	8.0
19	15.8	29.0	21.4	66.2	16.111	13.9	0.0	0.0	0.0	8.3
20	15.5	30.0	20.9	63.0	15.025	12.9	0.0	0.0	0.0	4.5
21	15.8	27.0	20.2	74.6	17.423	15.3	0.0	0.0	0.0	8.7
22	16.0	29.5	20.8	66.1	15.907	13.8	0.0	0.0	0.0	6.8
23	15.0	28.4	20.7	69.4	16.437	14.4	0.0	0.0	0.0	6.7
24	15.7	27.0	20.7	72.8	17.748	15.6	0.2	2.2	2.4	4.8
25	15.3	29.4	21.7	70.7	17.571	15.4	0.0	18.6	18.6	8.8
26	15.6	28.5	20.7	82.1	19.682	17.2	0.0	2.0	2.0	4.1
27	14.3	27.2	19.1	75.9	17.406	15.3	8.4	0.0	8.4	0.0
28	15.6	25.0	19.4	82.0	18.075	15.8	0.0	12.0	12.0	0.9
29	14.0	29.0	21.5	74.1	18.260	16.0	0.0	0.2	0.2	7.7
30	15.9	27.0	21.3	75.7	18.362	15.9	7.2	0.0	7.2	5.9
31	16.4	25.5	20.6	78.6	18.603	16.3	0.0	0.0	0.0	6.2
Prom.	15.5	27.1	20.4	74.8	17.526	15.3	20.2	103.1	123.3	153.9

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	26.0	19.2	75.3	16.647	14.5	0.0	7.0	7.0	0.0
2	14.4	25.0	20.0	75.3	17.149	14.9	0.0	0.5	0.5	3.0
3	15.6	27.0	20.6	73.9	17.295	15.2	13.9	47.0	60.9	5.5
4	15.4	26.3	19.5	82.6	18.338	16.1	0.0	6.3	6.3	4.4
5	14.6	22.3	18.5	86.6	18.341	16.1	0.1	0.0	0.1	0.0
6	14.4	25.0	19.2	82.6	18.063	15.9	0.0	0.0	0.0	1.4
7	15.0	27.0	20.5	72.7	16.920	14.7	0.0	0.0	0.0	5.5
8	16.4	24.0	18.9	91.3	19.924	17.5	2.4	0.0	2.4	0.9
9	13.0	29.0	19.6	75.0	17.138	14.9	0.0	0.0	0.0	6.6
10	15.6	27.4	20.3	71.9	16.643	14.6	0.0	1.8	1.8	3.1
11	15.2	27.0	20.2	75.0	16.930	14.7	0.0	4.3	4.3	5.4
12	16.0	21.3	17.7	87.4	17.851	15.7	4.1	0.0	4.1	0.7
13	13.7	26.6	19.3	77.2	16.874	14.7	0.0	0.0	0.0	6.5
14	14.6	23.0	16.3	91.4	16.976	14.9	12.4	0.0	12.4	1.7
15	13.4	27.0	20.1	78.2	17.387	15.0	2.2	0.0	2.2	2.4
16	15.0	27.3	19.9	74.2	16.944	14.9	0.0	44.3	44.3	6.3
17	15.0	27.0	20.1	78.4	17.880	15.7	0.0	49.4	49.4	5.2
18	15.0	27.0	20.1	80.6	18.387	16.1	1.1	48.4	49.5	2.1
19	14.8	25.0	19.2	90.3	20.010	17.5	0.1	1.8	1.9	3.8
20	15.7	26.0	20.2	84.8	19.820	17.3	0.0	0.3	0.3	4.7
21	14.6	24.0	19.1	85.5	18.594	16.3	0.0	16.6	16.6	2.5
22	15.4	25.0	20.1	85.7	19.699	17.2	0.0	0.0	0.0	2.6
23	15.5	26.0	20.3	80.5	18.633	16.3	0.9	31.6	32.5	5.2
24	15.2	27.0	20.3	73.0	17.209	15.1	0.0	0.0	0.0	4.8
25	15.0	26.0	21.2	74.9	18.763	16.4	0.0	8.8	8.8	2.9
26	17.0	23.0	19.5	86.7	19.608	17.2	0.0	6.8	6.8	0.0
27	16.4	24.0	19.2	86.1	18.962	16.6	0.0	0.4	0.4	0.0
28	15.6	26.0	19.4	74.6	16.879	14.8	0.0	4.3	4.3	4.0
29	14.8	26.0	20.0	79.7	18.249	16.0	0.0	0.0	0.0	0.0
30	16.0	24.0	19.6	84.0	19.345	16.9	0.0	0.4	0.4	3.2
31	14.5	29.5	20.9	79.6	19.014	16.6	0.0	12.3	12.3	4.2
Prom.	15.1	25.7	19.6	80.5	18.080	15.8	37.2	292.3	329.5	98.6

Estación LLANADAS

Municipio MANZANARES

Año 1.971

Altitud 1.420 metros

Latitud 5-15 N.

Longitud 75-08 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	25.0	19.0	86.8	19.240	16.9	10.5	0.6	11.1	0.0
2	15.5	26.0	19.4	82.0	18.109	15.9	10.6	4.5	15.1	4.0
3	16.6	25.0	19.3	85.8	19.307	16.9	0.0	0.7	0.7	1.4
4	14.5	29.0	20.3	84.9	20.418	17.8	0.0	0.0	0.0	2.7
5	15.5	28.0	19.9	74.2	17.502	15.3	0.0	10.0	10.0	0.0
6	14.0	26.0	19.2	84.5	18.995	16.7	8.9	0.7	9.6	2.6
7	14.0	26.0	19.0	82.4	17.853	15.7	0.0	8.3	8.3	4.8
8	15.8	26.0	19.7	77.7	17.657	15.5	0.0	0.0	0.0	2.5
9	16.0	25.0	19.7	83.2	18.942	16.6	1.5	52.5	54.0	0.4
10	15.0	25.4	19.6	78.1	17.514	15.4	0.0	0.0	0.0	2.7
11	14.5	29.0	19.5	72.3	16.160	14.0	0.0	0.0	0.0	7.3
12	16.0	27.0	18.8	76.0	16.239	14.2	0.0	27.8	27.8	2.3
13	15.5	24.0	18.3	79.9	16.721	14.7	0.0	0.0	0.0	2.2
14	15.6	26.0	19.8	78.2	17.799	15.5	0.0	40.1	40.1	4.0
15	15.8	27.0	20.0	78.8	17.881	15.6	0.6	1.1	1.7	1.3
16	16.6	25.0	18.9	85.2	18.692	16.4	0.0	8.3	8.3	0.0
17	16.5	25.5	19.8	83.4	19.205	16.8	0.0	0.0	0.0	1.8
18	16.5	25.0	19.6	81.2	18.284	16.0	1.6	7.2	8.8	1.3
19	16.4	22.0	19.0	85.0	18.435	16.0	0.0	0.7	0.7	2.8
20	16.5	26.0	19.5	73.0	16.351	14.3	0.0	3.7	3.7	0.0
21	16.0	28.0	20.8	81.7	19.849	17.4	6.8	0.0	6.8	1.8
22	15.6	22.2	18.8	82.5	17.624	15.4	0.0	0.0	0.0	5.6
23	15.6	29.0	20.6	72.9	17.314	15.3	0.0	0.0	0.0	4.9
24	16.8	28.0	20.0	74.4	16.855	14.7	0.0	0.0	0.0	3.6
25	14.9	25.5	19.4	72.3	16.221	14.2	0.0	11.0	11.0	3.2
26	16.4	26.6	19.5	78.8	17.758	15.6	0.0	0.0	0.0	4.5
27	15.0	25.5	19.0	83.1	18.280	16.1	14.9	0.0	14.9	5.8
28	15.5	26.0	19.2	77.6	17.012	14.9	0.0	2.5	2.5	4.7
29	16.1	29.0	21.3	79.2	19.062	16.5	5.2	43.4	48.6	5.9
30	16.1	26.0	19.9	80.0	18.441	16.2	1.6	6.9	8.5	3.5
Prom.	15.7	26.1	19.6	79.8	17.991	15.8	62.2	230.0	292.2	87.6

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.9	21.0	17.1	93.4	18.505	16.3	4.4	0.0	4.4	0.0
2	14.5	22.0	18.1	86.5	17.821	15.6	29.3	0.1	29.4	0.0
3	14.6	22.0	16.2	95.3	17.493	15.4	17.2	0.0	17.2	0.5
4	14.8	26.0	18.8	87.5	19.059	16.7	0.9	16.4	17.3	1.8
5	15.6	27.0	20.3	82.7	19.419	17.0	0.0	13.0	13.0	7.3
6	15.6	27.0	20.7	81.4	19.768	17.3	0.0	19.0	19.0	0.3
7	14.9	26.0	19.0	83.1	18.051	15.9	0.0	0.0	0.0	3.8
8	16.0	26.0	19.8	82.0	18.546	16.2	1.9	0.0	1.9	6.3
9	16.0	28.0	20.4	77.3	18.105	15.9	0.0	11.3	11.3	7.3
10	15.6	26.0	19.8	83.9	19.627	17.2	0.1	16.5	16.6	3.8
11	15.0	26.0	19.2	84.2	18.594	16.3	0.0	0.0	0.0	2.3
12	14.8	24.6	19.4	82.7	18.295	16.1	3.9	12.9	16.8	3.3
13	15.5	26.0	19.6	81.5	18.850	16.5	0.0	1.0	1.0	2.6
14	16.5	26.0	19.8	86.6	19.846	17.4	0.7	0.0	0.7	4.2
15	15.5	25.3	19.8	82.0	18.745	16.4	0.0	5.0	5.0	5.4
16	16.0	24.6	19.5	79.8	17.853	15.6	0.0	0.1	0.1	2.9
17	15.8	26.0	19.9	82.6	19.196	16.8	0.2	0.0	0.2	3.6
18	16.0	25.0	19.5	76.7	17.220	15.1	0.0	29.8	29.8	3.3
19	15.1	26.6	19.5	83.4	18.544	16.1	0.0	15.5	15.5	2.0
20	16.6	27.0	20.0	85.6	19.804	17.3	1.2	26.1	27.3	3.4
21	15.6	27.0	20.3	84.5	20.222	17.7	0.0	0.0	0.0	4.6
22	15.8	25.0	19.1	84.4	18.714	16.4	6.2	0.7	6.9	0.2
23	16.5	23.0	19.2	82.0	18.325	16.0	2.6	6.9	9.5	3.2
24	15.8	26.0	19.8	85.7	19.642	17.2	0.7	0.1	0.8	1.1
25	16.0	25.0	19.4	89.2	20.213	17.7	1.2	9.3	10.5	1.2
26	15.6	29.0	19.0	79.3	17.418	15.3	7.9	2.1	10.0	2.4
27	15.1	22.0	18.4	84.1	17.850	15.7	4.0	0.3	4.3	3.3
28	15.1	24.0	19.6	85.2	19.297	16.9	4.1	3.4	7.5	1.6
29	16.6	27.0	20.3	77.7	18.078	15.8	0.0	21.9	21.9	0.2
30	14.5	21.0	17.6	85.0	17.230	15.2	6.6	7.1	13.7	0.0
31	16.0	25.0	19.1	88.9	19.823	17.3	0.1	1.3	1.4	0.0
Prom.	15.6	25.2	19.3	84.0	18.715	16.4	93.2	219.8	313.0	81.9

Estación LLANADAS

Municipio MANZANARES

Año 1.971

Altitud 1.420 metros

Latitud 5-15 N.

Longitud 75-08 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.8	22.0	18.7	82.9	17.817	15.6	2.5	1.2	3.7	1.6
2	16.0	22.0	18.3	89.2	18.749	16.5	17.8	3.5	21.3	0.3
3	16.5	20.0	17.3	92.8	18.381	16.2	0.2	13.0	13.2	0.4
4	16.4	23.0	18.8	89.5	19.556	17.1	2.7	0.0	2.7	2.2
5	17.0	22.0	18.8	84.8	18.643	16.4	0.0	0.0	0.0	4.1
6	16.0	25.0	19.3	81.6	17.995	15.8	0.0	0.5	0.5	4.4
7	16.3	24.0	19.5	87.8	20.020	17.5	0.0	28.9	28.9	5.7
8	16.8	23.0	18.8	83.4	18.033	15.8	0.0	20.0	20.0	2.3
9	16.0	22.0	17.5	87.3	17.374	15.3	1.3	0.0	1.3	0.5
10	15.5	23.6	19.1	84.0	18.684	16.4	0.0	0.0	0.0	2.1
11	14.3	23.0	18.6	82.5	17.637	15.5	0.0	0.0	0.0	2.4
12	14.0	25.0	19.6	76.5	17.719	15.2	0.0	2.2	2.2	5.9
13	15.6	26.5	19.7	87.8	20.308	17.7	0.0	8.0	8.0	5.2
14	15.0	25.0	18.3	90.6	18.957	16.6	4.7	3.3	8.0	3.3
15	13.6	24.6	19.3	83.5	18.859	16.5	0.1	0.1	0.2	5.2
16	14.9	23.0	19.3	72.6	16.150	13.9	0.2	1.7	1.9	3.8
17	15.4	23.0	18.0	89.9	18.643	16.4	1.0	10.3	11.3	2.2
18	14.8	23.3	17.7	77.7	15.777	13.8	10.5	0.8	11.3	4.7
19	14.4	21.5	16.6	83.3	15.812	13.8	1.2	0.5	1.7	0.9
20	14.3	20.0	16.5	88.2	16.667	14.6	0.0	0.2	0.2	0.7
21	13.0	20.0	16.1	85.1	15.558	13.6	0.1	2.6	2.7	0.6
22	13.0	22.0	17.7	82.1	16.381	14.4	0.0	0.0	0.0	2.8
23	13.8	24.0	18.8	71.8	15.555	13.6	1.7	48.0	49.7	6.7
24	13.6	25.0	19.0	75.1	16.464	14.4	0.1	8.4	8.5	7.1
25	13.3	26.0	19.8	79.5	18.154	16.0	0.0	3.8	3.8	5.7
26	14.1	23.3	18.5	77.7	16.339	14.2	0.0	21.0	21.0	4.4
27	13.4	23.0	18.0	70.5	14.292	12.2	0.0	0.0	0.0	5.3
28	14.0	25.0	17.8	88.8	18.273	16.1	9.3	0.0	9.3	0.0
29	16.0	25.0	19.7	76.5	17.647	15.5	0.0	0.0	0.0	5.5
30	14.0	24.6	19.8	75.3	17.482	15.4	0.0	2.6	2.6	0.2
Prom.	14.9	23.3	18.5	82.6	17.598	15.4	53.4	180.6	234.0	96.2

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	26.0	19.8	78.5	17.664	15.5	0.0	0.3	0.3	4.3
2	16.0	25.0	19.2	81.8	18.248	16.1	0.0	1.8	1.8	2.7
3	15.1	25.3	18.6	86.3	18.684	16.3	0.5	5.8	6.3	3.3
4	16.5	23.0	18.6	88.9	19.224	16.9	0.0	0.0	0.0	0.0
5	16.0	24.0	19.2	79.8	17.657	15.5	1.8	0.3	2.1	4.2
6	15.4	23.0	18.8	85.5	18.817	16.5	0.0	0.0	0.0	5.2
7	17.0	26.0	19.8	76.7	17.684	15.5	0.0	0.0	0.0	6.8
8	16.0	26.0	19.5	80.0	18.572	16.2	0.0	0.0	0.0	4.6
9	16.0	25.0	19.4	83.6	19.044	16.7	0.0	0.0	0.0	0.5
10	15.1	22.3	18.3	86.2	18.335	16.1	0.0	3.7	3.7	1.6
11	15.6	27.5	19.9	78.1	17.873	15.6	6.2	0.0	6.2	4.2
12	16.0	24.0	18.4	89.4	19.101	16.8	0.0	6.8	6.8	3.5
13	16.0	22.0	18.5	85.4	18.143	15.9	0.0	0.4	0.4	3.9
14	17.0	25.1	20.0	82.4	19.086	16.7	0.0	0.4	0.4	2.5
15	16.0	26.1	19.2	76.5	17.276	15.2	0.2	2.8	3.0	4.4
16							1.2	0.2	1.4	2.5
17							8.8	0.0	8.8	2.4
18							0.2	0.0	0.2	0.0
19							0.0	1.4	1.4	2.4
20							1.1	4.7	5.8	0.0
21							4.5	5.5	10.0	0.9
22	17.1	25.0	19.3	85.2	19.275	16.9	0.0	9.8	9.8	1.0
23	16.8	23.6	19.4	69.1	15.525	13.5	0.0	0.0	0.0	0.8
24	16.8	20.0	18.3	83.4	17.640	15.5	9.6	0.0	9.6	0.0
25	17.0	20.0	17.4	88.7	17.777	15.6	8.3	3.1	11.4	0.5
26	16.6	20.6	18.2	85.1	17.771	15.6	1.3	7.5	8.8	0.0
27	17.1	23.0	19.5	79.2	18.014	15.9	0.4	4.7	5.1	0.0
28	16.0	24.2	18.4	81.6	17.664	15.5	0.0	0.0	0.0	0.1
29	15.0	25.0	19.5	81.6	18.451	16.2	0.0	12.0	12.0	5.1
30	16.0	23.3	18.8	76.2	16.500	14.5	0.0	0.3	0.3	1.2
31	16.6	21.0	18.5	81.2	17.441	15.3	0.0	2.1	2.1	3.7
Prom.	17.1	23.1	19.3	84.8	19.273	16.9	0.0	0.9	0.9	7.0
Prom.							44.1	74.3	118.4	79.3

Estación **LLANADAS**
 Altitud **1.420** Metros

Municipio **MANZANARES**
 Latitud **5-15 N.**

Año **1.971**
 Longitud **75-08 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	15.6	23.9	18.9	14.0	28.0	85.5	18.610	16.3	437.8	23	62.0
FEBRERO	15.6	24.5	19.1	13.6	28.0	81.8	17.941	15.7	373.6	21	71.4
MARZO	15.7	24.8	19.3	13.5	27.0	83.8	18.586	16.2	445.9	27	88.1
ABRIL	16.2	25.9	20.0	14.0	28.0	81.3	18.762	16.4	168.9	23	102.4
MAYO	16.1	26.4	20.0	13.5	28.5	82.6	19.075	16.7	541.1	29	132.2
JUNIO	15.5	26.5	20.1	13.4	29.0	78.4	18.102	15.8	166.5	14	132.1
JULIO	15.5	27.1	20.4	13.0	30.0	74.8	17.526	15.3	123.3	14	153.9
AGOSTO	15.1	25.7	19.6	13.0	29.5	80.5	18.080	15.8	329.5	24	98.6
SEPTIEMBRE	15.7	26.1	19.6	14.0	29.0	79.8	17.991	15.8	292.2	20	87.6
OCTUBRE	15.6	25.2	19.3	14.5	29.0	84.0	18.715	16.4	313.0	28	81.9
NOVIEMBRE	14.9	23.3	18.5	13.0	26.5	82.6	17.598	15.4	234.0	24	96.2
DICIEMBRE				15.0	27.5				118.4	25	79.3
PROMEDIO											
TOTAL									3544.2	272	1185.7

Estación **AGRONOMIA**Municipio **MANIZALES**Año **1.971**Altitud **2.150** metrosLatitud **5-04 N.**Longitud **75-31 W.****M E S - ENERO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.8	20.8	16.6	73.9	14.200	12.2	0.5	0.2	0.7	4.4
2	14.1	22.0	16.5	75.3	14.209	12.2	0.0	0.0	0.0	4.4
3	12.4	22.0	16.8	75.7	14.535	12.5	0.1	5.6	5.7	4.2
4	12.4	17.0	15.0	79.8	13.724	11.6	1.3	0.0	1.3	0.1
5	12.0	21.0	15.6	80.7	15.100	12.6	21.5	0.0	21.5	0.8
6	13.8	20.0	15.8	84.6	15.137	13.1	6.9	37.0	43.9	0.8
7	13.8	18.6	15.1	93.4	16.188	14.2	10.7	11.7	22.4	3.1
8	13.6	20.5	16.3	84.8	15.918	13.9	7.5	4.6	12.1	5.4
9	12.9	20.3	16.0	78.3	14.380	12.4	1.3	20.2	21.5	2.7
10	12.4	22.2	16.3	86.6	16.652	14.4	18.5	0.0	18.5	4.8
11	12.8	20.9	15.4	77.5	13.706	11.7	0.0	0.0	0.0	4.6
12	11.5	23.2	17.4	70.1	13.613	11.4	0.0	17.1	17.1	9.6
13	13.4	19.8	15.9	70.3	12.484	10.1	0.0	0.0	0.0	3.9
14	11.0	23.2	16.8	70.5	13.354	11.3	0.0	0.0	0.0	7.4
15	13.9	22.2	17.4	72.0	14.194	12.1	0.0	11.4	11.4	5.2
16	13.2	20.0	15.0	83.6	14.514	12.5	7.0	0.0	7.0	4.1
17	10.0	22.3	16.8	73.5	14.039	12.0	0.0	22.0	22.0	8.5
18	10.0	21.0	15.6	76.9	13.147	11.0	6.0	0.0	6.0	5.1
19	12.5	21.5	15.8	78.8	14.079	12.0	16.1	5.1	21.2	2.2
20	12.4	20.0	15.2	75.8	12.972	10.8	0.7	0.4	1.1	1.8
21	12.2	21.0	16.6	77.7	14.384	12.3	2.0	0.0	2.0	6.7
22	12.8	22.2	17.1	73.9	14.078	12.0	0.0	0.0	0.0	9.3
23	11.8	23.9	17.8	59.4	11.991	9.6	0.0	0.0	0.0	9.4
24	12.8	24.0	17.8	65.4	13.275	11.2	0.0	5.6	5.6	6.9
25	12.9	21.9	16.7	64.4	12.480	10.2	3.1	0.0	3.1	5.4
26	11.4	22.0	16.2	70.5	12.801	10.5	0.6	3.6	4.2	4.6
27	12.9	23.0	16.4	68.0	12.618	10.4	17.0	0.0	17.0	7.2
28	11.4	23.0	16.3	70.2	12.917	10.7	0.0	4.4	4.4	6.8
29	11.6	21.0	14.9	76.5	13.007	10.8	3.9	0.0	3.9	5.1
30	13.6	21.9	16.6	70.2	13.452	11.4	0.7	0.0	0.7	4.8
31	13.5	21.9	16.0	79.9	14.807	12.8	12.9	0.0	12.9	3.3
Prom.	12.5	21.4	16.2	75.4	13.934	11.8	138.3	148.9	287.2	152.6

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.5	21.0	15.8	76.2	13.855	11.8	11.2	0.5	11.7	5.3
2	12.6	21.9	16.7	70.3	13.336	11.2	0.0	0.0	0.0	2.1
3	13.8	21.0	16.2	82.1	15.208	13.2	0.6	10.9	11.5	1.1
4	12.9	17.6	14.6	95.3	16.040	14.1	36.5	13.3	49.8	0.0
5	12.5	19.9	14.5	92.9	15.258	13.2	2.8	0.0	2.8	3.2
6	11.0	22.6	16.7	72.7	13.725	11.7	3.6	8.8	12.4	6.2
7	12.4	19.3	15.6	78.9	13.977	11.9	7.5	3.1	10.6	1.7
8	11.2	22.2	17.1	71.5	13.672	11.5	0.0	2.7	2.7	8.0
9	13.6	23.3	17.0	71.8	13.818	11.8	0.0	8.4	8.4	9.2
10	13.4	19.5	14.8	80.9	14.050	12.0	0.4	0.0	0.4	5.6
11	9.8	21.9	16.3	59.7	10.581	7.6	0.0	8.3	8.3	1.6
12	12.6	19.3	14.9	81.2	13.688	11.6	24.6	1.2	25.8	2.3
13	11.4	18.8	14.9	80.4	13.808	11.7	3.9	0.6	4.5	8.2
14	11.9	18.6	14.7	85.7	14.301	12.3	1.5	0.0	1.5	2.1
15	11.6	19.9	15.4	72.9	12.716	10.5	7.0	0.0	7.0	4.0
16	10.5	19.6	14.9	70.0	11.898	9.6	2.5	0.0	2.5	3.9
17	12.0	23.0	16.1	73.0	13.137	10.9	0.6	3.4	4.0	6.6
18	13.6	18.2	14.3	92.2	15.120	13.1	5.7	0.1	5.8	0.6
19	12.0	19.5	14.2	87.4	14.258	12.2	4.1	0.0	4.1	2.3
20	10.5	21.3	15.4	77.1	13.424	11.3	18.3	0.0	18.3	4.4
21	11.4	17.5	15.0	83.5	14.344	12.3	0.0	20.9	20.9	0.0
22	11.4	17.0	13.7	88.8	14.003	11.9	4.8	0.0	4.8	0.0
23	10.2	21.6	15.6	70.0	12.469	10.2	1.8	0.0	1.8	4.5
24	12.4	20.9	15.4	81.4	14.487	12.4	2.0	0.0	2.0	6.6
25	11.0	22.9	16.6	63.3	11.693	9.2	0.0	0.0	0.0	7.3
26	12.4	19.0	15.5	81.9	14.597	12.5	1.0	0.0	1.0	1.2
27	11.0	22.6	16.6	61.6	11.680	9.2	9.8	0.0	9.8	4.9
28	10.5	23.9	16.8	61.4	11.270	8.6	0.0	0.0	0.0	6.8
Prom.	11.9	20.5	15.5	77.3	13.586	11.4	150.2	82.2	232.4	109.7

Estación **AGRONOMIA**Municipio **MANIZALES**Año **1.971**Altitud **2.150** metrosLatitud **5-04 N.**Longitud **75-31 W.****M E S - MARZO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.3	20.0	15.5	74.7	13.446	11.3	6.7	0.0	6.7	4.2
2	11.0	21.8	16.1	62.6	11.563	9.1	1.5	7.8	9.3	5.9
3	12.2	21.0	15.9	67.6	12.170	9.9	0.3	4.4	4.7	5.6
4	12.6	19.5	15.2	83.3	14.555	12.6	0.4	0.0	0.4	1.6
5	11.6	21.0	15.2	71.2	12.500	10.2	1.7	0.0	1.7	6.8
6	12.0	23.5	16.9	60.4	11.916	9.6	0.0	0.0	0.0	8.7
7	13.4	19.5	15.6	85.8	15.726	13.7	30.2	9.7	39.9	0.1
8	12.5	19.0	14.5	74.3	12.426	10.1	54.5	10.8	65.3	2.3
9	12.4	20.8	15.2	65.1	11.366	8.9	3.7	0.0	3.7	5.2
10	11.6	23.0	16.6	60.1	11.352	8.8	0.0	0.0	0.0	6.0
11	12.6	20.9	16.0	73.7	13.821	11.7	3.5	5.1	8.6	1.9
12	12.2	17.0	14.8	74.5	12.503	10.3	4.7	0.0	4.7	1.3
13	11.5	19.5	15.9	70.0	12.734	10.5	0.0	0.4	0.4	1.8
14	12.6	19.5	15.7	74.9	13.656	11.5	1.1	0.0	1.1	1.7
15	12.6	20.6	15.8	82.4	14.982	13.0	0.3	0.0	0.3	0.4
16	12.0	18.4	14.8	79.6	13.563	11.5	6.1	3.2	9.3	2.0
17	11.6	21.0	15.4	75.9	13.586	11.5	7.7	22.1	29.8	2.5
18	12.4	17.5	14.9	77.3	13.111	11.0	3.9	0.0	3.9	0.0
19	12.7	19.6	15.9	76.8	14.117	12.0	0.2	0.6	0.8	1.4
20	12.5	16.4	15.0	83.6	14.346	12.4	8.9	1.5	10.4	0.0
21	12.0	19.8	15.9	73.0	13.300	11.2	0.4	0.0	0.4	0.7
22	12.0	18.8	15.4	75.0	13.249	11.1	0.8	25.0	25.8	2.9
23	12.2	20.5	15.4	66.0	11.409	8.9	26.5	24.2	50.7	3.4
24	12.8	21.0	15.7	70.7	12.763	10.6	2.7	10.0	12.7	3.1
25	12.5	18.6	15.4	69.3	12.184	9.8	2.7	1.2	3.9	2.1
26	12.6	20.0	15.7	67.6	12.082	9.7	0.1	2.5	2.6	3.5
27	13.6	21.9	16.6	69.3	13.207	11.1	2.2	0.0	2.2	4.3
28	12.8	20.0	16.1	81.8	15.377	13.3	0.1	3.8	3.9	3.3
29	12.0	23.5	16.8	75.1	14.284	12.3	0.0	0.0	0.0	0.2
30	11.4	20.4	15.4	71.3	12.680	10.4	30.7	0.2	30.9	1.9
31	11.5	19.0	14.8	72.3	12.181	9.9	4.6	10.0	14.6	0.5
Prom.	12.3	20.1	15.6	73.1	13.102	10.9	206.2	142.5	348.7	85.3

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	11.5	18.4	15.1	71.4	12.390	10.1	1.1	2.5	3.6	2.8
2	11.2	21.4	15.4	67.3	11.906	9.5	20.7	30.3	51.0	4.0
3	11.4	16.0	14.1	87.0	14.042	12.0	3.6	0.0	3.6	1.6
4	9.5	22.0	16.6	59.0	11.123	8.5	0.0	0.0	0.0	9.7
5	12.0	21.0	15.8	66.5	11.971	9.5	2.2	0.0	2.2	6.8
6	13.6	20.9	17.5	69.2	13.648	11.6	0.1	0.0	0.1	3.0
7	11.8	21.4	15.9	72.0	13.284	11.2	0.7	2.4	3.1	1.4
8	11.9	19.5	16.4	75.9	14.049	12.0	0.0	0.3	0.3	3.0
9	12.6	22.2	17.0	67.3	12.945	10.8	1.4	0.0	1.4	2.1
10	11.8	21.2	17.2	70.6	13.848	11.8	4.2	0.0	4.2	1.3
11	12.9	21.9	16.6	77.1	15.124	12.7	8.6	0.0	8.6	4.0
12	12.5	22.9	17.6	69.2	13.797	11.7	0.4	0.0	0.4	6.9
13	12.4	21.0	16.4	83.5	16.189	13.9	1.1	0.8	1.9	2.8
14	12.8	20.4	15.6	87.4	15.694	13.7	44.1	15.7	59.8	2.6
15	12.5	19.5	16.2	80.0	14.684	12.6	0.0	0.0	0.0	1.9
16	12.4	22.0	16.2	79.7	14.990	12.9	1.3	0.0	1.3	5.2
17	13.2	21.0	16.7	83.3	15.697	13.6	0.6	1.1	1.7	3.6
18	12.4	17.0	14.9	88.7	15.201	13.2	1.8	0.2	2.0	0.0
19	12.2	18.0	14.6	87.6	14.787	12.8	9.5	0.0	9.5	0.0
20	11.0	18.8	15.4	75.2	13.163	11.0	1.3	36.5	37.8	1.9
21	12.2	20.2	15.7	82.9	14.877	12.9	0.0	0.0	0.0	2.2
22	11.6	19.0	16.0	76.4	13.959	11.8	1.2	7.6	8.8	3.3
23	13.0	19.3	15.0	82.6	14.074	12.0	6.1	2.9	9.0	1.8
24	12.5	20.0	15.4	74.0	13.089	10.9	0.0	0.0	0.0	3.5
25	11.5	20.6	16.0	65.7	12.027	9.7	0.0	0.0	0.0	3.9
26	10.5	20.2	15.6	63.5	11.252	8.7	9.0	0.0	9.0	6.8
27	10.5	22.0	16.1	70.0	13.092	10.9	0.6	0.0	0.6	4.6
28	11.6	19.3	14.9	79.8	13.795	11.7	4.4	0.0	4.4	0.9
29	11.6	19.0	15.4	76.4	13.371	11.3	0.2	0.0	0.2	3.1
30	11.8	19.0	15.0	78.6	13.438	11.3	9.1	0.0	9.1	3.5
Prom.	11.9	20.2	15.9	75.6	13.717	11.5	133.3	100.3	233.6	98.2

Estación AGRONOMIA

Municipio MANIZALES

Año 1.971

Altitud 2.150 metros

Latitud 5-04 N.

Longitud 75-31 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.4	19.0	15.3	77.8	13.828	11.8	6.2	0.2	6.4	1.4
2	11.8	19.5	15.1	78.6	13.703	11.7	40.9	4.1	45.0	2.5
3	11.0	19.0	14.2	76.3	12.431	10.1	0.0	0.0	0.0	2.0
4	12.0	18.3	14.8	89.6	15.124	13.2	1.0	0.6	1.6	2.0
5	11.2	21.0	16.2	77.1	14.412	12.3	0.0	10.5	10.5	4.3
6	12.5	17.4	14.3	83.3	13.589	11.5	0.9	0.0	0.9	0.0
7	11.0	22.4	16.3	74.7	13.858	11.8	2.4	34.1	36.5	6.1
8	12.8	19.3	15.2	83.3	14.391	12.4	2.4	7.3	9.7	1.8
9	12.5	19.4	15.7	79.8	14.288	12.2	0.9	10.9	11.8	2.6
10	12.6	19.3	15.8	77.8	13.889	11.8	1.6	0.1	1.7	4.8
11	13.4	19.0	15.8	80.4	14.460	12.4	3.0	0.0	3.0	0.0
12	12.0	19.0	15.9	81.7	14.992	13.0	0.0	0.3	0.3	1.5
13	12.2	20.0	16.1	79.9	14.491	12.5	0.4	2.9	3.3	3.9
14	13.5	16.0	14.3	91.5	15.026	13.1	14.9	0.0	14.9	0.0
15	11.6	20.0	16.3	76.6	14.260	12.2	8.4	22.1	30.5	5.0
16	12.5	18.5	15.2	80.3	13.877	11.7	0.7	0.0	0.7	0.3
17	12.6	18.8	15.2	82.8	14.367	12.4	25.4	1.1	26.5	3.5
18	12.4	20.0	16.5	79.1	14.916	12.9	0.0	15.8	15.8	6.5
19	12.5	18.0	14.8	77.1	12.947	10.8	0.7	0.0	0.7	1.5
20	12.2	19.8	15.7	74.1	13.553	11.5	2.3	0.4	2.7	0.5
21	12.0	21.0	15.0	83.6	14.362	12.3	13.0	0.7	13.7	4.2
22	11.4	20.4	15.6	74.4	13.438	11.3	10.6	9.2	19.8	5.0
23	12.2	19.8	15.8	72.7	13.265	11.2	0.0	0.0	0.0	3.4
24	11.2	19.0	15.3	69.3	12.234	9.9	0.3	2.3	2.6	3.3
25	12.6	17.0	14.7	83.3	13.961	11.9	4.2	15.7	19.9	0.6
26	11.0	21.0	16.9	75.3	13.987	11.4	0.0	0.0	0.0	6.7
27	12.4	21.0	16.9	72.1	13.880	11.8	0.0	1.4	1.4	7.3
28	13.5	19.0	16.1	84.2	15.566	13.6	0.1	0.0	0.1	3.1
29	12.0	18.0	15.2	77.6	13.464	11.4	1.3	6.8	8.1	3.3
30	12.5	18.0	15.3	91.3	15.921	13.9	9.9	2.5	12.4	1.1
31	11.0	20.2	16.2	76.0	13.976	11.8	2.2	13.5	15.7	5.8
Prom.	12.1	19.3	15.5	79.4	14.079	12.0	153.7	162.5	316.2	94.0

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.0	19.4	15.7	77.7	14.021	12.0	7.5	0.4	7.9	3.0
2	13.0	20.0	15.8	77.9	14.094	12.1	0.0	0.0	0.0	3.4
3	12.2	20.0	16.4	70.6	12.999	10.8	0.0	0.2	0.2	6.4
4	13.0	20.4	16.9	70.9	13.589	11.5	0.0	3.4	3.4	4.4
5	13.2	19.0	16.4	87.4	16.207	14.2	2.6	3.6	6.2	1.8
6	12.0	20.6	15.4	80.7	14.296	12.3	4.9	0.0	4.9	3.9
7	12.0	18.0	14.9	86.1	14.707	12.7	5.0	0.0	5.0	3.6
8	11.0	21.6	16.6	75.7	14.116	12.1	0.0	0.0	0.0	6.7
9	11.6	19.9	15.2	79.8	13.752	11.7	0.3	0.0	0.3	3.9
10	12.4	18.6	15.4	84.3	14.767	12.8	0.0	0.0	0.0	2.3
11	11.2	20.0	16.1	76.1	13.913	11.8	0.0	5.1	5.1	7.4
12	11.5	17.0	13.3	84.6	13.031	10.8	12.6	1.5	14.1	1.2
13	11.1	18.0	14.6	84.2	14.208	12.1	4.1	1.0	5.1	3.8
14	12.4	20.4	15.5	73.8	13.052	10.9	0.0	0.0	0.0	5.0
15	11.6	20.0	16.0	77.8	14.199	12.2	0.0	0.0	0.0	8.2
16	11.5	21.0	15.9	68.7	12.606	10.4	0.0	0.0	0.0	7.8
17	12.4	20.5	15.9	75.0	13.702	11.6	0.0	0.2	0.2	6.8
18	13.0	16.5	14.0	88.0	14.127	12.1	1.7	0.0	1.7	0.2
19	11.6	19.5	14.7	83.5	13.924	11.9	0.0	0.0	0.0	5.4
20	11.0	20.5	15.7	73.8	13.180	11.0	0.9	0.0	0.9	6.8
21	11.6	19.0	14.8	82.7	14.050	12.0	4.8	2.5	7.3	4.8
22	11.5	16.0	13.8	83.8	13.363	11.2	5.2	0.0	5.2	0.5
23	10.2	22.0	15.5	59.3	10.585	7.8	4.8	0.0	4.8	8.7
24	12.5	20.5	16.1	75.9	14.203	12.2	0.4	0.0	0.4	4.6
25	11.9	21.0	16.3	79.2	14.903	12.9	0.0	2.9	2.9	5.9
26	12.2	19.9	16.0	80.8	14.729	12.8	0.6	0.0	0.6	3.5
27	12.4	20.2	15.4	94.4	16.799	14.8	9.4	0.0	9.4	2.6
28	11.0	20.0	15.2	85.2	14.911	12.9	1.0	0.2	1.2	4.2
29	11.6	18.6	15.8	82.7	15.168	13.1	1.6	0.0	1.6	0.6
30	11.6	19.0	15.8	88.0	15.819	13.8	2.6	0.0	2.6	3.0
Prom.	11.9	19.6	15.5	79.6	14.101	12.0	70.0	21.0	91.0	130.4

Estación

AGRONOMIA

Municipio MANIZALES

Año 1.971

Altitud

2.150 metros

Latitud 5-04 N.

Longitud 75-31 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.6	20.0	15.7	78.4	13.958	11.9	0.0	0.0	0.0	3.8
2	13.0	18.6	15.4	83.6	14.627	12.6	0.3	4.6	4.9	3.8
3	14.0	19.5	15.4	79.1	13.887	11.8	0.0	0.0	0.0	1.8
4	12.6	19.0	15.1	84.8	14.519	12.5	0.6	0.0	0.6	1.5
5	13.1	20.5	15.8	70.3	12.810	10.5	0.0	0.0	0.0	4.6
6	12.0	22.0	15.7	65.5	11.885	9.5	0.0	0.8	0.8	5.7
7	12.5	20.0	14.9	85.7	14.601	12.6	1.8	0.0	1.8	1.8
8	11.6	22.0	17.1	59.6	11.321	8.7	0.0	0.0	0.0	10.3
9	12.2	20.6	16.0	69.6	12.890	10.7	0.8	0.0	0.8	5.4
10	12.6	18.1	15.4	77.1	13.789	11.7	0.9	0.0	0.9	2.5
11	11.6	18.5	15.2	67.8	11.761	9.3	0.7	0.2	0.9	3.4
12	11.6	19.0	15.4	78.1	13.859	11.8	2.7	7.1	9.8	4.3
13	13.5	20.5	15.3	80.0	14.084	12.1	0.0	0.7	0.7	3.0
14	12.9	18.8	15.2	79.4	13.874	11.8	0.5	0.0	0.5	0.1
15	11.5	18.0	15.1	75.4	12.867	10.7	0.2	0.0	0.2	3.9
16	11.8	20.4	15.5	73.1	12.937	10.8	0.0	0.0	0.0	5.2
17	11.5	20.6	15.8	77.3	14.112	12.1	0.0	0.0	0.0	5.0
18	12.0	22.4	16.8	61.6	11.851	9.4	0.1	0.0	0.1	9.2
19	12.0	23.6	17.1	57.4	11.208	8.6	0.0	0.0	0.0	10.4
20	12.6	20.4	16.7	64.0	12.134	9.8	0.0	0.0	0.0	2.3
21	13.6	22.6	17.0	64.5	12.209	9.8	0.1	3.3	3.4	6.1
22	13.0	21.0	16.3	76.2	14.158	12.1	0.0	1.5	1.5	3.9
23	12.9	21.7	16.9	73.4	13.967	11.9	0.0	0.0	0.0	4.9
24	13.8	22.6	17.2	67.4	13.052	10.6	0.0	0.0	0.0	6.6
25	12.5	22.0	17.2	69.6	13.777	11.7	0.0	43.3	43.3	8.5
26	13.4	21.0	16.4	80.6	14.988	13.0	0.0	0.1	0.1	0.5
27	12.4	20.6	16.4	73.7	13.662	11.6	0.0	0.0	0.0	4.1
28	11.9	19.9	16.0	72.8	13.582	11.2	0.0	0.0	0.0	0.6
29	12.7	22.0	16.3	72.1	13.356	11.2	0.1	1.5	1.6	5.1
30	13.2	20.5	16.7	72.4	13.731	11.7	0.0	0.0	0.0	4.7
31	12.6	20.8	16.2	70.9	12.823	10.6	0.2	0.0	0.2	4.9
Prom.	12.6	20.6	16.0	72.9	13.299	11.1	9.0	63.1	72.1	137.9

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.8	20.0	15.6	67.1	12.026	9.7	2.7	0.0	2.7	5.2
2	12.5	21.5	16.4	75.2	14.278	12.0	0.9	0.0	0.9	5.8
3	12.8	20.5	16.0	72.7	13.350	11.3	0.0	1.3	1.3	3.3
4	13.3	20.0	16.1	80.7	14.546	12.5	2.7	14.2	16.9	1.3
5	10.5	19.0	15.0	77.0	13.407	11.3	0.7	0.0	0.7	2.6
6	10.8	18.5	14.8	83.4	14.166	12.0	0.0	2.1	2.1	1.5
7	12.5	20.5	16.7	69.3	13.276	11.2	0.0	0.0	0.0	6.5
8	13.9	18.2	15.6	75.2	13.429	11.3	2.1	0.0	2.1	1.4
9	10.0	21.6	16.2	59.3	10.727	8.0	0.0	0.0	0.0	9.2
10	12.8	20.0	16.4	71.2	13.483	11.4	0.3	4.7	5.0	4.0
11	12.9	20.6	16.0	74.0	13.347	11.2	0.0	18.1	18.1	4.7
12	11.6	17.9	14.9	80.9	13.762	11.6	2.9	0.0	2.9	2.9
13	10.5	21.6	15.7	64.6	11.350	8.8	0.0	0.0	0.0	8.7
14	11.0	18.0	14.3	84.0	13.724	11.7	12.9	0.1	13.0	2.1
15	11.0	19.5	15.2	85.0	14.772	12.8	10.0	0.0	10.0	1.6
16	11.9	20.0	15.3	68.9	12.106	9.6	0.0	4.9	4.9	6.3
17	12.5	20.5	15.5	81.2	14.424	12.4	1.2	1.4	2.6	4.2
18	12.9	21.5	16.2	74.3	13.475	11.3	0.8	1.1	1.9	2.9
19	12.9	20.5	15.9	77.7	13.876	11.7	0.0	0.0	0.0	6.2
20	12.5	20.4	15.7	76.6	13.911	11.9	4.1	1.4	5.5	4.3
21	13.4	19.9	15.8	84.1	15.171	13.2	1.5	2.9	4.4	2.2
22	13.4	19.8	16.0	88.3	16.365	14.4	0.2	0.0	0.2	3.9
23	12.9	20.8	16.3	75.9	14.256	12.2	0.2	14.4	14.6	4.8
24	12.8	21.2	16.4	79.2	15.217	13.2	6.1	0.0	6.1	6.5
25	11.9	19.5	15.5	82.2	14.515	12.5	2.1	10.3	12.4	2.0
26	13.8	19.0	15.7	86.3	15.343	13.4	3.2	7.5	10.7	1.5
27	12.4	17.3	14.6	95.4	15.795	13.8	10.5	4.8	15.3	1.8
28	12.3	21.0	16.4	73.2	13.767	11.6	0.0	0.0	0.0	6.9
29	13.6	21.0	16.2	78.0	15.152	13.0	0.0	0.0	0.0	1.1
30	14.6	21.0	16.2	77.3	14.345	12.3	0.2	0.4	0.6	2.6
31	12.9	22.5	17.6	72.0	14.309	12.2	0.0	5.6	5.6	6.3
Prom.	12.4	20.1	15.8	77.1	13.925	11.8	65.3	95.2	160.5	124.3

Estación **AGRONOMIA**
 Altitud **2.150** metros

Municipio **MANIZALES**
 Latitud **5-04 N.**

Año **1.971**
 Longitud **75-31 W.**

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.8	18.4	14.8	84.9	14.498	12.5	6.3	0.0	6.3	0.9
2	11.6	20.0	15.0	75.9	13.119	10.9	1.9	0.5	2.4	4.0
3	12.4	18.0	15.0	90.4	15.614	13.6	2.8	3.4	6.2	
4	11.8	18.8	15.3	81.7	14.211	12.1	0.0	0.0	0.0	
5	10.5	19.3	15.5	81.0	14.349	12.4	0.0	0.0	0.0	
6	10.5	19.0	15.0	86.9	14.980	12.9	5.7	0.0	5.7	
7	11.9	20.5	15.6	81.0	14.492	12.5	0.0	6.1	6.1	
8	12.3	16.4	14.2	94.3	15.317	13.3	3.5	1.0	4.5	
9	12.0	19.0	14.8	84.9	14.337	12.3	0.0	0.6	0.6	
10	12.5	18.8	15.4	77.7	13.632	11.5	0.0	0.0	0.0	
11	9.6	22.3	16.9	69.2	13.459	11.4	0.0	0.0	0.0	
12	12.9	22.4	17.3	71.5	13.972	11.9	0.0	9.6	9.6	
13	10.8	19.0	15.0	80.0	13.692	11.6	3.1	0.0	3.1	
14	10.4	21.5	16.2	69.9	12.943	10.8	0.0	1.5	1.5	
15	13.6	21.5	16.1	72.9	13.447	11.3	0.1	0.2	0.3	
16	13.2	21.5	15.4	78.1	13.795	11.7	1.8	0.3	2.1	
17	12.9	18.5	14.8	86.8	14.668	12.7	6.2	0.9	7.1	
18	13.2	18.8	15.3	88.0	15.335	13.3	3.8	6.0	9.8	
19	13.6	19.0	15.8	75.1	13.676	11.5	0.1	1.2	1.3	
20	11.6	21.5	15.6	75.3	13.306	11.2	0.3	2.3	2.6	
21	13.8	19.9	16.1	76.6	14.103	12.1	3.7	0.0	3.7	
22	10.6	21.5	15.6	67.9	12.066	9.7	0.0	0.0	0.0	
23	12.0	20.5	15.3	78.0	13.707	11.6	4.1	0.0	4.1	
24	12.9	21.0	15.8	74.0	13.366	11.3	0.0	0.0	0.0	
25	11.0	21.0	16.3	74.9	13.911	11.8	0.0	0.0	0.0	
26	12.9	20.0	15.6	89.1	16.164	14.2	5.2	0.0	5.2	
27	12.8	19.6	16.0	78.2	14.372	12.3	2.2	0.0	2.2	
28	12.0	21.0	16.0	82.5	15.195	13.2	3.6	0.0	3.6	
29	13.4	21.0	16.7	74.9	14.143	12.1	0.0	0.0	0.0	
30	12.6	21.0	15.5	85.5	15.196	13.2	1.4	11.9	13.3	
Prom.	12.2	20.0	15.6	79.6	14.169	12.1	55.8	45.5	101.3	

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	11.8	18.0	15.1	76.8	13.102	10.9	4.9	0.5	5.4	
2	13.2	17.2	15.5	84.2	14.826	12.8	13.8	0.0	13.8	
3	12.8	18.6	14.9	91.1	15.352	13.4	7.7	1.1	8.8	
4	13.4	16.7	14.8	83.1	13.943	11.8	3.6	2.0	5.6	
5	13.6	19.0	14.9	86.6	14.832	12.8	9.2	0.3	9.5	
6	12.5	19.5	15.0	89.9	15.478	13.5	3.3	12.1	15.4	
7	10.6	19.9	15.2	73.7	12.731	10.3	0.4	2.5	2.9	
8	10.0	21.6	15.7	71.4	12.895	10.7	0.0	0.0	0.0	
9	12.4	21.0	16.7	74.0	13.956	11.9	13.2	22.8	36.0	4.2
10	13.2	19.6	15.3	83.3	14.500	12.5	1.9	6.0	7.9	1.7
11	13.5	17.0	15.2	88.7	15.322	13.3	3.0	0.0	3.0	1.6
12	13.5	19.4	15.6	83.2	14.833	12.8	1.1	0.0	1.1	3.3
13	12.5	19.5	16.0	72.5	13.151	11.0	1.6	0.0	1.6	3.1
14	12.4	16.7	15.5	84.2	14.745	12.8	2.0	0.0	2.0	1.9
15	12.4	20.5	15.5	76.6	13.670	11.5	0.7	0.0	0.7	6.9
16	11.5	18.0	16.1	81.5	14.871	12.9	0.3	0.4	0.7	1.1
17	12.4	18.4	15.2	86.6	15.058	13.1	3.9	2.5	6.4	0.9
18	10.5	19.5	15.0	86.5	14.818	12.9	4.9	0.7	5.6	3.6
19	12.5	16.5	15.2	88.2	15.165	13.1	2.1	0.0	2.1	1.5
20	10.2	22.0	15.7	71.3	12.807	10.6	0.0	6.7	6.7	7.9
21	11.0	22.0	16.4	64.8	12.401	9.9	0.0	0.0	0.0	8.9
22	12.0	17.0	15.1	83.1	14.379	12.4	14.7	0.0	14.7	2.1
23	9.5	20.1	15.5	78.8	14.357	12.2	3.0	0.0	3.0	5.4
24	12.9	18.5	15.1	89.2	15.431	13.5	4.7	1.4	6.1	1.6
25	10.6	19.0	15.6	81.9	14.663	12.6	0.2	0.0	0.2	3.2
26	9.5	20.5	15.7	69.0	12.498	10.2	0.0	0.0	0.0	8.7
27	11.0	21.0	15.9	76.2	13.736	11.7	1.2	0.0	1.2	5.7
28	11.5	22.0	16.7	75.1	14.299	12.3	0.0	12.3	12.3	6.0
29	13.4	17.0	15.2	93.7	16.319	14.3	2.0	0.0	2.0	0.6
30	10.5	20.0	16.0	82.3	14.961	12.9	0.0	23.0	23.0	3.3
31	13.3	16.0	14.9	91.4	15.485	13.5	19.3	2.4	21.7	0.0
Prom.	11.9	19.1	15.5	81.3	14.341	12.3	122.7	96.7	219.4	

Estación **AGRONOMIA**Municipio **MANIZALES**Año **1.971**Altitud **2.150** metrosLatitud **5-04 N.**Longitud **75-31 W.****M E S - NOVIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	11.0	19.4	14.7	81.7	13.676	11.6	11.0	0.3	11.3	1.1
2	11.0	22.0	15.7	77.5	13.838	11.7	3.3	25.3	28.6	4.3
3	12.0	17.0	14.7	88.8	14.971	13.0	0.0	0.0	0.0	0.5
4	11.5	22.0	15.7	73.2	13.239	11.1	0.0	0.1	0.1	6.4
5	10.6	20.0	15.3	73.2	12.701	10.4	16.2	0.7	16.9	5.0
6	11.4	21.0	15.9	78.4	14.404	12.4	1.7	0.2	1.9	5.4
7	12.0	19.5	15.4	88.5	15.707	13.7	11.3	0.0	11.3	2.9
8	10.5	21.0	15.9	78.2	14.194	12.2	4.5	47.5	52.0	5.1
9	12.6	16.0	14.2	91.1	14.718	12.7	5.5	0.5	6.0	0.1
10	11.0	18.0	14.6	78.2	13.098	10.9	1.5	0.0	1.5	1.4
11	10.4	19.0	15.0	77.6	13.389	11.2	0.0	0.0	0.0	2.8
12	10.2	22.0	16.2	69.4	12.666	10.2	0.0	0.0	0.0	5.7
13	11.5	21.0	16.7	68.7	13.094	11.0	0.0	0.0	0.0	7.9
14	12.4	19.2	15.4	87.6	15.620	13.5	2.4	3.7	6.1	2.5
15	11.6	21.0	15.9	79.6	14.446	12.3	0.0	0.0	0.0	4.7
16	11.4	21.0	15.6	78.5	14.029	12.0	8.8	1.2	10.0	6.0
17	12.2	20.0	15.1	88.6	15.301	13.3	41.4	13.5	54.9	4.9
18	10.0	17.0	14.2	86.3	14.055	12.0	20.2	1.0	21.2	4.4
19	10.6	18.5	14.7	86.5	14.466	12.5	0.0	4.8	4.8	2.2
20	11.0	20.5	14.8	80.3	13.445	11.3	50.2	4.6	54.8	7.3
21	9.8	20.2	15.0	84.0	14.506	12.5	1.9	0.2	2.1	4.5
22	10.0	20.3	15.1	77.0	13.205	11.0	0.0	3.9	3.9	8.0
23	10.5	20.6	15.0	76.6	13.151	11.0	9.0	0.0	9.0	7.1
24	11.0	20.0	14.7	87.9	14.914	12.9	0.6	8.5	9.1	4.5
25	11.0	18.0	14.7	89.6	15.097	13.1	0.7	4.5	5.2	3.0
26	11.6	18.6	14.9	89.5	15.165	13.2	0.6	1.5	2.1	4.2
27	11.3	20.0	15.2	81.1	14.130	12.1	0.7	0.4	1.1	3.3
28	11.5	17.1	14.7	94.8	15.974	14.0	1.8	0.0	1.8	1.5
29	9.5	20.5	15.3	78.0	13.537	11.4	0.0	0.0	0.0	7.5
30	11.0	22.0	16.6	80.4	14.776	12.7	0.0	0.0	0.0	10.1
Prom.	11.1	19.7	15.2	81.7	14.184	12.1	193.3	122.4	315.7	134.3

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	11.5	20.8	15.7	79.4	14.207	12.2	0.0	0.0	0.0	8.5
2	11.2	21.0	16.4	78.4	14.531	12.4	0.0	0.0	0.0	4.5
3	9.5	21.0	15.3	70.6	12.256	9.9	4.0	0.0	4.0	7.3
4	10.0	21.5	15.5	72.6	12.915	10.7	0.6	0.0	0.6	6.9
5	10.0	20.4	15.8	70.9	12.856	10.7	0.0	0.0	0.0	5.8
6	11.0	22.0	16.4	74.4	13.825	11.8	0.0	0.0	0.0	8.2
7	11.5	21.5	16.2	74.4	13.508	11.4	0.0	0.0	0.0	6.5
8	11.5	20.5	16.0	75.3	13.881	11.8	0.0	0.0	0.0	3.3
9	11.0	21.5	16.0	76.4	13.795	11.7	0.0	0.0	0.0	7.7
10	12.1	21.0	16.2	76.8	14.230	12.2	8.8	0.0	8.8	5.6
11	11.2	20.6	15.8	74.6	13.791	11.8	0.8	0.0	0.8	7.8
12	11.0	22.0	16.1	69.4	12.792	10.6	1.2	0.0	1.2	5.9
13	11.0	23.0	16.9	68.1	12.771	10.6	0.0	0.0	0.0	7.4
14	13.6	21.0	16.5	76.1	14.519	12.5	2.0	0.0	2.0	5.6
15	12.6	20.5	15.9	74.8	13.638	11.6	0.0	0.1	0.1	4.7
16	12.2	20.5	15.6	71.6	12.918	10.7	0.4	0.0	0.4	1.3
17	11.0	20.0	14.9	75.0	12.843	10.7	14.3	0.0	14.3	4.4
18	11.5	20.4	16.0	77.2	14.118	12.1	0.0	0.6	0.6	4.1
19	11.4	22.0	17.0	68.7	13.259	11.1	0.0	0.0	0.0	10.3
20	13.0	21.5	16.3	77.3	14.308	12.2	0.2	2.8	3.0	7.3
21	11.6	17.5	14.4	93.9	15.481	13.5	24.1	0.0	24.1	0.4
22	11.0	18.8	14.7	91.4	15.489	13.5	12.0	14.0	26.6	3.4
23	11.0	15.5	14.1	93.2	15.012	13.0	2.1	1.0	3.1	0.0
24	11.2	20.4	15.5	81.1	14.129	12.1	0.0	3.3	3.3	5.9
25	11.5	16.5	14.7	86.7	14.537	12.6	5.0	0.0	5.0	0.7
26	10.5	21.9	16.5	67.7	12.376	10.0	0.0	0.0	0.0	7.2
27	11.0	19.0	14.5	85.1	14.155	12.1	15.6	1.5	17.1	4.3
28	11.5	20.0	14.7	91.6	15.474	13.5	0.2	6.3	6.5	2.9
29	11.5	19.0	15.5	78.9	14.137	12.1	1.3	0.0	1.3	2.2
30	11.0	19.0	14.9	81.5	14.015	11.9	2.9	0.0	2.9	4.1
31	10.5	20.0	16.2	81.0	14.751	12.6	0.0	0.0	0.0	6.5
Prom.	11.3	20.3	15.7	77.9	13.888	11.8	95.5	30.2	125.7	160.7

Estación AGRONOMIA
 Altitud 2.150 Metros

Municipio MANIZALES
 Latitud 5-04 N.

Año 1.971
 Longitud 75-31 W.

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	12.5	21.4	16.2	10.0	24.0	75.4	13.934	11.8	287.2	25	152.6
FEBRERO	11.9	20.5	15.5	9.8	23.9	77.3	13.586	11.4	232.4	25	109.7
MARZO	12.3	20.1	15.6	11.0	23.5	73.1	13.102	10.9	348.7	28	85.3
ABRIL	11.9	20.2	15.9	9.5	22.9	75.6	13.717	11.5	233.6	25	98.2
MAYO	12.1	19.3	15.5	11.0	22.4	79.4	14.079	12.0	316.2	28	94.0
JUNIO	11.9	19.6	15.5	10.2	22.0	79.6	14.101	12.0	91.0	23	130.4
JULIO	12.6	20.6	16.0	11.5	23.6	72.9	13.299	11.1	72.1	18	137.9
AGOSTO	12.4	20.1	15.8	10.0	22.5	77.1	13.925	11.8	160.5	25	124.3
SEPTIEMBRE	12.2	20.0	15.6	9.6	22.4	79.6	14.169	12.1	101.3	22	
OCTUBRE	11.9	19.1	15.5	9.5	22.0	81.3	14.341	12.3	219.4	28	
NOVIEMBRE	11.1	19.7	15.2	9.5	22.0	81.7	14.184	12.1	315.7	23	134.3
DICIEMBRE	11.3	20.3	15.7	9.5	23.0	77.9	13.888	11.8	125.7	20	160.7
PROMEDIO	12.0	20.1	15.7	10.1	22.9	77.6	13.860	11.7			
TOTAL									2503.8	290	

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.5	29.9	24.0	75.5	21.653	18.7	0.1	0.2	0.3	6.1
2	19.0	31.5	24.2	73.7	21.520	18.7	0.0	4.4	4.4	6.6
3	19.0	31.0	23.9	74.3	21.451	18.6	0.3	5.1	5.4	6.9
4	18.9	22.9	20.5	92.8	22.487	19.4	0.0	0.0	0.0	0.0
5	17.7	28.9	21.9	79.5	20.414	17.7	0.1	0.2	0.3	3.8
6	18.5	27.3	21.7	81.1	20.916	18.2	7.6	1.4	9.0	1.5
7	18.8	25.9	20.4	85.9	20.684	18.0	12.3	21.1	33.4	1.8
8	18.0	26.9	22.3	79.8	20.908	18.1	0.0	1.1	1.1	4.1
9	18.0	28.8	22.4	76.3	20.062	17.5	0.0	14.8	14.8	8.0
10	18.2	30.5	23.4	75.8	20.848	18.1	0.2	12.0	12.2	8.4
11	17.6	29.5	22.2	78.5	20.237	17.5	0.0	0.0	0.0	5.1
12	17.6	30.9	23.0	78.9	21.376	18.4	0.0	38.4	38.4	9.3
13	17.7	26.9	22.1	82.0	21.344	18.5	0.0	0.0	0.0	3.0
14	16.7	30.8	22.6	73.9	19.492	17.1	0.0	0.0	0.0	7.4
15	16.9	31.0	23.2	75.4	20.451	17.8	0.0	0.0	0.0	7.8
16	16.5	29.2	20.6	83.2	20.595	18.0	19.8	0.0	19.8	3.9
17	14.5	29.0	21.5	74.9	18.073	15.8	0.0	4.1	4.1	8.0
18	17.8	26.6	21.5	81.3	20.388	17.8	1.7	0.0	1.7	5.7
19	18.2	29.7	22.1	77.8	20.228	17.7	0.5	4.3	4.8	5.3
20	18.0	29.9	22.2	80.8	21.088	18.3	0.6	0.0	0.6	6.2
21	16.3	29.9	22.8	73.9	19.360	16.9	0.0	0.0	0.0	8.4
22	16.9	30.9	22.8	75.6	20.160	17.6	0.0	0.0	0.0	9.3
23	17.4	31.6	22.9	71.7	19.060	16.7	0.0	0.6	0.6	9.9
24	17.2	31.0	23.3	72.6	19.796	17.3	1.0	11.8	12.8	6.4
25	18.4	31.0	22.9	74.3	20.154	17.6	0.2	0.0	0.2	7.5
26	16.2	30.8	22.6	70.8	18.381	16.2	0.0	5.4	5.4	6.0
27	17.3	30.4	23.0	75.5	20.270	17.6	0.0	0.0	0.0	7.1
28	16.5	31.1	22.7	75.7	19.986	17.5	1.0	5.5	6.5	8.2
29	16.3	30.5	23.1	72.3	19.355	17.0	0.0	0.0	0.0	7.0
30	18.2	31.2	23.9	74.8	21.229	18.4	0.0	1.2	1.2	8.8
31	18.2	29.9	22.8	75.7	20.590	17.9	1.2	6.5	7.7	6.8
Prom.	17.6	29.5	22.5	77.2	20.405	17.8	46.6	138.1	184.7	194.3

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.2	28.2	22.1	82.3	21.702	18.8	4.1	3.5	7.6	4.9
2	17.6	31.0	23.7	74.9	20.711	17.9	0.0	16.6	16.6	8.3
3	18.6	28.4	22.7	75.4	20.163	17.6	5.1	40.8	45.9	3.2
4	18.8	26.0	21.1	88.6	22.214	19.2	7.2	6.3	13.5	1.7
5	17.9	27.9	21.5	82.1	20.753	18.1	0.0	0.5	0.5	5.7
6	17.0	30.5	23.5	67.7	18.272	16.0	0.0	48.5	48.5	9.4
7	18.6	27.9	22.7	78.9	21.212	18.4	1.7	0.0	1.7	4.6
8	18.0	30.8	24.0	74.3	21.067	18.2	0.0	0.0	0.0	7.5
9	18.4	30.6	22.9	77.6	20.977	18.2	0.0	0.0	0.0	9.4
10	18.9	28.2	22.8	71.9	19.104	16.6	17.0	1.3	18.3	4.9
11	15.9	31.1	22.0	72.3	18.338	16.1	0.0	0.0	0.0	9.5
12	18.5	29.0	21.9	79.0	20.419	17.8	12.1	15.7	27.8	4.7
13	18.0	28.5	22.2	75.4	19.516	17.1	1.5	34.5	36.0	5.1
14	18.0	24.9	20.8	85.5	20.847	18.2	0.0	0.0	0.0	1.6
15	18.2	29.9	22.1	75.3	19.492	17.0	0.4	0.0	0.4	8.0
16	17.1	28.9	22.4	78.1	20.447	17.7	0.0	5.4	5.4	6.3
17	18.0	29.9	22.8	72.9	19.563	17.2	0.2	11.4	11.6	9.8
18	18.3	26.1	20.6	87.5	21.367	18.5	5.7	0.5	6.2	1.7
19	18.1	27.7	21.3	84.6	21.269	18.5	37.3	0.0	37.3	2.9
20	16.5	29.5	22.8	70.7	18.503	16.3	0.3	6.6	6.9	7.8
21	17.3	26.9	21.4	81.4	20.356	17.8	0.0	10.6	10.6	0.9
22	17.2	23.5	19.5	87.8	19.925	17.4	3.4	0.2	3.6	0.0
23	16.0	29.4	22.4	77.6	20.056	17.4	0.0	0.0	0.0	7.0
24	17.2	30.5	22.5	79.1	21.024	18.3	0.0	0.0	0.0	7.3
25	14.9	32.5	23.1	72.2	18.971	16.6	0.0	6.6	6.6	8.6
26	18.8	27.5	22.2	87.2	23.197	19.8	0.0	0.0	0.0	1.7
27	17.4	31.5	22.7	77.1	20.379	17.7	0.0	0.0	0.0	7.1
28	16.5	31.8	23.8	68.8	18.532	16.1	0.1	0.0	0.1	7.7
Prom.	17.6	28.9	22.3	78.1	20.300	17.7	96.1	209.0	305.1	157.2

Estación SANTIAGUEDA - FACULTAD

Municipio PALESTINA

Año 1.971

Altitud 1.010 metros

Latitud 5-04 N.

Longitud 75-41 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.3	26.9	20.9	84.6	20.772	18.1	0.0	0.0	0.0	3.3
2	16.9	32.0	21.9	74.3	18.657	16.3	0.1	6.1	6.2	8.2
3	16.8	29.9	23.0	74.5	19.851	17.2	0.0	30.2	30.2	6.7
4	18.0	28.9	22.7	75.1	19.620	17.1	0.1	0.0	0.1	4.4
5	16.3	31.9	23.6	72.6	19.782	17.1	0.0	0.0	0.0	10.3
6	18.5	31.9	24.3	70.3	20.295	17.7	0.0	2.2	2.2	7.4
7	19.5	27.4	21.5	88.2	22.989	19.7	22.7	16.3	39.0	1.8
8	17.8	30.9	22.7	80.2	21.605	18.7	0.5	0.9	1.4	3.7
9	18.6	30.8	23.3	78.7	21.761	18.8	0.0	0.0	0.0	5.8
10	17.6	31.7	23.5	80.6	22.697	19.4	0.0	0.0	0.0	6.3
11	19.9	30.0	23.9	76.8	22.220	19.0	1.9	25.1	27.0	6.0
12	18.8	28.3	23.6	83.7	23.682	20.1	0.0	0.0	0.0	2.3
13	18.6	29.9	24.5	77.8	23.044	19.7	0.0	0.4	0.4	3.4
14	18.8	29.9	24.2	79.0	22.926	19.6	0.0	74.5	74.5	5.7
15	19.3	30.5	23.2	84.0	23.625	20.1	2.4	0.0	2.4	3.4
16	19.6	28.6	21.9	86.6	22.986	19.7	4.9	5.0	9.9	2.9
17	18.4	28.4	22.8	83.5	22.665	19.4	0.1	14.6	14.7	5.1
18	18.6	28.3	23.2	82.0	22.682	19.5	0.0	16.7	16.7	4.1
19	18.6	29.9	23.6	81.4	22.952	19.6	0.0	21.7	21.7	4.1
20	19.7	26.0	21.7	88.5	22.585	19.3	2.4	0.0	2.4	1.1
21	18.7	31.0	24.4	81.3	23.920	20.2	0.0	0.0	0.0	4.9
22	19.7	29.7	22.1	84.3	22.392	19.3	0.0	43.8	43.8	5.4
23	18.4	28.8	23.1	77.4	21.132	18.3	0.0	6.9	6.9	5.6
24	18.8	29.9	22.7	79.2	21.710	18.8	0.2	3.6	3.8	4.7
25	18.8	31.0	23.6	84.2	24.124	20.4	0.0	0.0	0.0	6.4
26	19.8	31.1	24.3	79.0	23.221	19.8	0.0	2.4	2.4	5.8
27	20.4	31.3	24.7	79.7	24.153	20.5	0.0	0.2	0.2	5.8
28	19.2	28.7	22.5	85.6	23.412	20.0	0.0	0.8	0.8	3.7
29	18.1	26.7	22.0	82.1	21.403	18.6	3.5	16.8	20.3	1.5
30	18.3	30.0	21.8	83.9	21.702	18.8	0.1	44.2	44.3	5.1
31	17.8	29.0	22.3	78.2	20.518	17.9	6.3	5.9	12.2	2.1
Prom.	18.6	29.7	23.0	80.6	22.099	19.0	45.2	338.3	383.5	147.0

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.4	29.0	22.6	83.0	22.409	19.3	0.0	0.0	0.0	2.6
2	18.8	31.0	23.7	80.7	23.015	19.7	0.0	0.0	0.0	7.0
3	17.7	24.3	19.4	95.4	22.096	19.0	2.3	29.0	31.3	0.0
4	17.0	30.6	23.2	78.7	21.308	18.4	0.0	0.0	0.0	9.0
5	15.8	31.0	23.7	76.6	21.218	18.3	0.6	0.0	0.6	9.8
6	19.0	31.0	23.7	80.7	22.932	19.6	0.3	0.0	0.3	4.1
7	18.8	30.5	23.1	80.3	22.125	19.0	2.2	22.9	25.1	4.7
8	17.9	29.0	22.7	83.5	22.364	19.2	0.0	0.0	0.0	6.0
9	17.7	31.3	24.3	77.0	22.709	19.5	0.0	7.8	7.8	4.7
10	19.3	30.4	24.6	79.1	23.487	19.9	2.7	0.0	2.7	6.2
11	19.4	31.2	24.7	79.9	24.272	20.5	0.0	3.1	3.1	5.9
12	18.8	32.6	23.2	79.7	22.174	19.1	0.0	0.0	0.0	8.8
13	16.9	32.0	24.0	80.7	23.187	19.7	0.0	7.0	7.0	7.5
14	18.8	29.2	22.2	85.7	23.152	19.8	0.0	16.2	16.2	5.5
15	18.8	29.4	22.8	81.0	22.188	19.1	7.6	2.6	10.2	4.4
16	19.5	32.0	22.5	81.5	22.228	19.2	31.4	5.6	37.0	7.2
17	18.8	29.0	23.6	85.7	24.673	20.8	0.0	0.0	0.0	5.8
18	18.5	26.9	21.7	86.2	22.130	19.1	0.0	0.0	0.0	0.4
19	18.5	23.3	19.7	98.0	22.559	19.4	0.0	0.0	0.0	0.0
20	15.9	28.9	23.0	83.3	22.769	19.5	0.0	15.1	15.1	4.5
21	19.0	28.9	23.0	86.5	23.876	20.3	0.1	0.0	0.1	3.0
22	18.7	28.8	24.4	82.4	24.438	20.7	0.0	0.0	0.0	3.2
23	19.1	30.0	23.1	86.0	23.941	20.3	2.2	6.3	8.5	3.0
24	19.0	30.3	23.5	81.3	22.774	19.5	0.0	7.3	7.3	5.7
25	17.6	30.2	23.9	78.7	22.523	19.3	0.0	0.0	0.0	5.4
26	16.8	32.0	23.6	77.4	21.487	18.5	0.0	0.0	0.0	8.3
27	16.7	32.3	24.2	77.8	22.278	19.1	0.0	0.0	0.0	7.4
28	18.8	29.9	24.1	81.0	23.710	20.2	0.0	0.8	0.8	4.0
29	18.8	31.0	24.0	84.1	24.410	20.6	0.0	17.8	17.8	6.3
30	18.1	29.3	23.6	83.5	23.776	20.2	11.0	0.0	11.0	3.8
Prom.	18.2	29.8	23.2	82.5	22.874	19.6	60.4	141.5	201.9	154.2

Estación **SANTAGUEDA - FACULTAD**Municipio **PALESTINA**Año **1.971**Altitud **1.010** metrosLatitud **5-04 N.**Longitud **75-41 W.****M E S - MAYO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.8	29.6	21.8	83.6	21.870	18.9	3.3	1.1	4.4	4.4
2	18.9	29.9	22.8	83.0	22.582	19.4	7.4	2.0	9.4	5.0
3	18.9	29.9	22.3	82.6	22.253	19.2	1.0	0.0	1.0	4.9
4	18.1	26.3	21.4	88.3	22.704	19.5	0.0	32.8	32.8	2.5
5	16.9	29.2	22.9	83.7	22.620	19.3	23.0	1.7	24.7	6.2
6	18.0	24.6	19.7	93.4	21.726	18.8	0.2	0.0	0.2	0.9
7	15.3	31.3	22.3	81.0	21.010	18.1	0.3	0.0	0.3	7.5
8	18.3	27.6	22.6	85.9	23.076	19.7	0.0	0.0	0.0	4.1
9	18.0	29.8	23.7	78.1	21.860	18.7	0.0	0.0	0.0	7.6
10	19.2	27.9	23.1	86.6	23.988	20.3	0.0	0.0	0.0	3.5
11	19.4	29.9	24.2	84.3	24.890	20.9	0.0	0.0	0.0	4.7
12	18.7	27.0	22.1	90.0	23.855	20.3	6.6	61.0	67.6	2.2
13	17.5	29.5	23.8	79.1	22.865	19.6	0.2	0.0	0.2	8.3
14	17.5	22.5	19.5	98.3	22.230	19.2	50.2	14.1	64.3	0.1
15	16.5	28.6	22.0	84.5	21.876	18.8	0.0	32.2	32.2	6.0
16	18.5	26.3	21.6	88.5	22.980	19.7	5.8	0.0	5.8	3.2
17	18.5	28.0	21.9	82.0	21.315	18.5	12.3	0.0	12.3	4.7
18	18.1	29.0	22.3	86.5	23.056	19.7	0.0	24.2	24.2	5.5
19	18.1	28.8	23.6	83.8	23.681	20.0	0.2	0.0	0.2	7.5
20	18.0	28.4	22.5	86.3	23.516	20.1	4.7	0.0	4.7	1.2
21	18.4	31.5	22.1	81.3	21.248	18.4	0.0	21.9	21.9	6.8
22	17.5	29.9	22.7	79.4	21.160	18.3	0.2	0.0	0.2	7.6
23	18.0	29.3	22.3	85.8	22.918	19.7	0.0	11.5	11.5	4.2
24	17.9	27.4	23.1	81.6	22.290	19.1	0.5	37.5	38.0	6.1
25	18.1	27.8	22.0	86.2	22.436	19.2	15.6	17.7	33.3	2.9
26	17.3	30.1	22.6	84.9	22.678	19.4	1.5	0.0	1.5	7.7
27	18.8	31.8	24.3	75.2	22.136	19.1	0.0	0.0	0.0	10.2
28	18.8	27.9	23.0	88.7	24.627	20.8	0.3	0.0	0.3	3.1
29	18.0	27.5	22.9	87.5	24.087	20.4	0.0	23.3	23.3	5.0
30	18.0	26.7	21.4	87.0	22.105	19.1	0.0	9.5	9.5	1.5
31	18.5	29.9	23.3	81.3	22.478	19.2	10.8	15.6	26.4	8.2
Prom.	18.1	28.5	22.4	84.8	22.649	19.4	144.1	306.1	450.2	153.3

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.6	28.9	23.4	84.7	23.937	20.3	0.0	30.1	30.1	4.3
2	17.6	29.0	22.8	84.4	22.966	19.7	0.0	0.0	0.0	6.3
3	17.3	29.9	24.0	79.8	22.931	19.6	0.2	0.2	0.4	8.8
4	18.0	30.3	24.6	79.7	23.844	20.2	0.0	31.4	31.4	7.0
5	18.5	28.9	23.2	80.9	22.389	19.3	0.0	85.4	85.4	5.5
6	18.3	29.3	22.2	78.2	20.577	18.0	0.2	0.2	0.4	4.7
7	18.5	28.3	21.9	82.9	21.522	18.6	1.4	0.0	1.4	4.6
8	17.6	28.9	22.8	80.6	21.688	18.6	0.0	0.0	0.0	6.7
9	18.6	28.3	23.0	80.0	22.014	19.0	0.0	5.9	5.9	5.1
10	19.0	28.1	23.0	87.2	24.150	20.5	0.5	3.0	3.5	1.5
11	17.8	29.9	23.4	80.4	22.570	19.4	2.6	11.5	14.1	9.5
12	18.3	26.3	20.9	88.7	22.344	19.3	15.3	0.0	15.3	2.1
13	17.5	28.2	21.3	85.4	21.495	18.6	2.0	0.6	2.6	5.9
14	17.2	27.9	21.7	84.4	21.632	18.7	0.0	0.0	0.0	5.0
15	17.5	29.0	23.3	82.0	22.730	19.5	0.0	0.0	0.0	6.9
16	18.6	29.3	23.4	78.7	22.113	19.0	0.0	0.0	0.0	8.1
17	18.6	29.9	23.3	82.1	23.040	19.7	0.5	21.5	22.0	6.2
18	18.9	26.2	21.8	90.5	23.455	20.0	9.9	0.0	9.9	3.1
19	17.5	29.3	23.7	78.4	22.106	19.1	0.6	6.6	7.2	8.3
20	18.2	29.9	23.6	80.5	22.665	19.4	0.0	1.2	1.2	6.9
21	18.7	28.5	21.5	85.6	21.757	18.8	15.7	0.2	15.9	6.0
22	18.0	26.0	20.8	92.8	22.843	19.6	0.0	0.0	0.0	3.6
23	15.0	30.9	23.0	79.5	21.407	18.4	0.0	4.2	4.2	7.2
24	17.6	29.9	23.2	82.8	22.949	19.7	0.0	0.0	0.0	8.7
25	17.0	31.2	23.4	77.3	21.269	18.3	0.0	5.9	5.9	10.5
26	17.8	28.4	22.6	88.1	23.662	20.1	0.0	5.6	5.6	3.4
27	17.8	27.1	22.6	86.1	23.073	19.7	1.2	4.6	5.8	4.8
28	18.0	27.5	22.0	84.1	22.015	19.0	0.0	0.0	0.0	7.9
29	18.5	28.6	22.8	81.9	22.532	19.4	0.0	7.5	7.5	3.7
30	18.6	29.0	22.7	84.6	23.250	19.9	0.0	0.0	0.0	6.3
Prom.	18.0	28.8	22.7	83.1	22.498	19.3	50.1	225.6	275.7	178.6

Estación **SANTAGUEDA - FACULTAD**Municipio **PALESTINA**Año **1.971**Altitud **1.010** metrosLatitud **5-04 N.**Longitud **75-41 W.****M E S - JULIO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.4	29.5	23.6	76.6	21.605	18.7	0.0	0.0	0.0	6.9
2	18.5	28.4	23.2	82.4	22.862	19.6	0.2	14.8	15.0	4.0
3	18.0	27.9	22.9	80.8	21.979	18.9	0.0	0.3	0.3	5.3
4	18.0	25.5	21.3	94.4	23.632	20.1	3.4	0.0	3.4	3.6
5	18.4	28.9	22.4	79.8	21.030	18.1	0.0	0.0	0.0	5.9
6	16.2	29.9	23.0	75.1	20.354	17.8	0.0	18.5	18.5	6.0
7	18.1	28.4	23.5	82.0	23.165	19.8	0.0	0.0	0.0	5.5
8	18.3	30.2	24.2	79.0	23.086	19.8	0.0	0.0	0.0	8.3
9	18.0	31.0	23.7	79.1	22.257	19.1	0.0	0.0	0.0	7.4
10	18.0	28.5	22.8	84.8	23.093	19.8	2.3	0.0	2.3	2.7
11	16.0	27.9	22.4	82.4	21.707	18.8	0.8	0.0	0.8	6.6
12	18.7	28.0	22.6	90.0	24.575	20.8	0.4	16.8	17.2	4.5
13	18.2	28.4	21.9	84.6	21.779	18.8	0.0	4.8	4.8	5.5
14	18.0	26.9	21.0	89.3	22.389	19.3	1.2	0.0	1.2	1.8
15	17.8	28.9	23.2	80.8	22.300	19.2	0.3	0.0	0.3	6.1
16	18.3	29.9	22.7	79.5	21.350	18.4	0.1	0.0	0.1	7.7
17	15.5	28.6	22.1	81.3	21.058	18.2	0.1	0.0	0.1	6.6
18	18.0	31.8	24.4	73.3	21.233	18.4	0.0	0.0	0.0	10.8
19	16.3	31.6	23.7	75.3	21.003	18.2	0.0	0.0	0.0	9.7
20	17.5	31.2	23.8	78.3	22.133	19.0	0.2	0.0	0.2	5.6
21	16.5	31.4	24.3	73.7	21.240	18.4	0.2	0.0	0.2	7.7
22	18.5	30.0	23.2	82.5	23.053	19.7	0.0	0.0	0.0	5.3
23	17.7	30.3	23.4	80.4	22.478	19.3	0.1	0.1	0.2	6.2
24	17.5	31.0	22.6	76.4	20.120	17.5	0.2	0.0	0.2	7.1
25	15.6	32.0	23.6	72.5	19.769	17.1	0.0	8.5	8.5	8.4
26	17.9	26.9	21.9	79.1	20.066	17.2	0.0	0.0	0.0	2.3
27	17.8	30.0	22.8	79.9	21.491	18.5	0.1	0.0	0.1	4.1
28	16.8	26.3	21.5	87.4	22.030	19.0	0.0	6.5	6.5	1.2
29	16.9	30.9	23.4	80.5	22.373	19.2	0.0	32.0	32.0	8.0
30	17.8	29.9	23.2	79.3	22.193	19.2	0.0	22.5	22.5	9.3
31	17.7	31.1	23.1	78.5	21.349	18.4	0.0	5.8	5.8	8.6
Prom.	17.6	29.4	22.9	80.6	21.895	18.8	9.6	130.6	140.2	188.7

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.8	28.8	22.6	83.2	22.293	19.2	0.0	0.0	0.0	6.8
2	16.6	29.4	23.3	79.9	22.008	18.9	0.0	0.1	0.1	7.5
3	18.0	28.9	22.6	77.8	21.015	18.3	0.0	11.3	11.3	6.7
4	18.2	28.0	20.8	85.0	20.763	18.1	2.2	21.7	23.9	4.5
5	17.0	26.4	21.0	84.4	20.622	17.9	0.0	0.0	0.0	3.5
6	17.0	26.9	21.3	88.3	22.261	19.2	0.7	14.3	15.0	4.5
7	16.5	28.0	22.1	81.5	20.795	17.8	0.0	0.8	0.8	8.4
8	17.5	26.9	21.4	91.8	23.214	19.9	0.0	0.0	0.0	4.0
9	14.7	30.0	22.6	74.7	19.392	16.9	0.0	4.0	4.0	10.6
10	16.6	28.6	22.5	81.5	21.554	18.6	0.0	3.1	3.1	7.3
11	18.3	28.9	23.5	76.4	21.411	18.6	0.0	19.1	19.1	9.4
12	16.8	23.5	19.2	92.5	20.756	18.1	1.3	0.0	1.3	2.1
13	15.0	29.6	22.1	81.4	20.847	18.0	0.1	0.0	0.1	8.0
14	17.6	26.0	20.5	89.4	21.636	18.8	4.2	0.0	4.2	2.2
15	16.8	27.4	21.2	84.3	20.821	18.1	0.0	0.0	0.0	4.2
16	15.6	29.9	22.5	76.1	19.689	17.1	0.0	8.0	8.0	8.6
17	17.4	29.9	22.6	79.1	21.140	18.3	0.0	29.9	29.9	6.4
18	17.1	29.3	22.2	86.4	22.762	19.5	0.0	2.2	2.2	7.9
19	16.8	27.8	21.1	84.2	20.679	17.9	0.2	21.7	21.9	5.8
20	16.5	29.0	22.2	82.2	21.392	18.5	0.0	10.7	10.7	4.8
21	17.5	29.9	22.4	82.2	21.702	18.8	0.0	7.5	7.5	6.3
22	17.9	27.9	22.4	84.3	22.500	19.3	0.0	0.0	0.0	5.5
23	17.0	32.0	24.0	78.5	22.414	19.2	0.0	43.2	43.2	9.0
24	17.7	29.8	22.7	82.0	21.961	18.9	0.0	4.0	4.0	7.6
25	17.5	29.9	23.2	83.5	23.251	19.9	0.0	13.0	13.0	4.2
26	18.4	29.0	23.1	84.5	23.330	19.9	0.0	30.5	30.5	2.7
27	17.7	24.9	21.0	89.1	22.030	19.0	2.2	2.3	4.5	0.0
28	17.8	31.2	23.6	79.8	22.279	19.0	0.0	16.8	16.8	8.2
29	18.5	31.0	23.7	84.5	24.269	20.6	0.0	0.0	0.0	5.9
30	18.8	30.1	23.9	79.6	23.141	19.8	0.0	5.8	5.8	6.4
31	17.3	31.6	23.8	75.5	20.988	18.1	0.1	1.6	1.7	9.8
Prom.	17.2	28.7	22.3	82.7	21.707	18.7	11.0	271.6	282.6	188.8

Estación **SANTAGUEDA - FACULTAD**Municipio **PALESTINA**Año **1.971**Altitud **1.010** metrosLatitud **5-04 N.**Longitud **75-41 W.****M E S - SEPTIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.2	22.0	19.5	96.6	22.249	19.2	3.3	0.0	3.3	4.8
2	15.7	26.4	21.2	89.2	22.095	19.0	0.5	0.3	0.8	5.4
3	16.5	27.2	21.9	85.0	21.867	18.8	0.3	10.4	10.7	2.6
4	17.3	25.7	21.3	88.6	22.402	19.3	0.0	0.4	0.4	2.1
5	18.2	28.2	21.4	85.2	21.642	18.7	0.1	0.0	0.1	1.6
6	16.8	26.5	20.9	82.3	20.045	17.5	0.0	0.0	0.0	8.2
7	15.5	29.0	20.9	82.4	20.075	17.5	1.4	5.2	6.6	6.7
8	17.4	25.5	19.6	98.6	22.996	19.6	7.8	5.0	12.8	3.5
9	17.0	27.0	21.1	85.9	21.135	18.3	0.0	0.6	0.6	5.4
10	18.0	26.3	21.3	86.2	21.671	18.8	0.2	0.0	0.2	5.0
11	14.5	31.0	22.2	75.5	19.250	16.8	0.0	0.0	0.0	10.1
12	16.0	30.9	21.5	75.4	19.237	16.8	0.0	0.0	0.0	8.4
13	16.6	27.5	21.5	84.1	21.230	18.4	0.0	5.6	5.6	4.5
14	16.8	29.8	22.6	80.4	21.444	18.6	0.0	7.3	7.3	8.5
15	17.8	29.0	21.6	81.7	20.587	17.9	0.0	0.0	0.0	7.7
16	17.5	29.4	21.1	76.3	18.952	16.6	7.5	5.5	13.0	5.4
17	17.8	27.0	21.6	83.0	21.140	18.4	6.6	5.5	12.1	4.2
18	18.5	27.2	21.5	84.8	21.745	18.8	0.3	2.4	2.7	2.7
19	18.5	27.6	21.9	82.0	21.082	18.3	0.0	0.0	0.0	3.4
20	18.0	29.5	22.3	80.6	21.059	18.2	0.0	19.8	19.8	8.4
21	18.2	27.2	21.3	87.0	22.066	19.1	1.7	0.0	1.7	3.0
22	16.0	29.0	22.0	84.1	21.666	18.7	0.0	0.0	0.0	6.0
23	17.0	30.5	23.3	76.8	21.122	18.3	0.0	0.0	0.0	5.6
24	17.7	29.0	22.3	83.2	22.054	19.0	0.0	0.0	0.0	9.2
25	16.9	31.6	24.1	73.1	20.723	17.9	0.0	0.0	0.0	5.3
26	16.5	29.0	21.5	84.2	21.516	18.7	8.7	0.0	8.7	2.7
27	16.3	30.0	22.3	80.2	20.911	18.2	0.0	0.0	0.0	4.7
28	17.1	29.6	23.5	82.1	23.091	19.7	0.0	8.1	8.1	5.5
29	18.5	27.2	22.0	85.9	22.394	19.2	2.5	2.0	4.5	3.3
30	18.9	29.0	22.8	82.1	22.184	19.0	0.0	57.2	57.2	4.4
Prom.	17.3	28.2	21.7	83.4	21.321	18.4	40.9	135.3	176.2	158.3

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	26.7	21.2	83.5	20.687	18.0	0.0	0.0	0.0	1.4
2	18.0	24.0	19.5	90.7	20.642	18.0	39.6	0.0	39.6	0.9
3	17.5	29.2	21.0	81.6	20.128	17.6	4.3	0.0	4.3	4.2
4	17.8	27.5	20.4	84.6	20.438	17.8	17.7	0.2	17.9	2.1
5	17.8	29.0	21.5	84.1	21.469	18.6	14.9	0.0	14.9	0.0
6	18.5	29.1	21.8	82.8	21.406	18.5	0.0	6.3	6.3	6.8
7	17.5	29.2	21.6	77.8	19.726	17.2	2.7	0.0	2.7	5.4
8	17.5	29.6	23.3	79.4	21.914	18.9	0.0	0.0	0.0	4.1
9	18.2	30.9	22.8	82.4	22.769	19.6	0.2	41.1	41.3	
10	18.0	27.0	22.0	85.6	22.339	19.2	0.0	0.2	0.2	
11	19.4	29.0	22.0	84.6	22.261	19.2	1.3	0.0	1.3	
12	17.8	29.5	21.9	85.7	22.267	19.2	0.2	6.6	6.8	3.4
13	16.0	29.2	21.9	83.5	21.386	18.5	0.0	0.5	0.5	4.4
14	18.0	26.0	20.6	91.0	22.066	19.1	0.0	0.0	0.0	3.9
15	18.0	29.2	22.0	82.8	21.703	18.8	2.0	0.6	2.6	
16	18.0	27.2	21.0	83.5	20.538	17.9	0.0	5.5	5.5	
17	17.9	25.8	20.4	87.2	20.946	18.2	0.8	0.0	0.8	
18	16.4	29.0	21.3	84.4	21.302	18.5	0.0	0.0	0.0	
19	17.8	26.5	20.3	87.0	20.966	18.2	0.0	0.0	0.0	
20	15.0	29.5	21.8	81.1	20.382	17.7	0.0	26.6	26.6	
21	16.5	29.5	22.1	78.3	20.212	17.6	14.7	14.5	29.2	
22	17.6	23.6	18.6	98.2	21.260	18.4	6.0	1.8	7.8	
23	14.0	28.5	21.4	76.0	18.764	16.5	4.3	0.0	4.3	
24	17.9	29.4	22.0	80.0	20.675	18.0	0.0	0.0	0.0	
25	17.9	26.0	20.2	88.0	21.089	18.4	0.0	0.0	0.0	
26	13.6	23.1	21.1	81.0	19.518	17.0	0.0	0.3	0.3	
27	16.8	29.8	21.6	81.4	20.606	18.0	0.0	0.0	0.0	
28	16.2	30.6	22.8	77.0	20.326	17.6	1.1	4.8	5.9	
29	18.0	25.0	20.6	90.1	22.147	19.1	1.3	5.8	7.1	
30	15.5	28.7	22.2	80.6	20.819	18.0	0.0	15.0	15.0	
31	18.0	24.2	20.3	94.2	22.619	19.5	0.0	5.0	5.0	
Prom.	17.2	28.0	21.3	84.1	21.076	18.3	111.1	134.8	245.9	

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.1	28.0	22.0	84.3	21.710	18.7	0.0	0.0	0.0	
2	17.6	29.3	22.1	78.9	20.771	18.1	0.0	16.0	16.0	
3	17.0	25.5	21.4	87.2	21.950	19.0	0.1	0.0	0.1	
4	18.0	29.0	22.5	78.9	20.986	18.2	0.0	6.0	6.0	7.0
5	18.2	29.3	21.5	84.2	21.439	18.6	5.2	0.2	5.4	6.9
6	17.5	30.8	23.0	80.0	21.754	18.8	0.0	4.8	4.8	3.6
7	18.5	29.7	22.6	84.5	23.061	19.8	0.4	0.0	0.4	6.7
8	18.1	29.6	22.7	80.8	21.529	18.6	0.0	34.5	34.5	0.0
9	18.0	22.2	19.5	92.9	21.195	18.5	2.4	0.2	2.6	2.2
10	17.4	27.7	21.0	87.1	21.667	18.8	1.5	0.0	1.5	2.2
11	17.5	26.6	21.3	83.8	21.300	18.5	0.0	0.0	0.0	8.3
12	15.8	31.0	22.9	80.9	22.032	19.0	0.0	0.4	0.4	7.9
13	18.9	31.3	23.7	77.5	21.835	18.7	0.0	0.0	0.0	2.4
14	19.0	28.7	22.9	85.0	23.622	20.2	0.0	4.3	4.3	5.4
15	18.0	29.9	22.9	82.6	22.646	19.5	0.0	0.0	0.0	4.7
16	19.0	30.4	23.0	80.3	22.019	18.9	0.3	3.8	4.1	4.6
17	18.3	29.3	22.6	79.6	21.593	18.7	0.0	23.0	23.0	8.2
18	16.0	27.4	21.5	79.9	20.049	17.5	0.0	0.0	0.0	2.9
19	16.5	26.6	21.1	85.6	21.187	18.4	0.0	0.2	0.2	6.9
20	17.5	28.6	21.5	83.0	20.918	18.1	1.2	0.8	2.0	7.4
21	17.5	28.8	21.8	76.7	19.644	17.2	0.4	0.1	0.5	8.2
22	15.4	29.5	21.9	79.9	20.469	17.8	0.0	0.0	0.0	9.5
23	16.5	29.7	23.1	74.0	20.145	17.5	0.0	9.3	9.3	6.6
24	17.5	28.5	22.6	80.0	21.162	18.3	0.0	29.2	29.2	5.4
25	17.5	27.2	21.8	84.2	21.627	18.6	3.6	12.6	16.2	6.3
26	18.3	27.3	21.9	82.2	21.448	18.6	0.0	14.0	14.0	7.4
27	17.6	28.0	21.7	79.2	19.983	17.3	0.0	6.6	6.6	1.0
28	18.4	27.5	21.3	85.2	21.726	18.8	1.0	0.2	1.2	7.6
29	17.2	29.4	22.4	81.9	21.618	18.6	0.0	0.1	0.1	9.2
30	18.3	31.6	24.0	74.7	21.512	18.6	0.0	0.0	0.0	
Prom.	17.6	28.6	22.1	81.8	21.420	18.5	16.1	166.3	192.4	

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.0	30.5	23.4	78.2	21.927	18.9	0.0	0.0	0.0	7.1
2	18.0	28.9	22.6	79.3	20.951	18.0	0.0	0.0	0.0	4.3
3	17.5	29.9	22.5	79.9	21.419	18.6	0.0	0.0	0.0	5.4
4	16.5	31.6	22.8	80.5	21.670	18.7	0.0	0.0	0.0	7.8
5	15.5	31.3	23.4	76.5	20.771	17.8	0.0	0.0	0.0	8.2
6	17.4	30.6	23.8	72.5	20.204	17.6	0.0	0.0	0.0	8.1
7	17.5	31.3	23.8	77.3	21.752	18.7	0.0	0.0	0.0	6.6
8	17.1	29.0	23.1	82.4	22.505	19.3	0.0	0.0	0.0	1.7
9	17.8	29.9	22.7	78.4	20.723	17.9	0.0	0.0	0.0	5.3
10	18.9	30.6	23.0	74.5	20.549	17.9	0.0	8.0	8.0	6.0
11	17.5	29.0	22.5	79.6	21.065	18.2	0.0	0.0	0.0	3.8
12	17.0	30.6	22.4	81.5	21.804	18.8	0.0	8.5	8.5	7.9
13	15.8	31.5	22.9	79.1	21.251	18.4	0.0	8.0	8.0	7.8
14	17.6	31.6	23.6	78.4	21.857	18.8	0.0	0.0	0.0	6.1
15	18.0	31.9	24.5	76.0	22.380	19.2	0.0	34.0	34.0	8.1
16	18.2	29.9	22.6	88.6	23.943	20.3	1.4	0.2	1.6	4.2
17	17.1	28.0	22.2	83.7	22.043	19.0	0.0	4.6	4.6	2.9
18	17.5	28.4	22.0	85.0	22.193	19.1	0.0	0.0	0.0	3.7
19	18.8	31.6	23.8	80.6	22.924	19.6	0.0	0.0	0.0	4.7
20	18.3	29.9	22.7	83.7	22.858	19.6	0.0	28.5	28.5	6.1
21	18.4	27.7	21.1	89.1	22.547	19.4	0.0	2.6	2.6	2.3
22	17.3	28.5	21.1	82.4	20.304	17.7	9.5	28.8	38.3	3.4
23	17.9	23.0	20.1	92.9	21.725	18.8	2.6	1.8	4.4	0.0
24	17.6	29.1	21.8	85.2	21.946	19.0	0.0	20.2	20.2	6.3
25	17.5	29.3	22.7	81.4	21.817	18.8	0.0	1.2	1.2	5.4
26	18.6	30.6	23.2	83.0	22.929	19.6	0.0	5.2	5.2	7.5
27	17.8	28.0	21.9	83.0	21.556	18.7	1.0	0.4	1.4	5.3
28	18.0	29.9	21.8	78.8	20.360	17.8	0.0	13.8	13.8	5.1
29	17.8	29.6	22.0	79.1	20.360	17.7	0.0	10.0	10.0	5.8
30	17.0	27.0	20.2	85.3	20.183	17.6	0.0	1.0	1.0	4.0
31	17.2	29.3	23.0	80.3	21.863	18.9	0.0	8.2	8.2	7.1
Prom.	17.6	29.6	22.6	81.2	21.623	18.7	14.5	185.0	199.5	173.0

Estación **SANTAGUEDA - FACULTAD**Municipio **PALESTINA**Año **1.971**Altitud **1.010** MetrosLatitud **5-04 N.**Longitud **75-41 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.		
ENERO	17.6	29.5	22.5	14.5	31.6	77.2	20.405	17.8	184.7	22	194.3	
FEBRERO	17.6	28.9	22.3	14.9	32.5	78.1	20.300	17.7	305.1	20	157.2	
MARZO	18.6	29.7	23.0	16.3	32.0	80.6	22.099	19.0	383.5	24	147.0	
ABRIL	18.2	29.8	23.2	15.8	32.6	82.5	22.874	19.6	201.9	18	154.2	
MAYO	18.1	28.5	22.4	15.3	31.8	84.8	22.649	19.4	450.2	26	153.3	
JUNIO	18.0	28.8	22.7	15.0	31.2	83.1	22.498	19.3	275.7	21	178.6	
JULIO	17.6	29.4	22.9	15.5	32.0	80.6	21.895	18.8	140.2	22	188.7	
AGOSTO	17.2	28.7	22.3	14.7	32.0	82.7	21.707	18.7	282.6	25	188.8	
SEPTIEMBRE	17.3	28.2	21.7	14.5	31.6	83.4	21.321	18.4	176.2	20	158.3	
OCTUBRE	17.2	28.0	21.3	13.6	30.9	84.1	21.076	18.3	245.9	23		
NOVIEMBRE	17.6	28.6	22.1	15.4	31.6	81.8	21.420	18.5	182.4	23		
DICIEMBRE	17.6	29.6	22.6	15.5	31.9	81.2	21.623	18.7	199.5	19	173.0	
PROMEDIO	17.7	29.0	22.4	15.1	31.8	81.7	21.656	18.7				
TOTAL									3027.9	263		

Estación **CENICAFE**Municipio **CHINCHINA**Año **1.971**Altitud **1.310** metrosLatitud **4-59 N.**Longitud **75-35 W.****M E S - ENERO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.4	28.0	21.2	80.0	19.949	17.4	0.0	5.1	5.1	5.0
2	17.6	27.3	21.8	76.9	19.653	17.2	0.0	0.2	0.2	6.1
3	17.8	28.0	21.9	77.5	20.174	17.6	0.0	26.6	26.6	5.5
4	17.0	20.5	18.4	91.4	19.658	17.2	3.1	0.0	3.1	0.0
5	15.0	26.0	19.4	80.0	17.980	15.8	22.0	11.1	33.1	3.4
6	16.6	22.4	18.9	88.6	19.399	17.0	10.8	1.1	11.9	0.6
7	17.0	23.0	18.5	87.7	19.031	16.7	39.6	9.5	49.1	0.8
8	16.4	24.2	19.3	86.5	19.286	16.9	9.9	3.3	13.2	3.2
9	17.0	25.8	19.4	77.0	17.229	15.1	4.6	0.0	4.6	3.8
10	16.0	26.8	19.8	80.3	18.091	15.9	1.0	16.9	17.9	5.0
11	16.0	26.2	20.1	81.0	18.911	16.6	0.0	0.0	0.0	4.2
12	16.0	28.2	21.0	72.7	17.457	15.3	1.1	60.7	61.8	8.5
13	17.2	24.4	19.6	81.1	18.509	16.3	0.0	0.0	0.0	3.4
14	15.6	27.4	20.0	74.8	17.139	15.0	0.5	0.1	0.6	8.0
15	16.0	28.5	21.3	73.8	18.276	16.0	0.0	6.5	6.5	6.8
16	16.5	26.0	18.9	84.3	18.698	16.5	36.2	0.7	36.9	2.9
17	13.8	25.6	18.8	81.6	17.299	15.2	0.0	5.4	5.4	8.9
18	16.0	25.5	19.8	72.5	16.287	14.2	4.0	0.0	4.0	5.7
19	17.2	28.0	19.7	79.2	18.083	15.9	15.0	3.9	18.9	5.4
20	16.0	25.5	19.3	79.2	17.476	15.3	0.2	0.0	0.2	4.7
21	16.8	27.2	21.2	74.8	18.163	15.9	0.0	0.0	0.0	8.5
22	17.0	27.8	20.6	77.1	18.412	16.2	0.0	0.0	0.0	7.3
23	17.0	28.0	21.6	68.2	16.938	14.8	0.1	0.0	0.1	9.5
24	17.0	28.2	21.3	70.0	17.571	15.4	0.1	2.3	2.4	8.5
25	17.4	28.2	21.2	73.8	18.449	16.2	0.0	0.0	0.0	7.4
26	16.5	28.2	19.8	74.5	16.935	14.8	1.6	1.4	3.0	6.5
27	16.2	28.0	21.0	75.3	18.263	16.1	0.0	0.0	0.0	6.9
28	16.0	28.0	20.9	73.5	17.767	15.6	0.9	2.1	3.0	8.1
29	15.3	27.0	20.4	73.8	17.301	15.2	0.0	0.0	0.0	6.7
30	17.0	27.6	21.7	75.7	19.086	16.8	1.5	2.9	4.4	6.4
31	17.0	25.8	20.3	82.4	19.652	17.2	8.3	0.0	8.3	4.2
Prom.	16.5	26.5	20.2	78.2	18.294	16.0	160.5	159.8	320.3	171.9

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	25.0	19.9	82.8	19.419	17.0	0.0	0.0	0.0	2.0
2	17.0	28.2	21.2	78.1	19.287	16.9	0.0	8.8	8.8	7.0
3	17.8	24.5	20.0	88.6	20.698	18.1	0.1	23.0	23.1	1.8
4	17.3	22.2	18.4	92.5	19.786	17.3	34.5	8.6	43.1	0.0
5	16.5	24.5	18.5	87.3	18.637	16.4	0.3	4.4	4.7	3.7
6	16.8	27.8	20.8	75.8	18.110	15.9	3.2	10.4	13.6	8.9
7	17.0	26.0	19.7	81.0	18.610	16.3	10.3	0.0	10.3	3.1
8	16.6	28.0	20.7	77.5	18.685	16.4	0.3	5.4	5.7	9.7
9	17.4	28.0	21.1	76.1	18.648	16.4	0.0	10.9	10.9	9.1
10	17.0	24.8	19.0	86.9	19.295	16.9	0.5	0.1	0.6	5.1
11	14.2	27.8	20.1	68.0	15.346	13.3	0.0	1.5	1.5	10.1
12	17.4	24.9	19.8	80.4	18.425	16.2	0.0	31.1	31.1	4.5
13	17.2	25.2	19.5	83.1	18.953	16.6	4.3	11.2	15.5	2.4
14	16.8	22.6	18.3	94.2	19.674	17.2	7.5	0.0	7.5	0.8
15	17.2	27.0	19.4	81.3	18.443	16.2	12.1	0.1	12.2	7.4
16	16.0	25.7	20.1	79.4	18.450	16.2	0.0	40.3	40.3	4.5
17	16.5	27.0	20.2	80.1	18.619	16.4	3.4	12.1	15.5	8.3
18	17.3	23.0	18.4	90.0	19.152	16.8	10.2	0.0	10.2	0.8
19	17.2	23.6	17.7	94.1	19.167	16.8	16.3	0.0	16.3	1.2
20	15.4	27.0	20.0	77.5	17.783	15.6	8.3	19.0	27.3	7.7
21	16.6	23.8	19.4	83.5	18.633	16.4	0.1	5.0	5.1	0.0
22	16.5	21.8	18.0	92.0	19.207	16.8	3.4	0.0	3.4	0.4
23	15.0	27.6	20.2	72.8	16.719	14.7	0.2	0.1	0.3	6.1
24	17.2	26.3	20.3	77.9	18.761	16.5	0.1	0.0	0.1	4.8
25	15.2	29.8	21.8	70.4	17.786	15.6	0.0	8.7	8.7	8.1
26	17.2	25.0	20.5	83.2	20.030	17.5	0.7	0.0	0.7	2.0
27	16.5	28.2	21.5	71.9	17.830	15.7	0.0	0.0	0.0	7.5
28	15.8	29.8	21.3	68.8	16.799	14.7	0.2	0.0	0.2	8.8
Prom.	16.6	25.9	19.9	81.3	18.605	16.3	116.0	200.7	316.7	135.8

Estación **CENICAFE**Municipio **CHINCHINA**Año **1.971**Altitud **1.310** metrosLatitud **4-59 N.**Longitud **75-35 W.****M E S - MARZO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.4	25.2	17.9	84.2	17.285	15.2	1.3	0.0	1.3	3.2
2	16.5	28.5	20.3	74.5	17.400	15.3	12.5	37.8	50.3	7.5
3	16.0	27.0	19.5	79.2	17.469	15.3	38.8	1.5	40.3	7.5
4	16.8	26.8	20.4	80.6	18.813	16.4	0.7	0.0	0.7	4.7
5	16.5	28.5	22.2	67.9	17.554	15.4	0.1	0.0	0.1	10.0
6	18.0	29.2	22.5	71.3	19.112	16.8	0.0	5.2	5.2	9.4
7	18.0	24.0	19.2	93.0	20.943	18.2	21.7	4.2	25.9	0.0
8	16.5	27.8	19.1	86.9	19.622	17.2	40.9	3.1	44.0	3.3
9	16.0	27.0	20.9	75.6	18.357	16.1	0.0	0.0	0.0	3.8
10	16.4	29.2	22.0	68.9	17.397	15.3	0.0	0.0	0.0	6.1
11	18.0	26.8	21.2	79.3	20.060	17.5	0.2	6.2	6.4	5.3
12	17.3	25.0	20.7	80.5	19.283	16.9	0.1	0.3	0.4	1.8
13	17.0	25.6	21.0	78.3	19.243	16.9	0.3	25.4	25.7	3.7
14	17.0	26.6	21.2	78.2	19.232	16.9	0.1	17.6	17.7	4.0
15	17.6	27.0	19.7	82.4	18.990	16.7	28.9	0.0	28.9	3.4
16	17.3	25.6	17.7	94.3	19.013	16.7	26.3	0.1	26.4	2.6
17	15.8	25.8	20.1	80.7	18.854	16.6	0.2	14.2	14.4	4.7
18	16.8	25.2	20.1	80.4	18.636	16.4	1.1	3.7	4.8	3.6
19	17.4	24.8	20.6	83.3	20.025	17.5	0.6	7.1	7.7	2.5
20	17.4	22.8	19.0	85.7	19.143	16.8	12.6	0.3	12.9	1.1
21	16.8	26.8	20.3	79.0	18.755	16.5	0.0	17.6	17.6	4.3
22	17.3	25.2	20.2	81.3	19.081	16.8	4.2	39.6	43.8	2.8
23	15.6	25.4	19.9	79.9	18.272	16.1	0.0	7.1	7.1	5.9
24	17.2	26.8	20.6	81.8	19.424	17.0	10.5	23.0	33.5	4.0
25	16.5	27.0	19.9	80.6	18.617	16.4	0.6	22.7	23.3	4.1
26	16.8	26.6	20.5	81.7	19.469	17.1	1.6	9.7	11.3	5.4
27	17.5	28.5	21.4	80.1	20.091	17.6	1.4	5.0	6.4	5.8
28	17.5	24.8	19.0	87.8	19.474	17.1	0.9	1.8	2.7	2.5
29	17.0	24.5	19.3	86.1	19.481	17.1	0.4	0.0	0.4	0.4
30	16.6	27.8	20.1	77.7	18.163	16.0	13.1	18.4	31.5	4.5
31	16.0	25.0	18.9	85.5	18.693	16.4	14.8	0.4	15.2	1.0
Prom.	16.9	26.3	20.2	80.9	18.902	16.6	233.9	272.0	505.9	128.9

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	25.4	19.3	81.3	18.224	16.0	0.2	0.3	0.5	3.2
2	16.5	26.8	20.1	78.7	18.314	16.1	0.5	6.3	6.8	7.9
3	16.2	20.6	17.6	91.5	18.663	16.4	10.5	0.0	10.5	0.0
4	14.0	27.8	19.8	73.3	16.269	14.3	0.0	0.0	0.0	10.5
5	16.0	28.6	21.2	71.9	17.644	15.5	0.0	0.0	0.0	8.5
6	17.2	27.6	21.1	76.8	18.976	16.6	0.0	0.0	0.0	3.1
7	17.6	27.8	19.7	77.0	17.932	15.8	43.7	9.2	52.9	2.6
8	16.2	27.2	20.6	74.8	17.453	15.3	0.0	0.0	0.0	6.1
9	17.2	28.8	21.8	75.6	19.254	16.9	0.0	4.3	4.3	3.7
10	16.7	26.8	20.8	79.4	19.230	16.9	0.6	0.0	0.6	3.5
11	17.4	29.8	21.3	74.6	18.667	16.4	0.0	0.1	0.1	4.3
12	17.0	31.0	21.5	70.3	17.516	15.4	0.9	0.0	0.9	7.3
13	16.2	29.8	21.4	72.9	18.397	16.2	0.0	1.2	1.2	6.3
14	17.7	28.8	19.4	92.0	20.929	18.2	16.4	2.0	18.4	3.4
15	17.0	28.0	20.9	80.1	19.646	17.2	0.0	0.7	0.7	2.5
16	17.3	30.2	21.7	79.1	19.767	17.2	0.1	0.3	0.4	6.1
17	18.0	28.0	19.6	91.3	20.628	18.0	6.5	4.7	11.2	4.7
18	17.3	23.0	19.0	85.9	19.105	16.8	2.9	0.0	2.9	0.3
19	16.5	21.8	18.6	88.4	19.033	16.7	5.0	0.0	5.0	0.0
20	16.0	26.0	19.6	89.5	20.243	17.7	0.6	24.0	24.6	3.2
21	17.0	25.8	20.3	82.9	19.695	17.3	0.0	0.7	0.7	1.8
22	17.3	26.2	21.0	81.3	20.148	17.6	0.2	41.7	41.9	2.0
23	17.0	26.7	19.7	81.4	18.851	16.5	1.8	28.8	30.6	1.8
24	17.0	28.0	20.9	82.6	20.136	17.6	0.0	0.0	0.0	5.7
25	16.0	29.0	22.2	68.5	17.882	15.7	0.0	0.0	0.0	5.9
26	16.2	28.5	20.2	69.2	16.048	14.0	0.0	0.0	0.0	7.0
27	16.0	30.0	22.1	73.0	18.871	16.5	0.0	30.1	30.1	5.7
28	17.3	28.8	21.2	74.6	18.686	16.4	0.0	1.6	1.6	3.2
29	17.0	28.0	20.9	77.2	18.647	16.4	1.3	2.3	3.6	5.6
30	16.6	26.5	19.7	82.1	18.956	16.7	0.2	0.0	0.2	2.9
Prom.	16.7	27.4	20.4	79.2	18.794	16.5	91.4	158.3	249.7	128.8

Estación **CENICAFE**Municipio **CHINCHINA**Año **1.971**Altitud **1.310** metrosLatitud **4-59 N.**Longitud **75-35 W.****M E S - MAYO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	26.8	19.5	82.4	18.982	16.7	5.9	0.0	5.9	3.7
2	16.0	26.8	20.1	81.3	19.196	16.9	0.0	0.0	0.0	3.6
3	17.5	26.2	19.9	77.5	18.142	16.0	3.5	16.3	19.8	3.3
4	17.0	23.5	19.4	89.5	20.482	17.8	2.4	0.0	2.4	1.5
5	15.4	26.8	20.5	82.6	19.501	17.0	0.1	20.4	20.5	5.4
6	17.0	22.8	18.5	92.0	19.819	17.3	0.8	0.0	0.8	0.9
7	15.2	28.0	19.8	80.3	18.250	16.1	17.0	16.6	33.6	5.7
8	17.2	25.5	20.4	83.0	19.904	17.4	0.9	0.1	1.0	1.5
9	17.0	27.8	20.8	76.8	18.415	16.2	0.5	1.4	1.9	6.5
10	18.0	26.5	21.3	79.8	20.164	17.7	0.1	0.4	0.5	3.7
11	17.8	26.2	21.0	84.0	20.813	18.1	0.1	1.6	1.7	3.2
12	17.5	25.4	20.0	89.7	21.147	18.4	2.8	0.1	2.9	1.5
13	16.5	28.4	20.9	83.1	20.316	17.7	0.0	11.4	11.4	6.7
14	17.0	21.5	18.3	89.3	18.947	16.6	16.7	0.0	16.7	0.0
15	15.6	26.8	20.6	80.1	19.175	16.8	0.0	53.4	53.4	5.0
16	17.2	25.2	19.8	85.0	19.855	17.4	0.1	0.0	0.1	3.3
17	17.2	28.4	20.6	77.7	18.480	16.2	0.0	0.5	0.5	5.6
18	17.6	27.0	20.5	80.0	19.048	16.7	0.0	30.0	30.0	5.9
19	17.0	27.5	20.1	85.6	19.827	17.3	0.7	0.0	0.7	5.9
20	17.0	28.2	21.0	76.7	18.689	16.4	0.1	0.3	0.4	1.6
21	17.2	26.5	20.0	83.7	19.630	17.2	1.3	0.0	1.3	4.2
22	15.4	27.8	20.3	78.7	18.241	16.0	3.3	2.8	6.1	5.4
23	17.2	27.8	20.9	81.7	19.764	17.3	0.0	0.0	0.0	3.2
24	17.0	27.0	20.4	82.5	19.820	17.3	0.1	1.9	2.0	4.0
25	17.2	25.2	20.2	85.1	20.120	17.6	0.2	15.8	16.0	1.9
26	17.0	28.0	20.9	79.1	19.288	16.9	0.0	0.0	0.0	7.2
27	18.0	28.8	20.5	81.7	19.980	17.5	34.3	0.8	35.1	6.0
28	17.8	24.8	20.1	83.2	19.724	17.3	0.7	0.0	0.7	3.1
29	16.6	25.8	20.0	82.2	19.100	16.7	0.9	28.1	29.0	4.3
30	17.3	23.8	19.0	87.9	19.502	17.1	30.3	4.3	34.6	0.8
31	16.0	28.0	21.2	75.4	18.224	15.9	0.0	0.4	0.4	6.1
Prom.	16.9	26.4	20.2	82.5	19.437	17.0	122.8	206.6	329.4	120.7

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.0	27.0	20.9	80.8	19.976	17.5	2.1	4.1	6.2	5.1
2	17.5	28.8	21.0	79.3	19.505	17.1	0.0	0.0	0.0	5.8
3	17.0	29.5	22.1	72.2	18.709	16.4	0.0	12.9	12.9	8.8
4	17.0	27.8	21.2	78.2	19.588	17.1	0.0	7.2	7.2	5.0
5	17.2	27.5	21.6	82.1	20.908	18.2	2.5	13.5	16.0	4.5
6	17.2	27.2	20.1	80.1	18.714	16.5	2.2	0.0	2.2	3.5
7	17.5	26.6	20.0	81.7	19.236	16.9	2.7	0.0	2.7	2.1
8	17.0	28.8	21.1	81.0	20.037	17.5	0.0	0.0	0.0	8.0
9	17.8	26.0	20.7	75.5	18.385	16.2	0.1	0.0	0.1	3.6
10	17.8	25.2	20.9	79.3	19.696	17.3	0.0	0.0	0.0	1.5
11	16.6	28.2	20.9	78.2	19.069	16.7	0.0	14.0	14.0	6.3
12	17.0	25.0	17.4	95.3	19.029	16.7	20.1	0.3	20.4	1.1
13	15.5	26.0	19.6	82.5	18.691	16.4	1.4	4.1	5.5	3.0
14	14.5	26.0	19.6	80.7	18.268	16.1	0.2	0.0	0.2	7.8
15	16.8	27.8	21.3	78.7	19.739	17.3	0.0	22.7	22.7	4.1
16	17.7	25.6	20.5	82.1	19.866	17.4	0.1	0.0	0.1	3.6
17	17.2	29.0	21.7	74.4	19.219	16.9	11.1	2.3	13.4	5.0
18	17.2	23.2	19.5	83.9	19.094	16.7	2.1	0.3	2.4	0.8
19	17.0	27.2	21.1	78.9	19.312	16.9	0.0	19.5	19.5	6.2
20	17.2	28.0	21.0	77.1	18.842	16.6	0.0	0.0	0.0	7.5
21	16.8	26.2	18.2	91.3	18.987	16.7	6.6	21.0	27.6	4.5
22	16.0	22.8	18.1	87.9	18.564	16.3	1.5	0.0	1.5	2.0
23	15.2	28.8	21.1	70.8	16.942	14.8	0.0	2.8	2.8	8.5
24	16.8	27.0	20.3	81.1	19.047	16.7	5.3	0.3	5.6	6.2
25	16.6	29.5	21.3	77.6	18.938	16.5	0.0	5.9	5.9	9.0
26	18.0	26.0	20.8	82.9	20.170	17.6	0.4	6.8	7.2	2.7
27	17.4	25.8	20.1	84.9	19.846	17.4	2.9	0.8	3.7	3.4
28	17.0	25.8	19.7	82.7	18.954	16.6	0.8	0.0	0.8	4.8
29	17.0	26.0	20.1	78.9	18.622	16.4	0.4	14.3	14.7	2.5
30	17.2	27.0	20.7	79.4	19.241	16.9	0.2	2.8	3.0	4.3
Prom.	17.0	26.8	20.4	80.7	19.173	16.8	62.7	155.6	218.3	141.7

Estación **CENICAFE**
 Altitud **1.310** metros

Municipio **CHINCHINA**
 Latitud **4-59 N.**

Año **1.971**
 Longitud **75-35 W.**

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.6	27.0	20.4	77.2	18.302	16.1	12.2	0.0	12.2	4.7
2	17.2	25.5	20.2	78.6	18.480	16.2	0.0	75.8	75.8	3.4
3	16.8	25.4	19.8	81.3	18.753	16.5	0.0	0.1	0.1	3.8
4	17.2	23.8	18.8	87.9	19.245	16.9	2.1	0.1	2.2	2.2
5	16.2	26.8	20.3	77.5	18.154	16.0	0.0	0.0	0.0	6.3
6	15.4	27.8	20.4	74.1	17.704	15.6	0.0	1.6	1.6	5.9
7	17.0	26.2	20.8	82.6	19.975	17.5	0.8	10.2	11.0	4.5
8	16.8	29.8	21.8	72.8	18.326	16.1	0.0	0.0	0.0	7.6
9	17.2	29.0	21.9	75.1	19.408	17.0	0.0	0.0	0.0	5.5
10	17.2	27.2	20.9	77.3	19.150	16.8	3.8	0.0	3.8	3.4
11	16.0	25.0	19.5	78.6	17.584	15.5	0.6	0.0	0.6	4.8
12	16.5	26.0	19.5	89.2	20.193	17.6	6.6	8.9	15.5	6.3
13	17.2	26.0	20.5	79.9	18.957	16.7	7.0	3.2	10.2	4.5
14	16.8	25.7	19.4	83.3	18.918	16.6	1.8	0.0	1.8	2.6
15	15.4	26.6	20.5	76.7	18.007	15.8	0.0	0.0	0.0	6.2
16	16.8	27.9	20.7	76.3	18.464	16.3	0.0	0.0	0.0	7.3
17	15.6	26.5	19.4	82.7	18.435	16.2	0.5	0.6	1.1	4.8
18	16.8	28.8	22.1	68.8	17.339	15.3	0.0	0.0	0.0	9.1
19	16.6	29.5	22.0	65.2	16.775	14.8	0.0	0.0	0.0	7.8
20	16.8	28.2	21.6	69.8	17.616	15.4	0.0	0.0	0.0	3.8
21	16.6	30.0	22.2	72.2	18.350	16.0	0.2	0.0	0.2	6.7
22	18.0	27.2	20.2	78.8	18.871	16.6	0.0	0.0	0.0	4.3
23	17.0	28.5	21.2	74.8	18.398	16.2	0.0	1.7	1.7	5.4
24	16.6	28.8	21.3	70.5	17.103	15.0	0.0	0.0	0.0	6.9
25	16.2	30.0	22.0	68.2	17.391	15.3	0.0	7.5	7.5	8.1
26	16.0	25.0	19.4	81.7	18.493	16.3	0.0	0.5	0.5	1.5
27	16.8	27.0	20.5	77.5	18.475	16.2	5.8	0.0	5.8	5.1
28	16.5	26.2	20.2	75.8	17.968	15.8	0.0	0.0	0.0	2.0
29	16.0	28.5	21.2	72.5	18.050	15.9	0.0	3.0	3.0	7.3
30	17.0	28.0	21.0	77.9	19.050	16.7	0.0	29.3	29.3	7.4
31	17.0	27.8	21.2	73.8	17.955	15.8	0.0	4.3	4.3	6.8
Prom.	16.7	27.3	20.7	76.7	18.384	16.2	41.4	146.8	188.2	166.0

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.2	26.6	21.1	76.7	18.810	16.5	0.0	0.0	0.0	7.5
2	17.0	27.8	21.5	71.0	17.489	15.3	0.0	0.0	0.0	6.9
3	17.0	28.0	20.1	77.7	18.196	16.0	18.7	0.9	19.6	5.0
4	16.7	24.8	19.2	82.5	18.442	16.2	4.8	38.6	43.4	2.8
5	15.6	25.0	19.1	81.7	17.782	15.6	0.2	0.0	0.2	3.2
6	15.7	25.5	19.2	83.6	18.369	16.1	0.1	0.0	0.1	4.4
7	16.2	28.0	20.5	74.5	17.489	15.4	0.0	1.5	1.5	7.7
8	17.0	25.0	19.4	86.1	19.742	17.3	1.3	0.0	1.3	1.7
9	14.5	27.5	20.4	70.7	16.311	14.3	0.1	0.2	0.3	7.8
10	16.6	26.8	20.9	75.7	18.398	16.2	0.4	10.0	10.4	5.2
11	17.2	27.0	21.0	76.2	18.659	16.4	3.0	37.2	40.2	6.3
12	15.6	22.4	18.2	87.5	18.405	16.2	2.2	0.0	2.2	1.5
13	14.8	28.2	20.2	75.0	17.071	15.0	0.1	0.1	0.2	9.2
14	16.2	23.0	17.6	89.8	18.363	16.2	2.3	0.0	2.3	1.6
15	15.5	24.8	19.2	77.0	16.798	14.7	0.0	0.0	0.0	2.3
16	13.5	27.0	19.9	71.5	15.828	13.8	0.0	22.9	22.9	7.6
17	16.4	27.8	20.5	74.8	17.713	15.6	0.1	28.0	28.1	5.7
18	16.0	27.0	20.7	78.8	18.963	16.7	0.0	2.3	2.3	6.2
19	16.5	25.0	20.1	81.7	18.902	16.6	0.0	0.0	0.0	3.1
20	16.5	26.7	18.7	83.1	17.994	15.9	0.9	19.8	20.7	3.5
21	17.0	26.5	20.0	87.1	20.193	17.6	3.0	7.9	10.9	5.3
22	17.3	26.2	20.7	82.6	20.074	17.6	0.2	0.0	0.2	5.4
23	17.0	29.0	21.5	74.9	18.897	16.6	0.0	23.7	23.7	7.6
24	16.3	28.4	20.6	77.4	18.341	16.1	0.3	0.0	0.3	6.8
25	17.0	27.0	20.8	76.8	18.786	16.5	0.4	11.5	11.9	5.0
26	17.3	25.2	21.1	79.5	19.607	17.2	0.1	11.4	11.5	2.8
27	17.0	21.8	18.3	92.2	19.520	17.1	5.3	2.1	7.4	0.3
28	16.5	28.0	21.2	76.3	18.565	16.3	0.2	1.9	2.1	7.0
29	17.5	28.0	21.4	76.0	18.959	16.6	0.1	1.8	1.9	4.5
30	18.0	27.6	21.6	77.2	19.619	17.2	0.7	6.0	6.7	4.2
31	17.8	29.4	22.5	75.0	19.585	17.1	0.0	2.5	2.5	9.4
Prom.	16.5	26.5	20.2	79.1	18.447	16.2	44.5	230.3	274.8	157.5

Estación CENICAFE

Municipio CHINCHINA

Año 1.971

Altitud 1.310 metros

Latitud 4-59 N.

Longitud 75-35 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	21.8	17.6	96.0	19.730	17.3	23.1	0.0	23.1	0.8
2	15.0	25.0	18.9	86.6	18.828	16.4	1.0	0.1	1.1	5.1
3	16.5	25.3	20.4	78.8	18.561	16.3	0.0	27.0	27.0	0.7
4	16.8	22.8	19.1	89.9	19.888	17.4	1.4	0.2	1.6	1.4
5	16.6	25.8	20.1	75.5	17.731	15.6	0.0	0.0	0.0	3.6
6	16.0	25.6	19.5	75.6	17.153	15.1	0.9	0.0	0.9	5.5
7	15.3	27.2	19.6	78.2	17.464	15.3	2.5	2.1	4.6	3.2
8	16.4	21.4	17.4	94.7	19.043	16.7	23.1	2.7	25.8	1.7
9	15.8	24.2	18.7	92.0	19.463	17.1	5.7	0.7	6.4	4.2
10	16.5	25.5	19.7	81.2	18.440	16.2	0.2	0.0	0.2	4.2
11	14.0	29.2	21.1	69.9	16.557	14.5	0.0	0.8	0.8	10.3
12	17.2	29.5	22.7	67.0	17.422	15.2	0.0	16.5	16.5	8.1
13	16.6	25.5	19.3	82.9	18.557	16.3	2.0	0.0	2.0	2.8
14	16.2	27.6	20.8	73.9	17.647	15.5	0.0	16.9	16.9	8.2
15	16.5	28.2	20.9	74.6	17.983	15.8	0.0	10.6	10.6	6.9
16	16.8	26.0	19.5	80.7	18.218	16.0	0.0	2.6	2.6	4.9
17	17.0	23.8	18.5	93.1	19.974	17.5	14.4	11.1	25.5	2.6
18	17.2	23.4	19.1	88.2	19.572	17.2	1.3	6.1	7.4	0.9
19	17.6	25.2	20.4	82.5	19.750	17.3	1.6	3.0	4.6	3.0
20	17.4	27.6	20.8	77.6	18.770	16.5	1.8	4.5	6.3	5.6
21	17.3	26.0	20.0	82.3	19.263	16.9	18.8	1.1	19.9	3.7
22	14.5	26.8	19.9	78.2	17.926	15.8	0.0	0.0	0.0	6.3
23	16.8	28.0	21.0	71.6	17.474	15.4	1.7	0.0	1.7	4.4
24	16.6	26.6	20.7	76.6	18.647	16.4	0.0	2.3	2.3	4.8
25	16.8	28.4	21.6	73.3	18.568	16.3	0.1	0.3	0.4	6.5
26	16.8	26.2	20.2	81.0	19.275	16.9	7.1	0.0	7.1	1.6
27	14.5	26.6	20.0	74.0	17.170	15.1	0.0	0.0	0.0	5.5
28	16.2	28.0	19.9	79.8	18.704	16.4	0.5	0.6	1.1	5.3
29	17.7	25.0	19.8	84.2	19.396	17.0	5.0	13.4	18.4	2.3
30	17.6	26.8	21.1	85.1	21.301	18.5	0.0	12.6	12.6	2.5
Prom.	16.4	26.0	19.9	80.8	18.616	16.3	112.2	135.2	247.4	126.6

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	28.0	20.1	77.8	18.367	16.2	0.2	1.5	1.7	2.5
2	17.0	23.0	19.2	83.0	18.466	16.2	6.4	0.0	6.4	2.8
3	16.0	25.3	17.8	91.2	18.808	16.5	5.2	0.2	5.4	2.6
4	16.0	24.5	19.1	87.4	19.348	17.0	0.0	0.0	0.0	1.5
5	16.3	27.2	20.3	82.1	19.475	17.1	1.0	0.1	1.1	3.3
6	16.4	27.4	19.5	83.6	18.910	16.6	14.7	6.1	20.8	5.7
7	14.7	28.0	20.0	77.7	17.810	15.6	0.1	0.0	0.1	5.4
8	13.6	28.0	20.9	75.5	18.034	15.9	0.0	11.7	11.7	5.0
9	16.8	28.1	19.6	81.1	18.868	16.6	15.8	47.8	63.6	5.1
10	16.0	25.7	19.9	87.1	20.434	17.9	2.7	0.3	3.0	3.0
11	16.9	25.0	19.8	81.7	19.219	16.9	0.8	0.0	0.8	1.8
12	15.7	26.3	20.3	81.4	19.193	16.8	0.7	0.4	1.1	3.0
13	14.2	26.7	20.3	78.3	18.509	16.3	0.0	9.7	9.7	5.0
14	15.4	24.5	19.2	86.9	19.693	17.2	0.2	0.0	0.2	2.9
15	15.1	27.4	19.9	82.5	18.958	16.6	0.1	0.0	0.1	7.5
16	16.0	25.3	19.9	76.7	17.744	15.6	0.0	0.9	0.9	3.1
17	15.9	24.2	18.2	88.9	18.946	16.6	1.2	0.0	1.2	0.7
18	15.0	26.5	20.0	81.1	18.949	16.7	0.4	3.4	3.8	3.6
19	14.8	24.0	18.7	83.2	18.536	16.2	1.3	0.0	1.3	2.9
20	14.0	26.8	20.4	79.1	18.787	16.5	0.0	1.8	1.8	6.7
21	14.8	28.6	20.2	74.7	17.214	15.1	2.3	90.1	92.4	9.1
22	16.0	22.3	16.8	94.3	18.386	16.2	9.4	0.0	9.4	0.5
23	13.8	26.5	18.4	83.0	17.437	15.3	2.9	0.1	3.0	6.7
24	15.8	27.5	20.0	78.1	18.056	15.9	3.8	1.6	5.4	6.3
25	15.0	25.1	19.1	82.8	18.460	16.2	0.0	0.0	0.0	2.4
26	12.8	27.2	19.3	76.7	16.590	14.5	0.1	0.0	0.1	10.0
27	14.8	28.2	20.3	76.8	18.007	15.8	2.0	0.0	2.0	8.1
28	15.0	28.0	21.6	72.9	18.116	15.9	0.0	37.5	37.5	6.1
29	16.3	23.5	18.8	90.1	19.875	17.4	5.3	0.0	5.3	1.3
30	14.0	26.0	19.2	85.3	18.945	16.6	0.1	18.6	18.7	4.7
31	16.1	22.2	18.7	84.8	18.366	16.1	2.9	2.5	5.4	0.0
Prom.	15.4	26.0	19.5	82.1	18.597	16.3	79.6	234.3	313.9	129.3

Estación CENICAFE

Municipio CHINCHINA

Año 1.971

Altitud 1.310 metros

Latitud 4-59 N.

Longitud 75-35 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	25.6	19.5	84.4	19.364	17.0	32.7	0.0	32.7	2.8
2	15.0	28.0	19.9	79.1	17.791	15.6	5.4	7.3	12.7	6.7
3	15.4	23.0	19.2	85.6	18.914	16.6	0.2	0.0	0.2	0.0
4	15.2	28.2	20.4	73.3	17.464	15.4	0.1	0.5	0.6	6.3
5	16.1	27.0	20.2	81.4	19.192	16.8	4.3	0.3	4.6	6.7
6	14.8	28.5	20.3	78.6	18.449	16.2	24.3	21.4	45.7	7.4
7	16.5	26.2	19.4	82.8	18.604	16.3	9.3	0.0	9.3	3.1
8	15.0	27.0	20.6	78.8	18.699	16.4	0.0	36.4	36.4	7.3
9	16.0	20.4	18.0	94.8	19.497	17.1	3.5	0.0	3.5	0.4
10	15.1	25.0	19.7	81.1	18.541	16.3	0.2	0.0	0.2	2.1
11	14.8	24.6	19.2	76.7	16.831	14.8	0.0	0.0	0.0	3.0
12	14.8	23.5	20.9	69.1	16.694	14.6	2.4	11.7	14.1	8.1
13	17.0	29.0	21.9	72.3	18.722	16.4	0.0	25.3	25.3	8.8
14	17.0	26.3	20.5	81.2	19.353	17.0	1.8	0.2	2.0	3.1
15	16.0	28.0	21.4	77.8	19.396	17.0	0.0	0.0	0.0	6.5
16	16.8	27.2	20.9	76.6	18.901	16.6	0.0	6.5	6.5	5.4
17	17.0	25.8	19.4	86.5	19.783	17.3	11.8	33.0	44.8	2.9
18	14.0	24.0	18.6	82.6	17.454	15.3	5.0	0.2	5.2	4.8
19	14.7	25.2	19.3	84.6	18.846	16.6	0.1	0.0	0.1	3.9
20	16.3	26.8	20.1	75.8	17.502	15.4	1.2	0.0	1.2	6.9
21	15.8	27.3	19.9	72.1	16.551	14.5	0.8	0.0	0.8	7.7
22	14.5	27.0	19.6	76.5	16.946	14.8	0.0	0.0	0.0	7.3
23	15.1	27.0	20.3	71.7	16.389	14.3	0.0	0.0	0.0	9.2
24	16.0	25.2	19.7	83.2	18.848	16.5	3.8	3.2	7.0	5.9
25	16.6	25.0	18.9	85.5	18.663	16.4	0.0	9.5	9.5	3.5
26	16.2	25.6	20.3	83.4	19.611	17.2	0.0	4.5	4.5	4.3
27	16.0	27.6	20.8	77.6	18.611	16.3	0.0	1.5	1.5	8.3
28	17.0	23.8	19.5	85.2	19.428	17.1	2.1	0.0	2.1	1.0
29	13.5	26.8	19.5	76.9	16.870	14.8	0.0	0.0	0.0	8.1
30	15.8	28.9	21.1	74.5	18.202	16.0	0.0	0.1	0.1	8.8
Prom.	15.7	26.3	20.0	79.7	18.337	16.1	109.0	161.6	270.6	160.3

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	28.6	21.2	73.9	18.103	15.8	0.0	0.0	0.0	7.5
2	15.6	26.6	20.2	79.1	18.594	16.3	0.9	0.0	0.9	4.3
3	14.5	27.0	19.4	75.2	16.824	14.8	5.3	0.0	5.3	5.0
4	14.5	26.8	20.7	71.1	16.971	14.9	0.0	0.0	0.0	6.4
5	14.8	27.2	20.9	74.6	17.882	15.7	0.0	0.0	0.0	7.4
6	15.5	29.2	21.3	76.4	18.563	16.2	0.0	0.0	0.0	7.3
7	15.5	28.4	21.5	75.0	18.841	16.5	0.0	0.0	0.0	6.4
8	16.5	26.0	21.4	88.5	23.180	19.7	0.0	0.0	0.0	2.6
9	16.0	28.2	21.2	76.0	18.892	16.6	0.0	0.1	0.1	6.6
10	17.0	29.0	20.4	79.1	19.135	16.8	6.4	0.0	6.4	7.5
11	16.0	26.6	21.0	75.0	18.506	16.3	0.0	0.0	0.0	7.8
12	15.5	28.0	21.0	73.3	17.918	15.8	0.0	0.0	0.0	6.7
13	15.5	29.4	21.6	71.2	17.595	15.4	0.0	0.0	0.0	6.5
14	16.5	29.0	22.4	76.2	20.048	17.5	0.0	0.0	0.0	6.7
15	17.0	29.0	22.3	75.7	19.734	17.2	0.0	7.0	7.0	6.0
16	17.2	28.0	21.5	78.8	19.796	17.3	1.4	0.0	1.4	3.8
17	16.0	26.0	20.0	80.9	18.800	16.5	0.3	0.0	0.3	3.0
18	15.8	27.0	21.3	77.9	19.134	16.8	0.0	0.0	0.0	1.2
19	17.5	29.0	22.0	70.0	17.915	15.7	0.0	0.0	0.0	9.5
20	16.8	26.6	20.8	74.9	18.158	16.0	0.0	13.3	13.3	5.2
21	16.4	23.8	18.4	90.6	19.575	17.2	9.1	0.0	9.1	1.2
22	15.8	25.6	19.8	79.0	17.989	15.7	8.5	12.0	20.5	3.8
23	16.0	21.0	18.3	91.8	19.328	17.0	7.7	0.2	7.9	0.5
24	16.0	27.0	20.5	82.3	19.519	17.1	0.1	41.1	41.2	6.7
25	16.0	25.5	20.2	79.5	18.404	16.2	0.0	2.5	2.5	3.5
26	16.0	27.3	21.1	74.9	18.078	15.9	2.7	7.9	10.6	7.3
27	16.8	25.7	19.4	81.2	18.280	16.1	3.0	0.6	3.6	3.8
28	16.5	26.2	20.5	81.0	19.167	16.8	0.0	36.6	36.6	4.1
29	16.0	25.4	19.8	83.6	19.083	16.8	0.0	20.1	20.1	2.5
30	15.0	25.4	19.5	81.7	18.248	16.1	0.0	0.0	0.0	2.9
31	15.0	27.0	20.5	79.3	18.542	16.3	0.0	0.0	0.0	6.0
Prom.	16.0	27.0	20.6	78.3	18.736	16.4	45.4	141.4	186.8	160.3

Estación **CENICAFE**
 Altitud **1.310** Metros

Municipio **CHINCHINA**
 Latitud **4-59 N.**

Año **1.971**
 Longitud **75-35 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocio °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	16.5	26.5	20.2	13.8	28.5	78.2	18.294	16.0	320.3	24	171.9
FEBRERO	16.6	25.9	19.9	14.2	29.8	81.3	18.605	16.3	316.7	26	135.8
MARZO	16.9	26.3	20.2	15.6	29.2	80.9	18.902	16.6	505.9	29	128.9
ABRIL	16.7	27.4	20.4	14.0	31.0	79.2	18.794	16.5	249.7	23	128.8
MAYO	16.9	26.4	20.2	15.2	28.8	82.5	19.437	17.0	329.4	28	120.7
JUNIO	17.0	26.8	20.4	14.5	29.5	80.7	19.173	16.8	218.3	26	141.7
JULIO	16.7	27.3	20.7	15.4	30.0	76.7	18.384	16.2	188.2	20	166.0
AGOSTO	16.5	26.5	20.2	13.5	29.4	79.1	18.447	16.2	274.8	27	157.5
SEPTIEMBRE	16.4	26.0	19.9	14.0	29.5	80.8	18.616	16.3	247.4	27	126.6
OCTUBRE	15.4	26.0	19.5	12.8	28.6	82.1	18.597	16.3	313.9	29	129.3
NOVIEMBRE	15.7	26.3	20.0	13.5	29.0	79.7	18.337	16.1	270.6	25	160.3
DICIEMBRE	16.0	27.0	20.6	14.5	29.4	78.3	18.736	16.4	186.8	17	160.3
PROMEDIO	16.4	26.5	20.2	14.3	29.4	80.0	18.694	16.4			
TOTAL									3422.0	301	1727.8

Estación **NARANJAL**
 Altitud **1.370** metros

Municipio **CHINCHINA**
 Latitud **4-58 N.**

Año **1.971**
 Longitud **75-36 W.**

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.0	26.5	20.9	77.1	18.663	16.3	0.1	0.0	0.1	2.8
2	16.4	26.9	21.0	74.0	17.824	15.7	0.0	1.1	1.1	5.0
3	17.5	26.5	21.5	72.6	18.103	15.9	0.5	4.1	4.6	2.3
4	16.8	20.5	18.0	95.7	20.157	17.6	1.8	0.0	1.8	0.0
5	14.5	26.0	19.3	78.1	17.315	15.2	16.4	20.4	36.8	3.2
6	16.5	22.0	18.2	91.9	19.381	17.0	19.7	4.3	24.0	0.4
7	17.0	22.0	18.5	88.4	19.029	16.7	12.3	1.1	13.4	0.0
8	16.5	25.9	19.9	77.4	17.605	15.4	11.0	17.7	28.7	3.7
9	16.5	25.5	19.2	76.3	16.621	14.5	0.5	0.0	0.5	3.4
10	16.0	26.5	20.2	77.4	17.974	15.8	0.0	11.5	11.5	4.2
11	15.7	25.0	19.5	81.5	18.394	16.2	0.0	0.0	0.0	3.5
12	15.0	27.0	21.4	71.6	17.387	15.2	0.0	59.4	59.4	7.4
13	15.4	23.3	19.4	79.1	17.599	15.4	0.0	0.0	0.0	2.8
14	14.8	26.3	19.6	74.6	16.617	14.4	43.4	0.5	43.9	7.2
15	15.4	26.2	20.6	73.6	17.300	15.0	0.0	17.5	17.5	5.3
16	16.0	24.3	18.2	83.3	17.514	15.4	12.6	0.0	12.6	1.4
17	13.0	24.9	18.8	78.4	16.399	14.4	0.0	3.0	3.0	5.9
18	15.5	24.7	19.7	72.9	16.286	14.2	1.6	0.0	1.6	3.3
19	16.4	25.7	19.5	78.1	17.595	15.5	1.8	4.5	6.3	4.0
20	15.6	25.4	19.8	76.5	17.111	14.9	0.3	0.0	0.3	3.1
21	15.0	26.0	21.4	71.5	17.138	14.9	0.0	0.0	0.0	6.7
22	16.5	26.2	21.4	74.3	17.525	15.3	0.0	0.0	0.0	5.6
23	16.0	27.0	21.5	67.7	16.904	14.7	0.0	0.0	0.0	9.2
24	16.3	26.8	20.8	73.4	17.815	15.6	0.0	1.5	1.5	6.9
25	16.9	27.0	20.8	68.9	16.307	14.1	0.0	0.0	0.0	4.8
26	15.5	27.2	20.3	73.9	17.189	15.0	0.9	5.9	6.8	6.0
27	16.0	26.5	20.8	71.9	16.993	14.8	0.0	0.0	0.0	7.0
28	15.1	28.3	19.4	74.8	16.795	14.7	15.2	21.5	36.7	7.4
29	14.3	26.5	20.2	73.7	17.016	14.9	2.2	0.0	2.2	5.3
30	16.4	26.5	21.3	73.8	18.150	15.8	0.0	0.0	0.0	5.5
31	17.0	26.0	20.5	79.5	18.980	16.6	4.5	0.2	4.7	6.4
Prom.	15.9	25.6	20.0	76.8	17.603	15.4	144.8	174.2	319.0	139.7

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.7	24.7	19.3	81.4	18.366	16.2	3.6	0.0	3.6	1.2
2	16.6	26.5	21.3	75.0	18.479	16.1	1.9	17.0	18.9	6.0
3	17.4	23.3	19.3	90.5	20.272	17.7	3.3	25.8	29.1	0.3
4	16.8	22.0	17.9	96.2	20.027	17.5	33.5	8.9	42.4	0.2
5	15.9	23.0	18.2	83.5	17.510	15.4	4.9	0.5	5.4	1.5
6	15.6	26.0	20.7	73.7	17.043	14.8	0.0	15.3	15.3	8.0
7	16.4	24.2	19.1	86.9	19.180	16.8	0.7	0.0	0.7	1.4
8	16.5	26.3	20.7	79.7	19.285	16.9	0.9	5.3	6.2	7.0
9	17.2	27.3	21.1	71.9	17.520	15.3	0.0	4.3	4.3	7.6
10	17.1	25.5	19.8	79.3	18.255	16.0	0.6	0.3	0.9	4.0
11	14.2	27.0	20.1	71.7	16.312	14.2	0.0	10.7	10.7	8.4
12	16.6	24.8	19.7	76.6	17.454	15.3	0.0	22.8	22.8	2.0
13	16.5	25.0	19.6	80.5	18.235	15.9	0.7	0.0	0.7	1.4
14	16.7	22.0	18.6	90.9	19.535	17.1	7.0	0.0	7.0	0.2
15	16.5	25.2	19.2	79.5	17.653	15.5	0.0	0.0	0.0	2.9
16	15.1	25.7	20.0	73.4	16.854	14.8	0.0	30.6	30.6	1.9
17	16.3	26.5	19.2	77.5	16.766	14.5	47.6	3.4	51.0	5.3
18	16.9	21.0	18.2	90.5	19.191	16.9	2.6	0.4	3.0	0.2
19	16.5	22.5	18.2	91.0	19.298	16.9	0.2	0.0	0.2	0.4
20	14.4	26.4	20.0	76.1	17.549	15.4	0.0	32.5	32.5	6.6
21	15.7	24.0	18.7	85.7	18.451	16.2	1.8	13.3	15.1	0.0
22	15.2	20.0	17.0	94.1	18.596	16.3	4.6	0.3	4.9	5.2
23	14.4	26.0	19.1	75.7	17.353	15.2	0.0	0.1	0.1	5.3
24	16.7	25.6	19.6	76.2	17.368	15.3	0.0	0.0	0.0	3.1
25	14.5	28.5	21.2	65.8	15.944	13.9	0.0	0.4	0.4	7.6
26	17.0	24.8	20.5	86.1	20.647	18.0	0.1	0.0	0.1	5.5
27	15.8	27.2	21.0	68.8	16.448	14.3	0.0	0.0	0.0	5.7
28	15.3	28.5	21.3	68.5	16.703	14.7	0.0	0.0	0.0	5.4
Prom.	16.1	25.0	19.6	80.2	18.082	15.8	114.0	191.9	305.9	104.3

Estación NARANJAL

Municipio CHINCHINA

Año 1.971

Altitud 1.370 metros

Latitud 4-58 N.

Longitud 75-36 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	24.8	18.7	79.6	17.507	15.4	0.0	0.0	0.0	3.6
2	15.4	27.6	19.9	75.3	17.589	15.5	22.6	9.0	31.6	6.0
3	15.5	25.5	19.1	80.0	17.343	15.2	7.2	3.4	10.6	2.3
4	15.9	25.5	20.6	75.1	17.507	15.3	0.0	0.0	0.0	1.7
5	15.9	27.5	21.8	64.3	15.686	13.4	0.0	0.0	0.0	7.3
6	17.0	28.3	22.1	67.3	17.339	15.2	0.0	0.0	0.0	6.3
7	17.8	22.0	18.9	92.8	20.542	17.9	23.5	3.1	26.6	0.1
8	15.0	25.6	19.1	82.6	18.260	16.1	1.9	0.6	2.5	0.9
9	15.0	25.5	20.1	74.6	17.089	15.0	0.0	0.0	0.0	2.8
10	15.3	27.0	21.0	72.6	17.310	15.0	0.0	0.0	0.0	3.5
11	17.4	26.0	21.3	74.2	18.532	16.3	4.3	10.0	14.3	1.2
12	16.7	24.3	20.6	86.4	20.951	18.2	0.0	11.4	11.4	1.1
13	17.5	25.7	20.7	75.7	18.124	15.9	0.0	16.5	16.5	1.6
14	16.3	27.6	20.5	78.9	18.641	16.4	0.0	31.0	31.0	1.7
15	16.9	25.5	19.5	81.4	18.313	16.1	11.9	0.0	11.9	1.3
16	17.0	24.0	17.8	97.9	20.029	17.5	10.4	0.5	10.9	1.4
17	14.8	24.8	18.8	91.3	19.718	17.3	7.4	21.4	28.8	2.8
18	15.9	25.9	19.8	72.0	16.176	14.1	0.2	4.6	4.8	1.7
19	16.1	24.5	20.5	80.3	18.883	16.5	0.1	15.6	15.7	1.3
20	16.5	22.0	18.4	87.1	18.702	16.4	8.3	0.5	8.8	0.0
21	16.8	24.3	20.2	76.0	17.542	15.4	0.0	12.3	12.3	2.6
22	17.3	25.4	20.2	77.0	18.185	16.0	3.0	20.1	23.1	0.0
23	15.0	24.3	19.5	77.6	17.200	15.1	0.0	8.9	8.9	1.4
24	16.0	25.6	20.2	78.8	18.393	16.1	2.4	21.3	23.7	0.4
25	16.1	26.0	20.0	79.0	18.187	16.0	17.5	6.4	23.9	2.6
26	16.5	25.0	20.1	82.0	19.149	16.8	4.1	4.6	8.7	2.0
27	16.0	26.8	20.6	72.0	16.837	14.6	0.9	0.0	0.9	2.2
28	16.7	24.0	18.7	91.4	20.103	17.6	5.6	5.0	10.6	1.6
29	16.5	23.7	18.7	83.6	18.185	16.0	10.6	0.0	10.6	0.0
30	16.4	26.3	19.3	78.2	17.340	15.2	7.7	18.5	26.3	1.0
31	14.9	24.0	18.2	82.2	17.050	15.0	3.1	0.9	4.0	0.3
Prom.	16.2	25.3	19.8	79.6	18.142	15.9	152.7	225.7	378.4	62.7

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.6	24.3	18.9	77.5	16.787	14.7	0.2	0.0	0.2	1.3
2	15.9	26.2	19.9	76.2	17.616	15.5	2.8	8.5	11.3	4.2
3	15.0	20.3	17.0	92.8	18.259	16.1	15.9	0.0	15.9	0.0
4	13.0	26.0	19.1	69.1	14.592	12.5	0.0	0.0	0.0	8.9
5	15.0	27.0	21.0	67.0	16.080	14.0	0.0	0.0	0.0	4.9
6	16.1	26.8	20.9	66.1	15.960	13.9	0.0	11.5	11.5	2.0
7	17.0	26.0	19.7	81.5	18.942	16.7	3.3	8.0	11.3	1.8
8	16.5	26.3	20.4	77.3	18.176	15.9	0.0	0.0	0.0	3.4
9	16.2	26.8	21.9	67.9	17.109	14.8	0.0	0.0	0.0	3.1
10	17.3	26.3	21.3	74.6	18.459	16.1	0.0	0.0	0.0	1.5
11	17.4	27.5	21.2	73.0	18.046	15.9	0.0	0.0	0.0	1.9
12	16.5	27.2	19.6	81.4	18.682	16.4	9.2	4.2	13.4	6.1
13	15.5	27.6	21.0	76.6	18.668	16.4	0.0	8.7	8.7	3.8
14	16.6	26.5	19.6	86.7	19.789	17.3	12.0	0.1	12.1	1.8
15	16.9	28.0	20.1	76.5	17.690	15.5	20.5	0.1	33.6	2.2
16	17.0	28.0	21.5	73.3	18.266	15.7	1.4	7.6	9.0	5.8
17	18.0	25.8	20.5	85.9	20.605	18.0	2.0	8.2	10.2	4.1
18	17.0	22.5	19.2	85.6	19.029	16.7	6.6	0.0	6.6	0.0
19	16.2	21.0	18.2	84.1	17.469	15.3	3.0	0.0	3.0	0.0
20	14.8	25.2	20.7	82.4	19.669	17.2	0.7	25.1	25.8	2.2
21	16.3	25.6	20.5	81.2	19.121	16.7	0.0	0.0	0.0	0.0
22	17.2	25.2	21.0	78.5	19.296	16.9	0.0	40.4	40.4	1.8
23	16.4	25.4	19.4	87.2	19.596	17.2	1.0	71.3	72.3	1.4
24	16.2	26.3	21.2	80.1	19.546	17.1	0.0	0.0	0.0	2.0
25	15.8	27.2	21.7	65.5	16.310	14.2	0.0	0.0	0.0	0.0
26	16.3	28.3	21.3	65.9	16.680	14.6	0.0	0.0	0.0	0.0
27	16.0	28.7	22.2	65.9	17.417	15.3	0.0	7.0	7.5	4.1
28	16.7	26.3	20.9	76.8	18.641	16.3	0.0	0.0	0.0	0.0
29	16.9	26.8	21.6	75.1	18.920	16.6	0.0	0.0	0.0	1.7
30	16.3	26.2	20.4	76.1	18.186	16.0	0.6	0.0	0.6	2.5
Prom.	16.3	26.0	20.4	76.9	18.120	15.9	79.2	214.2	293.4	72.5

Estación **NARANJAL**
Altitud **1.370** metros

Municipio **CHINCHINA**
Latitud **4-58 N.**

Año **1.971**
Longitud **75-36 W.**

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.4	25.9	19.8	77.6	17.725	15.5	24.1	0.1	24.2	0.2
2	15.3	26.8	21.0	81.3	19.622	17.1	0.8	0.1	0.9	0.2
3	17.2	26.2	19.8	81.4	18.823	16.5	19.4	10.1	29.5	2.4
4	16.9	23.7	18.6	93.1	20.443	17.8	18.0	0.0	18.0	0.9
5	15.0	26.3	21.4	76.5	19.167	16.7	0.0	17.5	17.5	5.0
6	16.2	22.4	18.3	90.9	19.378	17.0	0.5	0.0	0.5	0.6
7	14.2	27.9	19.4	81.5	17.902	15.7	46.1	41.5	87.6	5.3
8	16.0	23.3	19.8	85.1	19.209	16.8	8.9	0.1	9.0	1.9
9	17.0	26.2	20.8	76.8	18.374	16.0	0.0	0.5	0.5	5.1
10	17.4	25.0	20.9	82.8	20.273	17.7	0.1	0.0	0.1	1.8
11	17.7	26.0	21.5	77.1	19.668	17.2	0.0	26.8	26.8	4.0
12	15.7	24.5	20.1	88.3	20.863	18.1	0.2	0.0	0.2	1.6
13	16.2	26.2	21.8	74.3	18.862	16.6	0.4	18.5	18.9	4.6
14	16.7	20.9	18.1	95.1	19.592	17.2	37.6	0.0	37.6	0.0
15	15.8	26.3	20.2	79.9	18.452	16.0	9.5	9.7	19.2	5.4
16	16.7	24.0	20.1	79.6	18.540	16.3	0.0	0.0	0.0	1.9
17	16.8	26.2	20.4	71.9	17.067	14.9	0.0	1.0	1.0	4.6
18	17.3	26.0	20.8	75.1	18.176	16.0	0.0	10.2	10.2	4.9
19	16.8	26.9	21.4	77.6	18.981	16.6	0.5	0.2	0.7	6.1
20	16.8	26.3	20.5	76.0	18.079	15.9	0.8	9.3	10.1	0.3
21	17.0	25.9	20.8	75.7	18.291	15.9	1.4	0.0	1.4	3.5
22	15.0	26.9	20.9	72.2	17.115	15.0	0.0	8.4	8.4	5.8
23	17.0	25.5	21.2	80.4	19.813	17.3	0.0	0.0	0.0	3.3
24	15.7	25.0	20.3	76.9	17.962	15.8	0.0	13.6	13.6	2.7
25	16.4	25.3	20.8	78.6	18.815	16.4	0.0	28.3	28.3	0.8
26	16.0	26.8	20.8	80.6	19.222	16.9	0.0	0.2	0.2	6.3
27	17.7	27.0	21.2	75.6	18.882	16.6	9.6	7.1	16.7	6.3
28	17.4	25.8	20.8	76.3	18.523	16.3	0.0	0.0	0.0	2.8
29	16.3	26.0	20.8	81.0	19.728	17.3	0.0	13.6	13.6	4.6
30	16.8	23.9	19.3	84.0	18.749	16.5	0.9	9.2	10.1	0.1
31	16.6	26.9	21.7	78.2	19.646	17.2	0.0	4.2	4.2	5.0
Prom.	16.5	25.5	20.4	80.0	18.901	16.5	178.8	230.2	409.0	98.0

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.3	26.4	20.8	78.1	18.870	16.6	0.1	4.6	4.7	2.6
2	16.8	26.2	21.1	74.1	18.257	16.0	0.0	0.0	0.0	6.3
3	16.3	27.6	23.0	63.4	17.216	15.1	0.0	13.3	13.3	6.3
4	16.4	27.6	21.5	72.9	18.646	16.4	0.0	18.3	18.3	4.0
5	17.2	26.6	21.3	77.3	19.193	16.8	0.2	34.8	35.0	4.2
6	16.8	26.3	21.1	76.9	18.654	16.4	0.8	0.0	0.8	4.1
7	16.9	25.6	19.3	90.5	20.705	18.1	11.2	0.0	11.2	2.2
8	16.4	26.9	21.6	75.6	18.680	16.4	0.0	0.0	0.0	8.0
9	17.6	24.9	20.7	72.8	17.817	15.7	0.4	0.0	0.4	0.4
10	17.1	25.0	20.9	82.9	20.377	17.7	0.0	0.0	0.0	3.8
11	16.5	27.9	20.8	75.0	18.154	15.9	0.2	6.7	6.9	6.3
12	16.9	24.0	18.3	88.0	18.809	16.6	13.1	0.7	13.8	0.8
13	15.2	26.8	19.4	80.8	18.120	15.9	1.5	4.6	6.1	4.1
14	14.3	25.0	19.3	79.9	17.450	15.3	0.1	0.6	0.7	3.5
15	16.9	27.2	21.5	75.8	18.916	16.6	0.0	9.5	9.5	5.4
16	17.2	25.7	21.6	71.0	18.262	16.0	0.0	8.8	8.8	3.7
17	17.4	27.3	20.4	79.2	18.594	16.3	19.0	3.9	22.9	5.7
18	17.5	23.6	19.9	85.0	19.483	17.1	2.5	0.0	2.5	0.5
19	16.5	27.7	21.6	70.7	17.548	15.4	0.0	4.4	4.4	5.6
20	17.0	27.7	22.4	72.3	18.666	16.4	0.5	0.3	0.8	6.7
21	16.3	25.9	19.8	84.5	19.592	17.2	5.2	10.9	16.1	4.9
22	16.0	22.8	18.3	91.5	19.337	17.0	7.6	0.0	7.6	1.5
23	14.8	27.1	21.3	69.9	17.061	15.0	0.0	0.7	0.7	8.0
24	16.0	26.0	21.5	70.5	17.682	15.6	1.7	18.9	20.6	5.6
25	15.7	27.7	21.0	73.4	18.063	15.9	0.0	3.3	3.3	8.5
26	17.2	25.2	20.4	82.6	19.656	17.2	2.3	0.0	2.3	1.0
27	17.0	24.5	20.3	84.8	19.944	17.4	5.6	2.1	7.7	1.9
28	16.2	24.8	19.5	92.8	20.895	18.2	1.8	0.2	2.0	4.3
29	16.0	25.9	20.6	83.6	20.122	17.6	0.8	8.9	9.7	1.9
30	16.8	26.3	20.1	89.0	20.766	18.1	0.0	6.3	6.3	3.9
Prom.	16.5	26.1	20.6	78.8	18.851	16.5	74.6	161.8	236.4	125.7

Estación **NARANJAL**Municipio **CHINCHINA**Año **1.971**Altitud **1.370** metrosLatitud **4-58 N.**Longitud **75-36 W.****M E S - JULIO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.8	26.8	21.2	81.0	19.945	17.4	2.0	4.0	6.0	2.8
2	17.0	26.0	21.0	83.8	20.468	17.8	0.1	26.9	27.0	1.7
3	16.5	25.9	21.0	82.4	19.899	17.2	0.0	37.0	37.0	3.6
4	15.9	24.1	19.8	90.0	20.493	17.8	4.9	0.0	4.9	1.5
5	16.6	26.0	20.1	78.6	18.019	15.7	0.0	0.0	0.0	4.6
6	15.5	26.7	20.0	76.7	17.938	15.8	4.5	0.0	4.5	4.4
7	16.9	25.4	21.0	82.3	20.077	17.5	0.6	0.0	0.6	2.4
8	16.1	28.6	21.6	68.0	16.910	14.8	0.0	0.0	0.0	5.8
9	16.9	27.4	22.3	74.9	19.702	17.2	0.0	0.0	0.0	4.0
10	16.7	26.3	20.8	82.2	20.114	17.6	6.2	0.0	6.2	0.7
11	15.5	24.5	20.9	72.9	18.131	16.0	0.0	0.0	0.0	3.6
12	16.2	25.0	20.3	84.7	20.045	17.5	3.3	2.4	5.7	4.2
13	17.1	26.5	21.2	82.0	20.146	17.6	1.4	11.7	13.1	3.6
14	16.7	25.0	19.9	84.6	19.514	17.1	0.1	0.0	0.1	1.6
15	15.4	26.9	22.2	71.8	18.113	15.8	1.0	0.2	1.2	5.1
16	15.7	27.9	21.7	72.9	18.473	16.2	0.0	0.0	0.0	6.5
17	14.8	25.5	19.8	78.4	17.648	15.5	0.0	7.3	7.3	4.8
18	16.5	28.8	22.5	67.1	17.625	15.4	0.0	0.0	0.0	8.1
19	15.5	28.0	21.4	66.8	16.251	14.0	0.0	0.0	0.0	6.4
20	16.2	27.9	22.2	71.0	18.318	16.1	0.0	0.0	0.0	3.6
21	16.0	29.0	22.5	64.8	16.918	14.8	0.0	0.0	0.0	5.4
22	17.7	26.5	20.9	80.7	20.085	17.6	0.0	0.0	0.0	4.0
23	16.4	27.7	20.8	80.2	19.455	17.1	5.5	14.8	20.3	5.0
24	15.2	27.5	20.6	73.2	17.336	15.2	0.0	0.0	0.0	7.5
25	15.0	28.5	21.9	70.0	18.038	15.8	0.0	28.9	28.9	6.7
26	15.8	24.0	19.9	83.0	18.797	16.4	0.1	0.0	0.1	0.5
27	16.7	26.0	21.2	78.4	19.010	16.6	0.0	0.0	0.0	3.7
28	16.2	25.5	20.2	80.0	18.807	16.5	0.0	0.0	0.0	0.4
29	15.5	27.7	21.3	69.2	17.390	15.3	0.5	0.2	0.7	6.3
30	17.0	27.7	21.9	76.1	19.262	16.9	0.6	16.2	16.8	7.0
31	16.1	28.7	21.9	71.2	18.039	15.7	0.0	0.2	0.2	7.2
Prom.	16.2	26.7	21.1	76.7	18.741	16.4	30.8	149.8	180.6	132.7

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.2	26.3	20.2	80.0	18.880	16.5	5.9	7.3	13.2	4.3
2	16.4	26.5	20.4	72.9	16.887	14.7	0.1	2.8	2.9	5.2
3	16.1	26.5	20.1	78.2	18.156	15.9	1.7	17.9	19.6	2.6
4	16.5	24.9	19.6	82.5	18.618	16.3	3.4	27.3	30.7	2.3
5	14.9	24.7	19.2	78.2	16.789	14.6	0.0	0.0	0.0	1.9
6	14.9	23.7	18.5	83.4	17.583	15.4	0.7	4.9	5.6	2.5
7	15.2	26.8	20.2	75.7	17.328	15.1	16.5	21.4	37.9	5.4
8	16.5	23.5	18.8	82.2	17.836	15.7	1.9	0.0	1.9	1.4
9	13.5	26.5	20.7	67.9	15.821	13.7	0.0	0.0	0.0	8.3
10	16.3	25.9	21.1	67.2	16.245	14.2	0.0	1.5	1.5	3.7
11	16.6	27.0	20.5	72.2	16.881	14.7	0.6	22.4	23.0	4.4
12	15.0	22.0	18.0	86.4	17.907	15.7	1.7	0.0	1.7	1.4
13	14.1	27.7	20.4	71.1	16.392	14.3	0.0	0.0	0.0	6.5
14	16.2	22.0	18.6	93.9	20.410	17.8	5.9	0.0	5.9	1.2
15	15.4	24.5	19.4	78.6	17.497	15.4	0.0	0.0	0.0	1.7
16	14.7	26.7	19.9	70.4	15.589	13.4	0.0	2.8	2.8	4.7
17	16.2	26.5	20.4	77.5	17.968	15.7	0.0	0.0	0.0	3.4
18	15.3	26.7	20.3	72.1	16.415	14.3	0.0	6.4	6.4	3.2
19	15.8	24.6	20.1	77.4	17.590	15.2	0.0	15.3	15.3	1.2
20	15.3	24.9	20.3	74.5	17.414	15.2	1.3	12.5	13.8	3.7
21	16.8	26.4	20.0	73.9	16.888	14.8	0.0	4.3	4.3	3.7
22	17.4	25.8	21.1	72.8	17.545	15.4	0.1	0.0	0.1	4.5
23	15.9	28.0	21.3	76.6	19.598	17.2	0.0	55.7	55.7	7.3
24	15.8	25.8	19.9	75.3	16.954	14.8	0.4	0.0	0.4	3.9
25	16.1	26.4	19.8	78.5	18.298	16.1	0.6	22.8	23.4	2.6
26	15.5	25.0	19.9	81.4	18.769	16.5	1.5	23.6	25.1	1.0
27	15.3	20.8	18.1	90.4	18.821	16.5	2.2	0.5	2.7	0.1
28	15.0	26.0	20.4	71.8	16.690	14.6	0.0	17.7	17.7	5.1
29	16.7	26.5	21.0	73.9	17.991	15.7	0.0	16.9	16.9	0.5
30	17.2	27.7	20.2	71.8	16.862	14.7	0.0	6.5	6.5	2.8
31	17.4	27.8	22.1	69.3	17.882	15.7	0.0	6.2	6.2	8.1
Prom.	15.8	25.6	20.0	76.7	17.565	15.3	44.5	296.7	341.2	108.6

Estación **NARANJAL**Municipio **CHINCHINA**Año **1.971**Altitud **1.370** metrosLatitud **4-58 N.**Longitud **75-36 W.****M E S - SEPTIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.8	21.0	17.7	91.2	18.960	16.6	17.0	0.0	17.0	0.0
2	13.9	24.5	19.1	84.7	18.801	16.5	1.7	0.0	1.7	4.8
3	15.5	24.3	19.6	81.5	18.614	16.4	0.4	10.8	11.2	0.9
4	16.8	22.2	18.9	87.9	19.079	16.7	0.0	2.1	2.1	0.1
5	16.6	24.0	19.0	81.7	18.008	15.8	0.0	1.5	1.5	1.3
6	16.1	24.2	19.0	90.3	19.660	17.2	2.0	0.0	2.0	6.3
7	14.7	27.5	19.5	79.3	18.475	16.2	6.9	5.0	11.9	4.2
8	15.9	22.9	17.1	93.6	18.478	16.3	15.1	2.0	17.1	1.0
9	15.3	23.8	19.3	81.3	18.047	15.8	3.1	0.0	3.1	1.7
10	15.4	24.9	19.7	85.1	19.448	17.0	3.7	0.0	3.7	2.1
11	13.8	27.7	20.9	68.4	15.991	13.9	0.0	0.0	0.0	7.5
12	17.4	27.8	21.9	64.5	16.338	14.2	0.0	21.1	21.1	5.7
13	15.8	24.0	18.8	85.6	18.487	16.3	2.3	0.0	2.3	0.4
14	15.5	26.3	20.6	63.5	15.164	13.1	0.0	14.0	14.0	5.0
15	16.6	26.8	21.0	73.3	17.392	15.0	0.0	6.4	6.4	3.2
16	15.8	26.0	19.2	76.4	16.750	14.5	3.7	6.0	9.7	3.5
17	16.0	24.2	19.5	82.7	18.547	16.2	0.2	0.3	0.5	2.0
18	17.2	23.0	19.3	86.6	19.378	17.0	3.2	9.1	12.3	0.2
19	16.8	25.6	19.9	83.0	19.083	16.7	12.1	7.0	19.1	0.8
20	16.9	26.8	20.7	76.5	18.526	16.2	0.2	14.0	14.2	3.2
21	17.8	25.8	19.7	85.9	19.762	17.3	0.4	8.0	8.4	0.9
22	13.9	26.8	20.5	71.6	16.753	14.7	0.0	0.0	0.0	2.6
23	17.0	28.4	22.1	66.8	17.256	15.2	0.3	21.6	21.9	1.9
24	16.2	26.6	20.9	75.8	18.304	16.1	0.0	15.3	15.3	1.7
25	17.0	27.2	22.0	69.6	17.897	15.7	0.0	5.9	5.9	2.5
26	16.0	25.1	19.9	83.1	19.770	17.2	4.4	0.0	4.4	0.0
27	13.6	26.0	20.5	64.2	15.128	13.1	0.0	0.0	0.0	4.6
28	15.6	27.0	20.7	64.3	15.478	13.4	0.0	0.0	0.0	1.6
29	16.9	24.0	19.7	82.4	18.644	16.4	1.7	15.2	16.9	1.0
30	17.1	27.0	20.7	74.9	17.973	15.7	0.0	31.2	31.2	0.6
Prom.	15.9	25.4	19.9	78.5	18.006	15.7	78.4	196.5	274.9	71.3

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.7	26.5	20.1	72.0	16.589	14.5	0.0	0.0	0.0	0.0
2	16.8	22.0	18.6	88.6	19.143	16.8	8.2	0.0	8.2	0.3
3	16.3	23.2	18.0	90.6	19.005	16.7	12.3	0.5	12.8	0.5
4	15.0	24.5	19.6	79.9	18.070	15.9	0.0	0.0	0.0	0.6
5	16.5	26.0	20.1	77.2	17.769	15.4	0.7	0.2	0.9	1.0
6	16.7	26.5	19.8	74.7	16.894	14.7	22.1	3.8	25.9	4.2
7	15.9	26.3	19.8	77.3	17.471	15.2	1.2	0.0	1.2	3.6
8	13.7	27.9	20.4	70.6	16.205	14.0	0.0	0.0	0.0	6.5
9	17.0	27.0	20.7	72.3	17.451	15.1	0.2	21.0	21.2	3.0
10	15.5	25.0	19.0	68.1	15.334	13.1	1.5	2.7	4.2	0.7
11	17.0	25.0	19.7	76.5	17.520	15.4	1.1	0.0	1.1	1.7
12	16.0	25.5	20.6	75.2	17.909	15.7	5.3	12.1	17.4	1.2
13	14.6	25.8	20.2	78.8	18.762	16.5	1.7	11.8	13.5	2.6
14	16.1	23.4	19.1	78.8	17.726	15.6	0.1	0.0	0.1	0.7
15	16.4	26.2	20.6	66.5	15.806	13.6	0.0	1.8	1.8	5.1
16	16.5	25.5	20.1	77.0	17.641	15.3	3.4	2.1	5.5	1.9
17	16.7	23.5	18.3	79.1	16.637	14.4	1.2	2.5	3.7	1.1
18	15.3	23.8	19.2	83.1	18.535	16.3	1.3	0.7	2.0	0.0
19	15.0	24.0	17.8	81.7	16.678	14.6	0.8	0.0	0.8	1.1
20	14.1	26.3	20.3	72.9	16.921	14.7	0.0	4.9	4.9	7.1
21	15.0	27.9	20.4	73.6	17.025	14.8	2.2	67.3	69.5	9.0
22	15.5	20.0	16.9	95.5	18.667	16.4	19.5	0.0	19.5	0.6
23	13.7	25.0	18.8	74.6	16.354	14.3	2.8	9.6	12.4	5.5
24	16.0	26.9	20.0	77.3	17.654	15.3	0.0	10.3	10.3	6.1
25	15.6	24.9	18.2	82.7	17.201	15.1	0.3	0.0	0.3	1.5
26	13.2	25.9	19.6	69.1	15.552	13.5	0.0	0.0	0.0	9.7
27	15.0	27.1	20.2	71.5	16.338	14.1	0.0	0.0	0.0	7.8
28	15.2	27.9	21.6	70.5	17.645	15.2	7.3	29.7	37.0	5.3
29	16.9	22.0	18.7	89.5	19.594	17.2	0.9	0.0	0.9	0.3
30	14.3	25.3	19.9	74.2	16.954	14.8	11.1	11.8	22.9	2.9
31	16.8	22.0	19.1	88.3	19.379	17.0	4.0	2.2	6.2	0.0
Prom.	15.6	25.1	19.5	77.7	17.433	15.2	109.2	195.0	304.2	91.6

Estación NARANJAL

Municipio CHINCHINA

Año 1.971

Altitud 1.370 metros

Latitud 4-58 N.

Longitud 75-36 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	27.0	20.5	80.4	18.955	16.6	0.1	0.1	0.2	1.7
2	16.3	26.3	19.5	75.2	16.829	14.6	0.1	18.8	18.9	5.0
3	16.0	23.0	18.9	79.8	17.317	15.2	0.0	0.0	0.0	0.1
4	15.4	26.0	20.0	69.4	15.909	13.8	0.4	0.0	0.4	5.1
5	16.8	26.0	19.8	78.1	17.761	15.5	12.0	1.0	13.0	6.0
6	15.9	27.0	20.2	73.6	17.086	14.9	26.5	21.8	48.3	6.5
7	17.0	24.5	19.9	88.1	20.611	18.0	10.4	0.0	10.4	2.4
8	15.5	26.5	20.4	74.7	17.404	15.2	0.0	55.8	55.8	6.4
9	16.5	20.6	18.3	96.5	20.241	17.7	1.5	12.5	14.0	0.0
10	15.8	24.0	19.4	81.3	18.218	16.0	0.9	0.0	0.9	1.0
11	15.6	23.7	19.7	76.7	17.819	15.6	0.0	0.0	0.0	1.6
12	15.0	27.0	21.3	69.0	17.059	14.8	0.0	4.2	4.2	7.9
13	17.5	27.0	21.6	71.3	17.894	15.6	0.0	2.7	2.7	7.6
14	16.8	24.7	20.0	82.7	19.342	17.0	0.0	1.5	1.5	1.9
15	16.5	26.5	21.0	74.4	17.987	15.7	0.0	0.0	0.0	5.2
16	17.1	26.0	21.0	77.9	19.264	16.9	1.9	31.5	33.4	3.2
17	17.4	25.4	20.1	80.8	18.889	16.6	11.5	25.3	36.8	3.3
18	14.5	24.5	18.9	76.9	16.701	14.6	4.9	0.3	5.2	4.3
19	14.8	25.0	18.9	80.2	17.320	15.2	0.0	0.2	0.2	3.5
20	16.4	25.5	19.6	79.2	17.856	15.6	5.5	1.0	6.5	5.7
21	16.0	25.4	19.7	77.9	17.486	15.2	0.8	0.0	0.8	6.0
22	14.2	25.6	19.8	77.1	17.455	15.3	0.0	8.3	8.3	6.2
23	15.1	26.5	20.6	65.1	15.104	13.0	0.0	0.1	0.1	8.9
24	15.9	26.4	20.2	80.8	18.654	16.4	0.0	3.0	3.0	3.6
25	16.5	25.0	19.9	78.7	18.167	15.9	0.1	15.1	15.2	2.7
26	16.0	25.0	19.7	82.5	18.925	16.6	0.6	7.2	7.8	3.5
27	15.8	26.0	20.3	71.7	16.509	14.4	0.0	12.3	12.3	7.1
28	17.2	22.5	18.3	87.7	18.618	16.3	5.1	0.0	5.1	0.6
29	14.2	26.2	20.9	68.4	16.353	14.2	0.0	0.0	0.0	8.1
30	16.2	27.6	21.5	67.3	16.508	14.3	0.0	1.3	1.3	8.0
Prom.	16.0	25.4	20.0	77.4	17.808	15.6	82.3	224.0	306.3	133.1

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	26.5	20.8	73.6	17.464	15.2	0.7	0.0	0.7	4.2
2	15.8	26.0	20.1	77.3	17.867	15.7	0.0	0.0	0.0	3.6
3	15.8	26.0	19.9	72.3	16.530	14.4	1.9	0.4	2.3	6.4
4	15.0	26.5	20.3	68.3	15.443	13.4	0.0	0.0	0.0	6.2
5	15.8	27.1	21.3	70.2	17.089	15.0	0.0	0.0	0.0	7.5
6	16.0	27.2	21.7	71.9	17.730	15.5	0.0	0.0	0.0	6.7
7	16.6	27.5	21.2	70.1	17.454	15.3	0.0	0.0	0.0	5.5
8	16.3	25.2	21.0	79.5	19.379	17.0	0.0	0.0	0.0	1.8
9	16.5	27.3	21.5	71.3	17.927	15.7	0.0	0.0	0.0	4.8
10	17.1	28.0	20.1	76.1	18.069	15.8	17.3	0.0	17.3	6.7
11	16.2	25.8	20.7	74.6	18.016	15.8	0.0	0.0	0.0	2.7
12	15.5	26.5	20.6	73.4	17.163	15.0	0.6	0.0	0.6	6.1
13	15.5	27.3	21.9	72.0	17.846	15.5	0.0	0.0	0.0	5.8
14	16.4	28.6	21.8	76.4	19.408	16.9	0.0	0.0	0.0	6.2
15	16.7	28.0	21.8	72.3	18.471	16.2	0.0	9.8	9.8	6.3
16	15.5	26.2	20.8	77.3	18.625	16.4	1.1	0.0	1.1	3.1
17	15.6	24.5	19.4	76.9	17.186	15.1	1.1	0.0	1.1	1.3
18	16.2	26.0	20.5	75.1	17.787	15.7	0.0	0.0	0.0	2.1
19	16.2	27.4	21.2	69.4	16.944	14.7	0.0	0.0	0.0	9.2
20	16.5	26.4	21.1	70.5	17.228	15.1	0.0	8.7	8.7	4.4
21	17.0	23.5	18.8	82.5	18.031	15.9	6.5	0.7	7.2	1.3
22	15.5	24.0	19.3	77.1	16.807	14.6	0.6	24.4	25.0	2.1
23	15.0	20.5	17.6	90.1	18.208	16.0	2.3	1.0	3.3	0.0
24	16.0	26.5	19.6	78.3	17.367	15.2	0.0	34.1	34.1	3.5
25	15.0	24.9	19.2	77.0	16.641	14.6	0.0	7.1	7.1	2.4
26	16.4	25.9	20.8	72.8	17.183	15.1	0.0	11.4	11.4	6.4
27	16.4	25.0	20.0	74.6	16.870	14.7	0.5	1.4	1.9	3.5
28	16.5	25.9	19.1	79.3	17.059	14.8	16.3	8.1	24.4	3.2
29	16.0	26.0	20.4	76.9	17.996	15.8	0.0	46.8	46.8	2.3
30	15.0	24.0	18.8	80.2	16.992	14.9	0.0	0.0	0.0	2.4
31	15.3	25.5	20.3	74.0	17.079	14.9	0.0	0.0	0.0	6.2
Prom.	16.1	26.0	20.4	75.2	17.544	15.4	48.9	153.9	202.8	133.9

Estación **NARANJAL**
 Altitud **1.370** Metros

Municipio **CHINCHINA**
 Latitud **4-58 N.**

Año **1.971**
 Longitud **75-36 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	15.9	25.6	20.0	13.0	28.3	76.8	17.603	15.4	319.0	23	139.7
FEBRERO	16.1	25.0	19.6	14.2	28.5	80.2	18.082	15.8	305.9	24	104.3
MARZO	16.2	25.3	19.8	14.8	28.3	79.6	18.142	15.9	378.4	25	62.7
ABRIL	16.3	26.0	20.4	13.0	28.7	76.9	18.120	15.9	293.4	18	72.5
MAYO	16.5	25.5	20.4	14.2	27.9	80.0	18.901	16.5	409.0	28	98.0
JUNIO	16.5	26.1	20.6	14.3	27.9	78.8	18.851	16.5	236.4	27	125.7
JULIO	16.2	26.7	21.1	14.8	29.0	76.7	18.741	16.4	180.6	18	132.7
AGOSTO	15.8	25.6	20.0	13.5	28.0	76.7	17.565	15.3	341.2	26	108.6
SEPTIEMBRE	15.9	25.4	19.9	13.6	28.4	78.5	18.006	15.7	274.9	26	71.3
OCTUBRE	15.6	25.1	19.5	13.2	27.9	77.7	17.433	15.2	304.2	26	91.6
NOVIEMBRE	16.0	25.4	20.0	14.2	27.6	77.4	17.808	15.6	306.3	26	133.1
DICIEMBRE	16.1	26.0	20.4	15.0	28.6	75.2	17.544	15.4	202.8	17	133.9
PROMEDIO	16.1	25.6	20.1	14.0	28.3	77.9	18.066	15.8			
TOTAL									3552.1	284	1274.1

Estación LA FLORIDA
Altitud 1.850 metros

Municipio POPAYAN
Latitud 2-27 N.

Año 1.971
Longitud 76-35 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.8	27.3	18.9	74.6	16.054	14.0	1.7	0.0	1.7	9.1
2	14.0	26.0	18.3	77.6	16.705	14.7	0.0	0.0	0.0	6.1
3	14.0	24.0	18.1	73.5	15.138	13.1	2.7	0.7	3.4	5.2
4	13.8	22.0	16.7	84.2	16.420	14.3	9.0	2.2	11.2	3.6
5	14.0	21.5	17.7	87.2	17.851	15.7	2.1	3.5	5.6	1.8
6	14.3	22.0	16.4	81.9	15.310	13.3	29.3	44.9	74.2	2.1
7	13.8	22.0	16.2	81.1	14.951	12.9	15.3	18.1	33.4	1.2
8	13.5	23.5	17.6	83.7	16.811	14.8	5.1	16.0	21.1	5.0
9	14.6	23.4	17.2	80.6	15.707	13.7	8.5	0.0	8.5	3.5
10	14.0	23.3	18.4	75.8	15.938	13.9	0.5	0.0	0.5	2.8
11	12.9	23.0	17.4	76.3	15.282	13.2	0.0	1.2	1.2	4.5
12	12.5	21.5	17.4	79.6	15.927	13.8	2.2	0.0	2.2	4.6
13	12.5	22.0	17.5	79.9	15.942	13.8	0.7	0.0	0.7	4.9
14	13.5	23.9	17.2	79.2	15.646	13.6	14.6	0.0	14.6	5.1
15	12.0	22.0	17.8	79.7	15.925	13.9	0.0	0.0	0.0	3.4
16	11.5	23.3	16.7	80.2	16.075	13.6	9.5	0.0	9.5	5.3
17	13.0	22.0	17.9	79.0	15.825	13.8	0.0	18.6	18.6	6.4
18	11.0	24.0	17.8	80.1	15.968	13.9	18.3	0.1	18.4	0.7
19	12.5	23.5	16.4	76.0	14.070	12.0	3.8	0.9	4.7	2.5
20	11.0	22.0	16.8	81.5	15.644	13.6	0.8	9.1	9.9	1.8
21	13.8	22.2	17.7	81.5	16.360	14.4	9.6	0.0	9.6	2.1
22	14.6	24.8	18.6	72.2	15.055	12.9	0.0	0.0	0.0	6.1
23	12.0	25.4	18.5	69.9	14.548	12.2	0.0	0.0	0.0	8.0
24	12.0	26.4	18.5	65.1	13.646	11.2	2.9	2.5	5.4	6.8
25	12.0	24.0	17.8	72.9	14.792	12.7	4.2	0.0	4.2	8.3
26	11.5	23.4	17.1	68.9	13.411	11.0	0.9	0.0	0.9	4.3
27	13.9	22.5	18.7	76.3	16.281	14.1	0.0	0.0	0.0	4.3
28	14.0	23.9	17.6	72.9	14.772	12.7	11.0	0.0	11.0	3.2
29	11.5	23.0	17.1	77.0	15.028	12.9	7.3	0.0	7.3	5.0
30	12.1	25.3	18.4	76.4	16.241	14.1	0.6	0.0	0.6	9.1
31	12.7	24.9	18.1	75.9	15.387	13.3	0.0	0.0	0.0	6.1
Prom.	12.9	23.5	17.6	77.4	15.571	13.5	160.6	117.8	278.4	143.5

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	11.9	23.0	17.5	68.9	13.618	11.3	7.4	0.0	7.4	6.2
2	13.0	23.6	18.2	76.6	15.880	13.9	16.6	0.6	17.2	4.3
3	13.0	23.4	18.0	77.7	16.006	13.9	2.4	4.0	6.4	5.8
4	14.0	22.0	16.8	86.3	16.474	14.5	0.5	13.7	14.2	1.0
5	12.5	21.0	16.8	80.4	15.145	13.1	8.1	0.0	8.1	0.3
6	10.9	24.0	18.6	73.9	15.081	13.0	0.0	0.0	0.0	7.7
7	12.0	24.0	18.3	75.0	15.466	13.4	4.9	16.5	21.4	4.5
8	13.0	22.0	17.9	82.0	16.725	14.6	0.0	6.2	6.2	4.0
9	13.5	22.0	18.2	80.2	16.642	14.6	11.0	0.1	11.1	2.7
10	13.0	23.0	18.1	78.1	15.898	13.9	1.6	50.1	51.7	2.8
11	13.6	22.0	17.6	82.6	16.319	14.2	2.4	0.0	2.4	4.5
12	13.5	21.0	17.4	81.7	15.902	13.8	1.0	0.0	1.0	0.3
13	13.5	21.0	16.8	89.7	16.997	14.9	2.6	0.0	2.6	1.2
14	13.5	21.0	17.5	81.6	16.099	14.1	0.8	0.2	1.0	1.2
15	13.5	22.0	17.7	80.7	16.067	14.0	0.0	0.0	0.0	3.6
16	11.9	22.0	17.4	71.5	14.130	11.9	23.1	1.2	24.3	4.2
17	13.0	22.0	17.7	81.1	16.165	14.2	0.4	0.0	0.4	2.7
18	13.0	18.5	16.3	90.5	16.603	14.5	12.7	21.6	34.3	0.0
19	13.0	22.5	17.1	79.7	15.482	13.5	32.6	1.3	33.9	3.2
20	12.5	21.0	18.0	81.8	16.484	14.4	1.1	0.6	1.7	1.5
21	12.0	21.5	16.9	81.3	15.526	13.5	0.0	0.0	0.0	0.2
22	13.0	20.0	16.0	88.9	16.108	14.1	7.9	0.0	7.9	0.1
23	11.8	23.0	18.2	72.4	14.708	12.5	0.0	0.0	0.0	4.3
24	12.5	25.0	18.6	67.2	13.944	11.9	0.0	0.0	0.0	7.8
25	10.5	26.0	18.6	58.5	12.053	9.7	0.0	0.0	0.0	4.7
26	12.5	25.0	18.7	66.2	13.846	11.7	0.0	0.0	0.0	2.6
27	11.0	25.0	17.8	73.7	14.926	12.9	0.1	0.0	0.1	5.9
28	11.9	25.0	18.9	66.7	14.291	12.2	0.0	0.0	0.0	4.9
Prom.	12.6	22.6	17.7	77.7	15.449	13.4	137.2	116.1	253.3	97.2

Estación LA FLORIDA

Municipio POPAYAN

Año 1.971

Altitud 1.850 metros

Latitud 2-27 N.

Longitud 76-35 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.6	24.5	16.4	83.3	15.551	13.3	0.9	0.0	0.9	5.7
2	12.6	23.0	17.0	82.8	15.626	13.6	0.8	11.5	12.3	3.6
3	12.5	22.5	18.1	72.5	14.862	12.8	0.1	0.8	0.9	3.2
4	13.5	23.0	17.1	82.3	15.784	13.8	0.9	0.0	0.9	3.3
5	11.0	25.9	19.1	70.8	15.283	13.1	10.4	0.0	10.4	8.5
6	12.4	25.0	18.8	68.6	14.687	12.6	0.0	0.0	0.0	5.7
7	14.1	25.0	19.4	75.0	16.738	14.7	0.0	18.9	18.9	4.1
8	14.0	22.0	17.8	83.7	17.138	15.1	0.4	0.0	0.4	1.6
9	12.5	25.0	19.5	67.2	14.945	12.8	0.0	0.0	0.0	5.4
10	12.5	25.0	18.6	70.7	15.214	13.1	0.0	0.0	0.0	5.0
11	11.5	23.5	17.3	75.7	15.102	12.9	0.0	0.3	1.3	4.9
12	13.5	23.5	17.4	87.8	17.309	15.2	5.5	18.0	23.5	2.7
13	14.5	23.0	17.9	81.3	16.588	14.6	0.0	0.0	0.0	5.8
14	14.5	22.0	19.0	76.9	16.752	14.7	0.0	0.0	0.0	3.0
15	14.0	21.0	16.8	88.9	17.153	15.1	6.8	0.0	6.8	0.9
16	13.0	20.5	17.0	79.8	15.543	13.5	0.5	0.0	0.5	0.9
17	13.0	22.0	17.5	74.5	14.749	12.7	15.4	0.0	15.4	2.9
18	14.0	20.5	17.4	85.2	16.763	14.7	6.9	3.1	10.0	0.2
19	14.0	21.5	17.2	84.4	16.824	14.8	5.6	0.0	5.6	1.3
20	12.5	20.0	16.6	89.6	16.757	14.7	0.8	0.4	1.2	0.3
21	12.0	24.0	17.9	85.7	17.918	15.7	4.9	0.1	5.0	1.5
22	14.0	23.0	17.8	80.4	16.239	14.2	0.0	8.2	8.2	5.0
23	13.0	24.0	17.6	77.5	15.374	13.4	3.4	8.5	11.9	1.5
24	13.5	22.0	17.1	83.4	16.155	14.2	2.7	0.8	3.5	2.4
25	12.0	21.5	16.1	84.2	15.468	13.3	3.1	0.5	3.6	1.8
26	14.2	23.5	16.9	83.8	15.847	13.8	6.7	3.2	9.9	3.1
27	12.5	22.0	18.4	71.8	15.191	13.2	0.5	0.0	0.5	4.2
28	16.0	23.5	17.7	87.8	18.046	15.9	7.6	9.0	16.6	1.4
29	12.2	22.5	18.0	79.0	15.739	13.7	2.2	8.4	10.6	1.8
30	12.6	23.5	16.9	79.3	15.181	13.2	7.2	0.8	8.0	3.7
31	13.0	23.5	17.6	76.1	15.063	13.0	8.4	0.0	8.4	4.1
Prom.	13.1	22.9	17.7	79.7	15.987	13.9	102.0	93.5	195.5	99.5

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	11.5	22.5	16.9	77.1	14.873	12.8	4.1	4.5	8.6	3.8
2	12.5	24.0	18.4	71.2	14.661	12.5	3.7	30.0	33.7	6.7
3	12.0	18.5	14.5	88.8	14.645	12.7	3.0	0.0	3.0	0.2
4	9.5	24.5	18.2	63.4	12.952	10.6	0.0	0.0	0.0	10.3
5	11.0	24.0	17.6	66.4	13.266	11.1	0.4	0.0	0.4	4.3
6	12.0	24.5	18.5	72.3	14.854	12.8	0.0	0.0	0.0	5.6
7	11.0	24.5	16.4	70.2	15.049	12.8	5.7	2.3	8.0	5.1
8	13.5	25.0	18.6	78.5	15.103	13.1	25.1	0.0	25.1	6.9
9	12.0	23.0	17.4	68.9	13.575	11.4	1.3	0.7	2.0	2.6
10	13.0	23.5	18.4	69.2	14.637	12.5	0.1	5.4	5.5	8.4
11	12.5	23.5	18.4	69.3	14.710	12.7	0.0	0.0	0.0	5.7
12	13.0	23.5	18.2	72.1	15.008	13.0	0.0	0.0	0.0	3.9
13	12.5	24.5	18.3	68.9	14.530	12.4	0.5	0.0	0.5	3.7
14	13.7	21.0	17.0	80.6	15.612	13.5	2.2	0.0	2.2	1.2
15	12.5	24.0	18.7	72.5	15.461	13.4	0.7	2.9	3.6	4.3
16	15.0	24.0	18.5	74.7	16.141	14.1	0.8	0.0	0.8	3.2
17	12.5	23.0	16.8	75.1	14.487	12.4	4.2	2.4	6.6	2.3
18	13.0	22.5	17.9	76.5	15.408	13.4	1.0	3.9	4.9	0.2
19	12.5	22.0	17.9	77.4	15.654	13.7	0.0	0.0	0.0	1.3
20	14.0	24.9	17.6	88.2	17.942	15.5	4.3	0.1	4.4	2.4
21	14.4	25.3	19.3	75.9	16.605	14.5	0.6	0.0	0.6	3.4
22	14.1	25.4	18.9	72.1	15.838	13.6	1.4	4.6	6.0	6.5
23	14.9	22.4	18.1	84.0	17.296	15.2	1.9	0.1	2.0	0.0
24	14.9	25.4	19.3	73.0	15.992	14.0	0.0	0.0	0.0	3.4
25	14.3	27.0	21.3	53.0	13.064	10.7	0.0	0.0	0.0	6.8
26	14.1	27.3	19.9	68.4	15.498	13.3	19.9	0.0	19.9	5.0
27	12.9	27.3	19.1	71.9	15.510	13.4	5.5	30.1	35.6	7.5
28	14.5	24.5	18.4	78.8	16.624	14.5	6.2	0.0	6.2	5.1
29	12.5	28.0	18.6	66.5	14.164	12.0	1.0	0.0	1.0	9.2
30	11.8	25.9	19.4	71.7	15.906	13.8	0.1	0.0	0.1	6.5
Prom.	12.9	24.2	18.2	73.2	15.169	13.0	93.7	87.0	180.7	135.5

Estación **LA FLORIDA**
 Altitud **1.850** metros

Municipio **POPAYAN**
 Latitud **2-27 N.**

Año **1.971**
 Longitud **76-35 W.**

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.9	22.0	18.4	87.7	18.460	16.2	1.2	0.0	1.2	0.3
2	15.8	21.9	18.5	84.1	17.827	15.7	1.7	0.0	1.7	2.8
3	14.0	24.5	18.1	83.6	17.732	15.5	6.2	0.0	6.2	3.5
4	14.5	23.9	17.6	81.9	16.395	14.4	8.1	7.5	15.6	2.4
5	14.8	24.5	18.9	80.0	17.245	15.1	5.9	22.3	28.2	4.3
6	15.3	21.3	17.4	83.2	16.479	14.4	0.9	0.0	0.9	0.7
7	14.8	25.4	18.4	78.1	16.011	13.9	24.8	4.8	29.6	3.7
8	14.5	22.9	18.4	84.6	17.958	15.7	2.3	0.1	2.4	0.8
9	13.8	24.3	18.9	72.0	15.584	13.4	0.1	0.0	0.1	5.6
10	14.4	25.5	19.3	75.5	16.646	14.5	0.5	5.9	6.4	4.2
11	15.4	25.0	18.5	80.3	17.326	15.1	12.6	0.9	13.5	2.8
12	15.5	25.0	19.0	81.1	17.889	15.7	0.5	0.0	0.5	3.8
13	14.0	24.9	19.5	77.4	17.277	15.1	0.0	0.0	0.0	4.0
14	14.5	21.9	18.0	86.1	18.044	15.7	17.3	0.0	17.3	0.0
15	13.9	23.4	17.7	80.0	16.049	14.0	17.5	26.8	44.3	2.0
16	14.9	21.0	16.9	80.8	15.382	13.3	1.6	0.0	1.6	0.1
17	13.9	21.9	16.9	89.6	17.624	15.5	0.5	0.1	0.6	5.5
18	13.9	25.6	18.8	69.1	14.915	12.9	0.0	0.1	0.1	2.9
19	14.8	23.9	18.9	80.1	17.365	15.2	0.6	0.0	0.6	3.9
20	15.6	23.9	18.5	83.8	18.017	15.8	5.2	0.0	5.2	2.4
21	14.6	24.5	18.7	79.7	17.010	14.9	0.5	0.1	0.6	3.3
22	12.9	23.9	17.5	79.5	16.101	14.0	1.1	28.7	29.8	4.3
23	14.5	23.9	17.4	80.4	16.089	14.1	24.6	0.0	24.6	1.2
24	13.8	24.9	17.2	83.1	16.721	14.5	0.7	0.0	0.7	4.9
25	14.5	20.9	16.8	90.8	17.619	15.5	22.5	0.4	22.9	1.6
26	14.1	24.0	18.0	77.1	15.726	13.6	1.5	0.0	1.5	3.5
27	13.5	25.0	18.6	70.1	15.455	13.1	0.2	0.0	0.2	7.7
28	15.0	23.9	19.0	73.5	15.943	13.8	0.5	0.0	0.5	4.2
29	13.8	25.0	19.2	68.2	15.152	13.2	0.0	0.0	0.0	6.6
30	15.6	23.5	17.7	87.0	17.725	15.6	0.0	0.0	0.0	2.7
31	12.1	24.0	18.1	72.1	14.338	12.3	0.0	0.0	0.0	3.5
Prom.	14.4	23.7	18.2	80.0	16.713	14.6	159.1	97.7	256.8	99.2

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.5	22.6	18.4	68.4	14.368	12.2	0.0	0.0	0.0	4.4
2	15.0	24.9	19.1	74.3	16.284	14.2	0.0	0.0	0.0	4.8
3	14.6	27.9	20.9	65.6	15.368	13.1	0.0	0.0	0.0	7.4
4	14.6	25.9	19.2	73.1	15.856	13.8	0.0	0.0	0.0	6.4
5	15.4	23.8	19.2	79.9	17.572	15.4	0.0	0.0	0.0	2.6
6	14.3	25.5	18.3	76.1	16.075	14.1	12.6	0.0	12.6	5.4
7	14.1	21.5	17.8	75.1	15.377	13.3	0.8	0.2	1.0	1.2
8	14.5	24.4	18.9	75.5	16.212	14.1	0.0	0.0	0.0	5.0
9	11.5	22.0	17.6	76.4	15.536	13.4	6.8	0.0	6.8	2.1
10	14.5	22.9	17.5	82.5	16.288	14.3	2.8	0.0	2.8	2.8
11	11.5	24.6	18.5	74.7	15.504	13.4	0.0	0.0	0.0	5.0
12	12.9	21.0	16.2	78.6	14.696	12.7	35.9	0.3	36.2	0.2
13	12.8	24.2	17.6	77.9	15.144	13.0	0.3	0.0	0.3	4.0
14	13.8	25.4	18.5	79.3	16.832	14.7	2.8	1.0	3.8	4.5
15	12.5	23.3	17.4	75.1	14.885	12.9	0.0	0.0	0.0	6.1
16	11.5	23.3	17.8	71.7	14.876	12.9	0.0	0.1	0.1	5.4
17	13.0	23.5	17.5	77.1	15.380	13.4	0.0	0.0	0.0	7.3
18	13.0	22.9	16.7	78.0	14.778	12.8	1.2	0.0	1.2	3.0
19	11.0	22.0	16.1	83.4	15.186	13.1	2.7	0.0	2.7	5.9
20	12.5	24.0	17.4	79.5	16.065	14.0	0.2	0.3	0.5	5.6
21	12.1	22.0	17.1	79.9	15.744	13.8	0.8	0.0	0.8	5.0
22	12.0	22.0	16.5	80.7	15.734	13.4	3.3	0.0	3.3	4.3
23	12.0	26.6	18.8	53.4	11.301	8.7	0.0	0.0	0.0	9.3
24	10.5	24.0	18.2	63.7	13.336	11.2	0.0	0.0	0.0	4.9
25	11.5	23.2	18.0	65.2	13.500	11.3	0.0	0.0	0.0	6.4
26	10.5	21.0	16.3	81.9	15.291	13.3	0.4	0.0	0.4	3.1
27	11.5	22.9	16.7	73.4	14.117	12.0	15.9	12.4	28.3	7.1
28	14.0	20.0	16.0	89.1	16.521	14.5	3.8	0.0	3.8	1.8
29	11.0	21.2	16.2	74.6	14.087	11.9	0.8	0.0	0.8	5.9
30	10.5	25.0	17.2	80.8	15.669	13.5	0.7	1.8	2.5	5.8
Prom.	12.7	23.5	17.7	75.5	15.253	13.1	91.8	16.1	107.9	142.7

Estación **LA FLORIDA**
 Altitud **1.850** metros

Municipio **POPAYAN**
 Latitud **2-27 N.**

Año **1.971**
 Longitud **76-35 W.**

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.5	23.3	16.9	74.3	14.172	12.1	0.0	0.0	0.0	4.1
2	12.5	22.9	16.7	76.1	14.424	12.4	0.0	0.0	0.0	3.6
3	13.8	24.0	17.7	79.1	16.167	14.1	0.5	0.0	0.5	5.0
4	12.0	23.0	16.9	77.7	14.871	12.8	0.0	0.0	0.0	4.0
5	11.3	25.0	18.5	68.8	14.492	12.4	0.7	0.0	0.7	7.2
6	12.5	24.8	18.3	71.7	14.686	12.6	0.0	0.0	0.0	4.1
7	13.5	20.9	16.5	79.2	14.931	12.9	0.0	0.0	0.0	1.5
8	11.0	24.9	19.1	56.9	11.945	9.5	0.0	0.0	0.0	7.9
9	12.5	26.2	19.2	57.1	12.674	10.4	0.0	0.0	0.0	7.6
10	14.5	24.9	18.3	55.6	11.911	9.3	1.2	0.0	1.2	5.1
11	11.3	24.3	17.7	65.8	13.305	11.2	0.0	0.0	0.0	4.8
12	12.5	24.8	17.5	72.9	14.323	12.1	1.5	0.0	1.5	5.2
13	11.5	23.9	18.2	71.6	14.669	12.6	0.4	0.0	0.4	5.5
14	13.9	23.9	16.9	67.0	12.885	10.7	10.9	0.0	10.9	1.8
15	10.5	23.9	17.4	48.6	9.438	6.1	0.0	0.0	0.0	10.0
16	9.0	25.3	17.7	50.6	10.089	7.1	0.0	0.0	0.0	7.0
17	10.0	23.7	17.7	54.1	10.780	8.1	0.0	0.0	0.0	7.7
18	10.9	27.3	20.0	60.0	14.053	11.9	0.0	0.0	0.0	5.9
19	13.0	28.0	20.0	48.7	11.133	8.3	0.0	0.0	0.0	9.0
20	11.0	27.3	20.4	46.8	11.037	8.4	0.0	0.0	0.0	9.3
21	14.2	26.3	19.7	57.8	12.999	10.8	0.0	0.0	0.0	6.5
22	14.0	26.3	19.5	58.6	13.266	11.1	0.0	0.0	0.0	5.1
23	12.9	24.8	18.1	59.7	12.562	10.2	0.5	0.0	0.5	4.6
24	12.9	27.0	19.4	58.2	13.089	10.9	0.0	0.0	0.0	4.8
25	10.5	26.0	18.4	57.5	12.229	9.8	0.0	0.0	0.0	6.8
26	11.5	23.0	17.4	77.0	15.376	13.4	1.2	0.0	1.2	3.1
27	13.5	21.2	17.3	73.0	14.487	12.4	0.0	0.0	0.0	2.8
28	10.5	22.6	16.1	64.0	12.067	9.5	0.0	0.0	0.0	3.5
29	10.5	24.3	17.0	53.7	10.499	7.7	0.0	0.0	0.0	6.0
30	13.6	25.4	16.9	61.9	12.570	9.9	0.0	0.0	0.0	3.3
31	11.6	23.7	17.4	64.0	12.842	10.5	0.0	0.0	0.0	4.0
Prom.	12.1	24.6	18.0	63.5	13.031	10.7	16.9	0.0	16.9	166.8

M E S - AGUSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	11.8	22.6	17.4	53.1	10.551	7.5	0.2	0.0	0.2	2.9
2	12.1	22.0	17.5	66.5	13.211	11.0	0.0	0.0	0.0	6.5
3	13.4	23.8	17.1	69.7	13.659	11.6	0.0	0.0	0.0	0.0
4	13.8	23.8	16.7	77.8	14.652	12.6	12.8	9.0	21.8	3.7
5	12.8	22.2	16.0	73.3	13.318	11.2	0.0	0.0	0.0	3.6
6	10.5	23.3	16.3	69.5	12.850	10.6	11.8	0.0	11.8	2.8
7	11.5	22.4	16.4	67.2	12.658	10.5	0.0	0.0	0.0	5.3
8	11.0	22.8	16.0	69.4	12.909	10.6	1.5	0.0	1.5	3.6
9	11.0	24.9	16.8	58.3	10.667	7.8	0.0	0.0	0.0	4.7
10	11.5	24.0	17.0	61.4	12.019	9.7	0.0	0.0	0.0	4.7
11	10.5	23.8	17.5	61.7	12.177	9.8	0.0	0.0	0.0	5.5
12	12.0	20.9	15.5	77.8	14.000	12.0	2.9	0.0	2.9	2.5
13	10.0	24.7	16.2	66.0	12.172	9.7	3.5	0.8	4.3	7.5
14	10.0	21.0	16.4	66.1	12.417	10.2	0.0	0.0	0.0	0.9
15	10.0	20.9	16.2	72.9	13.407	11.3	0.0	0.0	0.0	1.5
16	10.5	21.9	16.3	72.2	13.142	10.9	0.0	0.0	0.0	4.2
17	11.0	21.4	15.9	72.0	13.087	10.9	9.8	0.0	9.8	4.9
18	12.0	23.1	16.1	70.0	12.803	10.5	32.5	0.1	32.6	3.6
19	12.5	21.9	16.7	76.6	14.643	12.6	0.6	0.0	0.6	3.9
20	12.0	22.8	16.5	73.1	13.647	11.5	2.4	0.0	2.4	2.4
21	11.5	22.5	17.0	73.5	14.160	12.2	0.4	0.0	0.4	3.8
22	11.0	23.6	18.0	67.5	13.961	11.7	0.0	0.0	0.0	8.1
23	11.4	25.0	18.1	69.4	14.117	12.1	0.0	3.7	3.7	7.5
24	12.8	22.9	16.8	77.0	14.621	12.6	3.6	0.0	3.6	1.1
25	11.0	22.9	17.0	73.8	14.525	12.4	0.0	0.0	0.0	4.3
26	14.4	20.9	16.2	79.9	14.811	12.8	7.5	0.0	7.5	0.2
27	11.0	21.8	16.8	75.0	14.068	12.1	0.0	0.0	0.0	3.9
28	10.5	21.5	17.8	58.2	10.729	7.7	0.0	0.0	0.0	4.5
29	13.0	23.9	18.4	53.9	11.427	8.8	0.0	0.0	0.0	7.0
30	13.9	24.6	18.8	56.6	11.960	9.5	0.0	0.0	0.0	3.8
31	12.0	24.9	18.5	55.4	12.021	9.6	0.0	0.0	0.0	6.4
Prom.	11.7	22.9	16.9	68.2	13.045	10.8	97.7	13.6	111.3	125.3

Estación LA FLORIDA
Altitud 1.850 metros

Municipio POPAYAN
Latitud 2-27 N.

Año 1.971
Longitud 76-35 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	11.5	24.0	17.5	74.6	15.005	13.0	1.5	0.0	1.5	1.9
2	12.5	24.8	18.0	66.1	13.301	11.1	0.0	0.0	0.0	4.7
3	11.5	21.7	16.7	69.7	13.298	11.1	9.6	0.0	9.6	2.1
4	10.0	20.9	16.1	77.5	14.206	12.2	0.0	0.0	0.0	1.4
5	11.0	24.5	17.9	68.5	13.793	11.7	0.0	0.0	0.0	6.9
6	11.0	24.2	17.3	58.1	11.436	8.9	1.1	0.8	1.9	7.2
7	13.5	22.0	15.6	78.5	13.886	11.8	6.1	10.4	16.5	0.8
8	12.5	20.9	16.3	79.7	14.501	12.4	9.8	3.5	13.3	0.8
9	11.5	23.6	15.8	60.1	10.667	7.6	0.0	0.0	0.0	4.5
10	10.0	22.8	15.9	65.9	11.994	9.5	5.5	0.0	5.5	4.2
11	10.0	25.3	17.0	56.1	11.169	8.4	0.0	0.0	0.0	10.1
12	12.0	22.9	16.6	73.0	13.721	11.6	0.0	0.5	0.5	4.0
13	11.5	26.0	16.9	61.3	11.741	9.2	0.0	0.0	0.0	5.4
14	9.0	24.9	17.4	65.6	12.853	10.4	0.0	0.0	0.0	7.0
15	10.0	24.0	17.4	65.7	12.982	10.7	0.0	0.0	0.0	6.7
16	13.5	22.0	16.2	80.1	14.779	12.8	1.1	0.0	1.1	2.4
17	12.0	21.9	16.0	79.8	14.595	12.6	27.5	0.0	27.5	5.4
18	12.8	22.6	16.8	72.0	13.815	11.8	0.0	0.0	0.0	2.1
19	10.5	24.1	18.6	62.9	13.311	11.1	0.0	0.0	0.0	5.6
20	13.3	22.9	17.5	76.3	15.297	13.3	27.5	9.0	36.5	2.3
21	13.6	21.9	17.2	82.5	16.364	14.4	2.6	0.2	2.8	4.3
22	11.5	25.0	16.8	76.4	15.029	12.8	3.7	0.0	3.7	5.9
23	11.0	24.0	18.4	64.9	13.845	11.8	0.0	0.0	0.0	6.3
24	13.6	24.9	18.3	62.1	12.589	10.2	0.0	0.0	0.0	5.2
25	11.5	21.5	18.0	69.1	14.320	12.2	0.0	0.0	0.0	0.9
26	12.0	24.0	18.0	69.6	14.767	12.7	2.9	0.0	2.9	6.3
27	11.0	24.2	18.5	63.2	13.587	11.5	0.0	0.3	0.3	8.2
28	12.5	23.6	18.5	69.5	14.666	12.6	0.0	0.0	0.0	4.8
29	12.0	23.9	17.1	67.8	13.253	11.1	0.0	1.0	1.0	4.4
30	13.7	20.0	17.1	76.4	15.131	13.1	0.2	0.0	0.2	1.2
Prom.	11.7	23.3	17.2	69.8	13.663	11.5	99.1	25.7	124.8	133.0

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	11.5	22.0	17.1	67.6	13.461	11.3	2.7	0.0	2.7	1.2
2	13.0	20.9	16.4	84.7	15.706	13.7	4.5	2.9	7.4	0.4
3	13.5	22.0	17.2	76.8	15.111	13.1	5.4	0.0	5.4	3.6
4	13.0	19.0	15.6	87.9	15.740	13.7	4.4	0.0	4.4	0.4
5	13.4	21.4	16.5	80.7	15.505	13.5	5.0	0.3	5.3	2.0
6	13.4	24.0	16.9	72.2	13.959	11.9	0.2	0.0	0.2	3.4
7	11.0	23.9	17.2	69.2	13.827	11.7	4.5	0.0	4.5	5.1
8	9.5	24.2	18.3	69.4	14.551	12.5	3.8	0.8	4.6	6.7
9	11.0	23.9	17.3	72.6	14.229	12.1	0.0	0.0	0.0	4.2
10	12.5	23.0	16.7	73.0	14.149	12.0	23.5	14.8	38.3	1.5
11	11.5	22.8	17.2	77.1	15.524	13.4	2.5	0.2	2.7	3.3
12	12.5	22.9	17.4	73.0	14.840	12.8	21.6	0.4	22.0	5.2
13	10.5	24.6	17.3	64.5	12.562	10.2	0.0	0.0	0.0	4.9
14	11.0	23.3	16.9	68.2	13.201	11.0	0.0	0.0	0.0	3.6
15	12.5	24.0	18.1	73.4	15.388	13.4	2.4	7.0	9.4	4.8
16	11.0	22.0	16.7	78.9	15.474	13.3	15.7	0.1	15.8	3.1
17	13.6	20.0	16.1	86.6	16.230	14.3	2.8	0.1	2.9	0.8
18	13.0	20.0	16.5	84.9	16.082	14.1	0.6	0.0	0.6	0.5
19	11.0	21.6	16.4	77.4	14.533	12.5	2.8	0.2	3.0	3.4
20	11.0	24.8	18.0	79.3	16.139	14.2	0.0	0.0	0.0	6.9
21	13.6	21.5	16.0	84.7	16.159	14.0	80.5	0.0	80.5	2.0
22	10.3	23.0	16.4	72.5	13.787	11.7	11.4	0.0	11.4	4.3
23	11.0	22.0	16.3	67.9	12.908	10.7	25.1	17.3	42.4	5.0
24	12.5	23.9	16.9	73.0	13.915	11.9	0.0	3.8	3.8	4.8
25	13.5	21.6	15.7	90.6	16.824	14.7	11.1	0.0	11.1	0.3
26	9.0	24.2	16.7	68.5	12.913	10.5	9.2	15.9	25.1	8.2
27	13.0	21.6	16.6	75.9	14.275	12.2	3.3	0.0	3.3	0.0
28	11.0	23.3	17.1	75.1	14.496	12.4	12.7	0.0	12.7	2.1
29	13.6	22.8	17.5	80.9	16.519	14.4	1.0	0.0	1.0	0.0
30	12.0	20.6	17.1	74.1	14.566	12.6	3.3	0.0	3.3	0.0
31	13.4	19.8	16.4	82.3	15.407	13.4	2.3	0.0	2.3	0.0
Prom.	12.0	22.4	16.9	76.2	14.774	12.7	262.3	63.8	326.1	91.7

Estación **LA FLORIDA**
 Altitud **1.850** metros

Municipio **POPAYAN**
 Latitud **2-27 N.**

Año **1.971**
 Longitud **76-35 W.**

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.3	22.8	17.0	74.7	14.447	12.4	24.0	0.0	24.0	0.0
2	14.3	21.3	16.3	87.0	16.509	14.5	28.8	1.2	30.0	0.0
3	13.5	21.8	16.0	79.5	14.406	12.4	7.0	0.0	7.0	0.5
4	11.0	23.3	16.7	73.7	13.689	11.5	1.0	0.1	1.1	6.6
5	12.5	22.0	16.8	82.7	16.046	13.9	10.5	0.0	10.5	4.0
6	12.0	24.0	17.9	74.7	15.447	13.3	0.0	0.0	0.0	3.7
7	12.5	22.0	16.8	79.6	15.457	13.5	0.2	0.0	0.2	3.1
8	13.3	23.0	17.9	76.1	15.580	13.5	6.4	21.5	27.9	4.9
9	14.0	19.9	16.1	89.0	16.556	14.6	7.6	0.0	7.6	0.3
10	10.0	23.0	17.7	71.7	14.177	12.0	0.2	0.0	0.2	5.6
11	10.5	24.4	17.7	70.1	14.324	12.1	39.3	0.2	39.5	7.0
12	11.0	23.3	18.4	65.8	13.867	11.6	0.0	0.0	0.0	6.7
13	11.0	23.9	18.9	68.6	14.945	12.8	0.0	0.0	0.0	7.6
14	12.0	23.3	16.7	72.2	13.647	11.5	13.2	28.7	41.9	0.8
15	13.3	23.0	17.9	69.8	14.094	12.0	1.1	0.0	1.1	4.9
16	12.8	24.4	18.1	65.8	13.767	11.6	9.0	7.2	16.2	5.8
17	15.0	22.5	16.6	79.7	15.068	13.1	2.1	7.2	9.3	3.9
18	13.5	20.9	17.0	78.4	14.924	12.9	0.0	2.7	2.7	0.0
19	14.5	22.0	16.0	74.9	13.541	11.3	9.2	0.0	9.2	1.8
20	13.5	21.0	16.6	77.9	14.640	12.6	4.4	0.6	5.0	0.8
21	12.6	21.6	16.0	81.9	14.877	12.9	12.9	0.0	12.9	3.3
22	11.5	22.9	16.1	87.1	16.090	14.1	3.4	0.0	3.4	3.4
23	10.5	25.0	17.5	70.2	13.932	11.7	2.5	3.1	5.6	4.9
24	11.5	22.4	17.1	77.5	14.895	12.8	3.1	19.6	22.7	2.1
25	13.8	23.3	17.1	79.1	15.262	13.3	31.3	3.7	35.0	2.2
26	13.6	23.1	16.9	76.2	14.316	12.2	1.1	0.0	1.1	2.6
27	13.5	24.0	17.3	72.3	14.098	12.1	4.6	0.0	4.6	5.0
28	13.9	22.4	16.7	76.4	14.482	12.5	0.0	0.0	0.0	1.1
29	12.8	22.2	16.5	84.5	16.021	13.9	12.1	0.0	12.1	3.3
30	13.5	22.9	18.2	74.9	15.527	13.5	0.0	0.0	0.0	4.2
Prom.	12.7	22.7	17.1	76.4	14.821	12.7	235.0	95.8	330.8	100.1

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.6	23.3	17.4	82.0	16.414	14.4	6.9	0.0	6.9	4.2
2	13.8	23.1	17.6	80.7	16.356	14.3	0.0	0.0	0.0	4.1
3	13.5	21.5	16.9	81.5	15.814	13.8	7.6	0.0	7.6	3.9
4	12.5	22.0	16.6	81.6	15.461	13.5	11.7	0.0	11.7	2.6
5	10.0	22.6	16.9	73.4	14.128	12.0	0.0	0.0	0.0	9.1
6	11.0	22.9	16.3	70.6	12.808	10.4	0.0	0.0	0.0	4.5
7	13.5	25.4	18.1	73.4	15.072	13.1	0.0	0.0	0.0	8.9
8	11.0	27.9	17.5	67.3	12.855	10.6	0.0	0.0	0.0	9.2
9	12.0	24.9	18.4	74.5	15.906	13.8	0.0	1.8	1.8	8.8
10	11.0	25.6	17.6	63.7	12.904	10.7	8.8	0.0	8.8	8.6
11	11.0	24.0	17.2	70.4	13.974	11.9	3.9	0.0	3.9	7.5
12	11.0	23.9	18.1	67.2	13.999	11.9	0.0	0.0	0.0	6.3
13	12.0	25.4	17.1	72.2	14.352	12.3	0.3	0.0	0.3	6.8
14	11.5	25.0	19.2	67.5	14.951	12.8	0.2	0.0	0.2	9.4
15	12.0	25.0	18.2	73.1	15.341	13.3	0.0	0.0	0.0	5.7
16	11.5	25.9	18.3	73.2	15.394	13.3	0.6	0.0	0.6	6.8
17	12.0	26.0	17.7	72.6	14.678	12.6	0.5	18.0	18.5	4.0
18	13.0	23.0	18.4	80.1	16.514	14.4	0.0	0.0	0.0	2.1
19	10.0	24.6	17.6	66.0	13.155	10.9	0.0	0.0	0.0	10.3
20	13.0	24.5	17.1	79.0	15.463	13.5	50.4	0.0	50.4	4.4
21	12.0	20.9	16.1	88.1	16.351	14.3	4.4	7.5	11.9	1.4
22	13.5	21.9	15.8	87.5	15.794	13.8	17.5	4.1	21.6	1.9
23	13.6	22.0	16.1	82.3	15.230	13.3	16.0	4.1	20.1	4.0
24	12.5	22.5	16.9	79.4	15.021	13.0	4.7	9.2	13.9	5.9
25	12.5	19.5	15.6	87.8	15.776	13.8	3.2	0.5	3.7	0.4
26	10.5	21.5	16.4	73.6	13.833	11.6	6.6	0.0	6.6	4.0
27	12.5	20.5	16.3	81.2	15.061	13.0	3.6	3.8	7.4	1.8
28	13.5	22.5	17.0	79.7	15.340	13.3	0.6	0.0	0.6	1.7
29	11.5	22.9	15.8	81.4	14.742	12.5	21.0	12.4	33.4	5.8
30	12.5	22.0	17.4	81.3	15.925	13.9	0.0	0.0	0.0	7.3
31	11.5	24.9	18.1	69.9	13.978	11.8	0.0	0.0	0.0	5.1
Prom.	12.1	23.5	17.2	76.2	14.922	12.8	168.5	61.4	229.9	166.5

Estación **LA FLORIDA**
 Altitud **1.850 Metros**

Municipio **POPAYAN**
 Latitud **2-27 N.**

Año **1.971**
 Longitud **76-35 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	12.9	23.5	17.6	11.0	27.3	77.4	15.571	13.5	278.4	25	143.5
FEBRERO	12.6	22.6	17.7	10.5	26.0	77.7	15.449	13.4	253.3	20	97.2
MARZO	13.1	22.9	17.7	11.0	25.9	79.7	15.987	13.9	195.5	26	99.5
ABRIL	12.9	24.2	18.2	9.5	28.0	73.2	15.169	13.0	180.7	23	135.5
MAYO	14.4	23.7	18.2	12.1	25.6	80.0	16.713	14.6	256.8	27	99.2
JUNIO	12.7	23.5	17.7	10.5	27.9	75.5	15.253	13.1	107.9	18	142.7
JULIO	12.1	24.6	18.0	9.0	28.0	63.5	13.031	10.7	16.9	8	166.8
AGOSTO	11.7	22.9	16.9	10.0	25.0	68.2	13.045	10.8	111.3	16	125.3
SEPTIEMBRE	11.7	23.3	17.2	9.0	26.0	69.8	13.663	11.5	124.8	16	133.0
OCTUBRE	12.0	22.4	16.9	9.0	24.8	76.2	14.774	12.7	326.1	27	91.7
NOVIEMBRE	12.7	22.7	17.1	10.0	25.0	76.4	14.821	12.7	330.8	25	100.1
DICIEMBRE	12.1	23.5	17.2	10.0	27.9	76.2	14.922	12.8	229.9	20	166.5
PROMEDIO	12.6	23.3	17.5	10.1	26.5	74.5	14.867	12.7			
TOTAL									2412.4	251	1501.0

Estación **MANUEL MEJIA**
 Altitud **1.700** metros

Municipio **TAMBO**
 Latitud **2-24 N.**

Año **1.971**
 Longitud **76-48 W.**

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	26.3	20.5	86.7	20.779	18.1	0.0	0.0	0.0	6.1
2	16.4	26.2	19.4	88.5	19.937	17.4	0.0	0.0	0.0	5.2
3	16.4	24.2	19.1	93.1	20.730	18.0	0.0	0.0	0.0	4.5
4	15.1	23.1	17.8	93.9	19.656	17.2	30.8	0.0	30.8	3.8
5	15.1	24.0	18.8	91.6	19.769	17.3	19.5	31.5	51.0	3.5
6	15.0	23.0	17.8	90.1	18.504	16.3	8.6	33.5	42.1	2.5
7	16.0	24.2	18.2	94.7	19.875	17.4	2.7	0.8	3.5	3.1
8	15.8	23.4	18.4	89.3	18.856	16.6	35.0	5.0	40.0	1.6
9	15.4	21.0	17.0	92.7	18.229	16.0	0.4	1.0	1.4	3.2
10	15.6	22.2	18.9	91.4	19.846	17.4	3.5	0.7	4.2	5.7
11	16.0	24.0	17.9	88.5	18.438	16.2	4.8	2.7	7.5	5.2
12	15.4	23.0	17.2	92.4	18.589	16.3	1.3	2.9	4.2	1.3
13	13.6	23.0	19.4	89.3	18.788	16.5	0.6	3.1	3.7	4.6
14	15.8	25.0	17.2	91.2	18.265	16.1	2.6	0.0	2.6	4.6
15	14.8	22.4	18.4	91.4	19.438	17.1	0.0	3.3	3.3	4.6
16	15.3	23.1	17.4	89.6	18.068	15.9	0.0	0.0	0.0	0.1
17	13.5	23.0	18.1	87.9	17.913	15.7	0.0	19.0	19.0	0.8
18	14.6	20.0	16.7	99.1	18.788	16.5	1.7	0.0	1.7	1.3
19	14.3	21.5	17.2	91.4	17.735	15.6	0.2	0.4	0.6	2.6
20	14.6	22.0	17.5	91.5	18.369	16.1	4.9	11.6	16.5	1.0
21	15.3	22.0	18.1	92.8	19.199	16.8	0.0	0.0	0.0	3.3
22	14.5	23.3	17.9	89.2	18.093	15.9	0.1	6.0	6.1	3.7
23	15.2	24.2	18.3	87.9	18.326	16.1	4.1	0.0	4.1	7.1
24	14.8	24.0	17.6	86.1	17.423	15.3	17.5	1.4	18.9	4.9
25	13.8	23.0	18.1	89.3	18.637	16.4	1.9	0.7	2.6	7.9
26	15.0	24.0	17.7	87.1	17.639	15.5	0.1	0.0	0.1	6.1
27	14.3	23.0	17.9	86.5	17.698	15.6	9.4	0.2	9.6	5.6
28	14.2	25.0	17.5	88.4	17.979	15.8	9.0	0.0	9.0	5.6
29	14.6	22.3	17.9	91.9	19.020	16.7	0.9	0.7	1.6	9.5
30	13.4	24.0	18.8	84.5	17.933	15.7	0.0	0.0	0.0	0.0
31	15.7	23.0	18.1	89.0	18.520	16.3	1.0	0.0	1.0	0.0
Prom.	15.0	23.3	18.1	90.2	18.743	16.4	160.6	124.5	285.1	119.0

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.8	23.2	18.1	89.8	18.587	16.3	0.0	0.0	0.0	5.4
2	15.8	24.0	18.3	87.9	18.682	16.4	0.6	0.6	1.2	5.0
3	16.0	24.0	18.5	87.6	18.823	16.6	0.1	2.3	2.4	5.2
4	14.7	23.0	16.9	91.4	17.700	15.6	6.9	9.6	16.5	1.6
5	13.4	20.0	15.9	94.4	17.300	15.2	4.5	0.0	4.5	0.2
6	12.8	23.9	18.4	81.8	16.759	14.7	0.0	0.0	0.0	8.4
7	15.6	24.0	17.6	85.3	17.276	15.2	33.6	1.4	35.0	5.3
8	15.0	22.0	17.7	93.1	19.093	16.8	0.4	5.7	6.1	1.9
9	14.4	22.0	17.8	91.4	18.408	16.2	6.0	0.1	6.1	3.4
10	14.4	23.9	17.9	86.3	17.639	15.5	0.1	9.0	9.1	5.4
11	14.2	22.6	17.6	90.4	18.210	16.0	0.0	0.0	0.0	5.7
12	14.7	22.4	17.4	86.7	17.076	15.0	13.8	0.2	14.0	2.1
13	14.4	21.0	17.0	93.4	18.227	16.0	6.0	5.5	11.5	1.8
14	13.4	20.6	16.8	95.1	17.932	15.8	11.2	0.0	11.2	3.1
15	13.7	21.0	17.2	95.0	18.670	16.4	0.0	0.0	0.0	2.9
16	14.6	22.9	17.6	89.3	18.032	15.9	1.8	1.8	3.6	5.3
17	14.4	22.0	17.7	95.0	19.270	16.9	0.0	31.0	31.0	0.6
18	14.6	21.0	16.9	95.3	18.577	16.3	10.6	19.8	30.4	0.5
19	14.3	22.9	17.3	89.8	17.776	15.6	2.0	2.2	4.2	4.3
20	14.3	22.0	17.4	91.2	18.364	16.1	0.0	0.5	0.5	2.4
21	14.2	21.0	17.2	91.3	17.833	15.7	0.0	0.0	0.0	0.6
22	15.0	21.2	16.7	91.5	17.847	15.7	12.4	1.1	13.5	0.2
23	12.8	23.2	17.6	83.0	16.320	14.3	0.1	0.0	0.1	3.9
24	15.0	24.0	18.2	82.6	17.123	15.0	0.0	0.0	0.0	5.1
25	12.0	24.9	18.2	70.4	14.079	12.0	0.0	0.0	0.0	7.3
26	15.0	25.0	19.2	80.3	17.340	15.2	0.0	0.0	0.0	0.0
27	13.8	24.5	18.3	85.1	17.693	15.6	0.0	0.0	0.0	2.5
28	12.8	25.0	18.3	86.2	17.839	15.6	7.6	0.0	7.6	5.2
Prom.	14.3	22.8	17.6	88.6	17.803	15.6	117.7	90.8	208.5	95.3

Estación **MANUEL MEJIA**
 Altitud **1.700** metros

Municipio **TAMBO**
 Latitud **2-24 N.**

Año **1.971**
 Longitud **76-48 W.**

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.7	25.0	17.3	84.8	16.649	14.6	0.4	0.4	0.8	5.8
2	14.0	23.6	17.3	86.9	17.137	15.1	2.8	7.7	10.5	5.2
3	14.3	24.5	17.8	89.0	18.120	15.9	0.4	2.2	2.6	3.4
4	14.6	23.3	18.2	85.6	17.453	15.2	1.5	0.0	1.5	3.0
5	13.2	24.9	18.8	89.7	19.260	16.8	0.0	0.0	0.0	7.5
6	16.0	25.2	19.8	83.2	19.036	16.7	0.0	0.0	0.0	8.2
7	15.6	24.0	19.3	88.3	19.628	17.2	0.0	0.5	0.5	0.4
8	15.3	24.2	18.0	87.9	18.512	16.3	1.1	0.0	1.1	3.0
9	14.0	24.0	18.5	92.1	19.448	17.0	0.0	0.0	0.0	3.9
10	14.8	23.0	18.2	92.7	19.433	17.0	0.3	0.0	0.3	0.0
11	15.0	24.0	18.0	88.6	18.316	16.1	0.3	0.2	0.5	0.0
12	14.3	25.0	18.7	87.5	18.786	16.5	2.9	19.8	22.7	0.0
13	15.0	23.0	18.7	89.9	19.162	16.8	0.3	0.5	0.8	5.8
14	16.0	21.4	18.6	94.9	20.347	17.8	0.9	0.1	1.0	0.9
15	15.7	20.5	16.7	98.5	19.002	16.7	0.3	0.0	0.3	0.3
16	15.0	21.0	16.8	93.7	18.238	16.1	1.5	0.2	1.7	0.5
17	15.0	23.3	18.0	89.0	18.442	16.2	0.5	6.5	7.0	3.5
18	15.0	22.2	17.1	93.5	18.545	16.3	21.9	3.4	25.3	0.5
19	15.8	21.9	18.4	96.4	20.481	17.9	0.3	0.0	0.3	1.2
20	15.3	20.0	16.9	99.4	19.388	17.0	4.4	0.0	4.4	0.0
21	14.0	22.5	17.2	93.3	18.370	16.1	2.8	1.1	3.9	4.6
22	14.2	21.5	16.6	88.7	16.952	14.9	1.7	3.6	5.3	5.6
23	14.1	21.9	17.2	90.8	17.972	15.8	0.3	3.1	3.4	1.3
24	15.3	22.2	17.2	91.6	18.155	16.0	12.5	0.5	13.0	5.4
25	15.0	22.0	17.6	93.9	19.087	16.8	0.9	0.0	0.9	3.4
26	15.0	22.4	17.6	94.6	19.222	16.9	0.8	8.2	9.0	3.4
27	13.8	22.2	18.1	91.4	18.776	16.5	0.0	0.0	0.0	2.4
28	14.0	22.0	17.6	90.4	18.110	15.9	23.0	18.8	41.8	3.1
29	13.0	22.2	17.3	87.3	16.906	14.8	0.5	2.3	2.8	1.8
30	14.2	24.0	17.8	90.3	18.574	16.3	22.1	3.1	25.2	2.9
31	13.8	23.3	17.4	90.8	18.149	15.9	0.7	0.2	0.9	4.6
Prom.	14.6	22.9	17.8	90.8	18.570	16.3	105.1	82.4	187.5	91.6

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.1	23.0	17.3	85.7	16.757	14.7	0.3	4.5	4.8	1.6
2	14.0	23.6	18.0	84.1	17.090	15.0	0.0	26.9	26.9	9.2
3	13.7	20.5	15.9	96.6	17.729	15.6	0.0	0.0	0.0	0.4
4	12.8	24.9	17.4	84.2	16.407	14.3	6.6	0.0	6.6	8.1
5	12.8	24.0	17.5	83.5	16.400	14.3	0.0	0.0	0.0	2.6
6	13.5	24.0	19.0	83.6	17.905	15.6	0.0	0.0	0.0	4.1
7	15.3	23.0	18.1	91.3	19.255	16.9	20.2	2.2	22.4	3.7
8	14.0	25.0	18.5	86.6	18.175	16.0	1.4	0.0	1.4	6.4
9	14.2	23.0	18.9	90.3	19.593	17.1	0.0	1.7	1.7	2.2
10	15.5	22.4	19.2	94.4	21.004	18.3	0.5	0.0	0.5	4.3
11	16.4	23.5	18.6	84.7	18.244	16.0	0.0	0.0	0.0	3.5
12	14.2	22.0	17.9	94.6	19.749	17.3	0.0	0.0	0.0	2.1
13	14.2	24.9	19.2	85.3	18.706	16.4	0.0	0.0	0.0	3.0
14	14.6	22.0	18.0	98.5	20.300	17.7	4.2	14.2	18.4	0.3
15	14.4	23.9	18.9	83.7	18.071	15.9	0.4	3.6	4.0	3.8
16	16.1	24.0	18.9	92.2	20.411	17.8	0.0	0.0	0.0	3.6
17	15.6	23.6	18.6	93.2	20.102	17.6	1.2	2.7	3.9	3.0
18	15.0	22.0	17.4	91.8	18.308	16.1	0.4	3.3	3.7	0.4
19	14.0	23.0	17.3	87.3	16.976	14.9	5.3	0.0	5.3	0.5
20	13.2	22.4	17.3	94.4	18.819	16.5	2.4	3.0	5.4	1.4
21	14.3	23.9	18.2	87.8	18.375	16.2	26.8	0.0	26.8	2.2
22	14.8	24.0	17.8	93.5	19.345	17.0	2.4	3.4	5.8	5.5
23	15.1	20.0	17.1	97.1	18.966	16.7	3.9	1.6	5.5	0.0
24	13.0	23.8	18.3	88.6	18.395	16.1	0.0	0.0	0.0	2.5
25	13.4	24.9	19.1	67.5	13.974	11.9	0.0	0.0	0.0	5.6
26	11.8	24.5	18.1	80.2	15.940	13.8	0.0	1.0	1.0	5.1
27	13.5	24.0	17.6	87.3	17.811	15.7	11.0	20.0	31.0	5.9
28	14.3	24.0	17.9	84.9	17.219	15.1	0.0	0.0	0.0	3.4
29	14.0	25.0	19.3	76.6	16.444	14.3	0.0	0.0	0.0	9.7
30	15.0	24.9	19.0	86.1	18.745	16.4	5.1	0.0	5.1	8.1
Prom.	14.3	23.5	18.1	87.9	18.174	15.9	92.1	88.1	180.2	112.2

Estación **MANUEL MEJIA**
 Altitud **1.700** metros

Municipio **TAMBO**
 Latitud **2-24 N.**

Año **1.971**
 Longitud **76-48 W.**

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	21.0	16.8	92.7	17.694	15.5	5.4	18.2	23.6	2.3
2	15.0	23.0	18.2	94.7	20.240	17.7	15.1	0.0	15.1	0.2
3	15.0	24.0	17.6	84.3	16.847	14.7	4.4	0.1	4.5	5.1
4	14.8	22.5	18.2	91.8	19.168	16.8	4.1	0.0	4.1	2.4
5	15.8	25.0	18.3	90.7	19.306	16.9	25.4	17.8	43.2	3.7
6	14.8	22.0	17.7	88.2	17.545	15.3	1.3	0.8	2.1	0.4
7	15.9	24.9	19.5	85.1	18.844	16.5	0.9	3.1	4.0	6.3
8	14.7	23.8	18.0	86.7	17.600	15.4	0.7	0.5	1.2	2.3
9	12.8	24.0	17.9	88.0	17.939	15.8	0.0	0.0	0.0	6.3
10	15.8	23.0	18.7	84.3	17.910	15.6	0.0	0.0	0.0	3.8
11	15.5	23.6	18.7	98.4	21.613	18.7	5.2	0.0	5.2	3.6
12	15.8	23.9	18.5	89.4	18.984	16.7	0.1	0.0	0.1	3.5
13	15.4	23.0	18.8	97.4	21.060	18.3	7.3	0.0	7.3	3.9
14	15.8	21.0	17.6	95.0	19.456	17.1	15.5	2.1	17.6	0.0
15	14.7	23.9	18.3	91.8	19.221	16.8	0.8	12.8	13.6	1.3
16	14.6	21.4	17.2	95.5	18.805	16.5	1.7	4.0	5.7	0.3
17	14.0	22.0	17.1	93.1	18.562	16.3	0.1	2.7	2.8	5.5
18	14.3	24.4	18.8	88.7	19.220	16.9	1.7	0.1	1.8	5.5
19	15.0	22.2	18.4	97.0	20.810	18.1	0.3	0.0	0.3	1.3
20	16.0	23.5	18.6	91.8	19.645	17.2	0.4	0.1	0.5	1.9
21	15.7	23.0	18.6	91.2	19.620	17.2	1.8	0.0	1.8	3.0
22	14.6	24.0	17.4	92.1	18.423	16.2	11.6	4.1	15.7	3.7
23	15.8	24.0	17.6	91.7	18.649	16.4	8.7	0.9	9.6	1.4
24	13.6	24.0	17.1	89.9	17.533	15.4	0.0	0.0	0.0	4.9
25	15.2	21.4	18.3	97.9	18.240	16.1	11.3	1.1	12.4	2.4
26	13.0	24.5	17.7	90.5	18.225	16.0	5.0	0.0	5.0	3.2
27	14.3	25.5	18.6	94.0	20.248	17.7	7.2	0.0	7.2	5.3
28	16.0	24.0	19.2	90.1	19.966	17.5	0.6	0.1	0.7	5.0
29	14.2	25.0	18.3	88.9	18.759	16.5	0.9	0.0	0.9	6.3
30	15.6	23.0	18.3	86.7	18.197	16.0	0.0	1.3	1.3	2.5
31	14.2	23.0	17.9	80.7	16.258	14.3	0.0	0.0	0.0	3.0
Prom.	15.0	23.3	18.1	90.9	18.858	16.5	137.5	69.8	207.3	100.3

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.0	25.0	18.3	86.8	18.036	15.8	0.0	0.5	0.5	3.0
2	15.3	25.0	19.0	86.3	18.892	16.6	0.1	0.0	0.1	3.8
3	15.6	24.0	19.9	74.4	17.003	14.9	0.0	0.0	0.0	3.5
4	15.1	24.0	18.7	86.7	18.574	16.3	0.0	2.0	2.0	3.9
5	16.5	24.0	18.6	89.9	19.422	17.0	2.9	0.0	2.9	0.0
6	14.8	24.0	18.0	95.0	20.111	17.5	12.5	0.0	12.5	2.1
7	14.9	22.0	17.6	94.4	19.005	16.7	1.1	0.0	1.1	0.4
8	15.0	24.0	17.7	91.6	18.794	16.5	0.0	0.0	0.0	2.7
9	13.0	23.0	17.5	87.3	17.177	15.1	0.0	1.8	1.9	2.6
10	15.0	23.3	18.4	89.6	18.806	16.5	0.2	0.0	0.2	7.2
11	15.0	24.0	17.9	88.1	18.045	15.9	0.0	1.1	1.1	0.3
12	14.5	23.3	16.7	93.9	18.610	16.3	4.8	0.2	5.0	4.1
13	12.2	24.0	17.1	87.7	17.852	15.7	0.4	0.1	0.5	0.0
14	15.0	23.3	17.3	90.3	18.365	16.1	2.0	0.5	2.5	5.1
15	14.0	22.0	16.8	94.6	18.342	16.1	0.1	0.0	0.1	2.1
16	15.6	22.6	16.4	90.0	18.876	16.6	6.5	0.0	6.5	3.5
17	16.0	24.5	18.7	85.8	18.417	16.2	0.0	0.0	0.0	9.6
18	14.9	23.0	18.6	89.0	18.993	16.7	1.8	0.0	1.8	1.8
19	14.5	24.0	17.2	91.8	18.060	15.9	2.8	8.8	11.6	0.0
20	16.0	24.5	18.9	87.4	18.841	16.5	0.0	0.0	0.0	3.6
21	16.0	23.3	18.1	92.7	19.324	17.0	1.9	0.0	1.9	1.3
22	15.8	21.0	17.0	99.4	19.263	16.9	2.2	0.0	2.2	2.6
23	15.5	25.0	18.9	83.3	17.786	15.5	0.0	0.0	0.0	9.5
24	14.0	23.3	18.0	76.3	15.097	12.9	0.0	0.0	0.0	5.4
25	12.0	22.6	17.1	81.7	15.660	13.6	0.0	0.0	0.0	5.1
26	13.0	22.4	18.1	87.6	17.880	15.7	0.0	0.0	0.0	2.7
27	14.3	23.6	18.5	84.9	17.758	15.5	0.7	4.2	4.9	4.7
28	14.3	21.0	17.1	96.6	18.918	16.6	1.6	0.0	1.6	1.0
29	13.0	22.2	17.8	84.6	16.961	14.8	0.0	0.0	0.0	3.7
30	13.3	23.3	18.3	85.2	17.712	15.5	0.4	0.0	0.4	2.6
Prom.	14.6	23.4	17.9	88.8	18.219	16.0	42.1	19.2	61.3	97.9

Estación **MANUEL MEJIA**Municipio **TAMBO**Año **1.971**Altitud **1.700** metrosLatitud **2-24 N.**Longitud **75-48 W.****M E S - JULIO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.4	22.0	18.0	93.5	19.224	16.9	0.0	0.0	0.0	1.4
2	14.6	23.3	18.2	90.1	19.029	16.7	0.0	0.2	0.2	4.0
3	15.0	24.0	18.2	89.0	18.495	16.3	0.5	0.4	0.9	4.6
4	13.8	21.0	17.9	93.7	19.090	16.8	7.8	0.2	8.0	1.4
5	13.3	24.0	17.3	87.1	17.033	15.0	0.0	0.0	0.0	4.5
6	15.6	22.0	18.1	91.8	19.249	16.9	19.5	0.0	19.5	2.3
7	15.3	22.0	18.3	94.9	20.025	17.5	0.0	0.5	0.5	1.3
8	13.3	25.3	19.9	66.8	14.449	12.3	0.0	0.0	0.0	3.6
9	15.3	25.3	20.0	65.1	14.571	12.4	0.0	0.0	0.0	4.8
10	16.0	25.0	19.4	63.9	14.188	11.9	0.0	0.0	0.0	2.3
11	14.0	25.0	19.1	78.9	16.816	14.7	0.0	0.0	0.0	6.4
12	14.0	22.4	17.6	90.1	18.113	15.9	9.5	0.0	9.5	4.5
13	14.0	24.0	18.5	88.9	18.891	16.6	1.2	0.2	1.4	4.8
14	14.1	25.0	18.2	88.5	18.597	16.3	1.5	0.0	1.5	3.0
15	11.0	24.0	17.4	59.2	10.982	7.9	0.0	0.0	0.0	10.7
16	10.0	24.0	17.8	60.3	11.384	8.8	0.0	0.0	0.0	10.4
17	12.0	23.3	17.6	64.9	12.880	10.6	0.0	0.0	0.0	8.4
18	9.9	25.5	17.9	67.4	13.668	11.2	0.0	0.0	0.0	9.3
19	12.0	26.5	20.0	56.3	12.074	9.4	0.0	0.0	0.0	9.9
20	12.6	27.0	20.3	55.0	12.782	10.6	0.0	0.0	0.0	9.4
21	14.6	25.3	19.8	68.5	15.675	13.7	0.0	0.0	0.0	5.9
22	13.6	25.0	19.7	65.7	14.434	12.2	0.0	0.0	0.0	6.3
23	13.8	24.0	19.1	63.6	13.408	11.0	0.0	0.0	0.0	4.8
24	14.3	23.3	18.8	63.7	13.836	11.7	0.0	0.0	0.0	5.0
25	10.0	26.0	18.0	75.4	14.882	12.9	0.0	0.0	0.0	8.0
26	13.7	25.0	17.5	85.2	17.026	15.0	1.0	1.0	2.0	3.6
27	14.0	20.3	17.0	93.3	17.950	15.8	0.0	0.0	0.0	0.6
28	12.2	23.5	17.1	81.0	15.330	13.2	0.0	0.0	0.0	4.1
29	10.6	23.0	17.4	81.2	15.413	13.3	0.0	0.0	0.0	5.0
30	14.3	23.0	18.3	87.3	18.021	15.8	0.0	0.0	0.0	2.4
31	14.0	22.4	19.2	70.7	15.065	12.6	0.0	0.0	0.0	2.5
Prom.	13.4	23.9	18.4	76.8	15.890	13.6	41.0	2.5	43.5	160.7

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.3	24.0	18.8	62.1	13.380	11.0	0.0	0.0	0.0	3.5
2	12.8	23.5	17.5	81.3	16.406	14.3	1.5	0.0	1.5	2.5
3	14.0	21.6	17.1	80.2	15.526	13.5	2.1	0.0	2.1	2.3
4	14.6	21.0	17.0	92.0	17.935	15.7	12.9	0.8	13.7	1.4
5	14.1	22.5	17.1	85.4	16.761	14.7	0.7	0.1	0.8	2.9
6	12.3	22.0	16.6	86.2	16.203	14.2	2.9	0.0	2.9	2.1
7	13.3	22.0	16.9	87.8	16.881	14.8	3.6	0.2	3.8	3.5
8	13.5	22.2	16.7	79.7	15.034	13.1	0.3	0.1	0.4	2.0
9	11.0	22.2	15.7	93.4	16.495	14.4	0.0	0.0	0.0	6.6
10	13.0	22.2	17.5	75.0	14.947	12.9	0.0	0.0	0.0	4.1
11	11.0	23.5	17.6	77.5	15.227	13.2	0.0	0.0	0.0	3.9
12	14.0	22.5	16.7	81.0	15.455	13.5	0.0	0.0	0.0	2.6
13	12.4	23.6	16.7	82.0	15.219	13.0	0.6	1.5	2.1	7.2
14	12.8	20.5	16.7	88.0	16.954	14.9	0.0	0.0	0.0	0.0
15	12.8	22.2	16.6	83.0	15.623	13.6	0.0	0.0	0.0	1.2
16	13.5	22.5	17.4	76.2	14.760	12.7	0.0	0.0	0.0	3.7
17	13.8	22.0	17.4	86.2	17.143	15.1	1.2	0.0	1.2	3.4
18	14.3	22.0	17.3	84.0	16.811	14.7	1.6	0.5	2.1	3.5
19	14.3	23.5	17.8	89.4	18.113	15.9	12.5	0.0	12.5	1.8
20	14.7	23.3	17.3	82.8	16.570	14.6	2.9	0.0	2.9	2.9
21	13.5	23.0	18.6	80.4	16.953	14.9	0.0	0.0	0.0	3.3
22	12.4	24.0	18.6	78.7	16.342	14.1	0.0	0.0	0.0	4.4
23	14.5	25.0	18.1	84.8	17.758	15.6	14.7	1.0	15.7	4.3
24	14.5	22.4	17.3	84.3	16.985	14.9	1.1	1.1	2.2	0.8
25	12.7	23.0	17.6	76.9	15.247	13.3	0.0	0.0	0.0	4.3
26	15.0	20.0	17.0	95.5	18.584	16.3	12.0	0.5	12.5	0.0
27	12.8	22.2	17.7	75.1	14.931	12.9	0.0	0.0	0.0	2.7
28	14.4	24.8	18.3	59.2	11.740	8.9	0.0	0.0	0.0	7.3
29	13.6	23.8	17.5	66.7	13.552	11.4	0.0	0.0	0.0	3.3
30	12.6	24.0	18.3	63.9	13.037	10.8	0.0	0.0	0.0	2.6
31	11.0	25.0	18.2	68.3	13.900	11.8	0.0	0.0	0.0	5.5
Prom.	13.3	22.8	17.4	80.2	15.822	13.7	70.6	5.8	76.4	99.2

Estación **MANUEL MEJIA**
 Altitud **1.700** metros

Municipio **TAMBO**
 Latitud **2-24 N.**

Año **1.971**
 Longitud **75-48 W.**

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.8	24.2	18.6	76.4	16.105	14.1	0.0	0.0	0.0	2.3
2	14.5	25.0	19.2	62.3	13.407	11.1	0.0	0.0	0.0	0.0
3	13.8	24.0	17.6	78.0	15.683	13.6	0.0	0.0	0.0	1.1
4	14.8	21.0	16.3	89.6	16.955	14.9	4.2	0.0	4.2	0.0
5	14.0	25.0	17.3	81.6	16.373	14.3	0.5	0.0	0.5	3.7
6	15.1	24.0	17.7	78.6	15.969	14.0	10.0	1.0	11.0	3.6
7	13.0	22.0	16.5	91.8	17.618	15.5	1.0	43.4	44.4	0.0
8	14.0	23.3	17.0	87.7	17.227	15.1	5.0	7.5	12.5	0.8
9	12.8	27.7	17.0	77.2	14.736	12.7	0.0	0.0	0.0	1.3
10	11.6	22.0	15.7	86.0	15.251	13.2	5.5	0.0	5.5	2.4
11	10.0	25.0	16.2	76.6	13.923	11.9	2.4	0.0	2.4	7.6
12	12.0	22.4	16.9	86.5	16.809	14.8	0.0	11.0	11.0	1.8
13	14.6	23.0	17.6	77.3	15.586	13.6	0.0	0.0	0.0	5.7
14	9.6	24.0	17.3	76.1	14.368	12.2	0.0	0.0	0.0	3.7
15	13.0	24.0	17.4	77.9	15.347	13.3	15.6	0.0	15.6	2.9
16	14.0	21.4	17.7	91.6	18.666	16.4	0.3	1.5	1.8	0.4
17	13.6	27.0	16.6	91.3	17.541	15.4	1.2	0.0	1.2	0.0
18	13.6	23.0	18.3	75.9	15.516	13.5	0.0	0.0	0.0	3.3
19	10.6	24.4	18.3	80.7	16.574	14.4	0.0	19.0	19.0	3.6
20	15.0	22.0	17.7	84.7	17.624	15.5	1.1	3.5	4.6	0.2
21	15.0	21.4	17.8	86.6	17.867	15.7	0.0	0.0	0.0	1.3
22	13.0	26.0	18.1	78.2	15.972	14.0	0.0	0.0	0.0	5.0
23	14.0	23.0	18.8	83.6	17.869	15.7	0.0	0.0	0.0	1.8
24	14.7	24.0	18.1	78.1	16.364	14.4	0.0	0.0	0.0	1.8
25	13.0	22.2	18.1	84.9	17.776	15.7	0.8	0.0	0.8	0.1
26	15.0	23.3	18.7	79.4	16.956	14.9	0.0	0.0	0.0	3.3
27	14.3	24.0	19.3	73.1	16.215	14.1	0.0	0.0	0.0	2.9
28	14.6	23.0	18.6	82.1	17.688	15.6	0.0	0.0	0.0	2.0
29	14.1	23.0	17.7	81.6	16.841	14.8	0.6	1.9	2.5	2.4
30	14.7	22.3	17.6	90.5	18.376	16.1	0.0	0.0	0.0	0.1
Prom.	13.5	23.6	17.7	81.5	16.440	14.4	48.2	88.8	137.0	65.1

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.6	23.5	17.9	77.3	15.668	13.6	37.9	0.4	38.3	0.0
2	14.5	22.6	17.6	80.7	16.254	14.3	3.5	3.7	7.2	3.3
3	14.2	23.2	16.9	85.5	16.582	14.6	29.2	0.4	29.6	0.2
4	14.5	21.2	16.8	89.9	17.194	15.1	2.2	0.0	2.2	0.4
5	14.5	21.4	16.7	92.4	17.809	15.6	2.7	0.4	3.1	1.2
6	14.0	23.9	18.1	77.5	16.037	14.0	0.0	0.3	0.3	3.6
7	14.0	22.5	16.2	89.6	16.938	14.8	16.8	0.0	16.8	3.2
8	10.5	25.9	17.6	73.0	14.411	12.4	15.2	0.0	15.2	6.7
9	14.9	24.4	18.8	77.9	16.927	14.9	0.0	0.0	0.0	3.0
10	14.9	25.0	18.5	78.9	16.839	14.8	12.1	6.0	18.1	1.5
11	14.5	23.0	17.0	85.7	16.973	14.9	14.1	1.5	15.6	2.4
12	13.9	22.2	17.7	85.4	17.084	15.0	1.4	0.0	1.4	3.1
13	13.5	23.6	17.8	70.6	14.191	12.1	0.0	0.0	0.0	4.0
14	12.2	24.2	18.5	76.9	15.800	13.6	0.0	0.0	0.0	4.2
15	13.5	24.2	18.5	75.5	15.961	13.9	0.1	0.0	0.1	5.8
16	13.5	22.0	17.7	77.5	15.861	13.8	1.2	0.0	1.2	1.6
17	14.0	21.0	17.3	76.7	15.173	13.1	1.2	0.8	2.0	0.9
18	13.9	21.5	16.6	85.2	16.232	14.2	0.0	0.0	0.0	0.4
19	13.5	23.6	17.5	83.2	16.667	14.6	8.1	0.0	8.1	3.0
20	13.5	22.8	17.3	80.9	16.238	14.2	19.7	0.1	19.8	3.2
21	12.5	22.6	16.9	91.6	18.032	15.9	0.5	0.0	0.5	2.7
22	13.5	22.5	17.1	81.4	16.179	14.2	0.0	0.0	0.0	3.6
23	12.0	23.5	17.1	73.3	14.458	12.4	0.0	0.0	0.0	4.6
24	13.5	23.0	17.4	74.5	14.550	12.5	0.0	0.0	0.0	3.7
25	12.5	21.0	15.4	92.1	16.602	14.5	6.2	0.0	6.2	0.0
26	11.0	24.0	17.2	70.3	13.594	11.5	9.4	18.5	27.9	6.9
27	14.0	23.3	17.7	83.0	17.246	15.1	2.5	0.0	2.5	1.7
28	12.9	23.6	17.7	80.9	16.460	14.4	1.7	0.3	2.0	2.9
29	15.5	22.8	17.5	78.5	16.302	14.1	2.7	0.2	2.9	1.3
30	14.6	22.0	17.6	81.3	16.974	14.9	9.7	0.0	9.7	1.6
31	14.7	20.0	16.7	93.7	18.005	15.8	7.3	0.7	8.0	0.2
Prom.	13.6	22.9	17.4	81.3	16.234	14.2	206.4	62.4	268.8	80.9

Estación MANUEL MEJIA
Altitud 1.700 metros

Municipio TAMBO
Latitud 2-24 N.

Año 1.971
Longitud 76-48 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.9	23.0	18.1	78.9	16.617	14.6	0.1	7.1	7.2	4.9
2	14.9	21.2	16.7	95.4	18.379	16.2	1.6	7.3	8.9	0.0
3	14.5	22.3	17.3	85.7	17.346	15.2	21.8	0.2	22.0	1.0
4	13.2	23.2	17.2	82.0	16.046	14.1	2.7	3.5	6.2	5.3
5	14.5	24.0	18.3	80.3	17.157	15.1	0.1	0.7	0.8	5.2
6	14.9	22.3	18.3	86.1	18.146	16.0	2.0	0.5	2.5	2.4
7	14.2	20.8	16.9	91.9	18.274	16.1	5.8	0.0	5.8	1.1
8	14.6	22.3	18.7	83.2	18.173	16.0	0.3	13.4	13.7	4.6
9	13.6	23.0	17.9	82.8	16.925	14.8	4.0	0.0	4.0	1.0
10	14.3	24.0	18.5	78.5	16.766	14.7	3.5	0.0	3.5	7.5
11	14.9	22.8	18.0	83.2	17.297	15.2	8.1	0.0	8.1	5.6
12	15.0	24.0	18.3	83.8	17.676	15.6	12.1	0.0	12.1	4.7
13	15.0	24.0	18.9	80.4	17.553	15.4	14.0	0.0	14.0	5.0
14	15.0	23.0	17.5	78.7	15.687	13.6	2.4	14.6	17.0	0.7
15	12.5	23.0	16.5	86.7	16.448	14.4	6.0	0.0	6.0	5.0
16	12.5	24.0	18.8	84.2	18.394	16.1	10.0	0.5	10.5	4.7
17	14.5	23.3	17.6	89.6	18.255	16.1	2.4	28.3	30.7	3.0
18	14.0	20.4	17.2	89.3	17.416	15.3	0.1	6.6	6.7	0.0
19	15.0	21.3	16.1	90.7	16.963	14.9	0.0	0.0	0.0	1.3
20	13.9	22.0	16.4	86.2	16.267	14.3	3.3	1.2	4.5	1.0
21	12.7	21.4	16.6	86.5	16.289	14.3	0.9	0.3	1.2	1.9
22	13.5	21.6	16.8	87.6	16.831	14.8	7.8	0.0	7.8	2.8
23	14.0	23.0	17.0	86.9	16.977	14.9	8.5	0.0	8.5	3.2
24	11.5	22.0	16.3	86.8	16.022	14.0	16.3	5.9	22.2	1.9
25	13.5	22.4	17.1	86.7	16.842	14.8	3.2	2.3	5.5	4.8
26	13.5	22.4	16.7	84.1	16.015	14.0	0.8	0.0	0.8	2.5
27	13.5	22.4	17.5	82.9	16.518	14.5	2.5	0.0	2.5	4.2
28	14.2	21.6	16.3	90.8	17.231	15.2	16.5	0.0	16.5	1.2
29	13.6	22.0	16.8	90.8	17.594	15.5	10.4	0.0	10.4	0.8
30	14.0	23.0	18.3	81.1	17.325	15.2	8.4	0.0	8.4	2.5
Prom.	14.0	22.5	17.4	85.4	17.114	15.0	175.6	92.4	268.0	89.8

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	22.4	18.3	87.5	18.735	16.4	9.6	0.0	9.6	1.8
2	15.0	24.0	18.0	82.4	17.027	15.0	9.5	0.0	9.5	4.3
3	14.5	24.0	18.1	82.5	17.391	15.3	2.3	0.0	2.3	3.1
4	14.9	23.0	17.3	85.7	17.063	15.0	8.2	0.0	8.2	2.7
5	13.6	22.2	17.7	82.2	16.508	14.5	0.6	0.0	0.6	2.7
6	14.6	21.0	17.7	90.6	18.587	16.2	0.0	0.0	0.0	3.6
7	13.6	22.4	17.9	85.3	17.484	15.4	1.1	0.0	1.1	5.4
8	13.5	24.0	19.0	73.5	15.948	13.9	0.0	0.0	0.0	7.3
9	15.0	24.0	19.1	78.6	17.123	15.0	0.0	0.0	0.0	5.9
10	13.8	24.9	18.1	76.0	15.629	13.5	1.5	0.0	1.5	8.1
11	14.0	24.4	18.2	75.1	15.398	13.4	2.1	0.0	2.1	7.1
12	15.0	24.2	19.8	63.7	14.463	12.4	0.0	0.0	0.0	4.0
13	14.0	23.2	18.6	68.4	14.526	12.4	0.0	0.0	0.0	6.4
14	13.0	25.0	18.9	80.0	17.019	14.9	0.0	0.0	0.0	9.0
15	15.0	24.5	19.6	77.6	17.152	14.8	0.0	0.0	0.0	6.3
16	14.5	25.5	19.3	73.2	15.893	13.7	0.0	0.0	0.0	9.7
17	15.0	24.0	17.9	72.3	14.968	12.9	0.8	4.0	4.8	5.4
18	14.3	22.6	16.8	77.4	14.917	12.9	33.0	4.4	37.4	2.3
19	12.9	23.3	18.7	66.2	13.522	11.3	0.0	0.0	0.0	9.6
20	14.4	23.0	17.1	78.5	15.511	13.4	1.5	0.4	1.9	4.8
21	14.0	22.2	17.8	80.0	16.175	14.2	0.2	25.1	25.3	3.3
22	14.5	21.0	16.4	83.8	15.909	13.9	21.3	9.4	30.7	3.3
23	14.0	21.1	16.4	87.5	16.571	14.6	16.0	0.0	16.0	3.9
24	13.8	22.0	16.8	83.8	16.133	14.1	0.3	4.2	4.5	4.6
25	14.7	20.0	16.1	90.0	16.543	14.5	2.4	1.1	3.5	0.9
26	13.3	23.0	18.1	84.0	17.383	15.3	0.1	5.1	5.2	6.3
27	15.3	20.4	17.2	87.2	17.204	15.1	2.2	4.9	7.1	1.8
28	13.6	22.0	17.6	84.9	16.870	14.8	0.0	0.0	0.0	3.1
29	13.1	23.3	16.7	81.5	15.546	13.6	4.8	13.5	18.3	6.0
30	13.6	21.0	17.3	84.9	16.578	14.5	0.3	0.1	0.4	2.6
31	13.0	23.0	18.5	81.9	17.078	15.0	2.2	1.5	3.7	7.2
Prom.	14.1	22.9	17.9	80.2	16.350	14.3	120.0	73.7	193.7	152.5

Estación **MANUEL MEJIA**
 Altitud **1.700** Metros

Municipio **TAMBO**
 Latitud **2-24 N.**

Año **1.971**
 Longitud **76-48 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	15.0	23.3	18.1	13.4	26.3	90.2	18.743	16.4	285.1	25	119.0
FEBRERO	14.3	22.8	17.6	12.0	25.0	88.6	17.803	15.6	208.5	19	95.3
MARZO	14.6	22.9	17.8	13.0	25.2	90.8	18.570	16.3	187.5	27	91.6
ABRIL	14.3	23.5	18.1	11.8	25.0	87.9	18.174	15.9	180.2	19	112.2
MAYO	15.0	23.3	18.1	12.8	25.5	90.9	18.858	16.5	207.3	27	100.3
JUNIO	14.6	23.4	17.9	12.0	25.0	88.8	18.219	16.0	61.3	21	97.9
JULIO	13.4	23.9	18.4	9.9	27.0	76.8	15.890	13.6	43.5	9	160.7
AGOSTO	13.3	22.8	17.4	11.0	25.0	80.2	15.822	13.7	76.4	15	99.2
SEPTIEMBRE	13.5	23.6	17.7	9.6	27.7	81.5	16.440	14.4	137.0	15	65.1
OCTUBRE	13.6	22.9	17.4	10.5	25.9	81.3	16.234	14.2	268.8	25	80.9
NOVIEMBRE	14.0	22.5	17.4	11.5	24.0	85.4	17.114	15.0	268.0	29	89.8
DICIEMBRE	14.1	22.9	17.9	12.9	25.5	80.2	16.350	14.3	193.7	21	152.5
PROMEDIO	14.1	23.2	17.8	11.7	25.6	1.9	17.351	15.2			
TOTAL									2117.3	252	1264.5

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Estación PUEBLO BELLO
Altitud 1.000 metros

Municipio PUEBLO BELLO
Latitud 10-22 N.

Año 1.971
Longitud 73-38 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.2	29.0	20.4	77.7	18.341	16.1	0.0	0.0	0.0	3.3
2	14.5	26.0	18.8	85.3	19.061	16.7	15.6	1.6	17.2	1.6
3	16.8	27.5	19.4	85.5	19.455	17.0	0.0	0.0	0.0	1.6
4	15.5	25.0	17.8	88.6	18.535	16.3	0.0	0.0	0.0	8.6
5	15.0	25.5	20.3	86.4	20.166	17.6	0.0	0.0	0.0	8.5
6	13.5	27.0	20.4	79.4	18.561	16.2	0.0	0.0	0.0	9.9
7	12.5	26.0	18.8	78.5	17.052	15.0	0.0	0.0	0.0	9.5
8	11.0	26.2	20.4	77.4	17.756	15.5	0.0	0.0	0.0	9.8
9	13.0	26.5	20.2	81.9	18.724	16.4	0.0	0.0	0.0	8.5
10	14.0	26.5	20.4	83.2	19.732	17.2	0.0	0.0	0.0	9.3
11	13.5	26.3	20.3	81.8	19.247	16.8	0.0	0.0	0.0	9.5
12	13.0	27.5	20.1	80.3	18.654	16.2	0.3	0.0	0.3	9.3
13	13.4	27.3	20.6	80.7	19.028	16.6	0.0	0.0	0.0	9.3
14	12.0	28.0	20.9	79.1	18.881	16.5	0.0	0.0	0.0	9.6
15	10.5	29.0	20.0	76.3	17.158	14.8	0.0	0.0	0.0	9.7
16	12.6	28.0	20.7	82.2	19.702	17.0	0.0	0.0	0.0	8.6
17	14.0	24.0	18.5	89.6	19.155	16.8	0.0	0.0	0.0	2.3
18	14.1	24.0	19.5	86.5	19.390	17.0	0.5	0.0	0.5	4.7
19	13.6	28.0	19.8	88.1	20.415	17.6	2.8	7.8	10.6	4.9
20	17.0	23.7	19.3	85.8	19.173	16.8	2.0	0.7	2.7	0.6
21	15.0	27.0	20.7	75.0	17.545	15.3	0.0	0.0	0.0	8.8
22	10.6	26.4	18.9	79.3	16.859	14.8	0.0	0.0	0.0	9.4
23	10.5	26.5	19.8	80.6	17.948	15.6	0.0	0.0	0.0	9.7
24	10.9	26.7	19.2	77.5	16.569	14.5	0.0	0.0	0.0	9.7
25	10.8	27.0	19.6	79.1	17.606	15.4	0.0	0.0	0.0	9.2
26	10.4	27.5	19.5	70.8	15.016	13.0	0.0	0.0	0.0	9.2
27	10.8	27.9	19.7	70.1	15.114	13.1	0.0	0.0	0.0	9.8
28	11.7	27.9	20.0	70.4	15.639	13.6	0.0	0.0	0.0	10.2
29	12.5	29.9	20.8	73.3	17.221	15.1	0.0	0.0	0.0	10.6
30	13.3	28.9	20.9	76.6	18.379	16.1	0.0	0.0	0.0	10.6
31	13.3	29.0	21.1	74.7	17.930	15.7	0.0	0.0	0.0	10.1
Prom.	13.1	27.0	19.9	80.1	18.194	15.9	21.2	10.1	31.3	246.4

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.0	27.5	19.8	75.5	17.120	15.0	0.0	0.0	0.0	9.1
2	10.9	28.0	19.7	70.7	15.554	13.6	0.0	0.0	0.0	9.5
3	11.2	27.5	19.1	72.0	15.138	13.2	0.0	0.0	0.0	9.6
4	12.0	27.3	20.0	77.5	17.542	15.4	0.0	0.0	0.0	7.5
5	13.1	26.3	20.1	76.9	17.412	15.3	0.0	0.0	0.0	7.5
6	11.0	27.0	20.5	72.3	16.256	14.2	0.0	0.0	0.0	9.5
7	10.0	27.3	19.0	70.7	15.107	13.1	0.0	0.0	0.0	7.8
8	13.8	27.2	19.9	68.7	15.209	13.2	0.0	0.0	0.0	9.1
9	13.2	26.5	19.6	69.8	15.075	13.1	0.0	0.0	0.0	8.5
10	12.1	27.0	19.1	71.9	15.197	13.2	0.0	0.0	0.0	10.2
11	10.6	26.0	18.5	64.8	12.854	10.7	0.0	0.0	0.0	9.2
12	10.4	28.0	19.8	71.4	15.585	13.6	0.0	0.0	0.0	9.6
13	12.2	28.4	21.1	72.4	17.119	15.0	0.5	0.0	0.5	9.5
14	14.4	28.0	19.6	83.3	19.029	16.7	0.3	0.0	0.3	8.9
15	13.6	27.2	19.9	80.5	18.404	16.1	0.0	0.0	0.0	9.5
16	13.6	27.5	20.8	80.4	19.218	16.8	0.0	0.0	0.0	8.4
17	16.2	26.9	20.5	69.4	16.262	14.2	0.0	0.0	0.0	10.4
18	16.0	28.0	20.8	68.9	16.802	14.5	0.0	0.0	0.0	8.9
19	14.6	28.0	20.4	79.8	18.540	16.3	0.0	0.0	0.0	8.6
20	14.5	27.4	21.7	79.0	19.869	17.3	0.0	0.0	0.0	8.4
21	18.1	28.0	21.7	77.1	19.908	17.4	0.3	0.2	0.5	4.8
22	16.2	27.2	21.1	86.1	21.474	18.6	3.6	0.0	3.6	6.8
23	17.4	28.5	20.8	85.9	21.350	18.5	6.8	0.0	6.8	6.5
24	14.0	27.2	21.0	80.5	19.655	17.2	0.0	0.0	0.0	8.5
25	14.6	29.7	21.7	74.9	18.773	16.5	0.0	0.0	0.0	8.9
26	15.0	28.4	22.1	77.5	20.190	17.6	2.0	0.0	2.0	4.9
27	15.6	27.6	20.3	89.4	21.807	18.8	0.0	0.0	0.0	9.9
28	12.2	28.4	20.3	77.0	17.629	15.5	0.0	0.0	0.0	10.1
Prom.	13.6	27.6	20.3	75.9	17.646	15.4	13.5	0.2	13.7	240.1

Estación **PUEBLO BELLO**
 Altitud **1.000** metros

Municipio **PUEBLO BELLO**
 Latitud **10-22 N.**

Año **1.971**
 Longitud **73-38 W.**

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	13.3	28.6	20.2	73.1	16.355	14.3	0.0	0.0	0.0	7.5
2	13.0	30.0	20.3	70.5	16.246	14.2	0.0	0.0	0.0	8.7
3	14.0	29.0	21.3	78.6	19.390	17.0	0.0	0.0	0.0	8.0
4	19.0	28.0	20.9	84.7	21.057	18.3	5.3	0.0	5.3	6.1
5	14.0	27.7	20.6	70.6	16.189	14.1	0.0	0.0	0.0	9.9
6	12.0	29.0	20.4	71.9	16.184	14.1	0.0	0.0	0.0	9.5
7	13.0	29.0	20.8	76.6	18.348	16.2	0.0	0.0	0.0	8.5
8	14.0	29.0	20.8	79.5	19.327	16.9	0.0	0.0	0.0	6.4
9	14.6	29.4	20.7	72.4	16.892	14.5	4.9	0.0	4.9	7.0
10	14.6	29.5	21.6	77.1	19.220	16.9	0.0	0.0	0.0	7.9
11	14.0	28.4	20.5	78.0	18.834	16.6	0.0	0.0	0.0	8.0
12	13.0	28.6	20.6	75.4	17.617	15.5	0.0	0.0	0.0	10.4
13	11.0	27.6	19.5	76.4	16.515	14.5	0.0	0.0	0.0	8.7
14	14.0	29.0	21.0	85.2	20.611	17.9	0.2	10.6	10.8	8.2
15	17.4	24.8	20.8	84.1	20.418	17.9	0.0	0.0	0.0	3.1
16	15.0	27.2	20.9	80.5	19.282	16.9	0.0	0.0	0.0	7.7
17	16.4	23.4	19.4	88.8	20.102	17.6	0.6	0.0	0.6	2.3
18	12.4	27.5	19.6	71.6	15.629	13.5	0.0	0.0	0.0	8.9
19	12.0	27.4	19.6	74.0	16.231	14.2	0.0	0.0	0.0	9.6
20	13.0	25.0	20.1	82.4	19.142	16.8	0.0	0.0	0.0	4.7
21	16.3	24.4	19.7	86.5	20.106	17.6	0.0	0.0	0.0	2.6
22	13.6	26.6	20.3	80.4	18.753	16.5	0.0	0.0	0.0	5.3
23	14.8	26.5	20.0	81.1	18.927	16.6	0.0	0.0	0.0	4.7
24	14.0	27.4	20.6	79.4	18.922	16.6	0.0	0.0	0.0	6.4
25	14.6	27.1	20.4	75.5	17.794	15.7	0.0	0.0	0.0	7.2
26	13.5	26.4	21.8	75.6	18.928	16.6	0.0	0.0	0.0	6.6
27	18.0	27.0	22.2	82.2	21.977	19.0	0.0	1.1	1.1	5.6
28	18.0	25.0	20.0	79.2	18.597	16.3	0.0	0.0	0.0	0.9
29	13.6	25.6	19.6	77.9	17.671	15.5	0.0	0.0	0.0	6.9
30	15.0	26.0	19.6	84.6	19.309	16.9	36.0	3.1	39.1	6.5
31	16.4	23.0	19.0	90.7	20.011	17.5	6.8	0.0	6.8	3.9
Prom.	14.5	27.2	20.4	78.9	18.535	16.2	53.8	14.8	68.6	207.7

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	16.2	23.5	18.2	87.1	18.228	15.9	0.0	0.0	0.0	3.7
2	14.7	24.8	19.3	79.3	17.315	15.2	0.0	0.0	0.0	6.0
3	15.0	26.0	20.2	80.2	18.522	16.2	5.2	0.0	5.2	6.0
4	10.2	25.6	20.4	76.3	18.002	15.8	0.0	0.0	0.0	10.2
5	12.0	27.4	20.8	67.9	15.809	13.8	0.0	0.0	0.0	7.8
6	14.0	28.1	19.9	84.8	19.484	17.0	16.0	0.0	16.0	5.7
7	13.8	26.1	20.1	83.3	19.177	16.8	0.0	0.0	0.0	5.9
8	14.0	26.2	19.3	84.8	19.034	16.7	7.6	0.0	7.6	6.1
9	15.6	25.1	20.3	85.4	19.958	17.5	0.0	0.0	0.0	4.3
10	14.3	27.0	21.1	80.2	18.959	16.6	0.0	0.0	0.0	8.6
11	12.0	29.0	20.9	79.0	20.031	17.4	0.0	0.0	0.0	8.5
12	14.8	27.0	20.8	80.6	19.159	16.8	0.0	0.0	0.0	8.8
13	15.4	28.1	22.0	77.1	19.680	17.2	0.0	0.0	0.0	8.7
14	16.3	28.8	22.0	79.9	20.992	18.3	0.0	0.0	0.0	5.9
15	18.8	27.1	22.8	81.8	22.648	19.5	0.0	0.0	0.0	4.4
16	18.8	28.0	22.7	84.6	23.171	19.8	0.3	0.0	0.3	4.5
17	17.0	28.8	22.2	85.1	22.889	19.5	6.0	0.0	6.0	5.1
18	19.6	25.4	22.4	92.5	25.004	21.1	0.1	0.0	0.1	3.0
19	19.0	24.5	20.6	88.8	21.934	19.0	0.0	0.0	0.0	3.1
20	15.6	23.5	20.4	88.3	20.833	18.1	0.4	0.0	0.4	1.5
21	15.0	28.0	19.6	85.5	19.723	17.3	0.0	0.6	0.6	7.8
22	15.0	27.0	20.4	89.8	21.577	18.6	2.7	0.0	2.7	5.7
23	15.2	26.5	21.4	88.8	22.714	19.5	0.0	7.4	7.4	6.3
24	16.0	28.0	21.3	88.0	22.542	19.4	3.3	0.0	3.3	7.6
25	14.0	27.5	21.4	74.8	18.729	16.4	0.0	0.0	0.0	9.4
26	18.2	29.5	22.5	85.8	23.194	19.9	0.0	2.3	2.3	6.2
27	14.0	28.0	21.6	86.1	21.891	18.9	0.5	0.0	0.5	8.2
28	14.0	28.5	20.6	87.2	21.046	18.3	11.7	0.0	11.7	6.6
29	14.0	28.5	21.3	89.5	22.659	19.5	0.0	0.0	0.0	8.4
30	15.0	27.0	18.5	90.2	19.199	16.8	23.6	0.0	23.6	5.2
Prom.	15.5	27.0	20.8	83.8	20.470	17.8	77.4	10.3	87.7	189.2

Estación PUEBLO BELLO

Municipio PUEBLO BELLO

Año 1.971

Altitud 1.000 metros

Latitud 10-22 N.

Longitud 73-38 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.4	25.0	19.3	92.4	20.976	18.2	13.3	1.5	14.8	5.1
2	15.0	24.0	18.6	96.3	20.967	18.2	7.0	0.0	7.0	4.1
3	14.7	26.0	18.9	93.7	20.540	17.8	0.6	0.0	0.6	4.9
4	16.0	23.4	19.8	88.8	20.318	17.7	2.5	0.0	2.5	1.8
5	15.4	26.5	20.1	88.8	21.221	18.4	18.6	0.0	18.6	6.1
6	15.3	25.5	20.9	87.1	21.413	18.5	0.0	0.0	0.0	4.8
7	15.3	26.3	21.5	80.8	20.772	18.0	0.0	0.0	0.0	8.7
8	16.6	25.0	21.1	85.9	21.607	18.7	0.0	1.1	1.1	1.2
9	17.0	26.0	20.3	89.5	21.495	18.6	36.9	0.2	37.1	3.2
10	16.1	26.0	21.0	87.8	22.294	19.2	0.5	0.0	0.5	5.0
11	15.0	26.5	20.5	88.2	21.514	18.6	6.5	1.7	8.2	6.5
12	15.4	26.4	21.2	86.8	22.148	19.0	0.0	38.7	38.7	7.4
13	16.1	24.5	20.0	95.5	22.551	19.4	9.3	0.0	9.3	2.4
14	16.0	25.5	19.9	90.7	21.695	18.8	74.5	0.8	75.3	3.0
15	16.8	26.0	20.8	91.5	22.915	19.6	6.9	12.6	19.5	6.0
16	16.4	26.5	21.4	87.7	22.218	19.1	8.3	46.4	54.7	8.6
17	17.3	26.5	21.3	88.2	22.617	19.4	5.0	12.7	12.7	5.2
18	19.0	26.9	21.4	86.5	22.607	19.4	0.0	1.1	6.1	3.1
19	17.6	26.8	21.7	87.0	22.854	19.6	3.8	0.9	4.7	4.6
20	17.3	26.6	21.3	88.4	22.982	19.6	0.6	0.8	1.4	5.5
21	18.3	25.5	20.9	93.8	23.393	19.9	2.9	0.0	2.9	2.3
22	18.0	25.5	21.1	86.7	22.114	19.1	10.3	6.2	16.5	4.6
23	18.1	27.0	21.4	81.2	20.592	18.0	0.0	0.0	0.0	3.4
24	16.8	25.0	19.8	88.0	20.648	18.0	3.1	1.1	4.2	4.2
25	16.1	26.5	21.2	87.2	21.965	19.0	0.0	0.5	0.5	5.6
26	17.1	25.0	21.4	88.3	22.487	19.3	0.0	0.0	0.0	3.8
27	15.4	27.5	21.5	88.5	22.559	19.4	0.0	0.0	0.0	8.9
28	15.0	26.5	21.3	84.4	21.515	18.6	0.0	0.0	0.0	9.4
29	16.2	27.0	20.4	86.7	21.194	18.4	7.4	8.0	15.4	4.6
30	17.3	24.3	20.7	92.2	22.703	19.5	0.1	4.0	4.1	3.4
31	17.3	26.5	20.0	88.4	21.410	18.5	38.3	0.0	38.3	5.1
Prom.	16.4	25.9	20.7	88.6	21.816	18.8	256.4	138.3	394.7	152.5

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.0	26.5	19.8	86.4	20.376	17.8	17.3	0.0	17.3	8.5
2	15.0	25.0	20.9	89.5	22.436	19.3	6.3	0.0	6.3	5.7
3	15.0	26.6	20.8	80.1	19.935	17.4	0.0	0.0	0.0	9.6
4	15.0	28.0	21.5	81.2	21.134	18.3	9.6	0.0	9.6	7.1
5	15.2	26.0	21.2	84.7	21.325	18.5	0.0	0.0	0.0	7.6
6	16.2	26.3	22.0	86.1	23.050	19.7	3.8	4.7	8.5	7.1
7	16.8	26.2	20.7	91.7	23.107	19.7	21.7	0.0	21.7	7.1
8	15.5	26.9	21.8	87.1	22.507	19.2	0.0	0.0	0.0	7.5
9	16.5	27.9	22.1	83.2	22.397	19.3	0.0	0.0	0.0	8.5
10	15.4	28.5	23.3	76.0	21.304	18.4	0.0	0.0	0.0	8.6
11	15.0	29.0	22.0	80.0	20.583	17.8	0.0	0.0	0.0	10.4
12	16.3	27.0	21.5	85.8	21.906	18.8	0.0	9.6	9.6	4.0
13	18.8	23.6	20.3	90.2	21.467	18.7	2.3	1.4	3.7	2.0
14	18.0	26.0	22.2	87.3	23.238	19.9	2.2	0.0	2.2	7.1
15	17.3	27.0	21.1	78.8	20.262	17.5	0.0	0.0	0.0	9.5
16	15.4	27.0	22.3	71.0	19.442	16.9	0.0	0.0	0.0	8.5
17	15.0	26.5	19.6	79.8	18.286	16.1	0.0	0.0	0.0	8.5
18	16.3	27.0	21.3	80.6	20.513	17.9	0.0	0.0	0.0	6.2
19	14.6	27.5	21.1	80.3	19.986	17.5	0.0	0.0	0.0	9.7
20	12.5	27.0	21.4	71.3	18.074	15.9	0.0	0.0	0.0	10.8
21	14.0	27.5	22.4	79.6	21.036	18.3	0.0	6.7	6.7	8.6
22	18.0	24.0	20.6	89.7	21.827	18.9	4.0	5.8	9.8	2.5
23	17.6	26.5	22.1	89.2	23.746	20.2	0.0	0.0	0.0	5.8
24	15.0	28.5	22.7	81.6	21.844	18.7	0.0	0.0	0.0	8.7
25	15.5	27.5	21.0	82.1	20.471	17.7	0.0	0.0	0.0	7.9
26	17.1	26.5	21.8	84.4	21.594	18.7	0.5	0.0	0.5	4.3
27	18.2	26.5	22.1	88.4	23.214	19.9	0.0	0.0	0.0	3.4
28	16.0	25.5	21.2	89.7	22.256	19.1	0.3	0.0	0.3	7.2
29	17.5	24.5	20.7	91.8	22.206	19.2	0.0	0.0	0.0	2.0
30	14.6	28.0	21.9	79.2	20.238	17.7	0.0	0.0	0.0	8.9
Prom.	15.9	26.7	21.4	83.6	21.325	18.4	68.0	28.2	96.2	213.3

Estación PUEBLO BELLO
 Altitud 1.000 metros

Municipio PUEBLO BELLO
 Latitud 10-22 N.

Año 1.971
 Longitud 73-38 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.6	28.4	22.1	82.3	22.019	19.0	0.0	0.0	0.0	9.5
2	14.8	29.0	22.7	72.8	19.300	16.9	0.0	0.0	0.0	8.0
3	14.8	27.0	22.0	76.2	19.824	17.3	0.0	0.0	0.0	7.7
4	15.0	29.0	22.6	79.9	21.614	18.6	0.0	0.0	0.0	9.7
5	16.3	29.5	21.3	69.6	17.093	14.9	0.0	0.0	0.0	11.1
6	12.5	28.4	22.0	73.6	18.977	16.6	0.0	0.0	0.0	9.1
7	15.0	27.0	20.9	86.4	21.700	18.8	1.5	0.0	1.5	7.8
8	15.0	28.3	22.1	81.5	21.420	18.6	0.0	0.0	0.0	7.4
9	14.6	30.0	21.8	74.9	19.302	16.9	0.0	0.0	0.0	8.9
10	16.2	28.3	22.7	79.5	21.885	18.9	0.0	0.0	0.0	5.3
11	15.6	29.8	22.4	76.0	20.452	17.9	0.0	0.0	0.0	5.9
12	17.2	27.0	21.3	84.1	21.238	18.4	1.9	1.4	3.3	6.1
13	16.3	26.0	21.4	84.0	21.239	18.4	0.0	0.0	0.0	5.9
14	14.6	25.8	18.8	84.3	18.702	16.5	20.6	0.2	20.8	5.7
15	14.6	25.0	21.2	78.4	19.588	17.1	0.0	0.0	0.0	6.5
16	17.1	27.0	21.4	78.5	20.272	17.7	0.0	0.0	0.0	6.9
17	18.0	26.0	21.1	68.4	16.826	14.6	0.0	0.0	0.0	6.8
18	17.1	25.0	22.1	85.6	22.566	19.4	0.0	0.0	0.0	3.5
19	17.5	28.5	23.9	77.3	22.604	19.4	0.0	0.0	0.0	8.9
20	17.5	29.5	24.3	74.9	22.395	19.3	0.0	0.0	0.0	9.0
21	15.1	31.6	22.5	74.0	20.413	17.7	0.0	0.0	0.0	10.9
22	14.8	31.0	24.7	72.5	22.086	19.0	0.0	16.1	16.1	9.0
23	16.1	29.9	23.1	70.4	20.057	17.5	0.0	0.0	0.0	6.8
24	16.8	27.0	22.6	76.0	21.115	18.2	0.1	0.2	0.3	5.5
25	17.5	28.0	23.3	73.7	21.462	18.6	0.0	0.0	0.0	9.7
26	15.8	27.9	21.6	81.0	20.396	17.8	0.0	9.7	9.7	6.3
27	17.1	29.5	22.8	83.7	22.940	19.7	1.5	0.2	1.7	7.6
28	15.7	27.5	21.9	87.1	22.920	19.7	0.9	0.0	0.9	8.0
29	15.8	27.9	20.3	87.3	21.483	18.6	22.6	0.0	22.6	6.8
30	16.0	28.0	21.9	88.7	23.254	19.8	0.3	0.0	0.3	8.1
31	16.8	27.7	21.0	89.9	22.833	19.6	34.0	4.0	38.0	8.3
Prom.	15.9	28.1	22.1	79.1	20.902	18.1	83.4	31.8	115.2	236.7

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	27.7	21.4	87.6	22.425	19.3	1.3	0.0	1.3	5.7
2	14.4	27.3	21.5	83.5	20.909	18.2	0.0	0.0	0.0	6.3
3	13.0	27.5	20.6	80.8	19.335	16.9	0.0	0.0	0.0	8.7
4	15.0	26.0	20.8	83.2	19.894	17.4	0.0	0.0	0.0	8.3
5	17.7	25.0	21.1	88.3	22.055	19.0	0.0	0.2	0.2	6.3
6	17.3	26.5	21.4	84.9	21.619	18.7	0.0	0.3	0.3	8.0
7	16.0	26.0	19.6	89.9	21.219	18.4	11.9	0.0	11.9	8.1
8	14.8	25.0	21.9	86.8	22.537	19.4	0.5	0.3	0.8	8.6
9	16.1	26.0	22.3	86.3	22.989	19.7	0.0	6.5	6.5	8.1
10	16.8	25.6	20.9	92.1	22.720	19.5	0.0	0.0	0.0	9.3
11	15.4	29.5	21.5	89.0	22.395	19.2	0.0	0.3	0.3	7.4
12	16.4	27.0	21.6	85.1	21.834	18.9	0.0	0.0	0.0	8.9
13	15.2	26.0	21.1	84.4	20.937	18.2	0.0	0.0	0.0	8.0
14	16.6	27.0	20.1	89.3	21.166	18.4	5.4	0.0	5.4	5.9
15	16.0	23.3	19.3	91.2	20.430	17.8	0.0	0.0	0.0	1.9
16	16.3	26.0	19.0	86.8	18.916	16.6	15.6	0.0	15.6	5.9
17	15.0	26.5	19.5	89.7	20.707	18.0	17.4	6.1	25.5	7.5
18	15.8	26.0	22.0	87.4	22.660	19.5	0.0	0.0	0.0	7.2
19	15.5	27.0	19.5	87.2	19.583	17.2	0.1	0.1	0.2	7.5
20	15.0	27.0	21.5	85.6	21.143	18.2	0.0	14.5	14.5	7.7
21	17.1	25.5	20.1	90.4	21.574	18.7	0.6	0.0	0.6	6.0
22	14.6	26.0	20.6	87.7	20.872	18.1	0.0	0.0	0.0	7.4
23	14.2	27.5	21.3	87.2	21.914	18.9	0.0	0.0	0.0	8.7
24	14.0	27.5	21.5	87.2	22.065	19.0	0.0	32.3	32.3	7.7
25	15.8	25.0	19.7	91.7	21.562	18.7	18.3	0.0	18.3	4.5
26	15.4	26.2	20.3	90.7	21.702	18.7	1.4	64.9	66.3	4.7
27	17.0	24.2	19.9	92.6	21.724	18.8	0.0	0.0	0.0	3.2
28	18.0	26.6	21.5	85.0	21.565	18.7	0.0	0.0	0.0	0.5
29	16.3	29.0	23.4	78.8	22.135	19.1	0.2	0.1	0.3	8.3
30	16.9	26.0	22.0	84.7	22.405	19.3	0.0	0.0	0.0	7.4
31	16.3	26.5	21.5	85.9	21.993	19.0	0.0	0.0	0.0	6.8
Prom.	15.8	26.4	20.9	87.1	21.451	18.6	72.9	127.6	200.5	210.5

Estación PUEBLO BELLO

Municipio PUEBLO BELLO

Año 1.971

Altitud 1.000 metros

Latitud 10-22 N.

Longitud 73-38 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	23.5	19.6	89.4	20.352	17.8	0.0	5.2	5.2	0.0
2	16.8	26.5	19.9	89.8	21.317	18.5	0.0	0.0	0.0	5.2
3	16.2	24.0	19.5	93.2	21.661	18.7	32.7	7.9	40.6	3.4
4	17.0	23.5	20.1	85.7	20.432	17.8	0.0	1.2	1.2	0.0
5	15.1	28.0	21.1	83.4	21.317	18.5	15.3	0.7	16.0	8.6
6	16.3	25.0	20.9	88.4	21.789	18.9	0.0	0.0	0.0	2.7
7	15.0	26.0	20.2	87.7	20.815	18.0	3.7	0.0	3.7	6.9
8	15.0	26.5	21.1	87.4	21.662	18.7	0.0	11.2	11.2	6.8
9	17.3	26.5	21.6	83.8	21.565	18.7	0.0	0.9	0.9	7.9
10	16.6	26.0	20.6	88.3	21.845	18.9	8.1	0.0	8.1	4.8
11	15.0	26.0	20.9	86.1	21.253	18.4	0.0	0.0	0.0	7.4
12	14.8	28.6	22.7	81.9	22.258	19.0	0.3	0.4	0.7	9.2
13	16.0	25.9	21.1	88.4	22.459	19.3	2.6	6.1	8.7	8.9
14	17.5	26.5	20.5	89.6	21.863	18.9	7.1	0.0	7.1	5.2
15	15.6	25.5	20.2	86.1	20.510	17.8	51.2	0.0	51.2	6.7
16	14.8	26.3	19.2	86.8	19.637	17.2	1.7	0.9	2.6	6.7
17	15.0	22.0	18.9	88.5	19.810	17.3	4.3	0.0	4.3	0.0
18	15.1	26.0	19.4	88.1	20.206	17.7	11.4	0.0	11.4	5.0
19	15.0	26.0	19.3	92.0	20.890	18.2	14.9	0.0	14.9	5.2
20	14.7	26.5	20.9	85.9	21.294	18.4	0.0	0.0	0.0	7.4
21	16.0	25.0	19.6	90.9	20.978	18.2	4.1	0.2	4.3	3.8
22	16.1	27.0	22.0	84.4	22.049	19.0	0.0	0.0	0.0	6.9
23	15.3	28.0	21.7	81.9	21.221	18.3	0.0	0.0	0.0	8.4
24	16.6	27.0	22.2	85.0	22.703	19.5	0.0	0.8	0.8	8.0
25	16.6	27.0	21.2	87.8	22.387	19.2	1.1	0.0	1.1	4.5
26	16.3	26.4	21.1	85.1	22.063	19.0	1.7	0.0	1.7	0.0
27	15.1	27.0	21.7	86.9	22.448	19.3	0.0	0.0	0.0	5.6
28	16.2	27.5	21.1	87.3	22.002	18.9	0.5	0.0	0.5	4.9
29	16.6	26.5	20.7	87.2	21.451	18.6	3.3	0.0	3.3	5.0
30	15.8	26.0	20.1	88.2	21.017	18.3	7.1	2.8	9.9	5.3
Prom.	15.8	26.1	20.6	87.2	21.375	18.5	171.1	38.3	209.4	160.4

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	25.0	21.2	89.9	22.634	19.4	38.1	7.9	46.0	6.2
2	15.0	26.0	20.5	88.1	21.485	18.6	4.3	0.0	4.3	3.5
3	15.4	25.0	20.4	89.4	21.591	18.7	0.0	0.1	0.1	4.1
4	14.0	26.0	20.7	86.0	20.949	18.2	0.0	3.9	3.9	7.5
5	16.4	25.0	21.1	86.3	21.592	18.7	0.0	0.0	0.0	8.2
6	16.0	25.0	19.9	90.1	21.077	18.3	0.0	0.0	0.0	5.8
7	16.6	26.0	21.3	88.5	22.350	19.3	1.0	0.6	1.6	7.5
8	16.3	25.0	20.7	80.9	19.715	17.3	0.0	0.0	0.0	7.8
9	13.0	27.0	20.0	82.0	19.312	16.7	0.0	0.0	0.0	8.2
10	16.3	25.0	20.1	89.8	21.433	18.6	49.6	8.6	58.2	2.7
11	16.3	25.0	20.3	88.5	20.863	18.1	0.3	0.2	0.5	0.3
12	17.3	27.5	21.7	90.2	23.265	19.9	0.4	0.0	0.4	5.2
13	17.0	26.0	20.0	88.9	21.266	18.5	33.0	3.6	36.6	5.2
14	16.0	25.0	20.7	85.7	20.814	18.1	0.0	0.0	0.0	4.5
15	15.6	26.0	20.5	79.7	18.928	16.6	2.5	0.0	2.5	3.9
16	14.4	24.4	18.5	90.0	19.724	17.2	34.4	0.5	34.9	3.7
17	15.8	22.0	18.7	93.3	20.146	17.6	12.7	0.9	13.6	1.2
18	15.1	23.0	18.1	89.3	18.834	16.5	0.0	0.0	0.0	3.7
19	14.0	24.5	19.3	87.6	19.609	17.1	0.0	0.0	0.0	6.5
20	14.1	26.0	20.6	86.1	20.755	18.0	1.7	0.0	1.7	9.2
21	14.0	26.0	21.0	86.8	21.448	18.5	0.6	0.0	0.6	8.7
22	15.0	25.0	20.3	87.6	21.081	18.3	0.0	0.0	0.0	6.4
23	15.0	24.4	19.2	84.8	19.607	17.2	0.3	0.2	0.5	7.4
24	14.6	24.5	19.2	89.0	19.919	17.4	3.1	0.0	3.1	7.4
25	14.4	25.0	19.6	89.0	20.371	17.7	0.6	0.0	0.6	6.4
26	13.6	27.0	20.5	83.6	19.735	17.2	0.5	0.0	0.5	8.0
27	14.0	25.0	19.7	87.5	20.156	17.6	11.1	0.1	11.2	7.6
28	15.6	25.6	20.2	85.7	20.222	17.7	0.7	0.8	1.5	7.3
29	16.0	25.0	20.5	86.9	21.056	18.3	0.0	0.7	0.7	6.2
30	15.6	25.0	19.7	88.1	20.575	17.9	33.1	2.9	36.0	2.9
31	13.3	24.0	19.6	89.1	20.083	17.5	0.0	9.3	9.3	5.8
Prom.	15.2	25.2	20.1	87.4	20.664	18.0	228.0	40.3	268.3	179.0

Estación PUEBLO BELLO

Municipio PUEBLO BELLO

Año 1.971

Altitud 1.000 metros

Latitud 10-22 N.

Longitud 73-38 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	25.0	20.5	88.9	21.452	18.6	0.0	0.0	0.0	7.9
2	16.0	26.0	20.9	81.9	20.027	17.3	2.5	0.2	2.7	7.8
3	16.0	25.0	20.2	87.9	20.871	18.1	1.7	0.0	1.7	6.5
4	14.0	26.0	18.5	81.1	17.774	15.5	0.0	0.0	0.0	8.6
5	12.0	25.5	19.6	82.2	18.966	16.3	0.0	0.0	0.0	9.3
6	14.2	27.0	21.8	78.6	20.486	17.7	0.0	0.0	0.0	9.0
7	14.2	27.0	20.2	81.8	19.776	17.0	4.1	0.0	4.1	8.2
8	15.5	26.0	19.4	93.5	21.130	18.4	9.5	0.0	9.5	6.7
9	14.2	26.5	19.1	89.4	19.777	17.3	9.7	7.0	16.7	8.8
10	15.2	25.5	20.4	90.5	21.535	18.6	0.0	14.3	14.3	3.2
11	16.1	26.0	19.9	86.7	20.191	17.7	0.2	0.0	0.2	5.2
12	16.0	26.0	19.6	88.9	20.507	17.9	25.8	0.0	25.8	7.1
13	15.0	27.5	21.4	84.4	21.655	18.7	0.0	6.3	6.3	8.1
14	17.0	25.5	20.8	89.4	22.006	19.0	0.3	0.0	0.3	5.1
15	15.4	27.0	22.1	85.7	22.734	19.5	0.0	0.0	0.0	9.1
16	15.2	28.0	21.8	85.6	22.141	19.1	0.0	0.0	0.0	8.2
17	16.8	26.0	19.8	86.6	20.548	17.9	4.0	0.0	4.0	4.8
18	15.0	26.0	19.8	84.4	19.397	17.0	19.7	9.9	29.6	6.0
19	17.5	24.5	19.5	93.5	21.809	18.8	4.0	0.1	4.1	4.0
20	17.0	24.0	19.1	89.2	20.029	17.5	6.4	0.0	6.4	4.0
21	16.0	24.5	19.6	85.8	20.015	17.4	1.8	0.0	1.8	6.5
22	16.3	25.0	20.7	90.9	22.167	19.1	0.0	0.0	0.0	6.0
23	13.3	26.0	18.9	81.3	17.683	15.5	0.0	0.0	0.0	9.3
24	13.5	26.0	19.7	87.1	20.373	17.7	4.4	0.0	4.4	6.7
25	17.1	26.3	20.1	89.5	21.586	18.7	0.0	0.0	0.0	5.2
26	16.0	26.0	21.0	83.5	20.790	18.1	0.0	0.0	0.0	9.9
27	13.8	25.4	19.9	78.0	18.870	16.2	0.0	0.0	0.0	9.9
28	15.0	25.6	21.0	88.4	21.940	18.9	0.0	0.0	0.0	7.3
29	15.0	26.0	20.5	88.2	21.116	18.3	0.0	0.0	0.0	7.8
30	15.0	26.0	19.4	87.9	20.099	17.5	0.0	0.0	0.0	9.6
Prom.	15.3	25.9	20.2	86.4	20.582	17.8	94.1	53.5	147.6	215.8

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.3	26.5	18.2	84.2	17.890	15.7	0.0	0.0	0.0	8.6
2	13.0	25.5	19.2	84.3	19.174	16.8	0.0	0.0	0.0	9.7
3	12.5	26.5	19.5	80.9	18.096	15.8	0.0	0.0	0.0	9.6
4	12.4	26.5	20.1	81.9	19.324	16.9	0.0	0.0	0.0	10.0
5	10.0	26.5	20.6	78.9	19.065	16.8	0.0	0.0	0.0	10.1
6	12.0	27.0	19.5	82.8	18.456	16.1	0.0	0.0	0.0	9.9
7	13.0	27.5	19.6	83.1	19.256	16.8	0.0	0.0	0.0	9.9
8	13.0	27.8	18.9	69.9	15.492	13.5	0.0	0.0	0.0	9.8
9	10.0	28.0	20.0	77.1	17.942	15.8	0.0	0.0	0.0	7.2
10	11.0	26.5	19.5	80.4	17.959	15.8	0.0	0.0	0.0	9.5
11	12.8	27.5	19.6	78.5	17.768	15.6	0.0	0.0	0.0	9.1
12	11.4	27.5	19.0	79.3	17.291	15.2	0.0	0.0	0.0	9.7
13	11.8	28.0	18.7	81.9	17.380	15.3	0.0	0.0	0.0	10.2
14	12.0	27.0	19.6	77.9	17.371	15.3	0.0	0.0	0.0	9.2
15	13.0	27.5	20.3	80.6	18.996	16.7	0.0	0.0	0.0	9.8
16	13.5	27.5	20.9	76.5	19.235	16.9	0.0	0.0	0.0	10.1
17	12.8	27.7	19.4	77.5	17.640	15.5	0.0	0.0	0.0	9.7
18	13.0	27.5	20.2	75.0	17.954	15.8	0.0	0.0	0.0	7.8
19	12.4	26.5	19.5	74.1	16.653	14.6	0.0	0.0	0.0	10.2
20	10.0	27.5	19.4	75.2	16.813	14.8	0.0	0.0	0.0	10.2
21	11.6	28.0	19.8	71.8	16.629	14.6	0.0	0.0	0.0	9.8
22	11.0	28.0	20.3	77.0	18.377	16.2	0.0	0.0	0.0	7.9
23	12.0	28.0	19.6	80.3	18.542	16.3	0.2	0.0	0.2	7.5
24	13.0	28.8	19.6	82.1	18.666	16.4	0.5	0.0	0.5	8.1
25	13.3	26.0	19.4	86.6	19.482	17.1	0.0	0.0	0.0	5.6
26	14.0	27.9	20.1	76.8	18.443	16.2	0.0	0.0	0.0	7.3
27	10.5	28.0	19.4	73.4	16.140	14.1	0.0	0.0	0.0	9.2
28	12.1	28.0	19.3	76.8	16.884	14.8	0.0	0.0	0.0	9.6
29	12.0	27.9	19.4	78.8	17.559	15.5	0.0	0.0	0.0	9.9
30	12.0	25.7	19.1	82.9	18.000	15.8	0.0	0.0	0.0	10.1
31	13.0	28.0	19.3	81.2	17.990	15.8	0.0	0.0	0.0	4.9
Prom.	12.2	27.3	19.6	79.0	17.951	15.8	0.7	0.0	0.7	280.7

Estación **PUEBLO BELLO**Municipio **PUEBLO BELLO**Año **1.971**Altitud **1.000 Metros**Latitud **10-22 N.**Longitud **73-38 W.**

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	13.1	27.0	19.9	10.4	29.9	80.1	18.194	15.9	31.3	5	246.4
FEBRERO	13.6	27.6	20.3	10.0	29.7	75.9	17.646	15.4	13.7	6	240.1
MARZO	14.5	27.2	20.4	11.0	30.0	78.9	18.535	16.2	68.6	7	207.7
ABRIL	15.5	27.0	20.8	12.0	29.5	83.8	20.470	17.8	87.7	15	189.2
MAYO	16.4	25.9	20.7	14.4	27.5	88.6	21.816	18.8	394.7	25	152.5
JUNIO	15.9	26.7	21.4	12.5	29.0	83.6	21.325	18.4	96.2	12	213.3
JULIO	15.9	28.1	22.1	12.5	31.6	79.1	20.902	18.1	115.2	11	236.7
AGOSTO	15.8	26.4	20.9	13.0	29.5	87.1	21.451	18.6	200.5	18	210.5
SEPTIEMBRE	15.8	26.1	20.6	14.7	28.6	87.2	21.375	18.5	209.4	23	160.4
OCTUBRE	15.2	25.2	20.1	13.0	27.5	87.4	20.664	18.0	268.3	23	179.0
NOVIEMBRE	15.3	25.9	20.2	12.0	28.0	86.4	20.582	17.8	147.6	17	215.8
DICIEMBRE	12.2	27.3	19.6	10.0	28.8	79.0	17.951	15.8	0.7	2	280.7
PROMEDIO	14.9	26.7	20.6	12.1	29.1	83.1	20.076	17.4			
TOTAL									1633.9	164	2532.3

Estación **MONTELIBANO**
 Altitud **1.340** metros

Municipio **YACOPI**
 Latitud **5-28 N.**

Año **1.971**
 Longitud **74-22 W.**

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.2	25.2	20.1	90.5	21.596	18.7	0.0	0.0	0.0	4.3
2	17.4	24.5	20.6	85.7	21.257	18.5	0.0	0.0	0.0	4.6
3	18.0	23.4	19.9	92.5	21.541	18.7	0.0	10.6	10.6	3.4
4	17.0	22.3	19.9	88.4	20.373	17.8	0.9	5.8	6.7	0.0
5	16.6	23.0	19.7	86.1	19.634	17.2	0.0	5.2	5.2	0.9
6	17.0	22.7	19.3	92.9	20.903	18.2	2.5	4.7	7.2	1.0
7	16.6	22.4	18.7	90.4	19.521	17.1	0.0	2.5	2.5	4.1
8	16.4	21.3	18.1	89.3	18.523	16.3	0.0	0.4	0.4	3.9
9	16.2	21.5	18.9	92.8	20.293	17.7	0.2	0.0	0.2	0.7
10	16.0	22.6	18.6	88.2	18.910	16.6	0.0	26.9	26.9	1.1
11	16.6	23.0	19.5	89.7	20.335	17.8	0.0	0.0	0.0	3.8
12	17.0	25.0	19.9	86.0	19.935	17.4	8.3	6.6	14.9	5.8
13	16.0	23.6	19.3	85.9	19.078	16.7	0.0	0.0	0.0	6.1
14	16.2	23.3	19.5	87.1	19.520	17.1	0.8	3.0	3.8	6.8
15	16.5	21.8	18.9	89.6	19.315	16.9	1.7	0.0	1.7	1.5
16	17.6	22.6	18.8	87.9	19.216	16.9	4.0	7.2	11.2	3.2
17	14.2	24.2	19.3	83.0	18.403	16.1	0.1	0.0	0.1	0.9
18	16.6	24.0	18.5	94.4	20.274	17.7	0.4	2.1	2.5	2.8
19	17.0	24.0	19.1	89.3	19.729	17.3	0.0	17.3	17.3	4.1
20	16.4	19.5	17.6	90.8	18.332	16.1	0.0	2.1	2.1	1.0
21	15.5	20.4	18.1	90.3	18.709	16.4	0.9	0.0	0.9	0.2
22	16.5	21.5	18.7	88.1	18.862	16.6	0.0	0.0	0.0	6.0
23	15.9	24.0	20.1	87.5	20.485	17.8	0.0	2.6	2.6	6.3
24	15.5	25.3	20.0	88.3	20.712	18.1	0.0	0.0	0.0	5.7
25	16.4	23.5	19.7	88.0	20.063	17.6	0.0	2.6	2.6	4.5
26	15.7	23.3	18.9	88.3	19.231	16.9	1.8	3.1	4.9	4.3
27	16.5	21.5	18.8	89.7	19.284	16.9	0.0	5.3	5.3	1.5
28	16.2	21.6	18.2	92.1	19.361	17.0	52.2	1.0	53.2	1.7
29	16.8	21.8	18.7	94.6	20.293	17.7	11.1	3.5	14.6	3.1
30	15.8	24.5	19.7	88.8	20.310	17.7	0.0	0.0	0.0	6.2
31	17.7	23.3	19.1	87.5	19.617	17.2	48.5	1.3	49.8	4.4
Prom.	16.5	22.9	19.2	89.2	19.794	17.3	133.4	113.8	247.2	103.9

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.9	22.5	20.2	90.1	20.945	18.2	0.0	0.3	0.0	7.4
2	17.6	22.4	19.1	90.9	20.130	17.6	12.5	0.3	12.8	2.1
3	16.4	22.0	19.2	88.9	19.588	17.2	0.1	5.1	5.2	2.6
4	16.8	22.3	18.0	91.8	18.952	16.7	2.7	0.0	2.7	5.1
5	16.9	19.7	18.1	90.7	18.837	16.5	0.4	0.1	0.5	2.0
6	16.0	24.5	19.6	82.7	18.791	16.5	0.0	0.0	0.0	7.6
7	15.4	24.5	20.1	86.4	20.181	17.6	0.0	0.0	0.0	7.8
8	16.6	23.0	19.4	87.1	19.597	17.2	0.0	9.8	9.8	6.5
9	16.6	23.7	19.2	84.2	18.695	16.4	0.0	11.5	11.5	5.1
10	15.8	22.0	19.4	86.5	19.403	17.0	6.8	2.4	9.2	4.8
11	15.0	21.5	18.5	86.2	17.949	15.7	0.6	0.0	0.6	4.9
12	15.6	22.6	19.4	88.4	19.644	17.2	0.0	0.0	0.0	7.2
13	15.8	24.5	18.9	90.1	19.486	17.1	0.5	6.3	6.8	4.1
14	15.6	20.5	18.4	93.6	19.702	17.3	0.1	0.0	0.1	1.0
15	16.7	23.5	18.7	87.0	19.231	16.9	1.0	0.0	1.0	4.9
16	15.0	22.3	18.7	91.5	19.650	17.2	0.8	0.0	0.8	4.8
17	16.0	24.5	19.7	83.3	19.116	16.8	0.3	4.8	5.1	2.4
18	16.4	20.8	18.5	92.7	19.683	17.3	2.9	3.7	6.6	1.1
19	16.8	21.0	17.9	95.9	19.860	17.3	1.6	0.2	1.8	0.3
20	16.6	21.8	18.7	96.6	20.699	18.1	0.1	4.7	4.8	3.2
21	16.4	24.5	19.4	89.2	20.260	17.7	2.0	16.3	18.3	2.8
22	17.0	23.5	19.4	84.7	19.241	16.9	0.0	0.0	0.0	0.0
23	15.7	23.0	18.4	91.7	19.413	17.0	0.2	0.0	0.2	5.1
24	16.4	22.9	19.1	91.3	20.341	17.7	1.7	0.0	1.7	5.5
25	17.3	24.5	20.4	81.1	19.257	16.8	0.0	0.0	0.0	10.4
26	17.6	24.5	20.0	78.0	18.739	16.4	0.0	0.3	0.3	0.8
27	16.5	24.2	19.0	86.3	18.773	16.4	0.0	3.1	3.1	2.4
28	17.3	25.4	19.4	83.0	18.804	16.5	25.3	2.2	27.5	6.6
Prom.	16.3	22.9	19.1	88.2	19.463	17.0	59.6	70.8	130.4	118.5

Estación MONTELIBAND

Municipio YACOPI

Año 1.971

Altitud 1.340 metros

Latitud 5-28 N.

Longitud 74-22 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.5	24.0	18.4	86.1	18.938	16.5	0.0	0.0	0.0	4.8
2	15.8	23.3	18.9	84.8	18.672	16.4	14.3	7.9	22.2	0.0
3	16.5	24.8	19.5	82.6	18.942	16.6	0.0	1.1	1.1	5.4
4	16.8	21.0	18.5	86.8	18.536	16.3	0.0	0.0	0.0	3.1
5	17.0	24.1	19.5	83.7	18.968	16.7	0.0	0.0	0.0	4.3
6	16.5	23.0	19.3	84.9	18.978	16.7	0.6	1.9	2.5	6.6
7	17.5	22.0	19.9	90.7	21.029	18.3	7.7	0.3	8.0	1.4
8	17.4	23.0	18.1	97.0	20.187	17.7	10.8	0.2	11.0	1.8
9	15.9	25.0	19.8	84.9	19.305	17.0	7.5	0.2	7.7	6.9
10	15.7	24.1	18.7	88.0	19.427	17.0	23.2	5.6	28.8	5.8
11	16.9	24.0	20.0	83.9	19.761	17.3	0.0	0.5	0.5	4.4
12	16.9	24.0	19.4	84.5	18.863	16.6	4.9	0.3	5.2	0.6
13	16.6	24.8	18.6	89.0	19.135	16.8	0.2	0.0	0.2	4.9
14	16.5	24.5	20.3	87.4	20.753	18.1	0.2	9.1	9.3	2.1
15	16.7	24.0	18.9	89.8	19.700	17.2	0.2	13.7	13.9	0.6
16	16.0	23.5	18.8	88.7	19.223	16.9	6.7	4.7	11.4	1.9
17	16.0	23.0	18.6	87.2	18.590	16.3	4.8	23.0	27.8	0.8
18	16.7	22.5	18.5	94.8	20.047	17.5	2.8	4.9	7.7	2.1
19	16.9	24.8	19.3	92.0	20.863	18.1	3.7	11.5	15.2	3.3
20	16.5	21.7	17.7	97.6	19.636	17.2	22.2	1.0	23.2	1.1
21	16.6	22.1	19.0	90.4	19.762	17.3	0.6	0.1	0.7	6.0
22	15.7	24.0	18.7	87.7	19.267	16.9	5.8	3.1	8.9	0.0
23	15.9	24.6	19.2	88.1	19.652	17.2	0.0	0.0	0.0	6.5
24	17.0	24.5	19.4	85.2	19.275	16.9	0.2	2.2	2.4	3.7
25	17.0	23.3	19.8	87.2	20.028	17.5	0.1	4.3	4.4	3.5
26	17.0	24.0	20.3	87.9	20.974	18.3	0.4	14.7	15.1	3.3
27	16.8	21.9	19.7	89.8	20.381	17.8	0.0	0.0	0.0	3.8
28	15.7	23.0	19.6	86.7	19.771	17.3	1.0	2.3	3.3	4.5
29	16.0	22.2	18.1	90.9	19.057	16.7	0.0	0.0	0.0	0.6
30	17.0	21.6	18.9	88.8	19.331	17.0	0.0	0.0	0.0	0.6
31	16.2	20.4	17.8	95.3	19.399	17.0	0.8	0.3	1.1	0.2
Prom.	16.5	23.3	19.1	88.5	19.563	17.1	118.7	112.9	231.6	94.6

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	19.5	17.0	93.4	18.237	16.1	0.0	0.0	0.0	0.0
2	13.6	23.3	18.8	83.9	17.836	15.7	0.0	7.9	7.9	4.0
3	15.5	22.0	17.8	89.6	18.127	15.9	3.0	0.0	3.0	6.8
4	15.8	24.1	19.6	85.4	19.340	16.9	0.0	0.0	0.0	6.5
5	15.4	24.4	18.3	75.2	16.237	14.2	0.0	62.2	62.2	7.0
6	14.8	24.2	19.8	81.1	18.298	16.0	0.0	0.0	0.0	7.3
7	17.4	23.5	20.0	82.5	19.201	16.8	0.0	23.9	23.9	4.4
8	16.5	23.6	19.3	83.6	18.899	16.6	0.4	0.0	0.4	6.9
9	17.7	23.4	19.5	89.1	20.208	17.7	3.7	3.2	6.9	2.4
10	16.4	20.3	18.7	81.8	17.662	15.5	0.7	0.0	0.7	6.0
11	16.5	25.0	19.6	84.3	19.753	17.3	4.0	17.4	21.4	1.8
12	15.6	23.7	20.0	90.1	20.804	18.1	0.0	2.0	2.0	4.3
13	17.9	24.8	19.8	90.3	20.644	18.0	0.8	3.2	4.0	4.0
14	16.8	24.0	18.5	90.9	19.780	17.3	2.0	9.9	11.9	2.9
15	15.6	23.2	19.1	84.6	18.527	16.3	0.0	0.0	0.0	5.2
16	15.9	25.2	21.7	84.8	21.592	18.6	0.0	0.1	0.1	6.1
17	16.7	24.4	19.5	92.1	20.729	18.1	0.0	12.8	12.8	3.6
18	16.5	23.4	19.4	85.2	19.250	16.9	0.0	2.1	2.1	1.8
19	16.9	20.1	18.6	91.7	19.505	17.1	23.1	0.2	23.3	0.1
20	16.0	23.7	19.6	85.1	19.492	17.1	0.4	4.0	4.4	2.3
21	16.6	23.1	18.7	94.7	20.333	17.7	0.0	1.8	1.8	2.5
22	17.5	23.8	20.2	90.3	21.368	18.6	1.7	6.8	8.5	3.5
23	15.5	23.5	17.9	90.7	18.908	16.6	8.5	0.7	9.2	3.6
24	15.9	24.0	19.5	90.5	20.381	17.7	0.6	0.1	0.7	3.8
25	17.0	25.4	20.9	78.7	19.039	16.7	0.0	0.0	0.0	2.5
26	14.6	24.4	20.1	83.4	19.730	17.3	0.0	18.2	18.2	5.9
27	15.4	26.5	19.9	76.5	17.951	15.7	0.0	15.3	15.3	5.6
28	16.4	26.5	20.4	77.7	18.265	16.0	1.4	4.0	5.4	5.1
29	17.0	25.2	20.7	81.9	19.842	17.3	0.0	0.0	0.0	7.2
30	17.0	24.5	18.5	90.0	19.337	17.0	5.0	9.2	14.2	5.7
Prom.	16.2	23.8	19.4	86.0	19.309	16.9	55.3	205.0	260.3	128.8

Estación **MONTE IBANO**
 Altitud **1.340** metros

Municipio **YACOPI**
 Latitud **5-28 N.**

Año **1.971**
 Longitud **74-22 W.**

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	24.8	20.1	86.3	20.039	17.5	6.7	1.8	8.5	5.4
2	16.2	25.0	19.4	87.2	19.560	17.2	0.0	10.9	10.9	5.2
3	16.4	23.5	18.8	92.7	20.112	17.6	3.1	12.3	15.4	4.8
4	16.3	25.0	19.1	85.9	19.196	16.9	47.3	3.7	51.0	3.6
5	15.7	24.0	20.0	87.1	20.343	17.7	1.9	7.9	9.8	4.1
6	16.7	23.8	19.9	87.8	20.380	17.8	0.5	0.0	0.5	3.9
7	16.8	26.1	19.5	85.5	19.873	17.4	25.1	3.8	28.9	5.6
8	16.8	23.1	20.0	89.9	20.859	18.1	2.6	7.3	9.9	4.0
9	17.0	22.1	18.4	88.4	18.637	16.3	12.1	0.0	12.1	3.9
10	16.0	22.8	19.6	85.4	19.149	16.8	0.2	26.7	26.9	4.6
11	16.0	24.2	19.3	88.0	20.079	17.5	2.9	1.1	4.0	4.3
12	16.4	25.5	20.4	87.9	20.944	18.2	0.1	0.0	0.1	4.5
13	17.4	25.4	19.6	84.4	19.284	16.9	0.3	0.0	0.3	5.6
14	16.8	23.8	19.4	84.9	18.921	16.6	0.0	1.7	1.7	3.3
15	17.6	24.8	18.4	91.1	19.329	16.9	49.5	8.3	57.8	2.6
16	16.8	22.9	19.6	86.2	19.527	17.1	0.0	15.7	15.9	2.4
17	16.2	23.5	19.2	86.0	19.040	16.7	3.5	0.0	3.5	3.6
18	16.5	24.5	19.1	89.4	20.108	17.6	1.4	6.5	7.9	4.2
19	16.7	24.0	18.7	92.0	20.101	17.6	11.5	9.7	21.2	6.8
20	16.0	25.3	19.3	93.2	20.966	18.3	0.0	4.7	4.7	4.3
21	16.0	22.2	18.4	94.6	19.985	17.5	7.2	3.8	11.0	5.7
22	15.6	23.5	19.4	86.4	19.718	17.3	7.4	8.3	15.7	3.0
23	15.2	23.0	19.5	82.6	18.917	16.6	1.0	0.0	1.0	2.4
24	16.4	25.0	17.9	92.0	19.098	16.8	4.0	11.0	15.0	3.0
25	15.7	26.0	18.3	90.9	19.504	17.1	0.0	31.3	31.3	5.6
26	15.5	24.8	19.6	84.7	19.085	16.7	0.0	0.3	0.3	6.9
27	16.6	24.2	19.8	89.4	21.060	18.3	15.8	5.0	20.8	5.5
28	16.5	25.0	18.8	89.5	19.162	16.8	13.1	0.0	13.1	3.2
29	16.8	23.2	20.0	89.9	21.076	18.3	5.4	17.5	22.9	2.9
30	16.5	20.5	19.0	83.5	18.077	15.9	4.4	0.0	4.4	0.5
31	15.8	24.8	19.2	86.8	19.354	16.9	2.6	0.0	2.6	6.5
Prom.	16.4	24.1	19.3	88.1	19.725	17.3	229.8	199.3	429.1	131.9

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.4	24.5	18.9	89.1	19.614	17.2	6.1	6.6	12.7	4.0
2	15.9	23.6	19.9	86.2	20.127	17.6	4.3	0.0	4.3	4.0
3	17.5	26.3	21.2	81.8	20.666	18.0	0.0	0.0	0.0	5.2
4	17.0	26.2	20.8	86.4	21.077	18.3	0.0	0.0	0.0	7.4
5	17.0	25.5	19.2	94.5	21.029	18.3	2.3	1.1	3.4	5.6
6	17.0	23.5	19.2	92.4	20.411	17.8	0.0	5.7	5.7	3.7
7	17.0	22.5	18.8	88.9	19.111	16.8	4.8	0.0	4.8	1.3
8	16.6	24.5	19.0	88.6	19.422	17.0	1.2	0.0	1.2	5.7
9	16.8	24.2	18.5	90.9	19.966	17.4	0.0	0.0	0.0	2.4
10	17.1	24.4	19.3	93.1	21.028	18.3	0.4	0.0	0.4	2.6
11	16.7	24.7	20.3	88.2	20.788	18.1	0.0	5.1	5.1	5.2
12	15.5	21.6	17.9	90.8	18.935	16.6	8.1	3.5	11.6	1.2
13	15.0	23.2	18.6	89.0	19.146	16.8	2.9	0.1	3.0	3.4
14	15.3	23.0	17.9	85.6	18.556	16.1	10.1	6.4	16.5	6.5
15	16.0	24.2	19.9	91.1	21.093	18.3	0.0	0.0	0.0	4.0
16	16.6	24.8	19.6	88.3	20.069	17.5	0.0	0.0	0.0	4.4
17	16.6	24.0	20.0	89.8	21.038	18.3	0.0	0.0	0.0	2.6
18	16.8	23.2	18.9	90.7	20.031	17.5	3.9	6.8	10.7	1.9
19	15.5	23.0	19.3	86.9	19.667	17.2	0.2	0.0	0.2	3.6
20	16.6	22.6	19.3	89.2	19.936	17.4	0.0	0.0	0.0	6.5
21	15.7	25.0	18.2	85.1	18.446	16.2	11.7	0.9	12.6	0.7
22	15.2	22.0	16.9	96.9	18.698	16.4	8.8	0.2	9.0	0.7
23	15.2	24.5	19.8	90.1	20.483	17.8	0.0	0.4	0.4	6.3
24	16.5	23.2	18.8	90.8	19.523	17.1	2.3	0.0	2.3	3.4
25	16.5	25.0	20.1	86.0	20.275	17.7	0.0	0.8	0.8	7.4
26	15.7	25.0	18.9	86.9	19.213	16.8	0.0	1.0	1.0	6.1
27	16.0	22.7	17.5	96.5	19.480	17.1	24.3	1.4	25.7	1.7
28	15.6	24.0	18.9	87.1	19.319	16.9	12.1	0.3	12.4	5.0
29	16.3	22.7	18.7	92.9	20.224	17.7	0.3	0.0	0.3	3.1
30	16.0	24.0	19.4	92.6	20.745	18.0	1.0	6.9	7.9	6.4
Prom.	16.3	23.9	19.1	89.5	19.937	17.4	105.6	63.2	168.8	126.1

Estación **MONTELIBANO**
 Altitud **1.340** metros

Municipio **YACOPI**
 Latitud **5-28 N.**

Año **1.971**
 Longitud **74-22 W.**

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.5	24.0	19.7	91.3	20.847	18.1	0.0	0.8	0.8	5.9
2	15.7	23.5	18.9	86.1	19.428	17.0	42.6	0.0	42.6	5.7
3	16.0	24.3	19.3	84.6	19.172	16.8	9.5	0.0	9.5	3.6
4	16.7	22.3	19.2	86.6	19.392	17.0	0.0	0.0	0.0	4.2
5	16.4	23.4	19.5	82.2	18.638	16.4	4.7	0.3	5.0	2.4
6	17.3	25.5	20.9	83.0	20.236	17.7	0.0	0.0	0.0	7.1
7	17.4	22.3	19.4	86.3	19.816	17.3	17.8	0.0	17.8	0.8
8	15.5	25.4	20.9	82.9	20.586	17.9	0.0	0.0	0.0	9.8
9	17.0	25.5	21.5	73.8	18.809	16.5	0.0	0.0	0.0	7.6
10	18.0	26.0	21.5	67.8	17.548	15.5	0.0	0.0	0.0	4.8
11	16.5	25.0	19.2	84.2	19.525	17.1	24.4	5.7	30.1	7.1
12	16.0	24.5	19.2	84.3	19.083	16.6	7.1	4.3	11.4	4.6
13	16.5	24.6	19.5	86.3	19.585	17.2	3.2	0.6	3.8	4.5
14	16.5	23.5	19.9	76.9	17.834	15.6	0.2	0.0	0.2	2.0
15	15.6	25.5	20.3	67.5	16.144	14.0	0.0	0.0	0.0	6.0
16	15.0	26.5	21.3	60.5	15.072	12.9	0.0	0.0	0.0	11.0
17	15.5	25.5	21.2	70.9	17.999	15.7	0.0	0.0	0.0	10.1
18	15.5	23.5	20.2	89.0	21.020	18.3	1.2	0.2	1.4	8.0
19	17.4	26.8	22.8	67.2	18.645	16.3	0.0	0.0	0.0	10.9
20	17.8	27.0	21.7	56.1	14.387	12.3	0.0	0.0	0.0	5.3
21	19.2	27.0	21.6	60.6	15.382	12.9	0.0	0.0	0.0	4.8
22	17.1	25.3	20.9	81.3	20.256	17.7	0.3	0.0	0.3	5.8
23	17.7	27.2	21.8	63.6	16.504	14.5	0.0	0.0	0.0	7.6
24	16.8	25.0	20.2	82.6	19.673	17.1	1.7	0.3	2.0	5.4
25	17.0	25.0	20.0	88.9	20.753	18.1	12.1	21.9	34.0	8.2
26	16.7	24.5	18.5	93.4	20.062	17.6	2.0	22.4	24.4	6.3
27	15.7	25.0	20.5	81.3	18.943	16.5	0.0	0.0	0.0	8.8
28	17.0	24.4	19.6	88.7	20.474	17.9	0.0	3.7	3.7	5.3
29	15.6	24.5	19.5	90.1	20.555	17.9	0.1	0.0	0.1	7.1
30	17.0	24.0	19.8	92.4	21.216	18.4	0.0	1.2	1.2	5.4
31	17.8	23.0	19.6	86.1	19.720	17.2	0.5	0.0	0.5	5.4
Prom.	16.6	24.8	20.3	79.9	18.945	16.5	127.4	61.4	188.8	191.5

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.4	25.5	20.2	84.3	19.977	17.5	0.0	0.0	0.0	3.3
2	16.5	25.4	20.6	76.2	18.510	16.2	0.0	0.0	0.0	6.8
3	16.0	24.2	19.8	86.5	20.075	17.5	0.0	0.4	0.4	6.3
4	16.5	24.4	19.7	85.1	19.615	17.2	7.3	13.3	20.6	2.3
5	15.9	23.0	17.6	88.2	18.023	15.9	9.6	0.0	9.6	2.5
6	15.4	23.2	18.1	87.7	18.145	15.9	0.0	0.1	0.1	3.4
7	16.0	23.4	19.6	86.4	19.617	17.2	0.0	0.0	0.0	6.2
8	16.0	20.5	17.8	95.6	19.913	17.4	19.8	0.1	19.9	1.1
9	15.2	23.7	19.5	87.7	19.691	17.2	1.9	1.2	3.1	7.8
10	15.9	24.5	18.6	89.9	19.789	17.3	6.5	0.0	6.5	7.2
11	14.9	23.5	19.4	89.8	19.901	17.4	2.7	26.3	29.0	6.4
12	14.9	21.5	18.1	86.7	17.951	15.8	4.2	5.3	9.5	4.8
13	15.0	23.5	18.9	90.4	19.664	17.2	0.5	0.0	0.5	6.6
14	16.6	22.4	18.3	91.8	19.260	16.9	13.9	1.5	15.4	3.2
15	15.9	21.3	17.2	93.5	18.606	16.4	11.9	0.0	11.9	2.4
16	14.5	23.7	18.8	88.8	19.217	16.9	11.4	0.0	11.4	5.8
17	15.4	25.6	19.9	83.1	18.941	16.6	0.0	38.8	38.8	6.3
18	15.4	24.3	19.6	81.7	18.506	16.3	11.2	3.8	15.0	4.7
19	15.6	25.0	18.7	82.7	18.001	15.8	31.5	0.1	31.6	3.9
20	15.9	24.8	18.4	90.6	20.206	17.6	0.0	4.0	4.0	2.8
21	16.7	23.6	18.7	88.5	18.988	16.6	3.0	0.1	3.1	3.4
22	16.5	24.2	20.2	86.6	20.304	17.7	0.2	0.0	0.2	4.1
23	16.5	24.2	20.2	86.5	20.296	17.7	0.5	12.8	13.3	6.2
24	15.7	25.6	18.9	88.6	19.726	17.3	15.9	0.2	16.1	6.3
25	15.0	23.6	19.2	89.5	20.023	17.5	65.7	0.2	65.9	2.6
26	16.7	19.0	18.4	94.2	19.790	17.3	7.4	0.9	8.3	2.7
27	16.3	22.3	18.1	94.0	19.526	17.0	11.4	0.0	11.4	1.6
28	16.5	25.2	20.5	84.7	20.437	17.8	0.0	0.0	0.0	8.6
29	17.4	26.0	21.7	81.3	19.763	17.3	0.0	0.0	0.0	7.6
30	17.0	25.5	21.3	81.1	20.717	18.0	0.0	0.0	0.0	4.6
31	17.0	26.6	20.7	82.5	20.130	17.6	3.2	51.2	54.4	9.0
Prom.	16.0	23.8	19.2	87.2	19.462	17.0	239.7	160.3	400.0	150.5

Estación **MONTE IBANO**
 Altitud **1.340** metros

Municipio **YACOPI**
 Latitud **5-28 N.**

Año **1.971**
 Longitud **74-22 W.**

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.5	22.4	18.4	87.4	18.834	16.5	13.2	0.0	13.2	0.6
2	16.0	23.4	18.2	88.6	18.867	16.5	7.9	0.1	8.0	4.2
3	16.0	23.6	18.9	82.9	18.275	16.0	22.5	0.0	22.5	4.7
4	16.4	22.4	19.3	91.4	20.550	17.9	0.0	14.5	14.5	2.8
5	15.5	22.4	19.1	87.7	19.477	17.0	0.0	0.1	0.1	4.4
6	16.6	22.8	19.3	87.1	19.484	17.1	2.6	4.0	6.6	6.6
7	16.5	23.3	19.6	86.7	19.638	17.2	2.8	52.1	54.9	5.5
8	15.0	23.5	18.7	92.3	19.938	17.4	5.5	6.9	12.4	3.2
9	16.0	23.2	19.0	90.6	19.907	17.4	16.8	6.5	23.3	3.8
10	15.4	22.1	19.5	90.1	20.188	17.6	11.9	0.0	11.9	6.1
11	16.4	24.0	19.3	90.0	20.167	17.6	0.1	0.0	0.1	8.3
12	16.1	25.0	18.6	82.6	18.481	16.2	38.2	1.6	39.8	6.5
13	15.5	24.0	19.2	83.7	18.703	16.4	5.7	0.1	5.8	5.0
14	15.5	23.5	19.6	90.5	20.532	17.9	0.3	0.0	0.3	5.3
15	15.4	24.6	19.6	86.8	19.814	17.3	0.0	2.1	2.1	6.2
16	15.7	24.0	18.8	88.9	19.705	17.2	4.6	35.4	40.0	5.2
17	16.0	26.0	20.0	83.5	19.284	16.9	49.1	2.8	51.9	7.2
18	16.2	26.6	20.3	84.2	20.083	17.6	0.0	0.0	0.0	5.4
19	15.9	22.5	19.4	90.3	20.240	17.7	0.0	0.0	0.0	4.0
20	16.0	24.0	19.0	85.6	19.060	16.7	0.0	25.6	25.6	6.5
21	15.5	24.0	18.8	87.0	18.831	16.6	51.7	2.2	53.9	2.6
22	15.3	25.0	20.0	84.9	19.669	17.2	0.0	0.2	0.2	9.1
23	17.3	25.0	20.8	82.0	20.265	17.7	0.1	0.5	0.6	7.6
24	17.2	25.5	21.5	81.3	20.427	17.8	0.0	0.0	0.0	6.6
25	16.6	24.0	19.4	90.2	20.584	18.0	0.0	0.5	0.5	6.2
26	16.4	24.0	19.6	81.9	18.667	16.3	28.6	0.1	28.7	4.9
27	15.9	24.0	19.8	88.2	20.304	17.7	5.2	0.0	5.2	7.8
28	17.5	25.6	20.7	85.0	20.724	18.1	8.0	4.3	12.3	5.9
29	15.3	25.8	19.8	76.0	17.598	15.4	1.2	2.7	3.9	7.4
30	16.4	26.2	19.8	77.7	18.144	15.9	27.7	24.8	52.5	4.9
Prom.	16.0	24.1	19.5	86.2	19.548	17.1	303.7	187.1	490.8	164.5

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.5	20.5	18.5	90.1	19.154	16.7	3.2	20.9	24.1	0.4
2	16.5	22.4	19.0	91.6	20.122	17.6	1.7	5.6	7.3	0.6
3	16.5	21.1	18.6	93.0	20.094	17.6	2.2	8.0	10.2	1.3
4	15.5	24.5	18.8	87.6	19.036	16.7	9.6	14.3	23.9	3.3
5	15.5	23.5	18.4	87.2	18.765	16.5	22.1	25.5	47.6	6.7
6	15.6	21.0	17.8	87.0	17.672	15.5	22.9	18.0	40.9	6.2
7	15.5	23.0	18.9	89.8	19.451	17.1	0.6	0.1	0.7	7.1
8	16.9	24.5	20.3	84.2	19.978	17.4	0.0	5.3	5.3	7.7
9	16.0	24.0	20.4	83.5	20.448	17.8	24.5	14.7	39.2	8.5
10	17.0	22.0	18.8	92.6	20.364	17.8	4.8	17.7	22.5	4.8
11	16.0	22.4	18.8	92.3	20.055	17.5	0.3	8.9	9.2	2.8
12	15.7	22.5	19.7	87.4	20.120	17.6	0.0	0.3	0.3	6.0
13	15.6	25.4	20.1	85.5	20.350	17.7	0.0	0.0	0.0	8.6
14	17.5	24.4	20.1	84.0	19.925	17.4	0.0	0.0	0.0	6.3
15	17.0	24.4	19.8	87.3	20.074	17.5	0.0	1.8	1.8	5.7
16	16.8	24.0	18.7	89.6	19.502	17.1	0.0	30.3	30.3	4.1
17	15.5	22.0	18.7	88.6	18.879	16.6	0.5	17.0	17.5	3.6
18	15.6	25.0	19.1	84.2	18.495	16.3	0.1	70.9	71.0	6.5
19	16.4	25.6	20.1	82.7	19.279	16.9	0.2	6.8	7.0	5.3
20	15.9	25.0	20.4	85.6	20.627	17.9	29.9	6.1	36.0	7.3
21	15.0	22.5	19.0	86.1	18.736	16.5	0.0	3.7	3.7	6.4
22	16.0	22.0	18.8	88.4	19.128	16.8	0.0	0.0	0.0	5.7
23	16.8	23.5	19.6	86.6	19.716	17.3	0.0	25.7	25.7	8.2
24	15.4	23.6	19.3	86.8	19.272	16.9	0.0	0.0	0.0	7.1
25	15.0	23.3	19.3	86.6	18.973	16.6	0.2	0.0	0.2	6.2
26	16.0	23.4	19.1	87.3	19.446	17.0	0.0	7.5	7.5	6.3
27	16.2	24.0	19.1	91.2	20.160	17.6	0.6	4.6	5.2	3.8
28	14.8	22.6	18.5	90.1	19.039	16.7	0.0	72.0	72.0	6.0
29	17.0	23.0	19.6	90.6	20.856	18.2	0.0	18.6	18.6	3.3
30	16.3	25.6	19.0	85.6	19.119	16.8	1.9	12.1	14.0	4.4
31	16.2	21.0	18.2	88.6	18.356	16.1	2.3	9.8	12.1	3.7
Prom.	16.0	23.3	19.2	87.8	19.522	17.1	127.6	426.2	553.8	163.9

Estación **MONTEL IBANO**
 Altitud **1.340** metros

Municipio **YACOPI**
 Latitud **5-28 N.**

Año **1.971**
 Longitud **74-22 W.**

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	21.4	19.0	91.2	20.236	17.7	0.0	0.0	0.0	0.2
2	16.6	21.3	19.2	90.3	19.972	17.5	1.1	0.4	1.5	3.3
3	16.4	24.7	19.3	89.1	19.874	17.4	0.0	14.7	14.7	4.6
4	16.0	23.9	19.3	88.6	19.827	17.3	2.4	2.3	4.7	4.1
5	16.9	23.0	19.2	90.1	20.301	17.8	19.4	9.4	28.8	4.7
6	16.9	23.5	19.6	89.2	20.306	17.7	4.7	0.0	4.7	4.0
7	16.9	24.0	19.4	89.7	20.552	17.9	8.8	1.6	10.4	5.4
8	15.6	24.0	18.7	89.7	19.670	17.2	1.6	37.3	38.9	6.3
9	16.2	23.5	19.3	91.1	20.313	17.8	2.3	0.0	2.3	1.5
10	17.0	22.0	19.2	94.5	21.009	18.3	0.5	0.0	0.5	3.1
11	16.3	23.6	19.7	86.3	19.651	17.2	0.0	0.0	0.0	5.4
12	17.0	22.5	19.6	87.0	19.873	17.4	0.0	28.1	28.1	8.2
13	17.1	23.5	19.8	85.9	19.705	17.3	0.0	0.0	0.0	5.6
14	17.5	22.0	18.6	83.7	18.153	15.9	10.0	0.0	10.0	3.3
15	16.0	23.5	19.2	89.4	19.771	17.3	0.0	0.0	0.0	4.8
16	17.5	24.2	20.3	87.3	20.766	18.1	0.0	2.3	2.3	5.2
17	16.3	23.4	18.8	88.6	19.415	17.0	11.7	0.0	11.7	4.8
18	15.0	23.0	19.2	78.1	17.240	15.2	0.0	25.0	25.0	9.1
19	16.0	22.6	18.5	89.0	18.978	16.7	5.0	5.0	10.0	3.8
20	15.4	23.0	18.8	88.1	18.922	16.6	0.0	15.9	15.9	4.1
21	16.0	22.0	18.6	89.4	19.058	16.7	5.0	0.7	5.7	4.2
22	16.0	22.6	18.6	87.0	18.495	16.2	0.0	0.0	0.0	6.9
23	16.5	23.5	19.5	85.5	19.375	17.0	0.0	0.6	0.6	6.5
24	15.5	22.0	18.9	88.1	19.171	16.8	1.2	2.0	3.2	4.6
25	16.0	23.5	19.4	87.8	19.496	17.0	0.0	1.2	1.2	4.5
26	16.0	22.5	19.1	86.0	18.763	16.5	0.0	0.0	0.0	7.3
27	15.4	22.2	19.1	89.8	19.847	17.4	2.4	0.6	3.0	4.9
28	16.6	22.6	17.9	90.6	18.918	16.6	0.5	0.0	0.5	1.6
29	15.5	24.0	19.0	93.8	20.756	18.1	1.1	6.8	7.9	4.2
30	15.8	25.0	19.9	88.1	20.455	17.8	0.2	3.0	3.2	8.3
Prom.	16.3	23.1	19.2	88.4	19.629	17.2	77.9	156.9	234.8	144.5

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tension vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	24.0	19.3	89.2	19.872	17.4	0.0	0.0	0.0	5.2
2	17.2	23.3	19.9	89.8	20.791	18.1	0.0	0.0	0.0	6.3
3	17.0	23.0	19.2	91.5	20.222	17.7	0.0	0.0	0.0	6.9
4	16.8	22.5	18.7	88.4	19.314	17.0	26.1	1.1	27.2	6.1
5	15.7	23.6	19.8	85.7	19.672	17.2	0.0	0.0	0.0	6.9
6	17.4	25.5	19.1	86.8	19.259	16.9	13.6	16.4	30.0	6.1
7	16.0	23.5	19.3	91.1	20.420	17.8	3.1	0.0	3.1	6.2
8	16.1	23.4	20.1	90.5	21.305	18.5	0.0	0.0	0.0	5.4
9	16.9	24.5	20.0	92.1	21.358	18.5	0.0	0.0	0.0	4.9
10	16.2	23.5	18.5	86.5	19.155	16.8	0.0	19.9	19.9	5.1
11	16.2	23.7	20.1	90.7	21.275	18.5	0.0	0.5	0.5	6.5
12	16.5	22.2	19.1	91.2	20.062	17.6	0.0	16.9	16.9	4.2
13	16.8	25.0	19.2	92.5	20.769	18.1	29.0	3.3	32.3	5.7
14	15.9	24.6	19.8	90.1	20.656	18.0	6.9	0.0	6.9	6.9
15	17.5	25.8	21.3	86.3	21.779	18.8	0.0	0.0	0.0	6.4
16	18.3	23.0	19.8	92.2	21.450	18.6	0.0	0.0	0.0	7.5
17	17.0	25.0	18.9	92.0	20.038	17.5	0.6	9.6	10.2	2.2
18	16.0	23.0	19.0	85.8	18.728	16.4	0.0	0.0	0.0	3.9
19	16.6	22.5	19.0	90.4	19.884	17.4	0.0	0.0	0.0	8.3
20	16.0	23.2	18.8	93.1	19.909	17.4	0.0	24.2	24.2	5.6
21	16.0	19.6	18.3	89.3	18.531	16.3	7.1	2.3	9.4	0.0
22	16.0	21.7	18.5	89.1	19.083	16.7	0.0	5.5	5.5	5.7
23	14.9	19.9	17.3	91.1	17.823	15.7	3.3	0.0	3.3	1.7
24	15.0	22.0	18.6	87.6	18.693	16.4	0.5	0.7	1.2	8.0
25	16.4	25.0	18.7	90.2	19.556	17.1	0.7	0.0	0.7	3.2
26	16.0	22.0	19.0	90.1	19.748	17.3	0.0	0.0	0.0	3.6
27	16.0	21.5	18.8	93.4	20.117	17.6	0.7	0.3	1.0	3.8
28	15.5	25.0	18.7	92.4	19.900	17.4	0.4	11.7	12.1	2.9
29	15.5	22.4	18.5	89.2	19.047	16.7	3.4	6.7	10.1	3.3
30	15.0	23.5	19.3	91.9	20.468	17.8	0.0	0.0	0.0	5.2
31	16.9	23.5	19.4	92.9	20.952	18.2	0.0	11.0	11.0	4.6
Prom.	16.3	23.3	19.2	90.1	19.995	17.5	95.4	130.1	225.5	153.3

Estación **MONTELIBANO**Municipio **YACOPI**Año **1.971**Altitud **1.340** MetrosLatitud **5-28 N.**Longitud **74-22 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	16.5	22.9	19.2	14.2	25.3	89.2	19.794	17.3	247.2	24	103.9
FEBRERO	16.3	22.9	19.1	15.0	25.4	88.2	19.463	17.0	130.4	22	118.5
MARZO	16.5	23.3	19.1	15.5	25.0	88.5	19.563	17.1	231.6	24	94.6
ABRIL	16.2	23.8	19.4	13.6	26.5	86.0	19.309	16.9	260.3	24	128.8
MAYO	16.4	24.1	19.3	15.2	26.1	88.1	19.725	17.3	429.1	31	131.9
JUNIO	16.3	23.9	19.1	15.0	26.3	89.5	19.937	17.4	168.8	23	126.1
JULIO	16.6	24.8	20.3	15.0	27.2	79.9	18.945	16.5	188.8	18	191.5
AGOSTO	16.0	23.8	19.2	14.5	26.6	87.2	19.462	17.0	400.0	25	150.5
SEPTIEMBRE	16.0	24.1	19.5	15.0	26.6	86.2	19.548	17.1	490.8	27	164.5
OCTUBRE	16.0	23.3	19.2	14.8	25.6	87.8	19.522	17.1	553.8	27	163.9
NOVIEMBRE	16.3	23.1	19.2	15.0	25.0	88.4	19.629	17.2	234.8	24	144.5
DICIEMBRE	16.3	23.3	19.2	14.9	25.8	90.1	19.995	17.5	225.5	19	158.3
PROMEDIO	16.3	23.6	19.3	14.8	26.0	4.1	19.574	17.1			
TOTAL									3561.1	288	1677.0

Estación **MESITAS DE SANTA INES**Municipio **CACHIPAY**Año **1.971**Altitud **1.250** metrosLatitud **4-40 N.**Longitud **74-28 W.****M E S - ENERO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.9	24.0	19.0	84.0	18.227	15.9	0.0	0.0	0.0	4.6
2	15.5	27.5	21.1	80.8	19.760	17.1	0.0	0.0	0.0	3.4
3	15.9	25.8	21.1	79.9	19.801	16.9	0.0	0.8	0.8	3.5
4	16.0	23.5	19.4	90.5	20.803	18.1	0.3	0.0	0.3	0.1
5	16.0	24.5	19.2	91.7	20.604	18.0	13.2	0.0	13.2	1.2
6	15.8	24.7	19.4	93.3	21.051	18.3	2.4	0.0	2.4	4.1
7	16.8	21.5	18.2	100.0	20.989	18.3	32.9	0.0	32.9	0.2
8	16.2	22.5	18.7	97.2	20.903	18.2	8.4	0.8	9.2	0.9
9	17.3	22.0	19.4	93.2	21.168	18.4	0.0	0.0	0.0	0.2
10	16.0	22.0	18.4	98.6	21.450	18.6	0.0	0.0	0.0	4.3
11	14.3	24.3	18.9	91.1	20.377	17.8	2.5	0.0	2.5	0.0
12	13.9	24.0	18.9	92.0	20.333	17.7	0.0	0.0	0.0	5.4
13	14.8	23.0	18.9	91.4	19.981	17.5	0.0	0.0	0.0	3.6
14	14.8	26.0	19.1	91.1	20.297	17.7	20.8	0.1	20.9	4.4
15	14.3	24.2	18.8	90.5	19.638	17.2	2.2	1.2	3.4	5.1
16	16.0	25.0	19.6	86.9	19.809	17.3	1.3	0.0	1.3	4.1
17	13.9	27.0	19.6	86.7	19.294	16.8	0.0	0.0	0.0	6.3
18	15.9	22.8	18.9	87.1	19.062	16.7	0.7	0.0	0.7	2.2
19	15.6	22.0	18.2	96.3	20.173	17.6	22.3	10.5	32.8	2.3
20	15.4	21.9	18.5	95.7	20.385	17.8	0.1	0.3	0.4	1.1
21	14.9	22.2	18.7	95.0	20.314	17.7	0.2	0.0	0.2	2.3
22	15.4	23.3	19.0	95.1	21.214	18.4	0.0	0.0	0.0	3.2
23	15.5	27.0	19.7	90.2	21.003	18.2	0.0	1.4	1.4	8.7
24	17.3	25.5	20.7	86.7	21.082	18.2	0.0	1.2	1.2	6.2
25	15.9	24.0	19.4	88.1	19.822	17.3	0.0	17.0	17.0	2.8
26	14.3	22.0	18.6	88.4	18.926	16.6	0.4	0.0	0.4	2.9
27	15.3	21.9	19.0	94.9	20.877	18.2	6.7	0.0	6.7	0.1
28	16.3	21.0	17.8	97.2	20.214	17.7	3.4	0.0	3.4	1.1
29	14.8	23.9	19.7	94.9	22.155	19.1	4.1	0.1	4.2	2.0
30	16.0	26.0	19.7	93.8	22.311	19.2	0.0	0.0	0.0	8.3
31	15.3	24.5	19.0	86.5	18.989	16.6	0.0	0.0	0.0	4.7
Prom.	15.5	23.9	19.2	91.3	20.355	17.7	121.9	33.4	155.3	99.3

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.5	25.7	18.3	90.7	19.418	17.0	21.7	0.2	21.9	1.3
2	15.9	22.5	19.8	95.2	21.703	18.8	0.0	19.6	19.6	0.2
3	15.6	22.0	18.6	96.5	20.863	18.2	1.5	0.0	1.5	1.0
4	14.0	25.0	19.1	90.2	19.947	17.4	1.5	0.0	1.5	4.3
5	16.5	23.0	19.8	96.8	22.548	19.4	0.6	0.0	0.6	0.6
6	15.5	24.0	19.8	90.9	20.861	18.2	13.8	1.8	15.6	4.3
7	16.9	26.0	20.8	88.9	21.630	18.7	0.1	5.4	5.5	6.1
8	13.8	26.0	20.9	83.2	19.982	17.5	0.0	0.0	0.0	7.7
9	15.3	26.5	20.1	87.5	20.225	17.6	0.0	0.0	0.0	4.1
10	13.0	26.0	19.5	86.1	19.015	16.6	0.0	0.0	0.0	7.3
11	12.8	26.5	19.8	77.7	17.016	14.9	0.0	0.0	0.0	5.3
12	14.9	24.0	19.2	88.9	19.838	17.4	0.4	0.1	0.5	4.3
13	15.8	25.5	19.7	83.6	18.769	16.5	0.0	0.4	0.4	3.8
14	16.8	24.0	19.4	89.9	20.237	17.7	0.0	0.0	0.0	2.0
15	14.9	24.6	19.1	88.5	19.506	17.1	0.0	0.0	0.0	2.5
16	13.8	24.5	19.7	87.4	19.848	17.3	0.0	0.0	0.0	2.6
17	16.1	22.0	18.6	95.1	20.562	17.9	0.6	0.0	0.6	1.7
18	16.7	22.0	18.9	95.6	20.949	18.2	19.6	0.5	20.1	1.0
19	16.8	21.0	18.3	95.3	20.160	17.6	7.1	0.0	7.1	0.0
20	16.0	23.9	19.1	91.7	20.613	18.0	2.4	0.0	2.4	2.9
21	15.6	22.0	18.2	96.5	20.324	17.8	2.6	0.0	2.6	0.5
22	16.0	20.6	18.5	97.7	20.971	18.3	1.0	0.0	1.0	9.7
23	14.0	22.5	18.0	93.1	19.547	17.1	0.0	0.0	0.0	1.5
24	12.8	26.0	20.5	81.6	19.048	16.7	0.0	0.0	0.0	10.3
25	13.0	27.0	20.1	81.5	18.567	16.2	0.0	4.3	4.3	7.9
26	16.3	26.0	20.9	89.6	22.343	19.2	0.0	0.0	0.0	2.4
27	14.1	28.2	20.6	73.5	16.595	14.3	1.8	0.4	2.2	1.8
28	16.2	25.0	19.6	92.2	21.185	18.4	0.3	0.0	0.3	4.8
Prom.	15.2	24.4	19.5	89.5	20.081	17.5	75.0	32.7	107.7	101.9

Estación MESITAS DE SANTA INES

Municipio CACHIPAY

Año 1.971

Altitud 1.250 metros

Latitud 4-40 N.

Longitud 74-28 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.6	25.0	19.3	93.4	20.836	18.1	0.0	0.0	0.0	1.0
2	16.3	26.0	19.2	98.9	22.368	19.2	3.9	0.0	3.9	3.8
3	14.8	24.0	19.3	89.6	19.759	17.2	2.7	3.4	6.1	2.8
4	14.8	24.0	19.5	90.2	20.167	17.6	0.0	0.0	0.0	1.6
5	16.8	24.5	19.9	90.2	21.044	18.3	0.0	0.0	0.0	1.8
6	15.8	25.5	20.1	88.4	20.896	18.2	0.0	0.0	0.0	0.7
7	14.9	25.0	19.5	85.2	18.958	16.6	0.0	1.0	1.0	3.7
8	15.9	22.6	18.8	95.3	20.796	18.1	4.4	0.0	4.4	3.0
9	13.5	24.0	18.4	88.0	18.567	16.3	0.0	0.0	0.0	3.0
10	14.5	24.9	19.8	90.4	20.891	18.2	0.3	0.0	0.3	0.0
11	14.8	26.3	20.5	88.3	21.240	18.5	3.0	4.0	7.0	0.0
12	16.8	23.9	19.8	95.6	22.546	19.4	0.0	0.0	0.0	6.1
13	15.8	26.0	20.8	83.9	20.277	17.6	0.0	2.4	2.4	8.9
14	15.9	26.5	21.0	87.4	21.518	18.6	0.2	0.0	0.2	0.6
15	17.1	20.5	18.5	99.1	21.328	18.5	0.0	0.0	0.0	0.0
16	15.9	23.0	19.6	89.0	20.167	17.6	4.1	0.5	4.6	0.0
17	15.9	23.0	19.5	89.8	20.242	17.7	0.5	2.4	2.9	0.6
18	16.0	22.0	19.1	99.2	22.175	19.1	5.4	0.1	5.5	0.0
19	15.6	22.5	18.9	91.6	20.042	17.5	4.6	0.0	4.6	0.0
20	15.6	20.0	17.9	95.2	19.589	17.2	4.4	0.5	4.9	0.0
21	15.0	23.0	19.3	90.2	20.232	17.6	2.2	0.0	2.2	2.0
22	14.6	27.0	20.1	86.7	19.985	17.4	0.3	1.7	2.0	6.3
23	14.9	26.0	20.0	87.4	20.151	17.6	16.4	0.0	16.4	5.8
24	17.0	26.5	20.7	85.3	20.651	17.9	9.3	0.7	10.0	3.2
25	17.4	25.5	20.4	86.9	20.662	18.0	4.6	0.1	4.7	2.7
26	17.3	23.0	19.4	88.2	19.768	17.2	1.5	0.0	1.5	1.8
27	16.5	27.0	20.8	93.5	23.123	19.7	5.0	24.5	29.5	6.9
28	15.8	24.0	19.8	86.8	19.915	17.4	11.3	1.5	12.8	3.0
29	17.7	22.5	20.0	93.3	21.569	18.7	24.2	24.1	48.3	0.2
30	16.2	23.2	20.6	88.7	21.240	18.4	0.0	30.9	30.9	0.1
31	15.8	22.5	19.3	94.3	20.976	18.2	2.0	7.4	9.4	0.5
Prom.	15.8	24.2	19.7	90.6	20.699	18.0	110.3	105.2	215.5	70.7

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	23.3	19.0	92.6	20.291	17.7	6.9	0.9	7.8	1.0
2	14.7	22.7	18.9	88.9	19.180	16.7	0.8	17.2	18.0	1.0
3	15.3	23.0	19.1	85.3	19.057	16.7	1.4	1.2	2.6	0.3
4	15.5	25.2	20.2	88.7	20.868	18.2	0.0	0.0	0.0	3.1
5	16.6	26.0	21.1	82.1	20.063	17.6	0.0	0.0	0.0	7.2
6	17.3	25.0	19.4	80.8	18.700	16.3	0.5	0.0	0.5	4.0
7	14.7	25.0	19.8	87.7	20.071	17.5	23.0	0.0	23.0	4.0
8	16.1	25.0	19.8	91.2	21.422	18.6	3.6	0.0	3.6	3.7
9	16.5	25.0	20.8	82.3	19.765	17.3	0.1	0.0	0.1	4.3
10	13.0	24.0	19.1	90.3	20.077	17.5	11.6	0.0	11.6	3.5
11	14.5	26.5	20.1	83.7	19.650	17.1	0.0	0.0	0.0	7.8
12	15.8	26.0	19.9	85.4	19.951	17.5	3.2	0.0	3.2	4.0
13	16.0	23.0	19.4	95.7	21.928	18.9	11.4	0.0	11.4	0.9
14	15.9	24.9	20.1	90.4	21.217	18.4	0.0	0.3	0.3	2.0
15	16.8	26.5	20.6	88.4	21.444	18.6	1.3	0.0	1.3	3.3
16	15.5	27.0	21.9	78.8	20.205	17.6	0.0	0.3	0.3	6.5
17	15.5	23.5	18.5	93.6	19.836	17.4	5.9	15.5	21.4	3.3
18	16.3	23.5	18.9	88.0	19.344	17.0	0.8	0.0	0.8	0.0
19	16.0	23.0	19.1	89.1	19.872	17.4	2.1	0.0	2.1	2.6
20	14.9	24.5	20.1	85.5	19.962	17.5	7.3	0.5	7.8	0.0
21	17.5	23.5	19.7	95.4	21.713	18.8	11.7	17.4	29.1	1.4
22	16.9	26.0	19.6	84.4	19.206	16.9	0.0	5.2	5.2	3.0
23	16.5	23.5	19.8	85.6	19.826	17.4	0.0	0.7	0.7	1.4
24	15.3	25.9	20.1	75.2	17.710	15.5	0.0	0.0	0.0	3.3
25	15.6	26.4	19.5	77.2	17.580	15.4	0.0	0.0	0.0	3.8
26	15.5	28.0	20.7	70.2	16.522	14.5	0.0	4.8	4.8	9.8
27	16.6	27.5	21.6	78.5	20.042	17.5	0.0	7.1	7.1	6.6
28	15.3	23.0	19.8	86.8	19.899	17.4	0.6	0.0	0.6	0.6
29	15.6	25.1	19.8	79.5	18.181	16.0	0.0	0.0	0.0	6.0
30	14.9	26.0	20.8	83.2	20.318	17.7	0.0	0.0	0.0	4.7
Prom.	15.8	24.9	19.9	85.5	19.797	17.3	92.2	71.1	163.3	103.1

Estación MESITAS DE SANTA INES

Municipio CACHIPAY

Año 1.971

Altitud 1.250 metros

Latitud 4-40 N.

Longitud 74-28 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	22.5	19.5	92.0	20.758	18.1	5.0	4.5	9.5	1.2
2	15.9	23.0	19.1	95.0	21.012	18.2	0.0	0.0	0.0	2.1
3	15.9	23.0	19.2	89.0	19.559	17.1	7.1	0.0	7.1	1.3
4	16.9	25.3	19.8	87.8	20.214	17.7	0.7	0.0	0.7	2.8
5	15.5	24.0	20.4	87.3	21.047	18.3	0.0	1.5	1.5	1.6
6	16.3	20.5	17.5	86.0	17.359	15.3	14.3	0.0	14.3	1.1
7	14.7	27.5	20.9	74.6	18.210	16.0	0.5	14.4	14.9	9.7
8	15.9	24.5	20.0	85.5	20.166	17.6	0.0	0.6	0.6	2.7
9	17.3	25.0	19.8	83.6	19.581	17.1	0.0	0.3	0.3	3.5
10	17.3	24.0	19.6	87.2	19.941	17.5	1.4	1.2	2.6	2.2
11	17.6	24.5	20.1	85.4	20.121	17.6	0.4	0.0	0.4	1.4
12	16.3	26.0	20.4	82.1	19.483	17.1	0.2	0.1	0.3	5.1
13	17.3	25.3	19.9	85.2	19.839	17.4	0.0	1.6	1.6	6.0
14	16.5	21.0	18.6	94.0	20.252	17.7	0.2	0.0	0.2	0.1
15	15.9	24.5	19.8	86.5	19.592	17.2	0.0	0.0	0.0	1.9
16	17.3	23.5	19.1	86.8	19.400	17.0	7.8	0.8	8.6	0.6
17	16.3	22.4	19.2	88.3	19.590	17.2	1.5	0.8	2.3	0.5
18	17.7	25.0	19.9	88.1	20.342	18.2	0.1	35.3	35.4	4.0
19	16.3	26.5	20.6	82.0	19.614	17.2	12.1	19.1	31.2	6.1
20	15.9	24.5	20.3	80.1	18.643	16.3	0.7	0.0	0.7	3.8
21	16.8	26.0	19.8	83.7	19.095	16.8	0.0	1.3	1.3	5.8
22	16.9	25.0	19.7	86.2	19.821	17.3	0.8	0.0	0.8	1.6
23	17.0	23.0	18.6	88.8	19.066	16.8	26.3	0.0	26.3	1.9
24	13.9	25.0	20.1	84.3	19.574	17.1	0.4	0.3	0.7	6.1
25	17.3	25.0	20.7	87.5	21.064	18.3	0.0	0.4	0.4	4.3
26	17.3	24.5	20.4	90.6	21.894	18.9	0.0	0.0	0.0	6.1
27	14.5	24.9	20.1	87.2	19.978	17.4	0.0	13.6	13.6	1.3
28	13.6	25.0	20.4	85.2	20.242	17.7	0.0	2.9	2.9	5.3
29	17.5	25.0	20.2	83.9	19.707	17.3	0.1	12.1	12.2	4.1
30	17.3	22.0	19.4	90.9	20.544	17.9	3.4	0.0	3.4	0.4
31	15.8	25.9	20.8	79.9	19.302	16.9	0.0	0.0	0.0	5.6
Prom.	16.3	24.3	19.8	86.3	19.855	17.4	83.0	110.8	193.8	100.2

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	25.4	20.9	84.1	21.032	18.3	0.0	0.0	0.0	8.0
2	17.6	24.2	19.8	83.6	19.527	17.1	0.3	0.0	0.3	2.5
3	15.0	25.0	20.3	82.9	19.672	17.2	0.7	0.0	0.7	3.1
4	16.0	27.5	20.8	78.6	18.928	16.6	3.5	0.2	3.7	9.5
5	17.0	26.0	20.1	76.7	17.825	15.7	5.0	0.0	5.0	5.3
6	17.5	24.9	19.7	83.3	19.028	16.7	0.0	0.0	0.0	3.7
7	16.9	22.5	19.2	98.2	22.010	19.0	4.5	0.0	4.5	0.8
8	14.9	25.0	19.4	80.8	18.227	16.0	0.0	0.0	0.0	5.6
9	14.9	24.0	19.0	89.3	19.539	17.1	0.3	0.0	0.3	1.3
10	16.2	25.0	20.2	81.4	19.363	17.0	0.0	0.0	0.0	3.8
11	14.0	25.0	20.2	81.9	19.060	16.7	0.0	0.0	0.0	8.7
12	15.5	21.0	17.3	100.0	19.706	17.3	7.7	0.1	7.8	0.3
13	14.4	24.0	18.6	89.9	19.142	16.8	0.3	0.0	0.3	3.3
14	14.1	23.6	19.0	88.5	19.550	17.1	0.3	0.0	0.3	4.1
15	15.0	22.5	18.7	84.4	18.235	16.0	0.0	0.0	0.0	0.7
16	14.6	25.5	21.1	80.7	20.374	17.7	0.0	0.0	0.0	5.8
17	15.3	25.0	19.6	81.0	18.687	16.4	0.0	0.0	0.0	5.0
18	15.0	23.5	20.2	84.6	19.717	17.3	0.0	0.0	0.0	0.9
19	16.8	23.9	19.1	81.8	18.148	15.9	0.0	0.0	0.0	3.0
20	14.0	25.8	19.1	82.2	17.995	15.8	0.0	0.0	0.0	7.1
21	15.4	25.5	20.5	88.3	21.208	18.4	0.0	0.0	0.0	6.1
22	16.5	23.0	18.7	84.2	18.035	15.8	7.0	0.2	7.2	0.7
23	13.9	26.0	19.8	77.6	17.570	15.5	0.0	0.0	0.0	5.8
24	16.3	25.0	19.1	77.7	17.420	15.2	0.2	0.0	0.2	6.4
25	14.7	27.0	20.6	66.0	15.619	13.6	0.0	0.0	0.0	10.2
26	17.5	24.9	19.8	85.8	19.576	17.1	0.5	0.0	0.5	4.1
27	16.3	26.0	19.6	84.0	19.162	16.8	3.5	0.3	3.8	4.7
28	14.5	25.0	20.9	75.4	18.190	16.0	0.0	0.2	0.2	4.8
29	17.1	23.0	19.4	84.7	19.032	16.7	0.2	0.0	0.2	2.5
30	16.5	26.0	20.7	85.5	20.596	17.9	0.0	0.2	0.2	8.0
Prom.	15.7	24.7	19.7	83.4	19.072	16.7	34.0	1.4	35.4	135.8

Estación MESITAS DE SANTA INES

Municipio CACHIPAY

Año 1.971

Altitud 1.250 metros

Latitud 4-40 N.

Longitud 74-28 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	24.9	19.4	82.1	18.560	16.3	0.0	0.2	0.2	2.4
2	15.6	25.0	19.8	83.8	19.449	17.1	2.3	0.2	2.5	3.8
3	16.5	25.0	20.6	77.3	18.255	16.0	0.0	0.2	0.2	4.1
4	16.2	21.0	17.8	98.8	20.178	17.6	2.6	0.9	3.5	0.5
5	15.6	26.5	19.9	78.0	18.073	15.8	0.0	0.0	0.0	7.7
6	15.0	26.3	20.5	79.3	18.559	16.3	0.0	0.0	0.0	7.3
7	17.0	24.5	19.9	86.0	20.053	17.6	0.2	0.0	0.2	0.6
8	15.0	27.0	21.1	70.3	16.598	14.6	0.0	1.4	1.4	10.3
9	17.1	26.0	19.7	82.9	18.868	16.5	0.0	0.4	0.4	7.2
10	17.0	24.0	20.4	93.5	22.474	19.3	0.0	0.0	0.0	3.4
11	14.5	27.3	20.3	81.1	18.455	16.1	0.0	1.1	1.1	5.9
12	17.1	26.0	20.9	80.4	19.375	16.6	0.0	1.8	1.8	2.3
13	17.0	24.9	19.8	76.7	17.594	15.4	0.0	9.5	9.5	6.2
14	16.9	21.9	19.0	89.7	19.633	17.2	0.7	0.0	0.7	0.2
15	17.0	23.0	19.4	81.3	18.109	15.9	0.7	0.0	0.7	1.1
16	13.3	25.5	19.3	64.1	13.370	11.2	0.0	0.0	0.0	4.9
17	14.5	25.5	18.7	81.4	16.984	14.8	0.0	0.0	0.0	7.0
18	14.0	26.5	20.0	74.0	16.444	14.4	0.0	0.0	0.0	7.6
19	17.5	27.5	20.7	65.9	16.039	13.8	0.0	0.0	0.0	8.1
20	16.3	25.9	20.3	78.3	18.673	16.4	0.0	0.0	0.0	3.1
21	15.8	26.5	20.8	75.3	18.380	16.0	1.7	0.0	1.7	3.0
22	17.0	26.5	20.2	75.3	17.850	15.6	0.0	1.5	1.5	6.8
23	14.5	27.0	21.3	70.2	17.071	15.0	0.2	1.6	1.8	5.7
24	15.8	25.5	19.8	78.5	17.816	15.7	0.0	0.0	0.0	3.5
25	14.7	26.0	19.8	83.3	18.793	16.5	0.0	0.0	0.0	7.1
26	15.9	25.5	20.5	85.4	20.343	17.7	10.5	0.0	10.5	3.2
27	16.1	26.0	20.2	72.0	16.489	14.4	0.0	0.0	0.0	5.6
28	15.1	24.6	20.5	75.0	17.814	15.6	0.0	0.0	0.0	0.6
29	14.0	26.3	20.8	77.3	19.282	16.9	0.0	2.1	2.1	6.9
30	16.1	25.5	20.5	79.6	19.244	16.9	0.0	0.0	0.0	6.0
31	15.5	23.0	19.0	83.4	18.104	15.9	0.0	0.0	0.0	3.2
Prom.	15.8	25.4	20.0	79.4	18.288	16.0	18.9	20.9	39.8	145.3

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.5	24.0	20.1	84.2	19.374	16.9	0.0	0.0	0.0	1.5
2	15.5	25.0	19.7	80.1	17.844	15.6	0.0	0.0	0.0	4.5
3	14.6	26.0	20.0	81.7	18.531	16.2	0.0	2.2	2.2	7.0
4	15.9	23.0	19.8	83.3	18.779	16.4	0.0	0.0	0.0	2.1
5	16.5	22.0	18.0	83.8	17.231	15.1	2.0	6.0	8.0	2.0
6	12.5	23.0	18.0	81.9	16.885	14.7	0.0	0.0	0.0	1.6
7	14.0	25.5	19.8	80.5	18.232	16.0	0.1	0.0	0.1	4.7
8	12.9	21.4	16.6	86.4	16.626	14.6	7.2	0.0	7.2	1.6
9	10.9	25.0	20.0	74.7	16.639	14.6	0.1	0.0	0.1	6.9
10	15.0	25.0	20.5	80.6	19.097	16.7	0.2	0.0	0.2	3.7
11	14.9	25.5	20.5	75.6	17.663	15.5	0.0	0.0	0.0	6.4
12	14.9	21.0	17.9	89.9	18.358	16.1	1.0	0.1	1.1	1.5
13	11.7	23.0	19.2	79.1	16.990	14.9	0.0	0.0	0.0	7.6
14	13.0	21.4	17.5	91.8	18.352	16.1	0.2	0.0	0.2	0.5
15	12.9	21.0	18.0	88.6	18.094	15.9	19.8	0.0	19.8	1.8
16	12.9	24.0	19.3	84.0	18.258	15.9	0.0	0.0	0.0	5.9
17	13.5	23.6	19.0	83.3	17.962	15.8	0.0	0.1	0.1	5.5
18	14.9	24.0	18.6	83.9	17.762	15.6	0.0	0.0	0.0	4.4
19	14.6	22.0	18.0	92.3	19.029	16.7	4.1	0.1	4.2	2.1
20	14.1	23.0	18.9	88.3	19.005	16.6	4.2	0.0	4.2	2.6
21	14.8	25.0	19.0	83.0	18.104	15.9	0.0	0.0	0.0	3.2
22	15.1	23.0	18.0	91.8	18.884	16.6	5.3	0.0	5.3	5.1
23	13.5	26.0	20.3	78.5	18.325	16.1	0.0	0.8	0.8	6.8
24	14.8	23.3	18.6	89.1	19.167	16.8	1.0	0.1	1.1	4.0
25	13.6	26.0	19.6	84.7	18.859	16.4	0.0	3.3	3.3	8.0
26	15.0	22.0	18.2	85.7	17.878	15.7	5.5	12.7	18.2	0.3
27	15.0	22.6	18.8	76.4	16.386	14.3	0.0	0.0	0.0	0.0
28	14.3	27.5	20.5	73.8	16.938	14.7	0.0	0.0	0.0	7.5
29	14.9	22.6	18.9	85.3	18.731	16.5	0.0	0.5	0.5	3.1
30	14.9	25.0	20.0	87.4	20.095	17.5	0.0	0.0	0.0	4.0
31	14.5	25.4	20.2	82.5	19.181	16.8	0.0	0.4	0.4	6.0
Prom.	14.2	23.8	19.1	83.6	18.170	15.9	51.1	26.3	77.4	121.9

Estación MESITAS DE SANTA INES

Municipio CACHIPAY

Año 1.971

Altitud 1.250 metros

Latitud 4-40 N.

Longitud 74-28 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	23.6	18.5	93.9	19.969	17.5	2.5	0.0	2.5	1.1
2	15.1	22.2	18.2	86.0	17.890	15.7	1.1	5.0	6.1	1.8
3	13.5	23.0	17.9	84.1	17.393	15.3	1.5	0.1	1.6	3.6
4	14.6	22.5	19.1	94.6	20.773	18.1	2.1	0.4	2.5	2.1
5	12.7	22.2	17.9	84.9	17.190	15.1	0.0	0.0	0.0	4.5
6	11.5	25.0	18.9	89.8	19.255	16.8	1.1	6.3	7.4	5.2
7	12.8	25.0	19.5	79.5	17.466	15.4	0.0	4.1	4.1	6.6
8	16.0	23.3	18.5	90.1	19.332	17.0	0.0	0.0	0.0	2.9
9	14.6	23.3	18.0	88.6	18.252	16.1	11.5	3.7	15.2	1.7
10	14.9	23.0	18.4	90.6	18.990	16.6	0.0	0.0	0.0	4.7
11	13.5	26.0	19.3	78.4	17.319	15.2	1.6	0.0	1.6	8.4
12	13.1	25.0	18.3	83.4	17.405	15.3	0.3	2.6	2.9	5.6
13	16.0	23.5	18.7	82.8	17.676	15.5	0.5	0.0	0.5	1.4
14	13.9	25.0	18.9	79.0	16.979	14.9	0.0	0.0	0.0	5.4
15	12.9	24.5	18.6	88.7	18.547	16.3	0.4	1.2	1.6	5.1
16	13.6	23.0	18.4	85.3	17.964	15.8	0.9	0.0	0.9	3.7
17	13.9	23.0	18.5	86.3	18.512	16.2	0.0	0.0	0.0	1.4
18	14.5	25.0	20.4	76.9	18.287	16.1	0.0	0.4	0.4	5.5
19	15.0	23.5	19.6	77.2	17.121	15.0	0.0	0.0	0.0	3.4
20	14.0	23.0	18.6	91.1	19.334	16.9	14.9	0.0	14.9	1.7
21	13.9	22.0	17.6	86.8	17.439	15.3	0.4	0.0	0.4	1.3
22	12.6	27.0	20.5	77.7	18.049	15.7	0.0	0.0	0.0	8.7
23	14.0	27.0	19.8	73.6	17.117	15.0	0.0	0.0	0.0	7.4
24	14.9	25.0	20.1	75.4	17.030	14.6	0.0	0.0	0.0	2.5
25	14.0	26.0	20.4	72.1	16.429	14.4	0.0	0.0	0.0	4.5
26	13.8	23.3	19.1	80.9	17.303	15.0	31.7	0.0	31.7	4.8
27	11.9	26.6	19.3	75.5	16.427	14.4	0.0	0.0	0.0	7.0
28	13.9	26.0	19.4	85.0	19.354	17.0	0.0	0.0	0.0	5.7
29	14.9	22.6	19.2	87.5	19.326	16.9	0.0	7.7	7.7	1.2
30	15.9	22.0	18.7	85.6	18.339	16.1	6.7	46.5	53.2	2.8
Prom.	14.1	24.1	18.9	83.7	18.082	15.8	77.2	78.0	155.2	121.7

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	21.0	18.6	93.2	19.861	17.4	0.8	0.0	0.8	0.8
2	13.5	21.5	18.7	87.5	18.790	16.5	0.0	0.0	0.0	1.7
3	15.0	20.0	17.0	98.8	19.131	16.8	3.2	2.9	6.1	1.8
4	14.8	20.0	17.7	93.8	18.937	16.6	6.9	1.8	8.7	1.7
5	14.0	22.2	18.6	90.4	19.367	17.0	2.2	0.9	3.1	3.2
6	14.9	22.0	19.0	80.6	17.162	15.1	0.0	0.7	0.7	5.8
7	15.4	23.0	19.3	85.1	18.729	16.4	0.3	0.0	0.3	3.1
8	14.5	23.0	19.7	86.8	19.713	17.2	0.0	0.0	0.0	4.6
9	14.0	27.0	20.5	79.2	18.442	16.1	0.0	5.2	5.2	6.7
10	15.5	24.3	18.7	80.6	17.393	15.2	0.0	11.5	11.5	3.1
11	15.9	24.0	19.3	85.3	18.906	16.6	0.1	0.3	0.4	2.2
12	15.4	24.2	18.6	92.2	19.889	17.4	0.3	0.0	0.3	4.0
13	13.6	25.0	19.9	80.2	18.648	16.4	0.0	0.2	0.2	3.7
14	14.9	24.0	20.1	85.5	19.962	17.5	0.0	0.0	0.0	2.3
15	14.5	26.0	20.3	80.6	18.822	16.5	0.0	0.0	0.0	6.7
16	16.0	24.5	20.8	84.3	20.196	17.5	0.0	3.2	3.2	2.4
17	14.5	22.0	17.7	91.0	18.508	16.3	16.9	0.0	16.9	2.0
18	14.9	24.0	19.0	83.9	18.312	16.1	1.4	8.4	9.8	4.3
19	14.8	23.3	18.7	83.9	17.715	15.4	2.6	8.4	11.0	3.0
20	13.9	25.0	19.5	87.4	19.728	17.3	0.0	0.0	0.0	3.6
21	12.5	25.0	19.3	87.4	19.380	16.9	0.0	0.0	0.0	6.1
22	16.5	23.5	19.6	90.6	20.663	18.0	0.7	0.0	0.7	2.6
23	14.5	25.0	19.6	84.0	19.218	16.9	3.9	0.0	3.9	5.6
24	16.0	24.0	19.1	88.6	19.490	17.1	0.0	0.0	0.0	4.5
25	12.8	23.5	19.8	85.8	19.433	17.0	3.7	0.5	4.2	4.6
26	14.0	23.2	19.3	90.4	19.853	17.3	3.5	0.0	3.5	3.9
27	15.6	22.0	19.2	90.9	20.369	17.8	3.0	0.3	3.3	1.9
28	14.1	21.3	18.0	88.6	18.077	15.8	0.2	0.0	0.2	1.9
29	15.6	25.2	19.1	85.8	19.070	16.7	0.0	0.0	0.0	4.9
30	16.1	21.0	18.2	94.8	19.939	17.4	6.7	0.3	7.0	3.6
31	14.1	22.2	18.6	94.0	20.351	17.7	3.4	22.0	25.4	0.4
Prom.	14.8	23.3	19.1	87.5	19.163	16.8	59.8	66.6	126.4	106.7

Estación MESITAS DE SANTA INES

Municipio CACHIPAY

Año 1.971

Altitud 1.250 metros

Latitud 4-40 N.

Longitud 74-28 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	21.0	18.3	95.4	20.140	17.6	9.5	32.0	41.5	0.0
2	15.4	25.0	18.8	89.6	19.640	17.2	7.7	6.3	14.0	2.7
3	14.5	23.0	17.7	89.8	18.566	16.3	0.3	0.0	0.3	2.0
4	14.1	23.0	18.8	90.6	19.587	17.2	0.7	0.0	0.7	3.3
5	16.0	21.5	18.4	96.2	20.444	17.8	4.3	3.3	7.6	1.0
6	13.3	22.0	17.8	90.4	18.425	16.2	0.3	0.0	0.3	3.6
7	14.6	23.0	18.8	89.4	19.237	16.8	0.4	0.0	0.4	3.1
8	14.5	23.0	18.4	93.7	19.830	17.3	2.8	3.1	5.9	1.3
9	15.0	20.5	17.8	93.8	19.110	16.8	1.8	0.2	2.0	0.0
10	14.4	23.5	19.4	87.1	19.344	16.9	0.0	0.0	0.0	4.6
11	13.6	22.0	18.3	85.2	17.583	15.4	0.0	0.0	0.0	7.0
12	14.8	24.0	18.6	94.9	20.048	17.5	14.8	0.5	15.3	5.7
13	16.8	22.0	19.3	87.2	19.453	17.1	7.3	7.5	14.8	4.2
14	15.5	21.5	18.0	93.9	19.359	16.9	28.2	1.6	29.8	4.7
15	13.9	23.0	18.9	87.8	18.786	16.4	0.0	0.0	0.0	3.6
16	12.6	24.0	18.7	81.4	17.133	15.1	0.0	0.0	0.0	8.0
17	14.9	22.0	18.3	86.9	18.191	16.0	0.3	0.0	0.3	6.4
18	16.5	22.5	17.5	92.6	18.909	16.6	22.5	0.0	22.5	1.1
19	14.5	22.0	19.0	87.2	18.777	16.4	0.5	0.0	0.5	2.2
20	16.5	24.0	19.1	89.2	19.984	17.5	0.0	1.0	1.0	6.3
21	16.8	23.0	19.1	90.4	19.877	17.4	0.0	0.0	0.0	5.1
22	14.8	23.1	19.1	90.7	19.985	17.5	0.0	0.0	0.0	3.8
23	14.0	22.0	18.9	90.9	19.678	17.2	0.3	0.0	0.3	4.9
24	14.8	24.0	19.2	89.9	19.934	17.4	13.7	0.0	13.7	5.4
25	14.5	24.0	19.3	87.8	19.654	17.2	1.5	0.0	1.5	5.4
26	15.6	24.0	19.5	90.8	20.329	17.7	22.2	0.8	23.0	3.1
27	16.1	22.5	18.9	92.4	20.027	17.5	12.4	0.0	12.4	4.1
28	14.9	20.5	18.5	90.8	19.263	16.9	32.1	0.0	32.1	0.2
29	14.8	23.0	18.6	83.7	17.710	15.5	0.0	0.0	0.0	1.8
30	16.5	24.0	19.5	87.2	19.559	17.1	0.0	0.0	0.0	4.2
Prom.	15.0	22.8	18.7	89.9	19.285	16.9	183.6	56.3	239.9	108.8

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1							0.0	0.0	0.0	5.4
2							0.0	0.0	0.0	6.1
3							0.0	0.0	0.0	4.9
4							3.3	0.0	3.3	2.7
5							0.0	0.0	0.0	7.1
6							0.0	0.0	0.0	6.9
7							0.0	0.0	0.0	5.2
8							0.0	0.0	0.0	4.2
9							0.0	0.0	0.0	8.7
10							0.0	0.0	0.0	9.0
11							0.0	0.0	0.0	5.0
12							0.0	0.0	0.0	7.6
13							0.3	0.0	0.3	5.4
14							0.0	0.0	0.0	5.3
15							0.0	0.0	0.0	5.6
16	14.0	26.7	18.9	73.4	15.719	13.7	0.0	0.0	0.0	6.6
17	14.0	25.0	19.9	82.4	18.992	16.7	0.2	0.7	0.9	2.2
18	15.5	22.5	19.0	92.8	20.647	18.0	7.3	0.2	7.5	0.7
19	13.5	25.0	21.1	81.3	19.729	17.3	0.0	0.7	0.7	7.3
20	15.6	25.0	19.5	83.1	18.684	16.4	0.0	0.0	0.0	4.5
21	16.0	22.0	18.3	82.1	17.362	15.3	0.3	0.0	0.3	0.4
22	16.7	23.5	18.8	87.4	19.107	16.8	2.5	2.6	5.1	4.0
23	14.4	22.2	18.2	91.9	19.206	16.8	4.4	0.0	4.4	3.0
24	16.0	21.0	18.5	89.6	19.151	16.8	0.0	0.0	0.0	1.0
25	14.9	23.0	19.1	87.7	19.208	16.9	5.5	11.8	17.3	1.4
26	15.5	23.0	19.4	87.7	19.632	17.2	37.7	1.6	39.3	2.4
27	14.5	21.5	18.5	93.1	19.850	17.3	8.9	0.1	9.0	1.4
28	14.0	24.5	19.2	85.1	18.682	16.4	0.3	0.0	0.3	4.2
29	14.7	22.0	18.2	91.6	19.164	16.8	4.7	0.0	4.7	1.2
30	15.4	23.0	18.0	87.1	18.158	16.0	0.0	0.0	0.0	2.1
31	14.8	23.3	19.3	81.9	18.170	16.0	0.0	0.0	0.0	3.2
Prom.							75.4	17.7	93.1	134.7

Estación **MESITAS DE SANTA INES**Municipio **CACHIPAY**Año **1.971**Altitud **1.250 Metros**Latitud **4-40 N.**Longitud **74-28 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día llov.	
ENERO	15.5	23.9	19.2	13.9	27.5	91.3	20.355	17.7	155.3	21	99.3
FEBRERO	15.2	24.4	19.5	12.8	28.2	89.5	20.081	17.5	107.7	18	101.9
MARZO	15.8	24.2	19.7	13.5	27.0	90.6	20.699	18.0	215.5	24	70.7
ABRIL	15.8	24.9	19.9	13.0	28.0	85.5	19.797	17.3	163.3	23	103.1
MAYO	16.3	24.3	19.8	13.6	27.5	86.3	19.855	17.4	193.8	27	100.2
JUNIO	15.7	24.7	19.7	13.9	27.5	83.4	19.072	16.7	35.4	17	135.8
JULIO	15.8	25.4	20.0	13.3	27.5	79.4	18.288	16.0	39.8	17	145.3
AGOSTO	14.2	23.8	19.1	10.9	27.5	83.6	18.170	15.9	77.4	20	121.9
SEPTIEMBRE	14.1	24.1	18.9	11.5	27.0	83.7	18.082	15.8	155.2	18	121.7
OCTUBRE	14.8	23.3	19.1	12.5	27.0	87.5	19.163	16.8	126.4	23	106.7
NOVIEMBRE	15.0	22.8	18.7	12.6	25.0	89.9	19.285	16.9	239.9	22	108.8
DICIEMBRE				13.5	26.7				93.1	13	134.7
PROMEDIO											
TOTAL									1602.8	243	1350.1

Estación GRANJA TIBACUY

Municipio TIBACUY

Año 1.971

Altitud 1.550 metros

Latitud 4-21 N.

Longitud 74-25 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	24.6	20.5	75.6	18.025	15.8	0.0	0.0	0.0	3.4
2	16.0	24.5	20.8	75.0	18.123	15.9	0.0	0.0	0.0	4.0
3	16.5	24.6	20.1	73.3	17.105	15.0	0.0	0.0	0.0	5.6
4	16.7	22.0	19.5	85.5	19.136	16.8	1.2	0.0	1.2	1.0
5	15.5	23.5	19.5	81.2	18.483	16.2	7.6	0.0	7.6	2.6
6	16.0	23.2	19.1	86.6	19.158	16.8	15.8	2.5	18.3	4.9
7	16.0	18.0	17.2	98.5	19.399	17.0	7.7	0.6	8.3	0.0
8	16.5	21.4	18.3	90.8	19.175	16.8	25.8	17.1	42.9	2.3
9	16.1	21.6	18.8	88.8	19.160	16.8	0.0	0.0	0.0	1.5
10	16.6	21.1	19.3	90.3	19.946	17.4	0.0	0.0	0.0	2.7
11	14.5	23.4	19.0	71.9	16.135	14.1	0.3	0.0	0.3	6.8
12	14.7	23.2	19.1	80.6	17.619	15.5	0.0	0.0	0.0	7.2
13	15.0	23.0	18.7	76.4	16.584	14.4	0.0	0.0	0.0	7.1
14	15.3	23.5	19.2	84.5	18.866	16.6	1.1	0.0	1.1	5.8
15	15.2	23.4	19.2	80.7	17.732	15.6	0.0	0.0	0.0	7.0
16	15.6	23.0	19.8	82.2	18.806	16.5	0.1	0.0	0.1	6.2
17	15.0	23.0	18.1	79.0	16.293	14.3	0.0	5.2	5.2	4.8
18	16.0	22.0	18.4	89.7	19.034	16.7	19.0	5.1	24.1	2.1
19	15.0	21.0	17.9	90.8	18.626	16.4	2.8	6.2	9.0	0.9
20	15.9	19.5	17.7	92.4	18.644	16.4	3.0	26.7	29.7	0.2
21	15.6	19.8	17.8	90.0	18.193	16.0	3.5	0.1	3.6	0.9
22	15.5	22.4	18.2	83.4	17.560	15.5	0.0	0.0	0.0	5.3
23	14.3	23.5	18.6	70.6	15.161	13.1	0.0	0.0	0.0	6.9
24	15.2	24.7	19.4	80.1	17.761	15.7	0.0	0.3	0.3	9.1
25	15.9	23.0	19.0	80.5	17.691	15.6	0.0	0.0	0.0	4.9
26	16.0	22.5	18.9	78.6	17.013	14.9	0.0	0.0	0.0	5.6
27	16.0	20.4	17.3	93.7	18.835	16.5	1.5	0.0	1.5	1.5
28	14.6	21.6	18.1	93.4	19.523	17.1	1.5	0.0	1.5	3.5
29	15.5	22.9	18.7	82.6	17.948	15.7	0.2	0.0	0.2	4.8
30	14.4	24.2	19.2	80.3	17.710	15.6	0.0	0.0	0.0	8.0
31	14.9	24.2	19.2	77.4	17.128	15.1	0.1	0.0	0.1	7.3
Prom.	15.6	22.5	18.9	83.4	18.083	15.9	91.2	63.8	155.0	133.9

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.9	24.0	19.9	75.0	17.835	15.3	1.3	0.0	1.3	5.7
2	15.6	22.9	19.5	88.1	19.888	17.4	0.0	0.0	0.0	3.5
3	16.4	21.3	18.4	90.2	19.231	16.9	0.0	0.0	0.0	2.1
4	15.0	24.9	19.8	84.8	19.605	17.2	0.0	0.0	0.0	6.3
5	16.5	22.0	18.5	91.8	19.655	17.2	2.2	2.7	4.9	1.3
6	14.2	23.0	18.3	91.0	19.042	16.7	14.1	9.9	24.0	3.5
7	16.1	24.0	19.4	85.0	19.090	16.7	4.3	0.6	4.9	6.3
8	14.7	25.0	20.0	84.2	19.529	17.1	0.2	0.0	0.2	8.2
9	15.0	24.0	18.5	82.8	17.669	15.6	0.0	0.8	0.8	5.1
10	14.0	23.5	18.6	79.0	16.614	14.5	0.0	0.0	0.0	7.2
11	13.5	24.0	18.7	78.1	16.633	14.6	0.0	0.2	0.2	6.3
12	16.0	23.0	19.1	85.2	18.669	16.4	1.4	5.8	7.2	5.8
13	16.0	23.9	19.2	85.6	18.804	16.5	0.0	0.0	0.0	3.4
14	16.0	20.1	18.2	82.5	17.354	15.0	0.0	0.0	0.0	1.3
15	15.2	24.0	19.4	77.9	17.460	15.4	0.0	0.0	0.0	7.8
16	15.1	22.0	19.3	83.4	18.382	16.2	0.0	0.0	0.0	3.0
17	15.5	22.5	18.3	89.1	18.794	16.5	2.8	0.0	2.8	2.6
18	16.0	21.6	18.5	92.0	19.609	17.2	5.3	2.2	7.5	1.3
19	13.2	18.2	16.6	96.6	18.582	16.3	3.9	0.0	3.9	0.5
20	15.1	23.0	19.2	84.3	18.592	16.4	0.0	0.0	0.0	6.9
21	15.1	21.0	18.0	81.8	16.800	14.7	0.0	0.0	0.0	1.8
22	15.5	19.5	17.2	94.8	18.686	16.4	1.4	0.0	1.4	0.0
23	14.7	20.4	18.0	82.7	16.910	14.8	0.0	0.0	0.0	0.2
24	13.5	24.9	19.6	64.6	14.568	12.5	0.0	0.0	0.0	9.4
25	14.5	24.9	20.0	71.2	16.361	14.3	0.0	0.7	0.7	9.9
26	16.5	21.9	18.2	86.8	18.202	16.0	0.0	0.0	0.0	1.4
27	14.0	26.4	20.1	66.3	15.608	13.4	0.0	0.0	0.0	8.6
28	16.0	24.6	19.4	72.5	16.112	14.1	0.0	0.0	0.0	7.0
Prom.	15.1	22.9	18.9	83.1	18.010	15.8	36.9	22.9	59.8	126.4

Estación GRANJA TIBACUY

Municipio TIBACUY

Año 1.971

Altitud 1.550 metros

Latitud 4-21 N.

Longitud 74-25 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	24.6	20.0	80.7	18.473	16.2	5.1	0.0	5.1	3.7
2	16.4	24.9	20.0	78.0	17.723	15.4	2.3	0.1	2.4	7.1
3	15.7	23.9	20.1	81.2	19.014	16.7	0.0	2.8	2.8	6.4
4	15.2	23.5	18.7	93.1	19.862	17.3	0.1	9.2	9.3	2.0
5	15.0	24.9	20.6	79.0	18.559	16.2	0.0	0.0	0.0	7.9
6	16.7	25.4	20.5	81.2	19.455	17.1	0.0	0.0	0.0	8.7
7	17.1	23.2	20.1	85.6	20.087	17.6	0.0	0.0	0.0	2.8
8	16.3	23.6	19.4	89.7	20.122	17.5	0.3	0.0	0.3	2.5
9	15.6	24.9	19.5	80.4	18.034	15.8	0.0	0.0	0.0	5.2
10	15.5	24.9	19.9	80.0	18.208	16.0	0.0	0.0	0.0	4.8
11	16.3	24.9	20.7	79.2	19.021	16.7	0.0	0.0	0.0	4.2
12	16.5	21.0	18.7	86.0	18.541	16.3	0.0	0.0	0.0	0.9
13	15.7	26.6	21.3	71.7	17.720	15.6	0.0	0.0	0.0	8.5
14	16.5	25.1	20.0	81.8	18.814	16.5	0.0	0.0	0.0	5.0
15	16.9	20.3	18.1	89.4	18.559	16.3	0.0	0.0	0.0	0.0
16	15.0	23.3	18.9	90.4	19.726	17.3	0.0	0.0	0.0	0.4
17	16.0	20.6	18.2	94.2	19.737	17.3	1.8	0.0	1.8	0.0
18	16.0	19.0	17.2	93.5	18.313	16.1	7.8	0.3	8.1	0.0
19	15.2	22.2	18.9	88.4	19.286	16.9	0.0	0.0	0.0	2.9
20	16.0	18.5	17.1	93.7	18.372	16.2	8.9	0.0	8.9	0.0
21	14.4	21.1	17.6	90.7	18.431	16.2	2.9	0.0	2.9	2.2
22	15.0	24.9	19.8	76.1	17.436	15.3	0.0	14.0	14.0	7.1
23	15.5	23.9	19.2	86.1	19.189	16.8	2.5	0.4	2.9	8.5
24	16.5	24.0	19.2	88.9	19.630	17.2	6.1	6.3	12.4	3.6
25	16.4	23.0	19.1	87.7	19.387	17.0	0.0	1.7	1.7	4.1
26	16.7	22.7	18.8	87.8	19.170	16.8	8.6	0.0	8.6	4.2
27	15.2	24.1	19.6	85.3	19.430	17.0	0.0	5.5	5.5	5.4
28	15.5	23.0	19.0	88.7	19.475	17.1	0.0	6.3	6.3	3.2
29	16.5	19.8	17.3	97.0	19.189	16.8	6.2	0.0	6.2	0.7
30	16.5	21.8	18.3	89.4	18.932	16.6	1.3	0.0	1.3	0.4
31	16.2	20.9	17.7	98.8	20.240	17.7	0.6	0.1	0.7	0.6
Prom.	15.9	23.0	19.1	86.2	18.972	16.6	54.5	46.7	101.2	113.0

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	21.4	17.5	95.5	19.057	16.7	12.4	10.6	23.0	0.9
2	14.0	20.0	16.6	96.3	18.374	16.1	1.1	8.3	9.4	0.0
3	14.0	19.3	16.4	100.0	18.839	16.5	10.9	0.7	11.6	0.7
4	14.8	21.3	17.1	92.4	18.035	15.9	3.8	0.0	3.8	1.4
5	14.4	23.0	18.9	82.5	17.878	15.7	0.0	0.0	0.0	4.9
6	15.3	24.7	20.1	73.9	17.168	15.1	0.0	0.0	0.0	9.4
7	15.0	24.3	20.3	78.2	18.916	16.5	0.0	0.0	0.0	6.4
8	16.0	24.3	19.3	86.2	19.460	17.1	0.0	0.0	0.0	4.8
9	16.4	24.0	19.7	88.3	20.092	17.5	0.0	0.0	0.0	3.6
10	14.9	25.3	19.9	80.5	18.507	16.3	0.0	0.0	0.0	6.7
11	14.9	24.9	20.3	69.0	16.712	14.6	0.0	0.0	0.0	8.6
12	15.7	25.3	19.8	77.6	17.886	15.7	0.0	0.0	0.0	6.5
13	16.0	23.5	18.7	90.5	19.872	17.3	1.2	0.0	1.2	5.2
14	16.0	24.4	19.6	85.5	19.706	17.2	0.0	2.6	2.6	3.6
15	17.0	23.9	19.5	88.5	20.187	17.6	0.0	0.0	0.0	4.2
16	17.5	26.0	20.0	85.2	20.024	17.5	0.2	0.0	0.2	8.1
17	15.5	24.9	19.7	82.4	18.881	16.6	2.5	0.0	2.5	3.8
18	15.7	21.3	18.8	92.4	19.987	17.4	0.3	15.4	15.7	0.4
19	16.0	20.0	17.7	92.7	18.807	16.5	3.7	0.0	3.7	0.0
20	14.4	23.0	18.9	89.9	19.500	17.1	0.6	1.2	1.8	1.2
21	16.5	22.0	18.9	88.0	19.221	16.9	0.0	0.0	0.0	0.1
22	15.8	23.9	19.0	82.2	18.097	15.9	0.0	5.1	5.1	2.1
23	14.5	24.2	18.9	81.8	17.628	15.5	0.0	0.1	0.1	3.0
24	15.0	23.0	19.2	77.1	17.167	15.0	0.0	0.0	0.0	2.5
25	15.7	24.4	19.5	79.1	18.246	15.9	0.0	0.0	0.0	7.6
26	16.3	25.6	21.5	74.7	18.699	16.1	0.1	7.2	7.3	8.2
27	15.9	25.0	20.1	79.1	18.715	16.4	0.0	0.0	0.0	7.9
28	17.0	22.4	19.0	85.9	18.948	16.6	0.0	0.0	0.0	3.0
29	15.4	25.0	20.6	68.4	16.913	14.7	0.0	0.0	0.0	6.8
30	15.6	23.3	20.0	70.8	16.776	14.5	0.1	0.0	0.1	4.1
Prom.	15.6	23.5	19.2	83.8	18.610	16.3	36.9	51.2	88.1	125.7

Estación **GRANJA TIBACUY**Municipio **TIBACUY**Año **1.971**Altitud **1.550** metrosLatitud **4-21 N.**Longitud **74-25 W.****M E S - MAYO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	20.0	17.6	94.0	19.098	16.8	11.7	0.2	11.9	0.0
2	16.0	23.3	19.5	87.2	19.588	17.2	0.0	0.0	0.0	5.3
3	16.0	23.9	19.3	77.9	17.755	15.6	0.1	0.0	0.1	4.3
4	15.9	23.5	18.9	96.2	20.870	18.1	1.4	2.7	4.1	1.4
5	16.5	24.4	20.7	82.5	19.990	17.4	0.0	4.1	4.1	5.6
6	16.5	20.5	18.2	93.9	19.626	17.2	1.5	0.0	1.5	3.0
7	14.0	24.9	20.1	73.2	17.068	14.9	0.0	0.0	0.0	8.2
8	16.5	23.3	19.3	77.6	17.230	15.2	0.0	1.9	1.9	4.5
9	16.2	22.0	18.9	92.2	20.263	17.7	0.5	0.0	0.5	0.7
10	15.0	22.4	19.4	93.2	20.892	18.2	0.0	0.0	0.0	0.7
11	16.4	22.7	18.9	86.6	19.050	16.7	0.3	0.0	0.3	1.3
12	15.5	24.8	19.7	86.3	19.962	17.5	0.0	0.0	0.0	2.7
13	15.5	24.7	19.7	87.4	20.155	17.6	0.0	1.1	1.1	5.1
14	17.0	22.0	18.6	97.0	20.973	18.3	3.0	0.0	3.0	0.3
15	15.6	24.0	20.1	79.1	18.464	16.2	0.0	0.0	0.0	5.0
16	17.0	21.4	18.0	91.4	19.282	16.9	2.2	0.0	2.2	0.0
17	15.5	21.9	18.4	95.3	20.428	17.8	2.8	3.6	6.4	0.8
18	16.2	23.0	19.6	92.8	21.068	18.3	0.0	7.2	7.2	4.1
19	15.6	22.4	18.5	90.9	19.346	17.0	2.2	8.8	11.0	2.2
20	16.0	22.1	19.0	89.8	19.568	17.1	0.0	0.0	0.0	4.3
21	15.4	24.5	20.2	74.4	17.462	15.3	0.5	7.0	7.5	6.1
22	15.6	23.7	20.0	76.8	17.776	15.7	0.0	0.0	0.0	5.0
23	15.6	20.0	17.4	98.8	19.713	17.3	9.0	0.0	9.0	0.2
24	14.0	25.0	19.7	77.5	17.188	14.8	0.5	2.9	3.4	8.9
25	15.5	23.3	19.5	79.2	17.746	15.6	0.0	6.3	6.3	5.8
26	15.5	23.0	19.3	75.3	16.516	14.4	0.0	0.0	0.0	4.5
27	15.0	23.2	19.8	81.4	18.553	16.3	0.3	0.0	0.3	6.3
28	16.8	22.4	19.5	82.4	18.511	16.3	0.0	0.0	0.0	3.6
29	15.5	23.7	19.1	82.9	18.300	16.1	0.2	25.8	26.0	3.4
30	16.2	19.2	17.3	100.0	19.979	17.5	26.8	0.0	26.8	0.0
31	14.8	20.6	17.7	88.0	17.958	15.7	0.0	0.0	0.0	3.5
Prom.	15.7	22.8	19.1	86.5	19.044	16.7	63.0	71.6	134.6	106.8

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.0	24.2	19.7	76.1	17.528	15.4	0.0	0.0	0.0	6.0
2	16.1	22.3	18.8	82.6	17.899	15.7	0.0	0.0	0.0	2.7
3	15.9	22.4	19.8	81.5	18.547	16.2	0.0	0.1	0.1	3.5
4	16.0	25.5	19.9	80.1	18.537	16.3	0.6	0.3	0.9	8.1
5	16.3	23.6	18.4	87.3	18.715	16.4	0.0	1.0	1.0	2.3
6	16.0	22.6	18.1	80.7	16.854	14.8	0.7	0.0	0.7	2.8
7	16.1	20.0	17.3	98.2	19.608	17.2	7.0	0.0	7.0	0.4
8	13.6	23.5	18.9	71.6	15.131	13.1	0.0	0.0	0.0	4.8
9	15.0	21.9	17.9	88.0	18.158	16.0	0.0	0.0	0.0	0.5
10	14.4	24.0	18.4	81.7	17.148	15.1	0.0	0.0	0.0	3.3
11	14.5	24.9	20.1	68.0	15.949	13.8	0.0	0.0	0.0	8.6
12	13.8	18.0	15.7	97.8	17.665	15.6	10.7	0.0	10.7	0.2
13	13.9	22.8	18.3	96.5	17.809	15.6	0.0	0.0	0.0	5.1
14	14.4	22.5	19.0	80.7	17.871	15.7	0.1	0.0	0.1	6.6
15	15.0	22.4	17.7	88.7	17.824	15.7	0.4	0.0	0.4	4.4
16	14.9	23.8	19.4	71.8	15.711	13.7	0.0	0.0	0.0	8.1
17	15.0	22.6	18.5	83.3	18.002	15.7	2.5	0.0	2.5	3.4
18	14.8	22.0	18.5	89.0	19.094	16.8	0.0	0.0	0.0	2.1
19	15.0	27.0	18.5	87.2	18.516	16.3	0.0	0.0	0.0	6.1
20	14.5	24.9	18.3	72.0	15.119	13.0	0.0	0.0	0.0	7.4
21	14.9	25.0	19.9	76.2	17.375	15.3	0.0	0.0	0.0	6.6
22	15.0	20.4	16.8	97.5	18.844	16.5	2.1	0.0	2.1	0.7
23	14.0	24.7	19.3	74.8	16.658	14.6	0.0	0.0	0.0	7.3
24	16.0	24.9	19.5	86.3	19.567	17.2	1.3	0.0	1.3	5.5
25	14.0	25.9	20.4	71.6	16.666	14.6	0.0	6.4	6.4	8.1
26	14.5	23.0	18.5	80.6	16.619	14.4	0.0	0.0	0.0	3.1
27	14.6	24.5	19.1	86.4	19.028	16.7	7.3	0.2	7.5	3.0
28	14.9	23.2	19.3	90.9	20.133	17.5	0.0	2.6	2.6	5.3
29	16.0	21.3	18.7	87.4	18.864	16.6	3.0	0.0	3.0	0.4
30	16.0	24.9	20.0	73.4	16.706	14.6	0.0	1.2	1.2	6.8
Prom.	15.0	23.3	18.8	82.6	17.738	15.5	35.7	11.8	47.5	133.9

Estación GRANJA TIBACUY

Municipio TIBACUY

Año 1.971

Altitud 1.550 metros

Latitud 4-21 N.

Longitud 74-25 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	21.5	17.8	84.9	17.628	15.4	0.4	0.0	0.4	1.8
2	15.8	23.4	19.0	69.8	15.177	12.9	0.1	0.5	0.6	4.3
3	14.6	23.2	18.2	85.8	17.949	15.8	0.0	0.2	0.2	5.0
4	15.6	20.3	17.4	82.3	16.352	14.3	1.1	0.0	1.1	0.2
5	15.5	24.9	19.4	65.2	14.421	12.4	0.0	0.0	0.0	8.1
6	15.0	24.9	19.4	81.4	18.134	16.0	0.0	0.0	0.0	6.6
7	15.7	23.0	19.0	88.0	19.290	16.9	0.6	0.0	0.6	2.4
8	14.0	24.4	19.5	74.8	16.796	14.7	0.0	0.5	0.5	8.1
9	15.3	24.9	19.2	75.5	16.623	14.6	0.2	0.0	0.2	7.7
10	16.0	22.8	19.2	80.7	17.803	15.6	0.0	0.0	0.0	4.2
11	13.0	24.5	19.9	72.0	16.069	14.0	0.0	1.4	1.4	6.1
12	15.0	24.3	20.5	76.0	17.844	15.6	0.0	0.0	0.0	7.3
13	16.8	22.6	18.8	84.2	18.349	16.1	0.4	7.7	8.1	2.3
14	15.7	18.3	16.3	96.0	17.933	15.8	5.6	0.0	5.6	0.0
15	15.0	20.4	17.4	86.8	17.288	15.2	0.9	0.0	0.9	2.4
16	13.4	24.2	18.8	61.9	13.097	10.9	0.0	0.0	0.0	8.2
17	13.8	23.5	18.9	77.0	16.298	14.1	0.0	0.0	0.0	5.5
18	13.8	24.0	19.2	70.6	15.268	13.3	0.0	0.0	0.0	6.8
19	14.6	25.0	19.6	65.5	14.507	12.5	0.0	3.3	3.3	6.6
20	15.7	24.9	19.5	72.4	16.157	14.1	0.0	0.0	0.0	4.7
21	15.6	24.5	19.6	74.0	16.523	14.5	0.0	0.0	0.0	3.4
22	15.4	24.2	19.5	74.5	16.621	14.6	0.0	0.6	0.6	5.5
23	15.4	24.5	19.9	71.0	16.321	14.3	0.0	6.4	6.4	7.2
24	13.9	23.5	18.2	76.4	15.711	13.7	0.0	0.0	0.0	3.3
25	15.1	26.0	19.8	70.2	15.615	13.6	0.0	7.9	7.9	9.2
26	16.0	22.4	18.8	82.6	17.712	15.5	0.0	0.0	0.0	2.5
27	14.9	24.3	18.7	69.3	14.910	12.9	0.0	0.0	0.0	5.8
28	16.2	23.0	19.0	78.2	17.039	15.0	0.0	0.0	0.0	4.7
29	15.3	24.5	19.9	66.8	15.134	13.1	0.0	0.0	0.0	6.9
30	14.9	25.1	19.9	71.5	16.281	14.3	0.0	0.0	0.0	8.4
31	15.8	23.4	19.0	78.7	17.282	15.2	0.0	0.0	0.0	3.9
Prom.	15.1	23.6	19.0	76.3	16.520	14.4	9.3	28.5	37.8	159.1

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.9	24.4	19.3	83.8	18.601	16.3	0.1	0.0	0.1	2.7
2	14.7	23.2	19.4	74.9	16.500	14.4	0.0	0.0	0.0	4.2
3	15.9	24.8	19.2	74.6	16.649	14.6	0.0	0.4	0.4	2.5
4	15.0	24.2	18.8	81.4	17.501	15.4	0.8	0.3	1.1	4.5
5	15.6	22.2	17.7	84.9	17.325	15.2	1.0	4.5	5.5	1.4
6	15.0	22.3	18.4	74.4	15.271	13.2	1.0	0.0	1.0	5.6
7	15.0	24.8	19.6	74.4	16.726	14.7	0.0	0.2	0.2	6.1
8	14.5	21.0	16.3	88.0	16.578	14.5	14.8	0.0	14.8	0.9
9	13.5	24.3	19.4	70.2	15.158	13.2	0.0	0.1	0.1	7.0
10	15.8	24.5	19.1	67.7	17.053	15.0	0.4	0.1	0.5	6.1
11	14.9	22.8	19.3	67.6	15.097	13.1	0.0	0.0	0.0	4.6
12	15.6	19.8	16.7	93.0	17.967	15.7	4.4	0.0	4.4	1.3
13	14.0	24.0	19.1	72.1	15.767	13.8	0.0	0.0	0.0	8.1
14	15.3	21.4	18.3	86.6	18.292	16.0	2.1	0.0	2.1	2.3
15	13.0	20.3	16.5	95.1	18.079	15.8	2.9	0.0	2.9	2.9
16	13.5	24.0	19.6	66.8	15.029	13.1	0.0	0.0	0.0	7.0
17	14.6	23.2	18.9	78.9	16.881	14.8	0.0	0.0	0.0	3.8
18	14.6	25.0	19.9	73.5	16.665	14.6	0.0	0.2	0.2	7.3
19	16.2	21.4	18.1	84.4	17.776	15.6	1.0	0.0	1.0	2.1
20	15.0	21.5	18.1	90.3	18.855	16.6	0.0	0.0	0.0	2.5
21	15.6	24.5	20.0	73.5	16.788	14.7	0.0	0.3	0.3	5.3
22	15.3	23.6	18.9	79.0	17.659	15.3	0.0	0.0	0.0	6.9
23	14.0	26.2	19.8	74.6	16.660	14.6	0.0	0.0	0.0	7.4
24	15.4	23.3	19.1	81.5	17.927	15.7	1.0	0.0	1.0	3.9
25	14.5	24.0	20.0	74.3	16.981	14.9	0.0	2.7	2.7	5.0
26	15.6	20.5	17.2	95.8	19.098	16.7	14.0	0.0	14.0	0.1
27	14.5	20.3	16.9	90.2	17.489	15.4	0.4	0.2	0.6	1.3
28	14.9	25.0	20.0	65.8	14.948	12.8	0.0	2.0	2.0	7.2
29	16.3	22.6	19.1	78.8	17.152	15.1	0.0	0.2	0.2	6.2
30	15.6	24.5	20.2	75.6	17.423	15.3	0.0	0.0	0.0	6.3
31	17.0	26.8	21.7	63.6	16.349	14.3	0.0	0.1	0.1	5.9
Prom.	15.0	23.2	18.9	78.8	16.976	14.9	43.9	11.3	55.2	138.4

Estación GRANJA TIBACUY

Municipio TIBACUY

Año 1.971

Altitud 1.550 metros

Latitud 4-21 N.

Longitud 74-25 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	24.3	19.8	90.2	21.174	18.4	4.1	0.0	4.1	2.5
2	15.6	24.2	20.0	83.5	19.367	17.0	0.0	0.1	0.1	3.8
3	15.6	23.5	19.3	85.3	19.097	16.8	3.6	0.1	3.7	2.8
4	15.6	22.6	18.9	80.8	17.629	15.5	0.0	1.3	1.3	3.3
5	14.9	23.5	18.7	69.1	14.552	12.5	0.0	0.0	0.0	2.8
6	14.0	22.5	18.9	75.9	16.515	14.5	2.4	3.9	6.3	4.5
7	13.0	23.6	18.5	77.9	16.452	14.4	0.0	11.3	11.3	6.3
8	13.0	21.0	16.9	79.6	15.301	13.3	0.0	0.0	0.0	3.4
9	14.5	21.4	17.6	72.0	14.353	12.2	2.3	1.6	3.9	3.6
10	13.6	21.0	16.6	76.9	14.379	12.3	0.6	0.0	0.6	2.1
11	12.5	24.1	18.7	81.9	17.654	15.5	0.0	0.0	0.0	7.3
12	13.1	24.0	18.4	86.2	18.436	16.1	0.0	4.6	4.6	2.7
13	14.6	22.0	18.1	90.3	18.896	16.6	1.7	0.0	1.7	4.1
14	14.6	24.0	19.1	59.4	13.183	11.0	0.0	0.0	0.0	6.5
15	15.1	24.0	19.4	65.3	14.824	12.8	0.0	0.0	0.0	4.5
16	14.6	24.0	18.9	83.6	18.021	15.8	0.3	0.0	0.3	3.9
17	14.5	21.5	18.4	91.4	19.307	17.0	1.5	0.0	1.5	1.3
18	14.2	21.0	18.1	92.4	19.315	16.9	2.2	0.6	2.8	0.8
19	15.0	22.0	18.5	82.3	17.314	15.2	0.0	0.0	0.0	3.3
20	16.0	23.9	18.9	81.6	17.836	15.7	0.0	0.0	0.0	4.9
21	15.5	22.0	16.9	94.0	18.371	16.1	0.7	0.0	0.7	0.8
22	15.0	25.3	20.2	73.2	16.762	14.7	0.0	0.0	0.0	8.4
23	14.9	26.0	20.9	58.6	14.434	12.4	0.0	0.0	0.0	7.1
24	15.6	24.0	19.0	78.1	17.126	15.0	0.0	0.0	0.0	3.6
25	15.3	24.9	19.6	74.1	16.312	14.3	0.0	0.0	0.0	2.8
26	16.0	23.3	18.8	74.4	16.276	14.2	0.0	0.0	0.0	5.9
27	13.9	26.9	20.6	60.2	14.543	12.5	0.0	0.0	0.0	8.8
28	14.9	25.6	20.7	60.0	14.747	12.7	0.0	0.1	0.1	6.6
29	16.4	23.0	19.4	83.5	18.771	16.5	0.4	0.1	0.5	2.1
30	16.3	23.6	19.2	72.3	15.859	13.8	0.0	7.9	7.9	3.0
Prom.	14.8	23.4	18.9	77.8	16.894	14.7	19.8	31.6	51.4	123.5

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.3	20.2	16.9	91.6	18.034	15.8	6.7	0.0	6.7	1.3
2	14.0	20.4	17.5	87.0	17.300	15.1	14.2	0.0	14.2	1.3
3	14.8	20.5	17.0	84.3	16.209	14.2	0.2	0.4	0.6	1.5
4	14.2	22.0	16.6	88.7	16.956	14.9	3.5	0.0	3.5	4.2
5	14.7	21.6	18.3	84.2	17.687	15.6	0.5	0.1	0.6	1.7
6	15.6	25.0	19.9	77.8	17.919	15.8	0.0	17.5	17.5	6.9
7	16.1	24.0	19.5	80.5	18.113	15.9	1.1	0.0	1.1	4.6
8	14.0	24.2	19.9	77.4	17.711	15.6	0.0	0.0	0.0	8.1
9	16.1	25.5	20.4	63.8	15.468	13.5	0.0	0.2	0.2	6.8
10	16.3	23.9	19.7	90.3	20.523	17.9	0.0	16.2	16.2	4.5
11	15.9	25.0	19.3	81.2	18.281	16.0	0.0	0.0	0.0	5.2
12	15.7	24.4	19.3	83.6	18.960	16.7	0.0	0.0	0.0	7.0
13	15.0	23.5	19.8	77.0	17.671	15.5	0.0	0.3	0.3	4.8
14	15.4	23.5	19.3	73.9	16.617	14.6	0.0	0.0	0.0	5.8
15	15.5	24.3	20.1	78.8	18.712	16.4	0.0	0.0	0.0	7.5
16	15.8	21.4	19.1	82.8	18.407	16.2	0.0	7.9	7.9	1.4
17	15.0	21.5	17.1	74.5	14.708	12.7	1.7	8.9	10.6	3.0
18	15.0	22.0	19.0	85.9	18.678	16.4	0.0	3.3	3.3	5.1
19	15.0	21.5	18.3	82.0	17.381	15.2	0.0	0.0	0.0	3.1
20	14.6	24.2	19.7	83.2	19.061	16.7	0.0	0.0	0.0	6.8
21	14.9	24.5	19.8	85.6	19.711	17.2	0.4	0.0	0.4	9.4
22	15.4	22.4	19.0	85.1	18.991	16.7	0.1	0.0	0.1	5.8
23	14.6	23.2	18.8	75.3	16.816	14.5	2.2	0.0	2.2	4.9
24	15.2	23.2	18.7	81.1	17.511	15.4	6.8	0.0	6.8	8.0
25	14.6	23.8	19.0	87.5	19.164	16.8	11.7	0.0	11.7	5.3
26	14.6	23.6	19.8	76.9	17.751	15.6	0.0	2.5	2.5	5.0
27	16.0	23.5	20.2	80.2	18.668	16.3	0.4	0.0	0.4	8.0
28	15.0	20.6	18.9	80.3	17.713	15.6	0.4	0.5	0.9	0.8
29	15.7	23.7	19.7	84.1	19.474	17.1	0.2	0.0	0.2	4.6
30	15.1	24.0	18.7	87.8	19.034	16.7	0.0	0.0	0.0	4.7
31	15.9	24.9	19.7	82.1	18.948	16.6	0.3	10.8	11.1	3.5
Prom.	15.2	23.1	19.0	81.8	18.006	15.8	50.4	68.6	119.0	150.6

Estación GRANJA TIBACUY

Municipio TIBACUY

Año 1.971

Altitud 1.550 metros

Latitud 4-21 N.

Longitud 74-25 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.2	21.3	18.2	85.6	18.335	16.0	36.4	1.8	38.2	1.3
2	14.6	22.4	18.5	91.7	19.688	17.2	2.0	4.9	6.9	4.8
3	15.2	22.6	18.6	88.3	19.076	16.8	0.7	3.2	3.9	2.5
4	14.6	22.0	18.2	92.4	19.476	17.0	4.4	2.4	6.8	3.7
5	15.1	21.3	18.0	92.3	18.995	16.6	0.6	0.0	0.6	3.2
6	14.9	22.0	19.2	88.6	19.573	17.1	0.0	0.0	0.0	8.0
7	14.5	22.2	18.9	76.6	16.483	14.4	0.0	0.0	0.0	5.2
8	14.9	24.2	20.0	79.8	18.539	16.3	0.0	3.2	3.2	4.6
9	15.4	18.0	16.4	90.9	17.007	15.0	4.8	0.0	4.8	5.0
10	14.4	23.4	18.5	90.3	19.279	16.9	0.0	0.0	0.0	1.4
11	13.9	24.0	19.2	83.0	18.783	16.4	0.0	0.0	0.0	7.2
12	14.0	24.5	19.6	79.0	18.203	16.0	0.3	0.5	0.8	8.6
13	15.6	24.0	19.6	84.5	19.208	16.9	1.3	0.0	1.3	9.2
14	15.1	24.5	19.4	83.9	18.696	16.4	19.1	1.9	21.0	3.6
15	14.0	22.4	18.4	91.6	19.438	17.1	0.0	0.0	0.0	4.6
16	14.0	24.9	20.2	78.0	18.592	16.3	0.0	0.0	0.0	9.1
17	15.3	24.5	19.4	83.6	18.770	16.5	0.0	18.9	18.9	7.8
18	14.9	22.0	18.2	86.8	18.097	15.9	5.5	0.0	5.5	2.5
19	14.2	23.0	19.0	87.3	18.971	16.6	0.0	0.0	0.0	5.1
20	16.1	22.4	19.0	87.0	19.250	16.9	0.0	0.3	0.3	3.4
21	16.5	22.0	18.6	78.0	16.845	14.7	0.1	4.4	4.5	2.2
22	15.5	24.3	18.6	91.1	19.670	17.2	1.1	14.1	15.2	4.1
23	15.6	24.0	19.4	77.2	17.535	15.4	0.8	0.0	0.8	7.9
24	16.0	23.5	19.1	82.7	18.411	16.2	0.0	0.0	0.0	7.1
25	14.0	25.0	19.8	83.6	19.393	17.0	6.2	0.7	6.9	4.1
26	14.6	23.0	19.0	86.7	19.133	16.8	0.0	0.3	0.3	5.5
27	14.5	23.2	18.6	88.3	19.008	16.7	0.0	0.0	0.0	4.3
28	16.0	22.0	18.0	86.3	17.975	15.8	0.1	0.0	0.1	0.5
29	14.9	24.0	19.3	80.7	18.125	15.9	0.0	0.0	0.0	5.2
30	14.7	24.5	20.1	72.9	17.141	15.0	0.0	0.0	0.0	7.7
Prom.	14.9	23.0	18.9	85.0	18.590	16.3	83.4	56.6	140.0	149.4

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.2	24.2	19.4	80.7	18.246	16.0	0.0	0.0	0.0	5.0
2	14.3	24.5	19.9	73.9	17.194	15.1	0.0	0.0	0.0	10.1
3	14.5	24.2	20.3	76.6	18.609	16.4	0.0	0.0	0.0	7.6
4	14.3	22.2	17.0	90.7	17.902	15.7	0.4	0.0	0.4	3.6
5	16.0	23.7	19.0	88.4	19.556	17.1	0.0	0.0	0.0	8.8
6	14.6	23.7	19.3	82.3	18.862	16.5	0.0	0.0	0.0	5.2
7	16.0	24.4	19.1	79.8	17.850	15.7	1.5	0.0	1.5	4.0
8	14.3	24.9	19.6	71.6	16.439	14.4	0.0	0.0	0.0	7.5
9	14.5	24.5	19.2	72.7	16.221	14.2	0.0	0.0	0.0	8.8
10	14.5	24.9	20.1	74.1	17.421	15.3	0.0	0.0	0.0	7.2
11	14.5	24.0	19.3	71.5	15.749	13.7	0.0	0.0	0.0	5.8
12	14.0	25.0	19.1	74.2	16.477	14.4	0.0	0.0	0.0	9.5
13	15.5	24.0	19.7	79.5	18.299	16.1	0.0	0.0	0.0	4.5
14	15.2	24.5	20.0	74.5	17.550	15.4	0.0	0.0	0.0	5.6
15	14.0	24.0	20.3	82.1	19.612	17.0	0.0	0.0	0.0	5.7
16	14.0	24.0	19.0	81.9	17.888	15.8	0.0	0.0	0.0	5.9
17	15.0	24.1	17.5	98.8	19.986	17.5	2.9	0.0	2.9	3.8
18	15.1	20.0	17.0	94.2	18.343	16.1	4.4	0.0	4.4	0.2
19	14.6	23.4	18.6	89.5	19.237	16.9	0.0	0.0	0.0	6.0
20	15.0	23.7	19.7	81.6	18.594	16.3	0.0	3.4	3.4	8.2
21	16.8	21.5	18.8	91.2	19.760	17.3	0.0	0.1	0.1	1.6
22	15.0	22.0	17.7	93.2	19.145	16.8	26.5	23.9	50.4	4.1
23	14.0	23.0	17.8	94.2	19.384	17.0	7.7	0.2	7.9	1.7
24	15.5	19.9	18.1	97.9	20.249	17.7	0.2	0.0	0.2	0.0
25	14.6	22.0	17.7	93.6	19.236	16.8	0.7	3.1	3.8	1.3
26	15.0	22.0	18.5	89.6	19.152	16.8	2.7	0.0	2.7	3.7
27	15.5	22.0	18.5	87.9	19.108	16.7	0.0	0.0	0.0	3.6
28	14.5	22.7	18.4	88.6	18.833	16.5	0.0	0.0	0.0	7.0
29	15.0	22.4	18.4	88.1	18.645	16.4	0.0	0.0	0.0	5.2
30	15.0	22.5	18.4	85.1	18.141	15.9	0.0	0.0	0.0	6.7
31	15.7	22.0	18.5	86.3	18.460	16.2	0.0	0.0	0.0	2.6
Prom.	14.9	23.2	18.8	84.3	18.392	16.1	47.0	30.7	77.7	160.5

Estación **GRANJA TIBACUY**
 Altitud **1.550 Metros**

Municipio **TIBACUY**
 Latitud **4-21 N.**

Año **1.971**
 Longitud **74-25 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	15.6	22.5	18.9	14.3	24.7	83.4	18.083	15.9	155.0	18	133.9
FEBRERO	15.1	22.9	18.9	13.2	26.4	83.1	18.010	15.8	59.8	13	126.4
MARZO	15.9	23.0	19.1	14.4	26.6	86.2	18.972	16.6	101.2	19	113.0
ABRIL	15.6	23.5	19.2	14.0	26.0	83.8	18.610	16.3	88.1	15	125.7
MAYO	15.7	22.8	19.1	14.0	25.0	86.5	19.044	16.7	134.6	21	106.8
JUNIO	15.0	23.3	18.8	13.6	27.0	82.6	17.738	15.5	47.5	16	133.9
JULIO	15.1	23.6	19.0	13.0	26.0	76.3	16.520	14.4	37.8	15	159.1
AGOSTO	15.0	23.2	18.9	13.0	26.8	78.8	16.976	14.9	55.2	22	138.4
SEPTIEMBRE	14.8	23.4	18.9	12.5	26.9	77.8	16.894	14.7	51.4	17	123.5
OCTUBRE	15.2	23.1	19.0	14.0	25.5	81.8	18.006	15.8	119.0	23	150.6
NOVIEMBRE	14.9	23.0	18.9	13.9	25.0	85.0	18.590	16.3	140.0	19	149.4
DICIEMBRE	14.9	23.2	18.8	14.0	25.0	84.3	18.392	16.1	77.7	11	160.5
PROMEDIO	15.2	23.1	19.0	13.7	25.9	82.5	17.986	15.8			
TOTAL									1067.3	209	1621.2

Estación JORGE VILLAMIL

Municipio GIGANTE

Año 1.971

Altitud 1.500 metros

Latitud 2-22 N.

Longitud 75-33 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.2	25.5	19.7	74.1	17.389	15.3	0.6	0.0	0.6	3.0
2	17.0	25.6	20.0	69.9	16.591	14.5	0.0	0.0	0.0	4.4
3	16.5	25.0	20.0	64.8	15.171	13.1	0.8	0.0	0.8	7.2
4	16.5	23.5	18.8	90.7	20.012	17.5	3.1	0.0	3.1	3.5
5	15.0	21.0	17.9	97.3	20.279	17.7	23.9	0.0	23.9	0.9
6	15.8	22.5	18.5	90.6	19.540	17.1	1.6	20.7	22.3	3.8
7	15.0	22.0	18.2	88.9	18.639	16.4	0.0	6.5	6.5	3.5
8	15.0	22.0	17.9	94.5	19.257	16.9	1.1	19.9	21.0	0.8
9	15.6	20.0	17.4	94.9	18.703	16.5	1.5	0.0	1.5	0.0
10	15.5	22.0	18.5	85.4	18.374	16.2	0.0	0.0	0.0	1.7
11	15.0	23.0	17.9	77.0	15.926	13.9	1.5	0.0	1.5	
12	15.5	22.0	18.3	86.6	18.466	16.2	2.9	0.0	2.9	
13	15.0	22.2	18.3	87.3	18.505	16.3	12.9	0.0	12.9	
14	16.0	23.5	19.4	80.2	18.045	15.9	0.0	2.5	2.5	
15	16.0	22.0	18.1	88.0	18.291	16.0	4.7	0.0	4.7	
16	14.5	25.2	19.3	75.3	16.529	14.5	0.6	4.9	5.5	
17	15.6	22.0	19.1	84.5	18.521	16.3	0.0	0.0	0.0	
18	15.5	21.0	18.1	90.5	18.953	16.6	0.6	4.9	5.5	
19	15.0	20.0	17.1	95.5	18.469	16.2	25.1	0.0	25.1	
20	15.0	18.8	17.3	97.6	19.158	16.8	1.9	2.3	4.2	
21	16.0	23.0	18.7	79.5	17.073	15.0	0.0	2.4	2.4	
22	15.5	21.2	18.4	91.1	19.312	16.9	0.3	0.0	0.3	
23	14.5	24.0	19.8	74.2	16.883	14.8	0.0	0.0	0.0	
24	16.0	23.6	19.6	80.9	18.532	16.3	1.0	0.0	1.0	
25	15.0	23.5	18.5	80.7	17.126	15.0	6.8	0.0	6.8	
26	15.0	22.5	18.3	82.7	17.272	15.2	0.0	0.0	0.0	
27	16.0	23.3	18.8	84.7	18.381	16.2	0.9	0.0	0.9	
28	15.5	22.6	18.7	89.5	19.155	16.8	3.1	6.6	9.7	2.8
29	16.0	23.0	19.2	83.1	18.317	16.1	0.0	0.0	0.0	2.6
30	16.0	23.6	19.9	68.4	15.599	13.5	0.0	0.0	0.0	4.8
31	15.9	25.0	20.0	65.4	15.037	12.9	0.0	0.0	0.0	6.8
Prom.	15.6	22.7	18.7	83.7	17.984	15.8	94.9	70.7	165.6	

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	22.5	19.2	82.6	18.342	16.1	0.0	0.2	0.2	2.7
2	16.0	22.0	18.2	88.3	18.410	16.2	3.1	0.3	3.4	2.4
3	16.5	23.0	19.3	85.6	18.967	16.6	3.8	0.0	3.8	1.3
4	15.0	25.0	19.3	78.7	17.527	15.4	10.2	20.1	30.3	4.1
5	16.0	19.5	17.7	90.5	18.303	16.1	10.3	3.0	13.3	0.0
6	15.5	22.5	18.6	86.4	18.557	16.3	0.0	0.0	0.0	4.7
7	16.0	22.0	18.9	80.4	17.517	15.4	3.9	0.0	3.9	1.0
8	16.5	23.0	19.2	82.5	18.379	16.2	0.0	0.3	0.3	5.9
9	17.0	24.0	19.6	74.9	16.857	14.8	0.0	0.0	0.0	7.8
10	16.0	23.5	19.5	80.0	18.105	16.0	0.0	0.0	0.0	6.6
11	16.0	23.5	19.6	78.1	17.418	15.3	0.0	40.2	40.2	5.3
12	16.0	21.0	18.1	89.0	18.275	16.1	0.5	0.0	0.5	0.8
13	15.0	23.5	19.3	68.1	14.885	12.8	0.0	0.0	0.0	6.3
14	17.0	24.0	19.9	71.3	16.188	14.1	0.2	0.0	0.2	2.6
15	15.5	21.2	18.9	86.5	18.744	16.5	0.3	0.0	0.3	2.0
16	15.0	22.4	18.6	76.5	16.218	14.2	0.0	0.0	0.0	2.6
17	16.5	22.0	18.1	87.7	18.379	16.2	11.0	0.0	11.0	0.9
18	16.5	23.0	18.8	85.1	18.550	16.3	10.0	3.2	13.2	1.6
19	15.5	23.0	18.7	82.2	17.919	15.7	3.6	0.0	3.6	4.9
20	15.5	21.5	18.1	91.0	18.894	16.5	1.5	3.2	4.7	0.5
21	16.0	19.5	17.1	92.5	18.141	16.0	3.4	0.0	3.4	0.0
22	15.8	20.5	16.4	96.3	18.120	16.0	11.3	0.0	11.3	0.0
23	14.5	21.6	17.6	74.9	14.897	12.8	5.0	0.0	5.0	0.8
24	15.5	21.0	18.3	64.5	13.568	11.5	0.0	0.0	0.0	1.3
25	16.0	25.5	19.8	52.5	11.794	8.9	0.0	0.4	0.4	5.0
26	16.0	19.5	17.0	87.7	16.988	14.9	7.0	0.0	7.0	0.1
27	15.0	22.5	19.0	73.3	16.074	14.0	1.4	1.5	2.9	4.6
28	15.5	23.5	18.8	75.6	16.095	14.0	0.0	0.0	0.0	4.5
Prom.	15.8	22.3	18.6	80.8	17.218	15.0	86.5	72.4	158.9	80.3

Estación JORGE VILLAMIL

Municipio GIGANTE

Año 1.971

Altitud 1.500 metros

Latitud 2-22 N.

Longitud 75-33 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	15.0	25.5	19.2	68.3	14.471	12.2	7.8	1.7	9.5	4.0
2	16.5	24.2	18.2	78.7	16.486	14.4	12.2	0.0	12.2	3.8
3	16.0	23.6	19.7	83.5	18.926	16.6	0.0	3.2	3.2	1.7
4	15.5	22.4	18.3	85.3	18.049	15.9	0.0	0.0	0.0	3.6
5	16.0	23.3	19.6	75.9	17.189	15.1	0.3	0.0	0.3	2.8
6	15.5	23.5	19.7	65.5	14.711	12.5	0.0	0.0	0.0	3.9
7	16.0	25.0	19.7	60.2	13.798	11.7	0.0	0.0	0.0	5.2
8	15.5	26.0	20.0	65.3	14.860	12.7	0.3	0.0	0.3	4.6
9	16.5	24.0	19.5	76.4	17.349	15.3	0.0	0.1	0.1	0.8
10	16.8	23.0	20.0	80.7	18.834	16.5	0.0	0.0	0.0	0.3
11	16.0	27.5	20.2	69.4	16.378	14.4	0.0	0.0	0.0	4.4
12	17.1	22.0	18.7	85.9	18.668	16.4	38.8	0.0	38.8	0.4
13	15.5	26.0	19.8	72.8	16.411	14.4	1.3	3.3	4.6	4.7
14	16.5	23.0	20.7	69.2	16.481	14.5	0.0	1.8	1.8	3.1
15	17.0	20.0	17.9	93.8	19.381	17.0	3.2	0.0	3.2	0.0
16	16.0	21.0	17.6	88.3	17.981	15.7	6.4	0.0	6.4	0.0
17	16.0	24.0	19.9	72.0	16.337	14.3	0.4	0.0	0.4	0.5
18	16.0	21.4	18.2	85.9	18.023	15.8	13.3	0.0	13.3	0.8
19	16.5	22.5	18.5	89.0	18.860	16.5	16.0	0.4	16.4	0.3
20	17.0	20.0	18.0	94.1	19.331	17.0	6.5	3.3	9.8	0.2
21	16.0	22.5	19.0	82.9	18.322	16.1	1.5	0.7	2.2	1.2
22	15.5	23.0	18.9	78.0	16.778	14.7	0.3	0.5	0.8	3.6
23	16.5	24.0	19.5	78.6	17.828	15.7	1.8	1.9	3.7	2.7
24	16.5	22.0	18.7	89.7	19.488	17.1	2.3	14.3	16.6	0.7
25	15.6	23.0	19.2	85.8	18.666	16.4	22.9	0.0	22.9	3.0
26	17.0	23.0	19.2	87.2	19.482	17.1	0.2	0.0	0.2	1.5
27	16.5	24.0	19.9	79.6	18.393	16.2	1.1	14.7	15.8	3.6
28	16.5	20.0	18.0	91.0	18.807	16.5	0.0	28.6	28.6	0.1
29	15.5	21.0	17.8	94.7	19.309	17.0	2.6	4.3	6.9	2.3
30	16.0	24.5	18.9	84.7	18.707	16.4	0.2	4.1	4.3	1.8
31	16.0	22.0	18.3	89.0	18.738	16.5	2.2	9.4	11.6	0.5
Prom.	16.1	23.1	19.1	80.7	17.647	15.4	142.1	92.3	234.4	66.1

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	15.6	20.0	16.7	95.5	18.439	16.2	0.0	17.1	17.1	0.0
2	14.8	22.2	18.5	79.8	16.932	14.9	0.4	37.5	37.9	1.6
3	15.5	19.0	17.3	96.4	19.071	16.8	0.1	0.0	0.1	0.0
4	15.0	22.5	18.7	82.2	17.594	15.5	0.0	0.0	0.0	6.4
5	15.0	23.0	19.2	80.3	17.827	15.7	0.0	0.0	0.0	1.9
6	15.0	25.5	20.4	58.9	13.737	11.6	0.7	0.0	0.7	7.8
7	15.0	25.5	19.8	69.0	15.739	13.7	8.1	0.0	8.1	7.5
8	15.0	23.0	18.7	86.9	18.957	16.6	4.6	0.0	4.6	5.6
9	16.0	20.0	18.4	93.6	19.983	17.5	12.5	0.0	12.5	1.1
10	15.0	24.0	19.2	81.5	18.304	16.1	1.5	0.0	1.5	4.3
11	15.9	23.9	19.4	67.3	15.064	13.1	0.2	0.0	0.2	5.5
12	16.0	24.5	20.4	69.7	16.389	14.4	0.1	0.0	0.1	6.9
13	17.0	23.5	19.7	80.2	18.179	15.9	0.0	0.0	0.0	2.3
14	17.0	22.9	19.9	76.2	17.739	15.6	0.0	0.0	0.0	0.3
15	16.0	23.5	20.0	79.4	18.536	16.3	0.0	0.0	0.0	2.8
16	16.6	25.0	19.9	86.7	20.252	17.6	0.8	0.0	0.8	3.8
17	16.0	25.0	19.4	82.6	18.800	16.5	8.0	5.3	13.3	5.6
18	15.5	20.5	18.1	94.5	19.591	17.2	5.4	37.1	42.5	0.0
19	15.0	19.0	17.4	92.7	18.465	16.2	2.3	0.0	2.3	0.0
20	15.5	23.0	18.4	90.5	19.273	16.9	1.3	0.0	1.3	4.3
21	16.0	21.0	18.5	92.3	19.631	17.2	13.4	0.0	13.4	0.8
22	15.5	25.5	19.3	70.1	15.440	13.4	1.5	3.7	5.2	5.6
23	16.5	21.0	18.3	90.2	19.132	16.8	5.7	0.4	6.1	0.2
24	15.5	25.4	20.4	61.0	14.104	11.7	0.0	0.0	0.0	7.2
25	15.9	24.0	19.2	68.7	15.016	12.9	0.0	0.0	0.0	4.4
26	16.0	22.0	18.7	79.8	17.490	15.3	0.0	0.0	0.0	4.2
27	14.0	25.0	20.0	59.8	13.643	11.6	0.0	0.0	0.0	7.6
28	15.5	22.5	19.2	68.0	15.065	13.1	0.0	0.0	0.0	2.0
29	14.8	26.0	20.0	59.6	13.568	11.4	0.0	0.0	0.0	7.6
30	15.5	25.0	20.7	57.8	13.507	11.4	0.0	0.2	0.2	6.6
Prom.	15.6	23.1	19.1	78.4	17.184	15.0	66.6	101.3	167.9	113.9

Estación **JORGE VILLAMIL**Municipio **GIGANTE**Año **1.971**Altitud **1.500** metrosLatitud **2-22 N.**Longitud **75-33 W.****M E S - MAYO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.9	22.5	18.5	84.9	18.240	16.0	5.2	0.0	5.2	0.5
2	15.9	22.0	18.9	86.6	18.972	16.6	15.1	0.0	15.1	5.7
3	16.0	24.5	19.4	80.8	18.525	16.2	1.9	0.0	1.9	0.5
4	16.9	24.5	20.0	73.6	17.184	15.2	0.0	0.0	0.0	4.9
5	16.0	21.5	18.8	85.8	18.588	16.3	0.0	34.8	34.8	0.0
6	16.0	21.0	17.8	93.5	19.005	16.7	1.3	0.5	1.8	0.8
7	15.5	24.0	20.1	71.0	16.244	14.1	0.0	0.4	0.4	2.4
8	17.4	22.2	18.7	89.4	19.594	17.1	3.7	0.0	3.7	3.4
9	15.9	24.5	20.6	67.9	16.322	14.2	0.0	1.7	1.7	4.9
10	16.4	24.0	18.7	83.0	17.976	15.8	8.7	4.2	12.9	3.3
11	16.6	20.0	18.0	92.4	19.299	16.9	42.6	0.1	42.7	0.1
12	15.9	22.0	18.8	85.4	18.602	16.3	7.0	0.0	7.0	2.1
13	15.5	23.0	19.7	70.6	15.969	13.9	0.1	0.0	0.1	4.2
14	17.0	21.0	18.5	86.3	18.583	16.3	13.0	0.0	13.0	0.2
15	17.0	24.0	20.2	75.5	17.555	15.4	1.6	0.2	1.8	1.9
16	17.0	24.0	19.2	85.6	18.999	16.7	9.3	0.0	9.3	1.7
17	16.5	22.5	19.3	90.6	20.386	17.7	1.5	0.0	1.5	2.9
18	16.0	25.0	19.8	81.0	18.497	16.3	0.0	15.7	15.7	5.3
19	16.6	24.0	20.0	80.6	18.636	16.4	0.0	0.0	0.0	2.4
20	16.5	20.4	18.1	92.7	19.198	16.9	0.0	0.0	0.0	1.2
21	16.0	25.5	20.4	63.8	14.797	12.6	0.0	0.0	0.0	9.6
22	16.6	25.0	20.6	75.5	18.050	15.9	0.0	0.0	0.0	1.9
23	17.0	20.5	18.0	95.3	19.697	17.3	1.3	0.0	1.3	1.2
24	15.0	25.0	19.9	71.2	16.135	14.1	0.2	12.0	12.2	4.7
25	16.5	23.0	18.6	85.4	18.433	16.2	10.7	0.0	10.7	2.5
26	17.1	21.3	18.1	91.0	18.877	16.6	0.0	0.0	0.0	2.1
27	15.5	24.0	19.9	67.3	15.279	13.2	0.9	0.4	1.3	2.2
28	16.5	24.0	19.8	73.4	16.747	14.5	0.1	0.9	1.0	4.0
29	16.9	24.0	19.6	73.5	16.649	14.6	1.6	0.0	1.6	2.9
30	16.5	21.0	18.8	80.8	17.742	15.6	0.1	0.0	0.1	0.0
31	16.0	23.0	18.5	61.9	13.167	10.9	0.0	0.0	0.0	2.3
Prom.	16.4	23.0	19.2	80.5	17.805	15.6	125.9	70.9	196.8	81.8

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	23.0	19.3	67.8	15.068	13.0	2.1	0.1	2.2	3.3
2	15.0	25.0	20.2	61.7	14.258	12.0	0.0	0.1	0.1	4.3
3	16.5	24.4	20.2	72.5	16.937	14.8	0.0	0.0	0.0	4.5
4	17.0	25.0	20.1	68.3	16.075	14.0	0.0	0.0	0.0	4.6
5	16.5	24.0	19.7	72.3	16.613	14.5	1.2	2.1	3.3	3.2
6	15.5	24.5	20.0	77.2	17.766	15.5	4.5	1.5	6.0	2.7
7	16.5	20.5	17.4	92.9	18.598	16.3	4.7	0.0	4.7	0.0
8	15.5	25.0	20.1	63.3	14.546	12.3	0.0	0.0	0.0	4.9
9	16.0	23.0	18.6	88.3	19.182	16.8	3.2	0.0	3.2	2.5
10	15.5	24.0	20.3	65.0	15.265	13.1	0.0	0.0	0.0	5.5
11	15.9	25.9	20.2	61.4	14.204	12.0	0.0	0.0	0.0	6.5
12	17.0	20.0	17.9	90.1	18.777	16.5	6.2	0.0	6.2	0.0
13	14.5	23.5	19.0	87.6	19.336	16.9	0.9	0.0	0.9	5.5
14	14.9	23.0	18.7	89.0	19.019	16.7	12.7	1.1	13.8	5.0
15	16.0	24.0	20.2	68.6	15.856	13.6	0.8	0.7	1.5	4.3
16	16.0	24.0	19.8	74.9	17.087	15.0	0.3	0.5	0.8	3.0
17	16.5	25.0	20.4	69.3	16.291	14.0	3.9	0.0	3.9	5.0
18	17.0	23.0	18.3	87.9	18.746	16.4	12.4	0.0	12.4	1.3
19	16.6	25.0	18.6	80.7	17.263	15.2	11.2	0.0	11.2	5.4
20	16.5	24.3	19.1	81.7	18.374	16.1	4.6	0.0	4.6	0.7
21	17.5	24.0	19.0	75.1	16.530	14.4	5.1	0.0	5.1	3.7
22	15.9	24.0	19.5	81.4	18.200	16.0	0.2	0.0	0.2	2.0
23	16.0	25.0	20.8	65.6	15.692	13.6	0.0	9.5	9.5	6.8
24	15.0	19.5	17.5	89.4	17.775	15.6	6.2	0.0	6.2	1.0
25	15.5	24.5	20.1	69.0	15.935	13.9	0.3	0.0	0.3	7.9
26	15.9	21.0	18.4	85.4	18.298	16.1	3.8	0.0	3.8	1.3
27	15.8	24.9	19.1	73.0	15.688	13.2	2.3	0.2	2.5	3.3
28	17.0	19.5	17.8	88.4	17.902	15.8	0.2	0.0	0.2	3.6
29	15.3	23.0	19.1	71.8	15.611	13.6	0.8	0.2	1.0	5.2
30	16.1	24.0	19.5	64.1	14.164	12.1	0.3	1.8	2.1	3.2
Prom.	16.0	23.5	19.3	76.1	16.835	14.6	87.9	17.8	105.7	110.8

Estación **JORGE VILLAMIL**Municipio **GIGANTE**Año **1.971**Altitud **1.500** metrosLatitud **2-22 N.**Longitud **75-33 W.****M E S - JULIO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	22.4	19.2	71.2	15.670	13.6	0.3	0.8	1.1	1.6
2	16.0	22.2	18.1	82.8	17.154	15.1	1.7	0.3	2.0	6.1
3	16.0	23.3	19.2	67.8	14.962	12.9	0.4	1.0	1.4	6.2
4	16.0	20.5	18.2	91.0	19.053	16.7	2.0	0.0	2.0	2.4
5	15.3	25.0	19.9	70.2	15.821	13.8	0.2	0.0	0.2	5.7
6	15.5	25.5	19.9	60.1	13.646	11.5	0.0	26.7	26.7	4.1
7	15.0	20.0	17.0	94.8	18.378	16.2	15.1	0.1	15.2	0.5
8	15.5	24.0	19.0	74.2	16.015	13.8	0.8	0.8	1.6	5.8
9	16.0	23.0	18.8	78.7	17.088	15.0	4.2	0.4	4.6	3.5
10	16.0	22.0	18.4	82.3	17.393	15.3	6.2	0.2	6.4	2.3
11	15.5	22.0	18.0	83.8	17.566	15.5	0.0	2.4	2.4	2.5
12	16.0	21.0	18.5	86.2	18.418	16.2	0.7	1.1	1.8	3.0
13	15.9	22.0	18.1	89.5	18.670	16.4	1.9	2.7	4.6	3.4
14	15.0	21.0	17.7	87.2	17.566	15.5	1.5	0.0	1.5	0.0
15	15.0	23.0	18.6	53.9	11.119	8.0	0.0	0.0	0.0	5.1
16	14.9	24.0	19.5	53.0	11.670	9.0	0.0	0.0	0.0	6.8
17	14.5	23.5	19.2	53.8	11.903	9.3	0.0	0.0	0.0	5.1
18	13.5	24.0	19.6	59.4	13.374	11.2	0.0	0.0	0.0	2.6
19	15.0	24.5	19.1	70.6	15.672	13.5	1.2	0.0	1.2	5.0
20	16.0	25.0	20.2	72.8	17.034	14.8	7.6	0.0	7.6	5.0
21	16.0	23.5	19.4	75.5	16.583	14.3	0.0	3.5	3.5	2.6
22	16.0	22.5	19.1	77.0	16.814	14.7	0.1	0.0	0.1	0.4
23	16.0	21.0	18.1	86.1	17.925	15.8	0.4	1.4	1.8	4.3
24	15.9	23.3	19.4	70.2	15.384	13.2	0.0	0.0	0.0	4.3
25	15.0	26.0	20.5	55.5	12.835	10.4	1.1	0.0	1.1	8.5
26	16.5	24.0	19.1	80.5	17.718	15.6	3.9	1.0	4.9	3.5
27	16.4	25.0	19.7	71.8	16.206	14.0	2.0	0.0	2.0	3.2
28	15.0	23.0	19.2	71.1	15.725	13.7	11.7	0.0	11.7	4.4
29	15.5	25.0	19.4	70.4	15.583	13.3	5.4	0.0	5.4	6.6
30	15.5	24.0	19.9	65.7	14.893	12.7	0.1	0.0	0.1	6.6
31	15.9	24.0	18.1	81.5	17.073	15.0	4.2	0.0	4.2	1.4
Prom.	15.6	23.2	19.0	73.8	15.965	13.7	72.7	42.4	115.1	122.5

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	21.4	17.3	92.1	18.184	16.0	2.5	0.0	2.5	1.6
2	14.5	21.0	18.3	79.7	16.815	14.7	0.0	0.0	0.0	2.8
3	16.0	23.0	18.9	70.5	15.307	13.3	2.5	0.0	2.5	4.3
4	16.0	23.0	18.7	71.9	15.416	13.2	0.9	3.7	4.6	3.3
5	15.0	23.0	18.2	80.2	16.561	14.5	1.1	0.0	1.1	5.5
6	15.9	22.0	18.1	78.9	16.376	14.4	1.1	0.0	1.1	4.0
7	15.6	24.0	19.5	70.3	15.860	13.8	0.0	4.7	4.7	6.1
8	15.6	21.5	18.4	81.5	17.346	15.2	0.0	0.0	0.0	3.0
9	15.8	22.5	18.2	74.6	15.474	13.3	1.3	0.0	1.3	4.5
10	15.0	21.0	17.8	77.1	15.799	13.7	0.0	0.0	0.0	3.6
11	15.0	24.0	19.2	66.0	14.347	12.2	0.7	0.4	1.1	4.1
12	15.0	23.0	19.4	68.5	15.187	13.1	0.1	0.0	0.1	5.3
13	14.9	25.0	20.0	69.9	15.803	13.5	4.4	2.4	6.8	5.6
14	15.5	21.0	17.6	83.5	16.580	14.5	0.2	0.0	0.2	1.7
15	15.0	20.5	17.7	82.1	16.684	14.6	1.1	0.0	1.1	0.5
16	14.5	23.0	19.1	67.6	14.736	12.7	0.0	0.0	0.0	2.4
17	14.5	24.0	19.6	78.2	17.679	15.5	0.7	0.0	0.7	3.9
18	15.5	22.5	18.6	80.0	17.028	15.0	3.6	0.4	4.0	1.5
19	15.5	24.5	20.1	68.9	15.942	13.9	0.0	1.7	1.7	6.2
20	16.0	23.0	19.3	73.5	16.340	14.2	0.5	0.0	0.5	3.0
21	16.5	26.5	20.4	52.8	12.056	9.3	0.0	0.0	0.0	9.9
22	15.5	26.0	20.4	63.7	14.992	12.9	0.7	0.0	0.7	6.8
23	16.0	27.0	20.9	61.2	14.656	12.4	0.0	0.0	0.0	7.1
24	16.0	19.0	16.6	89.4	17.126	15.0	11.8	0.1	11.9	1.8
25	15.0	21.4	18.7	74.5	16.323	14.3	1.5	0.6	2.1	3.8
26	15.5	21.0	17.9	81.9	16.964	14.8	1.1	0.0	1.1	0.3
27	15.9	24.0	20.0	38.3	8.422	4.4	0.0	0.0	0.0	3.6
28	16.0	22.5	18.9	54.5	12.051	9.5	0.2	10.5	10.7	3.7
29	14.9	22.5	18.9	80.1	17.403	15.3	0.7	0.3	1.0	3.1
30	16.0	22.0	18.4	80.7	16.916	14.8	4.7	0.0	4.7	1.0
31	15.0	22.5	18.4	63.5	13.285	11.0	0.0	0.0	0.0	3.0
Prom.	15.4	22.8	18.8	72.8	15.602	13.4	41.4	24.8	66.2	117.0

Estación JORGE VILLAMIL

Municipio GIGANTE

Año 1.971

Altitud 1.500 metros

Latitud 2-22 N.

Longitud 75-33 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.1	21.4	18.1	70.0	14.450	12.3	3.0	0.3	3.3	2.6
2	14.5	19.5	17.2	92.0	18.300	16.1	0.5	0.0	0.5	0.8
3	14.5	22.0	19.1	62.9	13.972	11.8	0.0	0.0	0.0	2.2
4	15.0	22.0	18.2	71.9	15.042	13.0	0.0	0.0	0.0	2.8
5	16.8	26.0	20.1	60.5	14.404	12.3	0.4	0.0	0.4	8.8
6	14.5	23.0	18.2	81.8	17.302	15.3	13.7	0.0	13.7	6.9
7	14.3	24.0	18.6	83.2	18.080	15.9	11.6	1.8	13.4	0.9
8	15.0	21.0	18.2	91.2	19.212	16.9	0.0	0.2	0.2	1.2
9	15.3	22.0	18.5	72.7	15.329	13.1	1.0	0.0	1.0	5.1
10	13.5	20.5	16.8	83.7	15.871	13.9	1.7	0.0	1.7	5.0
11	14.0	26.0	20.3	54.4	12.190	9.5	0.0	0.0	0.0	8.4
12	15.6	22.2	18.1	78.6	16.325	14.3	1.9	7.1	9.0	4.4
13	14.4	22.0	17.6	71.9	14.623	12.4	0.0	0.0	0.0	8.7
14	13.5	25.5	19.3	50.8	10.988	8.1	0.0	0.0	0.0	9.4
15	13.8	24.5	19.5	52.0	11.519	8.6	0.0	0.6	0.6	6.0
16	16.5	21.4	18.3	80.1	16.892	14.8	3.3	0.0	3.3	2.9
17	15.0	21.0	17.4	90.1	18.085	15.9	4.4	0.0	4.4	1.3
18	15.4	23.0	19.0	51.8	11.279	8.1	0.0	0.0	0.0	0.0
19	14.5	21.0	18.8	48.9	10.558	7.8	0.0	1.6	1.6	5.6
20	14.9	22.0	18.2	79.4	16.596	14.6	1.3	13.3	14.6	2.8
21	14.6	22.2	18.4	76.0	15.960	13.9	3.0	0.0	3.0	1.4
22	16.0	24.4	19.1	68.7	15.024	13.0	0.0	0.0	0.0	4.6
23	15.0	24.5	20.0	45.5	10.390	7.3	0.0	1.2	1.2	3.9
24	16.6	23.6	18.9	62.1	13.680	11.6	0.0	0.0	0.0	2.9
25	16.6	23.3	19.1	62.1	13.740	11.6	0.1	0.0	0.1	2.3
26	15.9	26.5	20.7	47.7	11.120	8.0	0.0	0.0	0.0	7.1
27	14.4	26.0	19.4	62.9	13.532	10.9	2.4	0.0	2.4	8.0
28	14.6	24.5	19.2	61.5	13.265	10.8	0.0	0.0	0.0	4.6
29	14.9	21.3	18.3	77.3	16.206	14.2	0.0	1.7	1.7	2.3
30	15.6	21.4	18.6	76.1	16.298	14.2	1.1	0.0	1.1	3.6
Prom.	15.0	22.9	18.7	68.9	14.674	12.3	49.7	27.8	77.5	126.5

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.6	24.0	19.0	78.6	17.304	15.2	0.0	0.0	0.0	1.9
2	15.9	24.0	18.4	87.8	18.938	16.6	0.0	5.9	5.9	1.6
3	15.6	20.0	17.6	96.4	19.402	17.0	9.8	2.3	12.1	1.4
4	16.0	20.0	17.7	95.8	19.441	17.0	10.2	0.0	10.2	0.0
5	15.5	17.0	16.1	95.9	17.514	15.4	20.4	1.2	21.6	0.6
6	16.0	25.0	19.2	65.4	14.018	11.5	1.2	0.0	1.2	5.5
7	15.5	23.0	18.8	82.4	18.297	16.1	2.5	0.0	2.5	6.2
8	14.5	22.5	18.7	86.2	18.964	16.6	1.1	0.0	1.1	3.3
9	15.9	26.0	20.6	60.9	14.280	12.0	0.3	0.3	0.6	5.0
10	16.5	21.5	18.5	89.1	19.286	16.9	8.5	4.3	12.8	0.9
11	15.5	23.0	19.0	85.7	19.098	16.8	1.3	0.8	2.1	2.5
12	16.3	24.0	20.3	74.1	17.731	15.6	0.8	0.0	0.8	2.0
13	16.5	24.0	20.2	71.3	16.544	14.4	0.0	5.6	5.6	4.0
14	15.5	24.0	19.5	76.6	16.979	14.9	0.6	0.0	0.6	3.8
15	15.5	23.6	19.5	65.0	14.453	12.4	0.0	0.0	0.0	4.6
16	16.0	23.5	19.8	65.9	15.346	13.3	0.0	11.8	11.8	3.2
17	15.5	21.0	17.4	88.6	17.844	15.7	0.0	0.0	0.0	0.0
18	16.0	22.0	19.5	75.0	17.035	15.0	3.9	8.1	12.0	2.3
19	15.0	23.0	18.5	83.4	17.517	15.4	11.0	2.7	13.7	2.1
20	15.5	24.5	20.2	67.7	15.850	13.8	0.0	0.0	0.0	4.1
21	15.9	22.0	19.0	82.3	18.041	15.9	1.4	0.0	1.4	3.4
22	16.6	24.5	20.4	74.8	17.952	15.8	0.9	0.0	0.9	6.1
23	16.8	23.0	19.5	88.4	20.148	17.6	0.4	0.3	0.7	1.7
24	16.8	24.0	20.7	71.0	16.934	14.4	7.7	1.5	9.2	3.5
25	16.9	21.0	18.3	93.6	19.925	17.4	0.0	0.0	0.0	0.3
26	15.5	24.0	19.7	74.7	17.295	15.2	0.0	1.0	1.0	6.4
27	15.5	23.0	18.3	93.6	19.833	17.3	33.0	0.0	33.0	3.7
28	16.0	24.0	19.5	89.4	20.490	17.9	24.0	0.4	24.4	2.9
29	16.0	23.5	19.4	78.5	17.817	15.7	11.4	0.0	11.4	1.9
30	16.0	23.5	19.3	87.8	20.150	17.6	0.1	0.0	0.1	5.3
31	16.0	21.0	18.5	90.8	19.538	17.1	5.8	0.0	5.8	0.4
Prom.	15.9	22.9	19.1	81.2	17.870	15.6	156.3	46.2	202.5	90.6

Estación **JORGE VILLAMIL**
 Altitud **1.500** metros

Municipio **GIGANTE**
 Latitud **2-22 N.**

Año **1.971**
 Longitud **75-33 W.**

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.9	21.0	18.3	94.8	20.164	17.6	0.0	1.5	1.5	1.7
2	16.0	22.0	18.6	92.2	20.023	17.5	10.4	1.8	12.2	1.7
3	16.0	23.0	19.2	90.6	20.330	17.7	0.0	1.2	1.2	4.0
4	16.0	22.2	19.2	88.4	19.641	17.2	1.4	11.0	12.4	3.2
5	15.5	23.0	19.3	88.9	20.211	17.7	6.1	0.0	6.1	3.5
6	16.8	24.5	19.4	83.9	19.186	16.8	3.4	6.3	9.7	4.3
7	16.5	22.0	19.0	79.1	17.357	15.2	0.0	0.3	0.3	1.1
8	16.5	24.5	19.4	74.7	16.701	14.5	1.0	1.4	2.4	2.8
9	16.5	20.0	18.0	97.3	20.230	17.7	30.0	0.0	30.0	0.6
10	16.6	25.0	19.8	64.7	14.801	12.3	1.5	0.0	1.5	5.7
11	14.6	26.0	20.3	65.3	15.315	13.1	0.0	0.0	0.0	9.0
12	17.5	24.5	19.5	82.9	19.242	16.9	15.5	0.5	16.0	4.8
13	16.0	23.0	19.0	93.2	20.543	17.9	4.2	2.8	7.0	4.7
14	15.0	22.0	17.5	95.8	19.750	17.3	6.2	0.0	6.2	2.0
15	14.0	24.0	19.4	77.0	17.005	14.9	0.3	0.0	0.3	5.3
16	15.6	25.0	20.6	72.5	17.681	15.5	1.6	0.0	1.6	8.5
17	17.1	25.6	20.3	83.3	19.986	17.5	0.8	2.1	2.9	4.8
18	15.6	20.6	18.0	95.3	19.833	17.3	0.2	0.0	0.2	0.1
19	16.1	22.2	18.5	91.6	19.682	17.2	0.0	0.0	0.0	4.1
20	16.6	22.6	18.8	89.9	19.733	17.3	0.0	2.0	2.0	6.9
21	16.0	19.0	16.4	98.8	18.579	16.3	4.2	0.0	4.2	0.4
22	14.6	21.2	17.9	95.2	19.446	17.0	0.2	2.0	2.2	0.0
23	16.4	21.3	17.8	94.7	19.641	17.2	6.4	0.1	6.5	1.8
24	16.0	23.0	19.8	84.3	19.299	16.9	0.0	0.3	0.3	6.2
25	16.6	24.0	20.5	84.0	20.012	17.5	0.0	6.4	6.4	0.0
26	15.0	21.2	18.0	88.8	18.280	16.1	0.0	0.0	0.0	5.0
27	14.6	21.3	17.9	86.6	17.799	15.6	0.0	0.0	0.0	0.0
28	15.0	20.0	17.6	93.0	18.581	16.3	0.0	0.0	0.0	0.0
29	15.0	23.0	19.4	76.0	16.905	14.7	0.0	0.0	0.0	0.0
30	15.5	23.5	19.4	86.9	19.684	17.3	0.0	6.2	6.2	0.0
Prom.	15.8	22.7	18.9	86.3	18.855	16.5	93.4	45.9	139.3	

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	22.5	19.2	82.7	18.423	16.2	0.0	0.0	0.0	
2	16.0	23.0	18.9	75.7	16.484	14.4	5.0	4.2	9.2	
3	16.0	24.5	19.3	86.8	19.518	17.1	0.0	3.2	3.2	
4	16.0	21.0	17.7	93.6	19.288	16.9	0.0	0.0	0.0	
5	14.8	24.0	19.7	64.3	14.346	12.3	0.0	0.0	0.0	
6	15.8	25.0	19.7	69.5	15.588	13.6	0.0	0.0	0.0	
7	17.4	25.0	20.3	59.5	13.793	11.3	0.0	0.0	0.0	
8	16.0	26.0	19.7	57.6	13.100	10.9	0.0	0.0	0.0	
9	16.4	26.5	20.7	62.5	14.807	12.7	0.0	0.0	0.0	
10	15.6	26.9	21.2	61.6	15.330	13.3	0.0	0.0	0.0	
11	15.1	27.0	19.9	70.3	15.825	13.4	0.0	0.0	0.0	2.0
12	16.0	22.0	19.0	94.7	21.123	18.4	0.0	0.0	0.0	1.2
13	16.5	22.5	18.8	85.7	18.866	16.6	0.0	0.0	0.0	4.0
14	14.5	23.0	18.6	84.3	17.938	15.7	0.0	0.0	0.0	6.5
15	14.8	24.0	19.0	82.4	17.965	15.8	0.0	0.0	0.0	7.2
16	14.6	24.6	19.5	78.0	17.306	15.2	0.0	0.0	0.0	4.6
17	15.0	22.0	17.8	92.7	19.209	16.8	1.5	0.0	1.5	0.1
18	15.2	21.0	17.0	97.2	19.250	16.9	0.0	1.7	1.7	5.2
19	14.0	21.0	17.5	97.7	19.696	17.2	0.0	0.0	0.0	3.4
20	14.7	22.2	17.6	91.3	18.743	16.5	18.1	0.4	18.5	3.9
21	14.0	22.0	17.8	89.3	18.328	16.1	21.9	11.2	33.1	4.4
22	14.0	19.0	16.5	89.3	17.034	14.7	3.9	1.3	5.2	0.6
23	14.0	21.5	16.5	95.9	17.928	15.8	0.3	3.1	3.4	1.4
24	13.0	21.0	17.6	94.7	19.287	16.9	0.0	8.4	8.4	2.3
25	13.6	18.8	16.5	93.0	17.560	15.4	19.7	2.5	22.2	2.8
26	13.6	21.0	17.0	89.3	17.327	15.2	2.5	5.7	8.2	2.8
27	14.5	21.0	17.7	97.0	19.705	17.3	21.3	0.0	21.3	0.0
28	13.0	21.8	17.6	86.1	17.377	15.3	6.6	0.0	6.6	1.8
29	13.6	19.5	15.7	89.4	16.186	14.1	4.8	0.0	4.8	0.9
30	16.0	22.0	18.0	89.3	18.674	16.4	1.3	0.0	1.3	0.5
31	17.0	24.0	19.8	66.8	15.471	13.5	0.6	0.0	0.6	3.1
Prom.	15.1	22.8	18.4	82.8	17.467	15.2	107.5	41.7	149.2	

Estación **JORGE VILLAMIL**Municipio **GIGANTE**Año **1.971**Altitud **1.500** MetrosLatitud **2-22 N.**Longitud **75-33 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día Iluv.		
ENERO	15.6	22.7	18.7	14.5	25.6	83.7	17.984	15.8	165.6	23		
FEBRERO	15.8	22.3	18.6	14.5	25.5	80.8	17.218	15.0	158.9	21	80.3	
MARZO	16.1	23.1	19.1	15.0	27.5	80.7	17.647	15.4	234.4	27	66.1	
ABRIL	15.6	23.1	19.1	14.0	26.0	78.4	17.184	15.0	167.9	19	113.9	
MAYO	16.4	23.0	19.2	15.0	25.5	80.5	17.805	15.6	196.8	24	81.8	
JUNIO	16.0	23.5	19.3	14.5	25.9	76.1	16.835	14.6	105.7	25	110.8	
JULIO	15.6	23.2	19.0	13.5	26.0	73.8	15.965	13.7	115.1	26	122.5	
AGOSTO	15.4	22.8	18.8	14.5	27.0	72.8	15.602	13.4	66.2	23	117.0	
SEPTIEMBRE	15.0	22.9	18.7	13.5	26.5	68.9	14.674	12.3	77.5	20	126.5	
OCTUBRE	15.9	22.9	19.1	14.5	26.0	81.2	17.870	15.6	202.5	26	90.6	
NOVIEMBRE	15.8	22.7	18.9	14.0	26.0	86.3	18.855	16.5	139.3	24		
DICIEMBRE	15.1	22.8	18.4	13.0	27.0	82.8	17.467	15.2	149.2	16		
PROMEDIO	15.7	22.9	18.9	14.2	26.2	78.8	17.092	14.8				
TOTAL									1779.1		274	

Estación OSPINA PEREZ

Municipio CONSACA

Año 1.971

Altitud 1.700 metros

Latitud 1-16 N.

Longitud 77-28 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.3	25.0	18.8	82.5	17.898	15.7	0.0	0.0	0.0	7.8
2	15.9	23.9	18.0	80.6	16.379	14.3	0.0	0.0	0.0	4.9
3	14.0	23.0	18.1	80.7	16.512	14.5	0.0	0.0	0.0	4.2
4	16.4	23.4	17.5	92.9	18.709	16.4	17.0	17.7	34.7	4.1
5	15.5	22.0	18.4	82.7	17.174	15.1	6.2	19.5	25.7	2.2
6	15.8	22.6	18.2	85.6	17.914	15.8	2.7	7.9	10.6	3.6
7	15.0	18.6	15.8	96.9	17.715	15.6	2.8	2.0	4.8	0.0
8	14.2	23.0	17.7	83.6	16.806	14.7	2.7	11.0	13.7	4.8
9	15.6	23.6	18.1	82.8	17.617	15.4	2.6	8.5	11.1	4.9
10	16.2	24.4	19.1	82.5	17.919	15.7	0.9	0.0	0.9	6.4
11	13.0	23.6	18.1	76.4	15.481	13.4	0.0	5.5	5.5	8.2
12	15.6	20.4	17.7	88.9	17.988	15.8	2.9	1.9	4.8	4.1
13	16.0	22.8	18.4	84.0	17.541	15.4	0.3	12.4	12.7	4.7
14	15.8	23.0	18.3	83.4	17.344	15.2	1.4	18.8	20.2	5.5
15	15.8	23.2	18.1	83.8	17.190	15.1	0.0	0.0	0.0	3.3
16	14.0	24.0	17.6	74.1	14.857	12.8	0.1	7.4	7.5	8.3
17	14.0	22.0	17.8	77.0	15.549	13.5	0.0	4.2	4.2	3.4
18	15.0	21.2	17.3	85.2	16.786	14.8	3.4	10.3	13.7	2.6
19	15.0	22.4	17.7	83.1	16.700	14.7	3.0	2.9	5.9	3.3
20	15.6	22.0	18.1	83.8	17.231	15.1	0.8	5.2	6.0	1.9
21	15.0	21.0	16.6	86.5	16.258	14.2	3.2	0.6	3.8	2.0
22	15.6	23.2	18.3	88.5	18.461	16.2	0.8	0.1	0.9	5.4
23	15.4	24.5	18.9	83.2	17.932	15.7	1.0	0.1	1.1	9.0
24	15.6	24.1	19.1	83.6	17.962	15.6	1.8	4.8	6.6	6.7
25	15.5	24.0	18.7	78.8	16.724	14.6	14.1	0.8	14.9	7.9
26	15.5	24.0	19.5	77.2	17.178	15.0	0.0	0.0	0.0	5.7
27	15.4	24.0	18.6	78.1	16.426	14.3	1.5	0.5	2.0	2.9
28	15.1	24.0	18.8	83.0	17.708	15.5	0.3	0.5	0.8	3.1
29	14.8	22.5	18.0	80.8	16.377	14.3	0.8	8.8	9.6	3.6
30	16.0	23.4	19.3	80.8	17.726	15.5	0.0	0.0	0.0	6.4
31	15.4	23.8	18.6	79.6	16.761	14.6	0.0	1.1	1.1	4.5
Prom.	15.2	23.0	18.2	82.9	17.123	15.0	70.3	152.5	222.8	145.9

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	23.5	18.5	84.2	18.044	15.9	0.0	0.5	0.5	4.7
2	15.6	24.0	19.7	74.3	16.784	14.7	0.0	1.6	1.6	5.3
3	15.0	24.5	17.6	83.6	16.733	14.7	22.3	3.0	25.3	3.4
4	15.0	22.0	17.3	82.5	16.111	13.9	15.1	13.1	28.2	2.4
5	14.9	19.0	15.8	94.0	17.099	15.0	12.1	2.1	14.2	0.0
6	14.0	24.0	17.6	76.5	14.853	12.6	0.0	0.0	0.0	8.3
7	16.0	24.0	18.7	79.9	17.053	14.9	0.0	6.7	6.7	4.8
8	15.4	21.0	17.0	86.6	16.831	14.8	10.6	1.7	12.3	0.8
9	14.4	23.6	17.7	80.8	15.970	13.9	0.0	6.0	6.0	7.5
10	15.0	23.6	17.7	89.5	18.233	16.0	1.6	4.3	5.9	3.7
11	14.5	20.5	17.0	89.9	17.307	15.2	1.3	0.3	1.6	1.7
12	15.0	24.8	18.8	79.1	16.574	14.4	0.0	33.3	33.3	4.7
13	15.4	20.0	16.6	89.3	16.920	14.9	2.9	0.4	3.3	0.1
14	14.7	22.6	18.4	80.4	16.542	14.4	0.0	0.5	0.5	5.8
15	15.6	21.0	17.5	80.9	16.089	14.0	2.1	0.0	2.1	2.6
16	14.8	21.6	17.3	81.9	15.994	14.0	1.4	2.1	3.5	1.0
17	15.6	20.9	17.7	87.9	17.723	15.6	1.0	25.6	26.6	0.4
18	15.4	20.0	16.6	91.3	17.295	15.2	4.6	10.4	15.0	0.0
19	14.4	21.4	17.8	84.4	17.217	15.1	4.4	50.4	54.8	4.6
20	15.0	23.0	18.1	82.1	16.821	14.8	0.0	0.0	0.0	2.6
21	15.0	20.5	17.7	92.0	18.579	16.3	0.6	3.0	3.6	0.9
22	15.5	22.0	18.1	80.9	16.575	14.4	6.3	4.1	10.4	1.5
23	15.0	22.8	18.5	79.8	16.738	14.7	3.6	0.2	3.8	4.6
24	14.8	26.6	18.9	69.7	14.427	12.0	0.0	0.0	0.0	5.9
25	15.0	27.0	19.7	56.1	12.831	10.0	0.0	0.0	0.0	9.5
26	16.5	25.0	19.5	76.5	16.720	14.3	0.0	0.0	0.0	2.7
27	14.5	25.8	18.8	77.6	16.620	14.5	0.7	0.0	0.7	7.9
28	14.6	26.0	19.4	67.5	14.859	12.6	0.0	0.0	0.0	6.9
Prom.	15.1	22.9	18.0	81.4	16.555	14.4	90.6	169.3	259.9	104.3

Estación **OSPINA PEREZ**Municipio **CONSACA**Año **1.971**Altitud **1.700** metrosLatitud **1-16 N.**Longitud **77-28 W.****M E S - MARZO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.3	24.9	18.9	75.1	15.933	13.8	0.9	3.9	4.8	6.6
2	13.0	25.0	18.0	74.8	14.760	12.7	1.5	4.3	5.8	5.5
3	16.0	22.0	17.7	83.7	16.819	14.7	1.1	0.5	1.6	2.7
4	16.4	21.4	18.3	88.9	18.687	16.4	2.2	1.0	3.2	0.7
5	15.0	25.9	20.0	72.5	16.263	14.1	0.0	0.0	0.0	9.1
6	15.0	26.4	20.0	74.2	16.557	14.4	0.0	0.0	0.0	9.1
7	15.0	27.0	20.5	61.0	14.502	12.1	0.0	1.3	1.3	7.5
8	17.0	23.0	19.2	85.5	18.965	16.6	0.0	0.0	0.0	4.1
9	16.2	23.8	18.7	79.5	16.933	14.9	0.0	0.0	0.0	2.4
10	14.6	23.4	18.2	81.8	16.946	14.8	0.0	23.2	23.2	1.4
11	15.4	22.6	18.3	84.0	17.571	15.4	0.8	3.0	3.8	0.2
12	15.5	24.4	18.6	82.1	17.301	15.1	3.4	42.6	46.0	3.3
13	15.4	24.2	18.0	85.3	17.524	15.4	6.0	1.9	7.9	2.1
14	16.0	23.4	18.4	82.6	17.452	15.3	0.0	1.0	1.0	4.1
15	16.0	20.4	17.4	89.6	17.913	15.8	0.1	0.3	0.4	0.0
16	15.8	22.0	18.2	85.5	17.881	15.7	6.3	0.3	6.6	1.8
17	16.6	23.3	18.7	81.5	17.391	15.3	1.7	23.2	24.9	3.4
18	15.8	21.5	17.4	91.6	18.209	16.0	6.7	18.9	25.6	1.8
19	15.7	22.5	18.4	85.1	17.865	15.7	8.7	0.6	9.3	3.1
20	16.0	22.4	18.1	85.3	17.510	15.4	11.2	1.4	12.6	1.8
21	15.4	21.4	18.2	87.8	18.122	15.9	0.2	51.1	51.3	2.4
22	15.6	20.2	17.2	94.6	18.634	16.4	7.6	0.6	8.2	0.3
23	15.4	22.2	17.4	85.9	17.049	15.0	2.3	1.9	4.2	1.5
24	15.0	22.4	17.6	83.1	16.489	14.4	0.0	0.0	0.0	2.0
25	16.0	20.9	18.1	87.8	18.061	15.9	0.1	1.1	1.2	0.0
26	15.6	24.3	18.9	74.9	16.214	14.2	6.2	3.7	9.9	3.2
27	15.0	23.8	19.1	76.9	16.676	14.6	0.0	5.7	5.7	3.6
28	14.4	23.6	17.7	80.7	16.270	14.2	22.9	2.8	25.7	2.4
29	15.0	23.9	19.3	78.9	17.097	14.9	0.0	0.4	0.4	3.0
30	15.6	23.9	19.0	80.6	17.502	15.4	0.0	13.2	13.2	2.8
31	16.0	22.5	18.0	78.2	16.110	14.1	1.4	0.9	2.3	2.2
Prom.	15.5	23.2	18.4	81.9	17.136	15.0	91.3	208.8	300.1	94.1

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.2	24.4	18.1	79.9	16.309	14.3	0.0	9.6	9.6	8.6
2	13.4	24.8	18.8	70.7	14.885	12.7	0.0	0.6	0.6	8.9
3	15.2	18.0	16.3	90.9	16.881	14.8	1.3	0.0	1.3	0.0
4	15.0	26.4	19.5	69.5	15.173	13.0	0.0	0.0	0.0	8.2
5	16.5	24.2	19.2	72.8	15.795	13.6	0.0	0.0	0.0	7.8
6	13.8	24.8	18.9	71.1	15.049	13.0	0.0	0.0	0.0	7.7
7	13.0	23.3	17.7	73.4	14.626	12.5	0.0	0.2	0.2	6.5
8	15.0	25.4	19.1	70.0	14.873	12.6	0.6	0.2	0.8	7.7
9	15.6	22.5	18.3	84.6	17.531	15.2	3.4	0.0	3.4	2.8
10	13.6	25.0	18.1	76.1	15.308	13.2	1.1	0.0	1.1	6.1
11	14.8	23.9	19.1	77.4	16.755	14.6	0.0	0.0	0.0	5.0
12	15.8	23.0	18.8	83.0	17.782	15.6	0.0	0.0	0.0	1.1
13	15.0	24.9	19.4	70.3	15.300	13.1	0.0	0.0	0.0	5.4
14	16.0	24.9	19.0	76.2	16.578	14.5	7.7	0.0	7.7	4.0
15	15.0	24.0	18.3	82.8	17.287	15.2	0.4	0.0	0.4	2.5
16	16.0	24.8	19.6	78.5	17.582	15.4	0.0	18.6	18.6	2.9
17	15.2	25.6	19.5	79.5	17.640	15.4	0.1	8.3	8.4	3.4
18	16.0	23.6	18.5	75.3	15.885	13.8	0.3	0.8	1.1	0.5
19	16.0	23.4	18.8	73.5	15.746	13.5	0.0	1.4	1.4	4.3
20	15.5	21.0	17.7	89.1	17.806	15.6	2.1	0.2	2.3	0.2
21	13.4	25.6	19.2	75.7	16.316	14.2	0.0	0.0	0.0	8.1
22	15.0	25.0	18.9	84.9	18.608	16.3	2.2	10.4	12.6	5.1
23	15.5	21.4	18.0	89.4	18.703	16.3	6.4	1.9	8.3	2.3
24	14.8	24.9	19.2	74.0	15.737	13.6	0.0	0.0	0.0	4.6
25	15.8	26.4	20.7	58.6	14.162	11.3	0.0	0.0	0.0	7.5
26	14.8	25.0	19.9	74.2	16.701	14.4	0.0	0.0	0.0	8.3
27	15.0	28.3	18.6	69.3	14.260	11.9	0.5	39.4	39.9	8.1
28	14.8	23.9	18.8	86.6	18.575	16.3	0.2	0.7	0.9	4.1
29	14.4	25.8	19.7	77.1	17.022	14.7	0.0	0.0	0.0	9.7
30	14.0	25.0	19.0	76.1	16.040	13.8	0.4	0.0	0.4	7.1
Prom.	14.9	24.3	18.8	77.0	16.364	14.1	26.7	92.3	119.0	158.5

Estación OSPINA PEREZ

Municipio CONSACA

Año 1.971

Altitud 1.700 metros

Latitud 1-16 N.

Longitud 77-28 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.6	22.5	19.0	83.1	18.132	15.9	1.1	8.4	9.5	1.5
2	15.3	23.0	18.3	79.8	17.070	15.0	2.9	6.3	9.2	2.5
3	14.2	21.6	18.1	88.9	18.468	16.2	8.1	2.5	10.6	4.3
4	15.5	23.0	18.4	82.4	17.143	15.0	1.3	0.4	1.7	4.6
5	16.0	24.0	19.1	79.2	17.268	15.2	0.0	33.3	33.3	6.2
6	15.2	20.0	17.1	82.1	15.998	13.9	0.2	0.0	0.2	1.2
7	15.4	23.9	19.2	78.6	17.219	15.1	0.1	0.2	0.3	5.3
8	15.4	23.2	19.0	76.0	16.331	14.2	2.7	0.9	3.6	3.9
9	13.0	23.9	18.7	79.1	16.705	14.5	0.0	0.0	0.0	8.3
10	14.4	23.4	19.1	82.4	18.217	16.0	0.3	0.0	0.3	7.5
11	15.2	23.9	18.9	79.2	16.913	14.8	1.9	0.0	1.9	5.8
12	14.4	23.9	19.2	83.8	18.245	16.0	0.2	0.0	0.2	6.2
13	15.0	24.9	19.8	77.7	17.397	15.1	0.0	4.4	4.4	8.8
14	16.3	22.0	18.4	86.9	18.457	16.3	3.0	8.2	11.2	0.4
15	15.6	24.0	18.3	83.6	17.579	15.4	4.2	2.7	6.9	2.4
16	16.0	20.3	18.2	93.1	19.686	17.2	0.0	0.0	0.0	6.2
17	16.2	23.3	18.8	85.3	18.319	16.1	0.0	0.0	0.0	4.0
18	15.0	24.9	19.5	78.6	17.385	15.2	0.0	0.0	0.0	7.8
19	16.3	24.5	19.6	77.0	17.127	15.0	0.0	1.2	1.2	4.9
20	16.0	20.6	18.4	86.7	18.055	15.8	0.2	0.4	0.6	0.0
21	15.1	23.8	19.1	72.7	15.612	13.5	0.3	0.3	0.6	8.5
22	14.7	23.5	18.1	69.8	14.252	12.1	1.0	15.1	16.1	4.3
23	15.6	22.4	18.6	72.2	15.263	13.2	0.0	0.8	0.8	1.0
24	14.1	23.5	18.5	76.4	16.048	14.0	10.6	14.6	25.2	4.6
25	14.8	22.5	17.8	82.5	16.782	14.7	6.2	0.0	6.2	3.1
26	14.3	24.2	18.4	80.7	16.916	14.8	0.0	0.0	0.0	9.9
27	15.0	25.0	19.9	78.0	17.667	15.4	0.0	7.3	7.3	4.8
28	14.6	24.4	18.5	80.1	16.890	14.8	0.0	0.0	0.0	3.1
29	15.4	24.4	19.9	65.2	15.076	13.0	0.0	0.0	0.0	5.9
30	16.5	24.5	18.7	75.1	16.281	14.2	0.0	0.0	0.0	6.6
31	13.6	26.0	18.8	63.9	13.290	10.9	0.0	0.0	0.0	6.7
Prom.	15.2	23.4	18.8	79.4	16.961	14.8	44.3	107.0	151.3	150.3

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.5	22.6	18.4	81.1	17.148	15.1	0.5	1.0	1.5	2.4
2	14.8	23.9	18.4	76.4	16.046	14.0	0.0	0.0	0.0	5.7
3	15.6	26.8	19.7	69.8	15.676	13.7	0.0	0.0	0.0	5.4
4	16.0	24.2	19.1	75.5	16.534	14.4	0.2	6.3	6.5	5.4
5	15.4	21.8	17.9	86.2	17.634	15.5	7.0	0.3	7.3	0.9
6	15.3	22.2	18.6	81.5	17.215	15.1	0.8	26.5	27.3	1.8
7	16.2	21.5	18.0	87.3	17.876	15.7	3.7	2.3	6.0	0.5
8	14.3	22.6	18.4	77.6	16.073	14.0	0.0	0.0	0.0	4.7
9	13.4	22.5	18.2	67.5	13.914	11.3	1.7	11.6	13.3	3.9
10	13.8	22.6	17.4	84.2	16.590	14.5	4.6	5.4	10.0	1.9
11	14.6	22.2	17.6	83.8	16.710	14.7	1.7	14.3	16.0	4.9
12	14.8	20.0	17.2	86.0	16.788	14.7	3.1	0.3	3.4	0.3
13	14.7	23.0	18.4	77.1	16.103	14.0	3.5	12.5	16.0	4.2
14	14.8	23.0	18.1	79.8	16.538	14.5	7.4	2.2	9.6	5.4
15	14.4	22.8	17.9	83.6	17.182	15.1	0.0	0.0	0.0	4.1
16	14.9	22.6	18.2	78.2	16.044	14.0	0.0	3.5	3.5	4.0
17	14.5	21.9	18.5	75.2	15.951	13.7	0.6	0.0	0.6	3.2
18	15.1	21.0	17.0	84.6	16.410	14.4	3.4	5.9	9.3	1.8
19	14.8	20.0	16.5	88.8	16.656	14.6	4.6	0.0	4.6	1.8
20	14.4	23.9	18.8	83.4	18.005	15.8	0.2	1.7	1.9	6.5
21	15.1	22.8	17.8	77.4	15.487	13.3	0.3	0.1	0.4	4.8
22	12.0	22.4	17.6	74.2	14.362	12.3	0.0	0.0	0.0	6.9
23	13.0	27.5	19.9	56.0	12.197	9.2	0.0	0.0	0.0	9.9
24	14.9	24.5	20.2	45.5	9.970	5.8	0.0	0.0	0.0	7.2
25	14.1	24.0	19.0	59.5	13.037	10.6	0.0	0.0	0.0	6.0
26	13.9	23.9	18.1	77.9	16.040	14.0	1.4	0.0	1.4	2.9
27	13.8	23.9	18.8	74.2	15.611	13.4	0.0	3.7	3.7	6.2
28	15.8	21.5	18.2	84.5	17.545	15.4	0.0	0.0	0.0	3.4
29	12.2	23.0	18.0	76.3	15.545	13.4	0.0	0.0	0.0	5.8
30	12.6	23.3	18.9	67.2	14.593	12.3	0.0	0.0	0.0	7.8
Prom.	14.5	22.9	18.3	76.7	15.849	13.6	42.7	97.6	140.3	129.7

Estación OSPINA PEREZ

Municipio CONSACA

Año 1.971

Altitud 1.700 metros

Latitud 1-16 N.

Longitud 77-28 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	24.0	18.5	74.7	15.730	13.7	0.0	0.0	0.0	3.4
2	14.9	23.6	17.7	74.7	14.877	12.8	0.0	1.9	1.9	4.2
3	14.9	22.8	17.3	83.2	16.357	14.3	0.9	0.0	0.9	5.0
4	14.8	22.9	18.6	78.2	16.446	14.3	0.1	3.2	3.3	4.8
5	15.6	25.2	19.4	65.1	14.434	12.2	0.1	0.1	0.2	7.8
6	13.9	22.4	17.9	81.0	16.276	14.2	0.0	6.7	6.7	4.8
7	14.4	22.6	17.5	81.1	16.202	14.2	1.0	11.4	12.4	5.2
8	14.9	23.3	18.8	78.7	16.555	14.3	0.0	0.0	0.0	2.5
9	14.9	25.2	20.2	57.6	13.163	11.0	0.0	0.0	0.0	8.3
10	15.6	25.2	19.6	62.0	13.880	11.7	0.0	0.0	0.0	6.9
11	13.9	25.0	19.7	71.4	16.300	14.0	0.0	0.0	0.0	8.1
12	15.6	23.9	18.5	77.9	16.498	14.4	0.2	0.0	0.2	6.8
13	14.2	24.0	18.5	72.1	15.006	13.0	0.0	0.1	0.1	6.8
14	14.9	25.0	19.2	55.6	11.764	9.1	0.0	0.0	0.0	8.9
15	16.9	24.6	20.0	25.1	5.730	0.4	0.0	0.0	0.0	10.4
16	15.4	26.0	20.1	28.1	6.737	1.4	0.0	0.0	0.0	10.8
17	15.1	27.2	19.6	42.6	9.394	5.3	0.0	0.0	0.0	7.1
18	13.0	27.7	19.7	58.9	12.829	10.5	0.0	0.0	0.0	10.3
19	16.0	29.0	21.8	32.9	8.185	4.0	0.0	0.1	0.1	9.2
20	17.0	28.4	21.8	34.8	8.838	5.1	0.0	0.0	0.0	10.3
21	16.6	28.0	21.1	54.7	13.362	10.8	0.0	0.0	0.0	7.4
22	14.5	26.5	20.7	48.8	10.919	7.5	0.0	0.0	0.0	6.3
23	14.8	25.4	20.2	43.2	9.364	5.7	0.0	0.0	0.0	9.2
24	15.9	24.6	19.1	65.3	14.765	12.8	0.0	0.0	0.0	5.6
25	12.5	25.0	19.0	66.3	13.944	11.6	0.0	0.0	0.0	6.2
26	15.6	24.5	18.2	76.7	15.712	13.5	0.3	10.4	10.7	2.5
27	15.5	24.5	19.0	73.6	15.639	13.5	0.0	0.0	0.0	4.2
28	13.0	24.8	18.5	63.8	12.879	10.5	0.0	0.0	0.0	6.2
29	13.1	25.5	17.6	72.9	14.305	12.2	0.0	0.0	0.0	5.8
30	13.8	23.9	18.3	77.3	15.951	14.0	0.0	0.0	0.0	2.7
31	13.0	25.4	18.1	76.2	15.347	13.1	0.0	0.0	0.0	2.6
Prom.	14.8	25.0	19.2	63.0	13.464	10.8	2.6	33.9	36.5	200.5

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.2	26.4	21.6	52.6	13.448	11.2	0.1	0.0	0.1	5.2
2	17.0	27.3	22.1	67.1	17.333	15.0	0.0	0.0	0.0	6.5
3	18.0	25.4	21.4	78.7	19.825	17.3	0.7	0.0	0.7	2.8
4	16.4	25.4	20.1	71.0	16.474	14.3	1.5	12.5	14.0	2.8
5	16.2	24.4	20.8	78.4	18.747	16.3	0.0	0.0	0.0	4.3
6	15.0	24.4	19.9	78.4	18.135	15.8	4.5	0.1	4.6	4.8
7	15.6	25.0	20.5	82.2	19.451	17.0	0.0	0.4	0.4	4.2
8	16.8	24.4	20.1	80.6	18.862	16.4	0.0	0.0	0.0	3.5
9	14.4	26.5	20.8	70.2	16.504	14.2	0.0	0.0	0.0	7.9
10	14.2	26.8	21.1	67.0	16.419	14.2	0.0	0.0	0.0	6.0
11	15.5	26.0	21.0	77.8	18.704	16.2	0.0	0.0	0.0	6.3
12	14.8	26.8	21.2	68.6	16.772	14.3	0.0	0.2	0.2	7.4
13	17.5	29.0	21.6	71.0	17.173	14.3	0.4	0.3	0.7	6.0
14	17.0	24.5	20.5	80.4	19.124	16.7	0.0	0.0	0.0	0.2
15	14.5	25.0	20.1	80.9	18.628	16.2	0.0	0.0	0.0	0.9
16	16.5	24.2	20.3	79.5	18.668	16.3	0.0	0.0	0.0	1.6
17	14.5	26.2	21.2	76.3	18.655	16.3	1.5	0.3	1.8	5.9
18	16.5	24.5	20.8	78.9	19.081	16.6	1.0	0.0	1.0	4.2
19	16.5	24.5	20.3	83.5	19.865	17.4	0.4	0.0	0.4	4.0
20	16.0	25.0	20.4	77.5	18.202	15.9	0.0	0.0	0.0	2.6
21	15.2	27.0	21.6	74.9	18.733	16.3	0.0	0.0	0.0	6.9
22	16.0	28.0	22.3	68.4	17.832	15.4	0.0	0.0	0.0	9.2
23	17.0	29.0	22.3	61.3	15.918	13.5	0.0	8.9	8.9	10.5
24	17.6	27.0	21.9	53.9	14.279	12.1	0.0	1.3	1.3	4.2
25	17.2	27.0	21.2	74.5	18.323	15.9	0.0	0.0	0.0	5.2
26	17.6	25.4	21.4	62.6	15.510	13.0	0.0	0.0	0.0	4.0
27	16.2	28.8	21.7	64.5	16.021	13.7	0.0	0.0	0.0	7.7
28	16.5	27.4	22.1	55.4	14.121	12.0	0.0	0.0	0.0	5.9
29	18.0	29.2	22.9	36.8	10.436	7.3	0.0	0.0	0.0	7.5
30	18.2	28.8	22.7	51.3	13.722	11.5	0.0	0.0	0.0	7.5
31	15.6	29.6	22.5	55.3	14.338	11.6	0.0	0.0	0.0	6.3
Prom.	16.3	26.4	21.2	69.7	17.068	14.7	10.1	24.0	34.1	162.0

Estación OSPINA PEREZ
Altitud 1.700 metros

Municipio CONSACA
Latitud 1-16 N.

Año 1.971
Longitud 77-28 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	26.2	21.0	77.1	18.923	16.6	0.0	0.0	0.0	6.3
2	18.0	27.2	21.5	71.9	17.985	15.6	0.0	0.0	0.0	5.3
3	17.5	24.7	21.2	72.9	18.019	15.8	0.0	0.0	0.0	1.9
4	17.0	23.2	19.5	85.0	19.165	16.8	7.8	0.5	8.3	0.8
5	16.0	26.4	20.8	73.6	17.725	15.5	2.7	10.7	13.4	5.4
6	16.5	27.0	19.8	74.7	16.679	14.2	6.9	3.2	10.1	6.8
7	16.0	23.3	19.2	81.7	17.928	15.8	3.5	9.3	12.8	4.6
8	16.0	23.0	19.6	89.4	20.185	17.6	2.1	33.4	35.5	2.3
9	16.0	24.0	20.4	71.5	17.186	15.1	3.6	0.0	3.6	2.3
10	16.0	29.0	21.6	68.5	16.985	14.8	0.0	0.0	0.0	9.7
11	16.0	28.0	22.0	68.9	17.962	15.5	0.0	0.0	0.0	8.1
12	16.9	26.8	21.3	82.4	20.621	18.0	0.0	0.0	0.0	3.0
13	17.5	25.2	20.9	76.5	18.697	16.4	0.0	0.0	0.0	3.7
14	14.0	27.0	20.5	66.2	15.551	13.2	0.0	0.0	0.0	7.6
15	15.0	27.0	20.9	67.9	16.519	14.2	0.0	0.0	0.0	6.9
16	18.0	24.4	20.4	82.6	19.756	17.3	0.0	0.0	0.0	1.6
17	17.0	27.8	20.9	76.4	18.377	16.0	0.0	0.0	0.0	5.1
18	17.0	26.6	21.2	70.1	16.962	14.7	0.0	0.0	0.0	4.2
19	15.5	27.0	21.7	58.0	14.803	12.4	0.0	0.0	0.0	8.1
20	17.0	25.0	21.0	78.6	19.474	17.1	0.0	5.8	5.8	3.5
21	18.0	25.0	20.3	79.6	18.735	16.3	13.4	0.0	13.4	1.7
22	15.6	28.0	21.4	73.6	18.305	16.0	0.0	0.0	0.0	8.1
23	16.6	28.0	21.9	66.4	16.176	13.3	0.0	0.0	0.0	7.6
24	17.2	27.5	21.9	73.0	18.478	16.0	0.0	0.0	0.0	2.1
25	16.0	24.4	20.7	82.6	20.112	17.6	2.2	2.8	5.0	3.1
26	17.4	29.8	22.7	77.1	20.680	18.0	0.0	0.0	0.0	4.4
27	16.1	29.6	22.0	71.5	17.773	15.3	0.0	0.0	0.0	9.1
28	16.8	25.0	20.4	73.9	17.433	15.3	0.6	0.0	0.6	2.9
29	16.4	29.9	21.4	68.4	16.539	14.1	0.0	0.0	0.0	9.2
30	16.6	27.0	21.3	77.8	19.202	16.7	0.0	0.0	0.0	5.2
Prom.	16.5	26.4	21.0	74.6	18.098	15.7	42.8	65.7	108.5	150.6

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.4	25.0	20.1	82.5	19.106	16.8	21.7	11.5	33.2	2.0
2	17.0	25.5	20.1	82.1	19.180	16.8	3.0	2.5	5.5	2.0
3	17.4	24.8	20.6	87.2	21.443	18.6	0.3	7.4	7.7	1.4
4	15.5	25.0	20.5	75.8	17.885	15.7	2.2	3.7	5.9	0.8
5	17.2	24.9	20.1	89.4	21.082	18.3	4.0	0.1	4.1	1.9
6	17.0	26.5	21.6	79.8	20.446	17.8	0.0	0.0	0.0	4.1
7	17.0	27.0	21.3	78.1	19.219	16.6	1.2	0.1	1.3	5.3
8	17.0	26.6	21.2	77.8	19.058	16.4	2.3	6.0	8.3	5.9
9	17.0	26.4	21.1	82.2	20.427	17.8	12.4	0.2	12.6	4.4
10	18.0	26.0	21.1	82.0	20.393	17.7	3.4	14.0	17.4	3.7
11	17.0	27.2	20.9	78.4	18.833	16.4	3.8	7.9	11.7	4.7
12	17.2	25.5	21.0	86.3	21.375	18.5	25.3	3.4	28.7	2.5
13	17.0	27.0	22.1	66.1	17.197	14.5	0.0	0.0	0.0	8.8
14	15.8	26.4	21.1	62.8	15.385	12.9	0.0	1.4	1.4	5.6
15	17.0	26.5	21.4	78.3	19.493	17.0	1.2	0.0	1.2	4.8
16	17.0	24.4	20.6	82.6	19.948	17.4	2.0	2.9	4.9	3.1
17	17.8	23.5	20.1	88.4	20.607	18.0	4.6	1.2	5.8	1.8
18	17.0	24.4	19.8	80.3	18.310	16.1	0.8	0.0	0.8	6.3
19	17.0	26.3	20.0	78.6	17.957	15.4	0.1	1.8	1.9	6.8
20	16.0	26.0	21.4	78.7	19.779	17.2	5.0	0.1	5.1	8.5
21	16.4	25.0	19.8	83.7	19.281	16.9	0.3	4.2	4.5	3.7
22	17.0	27.0	20.7	78.7	18.793	16.4	0.0	4.2	4.2	8.6
23	16.3	25.0	20.5	76.9	18.080	15.7	0.7	18.9	19.6	6.1
24	16.3	25.0	20.3	85.8	20.555	17.9	3.9	16.4	20.3	3.0
25	17.2	25.0	20.1	82.4	19.376	17.0	2.1	1.8	3.9	1.7
26	16.6	26.8	21.0	78.8	19.085	16.7	0.0	7.3	7.3	10.7
27	17.5	26.0	21.0	80.3	19.562	17.0	0.0	2.0	2.0	3.7
28	18.0	25.0	20.8	83.5	20.155	17.4	10.7	0.3	11.0	6.2
29	18.0	25.6	20.6	83.5	19.942	17.2	6.4	22.1	28.5	1.6
30	17.0	24.0	20.1	91.4	21.442	18.6	7.2	11.3	18.5	1.5
31	16.0	22.8	20.0	89.4	20.674	18.0	1.1	2.8	3.9	0.6
Prom.	16.9	25.6	20.7	81.0	19.486	16.9	125.7	155.5	281.2	131.8

Estación OSPINA PEREZ

Municipio CONSACA

Año 1.971

Altitud 1.700 metros

Latitud 1-16 N.

Longitud 77-28 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	23.4	18.9	77.3	16.806	14.7	0.6	5.9	6.5	4.6
2	14.5	24.4	18.6	81.5	17.038	14.9	0.0	16.8	16.8	5.5
3	14.8	23.2	17.9	80.7	16.195	14.1	0.5	18.0	18.5	3.9
4	14.9	23.0	17.5	85.9	17.097	15.0	0.0	1.7	1.7	2.5
5	13.9	24.0	18.3	77.3	15.553	13.4	0.0	0.1	0.1	8.8
6	16.0	21.5	18.2	89.5	18.626	16.4	4.3	8.1	12.4	1.1
7	16.0	21.0	17.7	88.8	17.983	15.8	8.5	2.0	10.5	0.0
8	15.9	23.0	18.6	91.2	19.603	17.2	0.8	0.0	0.8	2.4
9	15.0	22.5	18.2	85.3	17.654	15.5	0.0	0.0	0.0	6.1
10	14.6	22.5	17.7	84.6	17.051	15.0	0.8	0.1	0.9	6.6
11	12.4	23.2	18.2	79.1	16.148	14.1	0.0	0.0	0.0	8.4
12	14.4	24.2	18.5	79.1	16.484	14.4	0.0	0.3	0.3	9.0
13	15.2	24.0	19.2	79.9	17.271	15.0	0.0	0.0	0.0	9.7
14	15.6	22.6	17.9	82.0	16.572	14.4	2.1	3.8	5.9	5.8
15	14.0	23.0	18.7	82.4	17.563	15.4	0.0	4.5	4.5	4.1
16	15.6	22.5	18.2	86.9	18.331	16.1	3.5	2.3	5.8	4.6
17	15.2	23.0	18.3	85.8	17.738	15.6	1.7	6.1	7.8	3.8
18	14.3	21.5	17.2	84.2	16.513	14.5	0.0	8.4	8.4	0.7
19	14.6	21.9	16.7	89.5	17.162	15.1	2.4	1.6	4.0	5.1
20	13.9	20.5	16.6	86.4	16.464	14.5	0.3	0.0	0.3	1.3
21	13.6	23.0	17.7	79.4	15.481	13.3	0.0	0.0	0.0	9.0
22	15.4	24.0	17.8	86.2	17.369	15.2	0.0	7.1	7.1	3.8
23	15.5	24.6	18.8	83.5	17.664	15.4	0.0	30.5	30.5	7.4
24	12.2	22.6	17.0	84.5	16.073	14.0	0.0	0.0	0.0	6.2
25	14.6	23.0	18.0	81.7	16.327	14.2	0.0	0.0	0.0	7.4
26	14.8	23.5	17.8	85.4	17.201	15.0	0.5	0.5	1.0	3.4
27	14.8	23.5	17.4	84.5	16.517	14.4	0.8	8.3	9.1	6.9
28	15.0	22.4	17.4	87.3	17.396	15.3	9.5	2.2	11.7	2.0
29	15.1	22.0	17.5	88.8	17.789	15.7	2.1	3.0	5.1	4.5
30	14.1	23.5	17.8	87.6	17.733	15.6	0.0	6.4	6.4	5.5
Prom.	14.8	22.9	17.9	84.2	17.113	15.0	38.4	137.7	176.1	150.1

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	22.0	17.5	86.8	17.394	15.3	7.7	0.8	8.5	2.6
2	15.4	22.0	17.7	91.5	18.615	16.4	1.4	7.1	8.5	3.1
3	14.9	23.6	17.5	84.9	16.939	14.8	14.1	7.8	21.9	5.7
4	14.9	21.2	17.6	87.6	17.632	15.5	4.7	0.9	5.6	2.0
5	12.5	22.6	17.6	86.8	17.202	15.1	0.0	0.0	0.0	6.8
6	15.4	23.9	18.5	82.6	17.101	14.8	0.0	0.0	0.0	1.9
7	14.6	23.3	18.6	90.1	19.367	17.0	0.0	0.0	0.0	5.1
8	12.6	26.6	19.0	72.6	15.175	13.0	0.0	0.0	0.0	8.7
9	12.9	23.2	18.1	77.6	15.620	13.5	0.0	0.0	0.0	5.6
10	12.4	25.4	19.3	72.8	15.951	13.8	0.0	0.0	0.0	10.6
11	12.9	24.6	19.2	77.4	16.810	14.6	0.0	0.0	0.0	9.1
12	13.9	24.9	18.6	81.5	17.179	15.1	0.0	0.0	0.0	4.9
13	15.4	24.5	19.2	84.0	18.264	16.0	0.0	0.0	0.0	4.6
14	12.0	27.5	18.5	76.3	16.116	14.0	0.0	0.0	0.0	8.1
15	12.8	25.0	18.6	84.0	17.550	15.3	0.0	0.0	0.0	8.8
16	13.5	26.8	18.7	81.1	17.058	14.9	0.0	0.0	0.0	4.3
17	13.5	25.2	18.9	79.0	17.058	14.9	0.5	6.1	6.6	8.5
18	13.9	23.4	18.3	81.1	16.614	14.5	0.0	0.5	0.5	6.2
19	12.6	23.6	17.7	78.0	16.041	13.9	0.0	0.0	0.0	9.7
20	13.2	24.0	17.9	81.2	16.534	14.5	0.0	12.5	12.5	6.5
21	14.8	21.2	17.3	87.8	17.274	15.2	0.0	6.9	6.9	1.5
22	14.9	22.4	17.5	86.8	17.256	15.2	4.5	4.8	9.3	2.1
23	13.6	22.4	17.5	88.8	17.808	15.7	0.0	16.3	16.3	0.8
24	15.2	23.2	17.9	84.9	17.455	15.4	1.0	0.0	1.0	6.1
25	14.6	21.0	17.4	90.2	17.905	15.7	12.7	3.7	16.4	0.7
26	13.5	23.1	17.9	83.0	16.899	14.8	0.0	0.0	0.0	6.2
27	13.8	22.0	17.7	87.4	17.735	15.6	2.9	1.0	3.9	3.8
28	14.2	22.5	17.7	89.7	18.183	16.0	15.0	2.6	17.6	2.7
29	13.4	24.5	19.3	81.2	17.720	15.6	2.9	41.5	44.4	4.3
30	14.0	22.0	17.8	89.1	17.914	15.7	0.0	0.0	0.0	2.1
31	14.4	22.5	18.0	85.2	17.599	15.4	3.1	0.0	3.1	5.4
Prom.	13.9	23.6	18.2	83.6	17.225	15.1	70.5	112.5	183.0	158.5

Estación **OSPINA PEREZ**Municipio **CONSACA**Año **1.971**Altitud **1.700** MetrosLatitud **1-16 N.**Longitud **77-28 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día llov.	
ENERO	15.2	23.0	18.2	13.0	25.0	82.9	17.123	15.0	222.8	25	145.9
FEBRERO	15.1	22.9	18.0	14.0	27.0	81.4	16.555	14.4	259.9	22	104.3
MARZO	15.5	23.2	18.4	13.0	27.0	81.9	17.136	15.0	300.1	26	94.1
ABRIL	14.9	24.3	18.8	13.0	28.3	77.0	16.364	14.1	119.0	19	158.5
MAYO	15.2	23.4	18.8	13.0	26.0	79.4	16.961	14.8	151.3	22	150.3
JUNIO	14.5	22.9	18.3	12.0	27.5	76.7	15.849	13.6	140.3	19	129.7
JULIO	14.8	25.0	19.2	12.5	29.0	63.0	13.464	10.8	36.5	10	200.5
AGOSTO	16.3	26.4	21.2	14.2	29.6	69.7	17.068	14.7	34.1	12	162.0
SEPTIEMBRE	16.5	26.4	21.0	14.0	29.9	74.6	18.098	15.7	108.5	10	150.6
OCTUBRE	16.9	25.6	20.7	15.5	27.2	81.0	19.486	16.9	281.2	29	131.8
NOVIEMBRE	14.8	22.9	17.9	12.2	24.6	84.2	17.113	15.0	176.1	24	150.1
DICIEMBRE	13.9	23.6	18.2	12.0	27.5	83.6	17.225	15.1	183.0	16	158.5
PROMEDIO	15.3	24.1	19.1	13.2	27.4	78.0	16.870	14.6			
TOTAL									2012.8	234	1736.3

Estación FRANCISCO ROMERO

Municipio SALAZAR

Año 1.971

Altitud 1.000 metros

Latitud 7-46 N.

Longitud 72-48 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	28.0	21.8	69.8	18.173	15.9	0.0	0.0	0.0	7.3
2	18.0	27.0	21.6	74.4	19.149	16.7	0.1	3.4	3.5	1.5
3	18.0	27.5	21.7	70.4	18.458	15.9	0.0	0.3	0.3	4.1
4	18.0	25.5	20.7	87.1	21.305	18.5	19.2	0.0	19.2	1.3
5	15.0	26.5	21.3	81.3	19.914	17.3	0.0	0.4	0.4	4.4
6	15.0	25.4	20.4	87.2	20.825	18.1	0.0	0.0	0.0	0.8
7	15.0	26.9	20.9	79.3	19.027	16.6	15.0	82.0	97.0	8.0
8	16.0	25.4	20.3	88.2	20.795	18.1	0.4	0.4	0.8	1.6
9	15.6	25.9	20.2	83.5	19.263	16.8	14.9	0.4	15.3	4.6
10	15.4	26.6	20.5	80.2	18.705	16.3	6.4	0.4	6.8	0.9
11	17.0	25.9	20.8	85.9	20.991	18.2	14.6	22.0	36.6	1.8
12	17.5	26.5	20.5	90.2	21.828	18.9	34.3	15.5	49.8	2.3
13	18.0	23.9	21.0	88.8	21.903	18.9	0.9	0.6	1.5	0.3
14	18.3	24.9	21.0	88.3	21.936	18.9	0.0	0.1	0.1	0.9
15	17.3	25.6	21.6	84.0	21.121	18.3	0.0	4.9	4.9	5.1
16	18.1	26.9	21.3	80.7	20.351	17.8	35.5	30.7	66.2	1.6
17	18.2	24.9	21.2	86.3	21.499	18.6	0.7	8.0	8.7	0.6
18	18.0	25.9	21.2	86.9	21.706	18.8	3.6	6.3	9.9	3.3
19	17.0	27.0	21.7	81.4	20.635	18.0	0.0	0.0	0.0	4.6
20	17.5	25.3	21.1	87.3	21.733	18.8	14.3	2.9	17.2	2.7
21	18.0	24.0	20.5	90.2	21.768	18.9	2.2	2.3	4.5	0.3
22	17.5	25.9	21.0	85.9	21.072	18.3	0.0	0.0	0.0	3.8
23	15.6	27.0	21.5	75.6	18.574	16.1	8.7	58.5	67.2	6.4
24	16.0	23.0	19.3	90.8	20.276	17.7	2.2	0.0	2.2	0.5
25	17.2	23.0	19.5	91.5	20.610	18.0	0.0	0.3	0.3	0.6
26	17.1	25.0	20.4	85.0	20.121	17.6	0.3	65.6	65.9	1.9
27	17.0	25.0	20.2	82.6	19.252	16.8	17.4	3.1	20.5	0.9
28	17.0	21.9	19.0	94.7	21.035	18.3	0.3	0.0	0.3	0.0
29	17.0	26.0	20.6	85.7	20.422	17.8	0.1	0.1	0.2	1.5
30	17.0	24.9	20.6	82.9	20.066	17.5	0.0	0.0	0.0	2.6
31	17.0	26.9	21.9	81.1	20.757	18.0	0.0	16.6	16.6	3.4
Prom.	17.0	25.6	20.8	84.1	20.426	17.8	191.1	324.8	515.9	79.6

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.9	24.0	20.1	89.1	20.936	18.2	0.1	16.4	16.5	2.0
2	17.6	21.8	18.7	93.6	20.427	17.8	6.4	4.2	10.6	0.3
3	17.0	21.4	18.9	94.4	20.524	17.9	0.0	0.0	0.0	0.0
4	16.5	25.0	20.6	83.2	19.848	17.3	0.2	2.6	2.8	0.9
5	16.5	24.0	20.7	88.3	21.373	18.5	0.0	0.5	0.5	0.0
6	16.0	24.0	20.3	86.8	20.550	17.9	0.0	0.0	0.0	0.5
7	17.1	25.5	21.1	83.3	20.525	17.9	0.0	0.0	0.0	2.8
8	17.0	27.0	21.0	76.9	18.217	15.7	0.0	6.5	6.5	6.9
9	16.8	24.0	19.1	86.2	18.949	16.6	0.0	0.0	0.0	0.5
10	15.6	22.6	19.3	90.1	19.885	17.4	0.0	0.0	0.0	0.1
11	15.0	24.9	19.6	83.2	18.600	16.3	0.0	0.0	0.0	4.5
12	15.1	27.6	21.6	73.1	17.668	15.2	0.0	0.0	0.0	7.5
13	16.8	25.0	20.1	84.1	19.799	17.3	0.0	0.0	0.0	0.2
14	16.8	26.5	20.9	77.3	18.887	16.5	0.0	0.0	0.0	2.3
15	15.2	26.5	21.1	79.3	18.959	16.4	4.1	22.5	26.6	4.5
16	17.0	26.0	20.9	84.1	20.369	17.7	7.5	12.3	19.8	3.2
17	18.0	22.0	18.8	93.8	20.437	17.8	3.7	1.8	5.5	0.0
18	17.0	23.0	19.8	83.6	19.036	16.6	14.6	2.0	16.6	0.4
19	17.5	24.0	20.2	83.6	19.517	17.0	0.3	0.0	0.3	0.4
20	17.6	25.0	21.8	88.3	22.759	19.5	0.0	0.0	0.0	0.8
21	18.0	28.0	22.0	72.7	18.717	16.3	0.0	0.0	0.0	3.4
22	18.4	26.5	21.2	80.2	20.032	17.4	9.2	0.1	9.3	1.4
23	17.5	25.9	20.1	88.2	20.753	18.1	1.3	0.0	1.3	1.4
24	16.0	28.0	21.4	71.4	17.570	15.3	0.0	0.0	0.0	7.7
25	17.5	27.7	21.4	78.8	19.709	17.2	0.0	0.0	0.0	4.4
26	17.5	28.0	22.2	76.1	20.069	17.5	0.0	0.0	0.0	1.6
27	18.0	27.9	22.3	80.3	21.070	18.3	0.0	0.0	0.0	5.3
28	17.6	28.2	21.5	79.1	19.936	17.3	33.7	0.0	33.7	6.3
Prom.	16.9	25.4	20.6	83.2	19.826	17.2	81.9	68.9	150.8	69.3

Estación FRANCISCO ROMERO

Municipio SALAZAR

Año 1.971

Altitud 1.000 metros

Latitud 7-46 N.

Longitud 72-48 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.1	20.0	18.5	98.0	20.895	18.2	2.8	0.0	2.8	0.0
2	17.0	24.0	20.4	81.3	19.189	16.7	0.0	0.0	0.0	0.7
3	16.5	26.5	21.9	72.0	18.065	15.7	12.5	8.2	20.7	1.0
4	17.6	27.0	22.4	70.4	18.541	16.3	0.0	1.1	1.1	4.9
5	18.0	23.3	20.3	88.4	21.009	18.3	0.5	0.0	0.5	0.2
6	18.0	24.4	20.3	82.9	19.709	17.3	0.0	0.0	0.0	0.0
7	18.3	26.0	21.3	77.4	19.362	17.0	0.0	0.0	0.0	0.9
8	18.5	26.0	22.1	80.8	21.284	18.4	0.0	0.8	0.8	1.8
9	17.3	26.5	22.0	81.4	20.917	18.1	0.0	0.9	0.9	2.6
10	18.5	26.5	22.1	82.4	21.509	18.6	0.0	0.0	0.0	0.1
11	17.0	26.3	22.0	81.8	21.336	18.5	3.3	0.0	3.3	2.4
12	17.5	27.6	22.6	78.8	21.234	18.4	0.0	0.0	0.0	6.0
13	17.8	26.2	22.2	82.4	21.623	18.7	0.0	0.0	0.0	3.2
14	18.0	28.0	22.0	78.9	20.557	17.9	21.4	0.0	21.4	3.8
15	17.0	24.5	20.8	91.3	22.557	19.4	0.0	0.0	0.0	0.0
16	18.0	23.9	21.0	94.2	23.456	20.0	0.5	2.7	3.2	0.0
17	18.5	21.5	19.4	99.1	22.514	19.4	0.7	15.1	15.8	0.0
18	17.9	20.0	18.7	99.4	21.393	18.6	5.8	0.0	5.8	0.0
19	17.0	21.9	18.9	94.6	20.507	17.9	0.0	0.0	0.0	0.2
20	18.0	23.5	20.3	89.1	21.286	18.5	0.1	2.9	3.0	0.1
21	18.0	26.0	21.3	83.2	20.673	17.9	9.5	8.2	17.7	2.7
22	17.0	23.0	20.0	91.5	21.472	18.6	0.2	0.0	0.2	0.0
23	17.0	23.3	20.3	85.9	20.299	17.7	0.0	0.0	0.0	3.0
24	17.4	22.0	19.5	95.6	21.666	18.8	2.0	0.0	2.0	0.7
25	17.6	23.5	20.1	91.5	21.377	18.5	0.0	6.6	6.6	0.9
26	17.9	24.0	21.0	91.0	22.455	19.3	0.0	0.0	0.0	2.7
27	17.1	25.0	21.2	85.5	21.201	18.3	0.0	0.0	0.0	2.0
28	18.5	24.0	20.5	89.9	21.686	18.8	24.2	81.9	106.1	0.3
29	17.6	23.5	20.4	90.2	21.652	18.7	0.0	0.0	0.0	0.2
30	17.8	26.5	20.7	82.1	19.718	17.2	2.6	0.0	2.6	2.2
31	17.5	26.5	20.8	86.7	21.476	18.6	54.1	27.7	81.8	0.0
Prom.	17.6	24.5	20.8	86.4	20.988	18.2	140.2	156.1	296.3	42.6

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.0	20.0	18.5	97.1	20.794	18.1	32.0	0.2	32.2	0.0
2	17.9	22.0	18.7	95.2	20.663	18.0	0.0	0.0	0.0	0.2
3	16.8	23.9	20.7	85.0	20.350	17.7	0.0	0.0	0.0	0.4
4	16.9	25.6	21.0	85.2	20.961	18.3	0.0	0.0	0.0	2.4
5	16.0	24.6	19.4	81.9	18.091	15.9	0.0	0.0	0.0	2.7
6	15.5	25.0	20.9	85.4	20.663	18.0	0.0	0.0	0.0	3.4
7	17.4	26.0	21.3	83.2	20.942	18.2	1.3	0.0	1.3	3.7
8	15.5	28.2	22.3	84.1	22.287	19.2	0.0	7.8	7.8	3.2
9	17.9	24.9	20.9	94.4	23.309	20.0	0.0	0.1	0.1	0.7
10	17.8	26.9	21.5	82.2	20.756	18.1	0.0	0.0	0.0	4.6
11	17.9	27.9	22.3	71.4	19.317	16.7	0.0	0.0	0.0	7.0
12	18.5	26.5	21.5	82.1	20.969	18.2	0.0	0.0	0.0	7.0
13	17.5	26.0	21.2	86.7	21.548	18.7	0.0	0.0	0.0	3.1
14	18.0	26.5	21.9	85.9	22.646	19.5	0.0	0.0	0.0	2.5
15	18.1	26.5	22.4	77.4	20.720	18.0	0.0	0.9	0.9	0.5
16	18.8	28.5	22.2	79.7	21.452	18.6	4.2	0.0	4.2	0.2
17	18.8	27.0	22.6	86.7	23.731	20.2	2.0	0.4	2.4	1.5
18	18.5	26.3	21.3	88.1	22.382	19.3	0.0	0.0	0.0	0.0
19	17.5	26.8	21.4	83.7	21.165	18.4	39.2	14.6	53.8	2.9
20	16.9	23.3	20.3	90.0	21.487	18.6	5.8	9.8	15.6	0.0
21	17.0	25.5	21.2	82.0	20.422	17.8	2.7	11.6	14.3	0.6
22	19.0	27.5	22.3	79.5	21.122	18.3	0.0	7.8	7.8	4.4
23	17.9	28.9	22.5	76.7	20.708	18.1	0.0	0.0	0.0	2.7
24	17.0	28.0	21.9	65.9	17.344	15.2	0.0	0.0	0.0	5.5
25	17.0	29.5	23.4	65.8	18.851	16.4	0.0	0.0	0.0	8.1
26	19.0	29.5	23.0	69.2	19.006	16.6	0.0	0.8	0.8	8.1
27	17.5	28.5	22.0	70.2	18.429	16.1	0.0	0.0	0.0	6.8
28	17.5	28.0	22.7	72.7	19.769	17.2	0.0	10.7	10.7	4.7
29	18.5	27.0	21.9	78.1	20.308	17.6	0.0	0.0	0.0	1.7
30	18.5	27.5	22.4	72.9	19.452	16.9	1.4	10.9	12.3	2.1
Prom.	17.6	26.4	21.5	81.3	20.655	17.9	88.6	75.6	164.2	88.4

Estación FRANCISCO ROMERO

Municipio SALAZAR

Año 1.971

Altitud 1.000 metros

Latitud 7-46 N.

Longitud 72-48 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.6	26.5	21.2	85.4	21.434	18.6	29.2	14.3	43.5	0.6
2	17.9	26.5	21.1	81.4	20.582	17.9	3.7	33.4	37.1	1.2
3	17.9	25.0	21.2	85.1	21.455	18.6	0.9	50.8	51.7	3.0
4	17.6	25.5	19.9	86.8	20.251	17.7	12.3	35.2	47.5	0.0
5	17.8	27.0	21.8	79.0	20.207	17.5	8.1	46.0	54.1	1.5
6	18.0	27.5	21.2	74.8	19.080	16.7	8.1	8.0	16.1	4.8
7	17.9	26.5	22.3	79.5	21.068	18.3	0.0	0.0	0.0	5.1
8	17.9	28.4	22.9	76.8	21.286	18.4	2.6	46.4	49.0	2.5
9	17.9	26.9	21.4	80.6	20.642	18.0	12.4	7.1	19.5	1.4
10	18.5	26.5	21.1	69.8	17.529	15.4	0.0	0.3	0.3	1.9
11	18.0	28.0	22.5	66.6	17.672	15.5	0.0	0.0	0.0	7.6
12	18.0	26.5	22.4	65.0	17.548	15.4	0.0	0.0	0.0	0.4
13	18.0	28.0	22.7	74.5	20.215	17.6	0.1	1.8	1.9	6.1
14	19.0	28.5	22.2	75.7	20.059	17.5	0.9	0.7	1.6	1.2
15	18.6	27.0	22.2	73.4	19.280	16.6	23.9	13.7	37.6	3.0
16	19.0	27.5	22.5	77.4	20.899	18.2	0.0	0.0	0.0	1.4
17	19.9	25.5	21.5	84.5	21.807	18.9	0.1	0.0	0.1	0.0
18	19.0	28.5	22.1	76.6	20.155	17.4	0.3	54.7	55.0	1.5
19	17.5	27.5	21.9	77.0	19.905	17.4	1.2	5.1	6.3	2.3
20	17.5	27.0	22.0	78.7	20.288	17.6	2.5	2.3	4.8	2.8
21	17.5	26.9	21.6	82.7	21.013	18.2	8.8	39.6	48.4	0.9
22	17.0	28.5	22.4	80.1	21.201	18.3	2.1	45.4	47.5	5.0
23	18.0	26.0	21.9	84.2	21.897	18.9	1.0	0.8	1.8	0.4
24	19.0	25.4	20.7	84.4	20.570	17.8	6.4	12.7	19.1	3.1
25	17.0	28.0	21.8	80.4	20.370	17.7	0.7	12.4	13.1	6.1
26	18.0	27.0	20.5	77.1	18.134	15.7	12.1	0.0	12.1	2.9
27	16.9	28.5	21.8	78.0	19.817	17.3	0.0	2.6	2.6	8.4
28	18.0	28.0	22.7	77.9	21.192	18.4	0.0	0.0	0.0	7.0
29	19.0	27.5	22.9	77.3	21.189	18.3	0.0	8.7	8.7	1.6
30	17.9	26.0	22.1	81.5	21.232	18.4	0.5	0.0	0.5	0.8
31	18.5	28.0	22.4	70.6	18.657	16.3	0.0	0.0	0.0	8.1
Prom.	18.1	27.1	21.8	78.2	20.214	17.6	137.9	442.0	579.9	92.6

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	27.0	21.6	76.6	19.497	17.1	0.0	0.0	0.0	7.1
2	17.6	27.9	22.0	72.2	18.741	16.3	0.0	0.0	0.0	3.7
3	18.5	26.5	22.0	72.5	19.091	16.7	0.0	0.0	0.0	3.2
4	19.0	27.5	23.0	62.2	17.606	15.4	0.0	0.0	0.0	2.9
5	17.9	28.3	22.7	75.3	20.714	17.9	0.0	0.0	0.0	3.4
6	17.6	28.5	22.5	76.4	20.495	17.8	0.3	0.0	0.3	3.5
7	18.0	27.0	21.5	80.5	21.030	18.3	0.1	0.0	0.1	2.2
8	16.5	28.0	22.4	68.3	18.167	15.9	0.0	1.5	1.5	8.2
9	18.0	27.5	21.8	71.5	18.212	15.9	0.0	0.0	0.0	3.5
10	17.0	30.0	22.4	60.5	15.854	13.8	0.0	0.0	0.0	8.6
11	16.4	28.5	22.3	64.7	17.218	15.0	0.0	4.1	4.1	10.2
12	17.5	26.8	21.8	81.3	20.967	18.2	0.6	0.0	0.6	1.1
13	18.0	27.0	21.3	81.8	20.943	18.2	0.3	0.0	0.3	1.2
14	17.6	28.5	21.6	72.6	18.241	15.9	0.0	0.0	0.0	5.4
15	17.6	28.0	21.6	66.9	16.828	14.7	0.0	0.0	0.0	7.0
16	17.0	28.0	21.9	64.8	16.724	14.7	0.0	0.0	0.0	4.9
17	17.3	28.0	21.5	69.6	17.887	15.6	0.0	2.4	2.4	2.5
18	18.5	26.0	21.7	80.7	20.594	17.9	0.1	0.0	0.1	7.1
19	15.4	29.9	22.8	66.4	17.432	15.1	0.0	0.0	0.0	1.8
20	13.5	29.0	22.7	58.2	15.718	13.2	0.0	0.0	0.0	7.7
21	18.5	28.5	22.4	71.2	18.950	16.4	0.0	0.0	0.0	6.0
22	17.4	28.0	21.9	72.2	18.520	16.2	0.2	0.0	0.2	3.8
23	17.5	28.0	22.0	74.3	19.460	17.0	2.2	0.4	2.6	2.8
24	17.8	28.5	22.3	69.6	18.094	15.8	0.0	0.0	0.0	8.2
25	16.5	28.5	22.3	64.4	16.712	14.6	0.0	0.0	0.0	6.3
26	18.0	27.5	22.4	72.4	19.423	16.9	0.0	0.0	0.0	2.1
27	17.4	26.5	21.3	73.2	18.829	16.5	0.0	0.0	0.0	0.0
28	18.6	28.5	21.6	75.0	19.021	16.5	0.0	0.0	0.0	3.4
29	17.0	27.0	21.6	75.8	19.174	16.7	0.2	0.0	0.2	1.3
30	15.6	28.0	21.6	71.2	17.807	15.6	0.0	1.9	1.9	6.4
Prom.	17.4	27.9	22.0	71.4	18.598	16.2	4.0	10.3	14.3	135.5

Estación FRANCISCO ROMERO

Municipio SALAZAR

Año 1.971

Altitud 1.000 metros

Latitud 7-46 N.

Longitud 72-48 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.4	28.0	21.6	74.1	18.852	16.5	0.0	0.0	0.0	5.3
2	17.0	26.5	20.9	72.2	17.626	15.4	0.0	0.0	0.0	1.2
3	16.0	29.0	21.9	67.0	17.420	15.2	2.3	0.0	2.3	4.8
4	16.0	29.0	21.6	73.2	18.660	16.4	0.0	0.7	0.7	5.2
5	18.0	29.0	22.7	68.3	17.975	15.5	0.0	0.0	0.0	10.1
6	17.1	30.0	22.6	63.1	16.550	14.3	0.0	0.0	0.0	9.5
7	17.0	27.0	21.2	81.4	20.426	17.8	2.5	0.0	2.5	0.5
8	17.6	28.0	22.3	68.3	17.838	15.7	0.0	0.0	0.0	3.2
9	17.5	30.0	23.6	69.1	19.109	16.6	0.0	0.0	0.0	7.1
10	18.5	27.0	22.2	76.1	20.002	17.5	0.2	0.2	0.4	2.6
11	18.0	27.0	21.3	80.1	19.978	17.4	0.0	0.0	0.0	1.3
12	18.5	28.0	22.7	68.7	18.655	16.2	0.0	0.0	0.0	3.8
13	18.0	28.0	21.4	76.0	19.256	16.8	0.1	0.0	0.1	4.1
14	18.6	29.5	22.5	66.5	17.683	15.4	0.0	5.0	5.0	7.5
15	17.8	25.9	21.0	84.1	20.630	18.0	1.0	0.1	1.1	2.9
16	17.5	27.0	21.9	75.6	19.520	17.0	0.2	0.0	0.2	1.1
17	17.0	27.5	21.6	70.5	17.686	15.5	0.0	0.0	0.0	6.8
18	18.0	27.0	22.0	72.3	18.900	16.5	3.5	0.0	3.5	2.8
19	18.5	28.0	22.5	68.1	18.374	16.1	0.0	0.6	0.6	9.2
20	17.8	28.0	22.0	68.9	17.714	15.5	0.0	0.0	0.0	6.1
21	17.0	29.0	22.4	61.2	15.976	13.9	0.0	0.0	0.0	7.2
22	17.1	29.0	22.2	64.6	17.105	14.9	0.0	0.0	0.0	5.2
23	17.5	28.5	23.1	64.7	17.512	15.3	0.0	0.5	0.5	9.4
24	18.5	29.0	21.7	71.5	18.174	15.8	0.0	0.0	0.0	3.7
25	17.5	30.3	23.7	64.0	17.958	15.7	0.0	0.0	0.0	5.1
26	19.5	28.0	22.1	71.0	18.464	16.0	0.0	0.0	0.0	0.7
27	17.5	28.5	22.4	66.8	17.612	15.4	0.0	0.0	0.0	1.1
28	17.0	30.0	23.2	68.1	18.381	15.9	0.0	0.0	0.0	6.8
29	17.5	28.5	22.0	71.6	18.595	16.3	0.0	4.5	4.5	3.7
30	17.9	27.5	21.3	75.7	18.674	16.2	0.9	0.0	0.9	1.5
31	17.8	30.0	23.1	65.5	17.762	15.5	0.0	0.0	0.0	7.8
Prom.	17.6	28.3	22.2	70.6	18.357	16.0	10.7	11.6	22.3	147.3

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.8	23.6	20.3	88.7	21.418	18.6	2.5	0.0	2.5	0.2
2	17.3	29.0	22.2	61.9	16.243	14.1	0.0	0.0	0.0	3.9
3	15.9	30.5	22.2	52.2	13.436	11.3	0.0	0.0	0.0	9.9
4	15.5	28.0	21.7	65.1	16.179	14.1	0.0	2.5	2.5	6.7
5	17.5	29.0	22.8	73.1	19.249	16.7	3.4	0.7	4.1	3.9
6	18.0	28.5	21.8	67.9	17.305	15.1	0.0	0.0	0.0	4.2
7	17.0	30.5	22.4	57.9	15.301	13.3	0.0	0.0	0.0	6.0
8	18.0	30.5	21.5	67.0	17.094	15.0	0.0	0.0	0.0	7.5
9	16.9	28.0	22.3	64.3	17.127	15.0	0.0	0.0	0.0	5.8
10	17.0	28.5	22.1	67.5	17.861	15.7	0.0	0.0	0.0	6.1
11	17.0	29.0	21.6	64.7	16.474	14.4	0.0	2.4	2.4	6.0
12	17.8	28.5	20.4	78.2	18.447	16.0	15.4	15.9	31.3	3.7
13	17.6	27.0	20.2	83.4	19.543	17.0	26.2	0.0	26.2	4.3
14	17.5	29.0	23.3	66.0	18.847	16.6	0.0	0.2	0.2	6.3
15	17.5	25.5	20.3	79.4	18.942	16.6	11.4	3.7	15.1	0.3
16	17.5	27.0	20.5	74.5	17.525	15.1	0.5	36.0	36.5	4.7
17	16.5	28.0	22.2	73.9	18.969	16.6	0.0	0.0	0.0	7.4
18	17.0	27.5	22.3	75.5	19.830	17.2	0.2	3.4	3.6	2.1
19	18.6	29.5	22.7	72.2	19.499	17.1	0.0	0.0	0.0	7.1
20	19.0	29.5	23.9	65.2	18.377	16.0	0.0	0.0	0.0	6.3
21	17.0	30.0	21.8	75.2	19.071	16.4	1.8	39.7	41.5	7.0
22	18.5	29.0	22.5	77.8	20.342	17.3	0.1	0.0	0.1	5.2
23	18.0	30.0	22.5	77.2	20.168	17.5	16.0	7.9	23.9	7.1
24	17.5	28.5	22.8	76.8	20.601	17.9	0.0	9.1	9.1	6.9
25	18.5	26.5	22.7	76.1	20.560	17.7	0.0	24.8	24.8	0.0
26	17.5	28.5	23.1	69.4	18.580	16.1	0.0	0.0	0.0	6.0
27	19.0	25.0	20.6	93.0	22.798	19.6	10.9	0.0	10.9	0.3
28	17.0	27.5	22.7	72.5	19.570	17.1	0.0	0.0	0.0	5.8
29	17.0	29.0	22.6	73.3	19.491	17.0	0.0	0.0	0.0	7.8
30	18.5	29.0	23.2	67.9	18.733	16.3	0.0	0.0	0.0	6.4
31	17.6	30.0	23.6	68.0	18.970	16.6	0.0	13.6	13.6	9.7
Prom.	17.5	28.4	22.1	71.8	18.598	16.2	88.4	159.9	248.3	164.6

Estación FRANCISCO ROMERO

Municipio SALAZAR

Año 1.971

Altitud 1.000 metros

Latitud 7-46 N.

Longitud 72-48 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	19.0	26.5	21.7	81.7	21.007	18.3	2.6	3.4	6.0	0.7
2	17.5	26.5	22.3	70.8	18.832	16.4	0.0	0.0	0.0	0.5
3	17.5	29.5	22.4	68.3	17.963	15.7	0.0	16.2	16.2	5.1
4	17.6	28.0	22.4	71.7	18.675	16.3	0.0	0.0	0.0	8.8
5	16.5	29.9	23.0	61.9	16.558	14.4	0.0	6.9	6.9	8.0
6	17.0	28.0	20.2	82.4	19.491	17.1	1.6	0.0	1.6	6.7
7	16.5	27.0	21.5	74.7	18.949	16.6	0.0	0.0	0.0	5.4
8	16.0	28.0	21.9	73.6	18.994	16.6	0.4	0.0	0.4	5.8
9	16.9	28.0	21.2	79.7	19.881	17.4	1.0	8.0	9.0	5.1
10	17.0	27.5	21.1	78.6	19.356	16.8	12.5	1.3	13.8	4.0
11	17.0	29.0	22.4	74.0	19.243	16.7	0.0	0.0	0.0	8.1
12	17.0	29.5	22.8	63.3	17.099	14.9	0.0	0.0	0.0	6.9
13	17.6	28.5	21.0	80.2	19.986	17.4	44.5	1.8	46.3	1.9
14	17.0	28.0	21.3	79.3	19.528	17.0	14.5	4.3	18.8	7.0
15	17.0	27.0	20.6	82.8	19.960	17.4	28.0	13.7	41.7	3.6
16	17.0	27.0	21.4	78.3	19.413	16.8	0.0	3.1	3.1	2.8
17	17.0	26.6	20.9	80.5	19.887	17.4	3.0	2.5	5.5	1.6
18	17.0	28.5	21.6	81.1	20.562	17.9	35.8	10.8	46.6	6.5
19	17.0	28.0	21.0	87.4	21.778	18.8	0.0	0.0	0.0	5.4
20	17.0	28.0	22.1	78.4	20.606	17.8	0.0	0.0	0.0	5.6
21	16.5	27.0	22.0	75.5	19.839	17.3	0.0	0.0	0.0	3.9
22	16.5	29.0	22.5	69.8	18.296	15.9	0.0	0.0	0.0	7.8
23	16.5	30.0	23.1	70.1	18.965	16.5	0.0	0.0	0.0	9.4
24	18.0	30.0	23.0	68.8	19.111	16.7	0.0	0.0	0.0	6.6
25	18.0	28.0	22.9	70.9	19.443	17.0	0.0	0.0	0.0	1.7
26	17.0	29.5	22.0	74.7	19.257	16.8	0.0	0.0	0.0	7.5
27	17.0	29.0	22.4	64.1	17.136	15.0	0.0	0.0	0.0	8.9
28	17.0	27.0	22.1	74.0	19.503	17.0	0.0	4.4	4.4	3.8
29	17.0	29.0	22.8	77.7	20.745	18.0	0.0	0.3	0.3	3.3
30	17.0	28.0	21.8	74.2	19.354	17.0	0.0	1.0	1.0	4.8
Prom.	17.1	28.2	21.9	75.0	19.314	16.8	143.9	77.7	221.6	157.2

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	28.5	22.0	87.1	23.417	20.0	0.0	0.4	0.4	3.4
2	17.0	26.5	21.9	83.0	21.551	18.5	0.0	0.0	0.0	1.3
3	17.0	26.5	21.5	81.3	20.454	17.8	2.9	6.2	9.1	0.2
4	17.0	27.0	20.7	83.6	20.112	17.5	0.4	0.0	0.4	3.8
5	17.0	27.0	21.0	83.0	20.679	18.0	5.4	24.9	30.3	2.3
6	17.0	27.0	21.0	81.1	20.199	17.6	0.0	24.6	24.6	4.9
7	17.0	27.0	21.1	76.7	19.116	16.8	0.0	0.0	0.0	3.2
8	16.5	28.0	21.5	76.1	18.955	16.6	0.0	0.0	0.0	8.4
9	17.0	28.5	22.6	73.3	19.981	17.3	0.0	0.0	0.0	5.9
10	17.0	28.5	22.2	78.0	20.532	17.8	0.0	9.2	9.2	4.6
11	17.0	26.5	20.8	79.2	19.392	17.0	3.7	6.2	9.9	3.2
12	16.5	25.0	21.2	84.6	21.272	18.5	6.9	0.2	7.1	1.4
13	17.0	27.5	21.6	74.1	18.737	16.4	0.0	0.0	0.0	3.5
14	16.0	27.0	21.5	79.1	19.917	17.3	0.0	0.2	0.2	2.2
15	16.5	29.0	21.3	80.9	20.113	17.5	0.2	0.1	0.3	5.8
16	16.5	29.0	21.4	85.9	21.961	19.0	2.1	44.1	46.2	4.0
17	18.0	26.5	21.0	87.8	21.839	18.9	20.3	9.2	29.5	1.3
18	17.0	27.0	21.3	86.0	21.816	18.9	0.4	9.3	9.7	3.2
19	17.5	28.5	21.7	76.9	19.704	17.1	0.0	0.0	0.0	4.4
20	16.0	29.0	22.4	75.0	19.355	16.8	0.0	0.0	0.0	7.9
21	17.0	29.0	23.0	70.1	19.601	17.0	0.4	18.8	19.2	6.4
22	16.5	27.0	21.3	83.6	21.040	18.3	0.0	0.0	0.0	3.0
23	17.0	27.0	21.2	83.3	21.256	18.5	0.5	4.3	4.8	5.8
24	16.0	26.0	20.3	85.0	20.279	17.7	6.3	0.0	6.3	3.0
25	16.5	27.0	21.7	80.6	20.222	17.5	0.0	62.7	62.7	5.1
26	17.4	27.5	19.6	94.4	22.210	19.1	9.8	0.0	9.8	2.2
27	16.5	26.5	21.3	81.0	20.128	17.6	0.0	36.1	36.1	2.7
28	18.5	26.0	21.9	85.8	22.622	19.5	0.0	9.0	9.0	3.5
29	16.5	28.0	22.4	73.8	19.501	16.9	0.0	0.0	0.0	8.3
30	16.5	28.0	22.1	81.5	21.550	18.6	22.9	0.0	22.9	5.9
31	17.0	29.0	21.0	87.6	21.789	18.9	18.4	9.7	28.1	5.6
Prom.	16.9	27.4	21.5	81.3	20.623	17.9	100.6	275.2	375.8	126.4

Estación FRANCISCO ROMERO

Municipio SALAZAR

Año 1.971

Altitud 1.000 metros

Latitud 7-46 N.

Longitud 72-48 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	26.0	21.5	84.6	21.636	18.7	7.3	9.8	17.1	0.8
2	17.0	25.0	21.7	83.8	21.630	18.7	0.0	0.0	0.0	2.4
3	16.0	26.0	20.8	89.7	22.221	19.2	6.4	0.0	6.4	3.2
4	16.5	25.0	20.1	84.3	20.086	17.4	13.2	0.0	13.2	2.3
5	16.5	26.5	20.2	82.9	19.689	17.2	41.1	16.4	57.5	1.6
6	16.5	26.5	19.8	86.0	20.113	17.6	0.0	0.0	0.0	1.2
7	16.0	27.0	21.0	78.8	19.634	17.1	0.0	1.9	1.9	3.8
8	16.5	25.0	21.0	85.7	21.244	18.5	0.3	5.2	5.5	0.4
9	16.0	27.0	22.1	78.7	20.750	18.0	0.0	0.0	0.0	4.5
10	16.0	27.0	21.5	80.6	20.455	17.8	7.8	0.0	7.8	4.2
11	16.5	29.0	22.3	80.2	20.903	18.1	0.0	25.0	25.0	6.3
12	16.0	29.0	21.9	80.3	20.378	17.7	5.4	24.2	29.6	5.6
13	16.0	28.0	22.2	82.2	21.469	18.5	0.0	14.2	14.2	7.5
14	15.5	27.0	21.6	84.1	21.830	18.9	0.0	0.0	0.0	3.0
15	16.0	28.0	21.9	83.2	21.627	18.7	0.0	9.4	9.4	4.5
16	16.6	28.0	22.1	83.6	21.671	18.6	2.3	1.8	4.1	5.9
17	17.9	26.0	20.2	89.0	21.221	18.4	1.7	0.8	2.5	1.2
18	16.8	27.0	20.7	85.4	20.674	18.0	31.4	4.3	35.7	1.3
19	16.8	25.9	20.8	88.3	21.701	18.8	5.3	11.0	16.3	4.0
20	17.0	23.5	20.1	87.2	20.398	17.8	0.0	0.0	0.0	1.4
21	16.9	25.6	20.0	87.0	20.364	17.8	0.0	26.4	26.4	5.4
22	18.0	24.5	20.2	86.9	20.657	18.0	0.1	0.0	0.1	1.9
23	16.0	26.0	20.6	81.9	19.382	16.8	1.1	0.3	1.4	1.4
24	16.0	27.0	20.8	81.1	19.481	16.9	1.4	0.5	1.9	3.4
25	16.9	26.0	21.0	82.7	20.174	17.5	4.0	11.5	15.5	4.9
26	17.7	26.5	21.3	85.7	21.701	18.8	0.2	4.2	4.4	2.7
27	17.1	25.4	21.4	82.7	21.009	18.2	0.1	1.8	1.9	2.6
28	17.1	26.5	20.8	88.4	21.879	18.9	0.0	0.0	0.0	2.2
29	16.8	27.9	21.4	79.7	19.896	17.3	0.0	0.0	0.0	4.4
30	16.4	26.5	20.6	86.2	20.710	18.0	0.0	0.0	0.0	2.8
Prom.	16.6	26.5	21.1	84.0	20.819	18.1	129.1	168.7	297.8	96.8

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	25.5	21.0	82.4	20.029	17.4	0.0	2.7	2.7	2.0
2	16.5	26.5	21.1	84.3	20.804	18.0	0.0	24.1	24.1	4.0
3	16.5	27.5	21.8	80.1	20.280	17.5	0.0	0.0	0.0	7.2
4	16.5	27.9	21.3	77.5	19.229	16.8	0.0	0.0	0.0	5.5
5	15.5	27.9	20.4	82.9	19.654	17.2	0.0	0.0	0.0	4.5
6	17.6	27.5	21.2	74.0	18.437	16.1	0.0	0.0	0.0	3.5
7	16.5	25.6	20.0	80.3	18.725	16.4	0.0	0.0	0.0	2.2
8	16.0	27.6	21.0	73.4	17.787	15.5	0.0	0.0	0.0	6.8
9	16.0	26.0	19.8	80.8	18.609	16.4	0.0	0.0	0.0	3.6
10	16.6	27.5	21.0	84.1	20.617	17.9	0.0	0.0	0.0	5.6
11	17.0	27.0	21.6	79.2	19.740	17.2	0.0	3.1	3.1	6.3
12	16.3	27.0	21.9	81.7	20.747	17.9	0.4	6.9	7.3	4.1
13	17.0	27.0	20.9	83.1	20.244	17.6	0.0	11.9	11.9	5.4
14	17.0	24.0	20.4	87.2	20.861	18.2	0.1	0.2	0.3	0.1
15	18.0	26.0	20.9	81.8	20.139	17.5	0.0	0.0	0.0	2.9
16	17.3	26.8	21.1	82.8	20.358	17.7	0.0	0.0	0.0	6.0
17	16.5	26.3	19.4	87.4	19.947	17.5	0.8	0.0	0.8	3.0
18	16.6	25.6	21.1	82.1	20.215	17.6	0.0	4.0	4.0	1.5
19	16.0	22.0	19.0	96.9	21.193	18.4	3.9	0.0	3.9	0.0
20	16.0	25.0	19.1	84.2	18.234	16.0	0.0	2.0	2.0	4.7
21	16.0	23.0	18.6	92.4	20.326	17.7	1.2	0.0	1.2	0.5
22	16.0	25.5	18.9	88.4	19.227	16.9	0.0	0.0	0.0	3.0
23	16.5	23.5	19.4	89.0	20.109	17.6	1.1	0.2	1.3	0.5
24	16.9	23.0	19.1	95.3	21.258	18.5	0.0	2.2	2.2	0.0
25	17.4	24.5	20.8	86.1	21.069	18.3	1.3	33.1	34.4	1.2
26	16.5	22.0	18.6	92.1	20.144	17.6	2.4	0.8	3.2	0.5
27	17.5	21.5	18.7	93.3	20.547	17.9	0.2	0.0	0.2	0.0
28	16.5	25.0	19.3	90.3	20.339	17.8	5.8	25.1	30.9	2.8
29	16.5	24.0	19.5	91.3	20.800	18.1	13.9	9.5	23.4	2.4
30	16.0	23.5	18.3	93.0	19.558	17.1	0.0	0.0	0.0	1.4
31	16.5	25.5	20.6	86.5	20.850	18.1	4.6	0.0	4.6	2.4
Prom.	16.6	25.4	20.2	85.3	20.002	17.4	35.7	125.8	161.5	93.6

Estación FRANCISCO ROMERO

Municipio SALAZAR

Año 1.971

Altitud 1.000 Metros

Latitud 7-46 N.

Longitud 72-48 W.

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	17.0	25.6	20.8	15.0	28.0	84.1	20.426	17.8	515.9	26	79.6
FEBRERO	16.9	25.4	20.6	15.0	28.2	83.2	19.826	17.2	150.8	14	69.3
MARZO	17.6	24.5	20.8	16.5	28.0	86.4	20.988	18.2	296.3	19	42.6
ABRIL	17.6	26.4	21.5	15.5	29.5	81.3	20.655	17.9	164.2	14	88.4
MAYO	18.1	27.1	21.8	16.9	28.5	78.2	20.214	17.6	579.9	25	92.6
JUNIO	17.4	27.9	22.0	13.5	30.0	71.4	18.598	16.2	14.3	12	135.5
JULIO	17.6	28.3	22.2	16.0	30.3	70.6	18.357	16.0	22.3	13	147.3
AGOSTO	17.5	28.4	22.1	15.5	30.5	71.8	18.598	16.2	248.3	17	164.6
SEPTIEMBRE	17.1	28.2	21.9	16.0	30.0	75.0	19.314	16.8	221.6	16	157.2
OCTUBRE	16.9	27.4	21.5	16.0	29.0	81.3	20.623	17.9	375.8	22	126.4
NOVIEMBRE	16.6	26.5	21.1	15.5	29.0	84.0	20.819	18.1	297.8	22	96.8
DICIEMBRE	16.6	25.4	20.2	15.5	27.9	85.3	20.002	17.4	161.5	19	93.6
PROMEDIO	17.2	26.8	21.4	15.6	29.1	79.4	19.868	17.3			
TOTAL									3048.7	219	1293.9

Estación **BLONAY**
 Altitud **1.235** metros

Municipio **CHINACOTA**
 Latitud **7-35 N.**

Año **1.971**
 Longitud **72-36 W.**

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	25.4	19.0	83.2	18.679	16.4	0.0	0.0	0.0	6.0
2	15.9	25.9	21.1	82.5	20.427	17.8	0.9	0.0	0.9	4.3
3	17.0	26.0	20.4	84.0	20.108	17.6	0.7	3.8	4.5	3.2
4	16.0	24.5	19.0	92.5	20.560	17.9	0.5	0.0	0.5	3.1
5	13.0	24.5	19.3	84.3	19.057	16.6	0.0	0.0	0.0	5.0
6	14.0	23.0	18.7	92.7	19.996	17.4	0.0	0.0	0.0	1.9
7	13.5	24.5	18.7	84.3	17.890	15.7	6.9	11.6	18.5	8.8
8	15.4	23.0	18.5	87.3	18.356	16.1	4.6	8.3	12.9	3.8
9	13.0	24.0	18.3	85.0	17.475	15.3	0.0	0.0	0.0	4.7
10	14.5	23.5	19.4	84.1	18.456	16.2	0.2	0.0	0.2	3.2
11	15.0	24.4	18.9	91.8	20.227	17.7	10.5	0.0	10.5	3.6
12	16.8	24.0	19.4	89.4	20.102	17.6	37.5	0.4	37.9	2.8
13	16.0	21.6	18.9	91.1	19.899	17.4	0.0	0.0	0.0	0.3
14	15.5	24.4	19.0	92.2	20.333	17.8	2.3	1.3	3.6	2.0
15	14.5	23.5	18.6	87.3	18.398	16.1	0.0	0.0	0.0	4.7
16	14.9	24.5	19.5	86.5	19.184	16.7	10.0	42.4	52.4	4.3
17	16.5	22.0	18.6	93.9	20.147	17.6	2.4	10.9	13.3	0.0
18	16.1	22.5	18.6	88.6	18.979	16.7	6.2	0.6	6.8	0.0
19	15.8	25.0	19.6	83.3	19.097	16.8	0.0	0.0	0.0	5.6
20	15.0	22.4	18.6	88.9	18.913	16.6	9.1	2.4	11.5	3.9
21	16.0	22.0	18.4	90.3	19.254	16.9	0.0	0.2	0.2	1.0
22	14.5	22.5	18.3	87.5	18.280	16.1	0.0	0.0	0.0	6.0
23	12.5	24.5	18.0	79.2	15.693	13.6	0.0	12.8	12.9	5.4
24	14.5	20.5	17.4	90.9	18.170	16.0	0.0	1.1	1.1	2.3
25	14.8	20.5	18.0	91.7	18.653	16.4	0.0	5.9	5.9	1.7
26	15.3	23.0	18.6	91.5	19.581	17.1	8.3	34.8	43.1	2.3
27	16.0	22.0	18.3	90.4	18.935	16.7	2.9	1.5	4.4	0.8
28	15.6	18.3	16.7	97.9	18.846	16.6	1.4	1.8	3.2	0.0
29	14.0	22.2	17.6	88.4	17.680	15.5	17.7	0.0	17.7	2.1
30	15.5	23.5	18.9	86.9	18.874	16.6	0.0	0.0	0.0	4.5
31	14.5	24.5	18.9	83.3	17.771	15.6	0.0	0.0	0.0	4.9
Prom.	15.1	23.3	18.7	88.1	18.968	16.6	122.2	139.8	262.0	102.2

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.4	24.5	19.0	86.6	18.939	16.7	0.0	0.0	0.0	3.5
2	16.5	21.0	17.3	91.2	18.184	16.0	7.1	3.1	10.2	0.5
3	15.0	20.0	17.3	94.4	18.583	16.4	0.0	0.0	0.0	0.6
4	14.6	22.0	18.8	90.7	19.610	17.2	1.4	0.8	2.2	0.5
5	14.9	21.0	17.9	91.4	18.775	16.5	1.2	0.0	1.2	0.2
6	14.5	21.4	18.0	84.6	17.262	15.2	0.2	0.0	0.2	2.1
7	14.0	24.5	18.7	80.2	16.783	14.6	0.0	0.0	0.0	6.3
8	11.5	25.5	19.5	81.3	18.178	15.7	0.1	0.2	0.3	6.7
9	13.8	21.0	16.6	93.5	17.588	15.4	0.5	0.0	0.5	0.0
10	12.5	22.0	17.5	89.4	17.853	15.7	0.0	0.0	0.0	2.0
11	12.0	24.5	18.6	83.6	17.830	15.6	0.0	0.0	0.0	7.0
12	13.8	21.0	17.0	78.8	14.937	12.8	0.0	0.0	0.0	5.7
13	13.6	24.4	18.0	83.6	17.325	15.3	0.0	0.0	0.0	0.0
14	12.9	25.0	21.0	78.9	18.682	16.3	0.0	0.0	0.0	4.0
15	12.0	25.0	18.9	77.6	16.465	14.4	0.0	17.2	17.2	7.2
16	14.0	23.5	18.5	86.9	18.398	16.2	0.1	3.2	3.3	4.2
17	16.0	19.0	17.0	94.9	18.451	16.2	1.8	1.2	3.0	0.0
18	14.2	21.0	16.8	86.7	16.510	14.5	11.6	5.1	16.7	0.2
19	14.0	21.5	17.5	84.6	16.793	14.8	17.4	3.2	20.6	1.7
20	15.5	21.0	17.8	87.3	17.864	15.7	0.0	0.0	0.0	2.4
21	15.1	21.9	18.6	75.4	15.916	13.7	0.0	0.0	0.0	0.7
22	16.5	23.5	18.9	84.3	18.436	16.2	1.2	0.0	1.2	3.3
23	15.0	22.0	17.5	88.0	17.912	15.7	0.1	0.0	0.1	3.2
24	13.3	27.0	19.4	75.7	16.304	14.1	0.0	0.0	0.0	5.2
25	14.5	26.6	19.3	76.3	17.110	15.1	0.0	0.0	0.0	5.5
26	16.0	26.6	19.3	76.1	17.195	15.1	0.0	0.0	0.0	2.8
27	15.0	25.5	19.4	78.3	17.365	15.3	0.0	0.0	0.0	3.4
28	14.5	26.5	19.1	82.0	17.900	15.7	15.4	0.2	15.6	5.5
Prom.	14.3	23.2	18.3	84.4	17.612	15.4	58.1	34.2	92.3	84.4

Estación **BLONAY**Municipio **CHINACOTA**Año **1.971**Altitud **1.235** metrosLatitud **7-35 N.**Longitud **72-36 W.****M E S - MARZO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.9	18.0	16.7	94.9	18.212	16.0	8.0	0.0	8.0	0.0
2	14.5	22.9	18.1	84.4	17.352	15.3	0.0	0.0	0.0	1.9
3	15.0	26.0	19.8	81.1	18.692	16.3	0.0	0.0	0.0	4.6
4	15.4	25.0	20.1	81.1	18.915	16.6	1.5	0.0	1.5	7.4
5	15.9	20.0	18.1	90.5	18.836	16.6	0.0	0.0	0.0	0.2
6	14.0	23.6	17.5	81.6	16.377	14.4	0.0	0.0	0.0	4.8
7	14.0	24.5	18.3	84.8	17.600	15.4	0.0	0.0	0.0	2.0
8	14.8	24.2	19.4	81.0	18.078	15.9	0.0	0.0	0.0	1.8
9	14.9	24.0	19.5	82.7	18.716	16.4	5.4	0.2	5.6	2.7
10	16.5	25.0	18.5	88.0	18.819	16.5	0.0	0.0	0.0	2.5
11	14.5	23.6	19.3	84.4	18.821	16.6	0.0	0.0	0.0	2.7
12	14.6	25.0	19.4	83.4	18.463	16.2	0.0	0.1	1.0	5.6
13	14.4	24.0	19.1	84.5	18.457	16.3	0.0	0.0	0.0	5.7
14	16.1	27.7	20.3	78.1	18.263	16.1	0.0	0.0	0.0	3.8
15	16.8	23.0	19.6	89.3	20.311	17.8	0.0	0.0	0.0	0.2
16	16.3	22.0	19.2	87.9	19.409	17.0	0.0	0.2	0.2	0.2
17	16.5	21.0	17.8	95.5	19.862	17.3	3.0	32.8	35.8	0.0
18	15.0	17.1	16.2	96.3	17.721	15.6	7.6	0.0	7.6	0.0
19	14.5	19.1	16.3	94.2	17.375	15.3	0.0	0.0	0.0	0.8
20	14.5	19.6	16.7	94.3	17.915	15.8	4.3	7.1	11.4	0.0
21	15.6	23.0	18.8	82.7	17.897	15.7	0.0	0.0	0.0	0.9
22	14.9	22.5	18.5	88.6	18.841	16.6	3.0	1.3	4.3	0.2
23	15.0	22.0	19.0	87.3	18.965	16.7	0.0	0.0	0.0	1.5
24	16.0	21.0	18.2	91.8	19.127	16.8	2.4	0.0	2.4	0.1
25	15.4	21.0	18.5	90.3	19.182	16.9	0.1	6.4	6.5	0.1
26	15.1	22.5	18.5	89.0	18.879	16.6	0.5	0.0	0.5	3.4
27	15.9	24.0	18.9	83.3	18.281	16.1	0.0	0.3	0.3	2.2
28	16.8	22.0	19.2	89.3	19.948	17.5	0.0	0.0	0.0	0.4
29	16.0	20.0	17.7	90.1	18.431	16.2	0.2	0.4	0.6	0.1
30	15.4	23.5	19.0	90.0	19.788	17.3	0.0	0.0	0.0	1.8
31	16.5	22.5	18.7	89.3	19.386	17.0	32.0	5.1	37.1	0.3
Prom.	15.3	22.6	18.5	87.4	18.610	16.3	68.9	53.9	122.8	57.9

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.5	17.5	16.1	96.6	17.622	15.5	18.8	0.0	18.8	0.0
2	14.8	19.5	15.9	95.0	17.342	15.3	0.4	0.0	0.4	0.8
3	14.3	21.5	17.7	86.7	17.680	15.5	0.0	0.0	0.0	0.3
4	13.9	22.0	16.8	86.6	16.616	14.6	0.0	0.0	0.0	0.8
5	13.0	24.5	18.4	82.4	17.058	15.0	0.0	0.0	0.0	7.3
6	13.9	24.5	19.3	79.7	17.441	15.2	0.0	0.0	0.0	4.9
7	15.5	23.5	19.6	85.1	19.207	16.9	0.0	5.4	5.4	3.2
8	15.0	24.8	20.5	89.4	21.493	18.6	3.1	0.0	3.1	3.9
9	16.1	24.0	19.1	90.1	19.972	17.5	0.0	0.0	0.0	1.0
10	15.0	25.0	20.2	84.1	19.577	17.2	0.0	0.0	0.0	4.6
11	14.8	24.8	19.7	85.4	19.280	16.9	0.0	0.0	0.0	3.6
12	15.0	24.0	19.5	83.9	18.867	16.6	0.0	0.0	0.0	5.6
13	14.1	24.5	19.5	83.8	18.934	16.6	0.0	0.0	0.0	4.2
14	15.9	23.6	19.9	86.3	20.077	17.6	0.0	0.0	0.0	1.9
15	16.4	24.5	20.6	82.7	19.926	17.5	0.0	0.0	0.0	1.1
16	17.3	25.5	20.3	86.2	20.847	18.2	14.1	0.0	14.1	2.5
17	16.2	24.8	20.3	85.3	20.266	17.7	0.0	9.4	9.4	3.4
18	15.6	23.0	18.3	86.4	17.938	15.7	1.3	0.0	1.3	0.3
19	15.1	24.4	19.8	87.8	20.197	17.6	0.5	19.1	19.6	2.0
20	16.0	21.0	18.3	93.5	19.660	17.3	25.3	16.7	42.0	0.1
21	15.3	24.0	19.7	89.8	20.457	17.8	0.0	0.8	0.8	2.2
22	16.6	26.5	19.7	85.9	19.578	17.1	0.7	12.8	13.5	3.7
23	15.5	26.0	19.7	73.1	16.632	14.6	0.0	0.0	0.0	2.8
24	15.1	26.5	21.0	77.2	18.658	16.3	0.0	0.0	0.0	5.3
25	14.8	27.6	21.4	76.2	19.216	16.8	0.0	0.0	0.0	8.5
26	15.4	28.0	20.3	83.0	19.622	17.2	2.9	0.0	2.9	7.4
27	15.6	27.1	20.7	82.0	19.837	17.4	0.0	0.0	0.0	6.7
28	16.3	26.0	20.8	82.2	19.945	17.4	0.1	5.4	5.5	3.8
29	17.5	24.8	20.2	84.6	19.909	17.4	0.8	0.0	0.8	1.6
30	16.0	27.0	21.2	78.7	19.477	17.1	0.0	0.6	0.6	4.7
Prom.	15.4	24.3	19.5	85.0	19.111	16.7	68.0	70.2	138.2	98.2

Estación **BLONAY**
Altitud **1.235** metros

Municipio **CHINACOTA**
Latitud **7-35 N.**

Año **1.971**
Longitud **72-36 W.**

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	24.8	19.6	88.7	20.178	17.6	1.9	28.4	30.3	0.6
2	15.5	23.3	19.7	91.6	20.972	18.2	0.0	24.6	24.6	1.9
3	14.9	23.7	19.5	92.2	20.765	18.1	0.2	0.2	0.4	1.5
4	17.3	25.0	19.6	94.2	21.845	18.9	7.4	42.0	49.4	0.6
5	16.1	25.0	19.9	89.3	20.669	18.0	0.2	18.8	19.0	2.0
6	16.0	26.0	20.2	90.6	21.495	18.6	2.6	0.1	2.7	5.3
7	15.0	25.0	20.8	87.9	21.235	18.4	0.0	0.0	0.0	6.8
8	16.8	25.5	21.7	80.0	20.285	17.5	0.0	0.0	0.0	3.9
9	16.9	25.5	21.1	86.3	21.176	18.3	0.4	1.2	1.6	1.8
10	16.5	26.0	20.5	86.1	20.708	18.1	0.0	0.0	0.0	2.8
11	16.0	27.5	22.0	80.7	20.937	18.2	0.0	0.0	0.0	7.6
12	16.4	24.9	20.6	87.7	21.108	18.3	0.0	0.0	0.0	0.8
13	16.0	27.0	21.1	85.6	21.258	18.5	0.0	0.0	0.0	5.1
14	16.5	25.6	20.2	85.3	20.265	17.7	0.8	0.0	0.8	0.7
15	16.9	28.0	21.9	80.0	20.453	17.7	0.0	0.0	0.0	4.0
16	16.8	27.0	20.8	80.5	19.538	17.1	0.0	0.0	0.0	4.7
17	16.8	23.5	19.2	90.6	20.313	17.7	7.5	18.1	25.6	0.0
18	16.4	26.0	20.6	87.6	21.259	18.4	0.3	0.0	0.3	0.9
19	16.5	24.0	20.2	90.7	21.450	18.6	3.4	5.2	8.6	0.2
20	16.0	25.0	19.2	88.3	19.715	17.3	5.2	0.3	5.5	2.4
21	16.9	23.0	19.4	94.4	21.466	18.7	21.8	1.9	23.7	0.5
22	15.5	26.0	20.4	85.4	20.095	17.5	2.8	36.6	39.4	5.1
23	16.0	25.5	19.8	86.9	20.000	17.5	1.6	0.0	1.6	1.4
24	15.9	25.5	20.6	85.3	20.352	17.7	0.0	26.9	26.9	5.7
25	15.4	26.9	21.1	85.9	21.210	18.4	3.0	16.6	19.6	6.8
26	15.8	25.5	20.0	90.8	21.189	18.4	2.5	0.0	2.5	4.8
27	15.0	27.5	21.0	80.2	19.182	16.7	0.0	0.0	0.0	8.9
28	15.0	27.4	21.4	83.8	20.919	18.1	0.0	0.0	0.0	8.6
29	16.5	26.5	20.9	86.7	21.406	18.6	1.3	13.3	14.6	1.9
30	15.9	25.5	19.7	86.3	20.074	17.5	0.6	0.0	0.6	3.2
31	16.4	26.0	20.4	85.6	20.470	17.8	2.3	0.0	2.3	5.4
Prom.	16.1	25.6	20.4	86.9	20.709	18.0	65.8	234.2	300.0	105.9

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	27.0	20.7	83.7	20.270	17.7	0.1	0.0	0.1	6.0
2	16.0	27.5	20.6	75.9	18.106	15.8	0.0	0.0	0.0	2.8
3	16.1	23.3	19.1	89.7	20.041	17.5	2.7	0.7	3.4	3.0
4	16.8	23.2	19.0	88.9	19.549	17.1	1.6	0.0	1.6	1.1
5	16.0	26.5	20.2	81.5	18.924	16.6	0.0	0.0	0.0	4.6
6	16.5	26.3	20.2	82.1	19.228	16.8	0.7	0.0	0.7	2.5
7	16.6	23.6	19.0	91.4	20.405	17.8	1.8	0.0	1.8	0.1
8	14.4	26.9	20.4	80.6	19.190	16.8	0.1	1.2	1.3	7.5
9	14.9	27.9	20.4	80.6	19.052	16.8	0.0	0.0	0.0	3.6
10	15.5	26.5	21.3	70.2	17.375	15.3	0.0	0.0	0.0	8.0
11	14.5	27.5	20.6	74.1	17.797	15.6	0.0	2.0	2.0	9.2
12	15.4	23.1	19.0	90.5	19.988	17.5	3.5	0.0	3.5	0.2
13	16.3	24.5	19.8	91.9	21.055	18.3	1.2	0.0	1.2	0.6
14	15.8	25.5	20.1	80.8	18.703	16.4	0.0	0.2	0.2	4.9
15	13.0	23.0	19.4	82.9	18.558	16.3	0.3	0.0	0.3	2.0
16	15.5	24.5	20.0	81.6	18.915	16.5	0.4	0.0	0.4	4.5
17	14.5	26.3	20.3	80.5	19.164	16.7	0.8	7.6	8.4	3.1
18	15.6	23.6	18.5	89.5	19.136	16.8	1.2	0.0	1.2	4.7
19	14.5	26.9	19.6	59.4	13.708	11.6	0.0	0.0	0.0	1.1
20	12.0	25.5	20.2	71.1	16.437	14.2	0.0	0.0	0.0	7.0
21	15.5	26.5	20.5	79.9	18.814	16.5	0.0	0.0	0.0	3.6
22	15.0	25.5	20.8	88.8	21.859	18.9	2.2	0.1	2.3	4.0
23	16.0	25.9	20.0	83.3	19.295	16.9	2.8	0.0	2.8	5.0
24	15.0	27.0	19.7	79.8	18.155	15.9	0.0	0.0	0.0	4.5
25	14.0	26.0	19.1	81.7	17.936	15.8	15.5	0.1	15.6	6.5
26	14.9	24.0	19.8	84.1	19.322	17.0	0.0	0.0	0.0	1.8
27	14.8	22.0	17.9	87.9	17.952	15.8	0.0	0.0	0.0	0.4
28	15.6	25.6	19.7	86.8	19.911	17.4	10.2	0.2	10.4	3.6
29	15.0	22.3	18.7	90.4	19.539	17.1	1.3	0.0	1.3	0.1
30	13.5	25.4	19.2	81.4	17.858	15.6	0.1	3.2	3.3	5.4
Prom.	15.2	25.3	19.8	82.4	18.875	16.5	46.5	15.6	62.1	111.4

Estación **BLONAY**Municipio **CHINACOTA**Año **1.971**Altitud **1.235** metrosLatitud **7-35 N.**Longitud **72-36 W.****M E S - JULIO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.9	24.6	18.6	82.1	17.768	15.6	0.5	0.0	0.5	3.7
2	15.0	25.0	18.8	80.3	17.768	15.6	3.8	0.0	3.8	3.4
3	14.9	26.0	20.9	69.2	17.392	15.0	0.0	0.0	0.0	5.7
4	13.9	23.6	18.5	86.1	18.384	16.0	0.5	0.0	0.5	2.6
5	14.8	26.5	20.5	75.6	17.933	15.8	0.0	0.0	0.0	6.4
6	15.0	27.0	20.5	78.4	18.499	16.2	0.0	0.0	0.0	8.9
7	15.8	25.0	19.8	84.6	19.679	17.2	6.9	0.1	7.0	2.6
8	15.0	24.0	19.1	84.5	18.482	16.2	2.3	0.0	2.3	2.7
9	16.0	27.4	20.1	76.4	18.135	16.0	0.0	0.2	0.2	7.8
10	16.0	23.0	18.8	89.7	19.771	17.3	1.8	0.0	1.8	1.0
11	15.9	23.0	18.9	87.5	19.371	17.0	1.5	0.0	1.5	1.1
12	16.5	26.0	20.1	82.0	19.338	17.0	0.0	0.0	0.0	2.2
13	15.1	25.0	20.2	85.4	19.960	17.5	0.0	0.0	0.0	5.3
14	16.0	25.5	19.9	77.2	18.133	15.9	0.0	17.7	17.7	4.8
15	15.0	24.0	19.1	87.4	19.414	17.0	0.0	0.0	0.0	3.0
16	15.0	24.0	18.4	87.1	18.638	16.4	0.5	2.1	2.6	3.7
17	13.5	25.0	19.7	84.7	19.498	17.1	0.0	0.1	0.1	5.7
18	15.8	24.0	18.7	92.8	20.348	17.8	3.4	0.0	3.4	1.7
19	15.5	25.5	19.8	80.5	18.556	16.3	0.1	0.0	0.1	6.1
20	16.0	26.0	19.1	80.9	18.083	15.9	0.0	0.0	0.0	2.1
21	15.0	26.5	19.0	74.5	16.175	14.2	0.0	0.0	0.0	5.8
22	15.0	25.0	19.5	76.7	17.461	15.3	0.0	0.0	0.0	
23	14.6	25.4	19.1	80.6	17.930	15.8	0.0	0.0	0.0	
24	16.0	27.3	19.6	80.6	18.527	16.3	6.4	0.0	6.4	
25	14.5	27.9	20.4	78.3	18.576	16.3	0.1	0.0	0.1	
26	16.0	24.4	19.8	75.6	17.531	15.4	0.0	0.0	0.0	
27	14.5	28.0	20.5	71.6	16.697	14.5	0.0	0.0	0.0	
28	14.5	27.3	20.7	78.2	18.769	16.4	0.4	0.0	0.4	
29	15.5	25.0	19.3	82.8	18.831	16.5	0.0	0.0	0.0	
30	14.5	25.0	19.6	83.5	18.794	16.5	0.1	0.0	0.1	
31	15.5	27.5	20.8	68.7	16.772	14.7	0.0	0.0	0.0	6.4
Prom.	15.2	25.5	19.6	80.8	18.426	16.2	28.3	21.1	49.4	

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.5	20.0	18.0	92.9	19.358	17.0	3.5	0.0	3.5	4.5
2	14.9	26.0	20.0	74.6	17.224	15.2	0.0	0.0	0.0	3.1
3	13.0	28.0	19.6	65.3	14.326	12.2	0.0	0.0	0.0	9.3
4	13.0	25.0	19.6	77.2	17.082	14.8	0.1	4.6	4.7	4.5
5	15.6	25.5	19.1	89.6	19.744	17.3	3.4	0.0	3.4	4.3
6	15.0	25.5	20.4	82.0	19.217	16.8	1.1	0.0	1.1	3.0
7	14.6	27.4	19.3	68.3	15.202	13.2	0.0	0.0	0.0	5.3
8	14.9	27.9	20.7	61.9	14.640	12.6	0.0	0.0	0.0	4.4
9	15.6	26.0	20.3	70.6	16.673	14.6	0.5	0.0	0.5	3.6
10	14.5	25.2	19.1	71.8	15.975	13.9	6.2	0.0	6.2	2.9
11	14.0	26.5	19.4	70.1	15.621	13.6	2.5	1.4	3.9	5.0
12	14.9	24.4	19.2	77.4	17.257	15.2	7.5	0.0	7.5	3.1
13	15.0	24.0	19.2	83.1	18.537	16.3	6.6	0.1	6.7	4.6
14	15.0	25.5	19.2	75.9	16.693	14.6	2.5	0.0	2.5	7.3
15	15.9	24.0	19.5	79.9	18.266	16.0	6.7	0.4	7.1	1.0
16	16.0	25.0	19.1	76.7	16.947	14.9	27.6	14.4	42.0	4.0
17	15.0	26.5	19.9	74.6	17.307	15.2	0.0	0.0	0.0	5.7
18	15.6	25.0	19.2	83.2	18.693	16.4	2.8	0.3	3.1	3.2
19	16.0	26.5	20.9	71.7	17.686	15.5	0.1	0.0	0.1	7.9
20	14.9	27.5	19.7	73.7	16.911	14.8	4.6	0.2	4.8	6.8
21	16.0	27.4	20.8	74.2	17.972	15.8	1.9	0.3	2.2	6.7
22	16.0	26.0	19.3	77.1	17.389	15.3	3.1	0.0	3.1	3.3
23	15.0	25.5	19.7	75.5	17.074	15.0	8.3	1.3	9.6	5.6
24	16.0	27.0	20.9	70.6	17.091	15.0	0.0	1.3	1.3	7.0
25	16.0	25.0	20.4	77.2	18.344	16.1	0.3	9.0	9.3	0.1
26	17.0	27.0	21.0	72.0	17.654	15.5	1.0	0.0	1.0	4.7
27	17.0	27.0	19.3	84.0	19.080	16.8	14.5	0.8	15.3	0.0
28	16.5	25.6	20.5	74.2	17.765	15.7	0.0	0.0	0.0	5.4
29	15.5	25.0	19.1	77.9	17.274	15.2	0.0	0.0	0.0	3.8
30	17.0	27.5	21.8	69.9	17.886	15.7	0.0	0.0	0.0	4.7
31	15.0	26.5	20.2	76.7	18.291	16.0	3.7	7.3	11.0	5.1
Prom.	15.4	25.8	19.8	75.8	17.393	15.2	108.5	41.4	149.9	139.9

Estación **BLONAY**
 Altitud **1.235** metros

Municipio **CHINACOTA**
 Latitud **7-35 N.**

Año **1.971**
 Longitud **72-36 W.**

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	24.5	19.7	78.0	18.032	15.9	0.8	3.3	4.1	0.6
2	16.5	25.5	19.8	77.1	17.902	15.8	2.7	0.2	2.9	0.5
3	16.0	26.5	19.8	75.5	17.461	15.4	0.4	15.4	15.8	4.4
4	15.0	27.0	19.9	71.1	16.498	14.5	0.1	0.0	0.1	7.1
5	13.5	27.9	20.2	68.0	15.646	13.6	0.0	0.0	0.0	8.6
6	17.1	24.0	19.7	76.2	17.659	15.5	1.5	6.8	8.3	2.2
7	14.5	26.6	19.4	75.2	16.619	14.5	0.5	0.0	0.5	5.0
8	15.4	26.0	19.6	76.0	17.314	15.3	1.2	0.0	1.2	2.8
9	15.0	25.5	19.1	80.5	18.031	15.9	1.5	0.5	2.0	4.1
10	15.0	26.0	20.2	75.3	18.105	16.0	0.2	0.0	0.2	4.8
11	15.0	27.9	19.4	72.0	16.408	14.4	0.0	0.0	0.0	8.0
12	15.0	27.9	21.0	71.6	17.686	15.6	0.0	0.7	0.7	6.1
13	16.4	26.0	19.7	72.9	16.512	14.5	0.0	0.0	0.0	3.5
14	15.0	26.4	19.8	73.2	16.964	14.9	3.9	0.0	3.9	5.2
15	15.0	26.5	19.4	76.8	17.556	15.4	4.3	0.0	4.3	2.1
16	15.6	25.5	19.8	77.0	17.905	15.8	2.0	0.0	2.0	1.7
17	15.8	22.5	18.9	77.5	17.116	15.1	0.1	1.2	1.3	0.0
18	16.0	24.5	20.0	77.6	17.959	15.8	11.3	16.4	27.7	1.9
19	16.1	24.4	19.5	78.9	18.026	15.9	0.1	0.0	0.1	1.0
20	16.4	26.5	20.0	75.0	17.608	15.5	0.0	0.0	0.0	4.4
21	16.3	26.0	20.4	73.2	17.735	15.6	0.0	0.0	0.0	1.4
22	14.8	27.0	19.6	73.7	16.796	14.8	2.0	0.0	2.0	6.6
23	14.6	28.4	20.4	72.3	17.148	15.0	0.0	0.0	0.0	7.9
24	15.6	28.4	21.6	73.4	18.801	16.5	0.0	0.0	0.0	4.7
25	16.4	27.0	21.4	71.3	18.162	16.0	0.0	0.0	0.0	2.5
26	16.0	26.4	20.2	72.2	17.247	15.2	0.0	0.0	0.0	3.3
27	14.8	28.9	20.0	67.6	15.616	13.6	0.0	0.0	0.0	7.5
28	14.8	26.0	20.0	70.1	16.309	14.3	0.0	0.0	0.0	3.3
29	16.5	28.0	20.8	74.7	18.509	16.3	4.2	3.0	7.2	3.8
30	16.5	27.0	20.0	73.3	17.088	15.0	0.0	1.0	1.0	3.8
Prom.	15.6	26.4	20.0	74.2	17.347	15.3	36.8	48.5	85.3	118.8

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	27.5	20.1	78.0	18.186	15.8	0.0	0.0	0.0	2.4
2	16.7	25.0	19.7	77.0	18.044	15.9	0.4	2.3	2.7	1.5
3	17.1	24.4	19.2	79.0	17.893	15.8	3.4	9.1	12.5	0.3
4	16.4	26.0	19.8	79.6	18.746	16.4	0.0	0.3	0.3	3.6
5	16.5	25.9	21.1	76.1	18.803	16.5	0.0	0.3	0.3	2.5
6	15.4	24.5	18.9	80.0	17.888	15.7	10.5	0.0	10.5	2.7
7	14.6	23.0	18.4	82.9	17.914	15.8	0.2	0.0	0.2	1.0
8	14.8	27.0	20.3	73.4	17.114	15.0	0.0	0.0	0.0	7.9
9	14.0	26.9	20.8	68.4	16.957	14.9	0.0	0.0	0.0	2.7
10	16.5	29.0	21.7	74.3	18.930	16.6	0.0	0.3	0.3	3.8
11	16.5	25.5	19.7	74.7	17.082	15.0	16.6	3.0	19.6	1.7
12	15.0	24.0	19.0	77.1	16.838	14.8	0.3	0.0	0.3	2.6
13	15.9	27.0	20.3	71.8	17.036	15.0	0.0	0.0	0.0	3.5
14	17.3	26.9	21.0	73.3	18.027	15.9	0.0	0.0	0.0	2.5
15	16.5	28.0	21.3	73.9	18.287	16.0	0.0	0.0	0.0	7.6
16	17.1	26.9	20.8	70.4	17.146	15.1	0.0	0.0	0.0	2.7
17	17.5	25.0	20.6	79.3	19.150	16.8	41.6	25.9	67.5	3.1
18	15.9	25.0	19.3	87.9	20.172	17.5	1.1	0.3	1.4	6.7
19	16.3	27.1	20.6	74.7	18.122	16.0	0.0	0.0	0.0	6.9
20	15.9	27.5	21.2	69.9	17.257	15.1	0.0	0.0	0.0	7.9
21	16.1	28.3	21.5	73.1	18.447	16.2	0.2	0.3	0.5	6.7
22	18.0	27.0	20.8	77.0	18.866	16.6	0.0	0.0	0.0	4.0
23	17.5	27.3	20.3	78.8	18.989	16.7	7.3	7.5	14.8	4.7
24	16.2	27.0	21.0	76.1	18.886	16.5	0.0	0.0	0.0	4.3
25	15.8	25.4	19.4	78.9	17.677	15.5	18.5	36.3	54.8	5.1
26	17.0	26.6	19.0	77.5	16.895	14.7	9.0	0.0	9.0	4.6
27	15.0	24.8	19.5	79.0	17.866	15.7	0.3	3.5	3.8	4.2
28	17.4	26.5	20.8	77.6	19.151	16.9	0.0	0.0	0.0	5.5
29	16.3	29.0	21.9	68.6	17.665	15.5	0.7	0.0	0.7	7.4
30	16.9	27.0	21.1	75.7	18.997	16.7	0.0	0.4	0.4	4.4
31	17.4	25.5	18.6	82.2	17.466	15.4	2.3	16.3	18.6	4.2
Prom.	16.3	26.3	20.2	76.3	18.081	15.9	112.4	105.8	218.2	128.7

Estación **BLONAY**
 Altitud **1.235** metros

Municipio **CHINACOTA**
 Latitud **7-35 N.**

Año **1.971**
 Longitud **72-36 W.**

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	24.0	20.2	78.4	18.553	16.3	0.7	0.0	0.7	0.5
2	17.5	24.5	20.0	79.3	18.599	16.4	10.4	0.0	10.4	1.9
3	15.5	25.5	19.8	80.1	18.566	16.3	1.0	0.0	1.0	3.1
4	15.9	25.5	20.0	81.7	19.127	16.7	6.0	0.0	6.0	2.9
5	15.9	28.0	19.0	78.6	17.190	15.1	3.3	0.0	3.3	5.6
6	15.8	25.0	19.6	74.3	16.955	14.9	1.2	0.0	1.2	2.8
7	15.5	26.0	20.1	76.3	17.973	15.8	0.0	0.0	0.0	3.2
8	17.0	25.0	19.9	77.2	18.060	15.9	0.0	0.0	0.0	0.5
9	15.5	26.9	20.4	73.1	17.482	15.4	0.0	0.6	0.6	5.7
10	15.5	29.0	20.7	72.7	17.241	15.0	0.0	0.0	0.0	3.3
11	15.5	28.0	20.6	75.2	17.806	15.6	0.0	13.2	13.2	0.0
12	16.0	25.0	20.2	77.7	18.165	15.9	0.7	0.1	0.8	4.1
13	15.0	26.5	20.4	77.6	18.445	16.2	0.0	0.0	0.0	6.2
14	17.0	25.6	20.0	78.6	18.369	16.1	0.0	0.0	0.0	2.0
15	16.0	27.0	20.3	78.1	18.598	16.3	0.0	0.0	0.0	3.8
16	16.0	27.3	20.5	76.2	18.390	16.2	0.0	10.6	10.6	5.0
17	17.3	25.0	19.7	82.4	19.389	17.0	18.9	0.0	18.9	2.9
18	15.9	26.4	19.3	77.3	17.300	15.2	11.9	29.7	41.6	4.9
19	16.6	22.0	18.4	83.1	17.820	15.7	2.7	10.6	13.3	0.5
20	15.6	23.0	18.6	82.6	17.678	15.5	0.0	1.2	1.2	2.0
21	15.0	24.5	19.5	79.2	17.944	15.8	0.0	3.3	3.3	6.8
22	16.4	24.0	18.7	79.3	17.094	15.0	0.0	0.0	0.0	2.4
23	14.6	25.0	19.2	77.7	17.120	15.0	0.0	0.0	0.0	6.1
24	16.4	24.0	19.6	74.0	16.921	14.8	0.0	0.0	0.0	1.8
25	15.9	26.5	20.2	78.8	18.566	16.3	0.1	0.2	0.3	4.5
26	16.0	25.0	20.0	79.8	18.705	16.4	0.0	0.0	0.0	3.6
27	16.0	22.0	18.4	81.7	17.254	15.2	0.1	0.0	0.1	2.4
28	15.9	24.0	19.2	87.1	19.425	17.0	0.0	0.0	0.0	2.6
29	15.9	26.0	20.5	75.5	17.913	15.7	0.0	0.0	0.0	4.6
30	15.8	25.0	19.1	78.7	17.215	15.1	1.8	0.0	1.8	6.5
Prom.	16.0	25.4	19.7	78.4	17.995	15.8	58.8	69.5	128.3	102.2

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.5	24.0	19.2	80.0	17.805	15.7	0.0	0.0	0.0	5.2
2	15.0	26.0	20.1	80.1	18.782	16.5	0.0	5.9	5.9	6.3
3	17.5	25.6	20.1	75.9	17.706	15.5	0.0	0.0	0.0	5.5
4	14.0	25.5	19.7	74.5	16.690	14.6	0.0	0.0	0.0	8.3
5	13.0	25.9	19.1	73.7	15.980	13.9	0.0	0.0	0.0	8.3
6	14.9	26.0	19.7	74.3	16.845	14.8	0.0	0.0	0.0	2.9
7	15.9	23.0	18.7	84.2	18.233	16.0	0.3	0.0	0.3	0.5
8	14.5	26.5	19.3	74.0	16.177	14.1	0.0	0.0	0.0	8.5
9	13.5	26.0	18.7	74.8	15.960	13.9	0.0	0.0	0.0	4.9
10	13.9	25.5	18.9	82.8	18.312	15.9	0.0	0.0	0.0	6.3
11	13.9	26.5	21.0	70.0	16.913	14.7	0.0	0.0	0.0	7.9
12	13.9	26.0	19.3	72.4	15.877	13.9	0.0	0.0	0.0	8.0
13	15.0	25.0	19.2	78.4	17.358	15.3	0.0	12.8	12.8	5.6
14	17.0	24.0	19.2	81.2	18.134	16.0	0.0	0.0	0.0	3.2
15	16.0	25.0	19.1	78.7	17.336	15.2	0.0	0.0	0.0	5.0
16	15.0	25.5	19.4	75.2	16.658	14.6	0.0	0.0	0.0	7.1
17	14.5	24.0	19.0	79.6	17.528	15.4	8.6	4.4	13.0	4.0
18	16.5	23.0	19.0	81.6	17.812	15.7	0.0	10.3	10.3	1.1
19	15.0	21.0	17.7	84.4	17.161	15.1	0.0	0.0	0.0	0.8
20	14.0	24.6	18.5	77.8	16.362	14.3	0.0	0.0	0.0	5.9
21	15.0	22.0	17.9	83.3	17.158	15.1	0.0	0.8	0.8	2.1
22	14.0	22.9	17.2	86.1	16.962	14.9	5.2	0.3	5.5	2.2
23	15.0	22.0	18.0	83.1	17.000	14.9	1.4	0.0	1.4	1.5
24	15.0	21.5	18.0	82.9	17.192	15.1	3.4	2.8	6.2	0.2
25	16.8	25.0	18.9	76.7	16.558	14.5	0.0	0.0	0.0	5.0
26	17.1	21.5	18.3	89.3	18.806	16.5	1.5	0.0	1.5	0.6
27	15.9	20.0	17.5	90.9	18.267	16.1	1.8	0.5	2.3	0.0
28	15.5	23.0	17.9	87.8	18.189	16.0	29.8	2.6	32.4	2.1
29	16.0	22.2	18.3	85.2	17.998	15.9	0.9	0.6	1.5	0.7
30	15.0	22.0	17.4	86.7	17.251	15.2	0.0	0.0	0.0	2.9
31	15.5	24.0	19.3	79.8	17.850	15.7	0.0	0.0	0.0	2.7
Prom.	15.1	24.0	18.8	80.2	17.318	15.2	52.9	41.0	93.9	125.3

Estación **BLDNAY**
 Altitud **1.235** Metros

Municipio **CHINACOTA**
 Latitud **7-35 N.**

Año **1.971**
 Longitud **72-36 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.		
ENERO	15.1	23.3	18.7	12.5	26.0	88.1	18.968	16.6	262.0	21	102.2	
FEBRERO	14.3	23.2	18.3	11.5	27.0	84.4	17.612	15.4	92.3	14	84.4	
MARZO	15.3	22.6	18.5	14.0	27.7	87.4	18.610	16.3	122.8	15	57.9	
ABRIL	15.4	24.3	19.5	13.0	28.0	85.0	19.111	16.7	138.2	15	98.2	
MAYO	16.1	25.6	20.4	14.9	28.0	86.9	20.709	18.0	300.0	21	105.9	
JUNIO	15.2	25.3	19.8	12.0	27.9	82.4	18.875	16.5	62.1	21	111.4	
JULIO	15.2	25.5	19.6	13.5	28.0	80.8	18.426	16.2	49.4	18		
AGOSTO	15.4	25.8	19.8	13.0	28.0	75.8	17.393	15.2	149.9	23	139.9	
SEPTIEMBRE	15.6	26.4	20.0	13.5	28.9	74.2	17.347	15.3	85.3	19	118.8	
OCTUBRE	16.3	26.3	20.2	14.0	29.0	76.3	18.081	15.9	218.2	19	128.7	
NOVIEMBRE	16.0	25.4	19.7	14.6	29.0	78.4	17.995	15.8	128.3	18	102.2	
DICIEMBRE	15.1	24.0	18.8	13.0	26.5	80.2	17.318	15.2	93.9	13	125.3	
PROMEDIO	15.4	24.8	19.4	13.3	27.8	81.7	18.370	16.1				
TOTAL										1702.4	217	

Estación PARAGUAYCITO

Municipio PIJAO

Año 1.971

Altitud 1.250 metros

Latitud 4-24 N.

Longitud 75-43 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.8	29.2	22.2	72.5	18.573	16.4	0.0	0.0	0.0	9.4
2	17.6	29.6	21.4	80.7	20.151	17.5	2.7	0.0	2.7	8.6
3	16.9	25.8	20.4	84.0	19.977	17.5	0.2	10.9	11.1	8.1
4	16.0	22.3	18.4	98.9	21.077	18.3	9.7	0.6	10.3	0.0
5	16.6	25.0	20.0	83.8	19.271	16.9	8.5	50.4	58.9	0.8
6	16.0	25.2	19.3	92.0	20.677	18.0	13.1	31.0	44.1	1.8
7	16.5	25.0	18.9	91.2	20.175	17.7	56.8	1.8	58.6	1.3
8	16.3	27.0	21.2	79.9	19.502	17.1	0.2	14.3	14.5	5.4
9	16.0	26.6	19.4	83.1	18.464	16.2	1.3	0.0	1.3	4.7
10	14.5	27.0	19.1	84.7	18.415	16.1	17.3	0.0	17.3	5.0
11	15.6	27.5	20.1	79.5	18.263	16.1	10.1	0.0	10.1	4.7
12	15.4	29.2	21.7	80.0	19.803	17.2	0.0	0.0	0.0	9.1
13	16.8	28.4	21.5	85.3	21.734	18.8	1.5	0.0	1.5	2.2
14	15.5	28.3	20.9	83.4	20.303	17.8	1.4	0.0	1.4	4.7
15	15.8	27.0	21.1	81.2	19.666	17.2	0.0	0.0	0.0	4.6
16	17.7	26.0	19.5	86.2	19.643	17.2	9.6	0.3	9.9	2.1
17	13.8	27.0	20.3	77.4	17.565	15.4	0.0	0.0	0.0	6.5
18	17.3	27.0	20.6	80.6	19.274	16.9	11.6	0.0	11.6	4.4
19	15.1	26.1	19.5	81.0	17.857	15.6	42.0	0.0	42.0	2.7
20	14.7	27.0	20.3	77.6	17.621	15.4	0.0	7.0	7.0	5.0
21	16.8	27.0	21.3	76.9	18.722	16.4	0.0	0.0	0.0	2.6
22	17.1	27.3	21.7	77.0	19.222	16.9	0.0	0.0	0.0	6.8
23	15.8	29.6	21.8	72.8	18.142	16.0	0.0	0.0	0.0	8.6
24	14.5	28.8	21.5	78.9	19.565	17.1	0.0	0.0	0.0	8.0
25	17.0	28.3	21.7	80.2	20.117	17.5	1.2	0.2	1.4	5.6
26	16.8	26.7	20.9	83.2	20.107	17.6	0.0	0.0	0.0	3.2
27	16.6	28.4	20.3	81.1	18.961	16.6	23.7	0.2	23.9	6.9
28	16.0	28.3	20.3	81.3	18.869	16.5	2.8	0.7	3.5	7.9
29	15.6	27.3	20.3	82.7	19.061	16.6	0.0	0.0	0.0	4.4
30	16.8	29.3	22.3	76.2	19.639	17.1	10.0	0.2	10.2	5.8
31	17.0	28.0	20.7	79.3	19.119	16.7	16.2	0.0	16.2	7.3
Prom.	16.2	27.3	20.6	81.7	19.340	16.9	239.9	117.6	357.5	158.2

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	26.0	19.4	83.5	18.895	16.6	0.5	0.0	0.5	3.0
2	15.2	27.3	21.6	76.2	18.757	16.4	0.0	0.0	0.0	5.3
3	17.7	27.8	21.2	82.6	20.356	17.6	12.2	14.2	26.4	3.1
4	17.3	25.8	20.2	83.6	19.549	17.1	34.7	7.4	42.1	2.3
5	16.4	27.0	19.6	78.3	17.586	15.4	19.6	0.0	19.6	3.2
6	15.6	28.5	21.8	72.2	17.839	15.7	0.0	0.1	0.1	9.7
7	17.6	25.0	20.5	82.3	19.545	17.1	0.9	0.0	0.9	0.8
8	16.4	29.0	21.6	77.9	19.341	16.9	0.0	1.0	1.0	7.4
9	17.6	29.0	21.9	77.9	19.690	17.1	2.1	3.9	6.0	7.9
10	17.0	25.6	19.4	88.3	19.780	17.3	0.6	0.0	0.6	1.8
11	16.0	29.1	21.5	74.5	18.232	16.0	0.1	2.4	2.5	9.0
12	17.1	28.4	22.5	70.3	18.093	15.9	0.0	2.4	2.4	7.4
13	17.8	29.1	20.4	80.1	18.913	16.5	4.9	2.5	7.4	5.9
14	17.1	26.6	21.6	75.7	18.855	16.5	0.4	0.0	0.4	4.2
15	16.4	27.0	20.2	81.8	18.852	16.5	0.4	0.0	0.4	6.5
16	14.7	27.7	19.8	77.4	17.424	15.3	25.8	10.7	36.5	6.0
17	16.8	29.5	21.9	73.3	18.395	16.1	1.4	27.0	28.4	6.3
18	17.1	23.6	18.6	94.9	20.509	17.9	17.5	1.1	18.6	0.0
19	16.8	24.0	19.1	88.6	19.652	17.2	4.0	0.0	4.0	0.0
20	14.1	28.0	20.9	78.1	18.321	16.0	1.9	4.2	6.1	6.9
21	16.4	24.3	20.5	83.4	19.588	17.1	1.1	0.1	1.2	0.0
22	17.1	22.2	19.1	88.5	19.472	17.1	2.8	0.0	2.8	0.0
23	15.4	26.8	20.8	80.6	19.235	16.9	0.0	0.0	0.0	2.2
24	15.8	28.2	19.6	75.5	16.855	14.8	0.0	0.0	0.0	5.9
25	14.0	29.9	21.6	70.9	16.997	14.9	0.0	0.0	0.0	8.6
26	17.1	26.1	21.3	83.2	20.703	18.0	0.0	0.0	0.0	1.2
27	15.6	29.0	22.1	75.1	18.894	16.5	4.1	5.8	9.9	5.2
28	15.3	29.4	20.8	78.7	18.622	16.4	0.0	0.0	0.0	7.4
Prom.	16.3	27.1	20.7	79.8	18.891	16.5	135.0	82.8	217.8	127.2

Estación **PARAGUAYCITO**Municipio **PIJAO**Año **1.971**Altitud **1.250** metrosLatitud **4-24 N.**Longitud **75-43 W.****M E S - MARZO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.8	25.0	19.1	87.9	19.348	16.9	1.6	0.0	1.6	2.9
2	15.7	28.9	21.1	73.3	17.324	15.2	0.3	0.0	0.3	4.8
3	15.8	28.4	21.5	75.4	18.258	16.0	0.0	46.0	46.0	5.7
4	16.0	25.5	19.9	82.4	18.724	16.5	0.0	0.0	0.0	1.4
5	16.4	29.6	20.9	79.9	19.259	16.9	7.3	1.1	8.4	5.6
6	16.8	29.9	22.1	78.8	20.260	17.6	10.4	0.5	11.0	7.8
7	17.7	25.2	20.2	87.3	20.816	18.1	5.6	0.1	5.7	0.0
8	16.8	27.0	21.4	80.5	19.899	17.4	0.1	0.0	0.1	0.5
9	17.0	29.8	21.2	80.9	19.947	17.4	10.4	0.0	10.4	3.0
10	15.3	29.9	21.7	77.2	19.140	16.7	5.3	0.0	5.3	0.0
11	17.4	26.0	19.7	87.2	19.947	17.4	23.4	20.1	43.5	0.7
12	17.3	25.0	20.2	93.0	22.109	19.1	0.5	0.2	0.7	1.5
13	17.0	28.4	21.9	75.4	18.933	16.6	3.0	9.5	3.5	5.9
14	18.1	28.0	21.4	78.0	19.518	17.0	0.7	34.1	34.8	4.0
15	17.5	28.5	21.1	77.5	18.827	16.5	0.0	0.0	0.0	2.1
16	17.4	26.4	20.5	85.4	20.569	17.9	0.8	10.0	10.8	0.8
17	16.0	26.8	20.2	81.1	18.866	16.5	0.5	4.5	5.0	1.5
18	17.3	25.4	20.0	81.3	18.815	16.5	3.2	8.8	12.0	0.9
19	17.3	26.0	21.0	80.1	19.569	17.1	0.6	11.6	12.2	1.8
20	17.0	25.0	19.2	84.0	18.730	16.4	17.1	0.0	17.1	0.4
21	16.0	27.4	20.3	76.0	17.401	15.1	1.9	0.0	1.9	4.8
22	17.0	26.0	19.9	80.8	18.740	16.4	26.6	53.2	79.8	2.2
23	16.0	27.0	20.7	76.4	18.111	15.9	6.4	9.6	16.0	5.2
24	16.8	28.8	20.7	79.6	19.048	16.7	6.8	37.0	43.8	4.7
25	17.0	28.4	21.5	75.2	18.739	16.4	1.6	12.8	14.4	4.9
26	17.1	28.4	21.1	73.6	17.812	15.5	1.0	29.0	30.0	2.3
27	17.7	29.0	21.7	77.2	19.558	17.0	1.8	6.0	7.8	6.9
28	17.7	26.2	20.4	81.7	19.336	16.9	12.7	14.0	26.7	3.7
29	16.9	27.0	21.0	75.0	17.876	15.5	0.0	0.0	0.0	2.4
30	16.8	27.4	20.8	81.3	19.746	17.3	0.0	21.7	21.7	4.4
31	16.3	25.0	19.8	78.4	17.627	15.3	2.5	13.0	15.5	1.6
Prom.	16.8	27.3	20.7	80.1	19.124	16.7	152.1	333.9	486.0	94.4

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.8	26.4	19.9	78.1	17.846	15.6	10.1	0.0	10.1	3.1
2	14.4	28.4	20.4	78.1	18.030	15.7	0.5	1.0	1.5	8.1
3	16.8	24.4	19.0	79.9	17.713	15.5	2.3	0.0	2.3	1.1
4	13.5	28.2	20.0	71.0	15.686	13.7	0.0	0.0	0.0	10.4
5	14.0	28.5	20.6	70.7	16.155	14.1	0.0	0.0	0.0	6.5
6	15.4	30.0	22.2	66.6	16.811	14.7	0.0	0.0	0.0	7.2
7	16.8	28.0	20.4	76.8	17.969	15.7	9.9	2.7	12.6	5.5
8	17.3	28.1	21.6	75.5	18.874	16.5	0.0	0.0	0.0	5.8
9	15.6	29.0	20.1	78.0	17.864	15.7	3.2	0.0	3.2	4.7
10	16.4	28.2	21.8	76.9	19.530	17.1	0.0	0.0	0.0	3.8
11	16.8	28.3	21.8	77.6	19.764	17.3	0.0	0.0	0.0	3.5
12	16.6	29.9	21.2	75.8	18.355	16.0	31.4	0.0	31.4	7.4
13	15.8	26.9	21.2	76.7	18.746	16.4	0.0	0.0	0.0	3.2
14	16.4	25.3	20.4	77.8	18.341	16.1	3.4	0.1	3.5	1.9
15	16.6	29.0	22.3	71.1	18.339	16.1	0.1	12.0	12.1	5.8
16	18.0	29.8	22.0	79.5	20.541	17.9	1.4	26.8	28.2	5.2
17	17.3	28.0	21.6	77.2	19.490	17.0	0.0	24.0	24.0	3.7
18	16.9	23.6	19.1	88.9	19.672	17.2	13.2	0.2	13.4	0.0
19	16.8	26.0	20.4	80.7	18.887	16.6	0.0	0.0	0.0	0.8
20	16.3	28.3	21.4	72.2	17.583	15.4	0.0	21.9	21.9	3.1
21	16.8	27.0	21.8	74.7	18.795	16.4	0.0	0.0	0.0	2.2
22	16.8	29.0	21.1	78.7	19.085	16.6	0.0	4.3	4.3	2.7
23	17.4	25.3	21.0	82.4	20.262	17.7	0.4	0.2	0.6	0.7
24	17.6	28.0	21.6	73.2	18.409	16.1	0.0	0.0	0.0	3.4
25	15.1	28.5	22.7	72.7	19.161	16.7	0.0	0.0	0.0	4.3
26	15.8	30.0	21.7	71.0	17.510	15.3	0.3	0.0	0.3	8.0
27	14.9	30.0	20.9	74.7	17.851	15.7	0.2	2.7	2.9	6.9
28	16.5	26.0	21.0	79.5	19.733	17.3	0.3	0.0	0.3	1.7
29	16.6	29.9	21.7	78.9	19.830	17.3	8.1	0.0	8.1	7.3
30	16.3	27.5	20.9	79.9	19.076	16.6	2.4	0.1	2.5	4.2
Prom.	16.3	27.9	21.1	76.5	18.530	16.2	87.2	96.0	183.2	132.2

Estación **PARAGUAYCITO**
 Altitud **1.250** metros

Municipio **PIJAO**
 Latitud **4-24 N.**

Año **1.971**
 Longitud **75-43 W.**

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	27.9	20.3	76.0	17.768	15.5	0.2	0.0	0.2	1.4
2	17.1	29.0	19.9	76.2	17.563	15.4	47.9	0.8	48.7	5.8
3	16.0	26.0	21.4	78.2	19.320	16.8	4.5	40.9	45.4	3.3
4	16.5	26.5	21.2	76.4	18.643	16.3	1.1	1.6	2.7	2.5
5	15.5	28.0	21.2	79.8	19.758	17.3	1.0	14.8	15.8	5.2
6	16.8	23.6	19.5	83.2	18.718	16.5	0.0	0.0	0.0	0.0
7	13.5	29.5	21.2	76.5	18.511	16.2	38.5	0.0	38.5	8.2
8	17.0	27.5	21.8	69.3	17.324	15.1	0.0	0.0	0.0	4.7
9	15.5	28.5	21.6	73.7	18.207	15.9	2.2	4.1	6.3	6.6
10	17.9	27.0	22.0	77.4	19.679	17.1	0.0	0.5	0.5	2.9
11	17.7	29.0	21.4	77.6	19.393	16.9	1.4	0.2	1.6	2.0
12	17.9	27.5	22.1	76.0	19.709	17.2	0.0	0.1	0.1	1.7
13	16.8	28.5	22.6	73.0	19.113	16.6	0.3	4.1	4.4	5.3
14	17.0	21.0	18.6	95.1	20.624	18.0	14.9	0.1	15.0	0.0
15	13.9	28.0	21.1	74.5	17.758	15.6	0.0	21.0	21.0	7.8
16	16.8	24.0	20.1	88.7	20.481	17.9	16.3	0.0	16.3	0.7
17	16.8	27.0	20.0	79.5	18.425	16.1	52.4	8.9	61.3	4.7
18	15.9	29.0	20.4	79.4	18.797	16.5	1.7	18.9	20.6	5.4
19	16.5	26.5	20.1	80.0	18.623	16.3	11.0	0.0	11.0	2.1
20	16.0	27.5	20.2	82.8	19.207	16.8	0.4	0.0	0.4	1.4
21	16.8	26.0	19.4	83.5	19.002	16.7	1.4	0.0	1.4	5.4
22	14.6	28.0	20.7	77.7	18.155	15.8	0.3	44.6	44.9	5.5
23	16.8	26.6	21.3	75.5	18.356	16.1	0.0	0.0	0.0	4.4
24	17.0	30.0	19.8	79.3	18.316	16.1	11.3	0.8	12.1	5.9
25	15.8	25.8	20.3	74.6	17.077	14.7	2.1	27.3	29.4	3.7
26	16.8	28.0	21.4	75.4	18.420	16.1	0.0	0.0	0.0	7.2
27	16.5	28.5	22.9	71.4	18.963	16.6	0.0	6.4	6.4	8.3
28	18.0	26.5	21.8	76.9	19.696	17.2	0.2	0.0	0.2	1.1
29	17.5	28.5	21.5	77.0	19.488	17.0	0.0	5.2	5.2	6.3
30	17.4	25.0	21.0	82.5	20.300	17.7	0.0	0.0	0.0	2.3
31	15.6	26.0	21.2	76.2	18.476	16.2	0.0	0.0	0.0	2.5
Prom.	16.5	27.1	20.9	78.2	18.835	16.5	209.1	200.3	409.4	124.3

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.4	28.0	21.8	77.3	19.706	17.1	7.9	22.8	30.7	4.5
2	16.5	28.0	21.4	78.9	19.663	17.2	0.5	0.0	0.5	3.3
3	16.8	28.0	22.6	72.4	18.863	16.5	0.0	0.0	0.0	6.2
4	16.5	28.8	22.8	73.2	19.522	17.0	0.5	1.4	1.9	5.8
5	17.7	27.5	22.1	77.6	20.031	17.4	0.9	11.2	12.1	4.7
6	16.9	26.0	20.6	78.7	18.760	16.4	3.8	0.0	3.8	2.5
7	17.9	26.6	21.5	78.3	19.935	17.4	0.8	0.5	1.3	2.3
8	16.5	26.0	22.0	73.5	18.576	16.1	0.0	0.0	0.0	1.2
9	15.8	27.0	20.4	77.6	18.202	16.0	0.0	0.0	0.0	2.0
10	15.6	27.3	21.3	74.2	17.891	15.7	0.0	0.0	0.0	2.9
11	15.6	29.0	21.5	67.9	16.517	14.4	0.0	0.0	0.0	8.2
12	16.9	22.0	17.9	93.0	19.523	17.1	12.1	0.4	12.5	0.0
13	15.8	24.4	19.6	82.3	18.536	16.3	1.7	1.3	3.0	0.8
14	14.7	27.4	21.2	73.8	17.636	15.5	0.0	0.0	0.0	7.1
15	17.3	28.5	21.8	77.4	19.519	16.9	3.9	0.2	4.1	6.3
16	15.9	29.9	21.8	70.3	17.326	15.0	0.0	0.0	0.0	8.6
17	16.8	29.5	21.5	73.4	18.413	16.2	0.0	0.4	0.4	7.6
18	16.9	23.5	19.9	81.9	18.987	16.6	2.1	0.6	2.7	0.2
19	16.4	28.0	21.7	72.5	17.866	15.7	0.0	0.0	0.0	6.8
20	16.8	28.5	23.3	65.3	17.345	15.2	0.0	0.0	0.0	7.8
21	16.5	27.0	20.2	78.7	18.448	16.2	0.6	0.0	0.6	4.4
22	16.6	25.8	20.1	80.3	18.606	16.3	1.0	0.0	1.0	2.1
23	15.6	29.5	23.3	66.8	17.788	15.6	0.0	0.0	0.0	10.4
24	16.6	28.5	22.1	69.8	17.452	15.3	0.0	0.0	0.0	5.6
25	16.4	29.3	23.2	61.2	15.568	12.9	0.0	1.1	1.1	9.1
26	17.3	26.0	21.4	78.8	19.546	17.1	0.7	0.0	0.7	1.4
27	16.9	28.0	21.5	79.2	19.896	17.4	0.5	0.5	1.0	4.0
28	16.9	27.0	20.6	77.0	18.231	15.9	2.1	0.0	2.1	2.0
29	15.4	27.5	19.8	80.4	18.305	16.1	8.8	0.7	9.5	5.2
30	16.9	27.9	21.5	73.4	18.060	15.7	0.3	0.1	0.4	4.1
Prom.	16.5	27.3	21.3	75.5	18.491	16.1	48.2	41.2	89.4	137.1

Estación **PARAGUAYCITO**
 Altitud **1.250** metros

Municipio **PIJAO**
 Latitud **4-24 N.**

Año **1.971**
 Longitud **75-43 W.**

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.4	28.0	22.1	75.5	19.440	17.0	0.0	0.0	0.0	4.2
2	15.5	27.5	21.6	77.2	19.431	17.0	0.2	15.5	15.7	3.3
3	16.8	26.0	21.4	72.4	17.785	15.6	0.0	2.1	2.1	3.9
4	16.8	23.6	19.0	90.4	19.784	17.3	22.1	0.0	22.1	1.0
5	16.3	28.0	20.6	74.5	17.461	15.3	3.4	0.0	3.4	6.3
6	14.5	27.6	21.0	76.5	18.479	16.3	0.0	0.0	0.0	6.7
7	17.0	26.0	21.5	79.1	19.959	17.4	0.0	0.0	0.0	2.8
8	15.5	30.0	23.4	67.9	18.151	16.0	0.0	0.0	0.0	9.2
9	17.0	30.5	23.7	70.3	19.739	17.2	0.0	0.0	0.0	7.1
10	17.5	29.0	22.2	77.0	19.951	17.3	0.0	0.0	0.0	5.5
11	15.6	26.0	21.3	76.6	18.664	16.4	0.0	0.0	0.0	3.8
12	16.5	28.0	22.1	75.6	19.523	17.0	0.5	1.7	2.2	3.9
13	17.5	29.0	22.7	75.3	19.995	17.5	0.2	5.9	6.1	4.6
14	17.6	27.0	20.9	77.6	19.078	16.7	0.8	0.0	0.8	2.1
15	15.6	28.8	21.4	76.7	18.808	16.4	0.5	0.0	0.5	8.5
16	15.0	28.5	20.7	64.8	14.650	12.5	0.0	0.0	0.0	7.3
17	13.0	26.5	21.2	70.7	16.727	14.6	0.0	0.0	0.0	4.4
18	16.0	29.9	22.9	64.4	16.659	14.6	0.0	0.0	0.0	9.2
19	14.6	31.0	23.0	65.5	17.212	15.1	0.0	0.0	0.0	10.7
20	16.0	30.6	23.2	70.1	18.697	16.4	0.0	0.0	0.0	5.9
21	15.4	29.5	23.4	68.2	18.166	15.9	0.0	0.0	0.0	8.2
22	16.5	29.0	23.1	68.5	18.354	16.1	0.0	0.0	0.0	6.8
23	16.5	29.5	23.2	67.7	18.221	15.9	0.0	0.0	0.0	6.9
24	17.3	28.5	22.3	66.7	16.943	14.8	0.0	0.0	0.0	6.9
25	14.8	30.5	22.9	69.6	18.348	16.1	0.0	79.6	79.6	7.4
26	15.7	26.5	20.2	77.8	17.929	15.7	2.1	0.0	2.1	2.2
27	14.9	28.0	22.2	70.2	17.648	15.5	0.0	0.0	0.0	5.6
28	15.4	26.0	20.3	81.1	18.877	16.6	0.0	0.0	0.0	1.3
29	14.7	29.5	22.4	67.2	17.014	14.9	0.0	0.0	0.0	7.3
30	16.8	28.8	21.9	71.5	18.069	15.8	0.0	0.0	0.0	7.2
31	15.8	28.3	21.7	69.3	16.832	14.7	0.0	0.0	0.0	6.3
Prom.	16.0	28.2	21.9	72.8	18.277	16.0	29.8	104.8	134.6	176.5

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.3	27.0	21.9	72.3	18.494	16.1	0.0	0.0	0.0	3.4
2	16.0	27.0	21.9	68.0	16.860	14.8	0.2	0.0	0.2	5.0
3	14.6	26.5	20.9	71.8	16.917	14.9	0.0	0.0	0.0	5.2
4	17.3	25.0	19.5	83.6	19.035	16.7	7.0	13.3	20.3	1.9
5	16.6	26.0	19.8	80.4	18.255	16.0	1.9	0.0	1.9	2.8
6	16.8	25.2	19.8	87.5	19.933	17.4	2.6	0.0	2.6	1.4
7	16.0	27.5	22.1	68.0	16.911	14.7	0.0	0.0	0.0	6.1
8	15.6	28.3	21.4	71.0	17.257	15.2	0.0	0.0	0.0	3.2
9	14.6	26.0	20.6	70.4	16.108	14.1	0.0	0.0	0.0	7.1
10	15.8	28.0	22.7	65.9	17.013	14.9	0.0	0.0	0.0	5.6
11	16.5	28.2	21.0	73.6	17.773	15.5	0.0	8.4	8.4	5.6
12	16.0	23.3	18.9	83.6	18.233	16.0	2.0	0.0	2.0	1.5
13	13.8	29.0	21.1	68.9	15.922	13.9	0.3	7.5	7.8	10.2
14	16.3	26.0	19.8	80.0	18.218	15.9	0.4	0.0	0.4	1.7
15	16.4	24.5	21.0	79.1	19.057	16.7	0.1	0.0	0.1	2.9
16	15.3	28.0	20.2	75.9	17.178	15.0	2.1	3.1	5.2	5.4
17	17.1	28.5	21.2	77.5	19.019	16.6	2.1	0.0	2.1	5.2
18	17.3	28.5	21.4	69.3	16.977	14.8	0.0	11.6	11.6	4.7
19	16.8	27.0	21.4	74.3	18.461	16.2	0.0	0.3	0.3	3.8
20	17.7	28.5	20.6	79.5	19.059	16.7	5.2	0.0	5.2	4.5
21	16.3	27.5	20.5	70.5	16.778	14.6	0.0	0.0	0.0	5.1
22	15.5	28.5	21.8	74.1	18.737	16.5	2.0	0.0	2.0	5.1
23	15.7	29.5	21.7	71.9	17.669	15.5	0.0	16.6	16.6	5.1
24	16.1	28.0	20.9	74.7	17.625	15.3	0.5	0.0	0.5	5.7
25	17.3	27.5	22.0	74.4	18.951	16.5	0.0	8.9	8.9	6.0
26	17.1	27.8	21.0	77.0	18.739	16.4	1.7	34.5	36.2	4.6
27	15.8	24.0	19.9	79.3	18.033	15.8	0.1	0.0	0.1	0.3
28	16.8	26.5	20.9	74.6	17.759	15.5	0.0	0.0	0.0	6.9
29	17.0	26.0	21.2	76.3	18.569	16.3	0.0	0.0	0.0	2.8
30	17.3	27.5	21.7	73.8	18.642	16.3	0.0	0.0	0.0	5.9
31	15.8	30.0	22.6	73.7	19.266	16.8	0.0	0.7	0.7	9.5
Prom.	16.3	27.1	21.0	74.9	17.982	15.7	28.2	104.9	133.1	144.2

Estación **PARAGUAYCITO**
 Altitud **1.250** metros

Municipio **PIJAO**
 Latitud **4-24 N.**

Año **1.971**
 Longitud **75-43 W.**

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.8	26.0	19.8	81.3	18.768	16.4	3.9	0.0	3.9	1.4
2	14.7	26.0	19.9	78.8	17.666	15.5	0.0	0.0	0.0	1.6
3	16.8	26.0	19.7	80.0	18.182	15.9	9.5	3.2	12.7	1.4
4	16.8	26.0	20.0	77.8	17.852	15.7	0.0	10.4	10.4	2.1
5	16.8	27.8	21.3	77.3	18.870	16.4	7.4	0.0	7.4	4.4
6	16.8	27.0	20.0	78.6	18.072	15.8	0.0	0.5	0.5	8.2
7	16.8	26.0	19.4	81.9	18.415	16.2	15.5	32.9	48.4	2.2
8	15.8	25.3	19.6	78.9	17.465	15.2	3.1	0.1	3.2	0.5
9	14.9	27.0	20.5	74.3	17.283	15.2	0.0	0.0	0.0	1.3
10	15.1	27.0	19.2	75.8	16.463	14.4	1.5	0.0	1.5	2.7
11	12.5	29.0	21.7	65.3	15.617	13.5	0.0	0.0	0.0	9.2
12	14.9	30.0	20.5	75.2	17.537	15.4	0.0	9.7	9.7	6.4
13	16.3	26.0	19.9	80.3	18.556	16.3	0.0	0.0	0.0	3.5
14	12.9	28.8	21.3	70.6	16.666	14.5	0.0	0.0	0.0	10.7
15	15.6	27.9	22.0	70.8	18.050	15.9	0.0	8.8	8.8	7.6
16	16.8	27.6	19.8	81.7	18.796	16.5	15.9	1.7	17.6	3.1
17	15.8	26.4	20.8	80.8	19.312	17.0	1.0	0.0	1.0	3.4
18	17.1	26.8	21.3	79.5	19.708	17.2	0.0	0.0	0.0	2.9
19	15.8	26.4	20.4	83.1	19.700	17.2	1.2	0.0	1.2	3.3
20	16.8	28.0	21.3	78.4	19.266	16.9	0.0	1.7	1.7	4.8
21	16.8	26.5	20.1	85.4	20.387	17.8	3.4	0.0	3.4	1.2
22	14.9	28.3	21.7	73.0	17.881	15.7	0.0	0.0	0.0	8.3
23	15.8	30.5	21.5	76.9	19.184	16.8	10.0	0.1	10.1	6.1
24	16.8	28.3	22.1	77.9	19.967	17.5	0.6	0.0	0.6	3.3
25	17.0	28.6	22.1	73.8	18.696	16.4	0.0	0.0	0.0	6.1
26	17.6	27.0	20.6	82.1	19.691	17.2	16.9	0.0	16.9	2.5
27	13.8	28.0	21.1	76.6	18.356	16.2	0.0	0.0	0.0	6.5
28	14.9	27.0	20.9	76.0	18.402	16.2	0.0	1.4	1.4	0.7
29	15.9	28.0	21.6	71.8	17.766	15.6	0.0	1.4	1.4	3.9
30	16.8	27.6	20.2	84.2	19.910	17.4	1.6	44.3	45.9	2.6
Prom.	15.9	27.4	20.7	77.6	18.416	16.1	91.5	116.2	207.7	121.9

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.4	28.0	20.0	77.3	17.526	15.3	7.2	9.1	16.3	1.1
2	15.9	23.4	19.3	88.0	19.610	17.2	3.5	2.0	5.5	0.0
3	17.2	25.3	19.6	81.1	18.395	16.1	0.9	2.6	3.5	2.1
4	16.1	24.0	18.6	89.1	19.083	16.8	0.2	0.0	0.2	0.4
5	16.1	25.0	19.9	86.6	19.992	17.5	2.8	0.2	3.0	1.4
6	16.1	26.0	19.1	88.0	19.647	17.2	1.7	0.0	1.7	3.8
7	15.8	26.0	19.4	84.4	19.195	16.9	1.7	0.0	1.7	2.3
8	13.8	28.8	21.4	73.3	17.477	15.2	0.0	0.0	0.0	7.6
9	16.1	29.0	20.8	75.6	18.149	15.9	5.7	31.6	37.3	7.0
10	17.1	26.3	20.3	83.0	19.712	17.2	2.8	4.8	7.6	1.6
11	16.3	27.0	20.1	82.8	19.715	17.3	12.5	0.0	12.5	3.4
12	15.1	29.9	20.5	77.7	18.319	16.0	26.8	2.5	29.3	6.4
13	16.9	26.4	21.6	75.8	18.886	16.5	0.0	0.0	0.0	2.8
14	17.6	26.7	21.2	78.1	19.205	16.8	0.0	0.0	0.0	2.4
15	16.1	28.8	22.4	70.4	17.901	15.6	0.0	0.6	0.6	8.8
16	16.8	26.4	19.8	80.8	18.469	16.1	2.5	0.6	3.1	0.8
17	16.8	25.6	19.6	82.7	18.554	16.3	0.0	0.0	0.0	1.9
18	15.7	26.4	18.2	89.3	18.883	16.6	27.1	3.0	30.1	1.5
19	13.9	27.0	19.7	79.5	17.667	15.4	12.7	0.0	12.7	2.8
20	14.9	28.0	21.1	77.8	18.786	16.4	0.0	0.0	0.0	6.1
21	16.0	29.3	21.8	74.8	18.692	16.4	0.0	28.8	28.8	8.4
22	16.8	24.0	19.0	89.4	19.945	17.4	25.1	0.2	25.3	0.4
23	14.6	27.9	20.7	76.4	18.021	15.6	0.5	17.7	18.2	5.9
24	15.9	26.3	20.5	75.8	17.780	15.5	0.0	0.0	0.0	0.0
25	15.4	22.0	18.8	87.6	18.908	16.6	1.3	0.0	1.3	0.0
26	12.8	27.9	20.2	75.0	16.756	14.6	0.0	0.0	0.0	10.8
27	14.3	27.9	19.3	75.7	16.463	14.3	34.3	0.7	35.0	5.0
28	15.0	27.9	21.8	77.4	19.717	17.3	2.5	21.1	23.6	5.3
29	17.6	25.6	19.3	90.1	20.065	17.6	32.1	0.0	32.1	1.8
30	16.0	27.3	20.4	82.3	19.355	16.9	0.4	7.8	8.2	4.2
31	17.3	22.0	19.5	86.0	19.469	17.1	4.8	0.7	5.5	0.0
Prom.	15.9	26.5	20.1	81.0	18.721	16.4	209.1	134.0	343.1	106.0

Estación **PARAGUAYCITO**
 Altitud **1.250** metros

Municipio **PIJAO**
 Latitud **4-24 N.**

Año **1.971**
 Longitud **75-43 W.**

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.1	26.0	20.7	81.6	19.598	17.1	1.5	11.8	13.3	0.8
2	15.6	27.0	19.2	81.8	18.110	15.9	14.1	52.3	66.4	2.8
3	15.8	25.0	19.6	82.5	18.528	16.3	0.0	3.0	0.0	0.8
4	14.9	28.8	21.6	66.2	15.975	13.9	0.0	3.9	3.9	9.5
5	16.1	28.9	20.9	79.6	19.371	16.9	0.0	0.0	0.0	6.4
6	16.3	28.2	20.7	81.9	19.739	17.3	2.2	12.1	14.3	5.4
7	17.6	26.3	19.9	83.1	19.511	17.1	36.6	0.0	36.6	1.4
8	14.7	28.5	21.2	75.6	18.323	16.1	0.1	8.8	8.9	5.7
9	16.1	23.3	19.0	86.7	19.057	16.7	20.9	0.0	20.9	0.5
10	15.9	27.0	20.8	78.9	19.015	16.7	0.0	0.0	0.0	4.6
11	14.6	26.3	20.0	75.9	17.059	14.9	0.0	1.1	1.1	4.2
12	14.7	28.0	20.8	74.0	17.398	15.3	0.0	0.0	0.0	9.0
13	16.8	28.0	21.9	71.9	18.271	16.1	0.0	1.4	1.4	8.4
14	16.8	27.4	20.5	81.1	19.648	17.2	10.3	3.2	13.5	4.3
15	14.8	27.0	21.5	74.3	18.175	15.9	0.0	0.9	0.9	6.3
16	17.7	28.0	21.5	79.4	20.049	17.5	3.1	13.3	16.4	5.8
17	16.8	28.0	20.0	77.3	17.639	15.3	4.6	17.6	22.2	2.2
18	14.9	26.5	19.5	80.0	18.140	16.0	10.4	2.1	12.5	5.3
19	14.7	27.0	20.6	71.6	16.518	14.4	0.0	0.8	0.8	5.4
20	15.9	28.0	21.1	73.5	17.662	15.3	0.0	4.0	4.0	6.1
21	15.8	26.0	20.1	76.8	17.777	15.5	0.0	0.0	0.0	2.5
22	16.3	27.5	21.0	74.1	17.850	15.6	0.0	0.0	0.0	7.2
23	15.1	28.5	20.8	73.8	17.423	15.2	0.9	15.1	16.0	6.7
24	16.1	27.5	20.7	77.6	18.330	16.0	0.0	11.9	11.9	4.3
25	16.3	26.0	19.4	81.7	18.252	16.0	4.3	20.0	24.3	1.7
26	16.3	26.1	19.9	82.5	18.813	16.5	0.0	6.0	6.0	4.3
27	16.8	26.0	19.9	79.5	18.020	15.8	0.1	0.3	0.4	5.1
28	16.8	24.4	19.8	88.8	20.798	18.1	0.0	0.0	0.0	0.0
29	15.1	25.3	20.3	80.4	18.739	16.4	0.0	0.0	0.0	2.3
30	15.4	28.0	21.5	73.6	17.953	15.8	0.0	0.2	0.2	6.8
Prom.	15.9	27.0	20.5	78.2	18.393	16.1	109.1	186.8	295.9	139.3

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.1	29.5	21.2	74.3	17.737	15.5	0.0	0.0	0.0	5.4
2	14.3	28.0	20.3	79.7	18.644	16.4	6.2	0.0	6.2	6.4
3	14.7	27.5	19.8	77.1	17.369	15.3	21.7	0.0	21.7	5.6
4	14.4	27.0	20.2	77.4	18.135	15.9	0.2	0.0	0.2	5.5
5	14.9	29.3	21.5	71.3	17.141	15.0	0.0	0.0	0.0	8.9
6	16.0	28.0	20.6	80.9	19.255	16.8	0.8	0.0	0.8	6.4
7	14.6	29.5	21.2	78.7	19.205	16.8	0.0	0.0	0.0	6.9
8	15.6	27.0	21.4	74.4	18.696	16.4	0.0	0.0	0.0	6.3
9	15.0	29.4	20.6	77.1	18.122	15.9	3.2	3.3	6.5	6.3
10	15.2	29.9	20.7	74.4	17.385	15.2	1.5	0.0	1.5	5.5
11	14.6	28.4	22.0	74.5	18.962	16.6	0.0	0.0	0.0	9.8
12	15.4	30.0	22.0	73.5	18.290	16.0	0.0	0.0	0.0	4.2
13	16.8	27.0	21.0	86.6	21.455	18.6	0.0	0.0	0.0	2.2
14	15.3	29.0	22.5	73.7	19.513	17.1	0.0	0.0	0.0	7.9
15	15.6	31.0	21.5	76.3	18.740	16.4	0.5	0.0	0.5	6.8
16	14.9	28.2	21.0	85.6	20.908	18.1	0.9	0.0	0.9	5.4
17	16.8	26.0	19.2	97.8	22.415	19.2	35.8	0.4	36.2	1.9
18	15.1	28.2	21.2	84.9	20.921	18.2	0.0	0.0	0.0	2.7
19	15.8	28.9	19.8	79.1	17.922	15.8	0.0	0.0	0.0	7.3
20	14.8	26.0	20.8	85.1	20.600	18.0	0.0	0.0	0.0	2.8
21	16.8	26.0	19.5	91.5	21.345	18.5	39.5	0.0	39.5	1.4
22	14.9	27.2	20.1	85.1	19.801	17.3	0.7	3.5	4.2	4.9
23	15.8	22.0	19.0	92.0	20.276	17.7	3.5	3.7	7.2	0.2
24	16.4	29.0	21.9	82.8	21.543	18.7	0.0	8.6	8.6	7.6
25	15.6	25.0	19.9	84.4	19.119	16.8	2.4	10.2	12.6	1.9
26	16.6	28.0	22.0	83.7	21.587	18.6	0.5	33.2	33.7	6.3
27	17.1	24.0	19.9	85.1	19.414	16.8	1.8	0.4	2.2	0.5
28	16.0	27.0	20.7	85.7	20.994	18.3	6.4	0.0	6.4	2.6
29	16.4	26.2	20.1	86.2	20.104	17.5	1.1	0.4	1.5	3.4
30	17.2	27.4	20.8	87.5	21.365	18.6	0.0	0.0	0.0	4.1
31	16.8	27.0	21.0	83.4	20.407	17.8	0.0	0.0	0.0	2.8
Prom.	15.6	27.7	20.8	81.6	19.593	17.1	126.7	79.7	206.4	147.1

Estación PARAGUAYCITO

Municipio PIJAO

Año 1.971

Altitud 1.250 Metros

Latitud 4-24 N.

Longitud 75-43 W.

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	16.2	27.3	20.6	13.8	29.6	81.7	19.340	16.9	357.5	21	158.2
FEBRERO	16.3	27.1	20.7	14.0	29.9	79.8	18.891	16.5	217.8	22	127.2
MARZO	16.8	27.3	20.7	14.8	29.9	80.1	19.124	16.7	486.0	28	94.4
ABRIL	16.3	27.9	21.1	13.5	30.0	76.5	18.530	16.2	183.2	19	132.2
MAYO	16.5	27.1	20.9	13.5	30.0	78.2	18.835	16.5	409.4	25	124.3
JUNIO	16.5	27.3	21.3	14.7	29.9	75.5	18.491	16.1	89.4	19	137.1
JULIO	16.0	28.2	21.9	13.0	31.0	72.8	18.277	16.0	134.6	10	176.5
AGOSTO	16.3	27.1	21.0	13.8	30.0	74.9	17.982	15.7	133.1	21	144.2
SEPTIEMBRE	15.9	27.4	20.7	12.5	30.5	77.6	18.416	16.1	207.7	21	121.9
OCTUBRE	15.9	26.5	20.1	12.8	29.9	81.0	18.721	16.4	343.1	24	106.0
NOVIEMBRE	15.9	27.0	20.5	14.6	28.9	78.2	18.393	16.1	295.9	22	139.3
DICIEMBRE	15.6	27.7	20.8	14.3	31.0	81.6	19.593	17.1	206.4	19	147.1
PROMEDIO	16.2	27.3	20.9	13.8	30.1	78.2	18.716	16.4			
TOTAL									3064.1	251	1608.4

Estación EL SENA

Municipio ARMENIA

Año 1.971

Altitud 1.550 metros

Latitud 4-33 N.

Longitud 75-40 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.0	24.0	17.7	73.9	14.634	12.6	0.0	0.0	0.0	7.6
2	14.5	23.0	16.9	79.2	15.291	13.3	6.0	0.0	6.0	5.4
3	11.6	24.5	18.9	77.8	16.476	14.2	20.0	3.0	23.0	4.0
4	14.1	19.4	15.9	88.6	16.226	14.2	3.0	0.0	3.0	0.0
5	13.5	21.4	17.0	91.0	17.726	15.6	4.2	9.3	13.5	0.0
6	13.6	20.5	15.6	89.5	15.844	13.9	4.2	13.3	17.5	0.0
7	14.0	20.0	15.2	94.5	16.314	14.3	56.3	4.8	61.1	0.6
8	13.5	24.0	17.4	86.0	16.946	14.9	8.8	5.9	14.7	1.5
9	14.1	25.0	17.6	86.4	18.084	15.9	8.5	0.0	8.5	2.5
10	14.0	24.0	18.1	83.6	17.781	15.6	9.9	0.0	9.9	3.3
11	13.5	24.5	18.6	83.2	17.957	15.8	0.2	0.0	0.2	3.7
12	12.6	24.0	18.1	79.3	16.429	14.2	0.8	18.7	19.5	5.3
13	13.9	22.6	16.9	83.5	16.254	14.3	10.7	0.0	10.7	2.3
14	12.5	23.0	17.7	81.7	16.677	14.6	0.0	0.0	0.0	3.3
15	12.6	23.0	18.5	80.8	17.136	15.0	2.1	0.0	2.1	2.0
16	15.1	23.5	17.9	83.5	17.459	15.3	13.5	0.0	13.5	2.5
17	10.6	24.0	17.6	77.6	15.411	13.3	0.0	1.7	1.7	6.9
18	14.1	24.4	18.1	80.0	16.265	14.3	2.5	48.2	50.7	3.7
19	13.6	24.0	16.5	86.4	16.526	14.5	13.4	0.1	13.5	2.3
20	14.0	23.5	18.2	79.2	16.136	14.2	0.2	2.1	2.3	3.1
21	16.0	24.6	19.1	85.0	18.672	16.4	0.0	0.0	0.0	1.1
22	15.7	25.0	19.5	78.5	17.554	15.4	0.0	0.0	0.0	4.6
23	13.5	24.9	18.3	74.8	15.753	13.7	0.0	0.0	0.0	6.4
24	13.1	25.4	18.0	76.1	15.722	13.6	0.8	0.0	0.8	5.7
25	14.0	23.5	18.9	81.2	17.710	15.6	1.4	0.0	1.4	2.6
26	14.3	21.9	18.0	86.2	17.995	15.8	3.5	0.0	3.5	2.0
27	13.6	23.9	17.9	83.3	17.052	15.0	0.0	0.0	0.0	4.1
28	13.1	23.9	17.4	79.4	15.920	13.9	41.2	1.1	42.3	5.2
29	13.0	24.2	17.7	82.6	16.470	14.4	0.1	0.4	0.5	3.5
30	14.0	24.0	19.4	78.6	17.267	15.2	0.0	0.0	0.0	7.6
31	14.1	24.0	18.0	76.9	15.937	13.9	0.0	0.0	0.0	4.1
Prom.	13.6	23.5	17.8	82.2	16.698	14.6	211.3	108.6	319.9	107.4

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.1	20.0	16.8	86.2	16.352	14.3	2.2	0.0	2.2	1.2
2	14.5	22.1	18.3	74.2	15.911	13.6	3.3	0.0	3.3	1.7
3	13.1	23.9	18.8	86.8	18.688	16.4	2.9	37.3	40.2	0.1
4	15.5	24.3	18.7	84.9	18.234	16.1	20.1	30.1	50.2	1.6
5	14.0	23.5	17.2	80.1	15.845	13.9	1.0	0.0	1.0	3.4
6	14.0	23.5	18.6	75.5	16.108	14.1	0.6	0.0	0.6	4.0
7	14.1	20.5	15.9	90.0	16.877	14.8	4.5	0.0	4.5	0.0
8	12.6	23.5	18.1	89.7	18.997	16.5	2.3	1.8	4.1	3.1
9	15.1	24.9	19.7	79.7	17.755	15.6	0.5	11.3	11.8	5.3
10	14.0	21.5	17.3	88.1	17.158	15.1	3.9	0.0	3.9	3.5
11	13.0	23.9	18.3	77.3	16.078	14.0	0.0	12.4	12.4	4.7
12	15.5	23.9	17.9	87.9	18.008	15.8	34.0	0.0	34.0	3.4
13	15.5	23.0	17.7	87.9	18.090	15.9	5.5	0.3	5.8	2.7
14	14.1	23.0	18.1	77.9	15.886	13.9	0.0	0.0	0.0	1.9
15	15.5	22.5	17.7	82.4	17.119	15.0	0.2	0.0	0.2	3.5
16	13.0	23.9	18.2	75.0	15.631	13.6	0.0	1.2	1.2	3.1
17	14.6	23.0	19.1	81.1	17.576	15.4	0.0	29.8	29.8	1.6
18	15.0	20.4	16.1	97.5	17.958	15.8	46.1	0.6	46.7	0.0
19	15.4	23.0	17.8	85.5	17.323	15.2	5.2	0.0	5.2	1.6
20	13.0	23.9	17.9	85.1	16.463	14.4	33.2	7.3	40.5	2.8
21	14.5	21.0	17.0	88.6	17.050	15.0	0.2	0.0	0.2	0.0
22	15.0	19.0	16.6	93.0	17.605	15.5	9.5	0.0	9.5	0.1
23	13.5	24.1	18.4	76.3	15.888	13.9	0.0	0.0	0.0	2.6
24	14.4	23.1	17.6	74.2	15.111	13.1	0.0	0.0	0.0	8.6
25	12.1	25.5	20.5	71.1	17.039	15.0	0.0	0.0	0.0	3.5
26	15.0	25.5	18.9	80.2	17.503	15.3	0.0	0.0	0.0	1.9
27	14.0	22.9	17.7	79.8	16.030	14.0	1.3	11.0	12.3	2.0
28	14.0	25.6	18.0	77.5	16.152	14.2	10.8	0.0	10.8	5.3
Prom.	14.2	23.0	17.9	82.6	16.944	14.8	187.3	143.1	330.4	73.2

Estación EL SENA

Municipio ARMENIA

Año 1.971

Altitud 1.550 metros

Latitud 4-33 N.

Longitud 75-40 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.4	25.6	16.2	87.4	16.261	14.2	30.1	0.0	30.1	1.4
2	13.0	25.0	18.0	76.1	15.639	13.6	1.2	10.6	11.8	4.2
3	14.0	24.9	18.2	80.5	16.659	14.6	0.0	4.1	4.1	4.0
4	14.5	23.0	18.2	84.2	17.273	15.2	0.0	0.0	0.0	2.7
5	14.5	24.9	19.3	80.5	17.725	15.5	0.4	14.2	14.6	4.1
6	14.0	24.5	18.4	75.3	16.101	14.1	3.1	0.3	3.4	3.7
7	16.0	23.5	18.1	88.7	18.524	16.3	16.3	0.4	16.7	0.5
8	14.0	22.4	17.1	86.3	16.906	14.9	23.3	0.0	23.3	1.7
9	14.5	25.0	18.6	77.4	16.580	14.6	0.0	0.0	0.0	2.4
10	13.0	25.3	18.2	72.9	15.233	13.2	4.2	0.0	4.2	4.1
11	15.5	21.0	16.6	87.0	16.616	14.6	4.2	1.4	5.6	0.6
12	15.5	20.0	18.1	88.1	18.201	16.0	10.2	0.0	10.2	0.6
13	13.5	23.0	18.3	73.8	15.419	13.3	0.0	0.0	0.0	3.7
14	13.5	24.0	18.8	84.6	18.371	16.2	18.7	1.0	19.7	2.4
15	14.6	22.0	17.8	86.0	17.569	15.5	7.5	0.0	7.5	1.2
16	15.0	20.3	16.8	89.3	17.216	15.2	16.6	0.0	16.6	0.4
17	13.5	23.0	17.4	80.0	15.869	13.8	0.0	8.4	8.4	1.3
18	14.6	22.0	17.5	82.3	16.484	14.4	0.0	4.2	4.2	0.9
19	14.7	22.6	18.5	84.9	18.022	15.9	0.0	9.1	9.1	2.5
20	14.7	21.0	16.7	86.5	16.612	14.6	0.0	15.9	15.9	0.5
21	14.5	23.3	17.9	81.7	16.695	14.7	0.0	1.6	1.6	3.5
22	14.4	21.2	17.2	80.6	16.057	14.1	0.0	26.3	26.3	1.0
23	14.5	25.0	17.9	80.1	16.368	14.4	0.0	32.2	32.2	4.1
24	14.5	24.0	18.6	83.2	17.587	15.5	0.0	67.3	67.3	2.8
25	14.9	24.8	18.7	81.9	17.561	15.4	0.0	3.6	3.6	3.5
26	15.0	24.0	18.5	80.3	17.020	15.0	0.0	26.4	26.4	1.3
27	15.0	24.0	18.8	81.2	17.636	15.5	0.0	2.9	2.9	1.8
28	15.4	22.6	17.4	86.7	17.491	15.4	0.0	53.9	53.9	1.4
29	14.9	22.1	17.7	84.9	17.242	15.2	0.0	2.2	2.2	1.7
30	14.5	23.0	18.0	77.5	16.010	13.9	0.0	75.3	75.3	0.6
31	14.0	22.0	17.2	79.9	15.509	13.4	0.0	5.1	5.1	1.4
Prom.	14.4	23.2	17.9	82.3	16.853	14.8	135.8	366.4	502.2	66.0

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.9	22.3	16.9	80.9	15.626	13.7	3.4	0.0	3.4	0.5
2	16.0	25.0	18.0	79.2	16.705	14.6	2.1	31.7	33.8	5.2
3	14.8	22.0	15.1	97.4	16.677	14.7	13.9	0.0	13.9	0.2
4	16.0	25.0	18.7	78.2	16.911	14.8	0.0	0.0	0.0	10.4
5	16.1	24.1	18.2	82.0	17.466	15.3	0.8	0.0	0.8	4.6
6	13.5	25.0	18.9	81.7	17.531	15.4	0.0	1.4	1.4	7.1
7	13.0	25.0	18.7	85.4	18.987	16.7	0.0	0.0	0.0	3.7
8	15.0	24.4	18.4	83.9	17.559	15.4	0.0	0.0	0.0	3.5
9	13.5	25.0	17.5	85.2	16.865	14.8	14.4	0.0	14.4	3.7
10	13.5	25.0	18.3	86.9	18.074	15.9	15.1	0.0	15.1	2.6
11	13.5	24.0	18.4	77.1	16.410	14.4	15.9	0.0	15.9	1.8
12	13.5	24.6	17.7	79.3	15.915	13.8	8.6	0.0	8.6	4.9
13	13.5	25.0	18.3	85.9	17.850	15.6	0.0	0.0	0.0	3.2
14	14.5	25.6	18.6	85.9	18.646	16.4	0.4	2.9	3.3	1.2
15	14.5	25.8	18.0	83.3	17.239	15.2	10.1	0.0	10.1	4.1
16	14.4	22.0	16.9	91.9	17.722	15.6	13.5	17.8	31.3	4.2
17	14.6	24.5	19.4	86.9	19.454	17.0	0.5	59.0	59.5	1.8
18	15.0	20.0	15.9	92.4	16.585	14.6	26.3	1.0	27.3	0.4
19	14.8	23.4	18.3	87.4	18.211	16.0	0.0	0.0	0.0	0.8
20	13.5	24.2	17.2	85.2	16.671	14.6	0.0	43.5	43.5	2.5
21	14.5	24.0	18.2	83.9	17.396	15.3	0.8	0.0	0.8	1.3
22	14.0	24.0	18.5	79.9	17.185	15.1	15.7	4.3	20.0	2.2
23	14.5	23.0	17.6	89.5	18.079	15.9	2.3	2.4	4.7	0.7
24	15.5	24.0	18.1	84.3	17.333	15.2	0.0	0.0	0.0	3.7
25	13.0	25.8	18.5	76.9	16.280	14.3	0.0	0.0	0.0	7.0
26	13.0	26.0	19.0	84.8	18.169	15.9	0.0	0.0	0.0	7.5
27	13.5	25.1	18.4	82.2	17.471	15.4	11.5	1.3	12.8	4.0
28	13.8	25.1	17.9	84.7	17.568	15.5	34.2	0.0	34.2	2.1
29	14.0	25.0	19.0	86.2	18.740	16.5	1.4	0.0	1.4	5.2
30	13.9	23.0	17.4	81.9	16.231	14.2	0.0	0.0	0.0	3.9
Prom.	14.3	24.2	18.0	84.3	17.385	15.3	190.9	165.3	356.2	104.0

Estación EL SENA

Municipio ARMENIA

Año 1.971

Altitud 1.550 metros

Latitud 4-33 N.

Longitud 75-40 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.4	25.6	14.7	89.6	15.272	13.2	19.5	0.0	19.5	1.9
2	13.0	24.0	18.7	84.3	18.336	16.1	13.4	0.0	13.4	3.0
3	15.0	23.0	18.9	80.8	17.573	15.5	1.1	91.1	92.2	3.2
4	15.5	25.0	19.2	79.3	17.488	15.4	0.8	1.2	2.0	2.0
5	15.5	23.0	18.7	77.5	16.624	14.6	0.2	4.2	4.4	5.3
6	15.0	24.0	20.3	84.4	19.604	17.2	0.0	0.0	0.0	0.9
7	16.0	18.0	16.8	71.3	13.794	11.7	0.0	35.8	35.8	6.4
8	13.5	24.0	18.4	78.1	16.230	14.2	2.1	0.0	2.1	5.1
9	15.6	20.0	17.5	83.0	16.381	14.3	0.0	0.0	0.0	6.6
10	15.0	23.3	18.5	80.8	17.389	15.2	0.0	0.6	0.6	2.6
11	14.9	25.0	18.1	83.2	17.531	15.4	0.0	0.0	0.0	1.8
12	15.9	23.0	18.5	77.0	16.449	14.4	0.0	0.0	0.0	2.1
13	14.5	24.0	18.9	74.5	16.106	14.0	0.0	0.8	0.8	4.1
14	15.0	23.6	18.4	97.4	20.794	18.0	12.9	0.0	12.9	0.0
15	13.5	22.4	17.9	82.3	16.685	14.5	21.5	0.2	21.7	4.2
16	13.8	22.0	17.7	88.7	18.081	15.9	0.0	0.0	0.0	1.3
17	14.3	24.9	18.3	83.1	17.597	15.5	41.5	0.2	41.7	4.3
18	14.8	21.5	18.2	81.4	16.800	14.6	27.2	33.9	61.1	7.1
19	15.1	24.9	19.9	82.3	18.825	16.3	0.0	0.0	0.0	0.0
20	15.0	24.9	19.2	76.2	16.887	14.8	0.5	2.3	2.8	2.4
21	17.0	22.0	19.5	86.3	19.687	17.2	1.5	0.0	1.5	4.3
22	16.0	24.5	19.3	86.5	19.879	17.2	1.9	30.6	32.5	4.3
23	16.0	21.0	18.2	80.5	16.782	14.7	0.0	0.0	0.0	1.0
24	13.9	24.0	19.5	78.5	17.861	15.7	27.2	0.6	27.8	5.0
25	14.9	21.5	18.1	83.9	17.323	15.2	0.8	20.5	21.3	1.2
26	15.5	24.5	19.8	82.3	18.632	16.4	0.0	0.0	0.0	6.7
27	15.0	24.9	19.3	73.4	16.388	14.4	0.0	3.7	3.7	1.9
28	17.2	24.0	20.0	83.8	19.474	17.1	0.0	0.0	0.0	5.3
29	16.0	24.5	18.9	83.6	18.306	16.1	0.1	7.3	7.4	4.7
30	16.0	21.2	18.5	86.7	18.341	16.1	1.0	0.0	1.0	2.6
31	12.9	24.0	19.2	80.9	17.605	15.3	0.4	0.0	0.4	6.4
Prom.	15.0	23.3	18.6	82.0	17.572	15.4	173.6	233.0	406.6	107.7

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	23.6	18.5	83.4	17.953	15.8	1.0	0.2	1.2	3.5
2	16.0	22.0	19.0	86.6	18.827	16.5	0.0	0.0	0.0	2.4
3	13.9	24.9	20.2	84.7	19.751	17.2	0.7	7.3	8.0	5.3
4	14.9	24.1	19.7	85.3	19.273	16.9	0.1	0.0	0.1	5.1
5	15.5	24.0	18.3	85.5	18.057	15.9	0.5	11.5	12.0	0.0
6	14.4	21.4	17.5	86.7	17.319	15.3	1.3	0.0	1.3	3.4
7	14.1	22.5	18.4	89.7	19.067	16.8	27.9	0.0	27.9	0.9
8	14.1	23.6	17.8	75.1	15.553	13.5	0.0	0.0	0.0	3.7
9	14.6	24.9	18.1	76.7	15.941	13.9	0.0	0.0	0.0	5.6
10	14.8	23.3	18.2	76.4	16.125	13.9	10.6	0.0	10.6	1.9
11	14.1	26.0	19.1	76.8	16.894	14.3	0.0	15.4	15.4	6.3
12	15.0	21.0	16.5	98.1	18.931	16.6	19.1	0.0	19.1	0.0
13	14.9	23.0	18.6	84.2	17.879	15.7	0.3	0.0	0.3	2.8
14	13.8	23.5	18.5	81.9	17.133	15.1	1.1	1.1	2.2	5.2
15	15.5	25.0	19.4	78.9	17.847	15.7	1.2	0.1	1.3	6.1
16	15.0	25.4	19.6	73.0	16.829	14.8	0.1	0.0	0.1	6.7
17	15.6	26.0	20.0	78.2	17.881	15.7	0.0	0.2	0.2	5.3
18	16.0	22.0	17.6	89.9	17.959	15.7	4.3	0.0	4.3	0.9
19	15.0	23.0	19.0	82.0	17.739	15.5	0.0	0.0	0.0	5.2
20	14.9	25.8	20.0	67.8	15.458	13.4	0.0	0.0	0.0	0.0
21	15.6	24.0	17.5	85.7	17.374	15.3	4.4	1.0	5.4	3.2
22	14.9	22.4	17.9	83.9	16.989	14.9	2.1	0.6	2.7	2.4
23	14.6	26.5	19.5	72.9	16.361	14.3	0.2	0.0	0.2	8.0
24	15.4	25.4	19.5	79.7	17.937	15.8	0.0	0.0	0.0	5.4
25	15.1	25.4	19.4	79.5	17.739	15.6	0.0	0.0	0.0	5.9
26	16.6	22.0	18.0	83.7	17.228	15.1	0.0	0.0	0.0	1.1
27	15.9	22.8	18.5	87.4	18.508	16.2	13.5	0.6	14.1	3.3
28	15.1	24.0	18.4	81.6	17.177	15.1	2.8	0.0	2.8	2.1
29	14.9	24.5	19.5	75.4	16.879	14.8	35.7	3.0	38.7	4.7
30	16.5	24.0	20.0	78.4	17.968	15.8	0.0	0.0	0.0	5.9
Prom.	15.1	23.9	18.7	81.6	17.553	15.4	126.9	41.0	167.9	112.3

Estación EL SENA

Municipio ARMENIA

Año 1.971

Altitud 1.550 metros

Latitud 4-33 N.

Longitud 75-40 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.6	24.5	18.9	84.4	18.240	16.1	2.4	0.0	2.4	5.2
2	14.4	23.0	17.7	84.1	17.265	15.1	3.6	6.8	10.4	2.5
3	15.8	23.0	19.3	82.4	17.903	15.7	14.9	1.3	16.2	3.3
4	15.5	22.0	17.3	87.3	17.335	15.2	5.6	0.0	5.6	0.8
5	14.5	23.5	18.4	82.5	17.492	15.4	7.1	0.0	7.1	4.7
6	14.0	24.4	19.1	77.9	17.384	15.2	0.0	0.0	0.0	6.0
7	14.5	23.0	19.0	84.9	18.650	16.4	0.9	0.1	1.0	1.7
8	13.3	26.0	19.8	72.0	16.369	14.3	0.0	0.0	0.0	8.4
9	14.9	26.0	21.0	72.6	17.621	15.5	0.0	0.0	0.0	5.5
10	14.5	26.0	20.8	65.6	15.039	12.9	0.0	0.0	0.0	4.7
11	13.5	23.0	18.0	75.2	15.655	13.6	0.0	0.0	0.0	4.0
12	15.1	24.0	19.2	78.5	17.250	15.1	6.1	0.0	6.1	3.1
13	16.0	24.1	19.4	77.5	17.420	15.3	0.0	8.2	8.2	4.6
14	15.5	23.0	18.0	80.6	16.631	14.6	1.0	0.0	1.0	1.8
15	13.5	26.5	19.4	68.2	14.728	12.6	0.0	0.0	0.0	9.4
16	13.0	25.4	19.3	65.9	14.367	12.3	0.0	0.0	0.0	10.8
17	13.8	23.5	18.4	76.2	16.081	14.1	0.5	0.0	0.5	4.3
18	13.5	25.3	18.5	69.9	15.257	13.1	0.0	0.0	0.0	7.7
19	13.4	26.9	20.1	75.3	17.778	15.5	0.0	0.0	0.0	10.2
20	13.5	26.1	19.8	81.1	18.682	16.4	0.0	0.0	0.0	8.5
21	13.9	26.1	20.1	70.5	16.325	14.3	0.0	0.0	0.0	5.9
22	15.1	25.0	19.9	64.7	14.841	12.6	0.7	0.3	1.0	5.4
23	15.5	26.5	20.6	66.8	15.838	13.5	0.0	0.6	0.6	6.6
24	15.5	26.0	19.6	71.6	15.998	13.9	0.0	0.0	0.0	7.0
25	13.5	24.0	19.2	74.8	16.574	14.5	4.1	47.3	51.4	5.4
26	14.0	23.0	17.6	84.4	16.969	14.9	1.0	0.0	1.0	4.3
27	14.8	24.4	19.0	74.7	16.292	14.3	0.0	0.0	0.0	5.3
28	13.5	23.0	18.2	75.2	15.722	13.6	0.0	0.0	0.0	1.2
29	13.5	25.0	18.9	68.9	14.906	12.9	0.0	0.0	0.0	7.0
30	16.0	24.5	19.6	75.6	17.213	15.2	0.0	0.0	0.0	4.8
31	14.6	25.1	19.6	74.9	16.447	14.4	0.0	0.0	0.0	6.7
Prom.	14.4	24.6	19.2	75.6	16.589	14.5	47.9	64.6	112.5	166.8

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.3	26.0	20.1	69.1	15.770	13.7	0.0	0.0	0.0	5.3
2	14.1	23.1	18.6	72.4	15.480	13.5	0.0	0.0	0.0	4.1
3	13.8	24.1	18.4	77.6	16.113	14.1	0.0	0.4	0.4	4.6
4	14.5	20.0	16.4	94.3	18.107	15.9	27.4	29.4	56.8	1.8
5	14.0	21.5	17.5	82.8	16.319	14.3	0.6	0.0	0.6	4.0
6	13.1	22.0	17.5	82.9	16.333	14.3	0.0	0.0	0.0	4.6
7	14.6	24.0	18.7	77.7	16.545	14.5	1.1	0.0	1.1	1.1
8	14.6	23.5	18.5	74.4	15.563	13.5	0.1	0.0	0.1	3.3
9	13.0	24.5	19.2	69.2	15.202	13.2	0.0	1.1	1.1	7.2
10	15.0	25.0	19.2	78.3	17.113	15.0	2.5	0.0	2.5	6.2
11	15.0	23.0	18.9	80.2	17.041	15.0	2.7	3.2	5.9	4.4
12	14.4	19.3	15.5	89.0	15.798	13.8	4.2	0.0	4.2	1.4
13	12.5	24.0	18.1	79.4	16.323	14.3	0.2	0.0	0.2	6.9
14	13.5	21.0	17.0	84.3	16.197	14.2	0.0	0.0	0.0	0.4
15	14.1	20.0	17.0	93.9	18.468	16.2	15.8	0.0	15.8	3.5
16	13.0	23.0	18.4	80.8	16.765	14.7	0.0	7.6	7.6	5.0
17	15.0	23.3	17.7	81.3	16.349	14.4	7.8	0.7	8.5	3.7
18	14.5	24.0	18.1	84.8	17.564	15.4	9.6	9.8	19.4	4.4
19	15.6	22.4	18.8	87.3	18.655	16.4	0.5	0.4	0.9	2.7
20	15.5	23.0	18.1	85.9	17.977	15.8	6.1	0.9	7.0	3.4
21	15.0	22.3	18.4	82.2	17.339	15.2	0.8	1.9	2.7	4.6
22	15.6	23.0	18.7	82.0	17.823	15.6	2.0	0.0	2.0	3.9
23	13.5	24.0	18.6	68.7	14.559	12.5	0.0	7.0	7.0	4.2
24	14.0	23.1	17.9	78.9	15.940	13.9	2.3	0.0	2.3	4.9
25	14.5	23.5	18.1	80.0	16.716	14.7	12.4	8.8	21.2	3.4
26	15.0	22.5	18.2	87.2	18.070	15.9	1.9	50.6	52.5	3.2
27	14.0	21.0	16.5	90.2	17.009	14.9	1.2	0.2	1.4	1.0
28	13.5	23.5	19.1	74.6	16.339	14.4	0.0	0.0	0.0	6.9
29	14.8	23.3	18.6	79.5	17.072	15.0	0.0	0.0	0.0	3.1
30	14.0	23.5	19.7	82.1	18.645	16.4	0.0	0.0	0.0	4.8
31	14.5	25.8	20.3	75.3	17.372	15.3	0.0	0.0	0.0	8.0
Prom.	14.3	23.0	18.3	80.8	16.792	14.7	99.2	122.0	221.2	126.0

Estación EL SENA
Altitud 1.550 metros

Municipio ARMENIA
Latitud 4-33 N.

Año 1.971
Longitud 75-40 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.5	21.0	17.2	88.8	17.955	15.8	9.2	0.0	9.2	0.2
2	13.1	23.3	18.1	81.5	16.695	14.7	0.1	0.0	0.1	2.7
3	15.5	22.2	17.6	85.2	17.130	15.0	16.9	0.2	17.1	2.2
4	15.0	22.0	17.4	87.3	17.218	15.2	1.9	5.5	7.4	1.5
5	14.8	23.5	18.6	72.0	15.304	13.3	0.0	0.0	0.0	2.5
6	14.5	25.5	17.7	83.6	17.271	15.0	6.5	0.0	6.5	5.1
7	15.5	23.0	18.2	86.3	18.058	15.9	29.2	0.9	30.1	2.5
8	14.5	23.0	17.4	83.0	16.387	14.4	0.2	0.3	0.5	2.1
9	15.0	22.0	17.7	82.4	16.360	14.4	0.0	0.0	0.0	1.5
10	14.8	24.5	18.0	70.7	14.541	12.5	0.0	0.0	0.0	4.0
11	13.5	25.5	19.0	75.2	16.252	14.1	0.6	0.0	0.6	6.7
12	14.9	26.0	19.4	79.1	17.708	15.5	2.1	5.3	7.4	3.9
13	16.8	22.0	18.6	83.3	17.790	15.6	0.0	0.0	0.0	2.5
14	13.5	24.0	19.0	70.7	15.299	13.2	0.0	0.3	0.3	6.7
15	14.8	23.0	17.1	88.4	16.912	14.9	16.4	0.1	16.5	6.1
16	14.8	22.0	16.9	89.6	17.257	15.2	26.1	0.3	26.4	2.9
17	13.5	23.1	18.2	82.9	17.080	15.0	0.0	0.0	0.0	2.7
18	14.1	21.0	17.8	81.9	16.338	14.3	0.0	0.0	0.0	1.7
19	14.6	22.0	17.8	80.3	16.504	14.5	0.0	0.0	0.0	2.5
20	14.8	22.4	17.2	91.6	18.070	15.9	16.9	0.0	16.9	2.7
21	14.8	23.0	18.1	84.0	17.499	15.4	5.1	0.0	5.1	1.6
22	12.8	25.1	18.3	75.6	15.653	13.6	0.0	0.0	0.0	5.4
23	14.6	25.5	19.7	75.8	17.295	15.2	6.6	0.0	6.6	3.2
24	15.0	24.1	19.0	81.0	17.602	15.5	0.8	0.0	0.8	4.7
25	14.7	23.1	18.2	69.0	14.463	12.4	10.5	0.0	10.5	5.1
26	14.9	22.0	17.4	85.6	17.153	15.1	0.7	0.0	0.7	2.6
27	13.5	24.0	18.8	69.9	14.976	12.9	2.8	0.0	2.8	6.0
28	13.5	23.3	18.9	72.8	15.806	13.8	0.0	2.2	2.2	1.4
29	14.5	24.5	17.8	85.0	17.466	15.4	58.2	0.4	58.6	3.2
30	15.6	23.3	18.5	86.7	18.180	16.0	4.7	0.0	4.7	2.8
Prom.	14.5	23.3	18.1	81.0	16.741	14.7	215.5	15.5	231.0	98.7

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.1	23.0	17.8	89.2	18.222	16.0	1.7	3.7	5.4	1.7
2	14.8	20.0	17.6	88.6	17.638	15.5	19.0	15.3	34.3	0.7
3	14.6	22.0	17.1	87.3	17.086	15.0	5.0	3.0	8.0	0.1
4	14.5	21.0	16.8	89.5	17.736	15.5	3.3	0.0	3.3	0.0
5	14.5	22.0	18.1	79.5	16.484	14.4	1.8	0.6	2.4	1.8
6	14.5	22.2	18.2	86.4	17.972	15.8	2.1	0.6	2.7	1.7
7	14.8	22.2	16.8	82.2	15.956	14.0	4.8	0.0	4.8	0.0
8	12.5	25.0	18.4	75.6	15.710	13.7	0.0	0.0	0.0	6.6
9	14.8	26.1	18.1	75.5	15.836	13.8	44.9	2.6	47.5	5.2
10	15.6	21.0	18.3	93.1	19.854	17.4	1.2	5.9	7.1	0.9
11	15.6	23.1	18.3	81.9	17.377	15.3	7.1	0.0	7.1	2.1
12	14.1	23.6	18.4	78.0	16.501	14.4	0.7	0.5	1.2	4.0
13	14.1	23.3	18.6	76.2	16.107	14.1	0.0	0.0	0.0	2.9
14	15.0	22.0	18.4	80.2	16.914	14.9	0.0	0.0	0.0	1.2
15	14.8	25.0	18.8	68.3	14.819	12.8	0.0	0.0	0.0	6.9
16	15.0	23.5	17.7	84.9	17.228	15.2	1.4	1.8	3.2	2.0
17	13.9	22.0	16.9	83.3	16.023	14.0	3.0	0.0	3.0	2.9
18	14.4	23.1	16.9	84.8	16.600	14.6	24.5	1.9	26.4	2.6
19	13.5	22.5	17.6	82.8	16.755	14.7	0.0	0.7	0.7	2.3
20	13.5	24.1	18.0	76.6	15.784	13.8	0.0	0.0	0.0	4.7
21	14.1	25.0	19.5	79.5	17.483	15.3	2.4	51.8	54.2	4.3
22	14.8	20.5	16.6	95.0	18.236	16.0	20.6	0.0	20.6	0.6
23	12.0	23.1	17.6	84.0	17.345	15.0	2.1	0.9	3.0	2.9
24	14.6	21.3	16.6	88.0	16.752	14.7	5.2	0.3	5.5	1.1
25	13.4	21.2	16.2	92.7	17.289	15.2	11.7	0.0	11.7	0.9
26	10.5	24.0	16.6	77.1	14.475	12.5	0.0	0.0	0.0	5.7
27	12.4	23.1	17.4	74.7	15.073	13.1	4.1	0.0	4.1	3.4
28	12.5	23.3	18.3	81.8	17.209	15.1	2.7	25.5	28.2	4.6
29	15.0	23.0	17.1	87.8	17.351	15.2	13.2	0.0	13.2	2.1
30	13.0	22.0	16.7	83.2	15.797	13.8	9.1	18.8	27.9	2.6
31	13.5	18.6	16.4	96.4	17.981	15.8	6.0	0.0	6.0	0.0
Prom.	14.0	22.6	17.6	83.4	16.826	14.7	197.7	133.9	331.6	78.5

Estación EL SENA

Municipio ARMENIA

Año 1.971

Altitud 1.550 metros

Latitud 4-33 N.

Longitud 75-40 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.5	24.0	17.9	80.2	16.132	14.1	0.0	0.0	0.0	0.7
2	14.0	24.0	17.8	71.4	14.684	12.7	9.0	7.1	16.1	2.2
3	13.5	21.4	18.0	81.9	16.735	14.7	0.4	0.0	0.4	0.7
4	14.0	25.9	18.8	71.0	15.266	13.2	1.1	17.3	18.4	6.1
5	14.5	23.3	18.5	75.1	15.897	13.9	11.0	0.0	11.0	2.8
6	14.5	24.0	18.0	75.4	15.639	13.6	4.7	0.0	4.7	3.7
7	15.8	22.0	18.1	79.1	16.631	14.6	52.9	0.0	52.9	1.5
8	13.5	25.0	19.1	73.4	15.968	14.0	0.1	37.2	37.3	4.1
9	15.5	21.0	17.8	86.4	17.576	15.5	14.1	0.0	14.1	0.3
10	14.6	23.0	18.3	79.2	16.842	14.8	0.5	0.0	0.5	2.3
11	13.6	25.5	18.3	77.4	16.255	14.0	1.0	0.0	1.0	3.3
12	14.5	24.0	18.3	70.4	14.795	12.8	9.7	0.0	9.7	4.3
13	14.6	25.0	19.8	77.8	17.675	15.5	1.3	8.8	10.1	6.4
14	16.0	22.0	17.2	79.9	15.890	13.9	9.7	3.8	13.5	2.0
15	13.0	25.0	19.0	76.3	16.544	14.5	0.0	0.0	0.0	5.1
16	15.6	24.0	19.2	71.4	15.883	13.9	0.0	12.2	12.2	3.3
17	15.0	24.3	17.4	80.9	16.362	14.4	16.4	17.9	34.3	3.5
18	12.5	24.5	17.0	80.9	15.648	13.7	10.9	0.0	10.9	4.3
19	13.0	23.0	17.8	74.2	14.961	12.9	3.6	26.1	29.7	4.5
20	14.6	24.0	19.1	74.0	16.311	14.2	0.0	2.5	2.5	6.1
21	14.6	23.0	17.6	79.8	16.051	14.1	0.3	0.2	0.5	4.5
22	13.9	24.0	17.1	79.6	15.859	13.9	0.7	0.0	0.7	4.9
23	12.5	24.9	18.1	74.6	15.363	13.3	0.1	8.2	8.3	4.2
24	13.9	23.0	17.3	78.7	15.629	13.6	0.0	8.6	8.6	3.4
25	14.8	22.0	17.1	85.7	16.497	14.4	13.0	32.7	45.7	0.8
26	14.8	22.0	17.4	85.3	16.996	14.9	0.7	3.0	3.7	3.2
27	15.0	21.4	17.3	84.5	16.612	14.6	3.1	0.0	3.1	2.4
28	14.9	22.0	17.1	91.9	17.992	15.8	1.1	0.0	1.1	1.3
29	13.0	22.2	17.7	77.6	15.814	13.7	0.0	0.0	0.0	4.0
30	13.0	23.6	19.1	75.6	16.389	14.3	0.0	0.0	0.0	6.9
Prom.	14.2	23.4	18.0	78.3	16.163	14.1	165.4	185.6	351.0	102.8

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.5	24.0	17.7	77.2	15.767	13.8	5.3	0.0	5.3	4.4
2	13.0	22.2	17.1	79.4	15.485	13.5	6.0	0.0	6.0	2.4
3	12.0	22.4	17.0	78.2	15.196	13.1	2.3	0.0	2.3	3.8
4	12.1	24.0	17.4	77.8	15.620	13.6	0.2	0.0	0.2	4.8
5	11.8	23.5	18.1	76.0	15.884	13.9	2.2	0.0	2.2	5.1
6	13.0	24.4	18.1	77.6	16.136	14.1	0.0	0.0	0.0	4.4
7	13.5	23.1	17.7	75.6	15.027	13.0	0.0	0.0	0.0	3.7
8	13.5	22.4	18.3	83.6	17.675	15.5	0.0	0.0	0.0	2.4
9	13.5	25.4	18.4	81.1	17.271	15.1	20.3	1.7	22.0	3.8
10	14.0	24.5	18.2	70.6	14.710	12.7	3.0	0.0	3.0	3.2
11	13.0	24.8	18.7	71.0	15.276	13.3	0.0	0.0	0.0	6.4
12	13.0	25.5	18.8	70.2	15.359	13.3	0.0	0.0	0.0	7.5
13	13.5	24.0	18.2	74.5	15.452	13.4	0.0	0.0	0.0	3.5
14	14.0	26.2	20.2	77.8	18.666	16.2	0.0	0.0	0.0	8.6
15	15.0	26.2	19.5	72.7	16.584	14.5	7.3	2.0	9.3	5.4
16	15.0	26.0	19.0	84.3	18.663	16.4	2.8	1.5	4.3	3.0
17	14.5	22.0	16.5	86.4	16.585	14.6	25.2	3.5	28.7	2.4
18	14.6	24.0	19.0	77.6	17.265	15.2	0.0	0.6	0.6	1.9
19	13.0	23.0	18.5	72.2	14.878	12.9	0.1	0.0	0.1	6.0
20	13.5	24.0	18.1	80.4	16.659	14.5	0.0	3.5	3.5	3.7
21	13.5	23.0	16.7	86.8	16.675	14.7	14.7	0.0	14.7	0.7
22	13.0	21.4	16.8	88.1	16.898	14.9	3.7	3.8	7.5	2.2
23	12.8	20.0	15.6	77.3	13.797	11.6	15.0	0.3	15.3	1.1
24	13.5	23.0	17.9	78.3	15.708	13.7	0.0	33.7	33.7	5.3
25	12.4	19.0	15.8	88.3	15.622	13.6	0.9	5.6	6.5	0.2
26	13.0	21.5	17.2	80.8	15.568	13.6	0.5	6.6	7.1	3.7
27	13.5	22.3	17.4	91.2	18.067	15.9	2.1	1.7	3.8	1.5
28	14.0	22.2	17.6	82.8	16.533	14.5	0.0	28.1	28.1	2.3
29	13.0	21.0	17.3	83.1	16.052	14.0	0.2	0.0	0.2	1.8
30	13.5	21.3	17.2	82.9	16.170	14.2	0.0	0.0	0.0	1.7
31	13.5	21.2	18.4	81.0	16.973	14.9	0.0	0.0	0.0	2.1
Prom.	13.4	23.1	17.8	79.5	16.201	14.1	111.8	92.6	204.4	109.0

Estación **EL SENA**
 Altitud **1.550** Metros

Municipio **ARMENIA**
 Latitud **4-33 N.**

Año **1.971**
 Longitud **75-40 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	13.6	23.5	17.8	10.6	25.9	82.2	16.698	14.6	319.9	23	107.4
FEBRERO	14.2	23.0	17.9	12.1	25.6	82.6	16.944	14.8	330.4	23	73.2
MARZO	14.4	23.2	17.9	13.0	25.6	82.3	16.853	14.8	502.2	28	66.0
ABRIL	14.3	24.2	18.0	13.0	26.0	84.3	17.385	15.3	356.2	21	104.0
MAYO	15.0	23.3	18.6	12.9	25.6	82.0	17.572	15.4	406.6	22	107.7
JUNIO	15.1	23.9	18.7	13.8	26.5	81.6	17.553	15.4	167.9	21	112.3
JULIO	14.4	24.6	19.2	13.0	26.9	75.6	16.589	14.5	112.5	14	166.8
AGOSTO	14.3	23.0	18.3	12.5	26.0	80.8	16.792	14.7	221.2	23	126.0
SEPTIEMBRE	14.5	23.3	18.1	12.8	26.0	81.0	16.741	14.7	231.0	22	98.7
OCTUBRE	14.0	22.6	17.6	10.5	26.1	83.4	16.826	14.7	331.6	26	78.5
NOVIEMBRE	14.2	23.4	18.0	12.5	25.9	78.3	16.163	14.1	351.0	26	102.8
DICIEMBRE	13.4	23.1	17.8	11.8	26.2	79.5	16.201	14.1	204.4	22	109.0
PROMEDIO	14.3	23.4	18.2	12.4	26.0	81.1	16.860	14.8			
TOTAL									3534.9	271	1252.4

Estación **EL CEDRAL**
 Altitud **2.120** metros

Municipio **PEREIRA**
 Latitud **4-47 N.**

Año **1.971**
 Longitud **75-37 W.**

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	10.0	15.6	13.1	91.4	13.723	11.7	2.5	0.0	2.5	
2	11.6	16.0	14.2	85.8	13.805	11.7	12.9	0.0	12.9	
3	13.0	21.0	16.4	88.3	16.402	14.3	0.0	0.0	0.0	
4	10.5	20.0	15.4	96.8	16.712	14.6	0.0	0.0	0.0	
5	10.5	17.5	15.2	86.0	14.517	12.5	0.8	0.0	0.8	
6	12.0	17.0	14.3	86.5	14.122	12.1	29.1	4.9	34.0	
7	11.5	17.5	14.9	93.6	15.838	13.9	19.5	15.0	34.5	
8	10.0	18.5	14.1	87.9	14.040	12.0	54.1	10.5	64.6	
9	10.5	18.0	14.2	86.2	13.682	11.5	4.9	0.0	4.9	
10	11.0	18.0	13.8	86.8	13.713	11.7	4.0	0.0	4.0	
11	11.0	19.0	14.0	95.4	15.279	13.3	20.3	0.0	20.3	
12	8.5	17.0	13.7	95.9	14.926	12.8	6.4	0.3	6.7	
13	10.5	19.0	14.0	97.0	15.575	13.5	4.6	0.0	4.6	2.0
14	9.0	19.0	15.4	96.5	16.786	14.6	0.5	0.0	0.5	2.9
15	10.9	19.0	15.1	98.1	16.681	14.6	9.8	0.0	9.8	1.7
16	11.5	17.0	14.4	94.0	15.443	13.5	50.7	0.0	50.7	3.6
17	8.5	23.5	14.0	91.7	14.472	12.4	0.0	7.8	7.8	7.5
18	10.0	22.5	15.2	97.1	16.520	14.4	40.5	10.8	51.3	2.8
19	11.0	17.0	15.0	95.4	16.183	14.2	6.5	0.4	6.9	1.6
20	10.0	17.0	14.6	93.6	15.463	13.4	0.6	0.0	0.6	0.9
21	10.3	19.0	13.7	95.2	14.923	12.9	0.0	0.0	0.0	0.8
22	10.0	19.0	14.1	89.4	14.368	12.3	0.0	0.0	0.0	2.1
23	8.0	19.0	15.0	82.9	13.945	11.7	0.0	0.0	0.0	4.1
24	8.5	20.5	15.1	81.6	13.733	11.4	0.0	0.0	0.0	5.1
25	9.5	20.0	14.1	86.7	13.907	11.8	4.3	0.0	4.3	3.5
26	9.0	19.0	13.7	91.0	14.199	12.1	4.3	0.5	4.8	2.9
27	10.0	20.5	15.0	87.1	14.888	12.9	14.7	0.0	14.7	3.3
28	8.5	19.5	14.6	88.1	14.644	12.5	7.4	7.2	14.6	2.3
29	9.5	18.5	14.6	96.7	16.122	14.0	23.8	1.5	25.3	3.0
30	9.5	19.0	14.8	93.5	15.516	13.4	0.0	0.0	0.0	3.0
31	10.0	20.0	14.5	88.0	14.561	12.5	23.7	0.0	23.7	4.0
Prom.	10.1	18.8	14.5	91.1	14.990	12.9	345.9	58.9	404.8	

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	9.5	20.0	14.6	95.0	15.439	13.4	1.5	0.8	2.3	2.3
2	9.5	20.0	15.4	89.3	15.417	13.3	3.8	0.0	3.8	2.9
3	11.0	18.0	15.3	96.2	16.712	14.6	7.7	1.3	9.0	0.7
4	11.0	18.0	14.4	93.6	15.341	13.4	18.1	27.1	45.2	0.3
5	11.3	16.0	13.3	97.7	14.967	13.0	92.8	0.0	92.8	1.7
6	11.3	19.0	14.8	90.8	15.264	13.3	0.0	0.0	0.0	2.8
7	11.5	17.0	14.3	97.0	15.728	13.7	12.7	0.0	12.7	0.0
8	9.5	19.0	15.2	90.9	15.434	13.4	0.7	6.6	7.3	3.1
9	10.0	19.0	14.1	91.7	14.518	12.5	1.2	34.0	35.2	4.3
10	10.5	20.0	15.4	97.8	17.071	14.9	13.0	0.0	13.0	1.7
11	8.5	19.0	14.8	90.1	14.849	12.7	0.5	26.1	26.6	3.8
12	11.0	21.0	15.6	94.2	16.753	14.7	0.6	0.0	0.6	2.0
13	12.0	19.5	14.7	92.1	15.692	13.7	3.2	0.0	3.2	1.5
14	11.0	20.0	15.0	95.0	16.230	14.2	2.4	0.0	2.4	0.5
15	11.0	19.5	14.3	96.6	15.791	13.7	4.3	0.0	4.3	2.7
16	8.5	19.5	14.0	96.3	15.600	13.4	6.2	0.0	6.2	3.6
17	9.5	20.0	13.9	91.8	14.535	12.5	0.0	1.7	1.7	2.1
18	11.5	18.7	14.6	97.8	16.575	14.5	30.2	0.0	30.2	0.1
19	10.0	18.7	13.9	99.4	16.047	13.9	9.4	0.0	9.4	1.3
20	10.0	20.0	15.9	91.4	16.339	14.2	4.3	0.1	4.4	3.7
21	10.7	19.0	14.0	100.0	16.203	14.2	6.1	0.0	6.1	0.0
22	10.0	18.7	14.0	98.4	15.790	13.8	32.7	0.0	32.7	0.0
23	10.0	17.0	14.0	90.7	14.479	12.4	1.2	0.0	1.2	2.6
24	10.0	19.5	14.5	93.4	15.606	13.5	3.1	0.0	3.1	2.4
25	8.5	20.5	15.3	89.2	15.303	13.1	0.0	0.0	0.0	6.1
26	11.7	20.0	15.1	92.4	15.746	13.7	0.3	0.0	0.3	0.8
27	11.0	20.0	13.8	94.6	15.085	13.1	18.7	0.0	18.7	3.0
28	11.5	17.5	13.5	86.4	13.600	11.5	19.4	0.0	19.4	4.5
Prom.	10.4	19.1	14.6	93.9	15.576	13.5	294.1	98.7	391.8	60.5

Estación **EL CEDRAL**
 Altitud **2.120** metros

Municipio **PEREIRA**
 Latitud **4-47 N.**

Año **1.971**
 Longitud **75-37 W.**

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	10.0	19.0	12.3	93.8	13.470	11.4	38.8	0.0	38.8	2.7
2	11.0	18.7	13.7	90.8	13.996	11.9	22.2	18.2	40.4	2.1
3	10.5	20.5	14.3	89.6	14.636	12.7	37.0	0.3	37.3	1.5
4	11.0	21.5	16.0	95.0	17.398	15.2	3.7	0.1	3.8	2.7
5	9.0	20.0	15.4	89.0	15.287	13.2	20.4	0.0	20.4	4.1
6	11.0	21.0	15.6	92.3	16.141	14.1	13.5	1.5	15.0	3.9
7	12.0	21.0	14.9	94.4	16.227	14.1	1.4	0.1	1.5	0.5
8	11.0	20.5	15.5	90.0	16.115	14.1	0.0	0.0	0.0	2.6
9	12.0	18.7	15.8	81.9	14.531	12.5	0.0	0.0	0.0	4.1
10	12.0	22.0	15.8	94.9	17.001	14.9	25.2	0.0	25.2	3.1
11	11.0	18.7	14.7	95.3	16.072	14.0	13.4	1.5	14.9	1.3
12	12.0	21.0	14.5	96.8	16.060	14.0	33.8	0.0	33.8	0.5
13	11.0	19.0	14.8	88.0	14.729	12.7	0.0	0.0	0.0	2.1
14	13.0	20.5	16.4	90.1	16.685	14.6	5.6	0.0	5.6	1.2
15	11.0	17.5	14.2	94.6	15.493	13.5	2.4	0.1	2.5	0.4
16	10.0	18.7	14.2	93.3	15.351	13.2	9.7	0.0	9.7	1.5
17	9.5	17.5	12.9	97.2	14.665	12.6	3.3	5.6	8.9	1.5
18	11.5	18.5	14.4	97.8	16.139	14.1	11.1	0.1	11.2	0.1
19	12.0	19.7	14.0	97.2	15.983	13.9	13.8	0.0	13.8	0.6
20	11.0	18.0	14.5	94.1	15.660	13.7	21.5	0.0	21.5	0.0
21	12.0	20.0	16.0	93.4	16.972	14.9	3.6	0.0	3.6	0.5
22	11.0	18.0	14.5	93.7	15.573	13.6	5.2	15.8	21.0	0.6
23	11.0	19.0	14.6	92.9	15.302	13.3	7.0	1.5	8.5	2.3
24	12.0	18.0	14.5	92.6	15.536	13.6	4.3	9.3	13.6	1.4
25	11.2	19.0	14.7	95.4	15.966	13.9	10.3	0.3	10.6	1.2
26	11.0	19.0	14.8	93.7	16.057	14.0	0.7	5.2	5.9	1.1
27	12.0	19.5	14.8	92.3	15.823	13.8	4.2	0.0	4.2	1.9
28	12.4	19.5	14.1	95.5	15.504	13.5	5.6	27.9	33.5	2.2
29	12.5	19.5	14.6	96.7	16.164	14.2	35.1	0.4	35.5	0.0
30	11.0	20.0	13.9	95.9	15.437	13.4	3.6	8.4	12.0	1.1
31	11.3	19.5	14.3	97.3	16.206	14.1	4.0	1.4	5.4	0.0
Prom.	11.3	19.5	14.7	93.4	15.683	13.6	360.4	97.7	458.1	48.8

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.0	18.0	13.7	97.3	15.461	13.4	12.8	0.1	12.9	0.5
2	10.5	20.0	15.7	90.2	15.911	13.8	3.9	26.0	29.9	3.5
3	11.7	17.0	13.3	89.2	13.838	11.8	44.4	1.8	46.2	0.0
4	10.0	20.5	15.1	86.9	14.736	12.8	0.0	0.0	0.0	5.3
5	9.5	19.5	13.0	96.2	14.338	12.2	10.9	0.0	10.9	3.4
6	12.0	19.0	14.4	91.2	15.182	13.2	0.0	0.0	0.0	2.3
7	11.5	21.0	15.3	88.7	15.487	13.4	1.5	9.8	11.3	2.7
8	12.0	20.0	15.6	95.2	17.147	15.1	3.1	0.0	3.1	2.4
9	12.0	21.0	15.2	82.6	14.298	12.2	4.4	0.0	4.4	3.2
10	13.0	20.0	14.6	94.9	15.939	14.0	8.3	0.0	8.3	1.5
11	12.7	19.5	15.3	88.1	15.575	13.6	8.3	0.0	8.3	1.8
12	11.8	20.5	14.3	87.2	14.071	12.0	4.7	0.0	4.7	2.8
13	12.0	20.5	15.2	86.9	15.175	13.1	1.6	0.0	1.6	1.4
14	12.1	20.0	14.3	95.7	15.688	13.7	11.9	0.5	12.4	2.1
15	11.9	20.0	14.5	89.1	14.982	13.0	28.0	0.0	28.0	2.0
16	12.0	22.5	16.1	83.7	15.030	13.0	1.8	0.0	1.8	4.0
17	12.7	20.3	16.3	89.0	16.509	14.4	11.7	15.4	27.1	1.8
18	11.7	20.0	14.5	97.7	16.114	14.1	29.5	0.3	29.8	0.0
19	12.0	20.0	14.6	95.2	15.918	13.9	0.4	0.0	0.4	0.1
20	12.0	18.5	14.0	95.1	15.333	13.3	2.6	10.8	13.4	1.2
21	13.0	20.0	14.6	94.4	15.930	13.9	0.6	0.0	0.6	1.5
22	11.5	18.0	14.4	91.8	15.056	13.0	1.3	1.6	2.9	1.6
23	12.5	19.0	14.7	92.6	15.613	13.6	0.0	1.8	1.8	0.3
24	13.5	19.0	15.2	89.1	15.324	13.3	0.4	0.0	0.4	0.8
25	12.7	21.0	16.4	88.6	16.424	14.4	0.0	0.0	0.0	3.2
26	11.0	22.0	16.6	92.3	17.206	14.9	0.3	0.0	0.3	7.6
27	11.0	20.7	14.3	85.1	13.858	11.8	4.4	0.0	4.4	4.4
28	13.0	19.0	14.7	93.2	15.820	13.7	12.5	0.0	12.5	1.4
29	10.7	20.0	14.3	88.6	14.386	12.3	0.2	0.0	0.2	4.1
30	10.5	20.0	13.4	96.6	14.958	12.8	8.0	0.0	8.0	2.0
Prom.	11.8	19.9	14.8	91.1	15.377	13.3	217.5	68.1	285.6	68.9

Estación EL CEDRAL

Municipio PEREIRA

Año 1.971

Altitud 2.120 metros

Latitud 4-47 N.

Longitud 75-37 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	11.5	19.0	14.7	93.5	15.479	13.5	12.4	0.0	12.4	2.0
2	13.0	19.5	16.9	89.8	17.040	14.9	5.0	0.1	5.1	2.0
3	11.5	20.5	14.1	95.9	15.523	13.5	1.4	26.8	28.2	1.6
4	13.0	19.0	14.8	88.4	14.913	12.9	2.4	4.1	6.5	0.9
5	11.5	20.2	14.4	91.6	15.197	13.2	12.7	23.1	35.8	3.8
6	12.0	17.0	14.5	93.2	15.414	13.4	0.0	0.0	0.0	0.0
7	9.7	20.0	14.6	90.5	14.961	12.9	0.5	1.3	1.8	2.7
8	12.5	21.0	15.2	91.2	15.882	13.9	0.6	0.0	0.6	1.1
9	13.0	19.7	15.0	91.6	15.902	13.9	0.6	0.0	0.6	3.7
10	12.2	19.7	14.2	88.1	14.706	12.7	0.1	1.4	1.5	2.3
11	15.0	20.5	16.1	92.0	17.270	15.1	0.0	0.0	0.0	0.8
12	12.0	20.3	14.3	95.0	15.641	13.6	0.0	0.2	0.2	0.7
13	13.0	20.5	16.2	88.7	16.180	14.1	0.0	0.0	0.0	2.8
14	13.1	19.5	14.3	96.5	16.089	14.1	24.0	0.0	24.0	1.5
15	12.7	19.0	15.1	98.2	17.192	15.0	3.6	0.9	4.5	0.6
16	12.5	18.7	14.7	97.8	16.634	14.6	14.0	0.0	14.0	2.1
17	12.5	19.0	14.2	96.8	16.040	14.0	26.3	0.0	26.3	1.9
18	11.8	19.7	13.5	95.4	14.860	12.9	4.4	11.2	15.6	3.5
19	13.0	19.3	14.8	95.6	16.282	14.3	13.9	0.5	14.4	2.0
20	12.0	19.0	14.6	92.4	15.428	13.4	8.3	1.0	9.3	0.1
21	12.5	18.2	14.6	96.3	16.248	14.2	0.6	0.0	0.6	1.3
22	10.2	19.5	14.0	96.2	15.450	13.4	5.2	0.0	5.2	3.7
23	12.0	17.5	13.6	94.9	15.005	13.0	36.3	0.0	36.3	1.5
24	11.5	17.7	14.3	85.7	13.885	11.8	10.2	0.0	10.2	4.6
25	11.0	17.0	14.4	97.1	16.069	14.0	3.1	14.4	17.5	0.3
26	11.8	18.7	15.1	87.6	14.757	12.7	0.0	0.0	0.0	4.5
27	10.8	18.0	13.7	91.6	14.436	12.4	13.0	0.0	13.0	
28	13.0	19.5	14.5	99.0	16.649	14.6	0.7	0.0	0.7	
29	10.7	17.7	14.0	92.6	14.694	12.6	0.0	3.2	3.2	
30	13.0	19.0	14.8	93.6	15.849	13.9	1.0	0.0	1.0	
31	10.0	20.3	15.6	91.6	15.845	13.7	1.5	0.0	1.5	
Prom.	12.1	19.2	14.7	93.2	15.662	13.6	201.8	88.2	290.0	

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.0	19.0	15.5	91.6	16.162	14.2	0.7	0.0	0.7	
2	13.5	18.7	14.8	94.0	16.024	14.0	6.2	0.0	6.2	
3	11.5	21.0	16.4	81.4	14.885	12.9	0.0	0.0	0.0	
4	11.5	18.5	14.0	93.8	15.200	13.2	0.0	5.1	5.1	
5	12.0	19.0	14.8	94.0	15.918	13.9	27.6	0.4	28.0	
6	13.3	20.5	15.5	87.0	15.372	13.3	7.2	0.0	7.2	
7	12.5	18.7	15.1	91.9	15.772	13.8	4.1	0.0	4.1	
8	10.5	18.7	15.3	93.0	15.974	13.9	0.0	0.0	0.0	
9	11.0	18.7	14.5	84.9	13.832	11.8	8.1	0.0	8.1	
10	13.6	19.0	15.1	92.4	16.097	14.1	16.3	0.0	16.3	
11	10.0	19.5	14.9	94.3	15.685	13.6	0.0	0.0	0.0	
12	12.5	17.8	14.3	98.6	15.788	13.8	44.9	0.6	45.5	
13	12.0	21.0	14.6	95.9	15.977	14.0	30.6	0.0	30.6	
14	11.0	20.7	15.3	98.1	16.835	14.7	1.0	0.2	1.2	
15	12.0	19.7	15.1	91.1	15.615	13.6	0.0	0.0	0.0	
16	12.0	20.0	15.1	88.5	15.059	13.0	0.4	2.1	2.5	
17	12.0	20.3	16.3	85.4	15.661	13.6	2.1	0.0	2.1	
18	14.0	19.7	16.4	87.6	16.230	14.2	0.6	0.0	0.6	
19	10.5	22.0	15.6	90.6	15.922	13.9	3.6	0.0	3.6	
20	10.0	19.0	15.4	92.8	16.297	14.1	0.7	0.0	0.7	
21	11.5	19.0	13.6	95.1	14.744	12.8	2.9	0.0	2.9	
22	11.7	18.0	14.0	97.7	15.542	13.5	5.9	0.0	5.9	
23	10.0	21.5	16.4	91.1	16.874	14.6	6.1	0.0	6.1	
24	12.0	20.0	15.6	94.4	16.651	14.0	11.3	0.0	11.3	
25	12.0	20.5	14.7	94.8	16.105	14.0	0.2	0.0	0.2	
26	11.7	18.5	15.4	92.2	15.870	13.8	0.1	0.0	0.1	
27	12.0	19.0	15.6	97.1	16.845	14.7	7.2	0.2	7.4	
28	11.7	18.5	14.3	95.0	15.490	13.5	0.8	0.0	0.8	
29	11.5	17.5	14.6	96.4	16.055	14.0	11.7	0.0	11.7	
30	11.0	17.0	14.5	95.8	15.743	13.7	14.0	0.0	14.0	
Prom.	11.8	19.4	15.1	92.6	15.807	13.8	214.3	8.6	222.9	

Estación **EL CEDRAL**
 Altitud **2.120** metros

Municipio **PEREIRA**
 Latitud **4-47 N.**

Año **1.971**
 Longitud **75-37 W.**

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.0	19.5	14.9	93.8	16.127	14.1	0.5	0.0	0.5	
2	11.7	19.0	14.9	95.7	16.174	14.1	3.9	0.1	4.0	
3	12.0	18.7	14.7	93.5	15.740	13.8	0.0	0.0	0.0	
4	12.0	18.5	14.5	91.3	14.828	12.8	0.0	0.0	0.0	
5	12.0	19.3	15.2	91.7	15.821	13.8	0.2	0.0	0.2	
6	11.0	19.0	15.1	87.1	14.862	12.8	0.0	0.1	0.1	
7	12.3	20.0	15.7	88.7	15.694	13.7	1.0	0.0	1.0	
8	11.0	21.0	15.4	80.3	13.933	11.9	0.0	0.0	0.0	
9	12.0	21.0	16.7	90.3	16.965	14.8	0.0	0.0	0.0	
10	14.0	21.5	17.8	79.5	15.754	13.4	0.1	0.0	0.1	
11	12.0	20.5	15.9	94.9	16.767	14.6	1.2	0.1	1.3	
12	11.5	19.0	15.9	92.8	16.444	14.3	0.0	6.4	6.4	
13	12.5	20.0	15.6	93.7	16.546	14.5	0.5	4.6	5.1	
14	11.0	17.5	14.1	95.3	15.508	13.5	0.0	0.0	0.0	
15	10.0	22.5	17.1	78.6	14.553	12.2	0.0	0.0	0.0	
16	11.0	20.5	15.6	86.9	15.187	13.1	0.2	0.0	0.2	
17	10.7	19.0	15.8	94.5	16.518	14.4	0.0	0.0	0.0	
18	10.0	20.3	15.3	81.9	13.548	11.1	0.0	0.0	0.0	
19	11.0	22.5	16.0	80.1	14.272	12.1	0.0	0.0	0.0	
20	13.0	23.0	16.8	82.4	15.724	13.7	0.0	0.0	0.0	
21	11.3	21.5	16.2	84.3	15.395	13.3	0.0	0.0	0.0	
22	11.7	20.7	16.0	94.1	16.851	14.6	0.0	0.2	0.2	
23	11.0	21.0	15.6	82.7	14.488	12.5	0.1	0.0	0.1	
24	12.0	22.0	16.9	82.5	15.565	13.6	0.0	0.0	0.0	
25	11.0	19.0	14.8	88.4	14.721	12.7	0.2	7.9	8.1	
26	12.0	20.0	14.5	96.6	16.221	14.1	3.7	0.2	3.9	
27	12.0	20.5	14.8	89.9	15.336	13.4	0.0	0.0	0.0	
28	12.0	18.7	14.4	87.5	14.451	12.5	0.0	0.0	0.0	
29	12.0	18.4	15.0	89.1	15.136	13.1	0.0	1.1	1.1	
30	10.5	20.5	15.5	94.0	16.360	14.2	0.0	0.0	0.0	
31	10.0	21.5	15.9	92.1	16.381	14.2	0.0	0.0	0.0	
Prom.	11.6	20.2	15.6	88.8	15.544	13.4	11.6	20.7	32.3	

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.5	22.0	17.7	76.1	14.578	12.1	0.2	0.6	0.8	
2	9.5	19.3	14.8	92.4	15.280	13.1	4.4	0.5	4.9	
3	12.0	18.7	14.5	94.0	15.682	13.7	0.5	0.0	0.5	
4	11.0	18.0	14.2	88.9	14.384	12.4	6.5	18.8	25.3	
5	11.5	18.5	14.3	89.5	14.668	12.7	15.0	0.0	15.0	
6	10.0	18.0	13.9	89.4	14.082	12.0	5.5	0.0	5.5	
7	11.5	17.0	13.4	93.0	14.174	12.2	0.0	0.0	0.0	
8	11.0	19.0	14.9	88.3	14.920	12.9	1.3	0.0	1.3	
9	10.0	18.7	13.6	89.7	14.043	12.0	0.7	0.0	0.7	
10	10.5	17.3	13.5	92.8	14.345	12.3	9.4	0.0	9.4	
11	11.0	19.0	14.4	90.4	14.751	12.8	1.0	0.5	1.5	
12	12.5	17.0	13.9	91.8	14.739	12.8	11.4	0.0	11.4	
13	9.3	20.0	14.4	92.0	15.325	13.1	0.7	0.0	0.7	
14	11.0	19.7	14.9	94.0	15.873	13.8	0.3	0.1	0.4	
15	13.0	18.0	15.4	88.8	15.397	13.4	6.1	0.0	6.1	
16	8.7	19.0	14.0	88.4	14.032	11.9	0.1	3.4	3.5	
17	11.7	17.5	13.9	94.2	15.070	13.1	2.5	9.4	11.9	
18	11.0	17.5	13.8	85.1	13.304	11.2	3.0	2.8	5.8	
19	12.5	17.0	14.5	92.5	15.361	13.4	2.8	0.2	3.0	
20	11.0	18.5	14.2	97.4	15.764	13.7	18.6	0.6	19.2	
21	13.0	18.0	15.4	95.0	16.887	14.8	4.6	0.0	4.6	0.2
22	14.0	19.0	16.1	86.5	15.919	13.8	8.3	0.0	8.3	2.1
23	10.0	17.6	14.7	92.3	15.289	13.3	1.4	1.9	3.3	4.1
24	13.5	17.6	15.2	90.3	15.673	13.7	1.1	0.0	1.1	0.0
25	14.0	17.3	14.6	94.7	15.940	14.0	0.4	2.7	3.1	0.0
26	12.0	14.9	13.5	92.7	14.291	12.2	1.6	8.8	10.4	0.7
27	13.5	16.8	14.7	93.0	15.776	13.7	2.1	0.3	2.4	5.4
28	13.0	18.0	15.6	92.3	16.285	14.2	0.2	0.0	0.2	2.7
29	13.5	17.0	14.8	90.5	15.374	13.4	0.0	0.0	0.0	7.3
30	14.0	20.5	15.6	81.3	14.606	12.6	0.9	0.0	0.9	0.0
31	13.0	22.4	15.9	76.6	13.971	11.9	0.0	0.0	0.0	0.0
Prom.	11.8	18.3	14.7	90.1	15.025	13.0	110.6	54.6	161.8	

Estación EL CEDRAL

Municipio PEREIRA

Año 1.971

Altitud 2.120 metros

Latitud 4-47 N.

Longitud 75-37 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.0	17.1	13.9	91.4	14.785	12.8	0.4	0.3	0.7	0.6
2	11.5	18.0	14.4	88.3	14.480	12.4	23.0	0.0	23.0	3.2
3	10.5	17.4	14.0	95.1	15.343	13.2	18.4	2.5	20.9	0.7
4	12.5	17.0	14.0	97.0	15.515	13.5	7.3	0.3	7.6	0.4
5	10.5	18.0	14.2	87.8	14.118	12.1	0.0	0.0	0.0	2.3
6	10.5	18.5	14.2	92.9	15.195	13.1	2.2	0.9	3.1	3.9
7	11.5	23.0	14.9	83.8	14.652	12.5	10.4	5.0	15.4	1.3
8	12.5	16.0	14.0	94.6	15.269	13.3	3.0	0.5	3.5	0.3
9	11.0	16.5	14.1	91.7	14.739	12.7	0.4	0.0	0.4	0.0
10	10.0	19.5	14.8	86.3	14.466	12.5	0.4	0.0	0.4	1.0
11	9.5	20.5	14.8	85.7	14.373	12.3	0.0	0.0	0.0	3.6
12	10.0	21.5	14.9	85.1	14.255	12.2	1.5	7.4	8.9	5.1
13	10.5	20.5	15.6	85.4	14.993	13.0	0.0	0.0	0.0	3.9
14	8.5	19.0	13.9	90.7	14.362	12.3	0.0	0.0	0.0	3.4
15	10.0	19.5	16.0	89.7	16.216	14.2	1.5	0.3	1.8	1.8
16	10.5	17.5	13.8	90.9	14.203	12.1	16.4	1.0	17.4	2.6
17	11.0	19.5	13.9	87.7	13.800	11.7	0.1	0.0	0.1	1.6
18	11.0	19.5	14.3	90.0	14.574	12.5	0.0	0.0	0.0	0.7
19	10.0	18.0	15.3	89.4	15.450	13.4	0.7	0.1	0.8	1.1
20	11.0	19.0	14.7	85.6	14.239	12.2	2.8	0.0	2.8	2.1
21	10.5	17.5	13.9	94.4	14.929	12.9	16.6	0.0	16.6	0.2
22	10.0	21.0	14.3	93.0	15.294	13.2	1.2	0.0	1.2	4.9
23	10.0	19.0	14.2	89.7	14.710	12.6	1.1	0.0	1.1	2.5
24	10.8	16.8	14.2	87.6	14.059	12.0	0.0	0.0	0.0	1.4
25	10.5	17.0	14.4	89.1	14.392	12.3	0.1	0.0	0.1	3.6
26	13.5	16.0	14.3	82.3	13.557	11.4	1.2	0.0	1.2	1.2
27	10.5	20.0	14.4	88.6	14.466	12.5	0.2	0.0	0.2	3.3
28	10.5	19.0	14.5	88.4	14.758	12.7	1.6	0.0	1.6	1.0
29	10.5	19.5	14.6	88.6	14.588	12.6	0.0	0.2	0.2	1.2
30	11.2	21.0	14.9	91.0	15.559	13.6	13.4	1.1	14.5	0.7
Prom.	10.8	18.7	14.4	89.4	14.711	12.7	123.9	19.6	143.5	59.6

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	12.0	17.5	13.9	98.1	15.867	13.8	3.6	0.1	3.7	0.0
2	11.6	18.5	14.4	93.2	15.379	13.4	24.8	8.5	33.3	1.0
3	11.5	17.5	14.3	95.7	15.935	13.9	19.2	8.7	27.9	0.5
4	11.5	16.5	13.3	94.2	14.474	12.5	8.5	0.0	8.5	0.0
5	11.0	18.5	14.8	94.4	16.158	14.1	2.1	0.2	2.3	0.7
6	10.0	19.5	13.6	88.3	13.787	11.7	4.2	2.4	6.6	2.9
7	10.5	19.0	14.5	88.2	14.679	12.7	5.8	0.0	5.8	1.5
8	9.5	20.0	14.5	89.1	14.647	12.6	0.0	0.0	0.0	4.0
9	9.5	20.5	14.7	84.9	14.230	12.2	13.2	2.2	15.4	2.8
10	10.7	20.0	14.7	91.8	15.565	13.6	22.5	3.8	26.3	2.3
11	11.5	19.5	14.9	89.2	15.272	13.3	1.5	0.0	1.5	1.8
12	10.3	19.5	14.1	92.5	14.914	12.8	3.7	1.8	5.5	2.7
13	10.0	20.0	15.9	86.7	15.360	13.3	0.0	0.0	0.0	2.6
14	10.5	17.5	13.5	92.8	14.564	12.5	2.1	0.0	2.1	2.0
15	9.5	19.0	13.9	89.9	14.309	12.2	9.4	0.0	9.4	4.8
16	10.0	18.0	14.3	88.6	14.465	12.5	2.7	1.9	4.6	2.3
17	10.0	17.0	14.1	92.7	14.893	12.9	3.5	0.0	3.5	0.0
18	11.5	19.5	13.9	95.9	15.335	13.4	14.7	1.7	16.4	1.5
19	11.0	16.5	13.9	90.1	14.191	12.1	0.6	0.5	1.1	0.9
20	9.5	19.0	13.9	87.1	13.905	11.9	5.7	0.0	5.7	1.8
21	10.5	20.5	15.6	86.8	15.095	13.1	0.0	0.0	0.0	5.2
22	10.6	20.0	13.4	93.6	14.742	12.7	16.2	0.1	16.3	0.7
23	9.5	18.0	13.9	84.8	13.240	11.0	0.3	0.0	0.3	3.0
24	10.5	17.5	13.6	93.5	14.712	12.7	19.5	0.0	19.5	1.6
25	9.5	17.5	13.4	88.5	13.700	11.6	4.0	0.0	4.0	0.0
26	8.5	19.0	13.6	89.3	13.885	11.7	0.0	0.0	0.0	5.4
27	9.9	19.5	13.6	87.3	13.689	11.6	42.8	0.0	42.8	3.7
28	9.5	17.0	14.2	86.3	13.805	11.7	0.0	1.5	1.5	1.4
29	9.9	16.8	14.1	95.4	15.488	13.5	8.9	0.0	8.9	3.5
30	10.0	17.0	13.5	90.9	13.918	11.9	22.2	17.1	39.3	2.7
31	10.0	17.0	13.8	95.2	15.008	12.9	11.6	10.5	22.1	2.7
Prom.	10.3	18.5	14.1	90.8	14.684	12.6	273.3	51.0	324.3	66.0

Estación **EL CEDRAL**
 Altitud **2.120** metros

Municipio **PEREIRA**
 Latitud **4-47 N.**

Año **1.971**
 Longitud **75-37 W.**

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	9.5	18.0	13.9	93.8	14.915	12.9	4.2	0.2	4.4	0.0
2	10.5	19.5	14.3	94.3	15.533	13.5	4.7	1.6	6.3	2.6
3	12.0	17.0	14.3	91.6	15.120	13.2	8.9	0.0	8.9	0.7
4	10.0	20.0	14.6	84.6	13.986	11.9	8.1	0.4	8.5	5.9
5	10.0	18.0	13.8	85.2	13.274	11.1	10.6	0.0	10.6	2.0
6	10.0	20.5	15.2	87.3	14.905	12.9	24.9	5.2	30.1	3.1
7	10.5	18.0	14.3	93.2	15.268	13.2	9.6	0.0	9.6	1.9
8	9.0	19.0	14.2	94.8	15.437	13.3	17.0	2.8	19.8	2.9
9	11.9	18.0	14.5	94.6	15.695	13.7	5.0	0.0	5.0	0.5
10	10.5	18.0	14.0	91.2	14.657	12.7	0.3	0.0	0.3	0.6
11	8.5	17.0	13.4	95.4	14.605	12.5	5.4	0.0	5.4	3.5
12	8.5	18.0	14.0	89.8	14.268	12.2	10.0	1.7	11.7	4.5
13	9.5	19.0	14.8	85.4	14.163	12.0	0.0	0.0	0.0	4.2
14	11.5	20.0	14.7	88.0	14.791	12.8	3.8	2.0	5.8	2.5
15	10.0	19.0	15.0	89.4	15.300	13.3	1.9	0.0	1.9	3.2
16	10.0	18.5	14.1	89.4	14.409	12.4	1.5	12.1	13.6	2.1
17	10.5	18.0	13.9	95.6	15.212	13.1	11.4	14.0	25.4	1.6
18	9.5	18.0	12.9	95.4	14.197	12.2	2.1	0.9	3.0	1.3
19	9.5	18.5	13.7	90.5	14.292	12.3	1.0	15.9	16.9	2.3
20	10.0	18.5	14.4	87.0	14.116	12.1	12.0	3.5	15.5	2.4
21	10.9	19.0	13.5	87.5	13.795	11.8	15.2	2.1	17.3	4.7
22	9.0	19.0	13.9	87.3	14.061	12.0	4.2	0.0	4.2	4.6
23	8.5	18.5	13.5	87.4	13.538	11.4	2.2	0.0	2.2	3.6
24	8.5	17.0	13.3	93.3	14.303	12.1	0.4	0.0	0.4	2.4
25	9.0	16.0	13.4	95.8	14.548	12.5	7.4	1.6	9.0	1.1
26	9.9	17.0	13.7	89.1	13.981	11.9	4.5	0.0	4.5	1.1
27	9.5	17.0	13.0	92.6	13.916	11.8	0.8	0.0	0.8	2.2
28	10.5	17.0	13.2	92.6	14.309	12.3	3.6	0.0	3.6	0.1
29	8.5	19.0	13.3	94.6	14.261	12.2	2.7	0.0	2.7	3.9
30	9.5	20.5	13.6	88.2	13.494	11.4	0.0	0.0	0.0	5.0
Prom.	9.8	18.3	13.9	90.8	14.478	12.4	221.6	64.0	285.6	76.5

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	10.0	20.0	14.4	85.8	14.034	12.0	0.0	0.0	0.0	4.4
2	9.0	19.0	12.9	90.5	13.513	11.3	10.4	0.0	10.4	3.4
3	8.0	18.0	12.7	92.1	13.404	11.2	1.6	0.0	1.6	2.4
4	8.5	18.0	12.6	91.2	13.197	11.0	3.9	0.0	3.9	3.1
5	8.5	19.5	12.8	91.2	13.268	11.1	5.6	0.0	5.6	5.1
6	8.5	19.5	14.2	91.2	14.616	12.6	2.9	0.0	2.9	3.7
7	8.5	19.5	14.3	84.9	13.672	11.6	0.0	0.0	0.0	2.6
8	10.5	19.0	14.7	92.1	15.195	13.2	0.0	0.0	0.0	2.8
9	9.5	19.0	14.4	90.6	14.716	12.6	0.9	0.0	0.9	3.7
10	9.0	20.0	14.3	83.9	13.473	11.3	21.9	0.0	21.9	4.8
11	8.5	19.0	13.9	88.3	13.886	11.7	0.1	0.0	0.1	2.9
12	9.0	20.0	15.1	83.9	14.439	12.3	0.0	0.0	0.0	5.8
13	10.0	21.0	15.1	83.2	14.103	12.0	0.5	0.0	0.5	3.1
14	10.0	21.5	15.3	85.5	14.636	12.6	1.0	0.0	1.0	6.8
15	9.5	21.0	14.5	93.1	15.133	13.1	1.5	0.0	1.5	4.5
16	10.2	18.7	13.6	87.8	13.662	11.6	5.3	3.5	8.8	0.4
17	12.5	20.0	15.1	89.1	15.587	13.6	14.8	1.1	15.9	2.2
18	13.5	20.5	15.3	91.2	16.136	14.1	2.7	2.6	5.3	1.3
19	9.5	20.5	15.7	83.6	14.534	12.4	0.0	0.0	0.0	8.0
20	9.0	20.5	14.4	89.9	14.622	12.5	0.0	0.0	0.0	3.7
21	10.0	16.0	12.0	96.5	13.541	11.4	0.0	0.0	0.0	2.9
22	10.0	15.0	12.0	95.2	13.337	11.3	8.8	0.0	8.8	3.5
23	12.0	17.5	14.0	93.9	15.016	13.1	10.0	0.0	10.0	1.4
24	11.5	19.5	13.5	97.7	15.103	13.1	0.0	0.0	0.0	1.4
25	11.5	20.5	13.3	96.5	14.748	12.8	0.0	0.0	0.0	1.9
26	10.0	20.5	15.6	85.8	14.844	12.7	0.0	0.0	0.0	1.9
27	10.0	16.0	12.8	92.5	13.608	11.5	0.0	0.0	0.0	3.4
28	11.0	16.0	13.3	96.7	14.822	12.8	0.0	0.0	0.0	2.2
29	10.3	15.0	11.6	97.5	13.480	11.4	0.0	0.0	0.0	1.2
30	10.0	17.1	12.9	91.0	13.633	11.6	0.0	0.0	0.0	2.7
31	11.0	16.6	13.3	95.4	14.600	12.6	0.0	0.0	0.0	3.3
Prom.	10.0	18.8	13.9	90.6	14.276	12.2	91.9	7.2	99.1	99.5

Estación EL CEDRAL
 Altitud 2.120 Metros

Municipio PEREIRA
 Latitud 4-47 N.

Año 1.971
 Longitud 75-37 W.

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.		
ENERO	10.1	18.8	14.5	8.0	23.5	91.1	14.990	12.9	404.8	24		
FEBRERO	10.4	19.1	14.6	8.5	21.0	93.9	15.576	13.5	391.8	26	60.5	
MARZO	11.3	19.5	14.7	9.0	22.0	93.4	15.683	13.6	458.1	28	48.8	
ABRIL	11.8	19.9	14.8	9.5	22.5	91.1	15.377	13.3	285.6	27	68.9	
MAYO	12.1	19.2	14.7	9.7	21.0	93.2	15.662	13.6	290.0	27		
JUNIO	11.8	19.4	15.1	10.0	22.0	92.6	15.807	13.8	222.9	26		
JULIO	11.6	20.2	15.6	10.0	23.0	88.8	15.544	13.4	32.3	15		
AGOSTO	11.8	18.3	14.7	8.7	22.4	90.1	15.025	13.0	161.2	28		
SEPTIEMBRE	10.8	18.7	14.4	8.5	23.0	89.4	14.711	12.7	143.5	24	59.6	
OCTUBRE	10.3	18.5	14.1	8.5	20.5	90.8	14.684	12.6	324.3	27	66.0	
NOVIEMBRE	9.8	18.3	13.9	8.3	20.5	90.8	14.478	12.4	285.6	28	76.5	
DICIEMBRE	10.0	18.8	13.9	8.0	21.5	90.6	14.276	12.2	99.1	16	99.5	
PROMEDIO	11.0	19.1	14.6	8.9	21.9	8.0	15.157	13.1				
TOTAL									3101.4	296		

Estación GRANJA LIBANO

Municipio LIBANO

Año 1.971

Altitud 1.520 metros

Latitud 4-56 N.

Longitud 75-04 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	24.3	20.3	82.2	19.578	17.1	0.0	0.0	0.0	2.7
2	14.0	24.0	19.7	81.4	18.493	16.3	0.0	1.2	1.2	5.4
3	16.0	23.0	19.3	88.8	19.980	17.5	0.2	15.8	16.0	3.4
4	16.4	21.5	18.7	91.6	19.795	17.3	1.1	0.0	1.1	0.0
5	14.3	21.9	18.5	91.6	19.511	17.1	0.0	6.7	6.7	0.7
6	16.5	22.4	19.0	88.2	19.224	16.9	11.9	5.7	17.6	1.8
7	15.6	19.9	17.4	91.7	18.361	16.2	43.1	21.1	64.2	0.2
8	15.0	19.3	15.6	87.9	15.651	13.7	4.5	1.2	5.7	0.0
9	15.5	20.0	17.9	93.8	19.139	16.8	17.5	0.9	18.4	0.5
10	16.0	21.5	18.2	85.8	17.995	15.8	0.0	0.0	0.0	1.0
11	14.5	21.0	18.6	88.1	18.815	16.5	0.0	11.3	11.3	1.9
12	15.6	22.9	18.9	86.0	18.497	16.2	0.0	5.5	5.5	5.0
13	15.4	22.0	18.3	80.2	16.775	14.7	0.0	0.0	0.0	4.4
14	15.5	23.3	18.5	87.6	18.660	16.4	7.9	31.5	39.4	4.6
15	12.7	22.0	18.6	82.5	17.564	15.4	0.0	8.1	8.1	5.3
16	15.5	21.5	18.3	87.0	18.291	16.1	0.9	0.0	0.9	3.4
17	14.5	22.2	18.7	79.9	17.530	15.4	0.0	0.0	0.0	6.6
18	12.9	21.4	17.8	87.1	17.750	15.6	0.0	0.0	0.0	2.1
19	15.4	21.0	17.7	83.5	16.993	14.9	0.3	12.9	13.2	1.2
20	14.6	19.6	16.7	89.6	16.924	14.9	13.6	0.3	13.9	2.4
21	14.6	21.6	17.7	94.1	18.914	16.6	1.7	0.0	1.7	3.7
22	15.6	21.2	17.9	86.2	17.774	15.6	0.6	0.0	0.6	5.4
23	15.0	22.5	18.5	86.1	18.413	16.2	0.0	0.0	0.0	6.8
24	14.0	22.4	18.3	86.8	18.093	15.9	0.0	0.0	0.0	1.8
25	14.9	22.0	18.7	83.6	18.118	15.9	0.0	0.0	0.0	3.1
26	14.6	21.5	18.0	86.8	17.970	15.7	15.0	0.0	15.0	2.6
27	16.0	20.0	17.7	91.2	18.680	16.4	0.0	0.0	0.0	0.6
28	15.4	21.2	18.2	89.8	18.686	16.4	0.0	0.0	0.0	2.4
29	14.5	21.0	18.5	90.3	19.270	16.9	2.7	2.1	4.8	0.7
30	15.6	22.6	18.8	83.8	17.873	15.7	0.0	0.0	0.0	3.7
31	15.4	23.0	18.8	75.6	16.448	14.3	0.0	3.5	3.5	5.4
Prom.	15.1	21.7	18.3	86.7	18.250	16.0	121.0	127.8	248.8	88.8

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.1	22.2	19.1	89.1	19.824	17.4	0.0	9.1	9.1	2.5
2	14.5	22.0	18.2	89.7	18.726	16.4	0.0	97.8	97.8	3.3
3	15.0	20.0	17.4	91.6	18.055	15.9	7.0	0.0	7.0	0.3
4	14.6	21.0	18.3	83.3	17.479	15.3	0.0	6.8	6.8	2.6
5	16.0	18.5	17.0	89.2	17.362	15.3	13.6	0.0	13.6	0.9
6	14.4	21.8	18.8	82.7	17.857	15.7	0.0	0.8	0.8	4.0
7	14.0	22.3	18.9	82.5	16.879	14.8	10.5	26.2	36.7	5.4
8	14.1	22.2	18.5	84.5	17.738	15.6	0.0	0.0	0.0	3.9
9	16.6	21.5	18.9	80.8	17.502	15.4	0.0	0.0	0.0	3.3
10	16.8	20.7	18.4	80.3	17.090	15.0	0.0	0.0	0.0	2.4
11	14.4	21.5	18.6	83.1	17.893	15.7	0.0	0.0	0.0	8.3
12	14.9	21.5	18.1	86.4	17.909	15.7	0.4	6.9	7.3	4.1
13	15.0	21.0	18.1	85.9	17.719	15.6	3.4	0.0	3.4	1.8
14	15.0	20.8	17.6	84.8	17.051	15.0	3.6	0.4	4.0	0.3
15	15.5	21.6	18.9	84.5	18.305	16.1	1.2	0.8	2.0	3.3
16	16.0	22.2	19.1	87.2	19.186	16.8	0.0	0.0	0.0	3.4
17	16.3	21.9	18.5	91.9	19.672	17.2	0.6	9.7	10.3	1.2
18	16.5	21.5	18.6	88.8	19.078	16.7	0.0	14.6	14.6	0.1
19	16.5	19.0	17.5	94.8	18.866	16.6	0.9	0.0	0.9	0.0
20	16.0	21.8	18.1	92.3	19.242	16.9	0.0	0.0	0.0	2.7
21	15.4	21.4	18.1	86.9	18.011	15.8	0.0	7.4	7.4	1.6
22	16.0	20.2	17.8	89.1	18.127	16.0	0.0	0.0	0.0	0.3
23	14.4	22.1	18.8	88.1	18.873	16.5	0.0	0.0	0.0	2.7
24	14.0	24.5	19.1	76.4	16.849	14.6	0.0	0.0	0.0	10.1
25	13.6	25.3	19.1	75.2	16.320	14.3	0.0	4.8	4.8	10.1
26	16.3	21.0	18.2	91.4	19.158	16.8	0.0	0.0	0.0	0.5
27	13.6	24.0	19.5	78.6	17.316	15.2	0.0	8.6	8.6	8.7
28	15.5	21.5	18.5	90.6	19.347	16.9	0.2	0.0	0.2	4.5
Prom.	15.3	21.6	18.4	85.9	18.123	15.9	41.4	193.9	235.3	92.3

Estación GRANJA LIBANO

Municipio LIBANO

Año 1.971

Altitud 1.520 metros

Latitud 4-56 N.

Longitud 75-04 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	22.2	18.6	85.9	18.172	15.9	0.0	0.0	0.0	3.7
2	15.4	23.3	18.9	85.1	18.299	16.1	0.1	0.6	0.7	3.0
3	16.6	24.2	19.8	82.0	18.633	16.4	0.2	6.2	6.4	5.2
4	15.8	21.5	18.3	90.0	19.074	16.7	0.0	0.0	0.0	4.1
5	15.0	23.3	18.5	86.3	18.451	16.1	0.0	0.0	0.0	7.4
6	16.0	23.0	19.3	82.5	18.388	16.1	0.0	0.0	0.0	3.6
7	16.3	20.9	18.2	93.2	19.413	17.0	1.3	0.1	1.4	0.8
8	16.4	21.9	19.0	90.1	19.765	17.3	6.0	17.5	23.5	0.5
9	17.3	23.3	20.4	89.1	21.195	18.4	0.3	14.3	14.6	6.5
10	16.3	23.9	20.2	92.8	21.732	18.7	0.0	3.8	3.8	7.4
11	17.0	23.4	19.4	88.1	19.597	17.1	1.0	2.0	3.0	2.1
12	17.0	20.8	18.3	90.0	18.940	16.6	2.2	0.0	2.2	0.4
13	15.6	23.3	20.0	83.4	19.531	17.0	0.1	2.5	2.6	4.8
14	17.1	23.9	20.0	88.5	20.644	18.0	0.2	31.8	32.0	5.9
15	16.4	21.5	18.6	91.5	19.660	17.2	0.0	0.0	0.0	2.7
16	16.8	22.5	18.8	84.9	18.289	16.0	42.3	0.6	42.9	2.1
17	15.3	21.6	18.1	87.3	17.968	15.8	27.4	27.6	55.0	1.0
18	15.6	21.9	18.3	91.1	19.010	16.7	2.1	21.9	24.0	2.4
19	16.8	22.1	19.2	91.2	20.249	17.7	0.0	1.1	1.1	3.3
20	15.6	19.0	17.5	94.4	18.827	16.6	33.3	0.5	33.8	0.0
21	16.4	21.9	18.6	95.4	20.277	17.7	1.7	0.0	1.7	3.1
22	14.1	23.9	20.0	85.3	19.690	17.2	0.0	0.2	0.2	8.0
23	16.5	22.4	19.2	87.0	19.243	16.9	0.0	13.0	13.0	5.4
24	16.0	22.2	19.2	91.7	20.320	17.7	33.7	6.5	40.2	2.5
25	16.0	22.6	19.4	87.4	19.928	17.4	0.0	10.0	10.0	4.2
26	15.0	22.0	17.9	89.2	18.362	16.1	0.0	0.0	0.0	2.2
27	15.4	23.3	19.2	91.4	20.229	17.7	0.0	0.0	0.0	4.2
28	16.0	21.0	18.7	85.5	18.450	16.2	21.8	0.5	22.3	1.1
29	16.0	20.6	18.2	86.2	17.844	15.6	5.8	4.9	10.7	0.4
30	16.6	21.3	18.5	91.5	19.497	17.1	10.1	4.0	14.1	0.2
31	16.0	20.6	17.5	88.2	17.603	15.5	0.2	1.1	1.3	0.7
Prom.	16.0	22.2	18.9	88.6	19.267	16.9	189.8	170.7	360.5	98.9

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.6	19.8	17.4	93.2	18.628	16.4	0.3	0.0	0.3	1.0
2	15.4	21.0	18.4	86.6	18.108	15.9	2.3	2.5	4.8	3.0
3	16.1	19.9	17.5	91.2	18.270	16.1	5.7	30.0	35.7	0.0
4	16.1	21.0	17.3	92.3	18.213	16.0	4.7	0.0	4.7	1.8
5	14.0	22.5	19.0	84.8	18.359	16.1	0.0	13.6	13.6	7.5
6	16.0	22.4	19.1	85.9	18.920	16.6	6.8	0.0	6.8	3.8
7	16.0	22.6	18.7	88.7	19.239	16.8	0.9	0.0	0.9	1.8
8	17.0	22.5	19.1	85.4	18.852	16.6	0.0	0.0	0.0	4.3
9	15.0	22.8	19.0	88.6	19.446	17.0	6.8	0.3	7.1	4.7
10	17.0	23.0	20.0	85.1	19.868	17.3	0.0	0.0	0.0	4.7
11	14.9	23.5	19.7	83.5	19.279	16.9	0.0	0.0	0.0	6.3
12	15.3	23.2	19.5	84.8	19.223	16.9	0.0	0.0	0.0	7.7
13	16.2	22.9	19.5	88.0	19.893	17.4	0.0	0.0	0.0	3.8
14	17.1	22.9	18.7	94.1	20.820	18.1	22.3	1.8	24.1	1.3
15	16.8	23.5	19.1	81.0	17.979	15.7	0.0	0.0	0.0	2.4
16	16.0	24.0	19.6	87.3	20.011	17.5	0.0	1.5	1.5	8.2
17	16.2	24.5	19.4	86.2	19.851	17.4	15.9	4.6	20.5	3.5
18	16.8	21.9	18.8	93.0	20.251	17.7	0.2	10.1	10.3	1.3
19	16.1	21.3	18.3	90.5	19.041	16.7	1.0	0.0	1.0	2.3
20	14.0	22.6	18.8	83.0	17.809	15.6	0.0	0.0	0.0	2.5
21	17.1	22.0	19.3	86.1	19.442	17.0	0.0	0.0	0.0	0.1
22	16.5	23.2	19.3	86.8	19.452	17.1	0.0	0.9	0.9	7.0
23	16.8	22.0	19.6	93.1	21.300	18.5	0.0	0.0	0.0	1.8
24	15.5	23.3	19.1	88.3	19.899	17.4	0.0	0.0	0.0	6.0
25	13.6	23.5	19.0	82.5	18.233	16.0	0.0	0.0	0.0	5.6
26	12.5	24.5	20.0	78.9	17.785	15.6	0.0	0.0	0.0	10.1
27	17.3	24.9	21.5	79.9	20.456	17.8	0.0	2.2	2.2	5.6
28	17.3	22.9	19.4	93.4	21.153	18.4	0.8	0.0	0.8	3.1
29	17.5	22.4	19.7	86.9	19.913	17.4	0.0	0.0	0.0	8.0
30	16.5	23.5	19.5	89.1	20.557	17.8	0.0	1.0	1.0	5.2
Prom.	15.9	22.7	19.1	87.3	19.342	16.9	67.7	68.5	136.2	124.4

Estación GRANJA LIBANO

Municipio LIBANO

Año 1.971

Altitud 1.520 metros

Latitud 4-56 N.

Longitud 75-04 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	22.3	18.7	92.0	19.731	17.3	12.2	11.2	23.4	1.7
2	16.4	22.4	19.4	87.9	20.017	17.5	0.0	3.0	3.0	1.8
3	17.0	22.9	19.0	89.6	19.608	17.2	2.2	8.5	10.7	0.0
4	17.0	22.9	19.5	83.7	18.845	16.6	0.1	7.6	7.7	3.4
5	16.6	23.9	19.7	83.7	19.166	16.8	0.0	1.4	1.4	7.6
6	16.4	19.9	17.3	96.7	19.255	16.9	0.6	0.0	0.6	0.0
7	15.0	24.0	20.1	85.2	19.909	17.3	0.0	24.2	24.2	7.6
8	16.0	23.0	19.0	89.3	19.471	17.1	0.1	55.3	55.4	5.2
9	16.5	22.0	19.2	89.2	19.813	17.3	0.8	15.2	16.0	4.6
10	16.5	22.8	19.4	90.1	20.248	17.7	0.3	29.2	29.5	4.4
11	16.1	22.6	19.3	92.8	20.866	18.1	0.0	0.0	0.0	3.6
12	16.6	22.8	20.1	85.6	20.206	17.6	0.0	0.0	0.0	4.6
13	17.4	21.7	19.2	93.6	20.833	18.2	0.0	32.1	32.1	4.4
14	16.4	20.0	17.4	93.7	19.029	16.7	28.5	3.2	31.7	0.2
15	16.5	23.6	19.8	89.0	20.519	17.9	0.0	24.0	24.0	5.8
16	16.1	22.5	18.9	87.2	19.127	16.8	0.0	39.0	39.0	6.9
17	16.0	21.9	18.7	94.2	20.255	17.7	15.4	0.0	15.4	2.0
18	16.0	22.4	19.1	85.8	19.284	16.9	3.9	6.6	10.5	2.2
19	16.3	22.2	18.9	90.7	19.680	17.2	1.3	0.2	1.5	3.8
20	16.3	22.0	19.2	90.3	19.939	17.4	0.0	13.8	13.8	4.1
21	15.5	24.5	19.8	85.8	20.155	17.6	0.1	1.1	1.2	5.6
22	15.6	23.5	19.2	81.9	18.484	16.3	0.0	3.6	3.6	4.5
23	16.0	20.8	17.7	91.0	18.471	16.2	21.5	0.0	21.5	0.3
24	13.0	24.5	19.5	81.7	18.371	16.1	0.0	42.2	42.2	9.1
25	16.8	23.5	19.9	88.5	20.648	18.0	0.0	28.1	28.1	6.0
26	16.3	22.5	19.0	77.8	17.143	15.0	0.0	0.0	0.0	4.8
27	15.6	24.8	20.4	84.0	20.239	17.7	0.0	4.6	4.6	6.7
28	17.1	23.0	20.0	87.0	20.308	17.7	0.0	0.0	0.0	5.8
29	17.0	23.8	20.0	86.0	20.019	17.5	0.0	13.7	13.7	6.5
30	16.3	19.0	17.3	96.7	19.272	16.9	0.0	0.0	0.0	0.0
31	16.0	23.0	19.7	79.8	18.193	16.0	0.0	0.1	0.1	10.3
Prom.	16.2	22.6	19.2	88.1	19.586	17.1	87.0	367.9	454.9	133.5

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	23.5	20.0	85.9	20.125	17.6	0.0	2.6	2.6	7.2
2	17.5	22.6	19.5	89.5	20.302	17.7	0.0	0.0	0.0	1.9
3	16.6	23.0	20.0	89.2	20.787	18.1	0.0	0.0	0.0	4.5
4	15.6	25.3	21.3	74.1	18.795	16.5	0.0	0.2	0.2	9.4
5	16.6	23.5	19.7	91.6	21.037	18.3	0.0	12.1	12.1	6.9
6	17.0	22.5	19.7	89.2	20.577	17.9	0.0	0.0	0.0	3.6
7	16.5	22.0	17.4	89.4	17.850	15.7	10.1	0.0	10.1	1.5
8	15.0	25.0	20.1	80.6	18.962	16.6	0.0	0.0	0.0	8.9
9	17.1	24.5	19.7	86.4	19.696	17.2	0.1	0.0	0.1	2.5
10	15.6	24.0	20.3	87.3	20.915	18.2	0.0	0.0	0.0	0.5
11	14.4	25.0	21.2	77.5	19.501	17.0	0.0	2.3	2.3	10.9
12	16.6	22.0	17.1	93.7	18.234	16.0	4.4	0.0	4.4	0.6
13	14.6	21.2	18.6	83.9	17.892	15.7	0.0	0.0	0.0	4.0
14	14.6	24.5	19.5	88.0	19.678	17.2	0.0	0.0	0.0	8.7
15	16.0	23.0	19.1	77.4	17.319	15.2	0.1	0.0	0.1	5.7
16	16.0	24.6	20.1	76.7	17.938	15.6	0.0	1.1	1.1	5.3
17	15.6	23.9	20.1	82.1	19.307	16.9	0.0	0.4	0.4	6.9
18	16.0	21.2	18.5	87.8	18.735	16.5	1.5	0.2	1.7	0.8
19	15.6	23.4	18.9	84.6	18.448	16.2	0.0	0.0	0.0	3.4
20	11.5	24.5	18.9	68.5	14.605	12.4	0.0	0.0	0.0	8.0
21	14.6	24.7	20.4	80.5	19.337	16.9	0.0	0.1	0.1	8.9
22	16.0	19.9	18.2	89.8	18.844	16.6	4.1	0.0	4.1	2.0
23	16.3	23.6	19.8	87.1	20.172	17.6	0.0	4.5	4.5	7.4
24	17.0	22.6	18.8	85.1	18.515	16.3	0.0	0.0	0.0	5.0
25	16.0	24.6	20.2	79.9	18.888	16.6	0.0	14.0	14.0	9.3
26	15.8	21.0	18.4	87.2	18.515	16.2	0.0	0.0	0.0	3.5
27	16.0	21.9	18.9	90.0	19.710	17.3	29.5	4.6	34.1	2.5
28	16.3	22.0	19.2	88.5	19.619	17.2	0.0	1.0	1.0	6.1
29	17.0	20.5	18.4	89.2	18.915	16.6	0.0	0.0	0.0	2.2
30	15.6	22.8	20.1	77.6	18.179	16.0	0.0	0.0	0.0	8.1
Prom.	15.9	23.1	19.4	84.6	19.047	16.7	49.8	43.1	92.9	156.2

Estación GRANJA LIBANO

Municipio LIBANO

Año 1.971

Altitud 1.520 metros

Latitud 4-56 N.

Longitud 75-04 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.8	22.8	19.5	87.8	19.887	17.4	0.0	0.0	0.0	2.4
2	16.8	22.0	19.2	89.0	19.651	17.2	0.0	0.0	0.0	5.4
3	16.8	23.3	19.7	78.0	17.764	15.6	0.0	0.2	0.2	5.5
4	17.0	20.6	18.1	87.6	18.290	16.1	0.6	0.2	0.8	1.2
5	15.4	24.6	20.4	78.0	18.196	15.9	0.1	5.5	5.6	9.6
6	15.0	23.5	20.2	86.6	20.361	17.7	0.4	19.6	20.0	8.1
7	16.7	22.4	18.8	93.8	20.255	17.7	0.0	0.1	0.1	0.9
8	14.9	24.5	20.1	79.3	18.571	16.2	0.0	2.9	2.9	9.2
9	16.8	24.0	20.7	83.4	20.205	17.6	0.0	0.0	0.0	10.0
10	15.4	22.1	19.0	84.3	18.359	16.2	0.0	0.0	0.0	3.1
11	14.0	23.0	19.6	82.0	18.406	16.2	0.0	0.0	0.0	6.7
12	16.0	23.0	19.8	81.4	18.396	16.1	0.0	10.8	10.8	6.2
13	16.7	23.0	19.6	84.8	19.031	16.7	0.0	1.4	1.4	6.2
14	16.3	21.5	17.9	91.3	18.838	16.6	0.0	0.0	0.0	2.3
15	14.5	23.0	18.3	70.9	14.520	12.5	0.0	0.0	0.0	9.0
16	12.5	23.0	18.3	61.6	12.790	10.6	0.0	0.0	0.0	10.6
17	12.5	24.5	19.5	70.5	15.207	13.1	0.0	0.0	0.0	9.8
18	14.0	22.1	18.2	81.5	16.991	14.9	0.0	0.0	0.0	9.7
19	14.0	24.5	19.7	77.2	16.971	14.8	0.0	0.0	0.0	10.6
20	15.0	23.5	19.4	82.1	18.259	16.0	0.0	0.0	0.0	3.1
21	13.5	23.5	20.1	74.9	17.337	15.2	0.0	0.0	0.0	3.2
22	16.6	25.0	20.4	75.2	18.048	15.8	0.0	0.0	0.0	6.7
23	15.1	25.0	20.5	67.8	15.956	14.0	0.0	0.0	0.2	9.3
24	15.6	24.4	19.5	83.5	18.687	16.4	0.0	0.0	0.0	7.1
25	13.9	25.4	20.2	78.0	18.676	16.4	0.0	8.2	8.2	9.7
26	14.9	23.6	20.1	83.5	19.075	16.6	4.1	12.6	16.7	6.6
27	14.3	23.6	20.0	79.6	18.719	16.4	0.0	1.7	1.7	10.7
28	14.5	21.2	18.1	90.7	18.653	16.4	4.7	0.0	4.7	1.5
29	13.0	23.9	19.4	78.5	17.295	15.2	0.0	0.0	0.0	9.3
30	16.4	22.0	19.5	86.0	19.600	17.1	0.0	0.0	0.0	6.6
31	14.1	21.0	18.8	88.7	19.252	16.9	0.5	0.0	0.5	3.0
Prom.	15.1	23.2	19.4	81.2	18.137	15.9	10.4	63.4	73.8	203.3

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	21.6	19.8	81.6	18.742	16.4	0.0	0.0	0.0	3.6
2	14.0	22.0	18.9	77.9	16.629	14.5	0.0	0.0	0.0	3.7
3	14.0	23.4	19.8	79.3	18.119	15.9	0.0	16.6	16.6	6.0
4	15.0	22.0	18.4	87.5	18.321	16.0	0.9	5.2	6.1	4.7
5	15.6	21.0	17.6	91.6	18.473	16.3	0.0	0.0	0.0	3.2
6	14.5	22.0	18.5	84.5	17.845	15.7	1.5	0.0	1.5	3.1
7	14.9	23.9	19.9	80.2	18.502	16.2	0.0	2.7	2.7	7.0
8	15.5	19.0	17.1	94.9	18.489	16.3	0.3	0.0	0.3	0.4
9	13.0	22.9	19.4	79.3	17.585	15.4	0.0	0.0	0.0	9.8
10	15.6	23.5	19.7	79.5	17.963	15.8	0.0	0.0	0.0	5.7
11	14.9	24.0	20.8	73.0	17.623	15.5	0.0	7.8	7.8	11.0
12	14.5	19.0	17.3	87.9	17.395	15.3	13.4	0.0	13.4	1.8
13	12.0	23.8	19.2	81.5	17.646	15.5	0.0	0.0	0.0	8.5
14	15.6	19.9	17.0	90.3	17.599	15.5	8.6	0.0	8.6	1.1
15	14.3	20.0	17.2	96.1	18.810	16.6	6.7	0.0	6.7	2.2
16	15.4	22.6	19.7	83.3	18.850	16.6	0.0	27.2	27.2	7.3
17	14.5	23.0	19.3	85.0	18.883	16.5	0.2	10.3	10.5	5.4
18	16.2	24.0	20.2	81.9	19.079	16.8	8.0	0.0	8.0	6.0
19	15.5	22.0	18.9	90.8	19.812	17.3	0.0	0.0	0.0	2.2
20	14.9	23.3	19.4	85.1	18.875	16.5	0.0	0.0	0.0	5.1
21	16.5	23.4	19.7	88.4	20.240	17.7	0.0	5.1	5.1	4.2
22	16.4	23.0	18.2	81.4	17.159	15.1	0.1	0.0	0.1	6.1
23	13.2	24.5	20.5	78.8	18.643	16.3	0.0	5.2	5.2	9.1
24	16.3	23.9	19.5	77.3	17.477	15.3	0.0	0.0	0.0	6.3
25	15.0	24.0	20.0	75.5	17.510	15.4	0.0	6.6	6.6	6.1
26	16.1	19.5	18.3	89.3	18.774	16.5	0.0	6.7	6.7	0.4
27	16.4	23.0	19.2	83.9	18.419	16.2	0.0	0.0	0.0	2.4
28	16.0	23.4	20.2	82.3	19.324	17.0	0.0	0.0	0.0	8.9
29	14.0	23.0	18.9	86.5	18.782	16.5	13.7	0.0	13.7	6.6
30	16.0	23.6	20.4	74.3	17.827	15.7	0.0	0.0	0.0	5.9
31	14.1	24.9	20.6	76.3	18.475	16.2	0.0	33.5	33.5	9.0
Prom.	15.0	22.6	19.1	83.4	18.318	16.1	53.4	126.9	180.3	162.8

Estación **GRANJA LIBANO**Municipio **LIBANO**Año **1.971**Altitud **1.520** metrosLatitud **4-56 N.**Longitud **75-04 W.****M E S - SEPTIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.6	21.0	19.1	91.1	20.089	17.6	1.2	0.0	1.2	0.4
2	16.0	24.0	19.0	85.7	18.786	16.5	0.2	0.3	0.5	6.0
3	15.0	23.0	19.6	78.7	17.530	15.4	0.0	16.1	16.1	3.9
4	16.0	21.5	18.5	93.0	19.943	17.4	0.0	0.0	0.0	2.6
5	15.5	22.0	18.7	85.4	18.164	16.0	0.0	0.0	0.0	3.6
6	16.3	21.3	18.6	86.2	18.389	16.2	0.0	0.0	0.0	4.0
7	13.0	23.5	19.2	75.4	16.808	14.8	1.2	11.6	12.8	4.8
8	15.6	20.5	18.3	88.3	18.424	16.2	0.0	0.2	0.2	4.1
9	15.3	22.5	18.7	85.9	18.553	16.3	0.1	7.8	7.9	2.6
10	14.7	22.0	18.6	79.5	16.949	14.8	0.0	0.0	0.0	4.2
11	12.0	24.0	19.7	78.7	17.743	15.5	0.0	0.0	0.0	8.0
12	14.0	24.2	20.1	75.2	17.576	15.5	0.0	24.3	24.3	8.3
13	14.7	22.6	18.5	80.6	17.305	15.2	0.0	0.0	0.0	4.4
14	15.0	23.5	19.5	79.9	18.208	16.0	0.0	0.0	0.0	8.4
15	15.9	23.5	19.1	79.7	17.556	15.4	0.0	7.1	7.1	7.5
16	16.1	22.2	19.5	84.1	18.778	16.5	0.0	0.1	0.1	5.9
17	16.6	22.0	19.0	83.4	18.102	15.9	0.0	0.0	0.0	4.7
18	15.4	22.0	18.8	84.9	18.177	16.0	0.0	0.0	0.0	2.0
19	16.0	21.0	18.8	91.3	19.713	17.3	0.0	0.0	0.0	2.4
20	16.5	23.2	19.3	85.0	18.799	16.5	0.0	10.1	10.1	4.5
21	16.0	21.4	18.6	88.5	19.006	16.7	19.3	0.0	19.3	2.3
22	14.0	24.0	19.4	87.3	19.483	17.0	0.0	0.0	0.0	9.0
23	15.1	24.6	21.2	79.2	19.504	17.1	0.0	0.0	0.0	9.7
24	15.6	23.0	19.7	84.7	19.499	17.1	1.4	0.0	1.4	3.6
25	12.0	23.5	19.2	81.7	17.788	15.5	0.0	0.0	0.0	8.7
26	16.3	21.5	18.9	88.4	19.329	16.8	0.0	0.0	0.0	3.0
27	13.0	24.9	20.5	83.2	19.569	17.1	0.1	7.9	8.0	9.2
28	15.0	25.0	21.0	82.0	20.144	17.6	0.0	30.2	30.2	7.5
29	15.4	22.6	19.6	92.6	20.987	18.2	0.2	9.2	9.4	5.1
30	16.4	21.5	18.8	90.0	19.651	17.2	2.0	32.2	34.2	4.0
Prom.	15.1	22.7	19.3	84.3	18.685	16.4	25.7	157.1	182.8	154.4

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.4	19.5	17.7	93.2	18.807	16.5	4.0	0.0	4.0	0.0
2	14.5	21.0	18.5	92.9	19.641	17.2	0.6	0.4	1.0	0.7
3	15.6	19.5	17.9	92.6	18.958	16.7	44.2	0.0	44.2	0.2
4	15.5	21.4	18.5	89.1	19.046	16.7	1.0	1.2	2.2	2.5
5	16.0	22.0	19.4	89.6	19.907	17.4	0.0	7.1	7.1	5.9
6	16.0	22.6	20.6	84.4	20.547	17.9	0.0	12.1	12.1	9.5
7	15.0	22.0	19.2	83.3	18.556	16.2	0.1	0.5	0.6	8.0
8	14.0	23.1	19.9	84.9	19.596	17.2	0.0	4.2	4.2	6.8
9	15.2	24.7	20.3	82.7	19.527	17.0	0.0	7.8	7.8	6.6
10	15.6	22.0	19.3	84.4	18.891	16.6	0.0	17.3	17.3	5.4
11	15.3	21.5	18.6	92.0	19.627	17.2	0.3	0.0	0.3	0.9
12	15.4	23.2	20.0	86.2	19.927	17.4	0.0	10.8	10.8	5.9
13	15.6	23.2	19.2	84.2	18.637	16.4	5.5	0.9	6.4	4.8
14	16.0	22.3	18.5	85.4	18.137	16.0	0.0	2.6	2.6	4.8
15	14.5	22.5	19.4	83.2	18.436	16.3	0.0	28.5	28.5	6.4
16	14.1	22.0	17.9	86.2	17.760	15.6	0.0	3.4	3.4	3.1
17	14.5	21.4	17.8	87.9	17.973	15.8	11.4	0.0	11.4	4.6
18	14.5	21.6	18.4	88.8	18.626	16.4	1.6	83.6	85.2	2.2
19	15.5	21.6	18.8	87.7	18.832	16.5	1.0	15.9	16.9	3.7
20	16.5	21.0	19.4	91.4	20.451	17.8	0.1	10.1	10.2	3.7
21	14.2	23.5	19.3	82.8	18.796	16.3	0.0	4.8	4.8	8.5
22	16.0	22.0	19.4	89.3	19.859	17.4	3.6	1.8	5.4	3.6
23	15.6	22.2	18.7	77.4	16.896	14.8	1.8	0.0	1.8	3.9
24	14.7	22.8	18.8	73.9	16.134	14.1	0.0	0.7	0.7	5.6
25	16.0	22.0	19.1	88.6	19.562	17.1	0.0	0.0	0.0	2.8
26	13.6	21.2	18.3	90.9	19.152	16.7	12.1	0.0	12.1	5.3
27	14.5	22.0	19.6	85.7	19.520	17.0	0.2	10.1	10.3	5.7
28	14.0	22.0	19.2	88.6	19.614	17.2	0.4	0.3	0.7	4.1
29	16.0	22.7	19.2	87.6	19.389	17.0	7.8	16.7	24.5	3.2
30	15.4	22.6	19.2	86.5	19.357	16.9	1.4	1.6	3.0	3.3
31	16.0	20.6	18.6	85.8	18.390	16.2	0.0	2.4	2.4	0.5
Prom.	15.2	22.0	19.0	86.7	18.987	16.6	97.1	244.8	341.9	133.8

Estación GRANJA LIBANO

Municipio LIBANO

Año 1.971

Altitud 1.520 metros

Latitud 4-56 N.

Longitud 75-04 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	21.4	18.3	90.1	18.926	16.6	4.2	0.5	4.7	1.3
2	15.4	22.0	18.2	93.3	19.967	17.4	0.0	0.0	0.0	2.7
3	14.0	20.3	18.6	93.3	20.026	17.5	1.2	0.0	1.2	1.7
4	16.1	22.0	19.0	89.7	19.609	17.2	3.3	0.3	2.6	2.4
5	15.4	20.7	18.2	94.0	19.715	17.2	10.6	16.6	27.2	2.3
6	15.6	22.6	19.2	85.3	18.834	16.6	0.0	0.0	0.0	4.5
7	15.4	22.9	19.3	87.9	19.637	17.2	0.0	23.5	23.5	6.5
8	15.3	22.2	19.7	89.9	20.332	17.7	0.1	28.3	28.4	5.3
9	15.4	19.9	18.0	90.0	18.506	16.3	4.2	0.0	4.2	0.0
10	15.0	21.5	19.2	87.6	19.190	16.8	0.0	0.0	0.0	2.7
11	14.0	21.6	18.4	87.9	18.620	16.3	0.0	0.0	0.0	4.1
12	12.0	23.0	19.1	86.5	19.409	16.8	0.0	0.9	0.9	7.7
13	15.6	23.0	20.0	88.9	20.914	18.2	0.0	2.3	2.3	7.4
14	15.6	22.9	18.1	91.4	19.101	16.8	2.5	1.6	4.1	4.4
15	14.0	21.0	19.0	90.9	19.937	17.4	0.0	0.0	0.0	4.4
16	15.2	23.5	19.6	87.8	19.927	17.4	0.0	0.0	0.0	6.4
17	16.5	21.9	18.4	90.8	19.274	16.9	5.3	0.0	5.3	2.3
18	15.0	21.0	18.4	87.6	18.768	16.4	13.2	0.3	13.5	5.3
19	15.0	18.2	17.0	93.0	18.065	15.9	4.1	1.7	5.8	0.0
20	15.4	20.0	18.0	88.9	18.431	16.2	0.2	0.0	0.2	2.7
21	15.2	20.0	17.7	84.1	17.014	15.0	0.7	1.9	2.6	1.3
22	15.5	21.5	18.1	86.5	17.976	15.8	0.0	0.5	0.5	1.6
23	14.5	22.4	19.7	80.9	18.370	16.1	0.0	0.7	0.7	8.1
24	14.5	22.7	19.3	85.8	18.862	16.5	0.0	1.5	1.5	6.7
25	14.5	23.0	18.8	88.7	19.306	16.9	0.0	1.1	1.1	4.9
26	16.0	21.8	19.4	88.0	19.790	17.3	0.0	5.7	5.7	5.8
27	13.6	22.0	18.0	92.3	19.132	16.7	1.2	0.0	1.2	4.4
28	14.5	18.5	16.8	95.1	18.189	16.0	22.7	0.0	22.7	0.0
29	12.0	20.4	18.5	83.6	17.778	15.5	0.0	0.0	0.0	1.4
30	14.0	22.6	19.8	84.8	19.842	17.3	0.0	0.0	0.0	7.3
Prom.	14.9	21.6	18.7	88.8	19.115	16.7	72.5	87.4	159.9	115.6

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	13.0	23.3	19.8	81.4	18.684	16.3	0.0	0.0	0.0	7.1
2	13.3	22.9	18.7	88.7	19.119	16.7	0.0	0.0	0.0	5.1
3	15.0	22.5	18.5	88.6	19.106	16.8	0.0	0.0	0.0	5.3
4	14.8	21.0	18.1	87.3	18.193	15.9	21.3	0.1	21.4	3.2
5	14.0	23.4	18.7	84.1	17.716	15.6	0.0	0.0	0.0	8.0
6	14.0	23.6	19.6	84.9	18.982	16.6	0.0	0.0	0.0	9.0
7	16.5	24.0	19.9	83.1	19.205	16.9	0.0	0.0	0.0	7.7
8	15.3	22.0	18.9	85.0	18.652	16.4	0.0	0.0	0.0	4.2
9	11.6	23.0	18.7	79.2	16.999	14.8	0.0	0.0	0.0	8.6
10	13.4	22.5	19.1	86.3	19.072	16.7	0.0	6.3	6.3	5.7
11	13.9	22.5	19.6	81.1	18.362	16.1	1.4	0.0	1.4	6.7
12	13.8	23.0	20.0	79.3	18.462	16.1	0.0	11.0	11.0	8.5
13	14.8	23.9	19.8	84.7	19.637	17.2	5.1	13.0	18.1	5.7
14	16.5	23.0	19.9	80.1	18.545	16.3	0.0	0.0	0.0	7.3
15	15.1	23.0	19.2	78.5	17.491	15.3	0.0	6.6	6.6	5.7
16	16.6	21.0	19.1	87.3	19.179	16.8	16.0	0.0	16.0	1.3
17	15.1	21.0	18.5	84.7	18.062	15.9	0.2	1.3	1.5	2.3
18	16.0	20.5	17.1	89.0	17.455	15.4	2.1	0.0	2.1	0.0
19	15.0	21.5	18.2	89.4	18.711	16.4	0.0	0.0	0.0	2.6
20	15.0	22.5	19.2	88.8	19.600	17.1	0.0	0.2	0.2	4.3
21	16.0	20.0	17.6	88.7	17.878	15.7	0.0	0.6	0.6	0.0
22	14.8	20.5	17.6	82.2	16.538	14.5	0.6	3.8	4.4	0.7
23	16.0	18.2	17.0	89.8	17.587	15.5	3.4	0.1	3.5	0.7
24	15.1	20.2	18.0	88.0	18.059	15.8	0.0	5.6	5.6	0.8
25	15.0	21.0	18.2	87.5	18.341	16.1	0.0	0.0	0.0	3.1
26	13.6	21.2	18.6	88.7	19.144	16.8	22.1	20.2	42.3	5.1
27	14.8	20.5	17.8	85.8	17.435	15.3	10.0	40.8	50.8	0.9
28	15.0	22.6	19.3	80.1	17.734	15.6	0.0	14.6	14.6	7.2
29	14.4	20.9	17.8	89.5	18.437	16.2	0.1	1.2	1.3	2.2
30	15.6	22.0	19.0	88.2	19.517	17.1	0.0	0.0	0.0	6.0
31	15.8	21.8	18.4	84.9	18.134	15.9	0.0	0.0	0.0	4.6
Prom.	14.8	21.9	18.7	85.3	18.388	16.1	82.3	125.4	207.7	139.6

Estación **GRANJA LIBANO**Municipio **LIBANO**Año **1.971**Altitud **1.520** MetrosLatitud **4-56 N.**Longitud **75-04 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tension vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	15.1	21.7	18.3	12.7	24.3	86.7	18.250	16.0	248.8	20	88.8
FEBRERO	15.3	21.6	18.4	13.6	25.3	85.9	18.123	15.9	235.3	18	92.3
MARZO	16.0	22.2	18.9	14.1	24.2	88.6	19.267	16.9	360.5	24	98.9
ABRIL	15.9	22.7	19.1	12.5	24.9	87.3	19.342	16.9	136.2	17	124.4
MAYO	16.2	22.6	19.2	13.0	24.8	88.1	19.586	17.1	454.9	26	133.5
JUNIO	15.9	23.1	19.4	11.5	25.3	84.6	19.047	16.7	92.9	17	156.2
JULIO	15.1	23.2	19.4	12.5	25.4	81.2	18.137	15.9	73.8	14	203.3
AGOSTO	15.0	22.6	19.1	12.0	24.9	83.4	18.318	16.1	180.3	19	162.8
SEPTIEMBRE	15.1	22.7	19.3	12.0	25.0	84.3	18.685	16.4	182.8	16	154.4
OCTUBRE	15.2	22.0	19.0	13.6	24.7	86.7	18.987	16.6	341.9	30	133.8
NOVIEMBRE	14.9	21.6	18.7	12.0	23.5	88.8	19.115	16.7	159.9	22	115.6
DICIEMBRE	14.8	21.9	18.7	11.6	24.0	85.3	18.388	16.1	207.7	18	139.6
PROMEDIO	15.4	22.3	19.0	12.6	24.7	2.6	18.770	16.4			
TOTAL									2675.0	241	1603.6

Estación CHAPETON

Municipio IBAGUE

Año 1.971

Altitud 1.300 metros

Latitud 4-27 N.

Longitud 75-16 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.1	26.9	21.7	68.9	17.552	15.4	0.0	0.0	0.0	5.5
2	16.5	27.5	21.3	68.1	17.306	15.2	0.0	0.0	0.0	7.6
3	16.1	27.8	21.6	69.3	18.049	15.9	0.0	0.0	0.0	6.5
4	17.5	24.8	19.8	81.6	18.854	16.5	0.0	4.7	4.7	0.4
5	17.0	23.5	19.2	94.3	20.959	18.3	23.0	1.2	24.2	0.3
6	16.9	23.5	19.2	89.5	19.918	17.5	4.4	0.0	4.4	1.9
7	17.3	20.9	18.3	94.8	20.081	17.6	12.1	0.1	12.2	0.0
8	16.6	22.0	18.3	91.9	19.366	17.0	7.9	8.9	16.8	0.9
9	16.5	22.9	19.4	88.2	19.805	17.3	0.0	0.0	0.0	1.0
10	15.4	25.0	19.2	93.7	20.738	18.0	5.6	0.0	5.6	1.1
11	14.3	24.9	19.6	81.8	18.566	16.3	0.0	0.6	0.6	5.6
12	15.9	26.5	19.3	90.3	20.360	17.8	0.8	0.0	0.8	4.5
13	15.0	25.3	20.2	82.0	19.199	16.8	0.0	0.9	0.9	1.9
14	17.0	25.6	19.9	88.0	20.271	17.7	22.5	0.0	22.5	6.3
15	15.5	24.4	19.8	83.6	19.205	16.8	0.0	0.0	0.0	3.8
16	15.4	25.0	19.6	81.9	18.494	16.2	0.0	0.0	0.0	5.5
17	14.0	22.9	18.8	84.3	17.859	15.7	0.0	0.0	0.0	3.0
18	15.4	23.9	20.0	86.0	19.608	17.1	3.1	0.8	3.9	1.7
19	17.0	22.0	18.7	94.3	20.358	17.8	7.7	27.3	35.0	1.2
20	16.0	22.5	18.7	96.2	20.913	18.2	32.0	2.4	34.4	2.7
21	17.3	22.2	18.7	94.4	20.604	18.0	0.8	0.0	0.8	0.6
22	16.1	24.4	19.4	87.5	19.794	17.4	0.0	0.0	0.0	4.0
23	15.0	26.4	19.8	80.3	18.218	16.0	0.0	0.0	0.0	8.3
24	14.5	25.6	19.4	79.9	17.822	15.6	0.0	0.3	0.3	7.8
25	16.0	26.0	20.4	89.8	21.348	18.5	0.1	0.3	0.4	5.5
26	16.6	23.5	19.0	93.4	20.523	17.9	0.0	0.0	0.0	2.3
27	15.9	25.0	19.9	88.7	20.878	18.2	0.0	2.0	2.0	2.0
28	15.8	24.4	19.4	89.2	20.258	17.7	0.0	0.0	0.0	0.9
29	17.1	24.0	19.7	84.6	19.638	17.2	0.0	0.1	0.1	3.1
30	17.3	25.0	19.5	87.2	19.991	17.5	0.0	0.0	0.0	1.3
31	14.9	26.6	21.3	79.2	19.999	17.3	0.0	0.0	0.0	8.3
Prom.	16.1	24.5	19.6	85.9	19.566	17.1	120.0	49.6	169.6	105.5

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.9	26.4	20.9	86.9	21.101	18.3	0.8	27.4	28.2	5.8
2	15.9	24.4	19.9	92.9	21.539	18.6	3.9	11.2	15.1	3.4
3	17.0	22.6	19.4	89.6	20.304	17.7	1.9	0.0	1.9	0.1
4	15.5	26.6	20.9	88.1	21.669	18.7	0.0	0.5	0.5	5.8
5	16.5	23.8	19.6	92.8	21.065	18.3	9.4	9.6	19.0	1.9
6	14.9	23.9	19.1	90.4	19.983	17.5	0.4	0.0	0.4	3.6
7	16.0	23.9	19.2	93.2	20.411	17.8	7.5	0.0	7.5	3.2
8	16.5	24.5	19.9	95.6	22.319	19.1	0.0	0.0	0.0	4.6
9	16.5	24.9	19.7	89.1	20.656	18.0	1.5	2.8	4.3	4.7
10	16.3	23.0	19.0	91.7	20.210	17.7	2.5	0.0	2.5	2.1
11	15.0	24.5	18.6	88.0	19.148	16.8	0.0	0.2	0.2	5.7
12	16.0	24.4	19.6	85.2	19.404	17.0	0.0	0.0	0.0	1.9
13	16.5	24.6	18.8	89.1	19.450	17.0	0.0	0.0	0.0	2.7
14	14.5	24.1	18.4	92.5	19.684	17.1	0.0	0.2	0.2	3.2
15	15.5	24.9	18.6	93.4	20.300	17.7	13.7	0.0	13.7	3.6
16	14.5	23.5	19.1	86.6	19.219	16.8	0.0	0.0	0.0	1.9
17	16.5	22.0	19.1	91.6	20.223	17.7	0.0	9.4	9.4	0.8
18	16.0	22.0	19.4	92.2	20.750	18.1	1.5	14.8	16.3	0.0
19	16.5	23.0	18.7	94.2	20.597	17.9	0.0	0.0	0.0	0.5
20	15.5	24.5	19.2	83.0	18.698	16.4	0.0	1.7	1.7	3.2
21	15.4	24.8	18.4	93.9	19.804	17.4	4.6	7.0	11.6	1.9
22	16.0	21.2	18.3	94.8	19.868	17.4	3.1	0.0	3.1	0.0
23	14.5	24.4	19.0	86.9	19.310	16.9	0.0	0.0	0.0	3.1
24	13.0	25.5	19.3	83.9	18.605	16.3	0.0	0.0	0.0	7.6
25	13.5	27.0	20.8	72.7	17.894	15.7	0.0	0.0	0.0	9.8
26	17.0	25.0	19.7	85.8	20.106	17.6	0.0	0.0	0.0	1.0
27	14.0	27.5	20.5	80.3	18.901	16.6	0.0	0.0	0.0	8.6
28	16.4	25.4	20.7	86.3	20.950	18.2	0.0	0.0	0.0	5.2
Prom.	15.6	24.4	19.4	89.0	20.077	17.5	50.8	84.8	135.6	95.9

Estación CHAPETON

Municipio IBAGUE

Año 1.971

Altitud 1.300 metros

Latitud 4-27 N.

Longitud 75-16 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	14.0	25.2	20.1	84.8	20.089	17.5	0.0	0.0	0.0	2.3
2	15.0	25.0	19.5	93.4	20.995	18.2	8.3	0.0	8.3	4.9
3	16.0	25.0	20.3	87.4	20.650	18.0	1.9	3.1	5.0	4.8
4	16.5	22.0	19.0	90.9	19.838	17.4	0.2	0.0	0.2	1.1
5	16.3	25.5	19.4	90.6	20.244	17.7	0.1	0.0	0.1	3.2
6	14.6	25.0	20.2	84.0	19.710	17.3	0.0	0.0	0.0	3.7
7	15.5	25.5	19.7	81.6	18.928	16.6	0.3	0.0	0.3	2.1
8	15.0	26.0	20.2	84.7	19.998	17.5	0.6	11.3	11.9	1.4
9	16.5	26.5	20.4	89.6	21.643	18.7	0.1	0.0	0.1	3.6
10	16.5	25.0	20.5	85.3	20.549	17.9	0.0	0.0	0.0	0.0
11	16.5	24.5	20.2	93.5	22.171	19.1	9.2	26.1	35.3	1.9
12	16.5	22.0	18.7	96.2	20.748	18.1	3.4	0.0	3.4	0.4
13	14.5	26.5	20.4	88.2	21.277	18.3	0.0	2.3	2.3	8.3
14	15.6	25.9	21.1	92.5	22.990	19.6	0.3	4.6	4.9	5.2
15	17.0	23.0	19.7	89.1	20.448	17.9	0.0	22.5	22.5	0.9
16	17.0	25.0	20.4	84.1	20.313	17.8	9.3	1.2	10.5	1.1
17	16.5	24.5	19.5	88.7	19.855	17.4	1.8	21.9	23.7	1.6
18	16.5	24.5	20.0	87.2	20.362	17.7	1.4	11.2	12.6	1.7
19	17.0	24.6	20.3	88.4	20.749	18.0	6.1	14.7	20.8	3.5
20	15.9	22.0	18.6	95.4	20.348	17.7	8.7	1.6	10.3	0.5
21	17.0	24.6	19.3	90.5	20.464	17.9	5.8	0.0	5.8	3.6
22	14.5	25.0	19.6	85.9	19.988	17.3	0.0	0.0	0.0	5.8
23	16.6	25.0	20.2	91.6	22.047	18.9	24.9	13.5	38.4	0.9
24	16.3	24.5	19.9	88.0	20.497	17.8	0.7	3.4	4.1	4.5
25	16.5	24.9	20.5	86.3	20.670	18.0	0.1	26.7	26.8	3.2
26	17.0	23.9	19.4	90.0	20.487	17.9	0.0	0.0	0.0	0.6
27	16.0	26.4	21.1	86.8	21.414	18.5	0.0	2.2	2.2	7.0
28	16.0	25.6	19.5	90.7	20.983	18.2	39.5	2.7	42.2	5.6
29	16.5	21.0	19.1	93.6	20.706	18.0	1.3	0.0	1.3	0.2
30	16.0	24.9	19.9	87.3	20.121	17.6	0.7	0.0	0.7	2.4
31	16.5	24.2	18.9	92.2	20.075	17.6	0.4	0.2	0.6	2.4
Prom.	16.1	24.6	19.9	89.0	20.624	17.9	125.1	169.2	294.3	88.4

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Minima	Máxima	Media				Día	Noche	Total	
1	16.4	22.5	18.4	97.4	20.753	18.1	6.9	0.3	7.2	0.5
2	15.0	22.3	19.1	86.3	19.183	16.7	0.3	0.9	1.2	2.9
3	16.0	21.0	18.5	94.7	20.075	17.6	0.7	0.0	0.7	0.2
4	14.5	24.0	19.0	84.5	18.719	16.4	10.7	0.0	10.7	7.1
5	14.4	25.0	19.2	90.4	20.138	17.5	0.0	3.9	3.9	7.0
6	16.5	26.5	20.3	88.7	21.046	18.3	0.0	0.0	0.0	3.7
7	14.0	25.8	20.1	85.1	20.042	17.4	0.0	1.7	1.7	6.4
8	15.4	24.6	19.7	91.3	20.737	18.0	0.1	1.7	1.8	5.8
9	15.9	23.0	19.4	93.0	21.016	18.3	14.4	0.0	14.4	3.4
10	15.4	25.4	19.5	85.9	19.616	17.1	0.0	0.0	0.0	7.7
11	15.6	26.4	19.5	82.7	18.786	16.4	0.0	0.0	0.0	4.8
12	16.3	26.0	20.7	83.0	20.512	17.8	0.0	0.0	0.0	8.2
13	16.5	25.7	19.6	86.3	19.648	17.2	0.0	0.0	0.0	1.9
14	15.5	25.7	19.8	81.7	19.165	16.7	1.8	0.0	1.8	0.6
15	15.5	24.2	19.6	88.9	20.731	18.0	2.4	0.0	2.4	1.5
16	15.0	26.5	20.3	81.8	19.710	17.0	0.0	0.0	0.0	8.0
17	15.0	25.0	19.2	80.3	18.057	15.7	3.4	7.4	10.8	3.4
18	15.8	22.2	19.1	90.9	20.004	17.5	4.1	15.9	20.0	0.0
19	16.5	24.5	19.3	91.4	20.425	17.8	2.1	0.0	2.1	1.4
20	14.5	25.0	20.4	86.8	20.958	18.2	0.2	9.7	9.9	4.9
21	16.5	22.5	19.2	96.0	21.392	18.6	0.8	0.0	0.8	0.0
22	15.5	24.0	20.3	88.7	21.321	18.5	0.0	62.6	62.6	1.9
23	15.5	24.3	20.0	92.4	21.673	18.7	0.3	0.0	0.3	1.7
24	15.0	25.4	20.5	78.4	18.981	16.6	0.0	0.0	0.0	4.0
25	14.5	26.9	20.5	76.8	18.541	16.3	0.0	0.0	0.0	6.2
26	14.5	27.3	20.5	80.4	19.110	16.7	0.0	2.3	2.3	7.4
27	16.0	26.5	20.8	81.5	20.104	17.6	0.0	10.1	10.1	3.2
28	16.0	25.5	19.9	80.8	18.817	16.5	7.3	0.0	7.3	4.7
29	16.0	26.6	20.0	81.5	19.065	16.7	0.5	0.0	0.5	7.5
30	14.5	26.0	20.7	75.6	18.678	16.3	0.0	0.0	0.0	3.8
Prom.	15.5	24.9	19.8	86.1	19.900	17.3	56.0	116.5	172.5	119.8

Estación **CHAPETON**Municipio **IBAGUE**Año **1.971**Altitud **1.300** metrosLatitud **4-27 N.**Longitud **75-16 W.****M E S - MAYO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.6	23.8	18.9	84.1	18.266	16.0	10.4	15.3	25.7	3.1
2	17.0	24.6	19.2	89.7	19.964	17.5	0.0	0.0	0.0	4.4
3	16.5	25.0	19.9	86.3	20.026	17.5	0.7	0.2	0.9	3.7
4	16.5	24.5	20.3	89.0	21.141	18.4	18.4	8.9	0.9	9.8
5	16.0	25.8	21.1	85.9	21.619	18.7	0.4	9.5	9.9	8.4
6	17.0	23.6	18.9	91.0	19.805	17.4	2.4	0.0	2.4	1.6
7	16.0	26.4	20.6	83.5	20.199	17.6	0.0	8.4	8.4	7.2
8	16.0	24.5	19.6	90.4	20.722	18.1	8.7	0.0	8.7	4.8
9	15.5	25.2	19.4	86.3	19.732	17.3	16.2	8.9	25.1	7.3
10	16.6	25.9	20.8	90.2	21.996	19.0	2.1	47.3	49.4	5.4
11	17.0	25.6	20.5	85.3	20.631	18.0	0.0	0.0	0.0	3.4
12	16.0	25.5	20.5	87.2	21.045	18.3	0.1	0.0	0.1	3.4
13	17.0	26.2	20.8	83.4	20.465	17.9	0.0	4.3	4.3	8.1
14	17.0	20.6	18.4	93.9	19.923	17.5	15.4	0.0	15.4	0.0
15	15.5	24.5	20.2	90.6	21.429	18.6	0.0	24.7	24.7	4.5
16	15.0	24.0	19.6	90.8	20.800	18.1	0.0	0.0	0.0	5.8
17	16.0	23.5	19.7	91.4	20.826	18.1	0.0	9.5	9.5	3.3
18	15.5	25.0	19.9	82.9	19.450	17.0	0.0	4.3	4.3	5.2
19	16.5	25.0	20.1	84.3	19.985	17.4	0.0	10.6	10.6	7.0
20	16.0	24.7	19.4	88.1	19.908	17.4	2.7	0.0	2.7	2.3
21	16.0	26.0	20.3	83.6	20.184	17.6	0.0	3.0	3.0	6.7
22	15.5	24.5	18.9	90.5	20.041	17.5	0.0	0.2	0.2	4.0
23	15.4	20.5	17.1	88.6	17.202	15.1	0.0	39.7	39.7	0.0
24	13.0	25.0	20.0	83.9	19.518	17.0	0.0	3.1	3.1	8.6
25	16.5	24.0	20.1	91.4	21.307	18.5	0.2	37.0	37.2	6.0
26	16.5	24.0	19.8	80.3	18.904	16.5	0.0	0.0	0.0	5.4
27	14.5	25.0	20.1	84.0	19.985	17.5	0.0	57.6	57.6	8.3
28	15.5	26.0	20.1	83.8	19.439	17.1	0.0	1.0	1.0	5.2
29	14.5	26.0	20.5	78.6	19.097	16.7	0.0	42.4	42.4	7.3
30	15.6	22.0	18.1	84.3	17.623	15.5	1.4	0.0	1.4	1.0
31	14.6	25.5	20.4	84.0	19.996	17.5	0.0	0.0	0.0	7.4
Prom.	15.8	24.6	19.8	86.7	20.040	17.5	69.6	327.9	397.5	153.7

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	26.9	21.3	79.6	20.160	17.6	0.0	0.0	0.0	8.4
2	17.0	24.0	19.3	88.0	20.096	17.6	7.2	0.0	7.2	2.8
3	16.3	26.7	20.7	84.5	20.618	18.0	0.0	0.0	0.0	5.6
4	16.5	27.0	21.4	75.7	19.428	16.9	0.3	0.0	0.3	7.6
5	16.5	25.0	19.4	90.2	20.405	17.8	0.4	19.9	20.3	5.2
6	17.0	24.5	20.0	89.5	20.760	18.1	9.1	23.3	32.4	5.2
7	16.0	22.5	17.2	98.2	19.525	17.1	43.4	0.0	43.4	2.0
8	12.5	25.5	20.2	82.3	19.611	17.1	0.0	0.0	0.0	8.2
9	14.5	23.6	19.8	78.4	18.202	15.9	0.0	0.0	0.0	0.2
10	13.6	24.0	20.2	84.1	20.007	17.4	0.0	0.0	0.0	2.8
11	14.0	25.5	20.3	84.1	20.117	17.5	0.0	0.3	0.3	9.4
12	15.5	22.5	17.2	97.0	19.100	16.8	34.1	0.0	34.1	0.8
13	14.0	24.9	19.6	89.0	20.142	17.5	0.0	0.1	0.1	6.6
14	14.5	25.5	20.2	87.5	20.428	17.8	0.3	0.0	0.3	7.9
15	16.5	25.0	19.4	80.8	18.516	16.3	4.2	0.3	4.5	4.0
16	15.0	25.6	20.7	82.6	20.067	17.4	0.0	1.4	1.4	6.9
17	15.5	26.0	20.6	81.1	19.614	17.2	0.1	3.0	3.1	6.4
18	16.0	23.5	19.4	88.8	19.804	17.3	6.4	0.4	6.8	0.5
19	16.0	23.5	19.3	84.6	18.908	16.5	0.0	0.0	0.0	5.4
20	13.5	24.5	19.3	79.6	17.438	15.3	0.0	0.0	0.0	7.7
21	13.5	25.5	19.9	88.1	20.364	17.8	0.0	11.2	11.2	8.5
22	16.4	24.0	18.8	92.0	20.107	17.6	7.8	0.0	7.8	3.4
23	14.5	25.9	20.2	80.5	18.915	16.6	0.0	17.4	17.4	7.9
24	15.9	26.0	20.6	77.8	19.167	16.8	0.0	0.0	0.0	6.9
25	15.0	26.0	20.5	79.0	19.083	16.7	0.0	16.9	16.9	8.9
26	14.9	23.5	18.7	85.2	18.202	16.0	0.0	0.0	0.0	2.7
27	14.8	25.5	19.1	82.3	18.445	16.1	0.8	10.4	11.2	5.2
28	15.5	23.5	17.8	90.3	18.493	16.3	8.3	0.0	8.3	3.8
29	14.5	23.9	19.1	88.5	19.420	17.0	0.0	0.0	0.0	1.7
30	15.9	25.9	21.0	75.7	18.588	16.4	0.0	0.0	0.0	7.0
Prom.	15.2	24.9	19.7	84.8	19.458	17.0	122.4	104.6	227.0	159.6

Estación CHAPETON

Municipio IBAGUE

Año 1.971

Altitud 1.300 metros

Latitud 4-27 N.

Longitud 75-16 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	25.0	19.2	86.5	19.748	17.3	3.0	0.0	3.0	2.3
2	15.5	25.0	20.0	85.8	19.995	17.5	0.0	24.2	24.2	7.0
3	16.0	24.5	19.6	86.5	19.825	17.3	0.0	13.6	13.6	6.2
4	16.0	21.5	17.2	92.6	18.238	16.0	11.3	0.0	11.3	2.3
5	15.0	26.0	20.2	87.1	20.559	17.9	0.1	7.2	7.3	9.4
6	16.5	26.0	20.9	73.1	18.315	16.1	0.0	0.0	0.0	8.1
7	17.0	24.5	19.5	80.5	18.380	16.2	0.0	0.0	0.0	3.5
8	14.5	26.5	20.6	77.2	18.318	16.0	0.0	0.0	0.0	8.4
9	16.0	26.0	20.5	78.8	18.588	16.3	0.0	0.0	0.0	7.4
10	15.5	25.0	19.8	81.1	18.481	16.2	0.1	0.0	0.1	0.4
11	14.0	26.0	20.4	78.5	18.592	16.3	0.0	0.0	0.0	8.9
12	16.5	26.5	20.8	83.7	20.146	17.6	0.0	3.6	3.6	8.8
13	17.0	24.5	20.4	83.4	20.151	17.5	0.0	29.6	29.6	3.0
14	15.5	23.0	18.5	86.7	18.724	16.4	1.1	0.0	1.1	1.9
15	15.0	24.5	19.2	79.6	17.556	15.4	0.0	0.0	0.0	4.5
16	14.5	26.0	20.7	66.6	16.062	14.0	0.0	0.0	0.0	7.8
17	14.0	26.0	19.2	80.2	17.787	15.7	0.0	0.0	0.0	9.8
18	14.5	25.9	20.9	78.5	18.993	16.6	0.0	0.0	0.0	8.3
19	14.5	27.0	19.9	81.2	18.585	16.4	0.0	0.0	0.0	9.2
20	15.0	27.0	20.8	79.4	19.389	17.0	1.8	0.0	1.8	6.6
21	16.0	25.0	20.0	73.3	17.436	15.3	0.0	0.0	0.0	1.7
22	16.0	26.0	20.5	83.4	20.032	17.5	0.0	2.3	2.3	3.0
23	16.0	26.3	20.2	70.4	16.736	14.7	0.0	2.6	2.6	5.0
24	14.5	26.5	19.1	85.6	19.043	16.7	0.0	0.0	0.0	8.7
25	13.5	26.5	20.7	83.3	20.083	17.5	0.0	20.8	20.8	8.8
26	15.5	24.5	20.2	85.5	20.217	17.6	3.2	60.6	63.8	4.6
27	14.5	26.0	19.9	78.2	18.007	15.9	0.0	0.0	0.0	7.1
28	16.0	24.0	19.6	85.0	19.585	17.2	0.0	0.0	0.0	1.0
29	14.5	26.5	19.7	79.3	18.123	15.9	0.0	1.0	1.0	9.4
30	14.5	25.5	19.3	88.0	19.773	17.3	0.0	0.0	0.0	7.8
31	15.0	24.5	20.3	84.5	19.782	17.3	0.0	0.0	0.0	3.8
Prom.	15.3	25.4	19.9	81.4	18.879	16.5	20.6	165.5	186.1	184.7

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	24.5	19.5	79.5	18.254	16.0	0.0	0.0	0.0	3.9
2	14.0	24.5	20.4	83.1	19.667	17.2	0.0	0.0	0.0	4.1
3	14.0	26.0	19.9	80.7	18.420	16.2	0.0	1.3	1.3	6.9
4	16.0	25.0	19.9	86.2	20.133	17.6	0.3	28.2	28.5	3.4
5	16.0	23.5	17.7	91.5	18.679	16.4	5.6	1.5	7.1	3.3
6	14.5	24.8	18.9	83.3	17.868	15.7	7.7	0.0	7.7	3.9
7	16.0	25.5	19.8	83.8	19.724	17.2	0.0	0.0	0.0	8.0
8	15.2	25.0	18.7	88.2	19.457	17.0	0.0	0.0	0.0	3.4
9	13.6	25.0	19.2	83.7	18.499	16.2	0.0	2.3	2.3	8.0
10	14.6	26.5	20.6	75.6	17.928	15.8	0.0	0.1	0.1	7.2
11	16.0	26.5	20.9	71.8	18.080	15.9	0.0	0.5	0.5	9.6
12	16.5	22.0	18.6	87.4	18.825	16.5	17.5	0.0	17.5	1.2
13	13.0	26.3	19.9	80.2	18.830	16.3	0.0	0.0	0.0	9.8
14	15.5	22.5	18.3	83.7	17.408	15.3	5.8	0.0	5.8	0.4
15	14.0	23.0	17.7	87.6	17.742	15.6	13.1	0.0	13.1	2.0
16	13.6	26.4	19.5	88.1	19.736	17.2	0.0	12.2	12.2	9.7
17	16.1	25.9	19.3	84.3	18.914	16.6	8.8	4.4	13.2	6.5
18	17.1	26.4	20.6	82.5	20.254	17.6	0.3	0.2	0.5	5.7
19	17.0	23.5	20.1	90.5	21.267	18.5	0.4	3.3	3.7	2.4
20	17.0	25.6	19.1	84.6	18.932	16.6	18.8	0.1	18.9	3.5
21	16.5	26.5	20.6	82.4	20.004	17.5	0.0	2.9	2.9	7.9
22	16.5	25.0	19.1	93.6	21.166	18.4	4.6	0.0	4.6	4.8
23	14.5	26.5	20.6	79.5	19.632	17.1	0.0	2.8	2.8	9.9
24	17.1	26.4	20.1	85.1	20.364	17.8	0.0	0.0	0.0	5.8
25	16.5	26.9	20.6	83.9	20.404	17.8	0.0	4.5	4.5	7.1
26	16.5	25.4	19.6	84.8	19.487	17.1	0.5	18.5	19.0	3.0
27	16.1	24.9	19.9	87.9	20.516	17.9	0.0	0.0	0.0	1.5
28	16.5	26.0	21.5	70.7	18.389	16.2	0.0	0.0	0.0	5.0
29	16.1	26.0	20.7	78.4	18.938	16.6	0.0	0.0	0.0	5.6
30	17.0	26.5	20.4	84.4	20.270	17.7	0.0	0.0	0.0	6.8
31	16.0	29.0	21.8	80.8	20.787	18.1	0.0	0.0	0.0	9.0
Prom.	15.7	25.4	19.8	83.5	19.309	16.9	83.4	82.8	166.2	169.3

Estación **CHAPETON**Municipio **IBAGUE**Año **1.971**Altitud **1.300** metrosLatitud **4-27 N.**Longitud **75-16 W.****M E S - SEPTIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	24.5	20.2	82.7	19.673	17.2	9.8	0.0	9.8	1.8
2	16.5	26.5	20.7	82.0	20.197	17.7	0.2	1.4	1.6	3.3
3	16.1	25.0	20.3	83.1	19.808	17.3	0.0	20.8	20.8	4.2
4	16.0	24.5	19.6	88.4	20.256	17.7	9.7	7.1	16.8	4.4
5	16.0	27.5	20.8	75.0	18.515	16.2	0.0	0.0	0.0	1.7
6	15.0	24.9	18.8	91.0	19.912	17.4	1.5	2.7	4.2	8.9
7	14.0	25.5	20.3	86.4	20.176	17.5	0.0	4.9	4.9	8.3
8	15.9	22.5	19.0	93.1	20.350	17.8	0.1	0.0	0.1	1.9
9	16.5	24.0	19.4	90.0	20.393	17.8	0.0	6.0	6.0	4.9
10	14.5	24.5	18.4	93.0	19.660	17.2	2.5	0.0	2.5	2.8
11	13.5	27.3	20.4	85.2	20.147	17.5	0.0	0.4	0.4	7.7
12	15.5	27.5	21.5	82.4	21.278	18.4	3.4	9.4	12.8	5.3
13	15.5	24.5	19.5	78.2	17.568	15.4	0.0	0.0	0.0	0.2
14	13.5	26.9	19.9	79.7	18.306	16.0	0.0	2.6	2.6	9.7
15	14.5	26.5	20.0	85.1	20.236	17.7	0.0	14.9	14.9	8.5
16	16.6	24.9	19.2	89.4	20.124	17.6	10.6	0.0	10.6	3.1
17	15.9	26.6	20.7	79.2	19.070	16.7	0.0	0.0	0.0	1.5
18	16.5	25.6	20.0	80.4	18.732	16.5	0.0	0.0	0.0	3.7
19	15.5	24.5	20.4	87.4	21.123	18.3	0.0	0.4	0.4	4.6
20	16.5	25.5	19.7	89.8	20.547	17.9	1.9	42.4	44.3	2.8
21	16.0	24.0	19.2	82.9	18.762	16.4	3.2	0.0	3.2	0.0
22	15.0	27.6	21.0	82.6	20.307	17.7	0.0	0.0	0.0	9.3
23	16.5	27.0	22.0	79.4	20.471	17.9	0.0	3.2	3.2	9.5
24	16.5	25.5	20.1	80.7	19.081	16.8	0.2	0.0	0.2	2.8
25	13.5	27.0	20.6	83.1	20.002	17.4	0.0	26.5	26.5	9.2
26	17.0	25.5	20.8	80.5	19.579	17.2	1.2	0.0	1.2	1.5
27	15.5	27.5	20.9	83.6	20.974	18.2	0.0	0.0	0.0	9.3
28	15.5	26.0	21.5	75.9	19.301	16.9	0.0	0.8	0.8	7.0
29	16.5	25.0	20.8	85.2	20.693	18.0	4.8	5.5	10.3	2.5
30	16.5	24.5	19.8	87.4	20.216	17.7	45.0	9.4	54.4	3.3
Prom.	15.7	25.6	20.2	84.1	19.849	17.3	94.1	158.4	252.5	143.7

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	21.5	18.7	95.8	20.667	18.0	6.2	0.0	6.2	0.1
2	15.5	22.9	19.1	86.2	19.204	16.9	0.0	0.0	0.0	0.6
3	17.0	22.9	19.0	88.6	19.679	17.2	14.7	3.2	17.9	1.7
4	16.5	22.9	19.1	89.2	19.919	17.4	1.6	0.0	1.6	0.7
5	15.5	23.9	19.4	92.1	20.911	18.2	4.3	22.1	26.4	4.3
6	16.0	26.6	20.0	82.6	19.624	17.1	0.1	12.0	12.1	6.7
7	16.0	25.6	20.3	87.0	20.966	18.2	0.0	0.0	0.0	5.4
8	15.0	27.0	20.9	83.1	20.425	17.8	0.0	0.0	0.0	5.1
9	15.5	27.0	21.7	70.9	18.631	16.3	0.0	20.1	20.1	7.9
10	16.5	25.5	21.0	81.3	20.335	17.6	1.2	30.3	31.5	4.8
11	16.5	24.9	20.0	83.3	19.641	17.2	0.4	0.0	0.4	3.7
12	16.5	25.5	20.8	84.0	21.084	18.2	1.4	0.5	1.9	2.7
13	16.0	26.5	21.3	75.9	19.075	16.8	0.0	0.3	0.3	5.5
14	16.5	24.9	20.0	79.7	18.758	16.5	0.0	1.0	1.0	2.1
15	16.5	25.6	20.2	84.2	20.180	17.7	0.0	11.0	11.0	8.7
16	16.0	24.9	19.4	86.6	19.668	17.2	0.4	5.8	6.2	2.6
17	16.0	24.0	18.3	95.0	20.073	17.6	3.4	0.0	3.4	2.8
18	16.0	24.0	19.6	86.5	19.745	17.3	0.0	15.9	15.9	4.3
19	16.5	25.5	20.0	87.9	20.737	18.0	0.0	42.8	42.8	5.1
20	15.5	26.5	20.5	88.1	21.233	18.4	0.0	0.2	0.2	5.0
21	16.5	26.5	20.7	89.3	21.993	19.0	0.0	0.0	0.0	7.2
22	16.0	26.0	19.2	89.8	20.152	17.6	0.6	0.0	0.6	2.5
23	15.5	25.0	19.7	91.6	21.106	18.3	2.1	0.0	2.1	6.5
24	15.4	24.4	18.4	91.5	19.363	17.0	8.7	0.0	8.7	3.3
25	16.5	22.5	19.2	86.4	19.404	17.0	1.1	0.0	1.1	0.5
26	14.4	24.9	19.0	84.8	18.618	16.3	0.2	0.0	0.2	5.8
27	15.0	24.0	19.7	86.4	19.721	17.3	0.3	0.0	0.3	4.9
28	15.0	23.5	19.4	88.0	19.685	17.2	4.1	19.0	23.1	0.0
29	16.5	25.5	19.9	90.3	21.251	18.4	0.0	0.0	0.0	4.4
30	16.0	25.5	20.5	85.0	20.395	17.8	0.2	4.4	4.6	0.0
31	17.5	23.6	20.5	93.3	22.697	19.5	0.0	6.5	6.5	0.0
Prom.	16.0	24.8	19.9	86.6	20.159	17.6	51.0	195.1	246.1	114.9

Estación **CHAPETON**
 Altitud **1.300** metros

Municipio **IBAGUE**
 Latitud **4-27 N.**

Año **1.971**
 Longitud **75-16 W.**

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.6	21.5	19.0	96.9	21.365	18.5	9.5	0.0	9.5	0.0
2	15.6	24.6	19.1	90.4	20.436	17.8	20.2	0.2	20.4	3.6
3	16.0	23.0	19.0	87.6	19.332	17.0	1.2	0.0	1.2	2.4
4	14.5	23.5	18.9	86.9	18.972	16.6	1.1	0.2	1.3	6.5
5	16.0	23.0	19.2	84.3	18.782	16.5	16.1	0.0	16.1	2.0
6	16.5	24.0	20.2	78.8	18.528	16.3	0.0	0.0	0.0	5.0
7	15.0	25.0	19.8	74.5	17.470	15.4	0.1	1.7	1.8	3.2
8	16.5	24.5	20.1	83.4	19.725	17.3	3.9	14.2	18.1	4.0
9	16.5	24.0	19.6	81.3	18.422	16.2	20.8	0.3	21.1	2.0
10	16.5	26.5	20.3	58.7	14.106	12.0	0.0	0.0	0.0	4.9
11	13.5	25.0	20.2	68.6	16.682	14.3	0.0	0.0	0.0	4.3
12	13.5	26.6	20.0	77.1	18.061	15.7	1.5	0.0	1.5	8.3
13	14.5	25.9	20.7	75.8	18.360	16.0	0.0	0.0	0.0	7.1
14	16.0	25.4	19.2	82.3	18.881	16.5	31.9	3.0	34.9	7.8
15	13.5	24.6	19.4	84.8	19.140	16.7	0.0	5.6	5.6	7.5
16	16.9	26.6	21.3	76.9	19.399	17.0	0.0	0.3	0.3	7.8
17	16.0	24.0	19.8	74.9	17.763	15.4	4.9	0.0	4.9	1.9
18	15.5	23.6	19.2	83.6	18.674	16.4	0.1	0.0	0.1	4.3
19	15.0	23.0	18.7	84.4	18.337	16.0	0.2	0.0	0.2	3.7
20	15.0	23.5	19.5	83.4	18.776	16.5	0.0	0.0	0.0	4.8
21	14.5	24.0	18.5	83.5	17.888	15.7	1.3	1.4	2.7	2.2
22	13.0	24.0	18.4	80.0	17.141	14.9	1.1	0.0	1.1	6.9
23	14.5	24.9	19.1	79.5	17.565	15.4	0.1	0.0	0.1	6.9
24	14.0	24.0	19.0	80.8	17.799	15.6	0.0	0.0	0.0	4.3
25	16.0	23.5	19.2	80.7	18.156	15.9	0.9	0.0	0.9	5.7
26	16.0	23.4	18.7	86.5	18.739	16.5	18.2	0.0	18.2	4.9
27	15.0	23.9	19.4	85.0	19.064	16.7	0.3	11.1	11.4	4.2
28	14.5	24.3	18.3	86.8	18.866	16.5	11.9	0.0	11.9	1.7
29	14.0	24.0	18.9	82.9	18.194	15.9	0.7	0.0	0.7	0.6
30	15.5	25.6	20.1	78.8	18.536	16.3	0.6	0.0	0.6	5.3
Prom.	15.2	24.3	19.4	81.3	18.439	16.1	146.6	38.0	184.6	133.8

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	25.5	20.7	74.8	18.194	15.9	0.0	1.1	1.1	6.8
2	16.0	25.6	20.0	75.6	17.584	15.5	0.0	0.0	0.0	7.0
3	15.6	25.5	20.0	79.3	18.467	16.1	0.0	0.0	0.0	8.0
4	15.0	25.6	19.2	76.4	16.913	14.8	1.3	0.0	1.3	5.4
5	14.5	25.9	19.4	79.9	18.192	16.0	0.0	0.9	0.9	8.9
6	15.0	26.6	20.1	79.2	18.514	16.3	0.0	0.0	0.0	5.8
7	15.0	27.8	20.4	77.7	18.567	16.3	4.4	0.0	4.4	6.8
8	15.9	27.0	20.6	82.9	20.190	17.6	0.0	0.0	0.0	8.2
9	15.4	26.5	20.7	77.2	19.131	16.6	0.0	0.0	0.0	6.2
10	15.9	25.9	20.9	77.3	19.344	16.9	0.0	0.9	0.9	9.2
11	15.5	25.4	19.4	85.0	19.255	16.9	0.0	0.0	0.0	2.7
12	14.0	26.6	19.8	82.4	19.179	16.7	0.0	0.2	0.2	6.5
13	16.0	25.5	20.2	88.7	20.974	18.3	0.0	0.0	0.0	7.3
14	15.0	26.9	20.9	79.0	19.491	17.1	0.0	0.0	0.0	6.0
15	13.5	27.9	21.2	82.4	20.670	17.9	0.0	0.0	0.0	8.0
16	16.5	25.0	19.9	84.7	19.896	17.4	0.0	0.0	0.0	2.3
17	14.6	24.0	19.3	87.6	19.744	17.3	1.2	5.4	6.6	1.3
18	14.5	23.5	17.7	95.6	19.868	17.4	1.4	0.0	1.4	1.4
19	14.0	24.0	19.6	86.5	19.917	17.4	0.0	0.0	0.0	6.0
20	14.0	24.9	19.3	90.3	20.037	17.5	0.3	0.0	0.3	4.5
21	15.0	21.5	19.8	83.1	19.273	16.8	0.3	0.0	0.3	0.1
22	16.0	23.0	18.7	93.5	20.013	17.5	5.9	2.1	8.0	2.8
23	16.0	20.0	17.9	88.4	18.265	16.0	1.9	0.0	1.9	1.1
24	15.0	21.0	18.2	91.6	19.073	16.8	0.7	0.0	0.7	0.6
25	16.0	22.0	18.5	86.2	18.411	16.2	3.3	0.0	3.3	0.9
26	14.0	24.0	19.2	83.3	18.644	16.3	17.1	18.8	35.9	7.5
27	15.0	23.4	18.3	86.5	18.426	16.1	5.4	0.1	5.5	0.8
28	15.5	24.4	19.8	85.7	19.706	17.3	0.0	7.4	7.4	3.3
29	16.0	22.5	19.0	92.1	20.364	17.8	0.0	26.9	26.9	3.1
30	16.0	24.0	19.0	89.4	20.047	17.5	11.2	17.4	28.6	1.0
31	15.2	23.0	18.7	89.9	19.567	17.1	6.5	0.0	6.5	2.5
Prom.	15.2	24.7	19.6	84.3	19.223	16.8	60.9	81.2	142.1	142.0

Estación CHAPETON

Municipio IBAGUE

Año 1.971

Altitud 1.300 Metros

Latitud 4-27 N.

Longitud 75-16 W.

MESES	TEMPERATURA °C					Humedad relativa %	Tensión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	16.1	24.5	19.6	14.0	27.8	85.9	19.566	17.1	169.6	18	105.5
FEBRERO	15.6	24.4	19.4	13.0	27.5	89.0	20.077	17.5	135.6	17	95.9
MARZO	16.1	24.6	19.9	14.0	26.5	89.0	20.624	17.9	294.3	26	88.4
ABRIL	15.5	24.9	19.8	14.0	27.3	86.1	19.900	17.3	172.5	21	119.8
MAYO	15.8	24.6	19.8	13.0	26.4	86.7	20.040	17.5	397.5	26	153.7
JUNIO	15.2	24.9	19.7	12.5	27.0	84.8	19.458	17.0	227.0	19	159.6
JULIO	15.3	25.4	19.9	13.5	27.0	81.4	18.879	16.5	186.1	15	184.7
AGOSTO	15.7	25.4	19.8	13.0	29.0	83.5	19.309	16.9	166.2	20	169.3
SEPTIEMBRE	15.7	25.6	20.2	13.5	27.6	84.1	19.849	17.3	252.5	24	143.7
OCTUBRE	16.0	24.8	19.9	14.4	27.0	86.6	20.159	17.6	246.1	26	114.9
NOVIEMBRE	15.2	24.3	19.4	13.0	26.6	81.3	18.439	16.1	184.6	24	133.8
DICIEMBRE	15.2	24.7	19.6	13.5	27.9	84.3	19.223	16.8	142.1	20	142.0
PROMEDIO	15.6	24.8	19.8	13.5	27.3	1.9	19.627	17.1			
TOTAL									2574.1	256	1611.3

Estación **LUIS BUSTAMANTE**Municipio **VILLARRICA**Año **1.971**Altitud **1.610** metrosLatitud **3-56 N.**Longitud **74-36 W.****M E S - ENERO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.4	25.0	18.5	87.5	19.138	16.8	0.0	0.0	0.0	1.8
2	14.3	26.0	19.1	81.9	18.438	16.2	0.4	0.0	0.4	3.0
3	14.8	24.2	18.9	89.4	20.141	17.4	0.0	6.6	6.6	3.7
4	16.1	22.0	17.9	96.7	19.830	17.4	0.0	0.0	0.0	0.8
5	16.0	22.4	18.6	93.1	20.095	17.6	3.3	7.8	11.1	1.7
6	15.8	22.2	18.6	93.8	20.279	17.7	43.5	8.6	52.1	0.2
7	16.3	20.3	18.2	98.2	20.668	18.0	3.3	0.0	3.3	1.9
8	14.0	22.0	17.3	99.1	19.728	17.2	24.8	0.0	24.8	0.0
9	16.0	21.0	17.7	94.4	19.179	16.8	1.4	27.9	29.3	0.6
10	16.0	20.6	17.1	97.6	19.237	16.9	16.7	0.5	17.2	0.5
11	13.8	21.0	17.4	88.1	17.301	15.2	37.8	15.9	53.7	0.0
12	15.6	23.6	19.5	94.1	22.015	18.9	1.0	9.7	10.7	2.7
13	16.2	23.0	18.7	92.2	20.165	17.6	1.2	0.0	1.2	1.8
14	15.6	23.0	18.7	86.2	18.611	16.3	0.6	0.0	0.6	5.3
15	15.9	21.3	18.5	94.2	20.004	17.5	1.8	0.0	1.8	1.0
16	15.9	23.3	19.1	90.1	19.847	17.3	0.9	0.0	0.9	3.0
17	16.5	23.1	18.8	92.0	19.911	17.4	3.8	1.1	4.9	2.8
18	15.8	20.6	18.6	93.5	20.116	17.6	3.8	1.6	5.4	2.4
19	16.3	20.6	17.7	96.8	19.715	17.3	5.2	5.5	10.7	0.2
20	16.2	19.0	17.1	98.8	19.307	16.9	5.7	13.1	18.8	0.4
21	15.9	22.0	18.4	98.0	20.813	18.1	1.8	0.0	1.8	0.5
22	15.3	21.2	18.2	94.7	19.860	17.4	0.4	0.0	0.4	1.1
23	14.5	22.4	18.1	81.5	17.084	14.9	0.0	0.0	0.0	4.9
24	15.0	22.0	18.6	82.7	18.102	15.7	0.0	0.0	0.0	4.5
25	14.0	22.0	18.7	90.6	19.519	17.1	0.0	17.8	17.8	1.7
26	15.5	20.6	18.0	91.1	19.013	16.7	3.5	0.4	3.9	1.4
27	16.0	20.4	18.5	97.4	20.130	17.6	22.3	0.0	22.3	1.4
28	14.5	21.0	18.0	94.6	19.551	17.1	1.8	4.2	6.0	2.7
29	16.0	23.0	18.4	89.2	19.048	16.7	15.0	0.1	15.1	1.1
30	14.0	22.0	18.4	77.0	16.108	14.1	0.0	0.0	0.0	1.9
31	14.5	22.9	19.1	72.4	16.431	14.3	0.0	0.0	0.0	4.4
Prom.	15.4	22.1	18.3	91.2	19.335	16.9	200.0	120.8	320.8	59.4

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	22.5	18.8	80.4	17.804	15.5	4.3	0.0	4.3	4.5
2	15.0	20.5	17.7	85.5	17.501	15.3	1.3	0.2	1.5	1.8
3	16.0	19.3	16.8	87.3	16.808	14.8	11.7	0.0	11.7	2.5
4	14.0	22.0	18.1	83.4	17.477	15.2	0.9	19.7	20.6	3.3
5	15.5	22.0	17.0	86.1	17.057	15.0	8.1	0.1	8.2	1.1
6	15.0	21.8	17.9	85.7	17.548	15.4	0.2	29.2	29.4	5.0
7	14.6	21.0	17.8	78.0	15.988	14.0	8.3	2.5	10.8	2.7
8	15.0	23.0	19.0	76.3	16.627	14.6	0.1	0.2	0.3	6.5
9	15.5	23.0	18.2	83.6	17.504	15.4	0.0	0.5	0.5	5.7
10	15.0	23.3	17.8	78.0	16.043	14.0	5.1	0.0	5.1	6.7
11	13.6	23.3	17.9	72.4	15.053	12.8	0.0	0.0	0.0	2.0
12	15.6	21.3	17.4	86.7	17.283	15.2	2.0	4.3	6.3	1.5
13	15.0	22.0	17.8	83.9	17.362	15.2	8.8	20.1	28.9	2.5
14	15.2	22.0	16.6	87.1	16.527	14.5	1.0	0.0	1.0	0.8
15	15.7	22.4	18.1	81.8	17.312	15.1	0.0	4.4	4.4	3.2
16	15.0	21.2	18.0	86.3	17.717	15.6	0.3	9.0	9.3	1.5
17	15.3	20.6	16.6	91.1	17.401	15.3	0.4	0.0	0.4	0.1
18	14.0	21.0	17.0	84.9	16.647	14.4	7.3	0.0	7.3	4.1
19	15.0	19.0	16.5	91.4	17.265	15.2	0.3	43.1	43.4	2.8
20	13.6	20.3	16.5	88.3	16.718	14.5	0.6	0.0	0.6	0.9
21	14.0	19.0	15.8	85.3	15.527	13.5	0.0	0.0	0.0	1.7
22	14.3	18.0	15.7	87.9	15.978	13.9	3.7	0.0	3.7	1.6
23	14.3	19.2	16.5	83.0	15.751	13.7	0.0	0.0	0.0	5.2
24	14.0	22.0	17.8	75.1	15.448	13.4	1.0	0.0	1.0	0.0
25	14.0	23.9	19.0	72.7	15.987	13.9	0.0	0.0	0.0	6.2
26	16.0	21.0	17.4	88.3	17.598	15.5	0.4	0.0	0.4	0.0
27	16.5	22.6	19.0	63.7	14.166	12.1	0.2	34.9	35.1	8.6
28	15.5	19.9	16.9	78.0	15.264	13.2	6.0	0.0	6.0	1.9
Prom.	14.9	21.3	17.5	82.6	16.620	14.5	72.0	168.2	240.2	84.4

Estación LUIS BUSTAMANTE

Municipio VILLARRICA

Año 1.971

Altitud 1.610 metros

Latitud 3-56 N.

Longitud 74-36 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.6	21.0	17.8	71.1	14.626	12.6	4.2	0.0	4.2	1.9
2	14.3	22.0	17.3	77.5	15.420	13.3	6.2	4.2	10.4	4.2
3	15.3	22.0	17.5	80.2	16.175	14.2	2.6	4.4	7.0	2.7
4	14.8	21.0	17.3	86.7	17.323	15.2	0.3	22.4	22.7	2.4
5	15.0	22.0	18.2	75.9	15.838	13.8	0.2	6.8	7.0	2.9
6	15.3	23.0	18.7	81.4	17.645	15.5	1.3	0.0	1.3	1.7
7	15.3	21.0	17.1	79.0	15.447	13.5	7.8	0.0	7.8	3.0
8	15.3	19.9	16.8	78.1	14.978	12.9	15.5	0.0	15.5	1.6
9	14.4	24.4	18.2	74.2	15.540	13.5	0.0	0.0	0.0	4.3
10	15.0	23.0	18.4	81.8	17.410	15.3	0.1	0.0	0.1	2.1
11	15.5	23.6	18.1	76.6	15.883	13.9	14.5	2.9	17.4	0.4
12	15.0	20.6	17.1	84.4	16.451	14.3	12.1	0.0	12.1	4.7
13	14.5	23.0	18.1	78.5	16.452	14.3	1.2	0.0	1.2	4.9
14	15.5	22.0	18.5	88.7	18.804	16.5	0.1	7.0	7.1	0.3
15	14.6	20.5	17.7	85.7	17.167	15.0	5.4	0.0	5.4	0.2
16	15.6	20.6	17.6	84.5	17.124	15.0	1.9	1.3	3.2	0.2
17	15.0	20.3	17.5	83.0	16.686	14.6	2.8	0.0	2.8	0.1
18	15.0	18.3	16.4	86.6	16.023	14.0	9.0	0.5	9.5	0.0
19	14.8	20.0	16.9	81.9	15.674	13.7	0.3	0.0	0.3	0.7
20	14.8	18.4	17.1	88.9	17.390	15.3	13.1	0.0	13.1	0.0
21	14.5	20.6	17.5	86.3	17.658	15.5	8.6	0.0	8.6	0.6
22	15.4	23.8	18.2	72.1	15.523	13.2	0.0	0.0	0.0	4.7
23	14.9	21.5	17.6	77.9	15.703	13.7	17.0	11.1	28.1	1.2
24	15.3	22.8	17.9	84.0	17.417	15.3	1.8	36.1	37.9	5.3
25	14.7	21.8	17.9	75.6	15.470	13.4	5.0	7.4	12.4	4.1
26	15.0	22.4	17.3	84.2	16.692	14.7	0.0	0.0	0.0	6.4
27	15.0	24.0	18.4	82.2	17.503	15.4	0.0	2.3	2.3	0.0
28	15.1	20.0	17.3	87.9	17.482	15.4	6.1	0.0	6.1	0.8
29	15.1	20.5	17.3	85.0	16.879	14.8	7.2	0.0	7.2	1.5
30	15.0	21.4	18.0	75.1	15.529	13.5	0.2	0.4	0.6	0.4
31	15.7	20.0	16.3	87.8	16.414	14.4	7.4	1.7	9.1	0.1
Prom.	15.0	21.5	17.6	81.4	16.462	14.4	151.9	108.5	260.4	63.4

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	19.3	15.8	88.4	16.070	14.1	32.3	1.4	33.7	0.0
2	13.7	21.3	17.4	80.9	16.029	14.0	0.0	45.3	45.3	3.3
3	14.3	19.1	16.3	93.8	17.406	15.3	13.2	1.9	15.1	1.2
4	14.8	22.0	17.0	86.1	16.705	14.6	6.0	2.6	8.6	3.1
5	15.4	23.0	18.4	76.6	16.110	14.1	0.0	0.0	0.0	0.0
6	15.1	24.0	18.5	71.0	15.188	13.1	0.2	0.0	0.2	3.5
7	14.1	23.5	17.6	72.6	14.756	12.7	1.0	0.3	1.3	4.1
8	15.3	22.0	17.9	87.1	18.220	16.0	2.0	0.0	2.0	4.0
9	15.3	22.0	17.8	83.3	17.098	15.0	0.8	0.0	0.8	1.8
10	14.5	22.0	18.0	74.8	15.811	13.7	2.0	0.0	2.0	6.0
11	15.1	22.0	18.6	69.4	14.938	12.9	0.0	0.0	0.0	4.2
12	15.0	24.2	19.2	80.2	18.309	16.0	1.6	0.0	1.6	0.7
13	15.6	24.2	18.5	83.3	18.443	16.1	12.0	0.0	12.0	0.1
14	15.0	21.0	17.6	88.3	18.048	15.8	22.0	3.1	25.1	0.8
15	15.0	21.9	17.7	80.8	16.476	14.5	0.2	0.0	0.2	9.2
16	15.7	23.3	18.4	82.8	17.491	15.4	6.9	3.3	10.2	3.7
17	16.0	21.2	18.0	82.7	17.237	15.2	0.0	0.0	0.0	4.4
18	14.2	21.8	17.3	94.7	18.639	16.4	0.0	0.0	0.0	0.0
19	14.8	22.8	18.1	87.3	18.194	16.0	0.0	0.0	0.0	0.0
20	15.3	21.0	17.5	92.3	18.528	16.3	0.0	0.0	0.0	0.0
21	15.3	20.8	17.3	81.2	15.972	14.0	0.0	0.0	0.0	0.5
22	16.0	22.0	18.3	75.2	16.068	13.9	0.0	9.8	9.8	3.0
23	16.0	24.8	18.9	80.4	17.805	15.6	0.0	0.0	0.0	2.2
24	15.4	22.6	18.3	86.0	18.529	16.2	0.0	0.0	0.0	7.5
25	14.8	20.5	16.8	75.8	14.478	12.4	0.0	0.0	0.0	3.4
26	14.8	20.3	17.0	73.7	14.402	12.4	1.9	0.8	2.7	6.6
27	14.0	24.5	18.1	82.6	18.268	15.9	39.6	0.6	40.2	8.2
28	15.4	20.4	17.8	86.8	17.777	15.6	2.2	0.0	2.2	1.1
29	15.0	25.0	18.5	75.9	16.363	14.1	7.4	0.0	7.4	4.5
30	14.7	23.0	18.1	77.2	16.150	14.1	0.8	8.6	9.4	2.0
Prom.	15.0	22.2	17.8	81.7	16.850	14.7	152.1	77.7	229.8	

Estación **LUIS BUSTAMANTE**Municipio **VILLARRICA**Año **1.971**Altitud **1.610** metrosLatitud **3-56 N.**Longitud **74-36 W.****M E S - MAYO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	23.0	18.3	80.7	17.293	15.2	3.0	0.0	3.0	0.4
2	15.0	22.5	19.0	82.8	18.183	16.0	6.4	0.0	6.4	0.5
3	15.0	19.0	16.6	78.4	15.012	13.0	7.0	0.0	7.0	1.5
4	15.0	22.0	18.0	80.0	16.629	14.6	5.0	0.3	5.3	0.7
5	15.0	20.5	17.5	89.5	17.874	15.7	13.6	27.9	41.5	2.0
6	14.0	17.5	15.9	92.9	16.738	14.7	11.4	0.0	11.4	0.3
7	14.0	23.0	18.4	78.4	16.642	14.6	0.0	1.8	1.8	5.1
8	14.8	21.0	17.5	87.6	17.757	15.6	2.6	0.1	2.7	1.0
9	14.5	21.0	17.7	84.3	17.180	15.1	0.0	0.0	0.0	0.0
10	14.9	21.0	17.9	83.0	17.118	15.1	17.5	0.4	17.9	0.1
11	14.5	19.0	17.0	88.4	17.110	15.1	5.6	0.0	5.6	0.0
12	14.5	22.0	18.2	78.3	16.398	14.3	1.5	0.0	1.5	2.8
13	15.5	21.6	17.8	82.9	16.968	14.9	12.6	0.0	12.6	1.0
14	16.3	20.0	17.1	83.0	16.428	14.4	9.6	0.0	9.6	0.0
15	14.5	23.6	18.6	81.9	17.686	15.5	0.0	0.2	0.2	2.1
16	15.4	21.5	17.2	80.2	16.015	13.9	13.1	0.0	13.1	1.0
17	14.5	20.0	17.1	89.5	17.544	15.4	1.1	0.0	1.1	1.1
18	14.6	22.0	17.8	76.2	15.774	13.8	0.1	0.0	0.1	3.3
19	14.5	20.0	16.9	87.6	17.074	15.0	4.1	0.0	4.1	1.1
20	14.0	20.0	16.6	85.5	16.243	14.2	0.0	0.0	0.0	1.6
21	14.8	22.3	17.9	79.4	16.251	14.2	3.1	0.0	3.1	0.6
22	14.8	22.0	17.8	84.5	17.447	15.3	6.3	0.0	6.3	3.0
23	14.6	18.0	16.3	86.6	16.177	14.2	6.6	0.0	6.6	0.8
24	14.5	24.0	17.5	79.2	16.022	13.9	0.0	0.0	0.0	6.2
25	15.4	23.5	18.6	80.5	17.185	15.1	0.0	0.0	0.0	1.0
26	14.8	22.0	16.8	67.4	12.954	10.8	1.4	0.0	1.4	3.0
27	14.1	23.5	18.4	82.5	17.321	15.2	0.6	0.3	0.9	2.1
28	15.6	23.0	18.1	83.3	17.297	15.2	0.9	0.2	1.1	5.1
29	14.5	23.3	17.9	82.8	16.954	14.9	8.2	2.4	10.6	2.7
30	15.4	18.0	16.4	93.5	17.620	15.5	4.3	0.0	4.3	0.9
31	14.0	25.0	19.3	70.6	15.871	13.9	1.0	0.0	1.0	2.3
Prom.	14.8	21.4	17.6	82.6	16.734	14.7	146.6	33.6	180.2	53.3

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.5	22.4	17.7	71.1	14.298	12.3	0.2	0.0	0.2	5.5
2	14.8	20.0	17.2	86.0	17.048	14.9	0.0	0.0	0.0	4.4
3	14.4	22.0	18.5	73.3	15.820	13.8	0.2	0.0	0.2	0.2
4	14.0	24.0	19.1	80.1	18.170	15.9	0.0	7.8	7.8	6.7
5	14.1	25.0	19.2	83.5	18.668	16.4	1.4	0.8	2.2	4.2
6	15.6	24.0	19.1	79.3	17.514	15.4	0.3	0.0	0.3	5.2
7	15.6	20.0	17.4	88.5	17.872	15.7	2.1	0.0	2.1	0.0
8	17.0	22.0	18.5	72.6	15.968	13.9	0.0	0.0	0.0	2.9
9	15.6	22.0	17.3	89.8	18.072	15.9	4.9	0.0	4.9	2.1
10	16.0	22.0	17.6	75.5	15.274	13.2	0.0	0.0	0.0	0.0
11	14.5	21.0	16.4	64.5	12.168	9.8	0.0	0.0	0.0	4.8
12	14.0	22.0	16.8	84.2	16.329	14.2	6.2	0.9	7.1	0.0
13	15.0	22.0	18.2	77.6	16.449	14.3	2.2	0.0	2.2	2.7
14	14.3	25.0	18.8	71.2	15.991	13.7	2.5	0.1	2.6	3.5
15	14.1	24.0	18.5	69.3	14.867	12.9	1.9	0.0	1.9	1.8
16	14.1	24.2	20.1	66.2	15.459	13.4	0.0	0.0	0.0	6.0
17	15.0	23.0	18.1	72.8	15.459	13.4	0.8	0.0	0.8	4.6
18	15.4	23.3	18.7	71.3	15.610	13.6	11.2	0.0	11.2	2.1
19	14.9	22.0	19.1	74.1	16.495	14.5	6.7	1.5	8.2	4.0
20	14.9	22.4	19.4	68.8	15.614	13.5	0.8	0.0	0.8	1.8
21	14.7	23.0	18.9	58.6	12.631	10.4	2.4	0.0	2.4	3.1
22	14.6	24.7	18.6	90.8	19.547	17.1	3.6	0.0	3.6	0.4
23	14.5	23.0	18.8	72.9	15.646	13.7	0.0	0.0	0.0	5.7
24	14.5	22.5	17.3	76.6	15.439	13.4	9.4	0.0	9.4	3.7
25	14.7	24.5	19.5	65.3	14.762	12.7	0.4	4.6	5.0	8.5
26	15.6	21.2	17.5	81.7	16.524	14.5	3.3	0.0	3.3	4.8
27	14.8	23.5	18.3	74.3	15.772	13.8	2.8	0.0	2.8	0.0
28	14.6	20.5	18.0	80.0	16.647	14.6	6.7	0.0	6.7	3.5
29	15.0	20.5	17.0	75.0	14.550	12.5	0.0	0.0	0.0	0.8
30	15.4	23.3	18.5	73.9	15.715	13.7	0.0	0.0	0.0	2.7
Prom.	14.9	22.6	18.3	75.6	16.013	13.9	70.0	15.7	85.7	95.7

Estación **LUIS BUSTAMANTE**Municipio **VILLARRICA**Año **1.971**Altitud **1.610** metrosLatitud **3-56 N.**Longitud **74-36 W.****M E S - JULIO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	22.6	18.2	74.9	15.724	13.7	0.6	0.0	0.6	4.6
2	14.5	24.0	18.9	77.5	16.956	14.9	2.0	0.5	2.5	3.4
3	14.9	24.0	18.5	73.2	15.704	13.6	0.0	10.6	10.6	5.5
4	14.5	20.0	17.3	71.2	13.817	11.8	1.5	0.0	1.5	5.3
5	14.8	25.2	18.8	80.9	17.751	15.5	1.4	0.0	1.4	5.6
6	14.3	22.4	19.3	71.8	16.046	14.1	0.0	0.0	0.0	2.7
7	14.9	20.0	17.4	81.8	16.429	14.3	2.0	0.0	2.0	4.8
8	14.7	23.0	18.2	71.0	14.805	12.8	2.5	0.0	2.5	3.7
9	14.8	24.0	19.0	76.0	16.630	14.6	1.5	0.0	1.5	3.8
10	16.2	21.4	18.2	78.6	16.473	14.4	1.5	0.0	1.5	2.1
11	14.3	23.3	18.5	75.1	16.277	14.1	0.5	0.0	0.5	4.8
12	15.2	23.0	18.8	72.1	15.694	13.5	0.0	1.1	1.1	3.7
13	16.1	21.4	18.0	80.6	16.602	14.6	15.2	6.2	21.4	0.9
14	15.5	20.6	17.1	84.3	16.424	14.4	17.6	0.0	17.6	0.9
15	14.8	23.6	18.1	69.9	14.604	12.6	0.0	0.0	0.0	5.7
16	14.5	23.0	18.9	61.4	13.425	11.3	0.0	0.0	0.0	5.4
17	13.7	23.6	18.9	64.1	14.288	12.3	0.0	0.0	0.0	3.6
18	15.9	21.0	18.3	70.5	14.955	12.9	3.7	0.0	3.7	2.9
19	17.0	24.0	19.7	64.3	14.999	13.0	0.0	0.0	0.0	4.9
20	17.0	23.0	19.6	74.0	17.008	14.9	0.0	0.0	0.0	4.9
21	14.9	22.6	20.7	63.3	15.258	13.3	2.0	0.0	2.0	5.3
22	14.8	21.4	17.4	72.4	14.782	12.7	1.9	0.0	1.9	5.9
23	14.5	21.4	18.1	75.8	16.093	14.1	0.0	2.8	2.8	3.7
24	14.5	22.0	17.6	72.4	14.666	12.7	0.3	0.0	0.3	4.7
25	13.0	23.0	17.4	68.3	13.733	11.6	0.0	0.3	0.3	5.7
26	13.9	22.0	18.8	79.7	17.356	15.2	6.2	0.0	6.2	2.0
27	15.4	23.3	18.1	67.0	13.842	11.8	0.0	0.0	0.0	6.2
28	15.4	22.4	17.9	68.3	14.160	12.2	1.6	0.0	1.6	5.6
29	15.0	24.4	18.7	66.1	14.183	12.2	0.0	0.0	0.0	6.6
30	15.0	23.2	18.8	65.8	14.283	12.2	0.0	0.0	0.0	7.0
31	15.0	21.4	18.7	67.9	14.834	12.9	4.6	0.0	4.6	2.6
Prom.	15.0	22.6	18.4	72.3	15.413	13.4	66.6	21.5	88.1	134.5

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.2	21.0	16.6	74.9	14.238	12.2	0.2	0.0	0.2	3.5
2	14.3	24.0	18.7	79.1	17.563	15.4	0.0	0.0	0.0	2.7
3	14.6	24.0	19.9	69.2	16.393	14.3	0.0	1.2	1.2	2.9
4	15.2	23.6	18.4	80.9	17.517	15.3	1.9	0.4	2.3	1.2
5	13.6	22.0	17.8	82.8	17.323	15.1	10.3	0.0	10.3	1.8
6	14.2	21.0	17.1	78.8	15.542	13.4	1.0	0.0	1.0	1.0
7	14.5	22.0	19.0	66.5	14.680	12.7	0.5	3.8	4.3	4.9
8	14.9	23.0	18.3	80.8	17.211	15.0	0.0	0.0	0.0	1.6
9	14.2	23.0	18.2	70.7	15.033	12.9	0.0	0.0	0.0	5.5
10	15.4	22.0	17.5	70.5	14.396	12.3	3.1	0.0	3.1	0.8
11	15.0	21.0	18.4	73.7	15.562	13.5	0.0	0.4	0.4	5.6
12	14.9	23.3	18.7	78.7	16.973	14.9	4.7	0.0	4.7	3.1
13	15.0	24.0	19.2	63.0	13.954	11.9	0.6	0.0	0.6	8.7
14	16.8	25.0	20.5	69.7	17.103	14.9	2.7	0.0	2.7	0.5
15	14.8	25.0	18.5	77.0	16.861	14.6	6.1	0.0	6.1	1.1
16	15.1	22.0	18.6	66.0	14.246	12.2	4.3	0.0	4.3	5.3
17	16.0	23.0	19.4	73.6	16.645	14.6	0.0	0.0	0.0	0.5
18	16.1	22.0	18.1	79.2	16.497	14.5	0.0	0.0	0.0	4.7
19	16.7	21.2	18.0	78.0	16.063	14.0	0.0	0.0	0.0	2.6
20	16.7	22.3	18.6	78.2	16.832	14.7	1.4	0.0	1.4	1.1
21	16.5	24.1	19.7	67.0	15.741	13.7	0.2	1.0	1.2	4.9
22	16.0	22.0	17.2	78.8	15.723	13.6	9.9	0.0	9.9	4.9
23	15.1	22.0	17.5	76.3	15.258	13.3	4.0	0.0	4.0	5.0
24	14.6	22.0	19.1	79.5	17.626	15.4	18.3	0.0	18.3	0.6
25	13.8	22.0	18.7	66.6	14.321	12.3	9.1	0.5	9.6	3.5
26	14.6	22.0	17.5	85.6	17.266	15.1	27.2	14.6	41.8	0.0
27	14.5	23.3	18.3	75.2	16.099	14.1	7.6	0.0	7.6	1.6
28	17.6	24.0	19.5	69.0	16.063	14.0	0.9	0.0	0.9	7.1
29	14.9	24.0	18.6	76.5	16.620	14.6	1.6	0.0	1.6	2.7
30	14.6	24.0	19.3	66.9	15.609	13.4	0.1	0.5	0.6	2.9
31	14.8	24.0	20.1	62.5	14.856	12.7	0.0	0.0	0.0	8.4
Prom.	15.1	22.8	18.5	74.0	15.994	13.9	115.7	22.4	138.1	100.7

Estación **LUIS BUSTAMANTE**Municipio **VILLARRICA**Año **1.971**Altitud **1.610** metrosLatitud **3-56 N.**Longitud **74-36 W.****M E S - SEPTIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.5	24.0	19.5	72.9	16.860	14.7	1.3	0.0	1.3	1.3
2	15.5	23.0	18.2	76.8	16.492	14.4	0.0	0.0	0.0	3.5
3	16.3	24.0	19.4	78.0	17.619	15.5	0.0	0.0	0.0	2.6
4	16.6	23.3	19.2	73.8	16.817	14.8	0.4	0.0	0.4	1.0
5	16.6	24.0	18.9	76.0	16.881	14.7	0.0	0.0	0.0	5.9
6	16.5	22.0	18.9	70.2	15.632	13.5	5.8	1.4	7.2	5.2
7	16.5	23.3	19.0	67.3	15.399	12.8	1.6	0.0	1.6	3.3
8	14.5	23.0	17.2	81.2	16.052	14.1	2.0	0.0	2.0	1.2
9	15.5	21.6	18.0	77.6	16.004	13.8	0.4	0.0	0.4	2.2
10	15.5	21.0	16.9	78.0	15.087	12.9	3.5	0.0	3.5	0.6
11	16.5	24.0	19.2	62.3	14.130	12.0	0.0	0.0	0.0	8.5
12	16.4	23.0	18.6	65.8	14.074	12.0	4.8	4.1	8.9	4.8
13	15.5	22.0	17.5	79.2	16.223	14.1	5.7	0.0	5.7	3.3
14	12.0	24.0	18.5	69.1	14.634	12.6	0.0	0.0	0.0	7.9
15	15.4	24.0	19.3	63.9	14.822	12.4	0.0	0.0	0.0	4.7
16	13.6	22.0	17.8	82.3	17.114	15.0	8.7	0.0	8.7	1.3
17	14.4	24.0	19.3	77.2	17.584	15.5	2.0	0.0	2.0	1.5
18	15.3	23.0	19.0	73.5	16.901	14.8	0.0	0.0	0.0	1.2
19	16.3	23.0	19.5	73.6	16.800	14.8	6.3	0.3	6.6	2.9
20	14.9	24.0	19.7	74.1	17.358	15.3	0.5	7.5	8.0	0.0
21	14.9	23.3	19.9	78.8	18.390	16.1	12.3	0.0	12.3	0.4
22	14.6	24.0	20.3	65.4	16.011	13.7	7.3	0.0	7.3	5.7
23	16.6	24.9	19.6	65.4	15.375	13.1	0.0	0.0	0.0	8.1
24	17.0	24.0	19.8	73.2	17.359	15.2	0.0	0.0	0.0	3.2
25	17.6	24.0	21.1	62.2	15.667	13.6	0.0	0.0	0.0	4.2
26	14.9	24.0	19.4	66.5	15.677	13.4	0.0	0.0	0.0	3.4
27	14.0	24.0	21.0	62.7	15.713	13.7	0.0	0.0	0.0	4.6
28	17.0	24.0	20.2	61.8	14.976	12.8	0.0	0.0	0.0	4.4
29	14.9	24.0	19.8	62.5	14.688	12.7	0.0	0.5	0.5	3.2
30	15.6	23.0	18.3	82.3	17.212	15.1	0.0	0.0	0.0	3.4
Prom.	15.5	23.4	19.1	71.8	16.118	14.0	62.6	13.8	76.4	103.5

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.9	19.9	18.8	78.0	17.097	15.0	43.9	0.0	43.9	0.0
2	14.6	21.0	19.1	80.5	17.823	15.7	7.9	0.0	7.9	1.7
3	15.6	21.6	18.8	78.0	17.017	15.0	0.5	0.0	0.5	2.4
4	16.5	23.5	19.5	76.3	17.582	15.4	0.6	0.0	0.6	0.0
5	14.9	20.6	19.0	80.2	17.864	15.6	3.6	0.0	3.6	0.7
6	17.5	22.5	19.9	66.6	15.548	13.5	2.7	0.0	2.7	3.7
7	14.9	21.5	18.8	72.2	16.179	14.0	0.4	0.0	0.4	5.2
8	16.3	23.0	19.0	71.4	16.120	13.9	1.4	11.3	12.7	4.4
9	17.0	24.1	20.8	64.1	15.674	13.7	0.4	0.0	0.4	0.0
10	16.1	23.0	18.3	75.3	16.022	14.0	0.1	53.6	53.7	0.0
11	18.0	24.0	19.6	75.3	17.892	15.6	0.0	0.0	0.0	0.0
12	16.5	24.0	19.0	76.9	17.471	15.2	0.0	0.0	0.0	0.0
13	16.5	24.5	20.5	62.8	15.305	13.2	0.0	0.2	0.2	4.1
14	14.9	22.0	17.7	80.3	16.124	14.1	7.6	0.0	7.6	2.6
15	14.9	25.0	19.9	78.0	18.238	16.0	0.0	0.0	0.0	0.0
16	15.6	24.0	19.4	71.8	16.554	14.4	0.5	9.2	9.7	2.7
17	14.5	23.5	19.4	71.5	16.423	14.4	0.0	20.5	20.5	1.5
18	17.1	21.5	19.8	66.3	15.172	13.2	0.0	15.7	15.7	2.3
19	16.0	23.0	18.4	72.8	15.587	13.6	6.5	0.0	6.5	0.0
20	16.5	24.0	19.1	76.0	17.184	14.9	0.0	0.0	0.0	3.8
21	17.0	25.0	19.4	72.6	16.812	14.8	0.0	0.0	0.0	0.3
22	16.0	23.0	17.7	76.1	15.947	13.8	19.2	0.0	19.2	0.0
23	16.0	22.0	19.1	74.3	16.712	14.6	1.7	5.3	7.0	0.0
24	16.5	22.1	18.6	85.4	18.365	16.2	2.2	0.0	2.2	0.0
25	15.1	24.0	18.1	73.8	15.605	13.6	0.0	0.0	0.0	0.0
26	15.6	23.0	16.9	81.6	15.898	13.9	0.0	7.3	7.3	0.0
27	17.3	24.0	19.5	77.0	17.505	15.4	7.2	0.0	7.2	0.0
28	16.1	23.2	18.6	76.5	16.506	14.5	0.0	0.0	0.0	0.0
29	17.1	23.4	19.1	69.5	15.440	13.4	0.9	0.3	1.2	0.0
30	16.5	24.0	19.2	84.9	19.137	16.8	15.8	0.0	15.8	0.0
31	16.4	23.6	18.4	74.4	16.145	14.1	0.0	0.0	0.0	0.0
Prom.	16.1	23.0	19.0	74.9	16.676	14.6	123.1	123.4	246.5	35.4

Estación **LUIS BUSTAMANTE**Municipio **VILLARRICA**Año **1.971**Altitud **1.610** metrosLatitud **3-56 N.**Longitud **74-36 W.****M E S - NOVIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	24.0	18.9	83.8	18.334	16.1	0.0	0.0	0.0	0.0
2	16.5	24.0	18.8	81.8	17.967	15.8	12.2	0.4	12.6	0.0
3	16.5	23.2	18.6	75.4	16.307	14.3	3.4	6.6	10.0	3.9
4	15.8	22.0	18.4	79.6	17.174	15.1	6.5	3.0	9.5	0.0
5	16.6	23.0	19.5	81.6	18.458	16.2	2.3	6.7	9.0	
6	16.0	23.2	18.0	80.2	16.736	14.7	2.5	0.0	2.5	
7	15.9	21.2	18.1	81.7	17.180	15.1	3.3	0.1	3.4	
8	17.3	24.0	18.8	74.5	16.553	14.5	7.8	1.0	8.8	
9	16.0	22.2	17.8	79.3	16.369	14.3	24.4	3.1	27.5	
10	16.5	23.5	18.3	73.1	15.450	13.4	4.5	0.8	5.3	
11	15.6	23.5	18.0	75.5	15.688	13.7	2.3	0.6	2.9	
12	16.0	23.7	18.0	78.3	16.426	14.3	0.2	1.3	1.5	
13	17.0	23.3	18.5	73.4	15.833	13.9	0.5	1.5	2.0	
14	17.0	23.5	19.6	76.8	17.526	15.4	6.7	8.5	15.2	
15	16.5	23.5	19.7	75.8	17.469	15.3	0.5	0.0	0.5	
16	17.0	23.0	18.6	79.4	17.179	15.1	3.2	0.2	3.4	
17	15.6	23.0	17.5	83.4	17.065	15.0	2.5	4.9	7.4	
18	16.0	23.5	18.3	86.1	18.222	16.0	0.0	2.8	2.8	
19	16.0	23.0	19.1	79.2	17.368	15.3	4.0	7.9	11.9	
20	15.5	23.0	17.5	86.7	17.665	15.6	6.4	2.2	8.6	
21	16.0	24.0	19.3	78.9	17.625	15.5	6.1	0.0	6.1	
22	15.9	23.0	19.2	77.9	17.266	15.2	15.6	3.0	18.6	
23	17.0	22.0	19.3	72.8	16.276	14.2	0.1	0.0	0.1	
24	16.0	23.0	19.4	73.7	16.663	14.6	1.5	0.0	1.5	
25	17.0	24.0	19.2	76.9	17.322	15.2	14.8	0.0	14.8	
26	16.8	24.0	18.7	79.7	17.368	15.3	2.3	0.0	2.3	
27	17.0	20.6	18.5	75.0	15.974	13.9	3.0	0.0	3.0	
28	15.4	21.5	17.6	86.0	17.298	15.2	22.0	0.0	22.0	
29	16.0	22.5	17.3	82.3	16.475	14.5	0.0	0.0	0.0	
30	16.0	23.0	18.9	82.7	18.054	15.9	0.0	0.0	0.0	
Prom.	16.3	23.0	18.6	79.1	17.043	15.0	158.6	54.6	213.2	

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1							0.0	0.0	0.0	3.1
2							0.0	0.0	0.0	5.9
3							2.5	0.0	2.5	6.0
4							2.7	0.0	2.7	0.0
5							0.0	0.0	0.0	1.8
6							0.0	0.0	0.0	1.8
7							0.0	0.0	0.0	2.5
8							0.0	0.0	0.0	7.4
9							0.0	0.0	0.0	5.6
10							0.0	0.0	0.0	3.3
11							0.0	0.0	0.0	3.6
12							0.0	0.0	0.0	4.5
13							0.0	0.0	0.0	3.1
14							0.0	0.0	0.0	6.1
15	15.0	22.5	19.3	69.0	15.540	13.5	3.5	0.0	3.5	3.4
16	15.0	22.2	18.6	74.7	16.240	14.2	0.0	0.1	0.1	3.3
17	15.5	19.5	18.3	81.3	17.235	15.1	9.0	0.1	9.1	1.5
18	15.0	18.4	17.2	79.0	15.562	13.6	4.4	13.2	17.6	0.0
19	15.0	22.0	17.8	79.7	16.076	14.0	0.0	0.0	0.0	2.7
20	15.4	23.0	18.5	75.4	16.363	14.3	1.2	6.5	7.7	4.9
21	14.8	22.0	17.7	80.6	16.467	14.4	0.0	0.0	0.0	1.0
22	15.1	19.0	16.9	82.6	15.998	14.0	9.0	23.7	32.7	0.1
23	14.6	18.2	16.3	86.0	15.908	13.9	3.2	2.1	5.3	0.0
24	15.2	22.0	17.2	83.1	16.613	14.6	11.4	0.2	11.6	1.7
25	14.6	20.0	16.7	85.4	16.508	14.5	3.7	0.4	4.1	0.7
26	15.0	20.2	17.4	86.1	17.138	15.0	2.5	0.0	2.5	1.4
27	15.0	19.6	17.4	82.7	16.573	14.5	7.7	0.0	7.7	0.2
28	14.0	22.0	17.5	82.8	16.624	14.6	1.4	0.0	1.4	3.1
29	14.2	19.2	17.2	84.0	16.353	14.4	4.3	0.0	4.3	0.5
30	14.2	21.0	17.2	79.2	15.588	13.6	0.3	0.0	0.3	2.2
31	14.2	22.0	17.3	79.8	16.144	13.9	0.0	0.0	0.0	1.3
Prom.							66.8	46.3	113.1	82.7

Estación **LUIS BUSTAMANTE**Municipio **VILLARRICA**Año **1.971**Altitud **1.610** MetrosLatitud **3-56 N.**Longitud **74-36 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	15.4	22.1	18.3	13.8	26.0	91.2	19.335	16.9	320.8	25	59.4
FEBRERO	14.9	21.3	17.5	13.6	23.9	82.6	16.620	14.5	240.2	24	84.4
MARZO	15.0	21.5	17.6	14.3	24.4	81.4	16.462	14.4	260.4	28	63.4
ABRIL	15.0	22.2	17.8	13.7	25.0	81.7	16.850	14.7	229.8	20	
MAYO	14.8	21.4	17.6	14.0	25.0	82.6	16.734	14.7	180.2	27	53.3
JUNIO	14.9	22.6	18.3	14.0	25.0	75.6	16.013	13.9	85.7	22	95.7
JULIO	15.0	22.6	18.4	13.0	25.2	72.3	15.413	13.4	88.1	22	134.5
AGOSTO	15.1	22.8	18.5	13.6	25.0	74.0	15.994	13.9	138.1	24	100.7
SEPTIEMBRE	15.5	23.4	19.1	12.0	24.9	71.8	16.118	14.0	76.4	16	103.5
OCTUBRE	16.1	23.0	19.0	14.5	25.0	74.9	16.676	14.6	246.5	23	35.4
NOVIEMBRE	16.3	23.0	18.6	15.4	24.0	79.1	17.043	15.0	213.2	27	
DICIEMBRE									113.1	16	82.7
PROMEDIO											
TOTAL									2192.5	274	

Estación EL LIMON

Municipio CHAPARRAL

Año 1.971

Altitud 990 metros

Latitud 3-43 N.

Longitud 75-38 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	19.0	31.0	22.1	79.9	20.831	18.0	0.0	0.0	0.0	5.8
2	18.5	31.0	22.4	74.0	20.283	17.7	0.0	0.0	0.0	4.6
3	18.5	29.5	23.2	70.2	20.430	17.9	0.0	0.0	0.0	8.2
4	17.5	26.5	22.3	87.3	23.301	19.9	0.0	16.6	16.6	3.7
5	17.5	26.0	20.4	86.7	21.322	18.5	4.6	10.2	14.8	0.5
6	17.0	26.0	21.1	84.8	21.134	18.4	0.8	0.8	1.6	1.9
7	18.5	24.0	20.0	86.8	20.598	18.0	5.6	0.0	5.6	0.0
8	18.6	25.6	20.5	82.0	20.050	17.6	4.3	0.1	4.4	1.0
9	16.5	25.5	19.8	90.1	20.798	18.1	2.9	29.6	32.5	3.5
10	17.8	27.0	21.1	81.7	20.645	18.0	2.3	0.0	2.3	3.7
11	17.0	27.5	21.6	81.6	20.830	18.1	0.0	26.7	26.7	8.2
12	18.0	27.5	21.6	77.1	19.763	17.3	0.6	7.3	7.9	3.9
13	17.5	28.4	22.7	78.5	21.256	18.4	0.0	15.6	15.6	5.4
14	19.0	27.5	21.8	80.6	21.383	18.6	0.4	15.8	16.2	1.6
15	18.5	29.5	22.1	81.8	21.906	19.0	0.0	0.0	0.0	3.6
16	17.0	28.0	22.0	79.0	20.716	18.0	0.9	26.8	27.7	6.8
17	18.0	26.0	20.4	82.3	19.922	17.5	0.0	5.4	5.4	2.3
18	16.4	25.0	21.2	89.3	22.555	19.4	0.2	10.4	10.6	0.7
19	19.0	26.4	21.2	89.6	22.836	19.6	6.6	2.9	9.5	2.1
20	18.5	26.6	21.6	88.4	22.993	19.7	5.0	17.0	22.0	4.1
21	18.0	26.5	21.1	87.6	21.969	19.0	2.5	0.0	2.5	3.4
22	18.0	27.0	21.9	86.9	23.082	19.8	0.0	11.6	11.6	3.6
23	18.5	28.0	21.8	83.1	21.890	18.9	0.0	16.1	16.1	9.0
24	18.5	28.0	22.6	85.1	23.601	20.2	0.1	46.7	46.8	8.7
25	18.5	28.0	21.9	86.3	22.915	19.7	0.0	26.2	26.2	5.3
26	18.3	27.5	22.6	80.4	21.356	18.5	0.0	13.4	13.4	5.3
27	19.0	25.5	21.6	79.5	20.300	17.7	1.2	17.4	18.6	1.6
28	18.5	26.5	21.3	88.7	22.588	19.5	2.6	27.0	29.6	1.3
29	18.3	30.0	22.3	78.1	20.740	18.0	4.5	3.1	7.6	3.9
30	19.0	29.5	20.9	90.1	22.355	19.3	11.9	0.0	11.9	5.0
31	18.5	26.0	21.0	73.8	18.443	16.2	0.1	2.0	2.1	9.5
Prom.	18.1	27.3	21.6	82.9	21.380	18.5	57.1	348.7	405.8	128.2

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.0	27.5	22.1	86.3	23.101	19.8	0.1	9.1	9.2	5.5
2	18.5	27.0	21.5	90.5	23.181	19.8	0.1	44.2	44.3	4.3
3	18.6	28.0	22.3	84.9	22.660	19.5	0.5	0.0	0.5	2.1
4	18.0	30.0	22.0	84.2	22.297	19.2	22.6	22.9	45.5	7.2
5	18.5	25.0	20.6	92.0	23.033	19.7	11.0	0.0	11.0	0.6
6	17.5	25.5	20.9	83.0	20.215	17.7	0.1	1.5	1.6	2.4
7	18.3	27.0	22.0	84.1	22.267	19.2	0.1	0.0	0.1	3.5
8	19.5	26.0	21.6	87.7	22.651	19.5	0.0	0.2	0.2	4.8
9	17.5	26.5	21.3	85.8	21.843	18.9	2.3	0.0	2.3	2.9
10	17.5	27.0	21.3	84.3	21.646	18.7	1.0	0.0	1.0	2.0
11	17.0	25.5	20.2	90.0	21.093	18.3	2.5	0.6	3.1	3.9
12	18.0	25.5	21.4	80.8	20.558	17.9	0.1	6.0	6.1	0.4
13	18.5	28.0	22.1	80.6	21.208	18.4	0.0	28.2	28.2	3.7
14	18.0	26.0	21.0	84.4	21.165	18.4	0.0	3.0	3.0	6.5
15	17.6	25.8	20.7	84.2	20.538	17.9	0.0	10.1	10.1	6.1
16	17.0	26.5	22.5	84.3	22.674	19.5	0.1	6.9	7.0	7.0
17	18.5	26.5	21.0	87.6	21.912	19.0	0.2	0.0	0.2	3.1
18	18.5	27.0	21.9	83.8	21.885	18.9	4.8	61.2	66.0	2.5
19	17.0	25.5	21.8	91.8	23.865	20.2	0.0	10.9	10.9	1.4
20	19.0	27.0	21.8	83.7	21.559	18.6	0.0	41.1	41.1	4.9
21	17.8	25.0	20.3	91.2	21.661	18.8	1.3	23.1	24.4	0.2
22	18.0	23.0	19.5	91.4	20.984	18.3	32.6	0.0	32.6	0.0
23	16.5	27.0	21.0	84.4	20.857	18.2	0.0	0.0	0.0	4.6
24	16.0	29.3	22.0	73.6	19.240	16.9	0.0	0.0	0.0	0.4
25	18.0	31.0	22.3	77.4	20.615	18.0	0.0	0.0	0.0	9.0
26	18.7	27.0	20.0	91.8	21.919	18.9	5.2	0.0	5.2	9.6
27	16.0	29.5	22.0	77.4	20.763	18.0	0.0	35.9	35.9	3.3
28	18.5	28.5	22.3	80.5	21.468	18.6	0.2	18.5	18.7	6.5
Prom.	17.9	26.9	21.4	85.1	21.674	18.7	84.8	323.4	408.2	108.4

Estación EL LIMON

Municipio CHAPARRAL

Año 1.971

Altitud 990 metros

Latitud 3-43 N.

Longitud 75-38 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	19.0	29.5	22.8	80.9	22.130	19.1	0.1	10.1	10.2	3.2
2	19.0	28.0	21.2	81.6	20.621	18.0	0.1	22.0	22.1	3.3
3	18.0	27.0	22.1	90.7	23.962	20.4	12.2	31.8	44.0	2.7
4	18.0	27.0	21.4	84.3	21.250	18.4	0.2	70.7	70.9	4.4
5	18.0	29.0	22.3	80.1	21.291	18.5	0.0	3.9	3.9	6.0
6	19.0	30.0	23.4	80.7	23.121	19.8	9.0	0.0	9.0	2.2
7	17.0	28.0	23.1	79.0	22.434	19.3	0.0	0.0	0.0	4.8
8	18.6	29.0	22.8	82.9	22.653	19.4	0.0	0.0	0.0	2.3
9	19.5	31.5	23.6	75.1	21.021	18.2	0.0	0.0	0.0	6.9
10	19.0	29.0	22.2	85.3	22.543	19.4	0.1	0.0	0.1	7.1
11	20.5	29.8	24.1	79.1	23.529	20.1	0.1	37.3	37.4	5.3
12	19.0	27.0	20.0	98.1	23.386	20.0	9.1	0.0	9.1	0.4
13	18.5	30.5	23.5	79.5	22.841	19.6	0.1	0.6	0.7	8.7
14	19.0	29.3	24.1	82.3	24.555	20.8	0.1	22.5	22.6	6.6
15	18.5	26.0	21.3	89.6	22.977	19.7	0.0	20.1	20.1	1.7
16	18.8	25.5	21.8	85.7	22.508	19.4	0.0	0.9	0.9	0.7
17	19.0	28.5	21.9	85.1	22.279	19.2	0.0	33.0	33.0	2.3
18	19.0	28.5	21.7	93.3	24.157	20.5	0.0	1.3	1.3	1.0
19	19.8	26.5	22.0	89.8	24.107	20.5	0.0	34.8	34.8	1.7
20	18.0	24.4	19.9	98.3	23.002	19.7	0.0	11.9	11.9	0.0
21	18.0	27.5	21.8	87.6	23.015	19.8	0.0	5.2	5.2	7.4
22	19.0	28.0	23.1	79.3	22.577	19.4	0.0	4.4	4.4	0.0
23	18.5	28.0	22.8	82.5	22.738	19.5	0.0	2.0	2.0	5.3
24	19.5	28.0	23.2	84.1	23.978	20.4	0.0	51.3	51.3	3.8
25	18.5	28.0	22.6	84.1	22.872	19.6	0.0	47.1	47.1	5.9
26	18.5	28.0	22.2	86.2	23.237	19.9	0.0	7.9	7.9	1.5
27	19.0	28.5	23.3	82.7	23.572	20.2	0.0	11.4	11.4	4.6
28	18.5	27.5	21.7	88.0	23.152	19.8	0.0	66.2	66.2	3.3
29	18.5	24.5	20.8	89.4	22.020	19.0	0.0	0.0	0.0	1.4
30	19.0	26.0	21.0	90.0	22.777	19.6	0.0	46.4	46.4	0.6
31	18.0	27.4	21.0	87.0	21.875	18.9	0.0	46.2	46.2	4.8
Prom.	18.7	27.9	22.2	85.2	22.780	19.6	31.1	589.0	620.1	109.9

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	19.0	23.0	19.5	98.6	22.287	19.2	27.7	0.0	27.7	1.0
2	19.0	23.8	20.6	98.0	23.705	20.2	3.5	48.4	51.9	3.3
3	18.5	24.7	20.4	88.7	21.503	18.7	2.6	0.1	2.7	0.0
4	18.1	24.3	21.2	93.1	23.568	20.1	1.0	0.0	1.0	3.4
5	17.5	28.5	23.3	82.6	23.691	20.2	0.0	0.0	0.0	6.8
6	18.5	29.5	22.7	82.4	22.791	19.6	0.0	0.0	0.0	7.0
7	19.0	28.5	22.5	82.2	22.291	19.2	0.0	2.4	2.4	6.8
8	18.5	28.5	20.7	88.7	22.010	19.0	0.1	14.0	14.1	2.5
9	18.0	27.5	21.5	88.0	22.713	19.5	0.0	5.7	5.7	4.0
10	20.0	28.5	22.7	83.2	22.692	19.5	0.0	14.3	14.3	6.1
11	19.0	29.5	22.8	84.4	23.382	20.0	0.4	44.7	45.1	2.5
12	18.8	29.5	23.3	83.2	23.825	20.3	0.0	31.3	31.3	7.0
13	19.0	27.5	22.5	87.7	23.812	20.3	0.0	0.0	0.0	4.5
14	19.1	26.5	21.9	85.1	22.609	19.4	0.0	64.5	64.5	0.8
15	18.0	25.5	21.0	88.1	21.991	19.0	1.2	0.0	1.2	0.4
16	19.1	31.0	23.4	79.6	23.057	19.8	0.0	0.0	0.0	6.2
17	19.1	26.6	22.7	85.3	23.539	20.1	0.0	36.5	36.5	1.9
18	18.0	26.6	21.7	86.9	22.546	19.4	0.0	3.0	3.0	1.6
19	19.0	26.5	22.2	87.6	23.412	20.0	0.0	56.7	56.7	1.4
20	18.6	28.0	22.4	84.8	22.833	19.6	0.0	27.9	27.9	3.6
21	18.6	29.0	22.6	84.7	23.172	19.8	0.6	0.0	0.6	1.2
22	17.3	30.5	23.3	76.8	22.019	19.0	0.0	28.4	28.4	7.4
23	19.0	28.0	21.8	86.9	22.902	19.7	4.3	0.1	4.4	2.7
24	19.0	29.0	22.6	75.9	21.027	18.3	0.0	0.0	0.0	7.5
25	19.0	31.0	22.7	75.2	20.794	18.1	0.0	0.0	0.0	8.7
26	19.0	30.0	23.5	73.4	21.342	18.5	0.0	0.0	0.0	7.0
27	18.6	30.0	23.8	76.8	22.136	19.0	0.0	10.0	10.0	8.6
28	18.8	28.5	21.6	86.7	22.559	19.4	2.2	0.0	2.2	2.3
29	18.6	30.5	23.1	78.0	21.716	18.8	0.0	0.0	0.0	8.2
30	18.8	30.0	22.8	78.3	21.449	18.6	0.0	17.0	17.0	8.4
Prom.	18.7	28.0	22.2	84.4	22.579	19.4	43.6	405.0	448.6	132.8

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.4	29.5	21.1	87.8	22.392	19.3	1.3	29.2	30.5	4.5
2	18.2	27.5	21.5	87.6	22.538	19.4	3.7	15.6	19.3	4.1
3	19.0	30.0	23.2	79.6	21.950	18.9	10.2	0.0	10.2	4.1
4	19.0	28.0	22.6	88.3	24.093	20.5	0.1	64.6	64.7	4.9
5	19.0	28.5	23.1	83.7	23.088	19.7	0.7	60.3	61.0	6.4
6	18.6	25.5	20.0	90.9	21.585	18.7	2.3	0.0	2.3	0.0
7	18.4	30.3	22.9	76.5	21.434	18.6	0.0	3.8	3.8	8.9
8	18.6	28.5	21.7	89.7	23.418	20.0	16.5	0.0	16.5	3.6
9	18.6	29.0	23.4	77.3	22.535	19.4	0.0	0.4	0.4	5.9
10	19.3	30.0	23.3	83.7	24.160	20.5	0.5	3.2	3.7	6.0
11	19.3	29.0	22.2	80.1	21.277	18.5	0.4	0.0	0.4	1.6
12	18.8	30.0	23.3	80.4	23.121	19.8	0.0	0.2	0.2	5.3
13	18.8	29.4	22.7	83.0	23.352	19.9	0.0	0.0	0.0	5.2
14	19.3	25.5	21.1	98.6	24.932	21.0	9.9	0.0	9.9	0.1
15	19.0	28.5	22.8	83.5	23.054	19.7	0.0	33.9	33.9	8.2
16	18.3	24.0	20.4	88.4	20.895	18.0	1.9	17.2	19.1	5.2
17	18.8	25.0	20.5	93.5	22.723	19.5	0.0	1.1	1.1	2.5
18	19.5	30.0	22.4	84.4	23.082	19.8	0.0	5.3	5.3	6.6
19	19.0	28.5	23.3	86.9	24.551	20.7	0.0	85.9	85.9	7.9
20	19.0	29.0	22.1	84.5	22.458	19.3	0.1	0.0	0.1	4.9
21	18.8	29.5	22.8	81.2	22.472	19.3	0.0	11.1	11.1	10.2
22	19.4	28.0	22.5	86.8	23.537	20.1	0.0	6.5	6.5	6.2
23	19.4	24.0	20.8	94.3	23.358	20.0	0.0	0.0	0.0	0.7
24	16.8	28.5	22.9	80.2	22.267	19.2	0.0	25.9	25.9	10.6
25	19.0	27.6	22.3	85.1	22.771	19.5	1.7	73.6	75.3	3.1
26	18.6	28.0	21.6	88.7	22.969	19.7	0.0	0.0	0.0	5.9
27	19.0	28.5	22.2	79.4	21.533	18.7	0.2	0.2	0.4	7.2
28	19.0	30.0	22.8	78.5	21.577	18.7	0.0	0.0	0.0	5.7
29	19.3	28.4	23.3	72.4	20.554	17.9	0.0	2.7	2.7	5.6
30	19.3	27.0	22.7	80.4	22.354	19.3	4.4	0.0	4.4	1.8
31	18.8	29.5	23.0	77.0	21.194	18.3	0.0	0.0	0.0	7.2
Prom.	18.8	28.2	22.3	84.3	22.620	19.4	53.9	440.7	494.6	160.1

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	19.1	32.0	23.2	77.3	21.885	18.9	0.0	1.4	1.4	8.9
2	19.0	30.0	23.1	83.1	23.276	19.9	0.0	0.0	0.0	7.8
3	19.5	30.5	23.1	74.4	20.703	17.9	0.0	0.0	0.0	5.1
4	19.1	32.0	23.7	72.7	21.023	18.3	1.7	0.0	1.7	9.4
5	19.5	29.0	22.3	79.8	21.814	18.9	0.0	22.9	22.9	0.0
6	19.1	27.0	21.9	88.7	23.516	20.1	0.0	0.0	0.0	1.4
7	18.3	24.0	20.2	93.2	22.855	19.6	0.0	0.0	0.0	0.2
8	19.1	29.5	22.4	78.2	21.180	18.4	0.0	0.0	0.0	9.3
9	18.8	26.0	21.8	85.6	22.569	19.4	0.0	0.0	0.0	1.3
10	17.9	28.0	22.8	77.8	21.613	18.7	0.0	0.0	0.0	5.9
11	18.8	30.5	23.0	77.3	21.880	18.9	0.0	0.0	0.0	8.6
12	19.1	24.0	20.5	94.5	23.133	19.8	1.6	0.0	1.6	0.0
13	19.0	27.0	22.3	82.9	22.291	19.2	0.0	7.2	7.2	10.0
14	18.0	28.5	21.9	84.3	22.005	19.0	0.0	3.0	3.0	7.4
15	18.6	26.0	20.6	84.1	20.552	17.9	0.9	0.0	0.9	0.0
16	17.0	30.0	22.5	74.6	19.887	17.3	0.0	0.4	0.4	7.9
17	18.8	30.0	21.8	82.3	21.430	18.6	0.0	0.0	0.0	7.3
18	18.0	28.0	21.4	78.6	20.089	17.5	0.5	4.1	4.6	5.4
19	18.0	28.0	21.2	82.7	20.775	18.1	3.8	4.4	8.2	6.4
20	17.4	27.0	22.3	80.2	21.381	18.5	1.5	0.0	1.5	3.5
21	18.1	29.0	21.7	80.7	20.977	18.3	0.3	4.8	5.1	4.6
22	17.8	27.5	21.5	86.6	22.124	19.1	0.0	0.0	0.0	1.3
23	18.3	29.5	22.7	80.3	21.983	19.0	0.0	0.5	0.5	9.4
24	18.9	29.0	23.1	76.9	21.748	18.8	0.0	0.0	0.0	5.0
25	19.0	30.5	22.6	69.8	18.932	16.4	0.0	0.0	0.0	8.8
26	18.8	27.0	21.4	85.4	22.050	19.1	3.7	0.0	3.7	2.2
27	17.9	29.5	22.4	77.9	20.988	18.2	0.1	0.6	0.7	6.8
28	20.0	28.4	22.2	81.5	21.843	18.9	0.4	0.3	0.7	4.2
29	18.2	27.2	22.4	83.7	22.395	19.3	0.0	0.0	0.0	1.2
30	19.0	30.0	23.3	81.0	23.120	19.8	0.0	0.0	0.0	5.4
Prom.	18.6	28.5	22.2	81.2	21.667	18.7	14.5	49.6	64.1	154.7

Estación EL LIMON

Municipio CHAPARRAL

Año 1.971

Altitud 990 metros

Latitud 3-43 N.

Longitud 75-38 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.8	29.0	21.1	85.0	21.825	18.9	0.3	0.0	0.3	4.2
2	18.0	30.0	22.6	78.3	20.953	18.1	0.0	14.2	14.2	6.2
3	19.0	29.5	22.9	82.9	23.007	19.7	0.0	23.2	23.2	8.2
4	19.0	25.5	21.4	86.8	22.071	19.0	8.0	0.9	8.9	0.4
5	18.6	29.5	22.4	82.8	22.671	19.5	0.0	0.0	0.0	10.6
6	19.5	32.0	23.5	73.5	21.272	18.5	0.0	0.0	0.0	8.7
7	19.0	29.5	22.4	82.6	22.332	19.2	0.5	0.4	0.9	1.6
8	19.0	31.0	23.6	72.7	20.816	18.1	0.0	0.2	0.2	10.0
9	19.6	31.0	23.5	74.0	21.526	18.7	0.0	0.4	0.4	7.1
10	19.6	26.5	21.0	93.3	23.550	20.1	10.2	0.0	10.2	4.2
11	19.3	26.5	21.7	80.6	20.819	17.8	0.0	0.6	0.6	4.9
12	20.0	30.5	24.4	76.0	22.819	19.5	0.0	0.2	0.2	7.0
13	20.0	29.5	23.3	78.4	22.386	19.3	0.0	1.6	1.6	3.6
14	18.7	28.0	21.0	84.8	21.219	18.4	61.2	0.0	61.2	1.6
15	19.6	27.4	22.0	82.8	21.993	19.0	0.0	0.0	0.0	8.8
16	17.0	28.5	22.7	72.6	19.753	17.3	0.0	0.0	0.0	6.1
17	18.6	29.5	22.4	69.0	18.279	16.0	0.0	0.0	0.0	6.5
18	19.3	30.2	23.2	72.0	19.784	17.2	0.0	0.0	0.0	11.1
19	17.6	30.5	23.8	68.7	20.640	18.0	0.0	0.0	0.0	9.6
20	17.6	30.9	23.5	74.9	21.254	18.4	0.0	0.2	0.2	4.5
21	19.0	29.5	23.7	67.5	20.373	17.8	0.0	0.0	0.0	3.9
22	19.9	30.5	23.4	76.8	21.876	18.9	0.1	0.8	0.9	4.7
23	19.0	28.5	22.5	74.4	20.053	17.5	0.0	0.9	0.9	2.9
24	18.0	29.0	22.0	74.4	19.163	16.8	0.0	0.0	0.0	6.6
25	17.3	30.5	24.0	77.4	22.067	19.0	0.0	6.1	6.1	9.4
26	18.8	29.5	22.7	83.5	22.967	19.7	0.0	0.2	0.2	4.6
27	20.0	30.0	22.8	73.0	19.894	17.3	0.0	0.9	0.9	4.9
28	17.0	27.0	22.1	76.9	20.192	17.7	0.0	0.0	0.0	2.1
29	17.4	32.5	21.9	71.9	18.508	16.3	0.0	0.6	0.6	9.1
30	18.8	30.0	23.6	71.1	20.615	18.0	0.0	0.0	0.0	9.8
31	17.3	30.0	23.3	74.9	20.956	18.2	0.0	0.4	0.4	5.5
Prom.	18.7	29.4	22.7	77.2	21.149	18.3	80.3	51.8	132.1	188.4

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.7	23.5	19.4	92.0	21.010	18.3	9.3	0.0	9.3	1.1
2	17.7	30.0	23.2	71.5	20.068	17.5	0.1	0.0	0.1	4.7
3	17.0	29.6	23.6	76.5	21.622	18.8	0.1	2.3	2.4	5.5
4	18.8	30.0	23.4	72.7	20.504	17.9	0.1	4.4	4.5	5.4
5	18.6	29.0	22.4	82.5	22.302	19.3	0.4	29.1	29.5	3.8
6	18.0	29.0	21.0	86.9	21.799	18.9	1.5	2.6	4.1	2.9
7	18.0	32.0	22.1	79.3	21.026	18.3	0.0	0.4	0.4	7.8
8	17.3	25.0	19.5	91.0	20.849	18.2	1.0	0.0	1.0	2.6
9	18.0	30.5	22.4	69.0	18.240	16.0	0.0	0.0	0.0	6.1
10	18.2	30.0	22.4	72.1	19.516	17.1	0.8	5.2	6.0	4.1
11	18.4	30.5	23.7	65.2	18.734	16.4	0.0	1.5	1.5	6.6
12	18.0	24.0	20.5	91.4	22.167	19.1	5.4	0.2	5.6	0.8
13	17.3	29.5	22.2	74.3	19.615	17.2	0.1	3.7	3.8	10.8
14	18.5	25.7	21.2	80.7	20.597	18.0	0.0	0.0	0.0	0.7
15	16.0	26.5	21.1	79.8	19.826	17.4	0.0	0.0	0.0	2.8
16	17.3	29.5	21.9	73.2	19.197	16.8	0.5	0.5	1.0	10.6
17	18.6	29.5	22.3	77.0	20.519	17.9	2.7	0.0	2.7	5.4
18	19.6	31.0	23.1	73.2	20.731	18.0	5.0	0.0	5.0	7.6
19	19.5	31.0	22.8	78.8	21.665	18.7	0.0	0.6	0.6	4.5
20	20.0	29.0	22.2	79.2	21.319	18.5	15.4	0.0	15.4	3.5
21	18.0	30.5	23.9	74.7	21.262	18.4	0.2	23.0	23.2	7.6
22	18.0	28.0	22.0	82.5	21.635	18.7	0.0	0.0	0.0	4.7
23	19.1	31.2	23.3	76.0	21.570	18.7	0.1	23.3	23.4	8.3
24	18.6	28.0	21.9	79.8	20.920	18.2	0.1	0.3	0.4	3.6
25	19.0	30.0	22.8	75.0	20.355	17.7	0.0	0.0	0.0	6.4
26	19.5	28.5	22.1	81.4	21.630	18.7	2.3	0.0	2.3	5.3
27	19.0	28.5	22.9	76.2	20.921	18.2	0.0	0.0	0.0	1.1
28	18.3	30.0	22.7	69.8	19.297	16.9	0.0	0.1	0.1	7.8
29	18.6	28.5	22.7	75.8	20.527	17.9	0.6	0.5	1.1	4.6
30	18.3	31.0	23.1	73.5	20.304	17.7	0.0	0.0	0.0	4.4
31	20.0	31.5	24.7	68.6	20.921	18.2	0.0	0.0	0.0	8.5
Prom.	18.4	29.0	22.3	77.4	20.666	18.0	45.7	97.7	143.4	159.6

Estación EL LIMON

Municipio CHAPARRAL

Año 1.971

Altitud 990 metros

Latitud 3-43 N.

Longitud 75-38 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.6	29.5	23.9	73.1	21.637	18.7	0.4	0.0	0.4	5.7
2	19.6	30.5	23.2	77.5	21.267	18.3	1.2	0.0	1.2	3.5
3	19.0	29.0	22.9	72.2	20.468	17.8	2.4	1.1	3.5	7.1
4	19.0	29.0	22.2	81.7	21.910	18.9	1.6	22.5	24.1	2.1
5	19.0	29.0	22.4	78.7	21.152	18.4	0.0	0.0	0.0	6.6
6	17.6	29.0	22.5	83.3	22.346	19.2	0.0	0.0	0.0	7.5
7	18.3	29.5	23.4	74.8	21.574	18.7	0.0	21.0	21.0	7.4
8	18.8	27.0	21.2	89.4	22.649	19.5	0.4	24.4	24.8	2.6
9	18.8	27.5	21.7	83.3	21.621	18.7	0.0	21.5	21.5	4.1
10	17.8	27.0	20.4	85.0	20.390	17.8	12.2	0.0	12.2	2.6
11	16.6	31.2	24.0	75.6	22.107	19.0	0.1	0.0	0.1	10.5
12	18.4	30.0	24.8	74.5	23.122	19.8	0.2	1.6	1.8	8.8
13	18.0	28.0	21.6	80.9	20.981	18.3	0.0	0.0	0.0	2.8
14	17.7	29.5	22.9	74.9	21.029	18.3	0.0	6.0	6.0	10.3
15	18.6	29.0	23.2	81.5	22.847	19.6	0.0	18.6	18.6	6.0
16	18.0	27.5	21.1	86.2	21.938	19.0	0.0	0.0	0.0	3.0
17	19.0	27.5	21.4	79.5	20.298	17.7	4.7	0.0	4.7	2.0
18	17.6	28.8	23.0	76.3	20.956	18.2	0.0	0.0	0.0	4.3
19	16.8	29.0	23.3	72.0	20.415	17.7	0.0	0.3	0.3	7.0
20	18.6	27.0	21.6	86.3	22.291	19.2	18.6	35.9	54.5	1.6
21	19.0	25.5	20.1	82.4	19.284	16.5	2.3	0.0	2.3	1.3
22	19.0	30.5	22.7	78.4	21.701	18.8	0.0	0.0	0.0	7.3
23	18.8	30.0	24.0	71.7	21.560	18.7	0.0	0.0	0.0	7.2
24	19.5	29.5	22.5	74.4	20.049	17.5	0.0	0.0	0.0	3.1
25	18.6	29.8	22.9	75.4	20.780	18.1	0.0	0.0	0.0	5.8
26	19.0	29.0	23.7	81.9	24.210	20.5	0.0	0.0	0.0	2.3
27	18.8	31.0	23.9	70.4	21.213	18.4	0.0	0.0	0.0	10.2
28	17.6	31.0	25.0	73.4	22.500	19.3	0.0	5.2	5.2	8.9
29	19.0	29.0	22.7	78.6	21.732	18.8	0.0	6.6	6.6	4.3
30	19.0	27.0	21.7	87.7	22.911	19.7	6.1	0.7	6.8	2.9
Prom.	18.5	28.9	22.7	78.7	21.565	18.6	50.2	165.4	215.6	158.8

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	19.0	24.5	20.5	90.9	22.231	19.2	13.7	0.0	13.7	0.0
2	18.6	28.5	22.1	85.3	22.484	19.3	0.0	18.5	18.5	3.2
3	18.0	26.5	20.9	89.3	22.175	19.1	2.9	25.0	27.9	3.0
4	18.5	27.5	21.1	84.2	21.369	18.5	1.4	16.3	17.7	1.8
5	18.5	26.5	20.6	83.4	20.435	17.8	12.9	1.7	14.6	1.4
6	19.4	29.5	22.8	74.3	20.253	17.6	0.0	8.6	8.6	8.3
7	19.6	28.6	22.7	80.2	22.061	19.1	0.0	0.0	0.0	9.7
8	19.5	28.0	22.0	78.7	20.906	18.2	2.0	0.0	2.0	3.6
9	18.6	30.3	24.1	72.8	21.742	18.8	0.0	6.8	6.8	10.4
10	19.5	25.0	22.4	88.5	23.723	20.2	0.8	23.7	24.5	3.5
11	19.0	28.5	22.7	79.3	21.400	18.5	0.0	16.7	16.7	3.8
12	17.6	29.5	23.5	72.5	20.850	18.1	0.0	0.0	0.0	5.3
13	18.0	29.0	22.8	70.1	18.983	16.6	0.0	0.0	0.0	5.2
14	20.0	29.5	23.4	72.1	20.829	18.1	0.0	0.0	0.0	3.9
15	18.8	30.0	23.5	69.8	20.011	17.4	0.0	0.0	0.0	9.3
16	20.0	28.5	23.0	72.8	20.628	17.9	0.0	17.9	17.9	3.9
17	18.0	25.0	19.9	87.4	20.895	18.2	4.3	0.0	4.3	2.3
18	17.9	27.5	21.7	79.2	20.421	17.8	0.1	1.8	1.9	6.1
19	18.3	29.5	21.7	78.7	20.333	17.7	1.1	0.0	1.1	5.5
20	19.4	30.0	22.6	76.1	20.658	18.0	0.0	18.8	18.8	6.1
21	18.9	29.0	22.5	80.4	21.742	18.8	0.0	11.9	11.9	6.7
22	18.8	29.0	22.5	79.7	21.463	18.6	1.0	12.5	13.5	4.8
23	19.0	28.0	21.9	81.6	21.844	18.9	0.0	2.8	2.8	4.4
24	18.5	28.5	21.7	84.2	21.975	19.0	6.5	0.0	6.5	1.8
25	17.7	26.5	20.7	82.7	20.215	17.6	0.2	0.0	0.2	6.4
26	17.2	28.0	21.4	78.2	19.618	17.2	0.0	43.2	43.2	0.0
27	18.8	27.0	20.9	84.5	21.185	18.4	0.0	5.1	5.1	4.5
28	18.3	27.5	22.6	85.3	23.497	20.1	0.0	15.6	15.6	3.4
29	18.4	29.0	22.3	81.7	22.054	19.1	0.0	9.8	9.8	5.5
30	18.0	28.1	21.4	79.8	20.380	17.8	1.7	41.5	43.2	3.5
31	17.0	25.0	20.7	86.6	21.040	18.3	10.2	0.3	10.5	0.0
Prom.	18.6	28.0	22.0	80.3	21.206	18.4	58.8	298.5	357.3	137.3

Estación EL LIMON

Municipio CHAPARRAL

Año 1.971

Altitud 990 metros

Latitud 3-43 N.

Longitud 75-38 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.0	26.5	22.0	82.7	21.357	18.5	0.0	0.0	0.0	3.0
2	19.0	26.5	21.2	85.9	21.762	18.8	1.1	0.6	1.7	4.4
3	17.7	27.5	21.3	81.2	20.496	17.9	10.3	0.1	10.4	3.6
4	17.4	24.0	21.2	84.3	21.038	18.3	3.8	0.6	4.4	6.0
5	18.3	26.0	21.6	83.1	21.279	18.5	0.0	5.6	5.6	5.4
6	18.0	24.5	21.2	80.4	20.174	17.6	4.1	4.3	8.4	0.0
7	19.2	28.5	22.7	75.3	20.228	17.5	0.0	0.3	0.3	1.7
8	18.0	29.0	22.4	79.8	21.310	18.4	0.0	0.0	0.0	6.5
9	19.2	25.0	20.6	90.2	22.224	19.2	0.0	11.9	11.9	0.0
10	18.8	29.5	22.7	72.3	19.602	17.1	5.8	0.0	5.8	5.0
11	18.6	30.0	22.3	81.8	22.070	19.1	0.0	0.0	0.0	10.4
12	19.5	29.5	22.4	75.4	20.415	17.8	3.4	0.0	3.4	2.3
13	18.8	30.0	22.5	77.0	21.032	18.3	0.0	0.5	0.5	6.6
14	17.8	28.5	22.1	77.9	20.690	18.0	6.0	0.0	6.0	2.9
15	17.4	28.5	21.8	76.4	19.990	17.5	0.0	7.9	7.9	8.8
16	18.5	29.5	22.2	76.8	20.302	17.7	0.2	29.5	29.7	8.9
17	19.3	28.5	22.4	80.2	21.749	18.8	0.0	1.7	1.7	7.0
18	18.0	28.0	21.7	78.6	20.690	18.0	0.4	18.9	19.3	1.7
19	18.8	26.0	21.2	82.7	21.331	18.5	4.5	0.4	4.9	3.4
20	18.4	28.0	21.9	79.4	21.151	18.4	1.8	0.1	1.9	2.0
21	19.3	27.0	22.1	80.6	21.689	18.8	0.0	2.5	2.5	0.6
22	18.6	28.5	22.2	77.3	20.615	18.0	0.0	6.2	6.2	3.9
23	18.6	29.0	22.4	71.9	19.100	16.7	0.0	0.0	0.0	7.3
24	19.3	30.0	23.3	70.3	20.111	17.6	0.0	0.0	0.0	8.5
25	19.2	30.0	23.4	70.7	19.861	17.3	0.0	16.2	16.2	0.7
26	19.0	30.0	22.5	74.7	20.108	17.6	0.0	16.8	16.8	9.3
27	18.6	30.0	22.2	76.8	20.434	17.8	0.0	15.0	15.0	8.0
28	18.8	27.0	21.4	79.2	20.056	17.5	0.0	5.7	5.7	0.0
29	18.8	29.0	22.5	76.7	20.730	18.0	0.0	12.3	12.3	5.6
30	19.1	29.5	22.6	77.6	21.281	18.5	0.6	4.4	5.0	1.3
Prom.	18.6	28.1	22.1	78.6	20.763	18.1	42.0	161.5	203.5	134.8

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.8	29.0	23.2	78.5	21.918	18.9	2.5	0.0	2.5	7.8
2	19.5	28.0	22.6	79.2	22.063	19.1	0.0	0.0	0.0	5.7
3	18.1	26.6	22.1	79.3	21.407	18.6	0.0	10.4	10.4	7.9
4	17.8	26.0	21.1	81.9	20.753	18.1	1.1	0.0	1.1	1.9
5	17.1	27.0	20.9	73.6	17.683	15.3	0.0	0.6	0.6	9.8
6	18.8	30.0	22.5	74.3	20.003	17.4	0.0	0.0	0.0	6.3
7	19.0	31.5	22.8	69.7	19.056	16.7	0.0	0.0	0.0	8.4
8	19.6	30.5	23.3	69.2	19.737	17.3	0.0	0.0	0.0	9.8
9	19.0	30.0	23.4	67.1	19.182	16.8	0.0	0.0	0.0	7.5
10	18.8	30.0	23.2	69.7	19.857	17.4	0.0	21.5	21.5	10.2
11	19.2	28.0	22.0	72.3	18.800	16.3	0.0	5.5	5.5	9.0
12	19.4	29.0	22.9	73.7	20.646	18.0	0.5	0.9	1.4	6.6
13	19.0	29.0	22.0	72.7	19.085	16.7	0.0	0.0	0.0	4.8
14	17.5	30.0	22.4	68.9	18.838	16.6	0.0	0.0	0.0	10.0
15	17.5	30.5	22.4	72.3	19.085	16.7	0.0	0.0	0.0	8.1
16	18.0	28.5	22.3	69.6	18.642	16.3	0.6	0.0	0.6	0.0
17	19.0	28.5	22.5	70.0	18.865	16.5	0.0	2.1	2.1	5.0
18	17.5	24.5	21.1	83.9	21.144	18.4	8.3	0.1	8.4	0.0
19	18.5	26.0	21.1	76.4	19.570	17.1	0.0	0.0	0.0	1.8
20	19.0	27.5	21.5	76.6	19.582	17.2	0.2	10.5	10.7	5.3
21	18.0	25.7	21.5	84.4	21.697	18.8	0.7	11.7	12.4	0.8
22	19.0	25.0	20.7	85.2	21.061	18.3	0.9	1.1	2.0	0.6
23	18.5	23.6	20.1	90.3	21.468	18.6	0.8	0.0	0.8	0.2
24	18.0	25.5	21.3	83.2	20.830	18.1	1.3	0.0	1.3	1.4
25	18.5	26.3	21.5	82.4	21.140	18.4	0.3	0.7	1.0	3.8
26	16.0	25.5	21.0	85.1	21.024	18.3	0.0	4.9	4.9	0.9
27	18.0	26.0	21.1	85.8	21.195	18.4	0.5	0.0	0.5	2.1
28	19.5	26.5	21.0	89.3	22.469	19.4	3.4	0.0	3.4	3.0
29	18.0	26.5	20.8	83.7	20.268	17.6	3.9	18.4	22.3	2.4
30	18.5	29.0	22.5	76.1	20.033	17.3	0.3	0.1	0.4	6.7
31	18.0	28.7	21.3	80.1	20.092	17.5	0.0	9.0	9.0	3.9
Prom.	18.4	27.7	21.9	77.6	20.232	17.6	25.3	97.5	122.8	151.7

Estación **EL LIMON**
 Altitud **990** Metros

Municipio **CHAPARRAL**
 Latitud **3-43 N.**

Año **1.971**
 Longitud **75-38 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	18.1	27.3	21.6	16.4	31.0	82.9	21.380	18.5	405.8	27	128.2
FEBRERO	17.9	26.9	21.4	16.0	31.0	85.1	21.674	18.7	408.2	25	108.4
MARZO	18.7	27.9	22.2	17.0	31.5	85.2	22.780	19.6	620.1	27	109.9
ABRIL	18.7	28.0	22.2	17.3	31.0	84.4	22.579	19.4	448.6	22	132.8
MAYO	18.8	28.2	22.3	16.8	30.3	84.3	22.620	19.4	494.6	26	160.1
JUNIO	18.6	28.5	22.2	17.0	32.0	81.2	21.667	18.7	64.1	16	154.7
JULIO	18.7	29.4	22.7	17.0	32.5	77.2	21.149	18.3	132.1	20	188.4
AGOSTO	18.4	29.0	22.3	16.0	32.0	77.4	20.666	18.0	143.4	23	159.6
SEPTIEMBRE	18.5	28.9	22.7	16.6	31.2	78.7	21.565	18.6	215.6	19	158.8
OCTUBRE	18.6	28.0	22.0	17.0	30.3	80.3	21.206	18.4	357.3	26	137.3
NOVIEMBRE	18.6	28.1	22.1	17.4	30.0	78.6	20.763	18.1	203.5	25	134.8
DICIEMBRE	18.4	27.7	21.9	16.0	31.5	77.6	20.232	17.6	122.8	22	151.7
PROMEDIO	18.5	28.2	22.1	16.7	31.2	81.1	21.523	18.6			
TOTAL									3616.1	278	1724.7

Estación **LA MONTAÑA**
 Altitud **1.260** metros

Municipio **DOLORES**
 Latitud **3-33 N.**

Año **1.971**
 Longitud **74-54 W.**

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	18.0	26.5	22.1	87.1	23.173	19.8	0.0	0.0	0.0	10.0
2	18.0	26.0	22.5	80.8	22.283	19.2	0.0	0.0	0.0	3.7
3	18.3	25.5	20.6	85.5	20.761	18.0	27.0	0.0	27.0	6.9
4	17.8	22.3	19.9	93.6	21.785	18.9	1.6	2.6	4.2	0.9
5	17.0	22.0	19.0	85.9	19.031	16.7	1.8	9.5	11.3	0.7
6	17.5	24.5	19.8	79.8	18.557	16.3	10.9	48.8	59.7	2.2
7	16.4	22.5	19.0	87.0	19.007	16.7	53.6	20.9	74.5	2.3
8	16.0	22.0	19.3	94.2	21.092	18.3	5.9	25.3	31.2	1.3
9	17.1	22.5	19.2	90.1	20.068	17.6	0.9	0.0	0.9	2.1
10	16.0	22.2	19.3	91.4	20.553	17.9	0.0	0.0	0.0	2.2
11	16.5	23.0	19.4	94.1	21.312	18.4	3.7	0.1	3.8	6.5
12	17.0	25.0	20.3	91.6	21.510	18.7	0.4	5.2	5.6	3.7
13	17.3	24.2	20.6	90.2	21.707	18.8	0.8	0.0	0.8	4.7
14	17.5	25.0	20.6	87.4	21.406	18.5	0.0	34.6	34.6	5.6
15	17.6	25.0	20.8	91.4	22.371	19.3	0.0	0.0	0.0	4.1
16	17.7	26.0	21.5	87.0	22.441	19.3	0.0	5.2	5.2	6.8
17	17.6	24.0	20.1	90.1	21.251	18.4	0.1	0.0	0.1	4.8
18	17.8	24.0	20.5	94.4	22.796	19.6	0.5	64.9	65.4	4.5
19	17.0	22.4	19.0	99.2	22.008	19.0	13.0	36.3	49.3	0.6
20	17.0	21.4	18.8	97.2	21.166	18.4	1.7	13.8	15.5	0.5
21	16.0	23.0	19.9	89.0	20.317	17.7	0.0	3.7	3.7	4.7
22	17.5	23.0	19.9	96.0	22.336	19.2	0.0	0.0	0.0	3.7
23	17.0	25.3	20.7	84.5	20.151	17.6	0.0	0.0	0.0	8.4
24	17.6	25.0	20.6	84.3	20.603	17.9	0.0	0.0	0.0	5.6
25	16.9	24.0	19.4	92.3	20.891	18.2	0.0	0.0	0.0	3.8
26	17.0	22.4	19.8	92.5	21.465	18.6	0.0	0.0	0.0	2.0
27	17.5	24.0	19.6	89.1	20.130	17.6	0.0	0.0	0.0	1.9
28	17.0	24.0	19.6	82.9	18.869	16.6	0.0	0.0	0.0	5.7
29	17.0	24.5	19.8	81.9	18.856	16.6	0.0	0.0	0.0	4.8
30	16.5	26.0	21.5	65.9	16.202	14.1	0.0	0.0	0.0	8.4
31	16.9	27.0	20.7	83.1	20.567	17.9	0.0	0.0	0.0	8.8
Prom.	17.2	24.0	20.1	88.4	20.796	18.1	121.9	270.9	392.8	131.9

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	23.6	19.8	84.4	19.399	17.0	0.0	64.5	64.5	3.9
2	16.0	23.6	19.7	84.7	19.112	16.8	0.0	0.2	0.2	7.8
3	16.0	21.4	19.0	84.6	18.565	16.3	0.1	0.0	0.1	1.6
4	16.5	23.0	20.1	84.8	19.989	17.4	0.0	1.6	1.6	4.8
5	16.9	22.2	18.5	91.0	19.812	17.3	19.2	0.0	19.2	0.7
6	16.0	24.0	19.4	80.8	18.172	16.0	0.0	6.1	6.1	6.6
7	17.3	24.4	20.4	67.4	15.987	13.9	0.0	0.0	0.0	5.2
8	16.5	24.0	19.8	76.1	17.304	15.2	0.0	0.3	0.3	6.1
9	17.4	24.9	20.7	78.4	18.895	16.6	0.6	0.0	0.6	8.1
10	17.4	23.3	20.2	82.9	19.525	17.1	0.0	0.0	0.0	5.7
11	16.9	24.0	20.3	77.1	18.317	16.1	0.0	20.1	20.1	9.0
12	16.2	23.2	19.4	83.4	18.611	16.4	3.2	0.0	3.2	7.2
13	16.0	24.0	19.8	83.0	19.095	16.8	0.0	0.0	0.0	4.9
14	16.0	21.6	18.7	89.0	19.369	17.0	0.0	0.0	0.0	6.2
15	16.0	24.0	19.8	74.1	16.937	14.9	2.1	0.0	2.1	6.0
16	16.8	23.0	19.0	88.8	19.554	17.1	0.0	0.0	0.0	2.5
17	17.0	23.0	18.7	87.3	18.840	16.6	0.6	0.0	0.6	1.4
18	16.0	21.4	18.9	82.1	17.831	15.6	0.0	0.4	0.4	3.5
19	16.0	20.4	18.5	89.1	18.914	16.6	2.0	4.6	6.6	1.4
20	16.0	21.4	18.8	84.3	18.412	16.2	0.1	0.4	0.5	0.5
21	15.9	20.8	17.8	85.5	17.554	15.4	0.0	0.0	0.0	0.4
22	16.0	19.0	17.7	90.6	18.413	16.2	15.7	0.0	15.7	0.0
23	15.0	22.0	17.6	87.9	17.961	15.7	1.1	0.0	1.1	1.7
24	15.9	24.0	19.6	70.4	16.179	14.1	0.0	0.0	0.0	6.2
25	15.8	26.0	21.3	54.9	13.339	11.2	0.0	3.2	3.2	9.3
26	17.5	20.6	18.7	69.3	14.823	12.7	0.1	0.0	0.1	0.0
27	16.0	27.0	21.9	52.6	13.539	11.5	0.0	8.8	8.8	7.5
28	16.0	24.4	19.9	72.0	16.547	14.5	0.0	0.0	0.0	6.2
Prom.	16.4	23.0	19.4	79.9	17.893	15.7	44.8	110.2	155.0	124.4

Estación **LA MONTAÑA**
 Altitud **1.260** metros

Municipio **DOLORES**
 Latitud **3-33 N.**

Año **1.971**
 Longitud **74-54 W.**

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.9	25.4	20.7	71.3	17.093	14.8	0.0	0.1	0.1	7.4
2	17.0	25.0	19.8	79.7	18.425	16.2	0.0	0.0	0.0	7.1
3	17.0	25.0	19.5	80.0	18.188	16.0	12.1	15.6	27.7	3.0
4	16.0	22.4	18.9	88.6	19.431	17.1	0.0	1.3	1.3	2.3
5	15.9	24.0	19.3	76.3	17.136	14.7	0.0	0.6	0.6	4.5
6	16.5	26.0	22.0	53.9	14.101	12.1	0.0	0.0	0.0	10.4
7	16.9	27.0	21.6	58.6	14.987	13.0	0.0	0.0	0.0	9.1
8	16.0	24.0	20.3	76.5	18.088	15.8	0.0	0.0	0.0	4.3
9	16.0	25.0	20.7	82.6	19.876	17.4	0.0	0.0	0.0	8.5
10	17.5	24.0	20.5	78.2	18.404	16.1	0.0	0.0	0.0	4.5
11	16.0	25.0	21.6	84.5	21.751	18.8	0.0	2.4	2.4	6.8
12	17.0	22.0	19.0	72.9	16.266	14.1	0.0	1.6	1.6	1.4
13	16.5	21.4	18.3	81.3	17.342	15.3	0.0	0.0	0.0	9.1
14	17.0	23.0	19.4	92.1	20.919	18.2	0.0	16.5	16.5	2.2
15	17.0	22.0	18.9	90.2	19.518	17.1	0.0	0.4	0.4	0.3
16	17.0	22.4	19.5	81.7	18.474	16.2	0.0	0.0	0.0	0.0
17	17.0	23.0	20.5	76.6	18.370	16.0	0.0	9.0	9.0	0.5
18	17.0	21.0	18.9	91.2	19.854	17.4	0.0	12.2	12.2	0.9
19	16.6	23.4	19.4	88.5	19.761	17.3	0.0	1.6	1.6	2.7
20	17.0	20.0	17.8	91.7	18.862	16.6	0.0	27.5	27.5	0.2
21	16.5	22.0	18.6	85.6	18.401	16.2	0.0	1.9	1.9	1.3
22	16.5	26.0	20.5	76.3	18.407	16.2	0.0	25.1	25.1	4.1
23	16.9	25.0	19.4	82.3	18.520	16.3	0.0	57.8	57.8	3.1
24	16.5	24.9	20.0	88.9	20.733	18.1	0.0	38.5	38.5	3.8
25	16.5	24.0	19.9	84.6	19.661	17.2	0.0	13.6	13.6	4.3
26	17.0	24.0	18.9	85.9	18.728	16.5	0.0	37.0	37.0	2.4
27	15.5	24.0	19.8	85.5	19.726	17.3	0.0	0.2	0.2	3.8
28	16.0	22.0	19.6	85.3	19.294	16.9	0.0	12.0	12.0	1.2
29	16.7	22.0	18.3	89.8	18.936	16.6	0.0	0.0	0.0	2.1
30	15.5	23.0	18.5	87.1	18.972	16.7	0.0	30.9	30.9	0.8
31	15.5	23.0	18.8	83.2	18.128	15.9	0.0	20.4	20.4	4.6
Prom.	16.5	23.6	19.6	81.6	18.592	16.3	12.1	326.2	338.3	116.7

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	21.0	17.7	91.2	18.654	16.4	24.6	1.8	26.4	0.0
2	15.5	23.5	18.1	84.4	17.555	15.4	0.0	41.7	41.7	5.1
3	15.6	22.0	17.6	84.3	16.966	14.9	0.2	0.1	0.3	1.2
4	15.5	23.0	19.4	83.2	18.663	16.4	0.0	0.0	0.0	6.2
5	15.9	23.0	20.3	69.1	16.304	14.2	0.0	0.0	0.0	3.0
6	16.0	26.0	20.2	64.1	15.077	13.1	0.0	0.0	0.0	8.7
7	16.0	23.0	19.7	83.2	19.232	16.9	0.0	19.9	19.9	5.3
8	16.0	24.0	20.3	83.9	19.967	17.5	0.0	33.3	33.3	4.7
9	17.0	23.0	19.7	88.5	20.317	17.8	4.7	2.2	6.9	2.1
10	17.6	23.0	20.5	86.0	20.762	18.1	0.0	0.0	0.0	1.7
11	17.0	24.0	20.1	82.5	19.248	16.8	2.9	0.0	2.9	5.5
12	17.0	25.0	20.4	83.2	19.619	17.2	0.4	37.7	38.1	6.8
13	15.8	23.1	19.4	85.9	19.382	17.0	0.6	0.0	0.6	3.6
14	17.0	25.0	20.3	82.2	19.533	17.1	0.1	23.5	23.6	2.2
15	16.6	24.4	19.1	86.2	18.858	16.6	11.7	0.6	12.3	4.1
16	17.0	24.9	19.7	83.8	19.285	16.9	0.1	4.1	4.2	4.2
17	17.0	23.0	19.4	92.1	20.555	17.9	8.2	46.3	54.5	2.1
18	16.0	23.0	18.6	84.0	17.873	15.7	1.3	2.2	3.5	2.0
19	16.8	21.0	17.5	89.2	17.999	15.9	0.1	0.4	0.5	3.3
20	16.0	24.0	19.2	84.2	18.801	16.5	0.0	41.8	41.8	3.2
21	16.0	21.0	17.2	90.6	17.960	15.8	5.4	0.0	5.4	0.0
22	16.0	25.0	19.5	71.7	16.275	14.3	0.2	5.9	6.1	5.6
23	16.0	22.6	19.2	72.1	16.092	14.0	2.1	0.0	2.1	2.9
24	16.0	24.0	20.3	64.6	15.840	13.5	0.0	0.0	0.0	5.8
25	17.0	26.0	21.2	56.9	14.211	12.2	0.0	0.0	0.0	8.9
26	17.0	25.0	20.9	56.7	13.879	11.9	0.0	1.8	1.8	10.2
27	16.0	25.6	20.2	71.2	16.646	14.5	0.0	0.9	0.9	9.4
28	16.4	22.4	19.6	71.1	15.961	13.8	0.0	0.0	0.0	0.5
29	16.0	27.0	20.2	61.5	14.175	12.1	0.0	0.0	0.0	9.9
30	16.5	25.0	20.3	73.5	17.480	15.4	0.0	2.1	2.1	6.4
Prom.	16.3	23.8	19.5	78.7	17.772	15.5	62.6	266.3	328.9	134.6

Estación **LA MONTAÑA**
 Altitud **1.260** metros

Municipio **DOLORES**
 Latitud **3-33 N.**

Año **1.971**
 Longitud **74-54 W.**

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	22.0	17.4	87.2	17.455	15.4	8.3	0.0	8.3	1.3
2	16.0	23.0	18.8	87.0	18.788	16.5	10.5	10.5	21.0	3.4
3	16.0	24.0	19.8	70.1	15.795	13.7	0.0	0.0	0.0	6.7
4	17.0	23.0	18.9	89.9	19.713	17.3	1.0	3.7	4.7	3.4
5	16.4	22.4	19.8	86.1	19.780	17.3	1.7	26.4	28.1	2.5
6	16.8	20.0	17.5	90.3	18.194	16.0	4.9	0.0	4.9	0.2
7	16.0	26.0	20.6	73.9	17.868	15.5	0.0	0.8	0.8	10.5
8	16.9	24.0	20.5	77.1	18.251	16.1	0.0	0.9	0.9	3.6
9	16.8	24.0	20.2	70.0	16.598	14.5	0.2	0.1	0.3	6.2
10	17.4	24.0	20.4	67.5	16.124	14.1	0.0	2.8	2.8	6.3
11	16.4	24.0	19.8	77.2	17.902	15.7	0.0	0.0	0.0	6.0
12	16.9	25.0	21.0	64.5	15.868	13.9	0.0	0.0	0.0	7.3
13	16.9	24.8	20.7	58.6	13.984	11.9	0.0	0.3	0.3	7.3
14	17.0	21.3	18.3	93.3	19.656	17.2	3.8	0.0	3.8	0.1
15	15.0	23.6	20.1	81.4	19.101	16.7	0.0	6.8	6.8	2.6
16	15.5	23.0	18.3	89.3	18.872	16.6	4.2	0.0	4.2	3.8
17	16.4	22.0	18.3	90.0	19.056	16.7	1.6	0.0	1.6	2.2
18	16.0	23.0	19.3	91.8	20.599	18.0	6.4	4.6	11.0	3.4
19	16.5	24.0	19.3	90.6	20.459	17.8	0.0	0.3	0.3	3.1
20	16.8	22.4	19.7	75.8	17.573	15.3	0.0	0.0	0.0	4.9
21	16.6	26.0	20.9	74.3	18.504	16.2	0.0	10.7	10.7	10.4
22	16.3	23.6	19.3	84.9	18.857	16.6	0.0	27.9	27.9	4.9
23	15.0	21.0	18.0	84.3	17.386	15.3	6.8	0.0	6.8	3.0
24	15.0	23.0	18.6	83.6	18.112	15.9	6.9	23.3	30.2	6.6
25	14.6	22.4	18.2	82.5	17.231	15.1	15.9	3.5	19.4	2.7
26	15.8	23.0	17.9	89.6	18.267	16.1	2.9	0.0	2.9	4.2
27	15.5	24.0	20.3	76.4	18.520	16.1	4.9	1.4	6.3	7.0
28	17.8	25.9	22.1	59.9	15.707	13.7	0.0	0.0	0.0	8.1
29	18.4	26.9	21.9	61.2	16.043	14.0	0.0	0.5	0.5	5.5
30	19.3	25.0	21.2	65.7	16.493	14.5	0.0	0.0	0.0	1.5
31	17.9	25.0	20.8	56.4	13.817	11.8	0.0	0.0	0.0	7.7
Prom.	16.5	23.6	19.6	78.4	17.760	15.5	80.0	124.5	204.5	146.4

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	26.0	21.2	58.6	14.668	12.7	0.0	0.0	0.0	8.6
2	16.0	25.0	19.3	82.0	18.453	16.1	0.0	0.0	0.0	6.1
3	17.0	25.0	21.5	66.0	16.615	14.6	0.0	0.0	0.0	6.0
4	19.0	27.0	21.5	66.4	17.202	15.1	3.5	1.2	4.7	7.1
5	17.5	24.0	20.2	80.0	18.895	16.6	0.0	7.8	7.8	5.8
6	15.9	24.0	19.2	81.2	18.239	16.1	6.9	0.0	6.9	3.3
7	17.0	20.0	17.9	86.2	17.953	15.8	4.5	0.0	4.5	0.0
8	15.0	25.0	19.8	70.0	16.281	14.2	0.0	0.0	0.0	6.8
9	16.8	23.3	19.3	80.1	18.214	16.0	11.4	0.0	11.4	3.4
10	15.9	25.4	20.8	62.3	15.185	13.2	0.0	0.0	0.0	6.7
11	16.4	25.0	20.8	66.8	16.104	14.1	0.0	1.7	1.7	4.2
12	16.0	20.0	17.6	57.5	11.706	9.3	2.5	0.2	2.7	0.1
13	15.0	22.0	19.2	88.2	19.531	17.0	0.0	0.0	0.0	4.5
14	16.0	25.0	19.3	78.6	17.314	15.2	3.9	2.4	6.3	7.3
15	15.0	22.0	18.3	81.6	17.376	15.2	5.1	0.0	5.1	3.8
16	16.0	24.0	19.8	67.2	15.574	13.5	0.0	0.0	0.0	7.2
17	16.0	25.0	20.2	61.9	14.697	12.7	0.9	0.0	0.9	8.2
18	16.0	20.5	17.2	83.5	16.722	14.6	0.0	0.0	0.0	1.3
19	14.8	22.0	18.0	82.0	16.774	14.8	4.2	0.1	4.3	4.1
20	14.6	22.4	18.3	77.2	16.018	14.0	0.0	0.0	0.0	6.3
21	14.8	25.0	19.8	68.6	15.408	13.4	0.0	0.0	0.0	5.5
22	16.9	23.0	19.6	84.0	19.433	17.0	0.0	0.0	0.0	4.1
23	15.0	26.0	21.2	64.7	15.700	13.7	0.0	0.0	0.0	10.6
24	18.0	23.6	20.6	63.5	15.237	13.3	0.0	0.0	0.0	6.5
25	18.0	26.0	22.5	56.2	14.979	13.0	0.0	2.4	2.4	9.6
26	15.9	22.6	19.1	73.8	16.087	14.1	0.0	0.2	0.2	2.8
27	16.5	24.0	20.0	65.5	15.316	13.3	0.0	0.0	0.0	1.8
28	17.1	24.0	20.2	69.2	16.407	14.4	0.0	1.4	1.4	7.2
29	16.5	20.0	19.0	69.0	14.761	12.7	0.0	0.0	0.0	0.0
30	15.9	25.4	20.9	60.3	14.912	12.9	0.0	0.0	0.0	6.0
Prom.	16.2	23.7	19.7	71.7	16.392	14.3	42.9	17.4	60.3	154.9

Estación LA MONTANA
 Altitud 1.260 metros

Municipio DOLORES
 Latitud 3-33 N.

Año 1.971
 Longitud 74-54 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	23.0	18.5	86.1	18.549	16.3	14.2	1.1	15.3	4.8
2	16.0	24.0	20.8	64.1	15.473	13.5	0.0	3.8	3.8	8.5
3	16.2	23.6	20.4	75.8	18.198	16.0	0.0	1.1	1.1	6.5
4	16.0	22.0	19.0	88.9	19.384	17.0	0.0	0.0	0.0	0.3
5	16.0	24.0	19.0	81.2	17.608	15.4	7.6	0.0	7.6	7.3
6	16.0	26.0	21.7	56.0	14.660	12.5	0.0	0.0	0.0	10.4
7	16.9	23.0	19.9	80.3	18.790	16.5	0.5	0.0	0.5	2.7
8	16.0	25.0	20.3	55.4	13.253	11.1	0.0	0.2	0.2	11.0
9	17.0	24.0	20.5	62.9	15.091	13.1	0.0	1.0	1.0	8.8
10	16.9	23.0	20.0	62.3	14.380	12.3	0.0	0.0	0.0	6.4
11	16.5	24.0	20.1	68.2	16.014	14.0	1.3	0.9	2.2	3.5
12	17.0	25.0	20.0	65.2	15.609	13.6	0.3	4.9	5.2	8.2
13	16.6	24.6	19.9	75.5	17.911	15.5	0.0	5.0	5.0	5.1
14	17.0	22.0	18.3	78.2	16.489	14.5	0.5	0.9	1.4	0.4
15	16.5	23.0	19.7	56.2	13.020	10.8	0.0	0.0	0.0	8.4
16	16.0	25.0	21.0	50.8	12.662	10.4	0.0	0.0	0.0	9.3
17	16.0	26.0	20.9	56.1	13.781	11.7	0.0	0.0	0.0	7.9
18	16.9	26.3	21.3	61.8	15.622	13.6	0.0	0.0	0.0	7.9
19	18.0	24.0	20.7	59.9	14.801	12.8	0.0	0.5	0.5	6.2
20	17.0	26.0	21.4	61.7	15.648	13.7	0.0	0.0	0.0	9.3
21	17.0	25.0	21.6	62.0	16.088	14.1	0.0	0.1	0.1	7.4
22	18.0	26.0	20.6	63.3	15.658	13.7	0.3	0.5	0.8	7.5
23	17.0	25.0	21.3	58.6	14.907	12.9	0.0	2.0	2.0	8.1
24	16.0	26.0	20.5	68.2	16.364	14.4	0.0	0.0	0.0	8.5
25	16.0	28.0	22.6	61.9	16.457	14.5	0.0	1.5	1.5	7.7
26	16.4	24.0	19.4	66.6	14.957	12.9	0.0	0.0	0.0	2.9
27	14.9	26.0	21.2	63.0	15.281	13.3	0.0	0.0	0.0	8.9
28	17.5	23.0	20.3	75.9	18.050	15.9	0.0	0.0	0.0	3.0
29	16.0	27.0	21.3	60.3	14.946	13.0	0.3	0.0	0.3	9.3
30	16.6	26.4	21.9	56.9	14.469	12.5	0.0	0.0	0.0	9.3
31	16.4	26.0	21.2	67.9	17.043	15.0	0.0	0.0	0.0	7.1
Prom.	16.5	24.7	20.5	66.2	15.844	13.8	25.0	23.5	48.5	212.6

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	24.0	19.4	68.9	16.036	13.9	0.0	0.4	0.4	1.3
2	16.0	25.0	20.3	59.9	14.156	12.1	0.0	0.0	0.0	7.6
3	15.5	26.0	21.7	60.5	15.603	13.6	0.0	0.0	0.0	4.5
4	16.9	26.0	19.5	74.4	16.750	14.6	0.0	14.2	14.2	6.3
5	15.5	23.0	19.1	79.8	17.671	15.6	0.0	0.0	0.0	6.6
6	15.9	22.9	20.1	76.2	18.053	15.7	9.5	0.0	9.5	2.6
7	16.0	25.0	20.3	66.8	15.451	13.4	0.0	11.3	11.3	7.8
8	15.4	22.9	18.5	76.4	16.305	14.3	5.0	0.0	5.0	5.2
9	16.0	24.0	20.5	65.8	15.509	13.5	0.0	0.0	0.0	8.4
10	16.6	26.0	20.9	56.4	13.948	11.9	0.0	0.0	0.0	7.2
11	16.6	26.0	21.5	57.5	14.636	12.7	0.0	6.2	6.2	7.8
12	15.8	22.0	18.7	84.7	18.513	16.3	0.5	0.0	0.5	3.7
13	15.0	26.0	21.0	72.2	17.450	15.3	0.0	0.0	0.0	10.1
14	17.0	23.6	19.9	61.7	14.429	12.4	0.2	0.0	0.2	2.2
15	15.9	23.0	18.8	73.5	16.124	14.1	0.9	0.0	0.9	2.0
16	14.9	25.6	20.6	68.3	15.991	14.0	0.0	0.0	0.0	7.7
17	16.0	23.4	20.1	74.4	17.092	14.9	0.0	0.0	0.0	3.0
18	16.5	25.0	19.8	64.9	14.844	12.8	3.9	4.4	8.3	6.6
19	17.0	23.6	20.0	78.0	17.931	15.8	0.0	0.1	0.1	4.8
20	17.0	25.0	21.5	62.8	15.765	13.8	0.2	0.2	0.4	3.7
21	17.4	27.0	22.3	59.3	15.972	13.9	0.0	0.0	0.0	6.8
22	17.0	25.4	20.4	76.8	18.247	16.0	0.6	0.0	0.6	7.6
23	17.3	26.0	21.6	71.4	17.680	15.5	0.0	1.0	1.0	7.1
24	15.0	22.0	18.8	82.1	18.091	15.9	3.2	0.0	3.2	1.0
25	17.0	26.9	21.4	56.1	14.257	12.2	0.0	4.8	4.8	6.2
26	17.0	26.0	20.2	73.5	17.200	15.1	0.0	0.0	0.0	7.2
27	17.0	25.8	21.2	51.6	12.705	10.5	0.0	0.0	0.0	1.9
28	18.0	26.0	21.3	51.4	12.950	10.8	0.0	0.2	0.2	5.9
29	17.0	25.9	21.1	64.8	15.567	13.6	0.0	0.0	0.0	6.9
30	18.0	25.0	21.1	58.1	14.554	12.5	0.0	0.0	0.0	7.3
31	17.6	28.0	22.2	54.8	14.576	12.6	0.0	0.0	0.0	7.5
Prom.	16.4	24.9	20.4	67.2	15.937	13.8	24.0	42.8	66.8	174.5

Estación **LA MONTANA**
 Altitud **1.260** metros

Municipio **DOLOROS**
 Latitud **3-33 N.**

Año **1.971**
 Longitud **74-54 W.**

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	23.3	21.6	55.4	14.298	12.3	4.1	0.0	4.1	2.5
2	17.6	25.4	20.1	69.0	16.012	14.0	0.0	1.6	1.6	5.4
3	15.9	27.0	21.7	54.3	13.993	11.9	0.0	1.9	1.9	7.8
4	15.9	23.4	19.4	73.9	16.502	14.5	0.3	0.0	0.3	3.0
5	17.0	26.0	20.9	67.9	16.768	14.7	0.0	0.0	0.0	9.1
6	15.9	23.6	18.9	82.7	17.965	15.8	1.9	0.3	2.2	3.1
7	15.0	23.6	19.0	78.6	16.813	14.7	14.0	12.6	26.6	5.4
8	15.0	21.6	17.8	91.2	18.431	16.2	2.4	0.0	2.4	3.2
9	16.0	22.0	18.7	86.1	18.811	16.4	12.6	0.3	12.9	4.9
10	15.0	22.0	18.5	88.7	18.804	16.5	5.3	0.0	5.3	3.7
11	15.5	27.0	21.2	65.5	15.452	13.4	0.0	0.0	0.0	8.7
12	17.0	27.0	20.2	65.1	15.124	13.1	6.5	2.3	8.8	6.3
13	15.3	24.6	20.7	64.6	15.291	13.3	0.0	0.0	0.0	9.7
14	13.0	24.1	19.6	63.5	13.874	11.7	0.0	0.0	0.0	10.3
15	14.6	22.0	18.8	80.5	17.472	15.4	3.8	0.0	3.8	3.6
16	15.7	21.0	18.9	77.4	16.736	14.3	7.9	0.0	7.9	3.0
17	16.0	23.1	20.4	55.1	13.094	10.9	0.0	0.0	0.0	3.9
18	17.0	26.0	21.0	56.1	13.612	11.5	0.0	0.0	0.0	6.3
19	16.0	24.0	20.7	65.9	15.506	13.5	0.0	0.0	0.0	6.0
20	16.0	23.0	19.7	81.8	18.590	16.2	0.6	0.0	0.6	2.4
21	17.0	24.0	19.7	68.6	15.679	13.6	0.0	0.0	0.0	3.3
22	17.3	27.0	22.8	56.6	15.415	13.4	0.0	0.0	0.0	9.0
23	16.9	28.0	22.8	53.8	14.593	12.6	0.0	0.0	0.0	9.5
24	17.0	27.3	21.8	56.2	14.436	12.4	0.0	0.0	0.0	5.1
25	17.6	25.0	21.3	64.9	16.086	14.0	0.0	0.0	0.0	3.2
26	17.3	25.0	21.0	63.1	15.215	13.0	0.0	0.0	0.0	6.1
27	16.0	26.0	21.3	57.5	14.041	11.8	0.0	0.0	0.0	10.0
28	16.0	26.0	21.4	68.0	16.856	14.4	0.0	0.0	0.0	7.7
29	17.0	25.0	21.3	65.0	16.164	14.1	0.0	0.5	0.5	6.2
30	16.4	25.0	20.9	70.4	16.889	14.7	1.2	0.1	1.3	4.7
Prom.	16.2	24.6	20.4	68.2	15.951	13.8	60.6	19.6	80.2	173.1

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	19.0	18.2	89.1	18.636	16.3	22.1	0.0	22.1	0.0
2	15.9	22.0	19.1	80.1	17.672	15.5	4.6	0.2	4.8	1.3
3	17.4	22.2	18.2	91.5	19.131	16.8	26.7	0.0	26.7	1.5
4	16.0	20.0	17.3	94.6	19.007	16.7	22.5	0.0	22.5	0.1
5	15.6	22.0	18.3	80.7	16.966	14.9	14.1	0.0	14.1	0.5
6	15.6	27.0	21.4	60.2	14.722	12.6	0.0	1.4	1.4	6.4
7	17.0	23.3	20.0	83.3	19.365	17.0	1.3	0.0	1.3	6.1
8	16.3	25.0	21.0	69.3	16.800	14.7	0.0	0.0	0.0	6.6
9	18.0	27.4	22.3	59.8	15.568	13.5	0.0	0.2	0.2	9.3
10	18.0	25.0	21.5	66.4	16.993	14.9	0.0	0.0	0.0	3.4
11	16.8	22.0	19.1	84.2	18.575	16.3	0.2	0.0	0.2	3.9
12	15.9	24.4	20.1	73.8	17.295	15.0	3.6	0.0	3.6	7.4
13	17.4	24.4	20.0	59.9	13.899	11.9	0.6	0.0	0.6	7.1
14	17.0	26.0	20.4	58.1	13.750	11.6	0.0	0.0	0.0	6.2
15	15.6	26.0	21.0	63.5	15.575	13.4	0.0	0.0	0.0	10.0
16	17.7	24.0	20.5	70.0	16.796	14.7	0.1	1.6	1.7	3.5
17	16.0	23.0	18.5	87.2	18.593	16.3	0.6	0.0	0.6	3.0
18	17.1	23.0	19.8	76.2	17.421	15.2	0.0	2.5	2.5	5.8
19	14.6	24.0	19.6	76.2	16.967	14.9	0.0	4.8	4.8	6.1
20	15.0	26.0	21.0	66.5	15.799	13.7	0.0	0.2	0.2	6.4
21	17.0	26.0	21.3	67.6	17.067	14.9	0.0	0.0	0.0	5.2
22	17.4	23.6	19.5	75.8	17.314	15.2	13.9	0.4	14.3	3.1
23	17.0	24.0	20.1	83.0	19.127	16.8	10.0	7.7	17.7	6.4
24	16.0	24.3	19.9	74.9	17.009	15.0	0.0	0.3	0.3	6.5
25	17.3	24.0	19.5	74.6	16.692	14.6	0.0	29.1	29.1	4.9
26	16.3	25.0	20.0	75.5	17.411	15.4	0.1	4.6	4.7	7.0
27	17.0	24.0	18.9	84.5	18.713	16.4	0.0	4.5	4.5	4.8
28	17.3	22.6	19.3	82.3	18.254	16.0	6.9	0.3	7.2	2.4
29	17.0	24.0	19.6	76.7	17.673	15.5	2.8	0.1	2.9	4.2
30	17.0	22.6	19.9	82.5	18.863	16.6	3.4	2.9	6.3	1.0
31	17.3	22.9	19.3	89.3	19.959	17.5	1.5	49.2	50.7	0.8
Prom.	16.6	23.8	19.8	76.0	17.342	15.2	135.0	110.0	245.0	140.9

Estación LA MONTANA

Municipio DOLORES

Año 1.971

Altitud 1.260 metros

Latitud 3-33 N.

Longitud 74-54 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	20.0	17.6	88.8	18.050	15.9	1.5	1.4	2.9	0.5
2	16.6	22.9	18.7	86.0	18.591	16.3	1.8	17.2	19.0	4.7
3	16.9	24.0	18.6	84.3	18.199	16.0	19.6	19.5	39.1	2.1
4	16.3	23.6	19.9	85.3	19.600	17.2	0.8	21.6	22.4	5.2
5	16.9	24.0	19.3	87.1	19.448	17.0	28.0	6.8	34.8	4.5
6	17.5	23.0	19.3	88.1	19.710	17.2	0.2	0.0	0.2	2.8
7	17.1	24.0	19.5	66.8	15.019	12.9	0.0	0.0	0.0	8.1
8	18.3	24.0	20.7	72.9	17.813	15.6	0.0	1.3	1.3	5.3
9	16.0	21.0	17.8	88.9	18.407	16.1	0.0	0.0	0.0	1.1
10	15.1	25.3	20.4	58.5	14.073	12.0	0.0	0.0	0.0	8.8
11	15.9	25.0	19.5	81.1	18.425	16.2	0.0	0.0	0.0	9.0
12	16.5	25.4	20.6	85.6	20.725	18.1	0.0	0.6	0.6	5.8
13	17.0	25.0	19.9	82.5	19.233	16.9	0.2	0.0	0.2	0.0
14	17.6	22.4	19.8	79.4	18.525	16.0	6.7	2.8	9.5	2.5
15	15.0	23.0	19.2	91.2	20.369	17.7	10.9	0.0	10.9	4.7
16	15.5	25.0	19.5	82.5	18.920	16.6	0.0	0.0	0.0	8.2
17	17.0	24.0	19.9	82.0	19.174	16.8	0.0	1.4	1.4	3.9
18	16.5	24.0	19.7	76.9	17.399	15.2	0.0	3.4	3.4	6.1
19	16.0	21.0	18.6	91.1	19.531	17.1	0.0	0.1	0.1	2.7
20	16.0	22.0	18.4	86.1	18.110	15.9	0.0	0.2	0.2	6.1
21	16.0	21.0	18.6	91.7	19.652	17.2	0.0	1.6	1.6	1.5
22	16.5	22.0	19.5	82.2	18.311	16.1	2.2	7.6	9.8	4.6
23	16.5	24.0	20.0	78.6	18.032	15.8	0.9	3.9	4.8	7.0
24	16.5	23.3	20.0	81.8	18.958	16.7	0.6	33.5	34.1	5.8
25	17.1	23.9	20.3	82.8	19.405	17.0	0.4	0.0	0.4	7.5
26	17.5	23.3	19.6	83.7	19.175	16.7	3.0	10.1	13.1	4.1
27	16.0	22.0	19.1	86.1	18.965	16.6	5.7	1.0	6.7	0.9
28	17.0	22.0	18.2	86.6	18.153	16.0	5.5	0.0	5.5	1.8
29	15.0	22.0	18.7	85.1	18.571	16.3	0.9	0.0	0.9	1.0
30	15.7	22.2	18.5	84.7	18.287	16.1	4.5	0.0	4.5	4.2
Prom.	16.5	23.1	19.3	82.9	18.561	16.2	93.4	134.0	227.4	130.5

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	23.4	19.0	89.6	19.894	17.4	0.0	4.5	4.5	3.3
2	16.0	23.6	18.7	87.2	19.075	16.7	0.0	4.6	4.6	7.9
3	16.4	23.3	19.5	83.6	19.055	16.7	14.6	0.0	14.6	4.9
4	16.0	22.0	18.2	83.5	17.571	15.5	34.6	0.0	34.6	2.1
5	15.0	24.0	19.6	77.9	17.849	15.7	0.0	0.0	0.0	8.5
6	16.6	24.0	20.3	69.2	16.416	14.4	0.0	0.0	0.0	4.0
7	16.4	26.0	21.6	63.3	16.066	14.0	0.0	0.0	0.0	6.6
8	15.9	25.0	20.7	60.8	14.770	12.8	0.0	0.0	0.0	9.3
9	15.4	25.9	21.0	72.4	17.661	15.5	0.0	0.0	0.0	8.7
10	16.0	25.6	20.5	72.3	17.681	15.4	0.0	0.0	0.0	10.0
11	17.0	24.0	19.9	76.6	17.628	15.4	0.0	0.0	0.0	8.5
12	16.0	24.0	21.3	69.2	16.818	14.7	0.0	0.0	0.0	8.0
13	17.0	26.0	19.8	81.0	19.081	16.7	0.0	0.0	0.0	4.8
14	16.0	25.0	20.8	65.3	15.234	13.1	0.0	0.0	0.0	9.6
15	15.0	25.8	21.8	56.1	14.426	12.3	0.0	0.0	0.0	9.1
16	16.0	25.3	21.6	60.2	15.510	13.6	0.0	0.0	0.0	8.3
17	16.9	24.0	20.2	82.2	19.893	17.4	0.0	0.0	0.0	3.0
18	16.0	20.0	18.4	91.6	19.462	17.1	26.5	2.6	29.1	0.0
19	16.4	23.6	18.9	84.6	18.625	16.4	0.0	0.0	0.0	4.2
20	15.6	25.0	20.3	76.2	17.806	15.6	0.0	0.4	0.4	9.8
21	15.9	23.0	19.1	85.5	19.202	16.8	0.7	5.3	6.0	2.7
22	17.1	23.0	19.2	86.9	19.438	17.1	1.7	57.7	59.4	1.7
23	16.3	22.0	18.5	92.3	19.745	17.3	0.5	0.1	0.6	0.4
24	16.6	23.0	19.9	79.1	18.265	16.0	0.0	51.5	51.5	4.6
25	16.0	22.2	18.4	84.8	18.150	16.0	0.4	3.4	3.8	1.8
26	16.1	22.2	18.8	82.8	18.146	16.0	0.4	14.1	14.5	1.6
27	16.5	22.0	18.5	90.0	19.268	16.9	0.2	0.0	0.2	1.1
28	16.0	23.5	19.1	81.4	17.916	15.7	2.0	0.9	2.9	2.5
29	17.0	24.0	19.6	84.2	19.252	16.8	4.6	1.2	5.8	3.7
30	17.0	24.5	20.2	80.1	19.297	16.8	0.0	0.0	0.0	5.4
31	17.4	24.9	20.8	79.9	19.999	17.2	0.0	0.0	0.0	4.9
Prom.	16.2	23.9	19.8	78.4	18.039	15.8	86.2	146.3	232.5	161.0

Estación **LA MONTANA**
 Altitud **1.260** Metros

Municipio **DOLORES**
 Latitud **3-33 N.**

Año **1.971**
 Longitud **74-54 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.	
ENERO	17.2	24.0	20.1	16.0	27.0	88.4	20.796	18.1	392.8	17	131.9
FEBRERO	16.4	23.0	19.4	15.0	27.0	79.9	17.893	15.7	155.0	20	124.4
MARZO	16.5	23.6	19.6	15.5	27.0	81.6	18.592	16.3	338.3	22	116.7
ABRIL	16.3	23.8	19.5	15.5	27.0	78.7	17.772	15.5	328.9	22	134.6
MAYO	16.5	23.6	19.6	14.6	26.9	78.4	17.760	15.5	204.5	24	146.4
JUNIO	16.2	23.7	19.7	14.6	27.0	71.7	16.392	14.3	60.3	14	154.9
JULIO	16.5	24.7	20.5	14.9	28.0	66.2	15.844	13.8	48.5	17	212.6
AGOSTO	16.4	24.9	20.4	14.9	28.0	67.2	15.937	13.8	66.8	17	174.5
SEPTIEMBRE	16.2	24.6	20.4	13.0	28.0	68.2	15.951	13.8	80.2	15	173.1
OCTUBRE	16.6	23.8	19.8	14.6	27.4	76.0	17.342	15.2	245.0	26	140.9
NOVIEMBRE	16.5	23.1	19.3	15.0	25.4	82.9	18.561	16.2	227.4	25	130.5
DICIEMBRE	16.2	23.9	19.8	15.0	26.0	78.4	18.039	15.8	232.5	15	161.0
PROMEDIO	16.5	23.9	19.8	14.9	27.1	76.5	17.573	15.3			
TOTAL									2380.2	234	1801.5

Estación **ARTURO GOMEZ**
 Altitud **1.320** metros

Municipio **ALCALA**
 Latitud **4-40 N.**

Año **1.971**
 Longitud **75-48 W.**

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.3	30.0	22.2	80.8	21.160	18.4	1.6	0.7	2.3	9.2
2	17.7	29.5	21.5	83.6	21.492	18.7	2.2	0.0	2.2	2.5
3	17.1	29.9	22.1	82.4	21.756	18.9	0.0	4.1	4.1	6.8
4	17.8	21.0	18.9	99.2	21.981	19.0	2.4	0.0	2.4	0.0
5	17.0	26.5	20.1	87.3	20.825	18.1	20.1	43.1	63.2	3.9
6	17.0	25.0	19.4	91.9	20.837	18.2	30.2	5.1	35.3	0.9
7	17.8	24.5	19.1	89.3	19.851	17.4	27.6	0.4	28.0	2.9
8	16.5	26.0	20.4	85.8	20.348	17.8	0.4	24.2	24.6	6.4
9	17.4	26.5	20.1	85.6	20.038	17.5	0.0	0.0	0.0	5.0
10	15.8	26.0	20.2	86.8	20.607	18.0	0.0	0.0	0.0	4.9
11	17.0	27.0	19.8	85.4	19.699	17.2	16.5	0.0	16.5	5.4
12	14.8	28.5	20.9	84.2	20.381	17.7	5.4	7.2	12.6	8.1
13	16.8	26.0	19.3	86.1	19.288	16.9	0.7	0.0	0.7	4.6
14	15.5	27.3	20.6	82.1	19.875	17.3	6.0	0.0	6.0	7.2
15	16.0	26.5	20.9	85.0	20.451	17.8	0.0	0.0	0.0	4.3
16	16.5	26.0	19.7	88.5	20.592	18.0	2.9	0.0	2.9	2.4
17	13.6	25.5	19.7	84.5	18.905	16.6	0.0	7.1	7.1	8.6
18	16.4	26.3	20.9	82.8	19.849	17.3	0.2	0.3	0.5	5.9
19	15.5	26.8	19.0	86.3	19.188	16.9	28.0	1.6	29.6	3.3
20	15.4	26.0	20.8	81.6	19.549	17.0	0.0	0.1	0.1	6.2
21	17.7	26.3	20.9	85.2	20.925	18.2	0.0	5.9	5.9	7.2
22	16.9	26.8	20.8	84.1	20.464	17.8	0.0	0.0	0.0	4.4
23	16.0	28.0	22.2	77.4	20.144	17.4	0.0	0.0	0.0	10.1
24	16.0	28.5	20.4	83.2	19.778	17.3	0.0	0.0	0.0	8.2
25	16.0	26.6	20.4	81.0	19.407	17.0	0.0	0.0	0.0	4.7
26	17.3	27.0	21.4	83.7	20.942	18.2	0.0	0.0	0.0	3.9
27	17.2	27.5	20.5	85.5	20.605	18.0	4.9	0.0	4.9	4.9
28	16.0	28.3	21.1	81.5	20.020	17.5	0.0	25.4	25.4	7.7
29	15.5	28.0	19.9	84.9	19.455	17.0	26.8	0.0	26.8	8.1
30	17.1	27.5	22.3	81.0	21.129	18.3	0.0	0.0	0.0	7.4
31	16.9	27.0	21.6	84.9	21.643	18.7	0.0	0.0	0.0	7.0
Prom.	16.5	26.8	20.6	84.9	20.361	17.7	175.9	125.2	301.1	172.1

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	27.0	20.5	86.1	20.605	17.9	1.6	0.2	1.8	4.5
2	16.5	27.0	21.8	83.8	21.344	18.5	0.0	1.6	1.6	6.4
3	18.0	26.0	20.9	88.6	21.906	18.9	11.4	1.5	12.9	2.5
4	17.5	25.9	19.8	89.0	20.757	18.1	25.0	6.1	31.1	2.5
5	16.0	25.5	19.6	85.1	19.203	16.8	0.1	0.0	0.1	3.9
6	16.3	27.9	22.4	78.7	20.467	17.8	0.0	9.2	9.2	9.1
7	17.9	23.5	20.2	89.9	21.305	18.5	15.1	18.6	33.7	0.4
8	17.1	27.0	20.8	83.4	20.136	17.6	0.1	0.0	0.1	6.5
9	17.8	27.5	21.9	79.6	20.372	17.7	0.0	10.5	10.5	8.6
10	17.0	24.2	19.5	92.8	21.142	18.4	6.5	2.3	8.8	1.6
11	16.5	27.5	22.1	79.7	20.391	17.8	0.3	0.0	0.3	7.9
12	17.4	27.9	21.0	82.3	20.279	17.7	0.0	18.4	18.4	7.5
13	17.6	27.4	20.0	87.2	20.375	17.8	1.5	0.0	1.5	5.4
14	17.4	25.3	19.7	91.8	20.939	18.2	7.4	0.0	7.4	1.7
15	17.5	26.5	19.8	85.4	19.730	17.3	0.2	0.0	0.2	5.1
16	15.4	26.5	20.6	83.4	19.831	17.3	0.0	1.0	1.0	4.0
17	17.0	25.5	20.6	81.7	19.611	17.1	0.0	9.6	9.6	5.6
18	17.0	22.0	18.1	98.0	20.849	18.1	17.8	3.7	21.5	1.2
19	16.5	25.0	19.4	88.0	19.905	17.4	3.5	0.0	3.5	2.6
20	14.6	27.0	20.0	83.7	19.130	16.8	1.5	2.5	4.0	7.3
21	16.0	25.0	19.3	85.5	18.929	16.6	0.5	2.4	2.9	1.7
22	17.3	21.0	18.5	94.8	20.320	17.8	1.2	0.0	1.2	0.0
23	14.5	27.8	21.0	86.4	20.980	18.2	0.4	0.0	0.4	1.5
24	17.1	27.5	21.3	85.9	21.682	18.8	5.0	0.0	5.0	4.5
25	15.8	29.5	22.1	79.7	20.337	17.7	0.0	0.0	0.0	9.4
26	17.3	28.0	22.0	84.1	21.654	18.7	0.0	0.0	0.0	2.4
27	17.0	28.5	22.2	82.2	21.409	18.5	0.0	0.0	0.0	5.6
28	17.0	29.9	22.6	78.0	21.095	18.3	0.0	0.0	0.0	7.5
Prom.	16.8	26.4	20.6	85.5	20.524	17.9	99.1	87.6	186.7	126.9

Estación ARTURO GOMEZ

Municipio ALCALA

Año 1.971

Altitud 1.320 metros

Latitud 4-40 N.

Longitud 75-48 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.9	25.0	19.3	83.9	18.850	16.5	0.0	0.0	0.0	3.0
2	14.0	29.0	20.2	78.7	18.180	15.8	0.2	31.3	31.5	6.4
3	15.5	27.5	21.3	79.5	19.456	17.0	0.0	24.5	24.5	7.7
4	16.4	26.0	20.6	86.2	20.426	17.8	0.0	5.6	5.6	4.7
5	16.0	28.5	22.5	80.3	20.757	18.0	0.0	0.0	0.0	8.6
6	16.5	28.3	22.6	78.2	21.058	18.2	0.0	0.0	0.0	8.0
7	17.9	26.4	21.0	89.1	22.363	19.3	0.6	1.9	2.5	0.9
8	16.9	26.5	20.6	86.9	20.897	18.2	0.2	0.0	0.2	3.1
9	15.8	28.2	21.8	84.6	21.629	18.7	0.0	0.0	0.0	9.6
10	16.8	28.0	22.1	80.2	20.733	18.0	0.0	0.0	0.0	5.7
11	18.0	26.0	20.8	88.6	22.012	19.0	3.7	2.9	6.6	1.6
12	17.4	25.4	21.4	86.5	21.775	18.8	0.0	0.0	0.0	1.7
13	17.4	27.9	22.4	77.0	20.255	17.7	0.0	33.5	33.5	6.1
14	17.9	27.0	21.0	87.2	21.540	18.7	16.9	4.4	21.3	5.7
15	17.2	26.5	20.0	86.8	20.287	17.7	8.5	7.6	16.1	2.1
16	17.4	25.9	19.8	86.5	20.075	17.5	16.4	24.8	41.2	1.9
17	16.5	26.0	20.3	86.5	20.212	17.6	7.9	17.7	25.6	3.6
18	17.3	27.0	21.0	86.5	21.173	18.4	1.0	5.8	6.8	3.4
19	17.5	25.3	21.2	86.7	21.422	18.5	0.1	7.1	7.2	2.1
20	17.3	23.0	19.1	94.1	20.756	18.1	10.7	0.0	10.7	1.0
21	16.5	28.0	21.3	84.4	20.914	18.1	0.8	0.0	0.8	6.1
22	17.9	25.0	19.6	96.6	22.495	19.3	10.5	2.8	13.3	1.0
23	16.4	26.0	20.5	86.8	20.751	18.1	0.0	5.9	5.9	6.7
24	17.6	27.0	20.8	86.6	20.985	18.2	1.3	6.7	8.0	4.7
25	17.7	26.5	21.8	85.3	21.775	18.8	0.4	4.0	4.4	4.2
26	17.7	26.5	21.9	86.3	22.252	19.1	0.0	5.4	5.4	4.2
27	18.0	28.0	21.3	84.2	21.059	18.3	18.9	15.8	34.7	7.1
28	17.7	27.0	19.9	87.7	20.545	17.9	27.2	11.3	38.5	3.7
29	17.7	24.0	19.7	84.6	19.221	16.8	0.3	0.3	0.6	1.5
30	16.5	25.3	19.9	86.4	19.962	17.5	4.9	3.5	8.4	2.8
31	16.0	26.0	19.0	85.2	18.487	16.2	14.9	2.1	17.0	1.2
Prom.	16.9	26.5	20.8	85.4	20.719	18.0	145.4	224.9	370.3	130.1

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	24.0	18.9	88.9	19.384	17.0	0.5	0.0	0.5	1.0
2	15.0	26.4	19.5	84.8	19.252	16.9	0.0	1.3	1.3	6.8
3	16.5	22.4	18.1	95.9	20.447	17.8	7.7	0.0	7.7	0.3
4	12.8	27.9	20.4	82.8	19.012	16.7	0.1	0.0	0.1	10.9
5	14.5	26.0	20.4	83.7	19.516	17.0	0.0	0.0	0.0	9.1
6	15.0	29.0	20.9	80.1	19.499	17.0	0.0	0.0	0.0	6.9
7	17.5	26.3	20.2	84.6	20.146	17.6	23.6	27.4	51.0	5.1
8	16.0	27.0	20.9	82.7	20.027	17.4	0.1	0.0	0.1	6.1
9	16.0	28.3	20.0	82.5	19.414	17.0	50.2	0.0	50.2	6.6
10	16.1	26.3	21.9	83.8	21.447	18.5	0.1	0.0	0.1	5.2
11	17.5	28.0	21.6	85.1	21.836	18.9	0.3	0.0	0.3	3.3
12	16.8	27.0	20.3	84.2	19.906	17.4	5.9	0.0	5.9	6.9
13	16.0	26.6	21.6	89.2	22.647	19.4	0.0	0.0	0.0	4.5
14	17.5	26.2	20.4	87.2	21.154	18.4	4.1	2.7	6.8	2.2
15	16.4	27.5	21.0	81.7	20.195	17.7	0.0	6.1	6.1	5.2
16	18.0	27.5	22.4	85.2	22.742	19.5	0.0	2.4	2.4	4.7
17	18.0	27.7	22.0	85.6	22.320	19.2	0.6	22.5	23.1	5.0
18	17.0	23.0	19.4	90.2	20.238	17.7	2.0	1.0	3.0	0.0
19	16.8	22.0	19.3	91.0	20.433	17.8	0.0	0.0	0.0	0.8
20	15.0	27.5	19.6	87.3	19.946	17.5	10.0	8.0	18.0	4.4
21	16.8	26.3	21.3	87.5	21.783	18.8	0.0	0.0	0.0	3.9
22	16.5	27.0	20.9	85.0	20.925	18.2	0.0	4.0	4.0	4.3
23	17.8	24.2	20.2	93.4	22.121	19.1	5.5	0.0	5.5	1.0
24	17.5	26.0	20.4	85.0	20.329	17.8	0.0	0.0	0.0	5.2
25	15.8	27.0	20.7	86.3	20.788	18.1	3.0	0.0	3.0	8.3
26	15.1	26.5	20.8	83.7	20.264	17.7	0.0	0.0	0.0	6.9
27	16.5	28.5	21.3	80.5	20.279	17.7	0.0	4.0	4.0	8.1
28	17.7	26.0	20.4	89.5	21.591	18.7	0.0	5.0	5.0	4.1
29	17.8	27.0	20.7	86.8	21.117	18.4	0.0	0.0	0.0	5.6
30	15.4	27.0	20.1	86.8	20.533	17.9	10.2	0.0	10.2	5.2
Prom.	16.4	26.4	20.5	86.0	20.643	18.0	123.9	84.4	208.3	147.6

Estación **ARTURO GOMEZ**
 Altitud **1.320** metros

Municipio **ALCALA**
 Latitud **4-40 N.**

Año **1.971**
 Longitud **75-48 W.**

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	27.0	19.8	82.8	19.159	16.8	15.1	0.0	15.1	5.2
2	15.4	27.0	20.4	85.4	20.484	17.9	3.3	0.2	3.5	5.2
3	16.9	27.5	20.4	85.0	20.317	17.7	1.4	66.7	68.1	4.7
4	17.5	26.5	20.2	87.7	20.770	18.1	0.2	8.4	8.6	1.9
5	14.9	26.5	21.8	83.5	21.302	18.4	0.0	3.0	3.0	8.1
6	17.0	22.4	19.4	90.4	20.335	17.8	0.0	0.0	0.0	0.0
7	14.8	28.0	21.1	79.9	19.613	17.2	0.0	5.2	5.2	7.2
8	17.1	26.0	20.8	86.4	21.104	18.4	2.5	0.0	2.5	6.5
9	16.0	28.0	20.6	86.3	20.870	18.2	2.2	7.0	9.2	7.1
10	16.5	27.0	20.5	86.8	20.810	18.1	0.0	0.7	0.7	6.3
11	17.7	27.0	20.7	86.4	21.307	18.5	4.6	0.0	4.6	3.0
12	17.5	25.5	20.9	83.4	20.657	18.0	3.0	0.0	3.0	2.3
13	17.5	27.0	21.3	84.3	21.481	18.6	10.3	0.1	10.4	5.9
14	14.2	20.3	18.1	98.5	20.765	18.1	14.2	0.0	14.2	0.0
15	14.9	26.5	20.4	87.9	20.794	18.1	0.0	9.8	9.8	6.9
16	17.0	22.2	19.0	96.8	21.275	18.5	7.1	0.0	7.1	1.0
17	16.8	27.0	20.4	83.5	19.675	17.1	0.6	0.2	0.8	7.1
18	16.4	27.0	20.7	83.3	20.226	17.7	0.0	18.1	18.1	7.0
19	17.0	26.0	20.5	87.5	21.045	18.3	1.4	0.6	2.0	6.7
20	16.5	26.4	20.4	90.0	21.561	18.7	0.0	12.6	12.6	2.9
21	15.8	26.6	20.6	83.4	19.912	17.3	0.0	0.0	0.0	6.9
22	14.5	25.5	20.8	90.1	21.967	18.9	2.0	20.8	22.8	6.5
23	16.8	26.0	20.0	87.3	20.542	17.9	0.0	0.0	0.0	3.2
24	17.0	27.0	20.4	84.1	20.556	17.9	0.3	0.0	0.3	8.3
25	16.5	25.0	20.2	88.2	20.736	18.1	0.2	13.8	14.0	2.9
26	16.4	26.5	20.3	87.4	21.042	18.3	0.1	0.0	0.1	6.5
27	17.0	28.0	21.3	84.6	21.095	18.3	0.1	8.9	9.0	8.0
28	17.5	25.1	20.4	93.6	22.542	19.4	0.8	0.4	1.2	3.7
29	17.0	27.5	20.8	83.0	20.245	17.6	10.4	37.4	47.8	4.9
30	17.5	24.5	19.8	90.1	20.860	18.2	8.4	1.4	9.8	3.7
31	15.8	25.5	20.8	88.5	21.295	18.4	0.1	20.4	20.5	5.0
Prom.	16.4	26.1	20.4	87.0	20.785	18.1	88.3	235.7	324.0	154.6

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.3	26.5	20.3	86.6	20.722	18.0	4.1	2.9	7.0	4.3
2	17.5	25.9	21.1	83.3	20.821	18.1	0.0	0.0	0.0	6.5
3	16.3	28.0	22.1	82.1	21.633	18.6	0.0	0.0	0.0	9.5
4	18.0	27.0	22.3	81.4	21.575	18.7	0.0	11.3	11.3	6.1
5	17.8	26.0	21.2	87.4	21.669	18.7	8.8	12.7	21.5	5.4
6	17.3	26.6	20.1	88.3	20.704	18.0	2.9	0.0	2.9	5.2
7	18.6	24.0	19.6	96.5	22.447	19.3	10.9	0.0	10.9	3.0
8	16.9	26.5	21.2	85.3	21.050	18.2	0.0	0.0	0.0	7.4
9	16.9	25.5	20.6	89.3	21.766	18.8	1.6	0.0	1.6	3.6
10	17.0	26.0	20.6	83.6	20.142	17.5	0.8	0.0	0.8	2.8
11	15.5	27.5	21.6	81.5	20.436	17.8	0.0	0.7	0.7	8.4
12	17.6	22.0	18.7	99.4	21.702	18.8	23.2	0.3	23.5	0.0
13	16.5	25.6	20.6	84.2	20.225	17.6	0.7	0.5	1.2	3.5
14	14.5	27.0	20.1	83.5	19.133	16.7	0.0	0.0	0.0	6.2
15	17.1	26.5	21.6	81.5	20.848	18.1	0.0	0.0	0.0	8.5
16	15.9	26.0	20.6	83.5	20.259	17.6	0.8	0.0	0.8	6.0
17	17.3	27.0	20.7	92.2	21.798	18.9	3.7	0.0	3.7	5.6
18	17.3	23.0	18.7	99.4	21.300	18.5	5.5	0.0	5.5	1.0
19	16.6	26.5	20.9	85.5	20.729	18.1	0.0	0.0	0.0	6.2
20	16.8	27.8	21.9	81.0	20.673	18.0	0.0	0.0	0.0	9.4
21	17.3	25.0	19.2	90.2	20.300	17.7	9.6	1.0	10.6	5.2
22	16.8	23.0	18.5	89.8	19.098	16.8	1.9	0.0	1.9	1.5
23	15.0	27.0	20.4	84.2	19.870	17.3	8.0	0.6	8.6	10.1
24	15.9	27.0	21.8	80.5	20.498	17.8	0.0	0.0	0.0	6.0
25	15.5	28.0	21.6	77.9	19.565	17.1	0.0	0.2	0.2	9.9
26	17.6	27.3	21.4	86.5	21.718	18.8	0.0	0.0	0.0	3.1
27	17.8	26.5	20.7	86.2	20.775	18.1	3.1	0.2	3.3	4.1
28	17.0	26.0	20.5	86.9	20.719	18.0	1.1	0.0	1.1	5.6
29	16.5	26.0	20.0	88.6	20.565	17.9	0.4	0.0	0.4	4.6
30	17.6	25.0	21.0	96.9	24.037	20.4	1.4	0.1	1.5	5.1
Prom.	16.9	26.1	20.7	86.8	20.893	18.1	88.5	30.5	119.0	163.8

Estación **ARTURO GOMEZ**Municipio **ALCALA**Año **1.971**Altitud **1.320** metrosLatitud **4-40 N.**Longitud **75-48 W.****M E S - JULIO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.2	26.2	20.9	85.1	20.842	18.1	0.0	0.0	0.0	5.4
2	16.3	25.0	20.2	82.6	19.793	17.3	3.6	3.8	7.4	4.6
3	16.4	26.0	20.6	84.0	20.149	17.5	0.4	25.5	25.9	6.1
4	16.5	24.0	20.1	88.1	20.428	17.8	1.8	0.0	1.8	2.4
5	16.8	27.0	20.8	85.5	20.658	18.0	0.0	0.0	0.0	8.0
6	15.6	27.5	20.7	84.1	20.570	17.9	0.0	0.0	0.0	5.7
7	17.7	26.5	21.4	83.9	21.119	18.3	1.0	0.0	1.0	4.2
8	16.6	28.0	21.6	83.5	21.063	18.2	1.6	0.0	1.6	8.2
9	17.6	27.5	22.5	82.3	21.899	18.9	0.0	0.1	0.1	5.7
10	17.6	27.0	21.9	83.9	21.909	19.0	0.0	0.0	0.0	5.8
11	16.0	26.5	21.2	87.9	21.794	18.8	1.5	0.1	1.6	4.1
12	17.9	26.4	20.9	86.5	21.149	18.3	14.8	5.6	20.4	4.2
13	17.5	26.0	20.6	88.8	21.438	18.6	0.2	16.3	16.5	6.2
14	16.6	26.0	20.2	90.9	21.462	18.6	0.0	0.0	0.0	3.2
15	15.8	27.0	21.1	87.7	21.542	18.6	0.0	0.0	0.0	8.7
16	15.0	27.0	20.4	80.1	18.776	16.5	0.1	0.0	0.1	10.7
17	14.7	26.0	21.0	83.5	20.646	17.9	0.0	0.1	0.1	6.1
18	16.0	28.5	20.9	84.9	20.780	18.1	3.6	0.0	3.6	10.2
19	15.1	27.0	20.8	85.4	20.875	18.2	1.1	0.0	1.1	10.3
20	15.5	28.5	20.7	83.2	20.084	17.6	0.0	0.0	0.0	5.6
21	16.0	27.0	22.2	83.8	21.626	18.6	0.7	0.2	0.9	7.6
22	17.3	27.5	21.7	83.8	21.352	18.5	0.0	0.0	0.0	6.6
23	17.4	28.0	22.4	78.5	20.998	18.3	0.0	0.0	0.0	8.0
24	17.7	28.5	22.0	80.5	20.643	18.0	0.0	0.0	0.0	8.3
25	16.4	28.2	22.3	82.6	21.641	18.7	0.0	9.7	9.7	6.2
26	16.5	25.0	19.3	88.0	19.772	17.3	0.4	0.0	0.4	3.5
27	16.0	27.5	20.2	81.2	19.204	16.8	0.0	0.0	0.0	6.5
28	15.0	24.9	20.1	89.0	20.768	18.0	0.0	0.0	0.0	0.7
29	15.9	27.0	20.4	87.6	20.690	17.9	3.0	0.3	3.3	6.9
30	17.5	27.0	20.2	84.3	20.005	17.5	7.3	0.0	7.3	6.5
31	15.9	27.6	22.0	83.3	21.531	18.6	0.0	0.0	0.0	8.9
Prom.	16.5	26.8	21.0	84.7	20.813	18.1	41.1	61.7	102.8	195.1

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.8	27.0	22.3	82.0	21.510	18.6	0.0	0.0	0.0	6.3
2	15.8	28.0	19.9	86.3	19.747	17.3	0.1	2.1	2.2	7.9
3	14.0	25.4	19.8	85.1	19.160	16.7	0.9	0.0	0.9	6.0
4	17.0	23.0	18.3	97.5	20.653	18.0	3.9	16.8	20.7	1.4
5	15.6	23.0	18.5	94.3	20.190	17.6	1.3	0.0	1.3	3.1
6	15.8	23.5	18.9	93.4	20.387	17.8	0.3	0.0	0.3	1.9
7	16.9	26.2	20.8	82.6	20.084	17.6	0.0	0.0	0.0	5.9
8	16.5	25.5	20.9	89.2	21.803	18.9	0.0	0.0	0.0	5.9
9	15.0	26.0	19.5	85.8	19.059	16.7	12.3	0.2	12.5	8.6
10	16.8	26.0	21.2	85.5	21.044	18.3	0.0	0.1	0.1	7.8
11	17.4	26.5	20.1	89.0	20.770	18.1	0.4	6.8	7.2	5.7
12	16.8	22.4	18.5	96.0	20.380	17.8	2.0	0.0	2.0	1.0
13	14.3	26.6	20.6	84.9	20.111	17.5	0.5	0.0	0.5	8.7
14	16.5	24.0	19.8	87.9	20.374	17.8	0.0	0.0	0.0	2.0
15	16.3	25.0	19.6	88.8	20.232	17.7	2.0	0.0	2.0	3.4
16	14.4	26.5	18.4	82.5	17.710	15.6	0.5	0.9	1.4	8.4
17	16.5	27.0	20.1	79.9	18.831	16.6	0.0	2.7	2.7	4.7
18	16.6	27.0	20.5	69.8	16.757	14.7	2.1	3.2	5.3	5.4
19	17.4	25.5	19.8	92.0	21.077	18.3	4.5	0.3	4.8	5.7
20	17.5	26.5	20.2	81.3	19.040	16.7	13.4	0.0	13.4	5.1
21	17.3	25.5	20.3	79.9	18.908	16.6	2.2	0.0	2.2	4.3
22	16.8	26.5	19.9	87.8	20.731	18.1	0.1	0.0	0.1	5.5
23	17.0	28.0	20.5	83.3	20.061	17.5	0.1	37.4	37.5	6.4
24	16.0	26.0	20.0	80.5	18.470	16.2	0.1	0.0	0.1	6.6
25	17.4	27.0	19.9	90.7	21.565	18.6	2.1	45.5	47.6	7.2
26	17.0	26.0	20.5	86.1	20.796	18.1	2.2	23.4	25.6	5.1
27	16.5	24.0	19.1	83.1	18.341	16.1	0.3	0.4	0.7	1.3
28	15.6	27.5	19.8	80.5	18.279	16.1	0.0	0.0	0.0	9.0
29	17.5	27.0	20.6	83.0	20.538	17.9	0.0	0.0	0.0	5.3
30	17.6	25.0	21.0	87.7	21.746	18.8	1.5	0.0	1.5	3.8
31	15.8	28.2	21.3	81.1	20.244	17.7	0.0	2.9	2.9	9.1
Prom.	16.4	25.8	20.0	85.7	19.955	17.4	52.8	142.7	195.5	163.5

Estación **ARTURO GOMEZ**Municipio **ALCALA**Año **1.971**Altitud **1.320** metrosLatitud **4-40 N.**Longitud **75-48 W.****M E S - SEPTIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.6	24.0	18.4	88.1	18.910	16.6	13.3	0.0	13.3	1.2
2	13.5	25.0	19.9	82.7	18.779	16.5	0.0	0.0	0.0	5.5
3	16.1	24.5	19.2	87.5	19.628	17.2	18.7	0.1	18.8	3.9
4	17.0	24.0	19.0	84.8	18.767	16.5	20.0	19.9	39.9	2.2
5	16.4	26.3	20.6	83.6	20.176	17.6	0.0	0.0	0.0	4.6
6	17.0	23.0	19.2	89.1	19.878	17.4	1.2	0.0	1.2	5.7
7	14.6	24.0	18.3	84.3	17.670	15.5	5.8	1.0	6.8	2.9
8	15.6	25.0	18.3	84.1	17.749	15.6	1.0	2.5	3.5	2.6
9	15.2	25.5	19.3	84.8	18.827	16.5	0.0	0.0	0.0	4.9
10	15.9	26.0	19.7	79.1	17.872	15.7	0.0	0.0	0.0	3.8
11	14.6	27.9	21.2	73.5	17.715	15.5	0.0	0.0	0.0	10.0
12	16.5	28.5	20.7	80.2	19.398	17.0	0.1	10.0	10.1	7.0
13	16.8	25.0	19.6	80.5	18.281	16.1	3.3	0.0	3.3	5.4
14	13.8	26.4	20.3	78.0	18.245	16.0	0.0	0.6	0.6	9.8
15	17.1	25.4	19.8	86.3	20.048	17.5	0.0	24.0	24.0	4.8
16	16.8	26.0	19.9	79.0	18.321	16.1	3.7	16.8	20.5	5.1
17	16.6	26.0	20.2	81.3	19.176	16.8	0.0	0.0	0.0	5.4
18	17.0	25.0	20.4	81.1	19.370	17.0	0.6	0.0	0.6	4.0
19	15.9	25.5	19.4	89.7	20.107	17.6	1.0	0.6	1.6	4.9
20	17.0	25.0	19.0	98.0	21.616	18.7	2.2	0.0	2.2	3.8
21	16.7	25.5	19.4	82.3	18.627	16.3	6.5	0.0	6.5	3.0
22	14.0	26.1	20.3	82.8	19.295	16.9	0.0	0.0	0.0	5.9
23	17.1	29.0	20.7	75.2	18.305	16.0	0.3	0.4	0.7	6.5
24	16.8	28.0	19.7	84.1	19.300	16.9	6.3	0.0	6.3	4.5
25	16.8	27.1	21.5	78.9	19.840	17.3	0.0	0.0	0.0	5.0
26	17.8	25.5	19.7	83.6	19.465	17.1	4.4	0.0	4.4	2.3
27	16.5	26.3	20.6	79.7	18.887	16.5	0.5	0.0	0.5	6.5
28	15.2	26.5	20.4	81.8	19.508	17.1	0.0	0.0	0.0	2.1
29	17.3	26.4	21.2	81.4	20.445	17.8	0.0	5.8	5.8	4.0
30	17.1	27.0	20.0	84.5	19.964	17.4	0.2	12.7	12.9	3.4
Prom.	16.2	25.8	19.9	83.0	19.139	16.8	89.1	94.4	183.5	140.7

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.8	26.0	19.7	82.5	19.037	16.7	0.0	21.2	21.2	2.2
2	16.6	23.3	19.0	87.2	19.202	16.9	9.9	12.3	22.2	2.7
3	16.0	26.0	19.8	83.4	19.301	16.9	42.3	0.6	42.9	4.0
4	16.0	24.5	19.1	90.2	20.070	17.5	0.7	0.0	0.7	2.3
5	16.0	25.0	19.4	86.4	19.458	17.1	0.4	0.3	0.7	4.1
6	17.0	27.0	20.7	79.3	19.719	17.3	0.0	0.7	0.7	6.0
7	15.6	25.5	19.7	84.1	19.243	16.9	3.3	0.1	3.4	2.7
8	14.5	27.9	20.4	80.3	18.969	16.7	0.0	0.0	0.0	8.1
9	17.0	28.8	20.9	79.0	19.336	16.9	1.4	3.0	4.4	5.7
10	17.5	27.5	20.2	77.8	18.189	15.9	0.0	2.9	2.9	2.7
11	17.6	25.0	19.7	82.7	19.137	16.8	0.2	0.0	0.2	3.9
12	15.0	26.5	20.3	87.4	20.789	18.1	0.1	0.5	0.6	4.8
13	15.0	26.5	20.4	82.4	19.490	17.0	0.0	0.0	0.0	5.4
14	16.6	27.0	20.4	78.8	18.920	16.6	0.0	0.0	0.0	4.3
15	15.0	27.0	20.5	80.8	19.113	16.7	0.0	0.0	0.0	7.2
16	16.8	25.0	20.0	81.7	19.279	16.9	0.2	26.6	26.8	3.3
17	16.5	23.3	19.5	84.8	19.350	17.0	0.5	0.4	0.9	1.5
18	16.8	25.5	19.7	81.1	18.463	16.3	1.3	8.8	10.1	5.7
19	15.0	25.5	18.8	81.0	17.813	15.7	8.7	0.0	8.7	4.6
20	14.5	26.0	19.2	78.8	17.548	15.5	4.2	0.3	4.5	0.2
21	15.5	28.0	20.7	76.3	18.609	16.3	0.0	2.8	2.8	9.8
22	16.5	23.5	18.7	90.0	19.772	17.3	1.9	0.0	1.9	1.0
23	14.0	28.4	20.2	78.9	18.433	16.2	1.7	8.4	10.1	7.5
24	16.8	25.5	19.4	89.4	20.313	17.8	1.5	0.9	2.4	5.3
25	16.1	22.5	17.8	87.6	17.806	15.7	16.3	0.0	16.3	0.9
26	12.0	26.5	19.6	76.3	17.132	15.0	0.0	0.0	0.0	10.6
27	15.0	27.5	20.0	76.4	17.712	15.6	0.0	0.0	0.0	8.0
28	15.4	27.9	20.7	76.1	18.325	16.1	0.0	49.0	49.0	6.4
29	17.1	25.0	19.0	85.5	18.793	16.4	17.6	0.0	17.6	2.6
30	14.0	26.5	19.9	83.8	19.224	16.9	0.2	16.6	16.8	4.6
31	17.1	21.5	18.7	93.1	20.212	17.7	10.4	0.0	10.4	0.0
Prom.	15.8	25.9	19.7	82.7	18.992	16.7	122.8	155.4	278.2	138.1

Estación **ARTURO GOMEZ**Municipio **ALCALA**Año **1.971**Altitud **1.320** metrosLatitud **4-40 N.**Longitud **75-48 W.****M E S - NOVIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	26.0	19.4	84.6	19.034	16.6	0.4	0.0	0.4	5.1
2	16.0	27.0	19.6	82.2	18.934	16.6	10.5	15.2	25.7	6.2
3	17.0	23.3	19.5	84.9	19.188	16.8	0.3	0.0	0.3	1.4
4	16.4	27.0	20.2	78.7	18.377	16.1	0.2	2.4	2.6	6.0
5	16.8	26.0	20.7	81.7	19.793	17.3	0.3	0.0	0.3	6.6
6	17.3	26.4	20.9	82.9	20.268	17.7	11.3	6.2	17.5	4.4
7	17.6	25.5	19.5	91.2	20.772	18.1	5.6	0.1	5.7	3.5
8	15.5	26.6	20.8	74.9	18.014	15.9	0.0	59.6	59.6	2.0
9	15.6	22.0	18.6	88.8	18.962	16.6	11.5	0.0	11.5	6.2
10	15.5	25.5	19.9	80.3	18.601	16.3	0.0	0.0	0.0	3.5
11	15.6	25.5	20.2	84.3	19.896	17.4	0.0	0.0	0.0	4.5
12	16.0	28.0	19.9	73.9	16.681	14.3	0.0	3.5	3.5	7.6
13	16.5	28.3	21.0	75.1	18.253	16.0	0.0	0.3	0.3	7.9
14	17.4	26.0	20.2	76.4	18.060	15.8	0.5	1.4	1.9	4.6
15	16.0	25.5	20.2	78.9	18.295	15.9	0.0	1.1	1.1	5.1
16	16.0	26.0	19.0	93.7	20.575	18.0	8.7	10.4	19.1	4.8
17	16.5	25.3	19.5	79.6	18.227	16.0	9.7	14.3	24.0	6.5
18	14.8	24.4	18.8	76.0	16.090	13.9	0.0	0.0	0.0	6.0
19	14.0	24.0	18.7	81.2	17.353	15.2	0.0	0.0	0.0	4.9
20	15.8	25.4	20.1	73.0	16.874	14.6	0.1	0.2	0.3	7.0
21	15.8	24.5	19.3	78.8	17.526	15.4	1.5	0.0	1.5	6.2
22	15.4	26.5	19.6	77.7	17.617	15.4	0.0	0.0	0.0	6.3
23	15.2	27.0	19.7	75.5	16.929	14.7	2.4	9.8	12.2	8.1
24	16.5	25.5	19.6	76.8	17.224	15.1	0.0	11.2	11.2	5.1
25	16.8	24.0	19.3	80.7	17.935	15.7	7.5	11.5	19.0	2.6
26	16.5	23.5	18.8	85.3	18.625	16.4	1.0	0.4	1.4	3.8
27	16.4	26.5	20.5	75.2	17.507	15.1	0.0	3.6	3.6	6.2
28	17.3	23.6	19.5	86.9	19.785	17.3	2.2	0.0	2.2	0.8
29	15.9	26.0	20.3	77.7	18.225	16.0	0.0	0.0	0.0	6.7
30	15.5	28.0	21.5	78.7	19.457	17.0	0.0	0.0	0.0	8.6
Prom.	16.1	25.6	19.8	80.5	18.436	16.1	73.7	151.2	224.9	158.2

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	27.0	21.1	81.0	20.121	17.6	0.0	0.0	0.0	5.1
2	15.5	26.3	20.6	81.7	19.594	17.1	0.0	0.0	0.0	2.7
3	16.5	27.0	20.5	81.8	19.484	17.0	0.0	0.0	0.0	5.0
4	15.5	27.0	19.8	83.1	19.082	16.7	0.0	0.0	0.0	6.4
5	15.9	27.5	21.3	78.8	19.356	16.9	0.0	0.0	0.0	9.0
6	15.9	27.5	20.3	79.8	18.821	16.6	2.8	0.0	2.8	6.6
7	15.8	27.0	20.7	85.2	20.475	17.8	0.1	0.0	0.1	5.8
8	15.9	26.0	20.8	85.2	21.108	18.4	0.0	0.0	0.0	2.2
9	15.8	27.0	21.3	81.8	20.198	17.6	0.0	0.0	0.0	7.0
10	16.2	28.5	20.7	83.4	20.346	17.8	2.2	0.0	2.2	6.6
11	15.5	27.0	20.5	85.8	20.828	18.1	0.0	0.0	0.0	7.2
12	15.4	27.0	20.0	86.8	20.873	18.2	0.0	0.0	0.0	5.4
13	15.9	27.0	20.6	85.8	20.660	18.0	0.0	0.0	0.0	5.0
14	16.0	28.0	21.2	86.1	22.032	19.0	0.0	0.0	0.0	8.4
15	16.0	28.4	21.5	83.6	21.437	18.6	0.5	0.0	0.5	7.5
16	16.5	28.0	20.2	83.3	19.987	17.5	8.0	0.0	8.0	5.8
17	15.9	27.0	19.8	83.5	19.491	17.1	0.3	0.0	0.3	5.1
18	15.5	26.0	19.6	85.4	19.590	17.2	0.0	0.2	0.2	3.1
19	16.8	26.4	20.9	82.6	20.281	17.7	0.0	0.0	0.0	8.4
20	15.9	25.0	19.5	91.0	20.673	18.0	0.0	0.9	0.9	3.7
21	16.0	22.2	18.3	96.6	20.418	17.8	1.4	0.0	1.4	7.1
22	14.0	23.4	18.3	90.1	18.955	16.6	0.5	0.5	1.0	3.7
23	15.4	22.0	18.0	96.5	20.316	17.7	19.4	0.0	19.4	0.7
24	14.3	25.0	19.1	85.9	18.998	16.7	0.0	16.5	16.5	0.9
25	14.3	23.0	17.9	89.9	18.406	16.2	3.4	3.5	6.9	0.0
26	15.6	25.0	19.6	91.7	20.974	18.3	0.0	8.1	8.1	4.6
27	15.9	23.1	18.6	94.7	20.454	17.8	1.7	0.0	1.7	2.0
28	16.6	24.4	19.6	88.8	20.271	17.7	0.0	3.8	3.8	3.2
29	16.5	25.0	18.7	90.6	19.556	17.1	3.3	4.6	7.9	3.8
30	16.4	25.0	19.7	90.6	20.960	18.2	0.0	0.0	0.0	3.8
31	15.9	25.3	20.3	90.9	21.682	18.7	0.2	0.0	0.2	5.9
Prom.	15.8	25.9	20.0	86.5	20.175	17.6	43.8	38.1	81.9	151.7

Estación **ARTURO GOMEZ**Municipio **ALCALA**Año **1.971**Altitud **1.320** MetrosLatitud **4-40 N.**Longitud **75-48 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día Huv.	
ENERO	16.5	26.8	20.6	13.6	30.0	84.9	20.361	17.7	301.1	21	172.1
FEBRERO	16.8	26.4	20.6	14.5	29.9	85.5	20.524	17.9	186.7	24	126.9
MARZO	16.9	26.5	20.8	14.0	29.0	85.4	20.719	18.0	370.3	25	130.1
ABRIL	16.4	26.4	20.5	12.8	29.0	86.0	20.643	18.0	208.3	22	147.6
MAYO	16.4	26.1	20.4	14.2	28.0	87.0	20.785	18.1	324.0	28	154.6
JUNIO	16.9	26.1	20.7	14.5	28.0	86.8	20.893	18.1	119.0	21	163.8
JULIO	16.5	26.8	21.0	14.7	28.5	84.7	20.813	18.1	102.8	18	195.1
AGOSTO	16.4	25.8	20.0	14.0	28.2	85.7	19.955	17.4	195.5	25	168.5
SEPTIEMBRE	16.2	25.8	19.9	13.5	29.0	83.0	19.139	16.8	183.5	21	140.7
OCTUBRE	15.8	25.9	19.7	12.0	28.8	82.7	18.992	16.7	278.2	25	138.1
NOVIEMBRE	16.1	25.6	19.8	14.0	28.3	80.5	18.436	16.1	224.9	23	158.2
DICIEMBRE	15.8	25.9	20.0	14.0	28.5	86.5	20.175	17.6	81.9	18	151.7
PROMEDIO	16.4	26.2	20.3	13.8	28.8	1.6	20.120	17.5			
TOTAL									2576.2	271	1847.4

Estación HERACLIO URIBE

Municipio SEVILLA

Año 1.971

Altitud 1.540 metros

Latitud 4-16 N.

Longitud 75-55 W.

M E S - ENERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.7	25.2	19.2	79.0	17.611	15.5	0.0	0.0	0.0	7.1
2	16.5	24.5	19.6	78.7	18.031	15.9	0.0	0.0	0.0	3.6
3	15.8	25.5	19.3	83.3	18.841	16.5	27.4	3.1	30.5	3.1
4	14.5	18.0	16.6	96.4	18.562	16.3	9.8	0.0	9.8	0.0
5	15.2	22.0	17.8	88.0	18.026	15.9	6.8	14.0	20.8	2.2
6	15.5	20.6	17.3	95.8	19.156	16.8	13.6	16.9	30.5	0.2
7	15.9	21.3	17.7	91.9	18.904	16.6	7.2	1.9	9.1	0.0
8	15.5	21.2	17.7	92.4	18.888	16.6	0.9	0.0	0.9	1.0
9	14.8	23.5	18.0	85.1	17.341	15.2	6.5	1.2	7.7	2.0
10	15.4	23.0	18.4	89.0	18.831	16.6	2.7	0.2	2.9	3.2
11	15.8	23.0	18.1	85.8	17.982	15.9	18.2	0.7	18.9	3.7
12	15.5	24.0	18.9	84.9	18.144	16.0	1.5	14.1	15.6	5.7
13	15.0	23.0	17.9	87.4	17.935	15.8	1.0	0.0	1.0	2.7
14	14.5	23.5	18.5	81.8	17.359	15.2	3.3	0.2	3.5	3.7
15	15.7	23.5	18.6	86.1	18.432	16.2	0.0	0.0	0.0	2.2
16	16.3	22.5	18.3	86.8	18.354	16.1	0.0	0.0	0.0	2.2
17	13.5	21.5	18.1	86.7	18.000	15.8	0.0	7.0	7.0	3.7
18	15.7	23.0	18.0	84.9	17.264	15.2	7.4	1.0	8.4	1.2
19	14.5	24.0	17.7	85.6	17.313	15.2	7.3	2.0	9.3	3.7
20	13.4	22.0	18.1	85.1	17.189	15.1	0.0	16.4	16.4	2.6
21	15.0	22.5	18.8	82.3	17.408	15.3	0.1	0.0	0.1	1.8
22	15.8	24.5	19.2	81.6	17.955	15.8	0.0	0.0	0.0	2.8
23	15.5	25.5	19.0	79.2	17.323	15.2	0.0	0.0	0.0	6.5
24	15.0	22.2	18.7	82.4	17.567	15.5	0.0	0.0	0.0	4.3
25	15.7	24.2	19.2	82.5	18.202	16.0	0.0	0.0	0.0	4.4
26	16.0	22.0	18.5	85.0	18.020	15.9	1.0	0.0	1.0	1.8
27	15.6	23.2	18.6	86.7	18.389	16.1	0.0	2.9	2.9	4.4
28	15.0	24.0	19.2	82.8	18.298	16.1	0.0	0.0	0.0	4.0
29	14.5	22.5	18.1	87.9	18.195	16.0	1.4	0.5	1.9	3.1
30	15.5	23.5	19.2	81.2	17.849	15.7	0.3	4.7	5.0	3.3
31	16.0	23.0	19.4	83.5	18.673	16.4	0.0	0.0	0.0	4.3
Prom.	15.3	23.0	18.4	85.5	18.066	15.9	116.4	86.8	203.2	94.5

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	22.0	17.7	84.0	17.061	15.0	0.8	0.0	0.8	1.5
2	15.5	23.6	18.8	77.4	16.559	14.5	0.8	1.2	2.0	2.9
3	16.2	23.5	18.4	86.9	18.812	16.5	13.3	0.3	13.6	2.3
4	15.5	22.9	18.3	85.2	17.658	15.5	24.3	1.3	25.6	2.8
5	15.0	23.0	18.4	82.3	17.183	15.1	0.0	0.0	0.0	1.0
6	14.9	23.9	19.4	75.8	16.635	14.6	0.0	0.0	0.0	8.3
7	16.0	20.5	17.6	89.6	18.164	15.9	0.5	0.0	0.5	0.8
8	16.0	23.0	18.0	77.5	15.928	13.9	0.0	0.0	0.0	4.4
9	15.1	24.0	18.7	76.8	16.519	14.5	0.0	0.0	0.0	6.2
10	15.0	19.5	16.5	92.4	17.374	15.3	12.3	0.0	12.3	0.4
11	14.5	23.0	18.3	75.8	15.922	14.0	0.4	1.1	1.5	5.6
12	15.2	22.5	18.3	78.7	16.258	14.3	0.0	9.5	9.5	2.7
13	15.0	22.0	16.7	83.5	15.870	13.8	39.4	0.0	39.4	2.0
14	15.8	22.3	18.7	82.4	17.492	15.4	0.6	0.0	0.6	4.0
15	15.9	23.6	17.6	82.3	16.678	14.7	1.5	0.0	1.5	4.6
16	15.8	23.4	18.7	83.4	17.976	15.8	18.3	3.2	21.5	3.3
17	15.5	23.0	18.6	83.5	17.645	15.5	6.2	18.4	24.6	3.2
18	15.0	19.9	17.1	87.5	17.067	14.9	4.8	0.0	4.8	0.0
19	14.0	21.5	17.0	88.4	17.597	15.5	32.1	1.7	33.8	0.5
20	13.5	22.0	18.2	78.9	16.162	14.2	0.0	10.0	10.0	4.0
21	14.0	20.0	17.0	87.8	16.922	14.9	8.5	0.0	8.5	0.0
22	15.6	20.6	16.7	91.9	17.664	15.5	8.1	0.0	8.1	0.5
23	14.9	22.0	18.2	80.0	16.492	14.5	0.0	0.0	0.0	1.8
24	15.5	25.0	18.7	78.2	16.647	14.6	0.1	0.0	0.1	5.0
25	14.5	25.5	19.8	75.3	16.862	14.9	0.0	0.0	0.0	7.5
26	16.5	23.3	19.3	81.9	18.308	16.1	0.1	0.0	0.1	1.8
27	15.0	24.9	19.2	70.4	15.642	13.5	0.5	3.0	3.5	6.0
28	14.0	23.2	19.3	77.6	16.997	14.9	0.0	0.0	0.0	5.8
*										
Prom.	15.2	22.6	18.2	82.0	17.003	14.9	172.6	49.7	222.3	88.9

Estación HERACLIO URIBE

Municipio SEVILLA

Año 1.971

Altitud 1.540 metros

Latitud 4-16 N.

Longitud 75-55 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.9	21.5	19.0	79.7	17.363	15.3	0.0	0.0	0.0	1.5
2	15.9	24.8	19.3	78.2	17.265	15.2	0.0	0.0	0.0	2.3
3	13.1	22.0	17.9	81.6	16.354	14.3	0.0	13.1	13.1	3.1
4	14.0	22.3	17.5	82.7	16.223	14.2	0.0	14.9	14.9	3.0
5	15.5	24.0	19.6	76.6	17.127	15.1	0.0	0.0	0.0	4.0
6	16.5	25.5	20.6	73.3	17.456	15.4	0.0	0.0	0.0	7.9
7	16.5	22.0	17.5	91.3	18.411	16.2	19.5	16.7	16.7	0.2
8	16.0	22.0	18.1	84.3	17.383	15.3	0.0	0.0	0.0	2.5
9	16.0	24.0	18.3	85.8	18.326	16.1	13.5	0.0	13.5	4.4
10	15.0	25.0	18.9	81.8	17.705	15.6	9.5	0.0	9.5	5.6
11	16.0	21.5	18.1	87.6	18.144	16.0	2.4	9.8	12.2	0.2
12	15.6	21.4	17.7	91.1	18.352	16.2	21.8	0.0	21.8	0.5
13	16.0	23.0	19.2	77.4	16.977	14.9	0.0	0.0	0.0	0.9
14	16.0	22.0	19.1	82.1	18.018	15.9	2.0	13.9	15.9	0.0
15	16.2	22.9	19.5	83.8	18.647	16.4	0.1	13.8	13.9	0.0
16	16.8	22.5	18.3	87.9	18.764	16.5	25.4	28.1	53.5	0.1
17	14.0	22.0	18.2	84.5	17.466	15.4	21.6	29.3	50.9	1.0
18	15.5	21.5	17.9	92.1	18.447	16.2	14.2	11.9	26.1	0.6
19	15.5	21.0	18.0	87.2	17.914	15.8	15.1	4.1	19.2	1.7
20	16.0	21.0	18.0	91.4	18.917	16.6	8.3	0.0	8.3	0.1
21	15.9	24.5	19.4	79.4	17.482	15.3	1.0	0.0	1.0	5.7
22	16.5	22.4	18.6	83.3	17.714	15.6	20.5	10.2	30.7	2.7
23	14.0	22.5	17.7	84.4	16.885	14.9	8.6	3.3	11.9	3.2
24	15.0	23.0	18.4	80.5	16.848	14.8	0.0	26.8	26.8	2.8
25	15.5	24.0	19.2	81.3	17.864	15.8	1.9	7.6	9.5	2.7
26	16.5	23.6	19.0	78.5	17.091	15.0	0.0	0.0	0.0	2.8
27	16.0	23.5	19.2	81.3	17.851	15.7	0.0	0.4	0.4	3.7
28	16.5	22.8	18.5	87.0	18.461	16.3	15.4	82.3	97.7	1.2
29	15.6	21.0	17.6	81.3	16.417	14.4	0.0	0.0	0.0	1.3
30	14.0	21.0	17.5	84.6	16.757	14.7	0.0	18.1	18.1	1.4
31	13.0	20.5	16.4	88.9	16.678	14.6	0.0	13.7	13.7	2.5
Prom.	15.5	22.6	18.5	83.6	17.591	15.5	200.8	320.5	521.3	69.6

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	21.5	17.1	87.5	17.176	15.1	3.6	0.4	4.0	2.0
2	14.5	23.5	17.9	80.9	16.558	14.5	0.0	0.0	0.0	6.0
3	15.0	19.2	15.8	80.5	14.622	12.6	1.6	0.0	1.6	0.0
4	12.5	23.0	17.9	72.1	14.663	12.7	0.0	0.0	0.0	9.1
5	14.4	24.5	17.8	69.1	13.838	11.7	0.0	0.0	0.0	6.3
6	14.0	24.0	19.2	75.4	16.386	14.4	0.0	0.0	0.0	5.6
7	15.0	23.5	18.3	81.3	16.997	14.9	0.8	1.4	2.2	2.5
8	14.8	22.4	18.3	79.9	16.646	14.6	0.4	0.0	0.4	4.5
9	15.2	23.2	18.7	82.1	17.566	15.4	23.5	0.3	23.8	4.4
10	15.5	24.5	18.9	85.1	18.687	16.4	0.0	0.0	0.0	3.9
11	16.0	23.5	18.9	87.6	19.290	17.0	5.8	0.0	5.8	4.5
12	15.4	24.5	18.7	84.5	18.115	15.9	5.5	0.0	5.5	6.3
13	15.0	22.0	18.2	83.5	17.369	15.3	1.0	0.0	1.0	2.4
14	16.0	23.0	18.9	80.1	17.473	15.4	0.9	0.0	0.9	2.7
15	16.0	24.0	19.6	81.1	18.211	16.1	0.0	0.0	0.0	3.9
16	16.5	24.5	20.6	81.4	19.474	17.1	0.0	0.0	0.0	3.5
17	17.7	22.8	20.1	85.5	20.038	17.5	5.0	8.5	13.5	2.2
18	15.2	20.3	17.5	88.6	17.690	15.6	0.8	0.4	1.2	0.0
19	16.0	22.0	18.6	85.7	18.087	15.9	0.0	0.0	0.0	0.9
20	14.9	22.8	18.5	83.2	17.398	15.3	0.8	7.0	7.8	1.7
21	15.0	22.9	19.4	82.9	18.259	16.0	0.0	0.0	0.0	2.8
22	16.0	24.5	19.1	81.8	18.123	16.0	0.5	1.1	1.6	3.6
23	16.0	21.5	18.2	86.3	18.056	15.9	1.4	0.1	1.5	1.0
24	16.0	22.5	18.2	79.4	16.772	14.7	0.0	0.0	0.0	2.1
25	15.2	23.5	19.5	74.9	17.108	15.0	0.0	0.0	0.0	5.9
26	16.0	25.0	19.3	76.0	16.832	14.8	0.0	0.0	0.0	4.6
27	15.3	25.0	19.9	73.4	16.772	14.7	0.0	24.2	24.2	6.0
28	16.0	22.2	18.5	86.8	18.562	16.3	0.8	0.0	0.8	1.8
29	15.4	23.5	18.6	81.8	17.521	15.4	19.9	0.0	19.9	4.6
30	15.0	22.0	18.2	84.3	17.496	15.4	0.5	0.0	0.5	4.3
Prom.	15.4	23.0	18.6	81.4	17.393	15.3	72.8	43.4	116.2	109.1

Estación

HERACLIO URIBE

Municipio SEVILLA

Año 1.971

Altitud

1.540 metros

Latitud 4-16 N.

Longitud 75-55 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.1	22.2	18.3	79.8	16.743	14.7	0.9	0.0	0.9	0.0
2	16.5	24.2	18.9	83.6	18.841	16.5	3.0	1.1	4.1	5.3
3	16.0	24.0	19.6	81.5	18.227	16.0	0.6	28.4	29.0	3.8
4	15.8	21.9	18.6	88.4	18.650	16.4	1.3	0.0	1.3	2.5
5	15.6	22.0	18.6	79.0	16.672	14.6	0.0	65.4	65.4	2.7
6	15.0	19.0	16.6	92.4	17.533	15.4	0.0	0.0	0.0	0.0
7	13.5	24.0	18.5	74.1	15.253	13.2	0.0	32.2	32.2	8.5
8	14.3	21.0	17.4	84.4	16.728	14.7	0.9	0.0	0.9	5.0
9	14.3	23.0	18.7	80.7	17.458	15.3	0.0	30.8	30.8	5.1
10	15.0	23.5	18.8	80.0	17.128	15.0	0.1	1.5	1.6	5.4
11	17.0	22.0	19.3	82.2	18.489	16.3	14.2	0.0	14.2	1.0
12	17.5	24.0	19.9	80.9	18.820	16.5	0.0	1.3	1.3	2.7
13	16.6	23.5	20.1	80.3	18.663	16.4	0.1	0.6	0.7	4.8
14	15.0	19.0	16.3	97.2	18.384	16.2	21.9	0.0	21.9	0.0
15	14.0	23.4	19.0	77.6	16.735	14.7	0.5	55.0	55.5	5.3
16	15.9	22.2	18.5	81.3	17.121	15.0	3.1	0.0	3.1	2.5
17	15.0	21.4	17.4	83.0	16.509	14.5	0.1	9.5	9.6	5.6
18	14.8	23.0	18.1	85.0	17.803	15.7	29.1	21.0	50.1	3.7
19	14.3	22.0	17.9	83.8	17.055	15.0	1.7	0.3	2.0	3.3
20	15.4	22.0	17.5	90.1	18.109	16.0	1.0	2.5	3.5	1.2
21	15.0	22.5	18.0	84.2	17.295	15.2	0.7	0.0	0.7	5.2
22	14.0	22.5	18.6	78.6	17.022	15.0	26.3	0.0	26.3	4.4
23	14.1	21.5	18.1	85.1	17.608	15.5	0.0	0.0	0.0	1.7
24	15.5	23.0	18.9	78.6	17.269	15.2	0.0	2.6	2.6	3.4
25	15.1	22.0	18.4	83.9	17.672	15.6	1.5	7.4	8.9	1.7
26	14.0	23.0	18.3	81.8	17.041	15.0	0.3	0.0	0.3	5.6
27	16.6	24.9	20.8	75.7	18.188	16.0	0.0	3.0	3.0	7.3
28	17.5	23.5	19.8	80.8	18.465	16.2	0.0	0.0	0.0	1.4
29	17.5	24.0	19.1	87.2	19.598	17.2	18.1	31.5	49.6	5.6
30	16.6	21.3	18.2	86.3	18.095	15.9	2.6	0.0	2.6	1.0
31	16.4	23.5	19.9	76.7	17.422	15.3	0.0	0.0	0.0	3.2
Prom.	15.4	22.5	18.6	82.7	17.632	15.5	128.0	294.1	422.1	108.9

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.8	23.0	19.3	80.1	17.882	15.7	2.5	12.6	15.1	3.0
2	16.5	22.8	19.6	84.7	18.834	16.6	0.0	0.0	0.0	2.4
3	16.6	26.0	20.9	78.5	18.970	16.7	0.0	0.0	0.0	7.3
4	17.5	26.3	20.7	77.5	18.839	16.5	15.3	23.1	38.4	5.5
5	17.3	23.8	20.1	87.7	20.540	17.9	5.0	18.8	23.8	2.9
6	16.5	22.4	18.9	88.8	19.374	17.0	0.5	0.0	0.5	1.4
7	16.8	22.0	19.2	89.3	20.033	17.5	1.3	0.0	1.3	1.2
8	16.3	23.6	19.7	77.5	17.353	15.3	0.0	0.0	0.0	5.4
9	16.5	23.0	19.2	80.4	17.687	15.6	0.0	0.0	0.0	4.0
10	16.1	23.5	19.6	74.7	17.116	14.9	0.0	0.0	0.0	4.2
11	15.6	23.0	18.8	79.9	17.036	15.0	1.5	2.4	3.9	4.3
12	15.0	18.1	16.2	92.2	17.234	15.2	7.5	0.2	7.7	0.0
13	13.5	21.0	17.2	85.3	16.646	14.6	0.2	0.0	0.2	1.2
14	13.5	23.0	18.2	79.5	16.343	14.3	0.0	0.4	0.4	3.4
15	16.0	23.5	18.8	79.9	17.399	15.3	5.4	0.8	6.2	5.7
16	15.9	25.0	19.8	75.4	17.040	15.0	0.6	0.0	0.6	6.5
17	17.4	24.5	19.4	85.8	19.365	17.0	15.2	0.0	15.2	4.0
18	15.5	21.0	17.2	86.8	17.327	15.3	13.4	0.2	13.6	0.2
19	15.0	21.9	18.3	80.9	16.644	14.6	0.0	0.0	0.0	4.3
20	15.0	23.0	19.3	71.6	15.952	13.9	0.0	0.0	0.0	7.3
21	15.0	22.4	17.7	80.8	16.634	14.6	5.3	0.4	5.7	4.6
22	15.5	21.0	17.6	86.3	17.382	15.3	8.8	0.0	8.8	0.3
23	15.5	25.2	19.4	70.6	15.542	13.5	0.0	0.1	0.1	9.0
24	16.9	25.3	21.0	75.3	18.199	16.0	0.0	0.0	0.0	5.7
25	15.5	25.3	20.1	75.2	17.492	15.4	0.0	6.8	6.8	8.0
26	15.6	22.4	18.8	84.8	18.343	16.1	7.4	0.0	7.4	1.5
27	16.3	23.5	18.6	82.3	17.544	15.4	4.8	5.4	10.2	2.9
28	15.0	22.0	18.1	83.5	17.300	15.2	0.7	0.0	0.7	1.8
29	15.0	22.0	18.8	77.0	16.437	14.3	0.0	0.1	0.1	2.9
30	15.9	23.0	19.2	83.6	18.636	16.4	0.0	0.0	0.0	1.5
Prom.	15.8	23.1	19.0	81.2	17.704	15.5	95.4	71.3	166.7	112.4

Estación HERACLIO URIBE

Municipio SEVILLA

Año 1.971

Altitud 1.540 metros

Latitud 4-16 N.

Longitud 75-55 W.

M E S - JULIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	22.9	20.4	80.9	18.557	16.3	0.2	0.0	0.2	2.6
2	15.9	23.0	18.6	83.4	17.846	15.7	0.8	55.1	55.9	4.9
3	15.4	22.0	18.2	82.4	17.055	15.0	0.3	6.7	7.0	1.5
4	15.0	20.0	16.0	94.4	17.143	15.1	11.6	0.0	11.6	0.0
5	15.4	24.0	18.9	77.4	16.644	14.6	0.0	0.0	0.0	6.2
6	16.3	25.5	20.5	70.4	16.656	14.6	0.0	1.8	1.8	6.3
7	17.1	22.2	18.6	86.3	18.543	16.3	1.6	0.0	1.6	2.6
8	15.5	25.5	20.3	75.2	17.583	15.5	0.0	0.0	0.0	8.3
9	17.3	25.0	20.2	79.5	18.710	16.4	0.0	0.0	0.0	5.7
10	17.6	25.0	20.7	79.5	19.057	16.7	0.0	0.0	0.0	4.5
11	16.9	23.9	19.8	80.5	18.384	16.2	0.0	0.0	0.0	4.6
12	17.0	24.0	18.4	81.2	17.133	15.0	17.9	1.3	19.2	4.0
13	16.0	24.0	19.4	81.8	17.984	15.8	0.0	4.7	4.7	3.6
14	15.5	22.0	18.0	86.5	17.755	15.7	2.0	0.0	2.0	1.0
15	15.8	23.5	19.3	79.5	17.469	15.4	0.0	0.0	0.0	6.0
16	14.5	23.5	19.0	62.6	13.130	10.8	0.0	0.0	0.0	9.3
17	14.9	23.8	19.6	66.0	14.874	12.8	0.0	0.0	0.0	7.4
18	14.9	25.5	20.0	70.2	16.215	14.2	0.0	0.0	0.0	9.5
19	15.8	26.0	20.2	69.9	15.979	13.9	0.0	0.0	0.0	8.8
20	16.0	25.5	20.4	75.7	17.774	15.7	0.0	0.0	0.0	6.9
21	16.0	24.6	20.5	76.7	18.080	15.9	0.0	0.0	0.0	7.2
22	16.5	24.0	20.2	77.5	18.131	15.9	0.0	0.0	0.0	5.3
23	16.5	25.0	20.2	76.3	17.841	15.7	0.0	0.0	0.0	7.9
24	15.5	25.0	20.0	71.7	16.413	14.4	0.0	0.0	0.0	8.0
25	15.0	25.5	19.6	78.6	17.422	15.3	0.0	0.0	0.0	7.7
26	15.0	22.0	17.1	80.0	15.684	13.7	0.0	0.0	0.0	2.6
27	15.0	23.9	19.5	81.0	18.145	16.0	0.0	0.0	0.0	7.5
28	15.9	22.2	18.6	81.2	17.174	15.1	0.0	0.0	0.0	1.6
29	15.9	24.2	19.9	76.4	17.459	15.4	0.0	0.0	0.0	7.1
30	16.4	23.5	19.1	79.2	17.270	15.2	0.0	0.0	0.0	6.4
31	14.5	24.0	19.5	76.0	16.799	14.7	0.0	0.0	0.0	6.0
Prom.	15.8	23.9	19.4	78.0	17.255	15.1	35.1	77.3	112.4	171.0

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.3	24.0	20.0	72.7	16.765	14.7	0.1	0.0	0.1	3.1
2	15.1	22.2	18.4	74.3	15.473	13.4	0.0	0.2	0.2	5.7
3	13.8	22.0	18.0	79.0	16.100	14.1	0.6	0.0	0.6	3.3
4	16.0	20.3	17.0	88.7	17.433	15.3	9.0	18.4	27.4	1.5
5	14.0	21.5	17.2	83.9	16.338	14.3	0.2	0.0	0.2	3.2
6	15.0	21.0	17.6	87.2	17.419	15.3	1.5	0.0	1.5	2.3
7	15.0	22.4	18.7	76.1	16.044	14.1	0.0	0.0	0.0	4.7
8	15.0	22.5	18.5	81.4	17.223	15.2	0.2	0.0	0.2	3.0
9	14.5	23.0	18.3	79.1	16.487	14.5	0.0	0.0	0.0	6.9
10	14.5	23.0	18.4	82.1	17.183	15.1	1.8	0.0	1.8	5.5
11	15.0	22.0	17.9	82.8	16.959	14.9	0.9	5.2	6.1	2.7
12	14.0	22.0	15.5	93.0	16.520	14.5	7.9	0.0	7.9	0.2
13	13.0	23.0	18.3	76.4	16.014	14.0	0.0	0.0	0.0	9.7
14	14.6	20.0	17.0	87.6	17.123	15.1	0.2	0.0	0.2	1.5
15	14.0	19.0	16.7	80.8	15.333	13.3	0.6	0.0	0.6	1.4
16	14.0	23.5	19.3	76.1	16.543	14.5	0.0	13.7	13.7	6.8
17	15.0	23.0	18.5	76.6	16.173	14.2	1.3	0.0	1.3	6.7
18	15.5	23.0	18.6	78.8	16.747	14.7	2.4	1.6	4.0	4.7
19	15.5	22.0	18.7	80.3	17.129	15.1	0.5	0.0	0.5	2.6
20	16.0	23.5	18.1	84.6	17.630	15.5	24.5	0.0	24.5	5.8
21	15.3	23.0	18.6	80.5	17.008	15.0	0.0	0.0	0.0	2.6
22	16.0	23.6	18.3	81.6	17.209	15.1	1.9	0.0	1.9	3.4
23	16.0	24.5	19.3	77.9	17.068	15.0	0.6	25.1	25.7	5.7
24	14.0	23.5	18.7	70.1	14.844	12.9	1.5	0.8	2.3	6.0
25	15.5	23.5	19.1	80.1	17.440	15.3	0.0	8.1	8.1	7.2
26	15.5	21.9	18.5	79.8	16.606	14.6	4.9	8.8	13.7	1.8
27	15.0	21.0	17.8	88.5	17.864	15.7	1.8	0.0	1.8	0.1
28	14.5	23.9	18.7	79.9	16.876	14.8	0.0	0.0	0.0	5.1
29	16.0	23.5	19.5	81.2	18.406	16.2	0.0	0.0	0.0	4.0
30	16.8	24.0	20.2	77.8	18.151	16.0	0.0	0.0	0.0	3.3
31	15.5	25.6	20.1	81.3	18.883	16.6	0.3	3.1	3.4	8.8
Prom.	15.0	22.6	18.4	80.7	16.871	14.8	62.7	85.0	147.7	129.3

Estación HERACLIO URIBE

Municipio SEVILLA

Año 1.971

Altitud 1.540 metros

Latitud 4-16 N.

Longitud 75-55 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	21.5	17.3	88.6	17.811	15.7	4.0	0.2	4.2	0.7
2	14.4	21.0	17.7	89.4	17.944	15.8	1.1	12.0	13.1	1.8
3	13.9	22.0	17.0	88.7	17.365	15.2	5.0	0.6	5.6	1.2
4	15.0	21.2	17.7	89.0	18.142	15.9	0.4	0.1	0.5	1.3
5	15.0	23.0	18.2	76.7	15.812	13.8	0.0	0.0	0.0	3.5
6	15.9	23.3	18.2	82.6	17.302	15.2	0.7	0.0	0.7	5.6
7	14.7	21.0	16.9	91.8	18.060	15.9	10.3	8.1	18.4	1.4
8	14.0	20.2	16.9	96.5	18.494	16.3	1.1	1.1	2.2	0.0
9	14.5	22.0	18.0	85.1	17.388	15.3	0.0	0.0	0.0	2.5
10	14.5	22.0	17.9	90.3	18.525	16.3	3.8	0.0	3.8	2.8
11	14.5	24.0	18.7	73.4	15.843	13.8	0.3	0.0	0.3	8.3
12	15.7	24.0	18.5	78.1	16.636	14.6	11.4	13.4	24.8	5.8
13	14.5	21.5	17.1	92.6	18.140	16.0	2.2	0.0	2.2	3.2
14	13.5	23.0	18.4	74.6	15.606	13.6	0.0	0.0	0.0	7.5
15	15.0	23.0	18.7	81.1	17.204	15.1	0.3	54.7	55.0	4.6
16	15.0	22.0	18.4	92.6	19.550	17.1	2.7	4.0	6.7	1.8
17	14.7	22.5	17.8	85.9	17.306	15.2	0.0	0.0	0.0	1.8
18	15.8	22.0	18.2	85.4	17.716	15.6	0.6	0.0	0.6	1.8
19	15.0	22.0	17.4	88.2	17.807	15.7	8.2	0.0	8.2	3.4
20	15.6	21.6	18.2	87.4	18.125	15.9	0.3	0.0	0.3	3.2
21	15.6	20.0	17.1	93.3	18.436	16.2	7.4	0.0	7.4	0.4
22	14.0	23.5	19.4	84.2	18.939	16.6	0.0	0.0	0.0	6.7
23	16.6	25.0	19.5	80.6	18.483	16.2	0.0	0.1	0.1	6.9
24	15.0	23.3	18.8	84.1	18.200	16.0	0.0	0.0	0.0	2.8
25	15.5	23.0	18.6	78.9	16.920	14.9	0.0	0.0	0.0	6.5
26	15.0	23.3	17.9	86.7	18.071	15.9	0.5	0.0	0.5	4.2
27	13.8	23.3	18.9	79.5	17.170	15.1	0.0	0.0	0.0	6.5
28	15.1	23.0	18.6	86.7	18.795	16.5	5.6	0.2	5.8	3.4
29	16.8	22.5	18.5	87.1	18.623	16.4	1.2	11.1	12.3	3.7
30	16.0	22.0	18.5	93.0	19.870	17.4	1.8	24.3	26.1	2.9
Prom.	15.0	22.4	18.1	85.7	17.809	15.6	68.9	129.9	198.8	107.3

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.5	23.0	17.9	87.2	17.821	15.7	0.0	0.7	0.7	2.0
2	16.0	20.0	17.5	95.9	19.123	16.8	2.4	1.6	4.0	0.0
3	15.0	20.5	16.6	94.3	18.135	16.0	18.2	4.6	22.8	0.2
4	15.0	20.5	16.4	96.5	18.032	15.9	5.4	0.2	5.6	0.0
5	14.0	22.5	17.7	86.7	17.536	15.5	0.5	0.0	0.5	1.7
6	15.5	22.0	17.3	88.4	17.761	15.6	4.0	0.0	4.0	3.5
7	15.0	21.5	17.0	92.7	18.273	16.1	2.7	0.0	2.7	2.3
8	13.6	24.0	18.9	78.2	16.936	14.9	0.0	0.0	0.0	7.1
9	16.0	24.0	19.1	76.5	17.299	15.2	19.2	1.1	20.3	6.5
10	16.0	22.5	18.1	85.2	17.564	15.4	1.0	3.7	4.7	1.5
11	15.5	22.0	17.8	84.8	17.347	15.2	0.3	0.4	0.7	3.5
12	15.2	23.0	18.7	86.8	18.771	16.5	4.7	0.8	5.5	4.1
13	14.0	22.0	18.6	86.2	18.283	16.1	0.0	1.6	1.6	2.6
14	15.3	22.5	18.5	83.3	17.452	15.2	0.4	0.0	0.4	2.2
15	14.5	23.3	18.7	76.9	16.231	14.1	0.0	3.3	3.3	4.5
16	14.9	21.0	17.1	89.2	17.584	15.5	4.2	0.0	4.2	1.8
17	15.0	19.0	16.6	97.9	18.404	16.2	0.1	0.0	0.1	0.7
18	15.0	22.0	16.9	83.5	16.257	14.2	2.0	1.1	3.1	4.8
19	13.7	21.2	17.0	90.1	17.590	15.5	0.0	0.0	0.0	3.1
20	14.4	24.0	18.4	86.6	18.206	16.0	0.0	0.4	0.4	7.4
21	14.9	23.5	19.3	72.9	15.994	13.9	0.0	9.2	9.2	5.9
22	14.2	20.5	16.9	91.9	17.933	15.8	1.9	0.0	1.9	0.6
23	14.0	22.0	17.6	86.7	17.321	15.2	2.2	7.3	9.5	2.7
24	14.0	22.2	18.1	86.0	17.880	15.7	0.0	0.0	0.0	3.2
25	14.9	19.0	16.1	96.7	17.943	15.8	1.4	0.0	1.4	0.0
26	12.5	22.0	17.4	77.6	15.561	13.6	0.0	0.0	0.0	7.0
27	14.0	22.0	18.0	81.3	16.948	14.9	19.0	0.0	19.0	5.8
28	15.0	22.0	18.5	86.8	18.357	16.2	1.8	3.8	5.6	3.6
29	14.9	20.0	17.7	84.9	17.175	15.1	23.0	0.0	23.0	2.2
30	14.5	22.0	18.0	81.0	16.621	14.5	11.6	7.1	18.7	2.0
31	15.2	18.0	16.9	94.4	18.021	15.9	6.5	0.0	6.5	0.0
Prom.	14.7	21.7	17.7	86.7	17.560	15.4	132.5	46.9	179.4	92.5

Estación HERACLIO URIBE

Municipio SEVILLA

Año 1.971

Altitud 1.540 metros

Latitud 4-16 N.

Longitud 75-55 W.

M E S - NOVIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.4	22.0	18.9	90.2	19.453	17.0	4.4	0.0	4.4	1.2
2	15.0	23.0	17.9	86.7	18.002	15.9	40.8	23.5	64.3	4.9
3	14.6	20.0	16.8	92.6	17.679	15.6	0.2	0.0	0.2	1.2
4	14.7	22.0	18.1	81.6	16.986	14.9	0.0	0.7	0.7	5.0
5	14.9	22.4	17.3	86.6	17.436	15.3	23.7	1.9	25.6	3.5
6	16.6	22.0	17.8	89.1	18.217	16.0	5.8	3.9	9.7	2.5
7	14.8	21.5	17.5	86.8	17.706	15.5	4.8	0.0	4.8	0.8
8	14.0	24.9	19.0	88.7	19.330	17.0	0.1	18.2	18.3	5.0
9	15.0	19.5	16.7	92.2	17.477	15.4	19.6	0.0	19.6	0.0
10	15.0	22.0	17.6	87.2	17.408	15.3	0.0	0.2	0.2	2.5
11	14.0	21.5	18.9	85.7	18.315	16.1	0.0	0.0	0.0	3.7
12	14.0	23.0	18.8	79.5	16.960	14.9	0.3	0.0	0.3	6.1
13	15.5	23.5	19.3	84.9	18.843	16.6	0.0	0.0	0.0	4.3
14	15.9	22.5	17.9	86.4	17.969	15.8	12.9	3.3	16.2	3.0
15	13.5	22.5	18.8	86.8	18.553	16.3	0.0	0.0	0.0	5.0
16	16.5	25.0	19.1	85.7	19.094	16.8	0.2	39.0	39.2	5.7
17	16.0	22.0	17.4	90.0	18.015	15.9	46.8	31.0	77.8	2.0
18	14.9	21.5	17.4	88.3	17.442	15.4	0.0	0.0	0.0	2.2
19	14.6	22.0	17.8	83.5	16.825	14.8	0.0	0.0	0.0	4.6
20	14.8	23.0	17.7	82.2	16.473	14.4	1.3	0.9	2.2	5.3
21	14.8	22.0	17.4	88.1	17.746	15.6	0.7	0.7	1.4	2.0
22	14.5	22.5	18.1	84.0	17.364	15.3	0.0	0.0	0.0	5.3
23	14.5	23.0	18.3	82.5	17.132	15.0	0.1	6.3	6.4	5.1
24	15.0	22.0	18.2	82.4	16.965	14.9	0.0	23.1	23.1	1.5
25	15.0	21.0	17.2	91.8	18.033	15.9	3.3	10.2	13.5	1.0
26	15.0	21.0	17.7	91.7	18.539	16.3	6.4	0.1	6.5	2.5
27	15.4	21.5	18.3	81.7	16.868	14.8	0.0	0.0	0.0	4.1
28	15.0	20.0	16.9	91.6	17.632	15.5	0.0	0.0	0.0	0.5
29	15.0	22.5	18.3	78.4	16.132	14.0	0.0	0.0	0.0	2.2
30	15.4	23.0	19.0	75.2	16.214	14.2	0.0	0.0	0.0	6.2
Prom.	14.9	22.1	18.0	86.1	17.694	15.5	171.4	163.0	334.4	98.9

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.0	23.0	18.7	77.4	16.523	14.5	1.7	0.0	1.7	4.1
2	15.5	22.6	19.0	76.6	16.534	14.5	0.0	0.0	0.0	3.6
3	14.9	23.1	18.5	77.9	16.394	14.4	0.0	0.0	0.0	4.5
4	14.9	23.3	19.0	81.7	17.613	15.5	0.0	0.1	0.1	4.1
5	15.6	23.0	19.4	74.2	16.334	14.3	0.0	0.0	0.0	5.9
6	15.0	22.4	19.1	79.4	17.292	15.2	0.0	0.0	0.0	4.5
7	15.0	23.4	19.4	80.9	17.700	15.6	0.0	3.6	3.6	4.3
8	16.0	22.0	19.0	82.7	18.341	16.1	0.0	0.0	0.0	2.3
9	15.0	24.0	18.4	85.6	18.024	15.8	4.5	0.0	4.5	5.0
10	14.5	24.0	19.1	81.4	17.713	15.6	0.0	0.0	0.0	6.0
11	16.0	23.3	19.0	80.3	17.543	15.4	0.0	0.0	0.0	4.2
12	15.5	23.6	19.1	79.1	17.177	15.1	0.0	0.0	0.0	4.2
13	16.0	23.0	19.4	79.9	17.828	15.7	0.0	0.0	0.0	5.3
14	16.0	25.0	19.8	83.6	19.267	16.9	1.9	0.0	1.9	3.8
15	15.6	25.5	19.8	80.2	18.134	15.9	0.3	0.0	0.3	7.2
16	16.0	22.0	18.8	89.8	19.565	17.1	2.2	0.1	2.3	3.7
17	15.9	22.3	18.3	91.3	19.275	16.9	1.7	0.0	1.7	2.1
18	15.9	22.9	18.7	84.9	18.147	16.0	0.0	0.0	0.0	1.3
19	15.3	24.5	20.4	73.0	17.822	15.7	0.0	0.0	0.0	6.4
20	15.4	21.5	18.4	85.6	18.343	16.1	0.0	4.3	4.3	1.0
21	15.5	21.0	17.3	92.7	18.394	16.2	8.4	0.0	8.4	1.1
22	14.5	21.0	17.4	87.0	17.262	15.2	2.5	9.3	11.5	1.9
23	14.5	20.0	16.5	89.7	16.892	14.8	1.4	2.5	3.9	0.0
24	14.0	21.0	18.2	80.3	16.391	14.4	0.0	28.5	28.5	3.6
25	14.0	20.0	17.5	86.1	17.249	15.1	0.0	0.0	0.0	0.8
26	15.5	22.0	18.2	84.6	17.542	15.4	0.5	35.5	36.0	0.0
27	14.5	20.0	16.9	94.4	18.173	16.0	1.1	0.0	1.1	2.5
28	15.5	23.0	18.4	88.5	18.548	16.3	0.7	0.3	1.0	2.2
29	15.0	22.5	17.8	87.1	17.613	15.5	7.8	0.6	8.4	2.0
30	14.9	21.5	17.5	90.1	18.039	15.9	0.4	0.0	0.4	1.1
31	15.5	22.5	18.5	82.3	17.376	15.3	0.0	0.0	0.0	1.4
Prom.	15.2	22.5	18.6	83.5	17.711	15.6	35.1	84.5	119.6	100.1

Estación **HERACLIO URIBE**Municipio **SEVILLA**Año **1.971**Altitud **1.540** MetrosLatitud **4-16 N.**Longitud **75-55 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.		
ENERO	15.3	23.0	18.4	13.4	25.5	85.5	18.066	15.9	203.2	21	94.5	
FEBRERO	15.2	22.6	18.2	13.5	25.5	82.0	17.003	14.9	222.3	21	88.9	
MARZO	15.5	22.6	18.5	13.0	25.5	83.6	17.591	15.5	521.3	25	69.6	
ABRIL	15.4	23.0	18.6	12.5	25.0	81.4	17.393	15.3	116.2	18	109.1	
MAYO	15.4	22.5	18.6	13.5	24.9	82.7	17.632	15.5	422.1	27	108.9	
JUNIO	15.8	23.1	19.0	13.5	26.3	81.2	17.704	15.5	166.7	21	112.4	
JULIO	15.8	23.9	19.4	14.5	26.0	78.0	17.255	15.1	112.4	10	171.0	
AGOSTO	15.0	22.6	18.4	13.0	25.6	80.7	16.871	14.8	147.7	24	129.3	
SEPTIEMBRE	15.0	22.4	18.1	13.5	25.0	85.7	17.809	15.6	198.8	22	107.3	
OCTUBRE	14.7	21.7	17.7	12.5	24.0	86.7	17.560	15.4	179.4	27	92.5	
NOVIEMBRE	14.9	22.1	18.0	13.5	25.0	86.1	17.694	15.5	334.4	20	98.9	
DICIEMBRE	15.2	22.5	18.6	14.0	25.5	83.5	17.711	15.6	119.6	18	100.1	
PROMEDIO	15.3	22.7	18.5	13.4	25.3	83.1	17.524	15.4				
TOTAL									2744.1	254	1282.5	

Estación **MANUEL MALLARINO**Municipio **TRUJILLO**Año **1.971**Altitud **1.380** metrosLatitud **4-10 N.**Longitud **76-21 W.****M E S - ENERO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	27.9	22.2	68.8	18.085	15.8	0.0	0.0	0.0	6.6
2	17.5	27.9	21.0	68.7	17.347	15.2	0.0	0.0	0.0	6.6
3	16.5	26.5	21.1	70.9	17.426	15.3	0.0	24.1	24.1	4.7
4	17.0	22.0	18.8	94.3	20.899	18.2	8.0	0.0	8.0	0.0
5	15.5	27.5	19.9	69.5	15.794	13.5	8.9	1.6	10.5	5.5
6	17.0	23.9	19.4	78.9	17.886	15.7	16.7	43.6	60.3	0.7
7	16.0	22.4	18.1	88.6	18.598	16.4	10.3	0.3	10.6	0.5
8	16.0	23.9	19.4	79.4	18.049	15.8	2.4	15.9	18.3	3.0
9	16.0	26.0	20.1	65.9	15.586	13.6	0.0	0.0	0.0	6.2
10	16.5	25.0	19.9	76.2	17.520	15.3	16.9	2.5	19.4	3.8
11	17.0	24.0	19.8	78.6	18.319	16.0	3.1	0.0	3.1	2.1
12	17.0	25.9	20.0	73.8	17.010	14.9	0.0	0.0	0.0	5.2
13	16.6	24.0	20.1	77.5	17.832	15.7	0.0	0.0	0.0	1.7
14	15.0	25.5	22.0	63.4	15.909	13.8	0.0	0.0	0.0	7.2
15	16.6	26.0	21.9	67.0	16.649	14.6	0.0	0.4	0.4	5.3
16	17.4	24.0	19.9	79.6	18.490	16.2	0.1	0.0	0.1	1.1
17	14.2	25.6	19.1	70.3	14.938	12.9	0.3	8.2	8.5	1.5
18	16.5	23.9	19.6	76.8	17.409	15.3	0.6	0.1	0.7	2.6
19	15.8	25.5	20.1	72.7	16.926	14.9	30.1	0.7	30.8	3.9
20	15.0	24.3	19.9	71.6	16.145	14.1	0.2	1.0	1.2	4.8
21	16.5	25.0	19.6	74.7	16.924	14.8	1.2	0.2	1.4	5.5
22	16.9	25.3	20.6	70.6	16.953	14.8	3.4	0.0	3.4	3.4
23	16.0	26.3	20.6	65.5	15.538	13.5	0.0	0.0	0.0	7.5
24	16.5	26.0	20.9	66.3	16.041	14.0	0.0	0.0	0.0	6.3
25	16.5	26.4	21.2	67.6	16.365	14.3	2.1	5.1	7.2	6.9
26	16.5	25.0	20.4	76.9	18.008	15.8	0.0	0.0	0.0	3.6
27	17.0	24.5	20.8	70.9	17.152	15.0	0.0	0.0	0.0	3.3
28	17.0	26.0	20.9	72.9	17.687	15.4	7.7	37.4	45.1	4.4
29	15.5	26.0	20.2	73.3	16.669	14.6	0.0	0.0	0.0	4.8
30	16.9	25.5	21.1	65.9	16.395	14.4	2.1	2.7	4.8	6.2
31	16.5	25.9	19.9	75.9	17.400	15.1	19.0	0.0	19.0	3.3
Prom.	16.4	25.3	20.3	73.3	17.160	15.0	133.1	143.8	276.9	128.2

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	25.5	19.9	80.1	18.670	16.4	7.7	0.0	7.7	5.6
2	16.0	26.5	21.3	70.3	17.629	15.5	0.0	0.0	0.0	5.2
3	17.5	25.5	20.9	75.8	18.330	16.0	0.0	13.6	13.6	4.7
4	16.5	23.9	19.3	83.3	18.834	16.4	9.0	0.0	9.0	2.9
5	16.0	21.5	18.0	93.8	19.357	17.0	18.7	0.0	18.7	0.5
6	14.0	25.5	20.1	66.5	15.308	13.3	0.0	0.0	0.0	7.5
7	15.5	24.0	19.9	71.7	16.457	14.4	0.0	0.0	0.0	3.9
8	16.0	26.0	19.4	78.7	17.456	15.3	1.2	0.4	1.6	5.0
9	16.0	25.9	20.0	73.4	17.136	15.0	1.1	2.4	3.5	4.4
10	16.5	23.0	19.0	84.1	18.659	16.4	0.5	0.2	0.7	2.4
11	15.0	25.0	20.2	69.9	16.062	14.0	0.4	0.0	0.4	3.2
12	15.9	24.0	19.8	75.0	17.050	15.0	0.0	0.0	0.0	2.5
13	16.5	25.5	19.9	76.2	17.551	15.3	7.8	7.5	15.3	4.5
14	16.0	24.9	19.7	77.9	17.660	15.5	0.0	1.7	1.7	2.6
15	17.3	24.5	20.4	71.2	16.653	14.5	1.9	0.0	1.9	0.2
16	16.0	25.5	20.5	66.5	15.603	13.5	0.0	5.4	5.4	5.4
17	16.5	25.4	21.1	64.7	15.684	13.7	0.0	9.4	9.4	6.0
18	17.0	22.0	18.7	89.3	19.350	17.0	22.9	2.2	25.1	0.1
19	16.5	22.9	19.3	81.8	18.242	16.0	0.0	5.4	5.4	1.2
20	16.5	25.5	20.0	72.7	16.626	14.4	4.0	8.3	12.3	6.1
21	16.5	22.8	19.5	83.9	18.919	16.6	0.5	0.0	0.5	0.7
22	16.5	20.5	19.0	90.0	19.792	17.3	16.1	0.0	16.1	0.0
23	15.9	26.0	20.2	70.2	16.076	14.0	0.0	0.0	0.0	3.4
24	15.5	26.6	21.2	64.2	15.876	13.9	0.0	0.0	0.0	8.6
25	15.0	27.0	21.7	62.1	15.796	13.8	0.0	0.0	0.0	7.3
26	17.5	26.0	21.7	72.5	18.499	16.2	0.0	0.0	0.0	2.9
27	17.5	27.0	20.3	70.2	16.604	14.5	0.1	0.0	0.1	7.4
28	15.8	26.8	21.2	62.8	15.415	13.4	0.0	0.0	0.0	6.7
Prom.	16.2	24.8	20.1	75.0	17.332	15.2	91.9	56.5	148.4	110.9

Estación MANUEL MALLARINO

Municipio TRUJILLO

Año 1.971

Altitud 1.380 metros

Latitud 4-10 N.

Longitud 76-21 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	22.5	19.7	74.8	17.098	15.0	16.8	2.6	19.4	4.6
2	16.5	25.0	20.3	75.5	17.713	15.6	0.5	11.5	12.0	0.0
3	15.9	25.0	20.3	73.5	17.232	15.1	12.3	7.2	19.5	5.3
4	15.5	24.5	19.7	81.9	18.625	16.4	0.0	0.0	0.0	3.6
5	16.0	26.0	20.8	65.8	15.720	13.7	0.0	0.0	0.0	9.4
6	16.5	26.5	22.3	61.2	16.209	14.1	0.0	0.0	0.0	6.7
7	18.0	25.5	20.4	81.3	19.482	17.1	3.1	0.0	3.1	0.0
8	17.0	24.0	21.0	76.7	18.711	16.4	2.2	0.0	2.2	1.5
9	17.0	26.0	21.1	74.3	18.493	16.3	0.0	0.0	0.0	4.6
10	17.0	28.0	21.8	67.2	16.943	14.8	0.0	0.0	0.0	7.6
11	17.5	25.5	20.5	74.5	17.709	15.5	0.8	6.2	7.0	2.4
12	17.0	25.5	20.5	82.6	19.709	17.2	0.6	0.6	1.2	1.1
13	16.5	25.5	20.9	70.5	17.047	14.9	0.0	5.6	5.6	3.9
14	17.5	25.4	20.8	73.9	17.881	15.6	0.0	0.0	0.0	4.8
15	17.5	23.5	20.8	79.1	19.031	16.7	0.0	6.8	6.8	1.5
16	17.0	24.5	19.7	88.8	20.600	18.0	8.3	3.3	11.6	1.5
17	15.0	24.5	19.4	81.1	18.026	15.8	15.6	2.2	17.8	3.6
18	16.5	24.0	19.7	80.5	18.430	16.2	6.8	5.2	12.0	2.3
19	17.0	24.5	20.1	83.1	19.502	17.1	2.7	30.7	33.4	3.6
20	16.0	20.5	17.5	95.3	19.246	16.9	44.3	0.1	44.4	0.1
21	15.5	24.0	19.6	78.4	17.603	15.4	0.1	0.8	0.9	4.4
22	17.0	24.6	20.4	82.8	19.628	17.2	17.6	10.1	27.7	1.6
23	16.5	24.5	19.7	78.3	17.787	15.6	5.4	0.0	5.4	4.8
24	17.0	24.8	20.1	77.6	17.956	15.8	2.3	0.4	2.7	2.9
25	17.0	25.5	19.2	87.4	19.394	17.0	8.0	19.6	27.6	4.0
26	17.0	25.5	19.6	79.6	18.151	15.9	2.6	0.0	2.6	7.2
27	15.5	25.5	20.4	78.8	18.693	16.4	58.4	1.3	59.7	3.6
28	16.5	24.5	18.8	87.5	19.251	16.9	48.7	13.9	62.6	2.9
29	16.0	22.5	19.5	80.9	17.988	15.8	0.0	0.0	0.0	2.8
30	16.0	23.3	20.0	73.5	16.642	14.5	6.0	15.3	21.3	2.6
31	16.0	23.0	19.0	80.1	17.405	15.3	0.0	2.5	2.5	2.5
Prom.	16.6	24.6	20.1	78.3	18.190	15.9	263.1	145.9	409.0	107.4

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	22.2	19.1	89.8	19.836	17.4	2.6	0.0	2.6	2.6
2	15.0	24.0	19.5	70.5	15.353	13.3	0.1	0.0	0.1	5.5
3	16.5	20.0	17.6	93.6	19.088	16.8	21.0	0.0	21.0	0.4
4	13.5	24.0	19.3	70.4	15.195	13.1	0.0	0.0	0.0	10.4
5	15.9	26.5	21.4	64.8	15.875	13.9	0.0	0.0	0.0	0.0
6	16.0	26.5	21.4	63.5	15.703	13.7	0.0	0.0	0.0	9.3
7	17.5	26.5	20.8	73.4	17.755	15.4	3.5	28.6	32.1	3.9
8	16.0	26.5	21.3	67.9	16.645	14.5	0.0	0.0	0.0	8.2
9	16.9	26.0	21.5	66.9	16.970	14.8	0.0	0.0	0.0	7.2
10	17.0	25.5	21.9	69.8	18.009	15.8	0.0	0.0	0.0	4.5
11	17.5	26.0	20.8	67.8	16.672	14.7	5.4	0.2	5.6	4.5
12	16.5	26.6	21.7	74.8	19.043	16.7	0.0	0.0	0.0	7.6
13	17.5	25.6	20.9	74.4	18.399	16.2	0.0	0.0	0.0	4.3
14	17.5	25.9	21.5	73.4	18.579	16.3	3.3	0.0	3.3	2.9
15	17.0	23.5	19.9	79.2	18.463	16.3	0.0	0.0	0.0	0.6
16	17.0	27.0	21.5	73.1	18.771	16.5	0.0	0.0	0.0	5.1
17	18.0	26.5	20.9	81.3	20.008	17.5	1.3	34.2	35.5	4.4
18	16.5	22.5	19.3	78.0	17.341	15.3	0.6	2.5	3.1	0.2
19	16.5	23.5	20.0	83.1	19.170	16.8	0.0	0.0	0.0	0.7
20	15.0	25.5	20.9	67.4	16.135	14.0	0.0	32.3	32.3	4.2
21	16.5	24.5	20.8	81.8	19.722	17.3	0.0	0.0	0.0	4.9
22	16.5	25.5	21.0	77.6	19.162	16.8	0.0	3.8	3.8	6.5
23	17.0	24.5	19.9	84.6	19.569	17.1	8.7	3.4	12.1	3.0
24	16.5	24.5	19.8	74.5	17.090	15.0	0.0	0.0	0.0	7.0
25	16.0	26.5	21.5	61.1	15.149	13.1	0.0	0.0	0.0	9.3
26	17.0	26.0	21.7	70.5	17.831	15.5	0.0	0.0	0.0	8.3
27	16.0	26.0	21.5	68.7	17.511	15.4	0.0	33.0	33.0	6.2
28	16.5	23.5	19.7	79.2	17.987	15.9	5.0	0.0	5.0	1.1
29	17.5	26.0	21.6	66.7	17.104	15.0	0.0	0.0	0.0	7.2
30	16.6	25.2	20.9	71.9	17.693	15.5	0.0	0.0	0.0	4.9
Prom.	16.5	25.1	20.7	74.0	17.728	15.5	51.5	138.0	189.5	144.9

Estación **MANUEL MALLARINO**Municipio **TRUJILLO**Año **1.971**Altitud **1.380** metrosLatitud **4-10 N.**Longitud **76-21 W.****M E S - MAYO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.5	24.9	20.1	81.2	19.292	16.7	1.1	0.5	1.6	4.5
2	16.5	26.6	21.2	79.7	19.640	17.0	5.5	0.4	5.9	5.6
3	15.5	24.0	19.9	78.1	17.824	15.7	0.1	62.8	62.9	4.3
4	16.0	24.0	19.9	81.9	18.586	16.2	0.0	0.0	0.0	5.4
5	15.0	26.0	20.5	74.5	17.804	15.5	0.0	72.1	72.1	3.9
6	15.5	20.5	17.7	86.2	17.359	15.2	0.0	0.0	0.0	0.0
7	14.9	25.5	21.1	71.4	17.316	15.2	0.0	8.8	8.8	8.0
8	17.0	24.0	20.4	76.2	17.844	15.7	0.0	0.0	0.0	3.1
9	16.6	25.9	21.3	74.5	18.608	16.4	1.9	0.7	2.6	7.5
10	17.0	25.9	21.1	74.2	18.242	15.9	0.0	5.5	5.5	7.2
11	17.0	25.5	20.9	82.3	20.448	17.9	0.0	0.4	0.4	3.3
12	16.5	25.9	21.5	76.4	19.148	16.6	0.4	0.0	0.4	3.4
13	16.5	25.0	21.5	73.2	18.387	16.2	0.0	5.1	5.1	5.1
14	17.0	22.2	18.4	94.1	20.153	17.6	10.4	0.0	10.4	0.9
15	15.4	25.9	20.6	74.9	17.735	15.6	0.0	24.5	24.5	4.8
16	16.5	21.5	19.0	81.6	17.955	15.7	2.3	0.0	2.3	0.0
17	17.3	24.9	21.0	77.1	18.730	16.4	0.0	1.7	1.7	4.0
18	17.0	25.9	21.5	72.2	17.942	15.7	0.0	36.2	36.2	5.5
19	17.0	26.3	21.8	73.6	18.436	16.2	2.4	0.0	2.4	7.2
20	16.4	23.0	19.6	83.7	19.127	16.8	8.8	11.8	20.6	2.6
21	16.5	25.8	20.8	75.2	17.821	15.7	0.0	0.0	0.0	3.9
22	15.5	25.5	21.0	78.2	19.095	16.7	0.0	0.0	0.0	6.3
23	15.5	23.9	20.3	76.2	17.885	15.7	0.0	19.9	19.9	0.0
24	16.5	26.3	21.3	78.9	19.542	17.1	0.5	32.5	33.0	3.8
25	17.0	23.0	19.5	76.4	17.127	15.0	0.1	2.6	2.7	3.8
26	17.0	25.2	20.5	76.5	18.059	15.7	0.7	0.0	0.7	6.7
27	15.5	27.0	22.2	60.0	15.802	13.8	0.0	0.0	0.0	9.3
28	17.0	25.3	21.6	69.6	17.981	15.8	0.0	0.0	0.0	1.8
29	17.0	26.0	21.4	82.0	20.821	18.1	4.5	1.5	6.0	5.1
30	17.0	22.9	19.9	87.1	20.033	17.5	1.4	0.0	1.4	0.9
31	15.8	25.0	21.4	74.5	18.257	16.0	0.0	0.0	0.0	8.9
Prom.	16.3	24.8	20.6	77.5	18.484	16.2	40.1	287.0	327.1	136.8

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	25.9	20.8	75.6	18.424	16.1	5.8	0.6	6.4	3.1
2	16.5	26.5	21.2	76.1	18.736	16.5	0.0	0.0	0.0	5.4
3	16.5	27.0	22.0	67.1	17.257	15.2	0.0	0.0	0.0	6.2
4	17.0	26.5	22.1	73.4	19.369	17.0	0.0	4.5	4.5	5.6
5	17.5	25.0	20.9	80.8	19.626	17.2	0.0	3.3	3.3	4.3
6	17.6	24.0	20.9	83.9	20.423	17.8	0.5	0.0	0.5	3.1
7	17.5	23.5	18.8	89.8	19.691	17.2	2.0	0.0	2.0	2.1
8	16.5	25.0	20.9	75.5	18.145	15.9	0.0	0.0	0.0	4.1
9	17.0	26.0	20.3	75.8	18.110	15.9	4.3	0.0	4.3	4.3
10	16.0	25.0	19.9	76.8	17.712	15.4	19.9	0.0	20.2	3.3
11	15.6	25.0	21.0	68.1	16.717	14.7	0.0	0.0	0.0	8.2
12	16.0	19.9	17.6	95.8	19.406	17.0	29.8	0.2	30.0	0.0
13	14.9	24.5	19.4	76.9	16.915	14.9	0.0	0.0	0.0	2.8
14	15.5	25.8	20.6	73.4	17.225	15.1	0.0	0.0	0.0	5.1
15	16.6	26.4	21.8	81.3	20.890	18.1	1.4	0.0	1.4	4.9
16	16.0	26.3	21.3	70.9	17.789	15.4	1.1	0.9	2.0	7.3
17	15.8	25.0	20.9	76.0	18.405	16.2	0.1	0.5	0.6	6.1
18	16.4	22.6	18.7	92.1	20.094	17.6	13.3	0.0	13.3	2.5
19	15.6	24.8	19.9	77.0	17.582	15.5	0.0	0.0	0.0	5.3
20	17.0	26.1	21.6	68.8	17.111	15.0	0.0	0.0	0.0	6.7
21	16.9	24.5	19.7	79.8	18.299	16.0	4.1	0.6	4.7	4.7
22	16.0	24.0	19.9	81.1	18.592	16.4	0.9	0.0	0.9	2.7
23	17.0	26.9	21.7	66.0	16.341	14.3	0.0	0.0	0.0	9.8
24	17.6	26.9	22.0	71.3	18.512	16.3	8.2	0.5	8.7	7.0
25	16.8	27.0	22.4	68.4	17.571	15.4	0.0	42.5	42.5	7.1
26	16.9	22.9	20.1	85.9	20.002	17.5	0.0	0.0	0.0	1.8
27	16.9	25.9	20.7	79.2	19.134	16.7	0.0	0.0	0.0	6.0
28	16.5	25.9	21.2	75.2	18.393	16.1	0.0	0.0	0.0	6.3
29	17.6	25.5	21.2	73.1	18.229	16.0	0.0	6.4	6.4	4.5
30	17.6	26.0	20.7	78.8	19.023	16.7	4.8	0.1	4.9	4.6
Prom.	16.6	25.2	20.7	77.1	18.457	16.2	96.2	60.4	156.6	144.9

Estación **MANUEL MALLARINO**Municipio **TRUJILLO**Año **1.971**Altitud **1.380** metrosLatitud **4-10 N.**Longitud **76-21 W.****M E S - JULIO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	25.5	20.4	80.0	18.977	16.6	2.8	0.7	3.5	4.1
2	16.5	26.0	20.9	75.7	18.331	16.1	0.0	35.1	35.1	4.8
3	17.0	25.0	20.7	77.6	18.375	16.2	0.0	1.4	1.4	6.2
4	16.5	21.0	18.9	90.1	19.686	17.3	9.2	0.0	9.2	0.0
5	17.0	25.9	21.4	76.2	19.203	16.8	0.0	0.0	0.0	6.5
6	16.5	26.5	22.0	70.2	18.222	16.0	0.0	0.0	0.0	6.4
7	17.5	25.5	21.7	75.9	19.531	17.1	0.0	0.0	0.0	4.3
8	16.0	27.0	22.8	67.4	18.009	15.8	0.0	0.0	0.0	9.0
9	18.0	26.5	23.5	66.0	19.478	16.8	0.0	0.0	0.0	8.4
10	17.5	26.0	22.1	80.5	21.119	18.4	1.7	0.0	1.7	5.3
11	16.5	27.0	21.8	78.0	19.593	17.0	0.1	2.4	2.5	7.7
12	16.9	25.0	20.7	79.1	19.255	16.9	2.2	0.6	2.8	5.2
13	17.5	25.9	21.6	74.3	18.614	16.3	0.0	12.9	12.9	5.5
14	17.0	24.9	20.4	83.9	19.952	17.4	4.2	2.6	6.8	2.1
15	16.0	26.2	20.9	70.8	16.899	14.8	0.0	0.0	0.0	6.1
16	15.9	25.5	21.0	60.9	14.413	12.1	0.0	0.0	0.0	9.8
17	16.5	26.4	21.8	63.1	15.668	13.6	0.0	0.0	0.0	7.7
18	16.5	28.0	22.1	67.6	17.317	15.2	0.0	0.0	0.0	10.2
19	16.8	28.0	22.2	72.3	18.664	16.4	0.0	0.0	0.0	7.3
20	17.5	28.5	22.6	66.9	17.524	15.4	0.0	0.0	0.0	7.3
21	17.5	28.0	22.4	68.0	18.164	16.0	0.0	0.0	0.0	
22	17.4	28.9	22.5	66.4	17.975	15.8	0.0	0.0	0.0	
23	16.5	27.8	22.3	68.7	17.860	15.7	0.0	0.0	0.0	
24	17.0	27.6	22.2	65.8	17.001	14.9	0.0	0.0	0.0	
25	16.5	28.0	21.6	69.4	17.571	15.4	0.1	2.2	2.3	
26	16.5	24.2	20.1	75.2	17.101	15.0	0.0	8.0	8.0	
27	16.9	26.0	21.3	67.8	16.772	14.7	2.3	0.0	2.3	
28	16.5	25.9	21.5	71.9	17.914	15.7	0.0	0.0	0.0	4.5
29	17.3	26.5	21.3	71.6	17.657	15.5	0.4	0.5	0.9	6.3
30	17.0	27.5	21.3	72.8	18.121	15.9	0.0	0.0	0.0	5.8
31	15.5	26.2	21.5	64.5	16.442	14.4	0.0	0.0	0.0	5.2
Prom.	16.8	26.4	21.5	72.2	18.110	15.8	23.0	66.4	89.4	

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.5	27.0	22.0	70.3	18.429	16.2	0.0	0.0	0.0	3.9
2	16.9	26.5	21.8	72.4	17.953	15.7	0.0	2.8	2.8	7.3
3	15.0	24.9	20.7	75.7	18.146	15.8	0.0	0.1	0.1	5.8
4	16.0	23.0	18.9	96.5	21.123	18.4	8.4	13.4	21.8	0.7
5	15.5	24.9	20.1	79.4	18.243	16.0	1.2	0.0	1.2	3.7
6	15.5	23.0	20.4	78.4	18.361	16.1	0.0	0.0	0.0	5.0
7	17.5	25.9	20.9	67.8	16.422	14.4	0.0	0.0	0.0	7.0
8	17.5	25.9	21.1	67.7	16.705	14.7	0.0	0.0	0.0	3.6
9	16.8	27.4	21.8	65.9	16.243	14.2	0.0	0.0	0.0	9.1
10	16.5	27.5	21.8	75.1	19.084	16.7	0.9	1.3	2.2	7.9
11	16.5	26.4	21.1	72.8	17.482	15.3	1.0	9.5	10.5	4.8
12	16.0	23.0	19.7	84.4	19.073	16.8	0.0	0.0	0.0	1.6
13	15.6	26.0	20.9	67.6	15.921	13.9	0.0	0.0	0.0	8.6
14	16.9	22.9	20.7	76.2	18.223	16.0	0.0	1.1	1.1	0.5
15	15.6	22.8	19.2	88.4	19.672	17.2	0.0	0.0	0.0	2.0
16	15.3	26.9	21.1	68.3	16.175	14.1	0.0	6.1	6.1	7.1
17	16.0	25.6	20.6	74.4	17.402	15.2	3.4	9.8	13.2	6.9
18	16.9	25.9	20.8	72.5	17.152	15.0	2.7	3.7	6.4	5.7
19	16.0	25.6	20.2	72.2	16.637	14.6	0.0	1.6	1.6	5.9
20	17.9	25.2	20.4	81.7	19.329	16.9	12.6	8.4	21.0	4.6
21	16.5	26.0	21.3	69.5	16.795	14.7	1.0	7.9	8.9	5.9
22	17.0	24.0	20.1	80.5	18.742	16.5	0.0	0.0	0.0	4.3
23	16.0	26.4	20.3	69.9	16.530	14.5	0.0	4.0	4.0	8.6
24	16.0	25.8	21.6	70.9	17.348	15.2	0.0	0.0	0.0	7.0
25	16.5	25.8	20.6	71.9	17.251	15.1	0.0	3.5	3.5	6.5
26	17.5	22.9	20.1	78.6	18.307	16.1	3.0	30.6	33.6	1.6
27	16.5	23.9	19.8	82.4	18.635	16.1	5.6	5.1	5.7	1.9
28	15.8	26.9	21.1	69.4	16.600	14.6	0.0	0.0	0.0	7.9
29	17.6	26.9	22.3	65.1	17.187	15.1	0.0	0.0	0.0	8.5
30	18.0	26.0	21.7	71.6	18.411	16.2	0.0	0.0	0.0	5.8
31	18.0	28.0	21.5	73.2	18.519	16.2	4.7	0.5	5.2	8.4
Prom.	16.5	25.4	20.8	74.5	17.810	15.6	44.5	104.4	148.9	168.1

Estación MANUEL MALLARINO

Municipio TRUJILLO

Año 1.971

Altitud 1.380 metros

Latitud 4-10 N.

Longitud 76-21 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.2	23.5	18.5	84.4	18.640	16.4	22.4	0.0	22.4	1.3
2	14.5	23.6	19.4	78.8	17.439	15.3	0.0	23.5	23.5	4.9
3	16.0	22.4	19.1	71.0	15.450	13.3	0.0	0.0	0.0	2.6
4	15.8	22.5	18.7	87.7	18.793	16.5	0.5	20.9	21.4	1.0
5	16.0	24.0	19.1	72.5	15.811	13.8	0.0	0.0	0.0	6.1
6	15.0	27.0	20.1	69.3	16.248	14.2	2.3	0.0	2.3	7.4
7	17.0	25.2	19.7	81.2	18.531	16.3	14.2	38.3	52.5	3.7
8	16.0	24.5	20.0	78.9	18.298	16.0	0.4	5.1	5.5	1.4
9	16.5	24.5	20.1	74.4	17.496	15.3	0.0	0.0	0.0	5.4
10	17.0	24.9	20.8	68.7	16.687	14.5	0.0	0.0	0.0	3.9
11	17.0	27.5	21.9	65.6	16.491	14.4	0.0	0.0	0.0	9.9
12	16.9	27.5	21.2	72.1	17.758	15.4	8.0	2.6	10.6	7.2
13	16.6	24.0	20.0	76.8	17.640	15.5	0.0	0.0	0.0	4.4
14	15.5	25.8	20.3	67.5	15.641	13.6	0.0	0.0	0.0	8.2
15	17.4	25.9	21.1	71.7	17.463	15.3	4.4	1.7	6.1	5.2
16	16.9	23.9	20.2	82.9	19.399	17.0	8.8	1.9	10.7	1.8
17	16.9	25.9	19.7	81.9	18.533	16.2	14.4	1.0	15.4	5.5
18	17.3	25.5	21.1	73.7	18.062	15.9	0.0	0.0	0.0	2.5
19	17.6	24.9	21.1	75.7	18.657	16.3	3.0	0.0	3.0	3.0
20	17.6	25.3	21.0	79.5	19.506	17.1	0.0	7.1	7.1	3.9
21	18.3	24.9	20.5	80.6	19.119	16.7	26.0	0.0	26.0	2.5
22	15.6	26.5	20.8	70.6	16.873	14.8	0.0	0.0	0.0	6.4
23	17.0	28.0	21.8	78.4	20.037	17.4	2.0	0.8	2.8	6.9
24	17.7	26.5	21.1	78.8	19.602	17.2	0.0	0.0	0.0	6.7
25	17.3	26.0	21.0	69.3	17.042	14.9	0.0	0.0	0.0	6.6
26	17.0	26.5	21.6	73.2	18.403	16.2	0.0	0.0	0.0	3.6
27	15.5	26.0	21.0	72.7	17.554	15.4	0.0	0.0	0.0	5.0
28	17.1	27.1	21.2	71.2	17.564	15.3	0.0	0.0	0.0	4.4
29	17.5	26.9	22.1	71.2	18.469	16.2	0.0	0.0	0.0	5.1
30	17.6	25.9	21.3	75.8	18.562	16.2	0.0	5.4	5.4	2.3
Prom.	16.6	25.4	20.5	75.2	17.859	15.6	106.4	108.3	214.7	138.8

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.6	25.0	21.0	78.2	18.848	16.5	0.1	4.3	4.4	0.7
2	17.4	22.9	19.4	84.6	19.037	16.7	3.2	0.1	3.3	0.4
3	17.5	24.0	19.5	83.8	19.053	16.7	2.8	18.9	21.7	4.4
4	16.9	23.5	18.8	84.9	18.390	16.2	12.4	0.5	12.9	1.0
5	16.5	23.5	19.1	89.1	20.019	17.5	11.8	0.0	11.8	2.1
6	16.5	26.3	21.3	77.5	18.992	16.7	0.0	0.0	0.0	6.3
7	16.5	24.0	20.0	79.9	18.565	16.3	0.5	0.0	0.5	2.4
8	16.4	26.5	21.5	71.4	17.522	15.4	0.0	0.0	0.0	5.6
9	17.0	27.3	21.5	76.2	19.050	16.5	0.1	13.5	13.6	4.4
10	17.9	24.5	20.8	84.6	20.904	18.2	3.9	2.6	6.5	4.7
11	17.6	24.9	21.2	76.8	18.882	16.6	0.1	0.0	0.1	3.2
12	17.9	25.4	20.8	75.8	18.741	16.4	12.6	1.9	14.5	3.3
13	16.9	26.3	21.4	75.7	18.813	16.4	0.0	6.8	6.8	4.7
14	17.2	25.9	19.9	74.4	17.318	15.2	51.9	6.0	57.9	5.9
15	16.8	27.5	21.1	71.2	17.401	15.3	0.0	0.0	0.0	6.2
16	17.4	24.5	20.7	78.9	18.954	16.6	0.2	0.0	0.2	3.0
17	17.5	21.5	19.2	82.4	18.340	16.1	0.0	14.8	14.8	0.1
18	17.0	24.9	19.6	80.9	18.171	15.9	2.6	9.4	12.0	4.8
19	16.9	23.9	20.2	79.3	18.343	16.1	0.0	0.0	0.0	4.1
20	16.8	27.3	21.8	72.7	18.320	16.1	0.0	0.0	0.0	6.7
21	18.1	28.8	22.5	65.4	17.009	14.7	0.0	1.2	1.2	8.4
22	18.5	24.3	20.5	78.4	18.675	16.3	0.0	16.6	16.6	0.6
23	17.7	25.9	21.0	81.7	19.878	17.3	16.2	7.9	24.1	3.3
24	17.6	25.0	19.6	77.3	17.425	15.2	0.3	0.0	0.3	2.1
25	14.0	19.9	17.5	89.1	17.941	15.8	32.4	0.0	32.4	0.2
26	13.6	24.5	18.9	76.9	16.401	14.4	0.0	0.0	0.0	7.1
27	16.6	25.5	19.2	76.9	16.906	14.8	3.2	0.0	3.2	6.3
28	17.0	26.5	20.8	73.4	17.756	15.6	0.0	0.0	0.0	3.9
29	18.6	22.5	19.5	85.3	19.479	17.1	3.1	0.0	3.1	1.5
30	17.9	23.6	20.6	77.8	18.605	16.3	0.0	0.0	0.0	0.1
31	18.4	20.6	18.8	94.7	20.560	17.9	30.8	0.0	30.8	0.0
Prom.	17.1	24.7	20.2	79.2	18.526	16.2	188.2	104.5	292.7	107.5

Estación **MANUEL MALLARINO**Municipio **TRUJILLO**Año **1.971**Altitud **1.380** metrosLatitud **4-10 N.**Longitud **76-21 W.****M E S - NOVIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.4	24.5	19.3	85.7	19.069	16.7	9.3	0.0	9.3	2.2
2	17.6	26.2	20.9	81.5	19.754	17.2	4.8	7.9	12.7	5.2
3	16.5	22.6	19.2	84.8	18.520	16.3	1.1	0.0	1.1	0.7
4	16.8	25.9	21.4	74.3	18.455	16.2	0.5	9.2	9.7	7.5
5	17.4	26.5	21.3	73.1	17.888	15.7	0.4	17.4	17.8	3.8
6	17.9	26.2	21.3	79.1	19.656	17.1	14.1	0.8	14.9	2.1
7	17.5	25.0	20.5	86.8	21.059	18.3	0.7	0.0	0.7	0.9
8	17.3	26.5	21.5	72.3	18.016	15.9	0.0	53.2	53.2	7.2
9	17.0	21.0	18.4	97.7	20.724	18.1	3.3	0.0	3.3	4.9
10	16.5	24.9	19.7	78.6	17.896	15.7	0.0	0.0	0.0	2.0
11	17.1	25.9	20.4	75.9	17.980	15.8	0.0	0.0	0.0	3.8
12	17.0	27.2	21.0	69.9	16.993	14.9	0.0	0.4	0.4	7.6
13	17.5	27.1	21.9	73.2	18.453	16.1	3.4	0.5	3.9	7.2
14	17.6	26.9	20.5	80.2	19.025	16.5	9.5	0.0	9.5	4.2
15	17.1	25.9	21.4	73.3	17.943	15.8	0.0	0.0	0.0	5.9
16	18.3	26.9	21.5	77.7	19.862	17.3	12.5	0.3	12.8	5.8
17	17.9	25.9	20.4	82.2	19.543	17.1	39.3	37.8	77.1	0.0
18	16.8	24.0	20.0	76.9	17.615	15.5	0.0	0.5	0.5	3.2
19	15.6	26.6	20.1	78.4	18.161	16.0	0.0	0.0	0.0	3.5
20	17.1	25.4	20.3	76.3	18.079	15.8	0.0	8.1	8.1	4.9
21	17.6	25.0	19.9	80.2	18.608	16.4	1.6	0.1	1.7	1.9
22	18.0	23.6	19.7	77.7	17.912	15.7	0.0	0.0	0.0	3.5
23	15.5	26.5	20.4	72.4	16.881	14.8	0.0	4.3	4.3	9.1
24	17.6	26.6	20.2	74.9	17.584	15.4	0.0	0.4	0.4	4.7
25	16.9	24.9	20.0	74.7	17.025	14.9	0.1	0.0	0.1	2.7
26	17.5	26.0	20.4	79.4	18.679	16.4	9.3	0.0	9.3	3.5
27	17.4	26.0	21.2	78.7	19.175	16.7	0.1	0.0	0.1	5.6
28	17.5	23.0	20.2	79.8	18.643	16.4	0.0	0.0	0.0	0.0
29	16.5	24.5	19.0	81.3	18.092	15.9	0.0	0.0	0.0	4.3
30	15.7	28.0	20.8	67.8	16.217	14.2	0.0	0.0	0.0	8.7
Prom.	17.1	25.5	20.4	78.2	18.450	16.2	110.0	140.9	250.9	126.6

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.3	26.5	21.3	69.7	17.448	15.4	0.0	0.0	0.0	7.2
2	16.5	25.5	21.2	68.2	16.863	14.8	0.0	0.0	0.0	4.5
3	15.9	26.0	20.7	67.1	15.726	13.6	0.0	0.0	0.0	4.1
4	17.5	26.0	20.6	72.3	17.160	15.1	0.0	3.2	3.2	5.1
5	17.4	27.0	21.1	65.9	16.449	14.4	0.0	0.0	0.0	5.3
6	16.9	25.0	19.8	69.4	15.959	13.9	0.0	0.0	0.0	7.1
7	15.0	26.6	20.9	73.4	17.683	15.4	1.1	0.0	1.1	6.8
8	16.5	26.0	21.5	68.5	17.177	15.1	0.0	0.0	0.0	6.3
9	16.5	27.0	21.1	68.9	16.815	14.7	0.0	0.0	0.0	6.5
10	16.0	27.0	21.4	65.9	16.241	14.2	0.0	0.0	0.0	7.4
11	16.5	26.5	21.0	70.0	17.108	15.0	0.0	0.0	0.0	4.6
12	16.0	27.5	22.1	63.2	16.126	14.0	0.0	0.0	0.0	7.5
13	16.6	26.5	21.8	68.3	17.100	15.0	0.0	0.2	0.2	6.3
14	17.5	28.3	21.9	71.8	18.508	16.2	1.4	9.2	10.6	6.1
15	16.5	27.6	22.4	66.6	17.416	15.3	0.8	6.8	7.6	7.3
16	18.0	27.0	20.9	69.6	16.889	14.6	0.0	2.2	2.2	5.0
17	16.5	25.0	20.6	72.4	16.845	14.5	9.7	0.0	9.7	2.8
18	17.0	24.5	19.3	82.0	18.445	16.2	4.0	1.0	5.0	0.9
19	14.5	26.4	20.4	67.1	15.217	13.2	0.0	0.0	0.0	8.3
20	16.6	25.0	19.5	74.4	16.641	14.6	0.0	0.1	0.1	2.9
21	15.5	22.2	18.2	87.7	18.570	16.2	14.8	0.3	15.1	1.1
22	16.0	23.0	18.5	83.0	17.608	15.5	3.5	1.3	4.8	4.1
23	16.5	22.5	19.1	85.9	19.002	16.7	4.1	20.3	24.4	0.3
24	16.0	25.9	19.7	67.2	14.953	12.8	0.0	0.0	0.0	7.3
25	16.6	24.0	18.6	82.9	17.750	15.6	5.0	0.0	5.0	2.8
26	15.9	25.6	20.1	70.5	16.122	14.1	0.0	20.3	20.3	5.1
27	16.9	23.0	18.6	93.1	19.773	17.3	14.0	0.6	14.6	2.9
28	17.0	25.0	19.6	74.8	16.749	14.6	0.0	0.0	0.0	3.6
29	16.0	24.0	18.9	72.8	15.564	13.3	3.6	36.2	39.8	3.4
30	17.0	23.0	18.9	77.4	16.906	14.8	13.9	0.0	13.9	3.7
31	16.0	24.0	19.4	76.3	17.023	15.0	0.0	0.0	0.0	2.8
Prom.	16.5	25.5	20.3	73.1	17.027	14.9	75.9	101.7	177.6	149.1

Estación **MANUEL MALLARINO**
 Altitud **1.380** Metros

Municipio **TRUJILLO**
 Latitud **4-10** N.

Año **1.971**
 Longitud **76-21** W.

MESES	TEMPERATURA ° C					Humedad relativa %	Tenstión vapor mb.	Punto roció °C	Precipitación		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día llov.		
ENERO	16.4	25.3	20.3	14.2	27.9	73.3	17.160	15.0	276.9	20	128.2	
FEBRERO	16.2	24.8	20.1	14.0	27.0	75.0	17.332	15.2	148.4	19	110.9	
MARZO	16.6	24.6	20.1	15.0	28.0	78.3	18.190	15.9	409.0	24	107.4	
ABRIL	16.5	25.1	20.7	13.5	27.0	74.0	17.728	15.5	190.7	13	144.9	
MAYO	16.3	24.8	20.6	14.9	27.0	77.5	18.484	16.2	327.1	23	136.8	
JUNIO	16.6	25.2	20.7	14.9	27.0	77.1	18.457	16.2	156.6	18	144.9	
JULIO	16.8	26.4	21.5	15.5	28.9	72.2	18.110	15.8	89.4	13		
AGOSTO	16.5	25.4	20.8	15.0	28.0	74.5	17.810	15.6	148.9	18	168.1	
SEPTIEMBRE	16.6	25.4	20.5	14.5	28.0	75.2	17.859	15.6	214.7	15	138.8	
OCTUBRE	17.1	24.7	20.2	13.6	28.8	79.2	18.526	16.2	298.7	23	107.5	
NOVIEMBRE	17.1	25.5	20.4	15.5	28.0	78.2	18.450	16.2	250.9	22	126.6	
DICIEMBRE	16.5	25.5	20.3	14.5	28.3	73.1	17.027	14.9	177.6	17	149.1	
PROMEDIO	16.6	25.2	20.5	14.6	27.8	75.6	17.928	15.7				
TOTAL									2682.9	225		

Estación **JULIO FERNANDEZ**Municipio **RESTREPO**Año **1.971**Altitud **1.360** metrosLatitud **3-49 N.**Longitud **76-31 W.****M E S - ENERO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.8	25.4	19.7	81.4	18.653	16.4	0.0	2.0	2.0	9.7
2	17.1	26.0	20.6	80.4	19.548	17.1	0.1	0.0	0.1	
3	17.6	25.0	20.2	83.3	19.899	17.4	0.1	5.7	5.8	
4	17.2	23.0	18.5	84.3	18.199	16.0	22.4	1.7	24.1	
5	16.6	23.0	18.4	90.3	19.276	16.9	1.7	6.0	7.7	
6	16.8	23.0	18.8	85.1	18.581	16.3	12.2	6.5	18.7	
7	16.3	22.0	18.4	80.8	17.271	15.2	1.4	0.0	1.4	
8	15.4	23.0	18.4	80.2	16.813	14.8	0.0	4.6	4.6	
9	16.4	23.5	18.0	90.8	18.969	16.7	8.5	9.6	18.1	
10	16.4	24.2	19.0	80.3	17.745	15.6	0.3	2.2	2.5	
11	17.0	23.3	18.6	85.4	18.674	16.4	0.0	10.1	10.1	
12	16.0	24.9	19.5	81.7	18.554	16.3	0.4	0.0	0.4	
13	16.0	24.4	19.1	81.7	18.157	16.0	9.9	0.0	9.9	
14	14.9	24.6	18.8	82.8	17.972	15.8	0.1	0.0	0.1	
15	17.3	26.0	19.7	79.6	18.288	16.1	0.0	0.0	0.0	
16	17.4	20.0	18.1	87.7	18.410	16.2	4.5	0.0	4.5	
17	13.0	24.9	18.4	81.5	17.000	15.0	0.2	8.1	8.3	
18	16.3	23.9	18.9	80.1	17.481	15.4	1.0	0.2	1.2	
19	15.0	24.0	19.0	82.6	18.028	15.8	0.0	2.8	2.8	
20	14.1	24.2	18.5	83.7	17.701	15.6	0.9	2.1	3.0	
21	15.6	23.2	18.5	83.7	17.754	15.6	0.7	0.0	0.7	
22	16.4	25.2	19.8	81.4	18.781	16.5	0.0	0.0	0.0	
23	15.9	25.4	19.7	78.4	18.004	15.8	0.0	0.0	0.0	
24	15.6	24.2	19.4	81.8	18.356	16.2	0.0	0.0	0.0	
25	17.1	24.6	19.4	80.3	18.184	16.0	0.0	8.2	8.2	
26	17.0	24.8	19.4	82.2	18.542	16.3	0.2	3.7	3.9	
27	15.5	24.0	19.3	83.8	18.692	16.4	0.0	0.0	0.0	
28	17.4	25.4	19.1	83.3	18.584	16.3	0.0	1.0	1.0	
29	15.9	26.2	20.0	81.5	18.685	16.4	0.0	0.0	0.0	
30	16.8	26.0	19.6	81.0	18.529	16.3	0.0	0.0	0.0	
31	15.5	25.0	19.4	77.0	17.495	15.3	0.0	0.0	0.0	
Prom.	16.2	24.3	19.1	82.5	18.285	16.1	64.6	74.5	139.1	

M E S - FEBRERO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.5	24.0	19.2	81.3	18.156	16.0	0.0	0.0	0.0	5.0
2	16.0	25.3	19.5	78.6	17.706	15.5	0.1	2.6	2.7	6.4
3	16.5	26.0	20.3	79.2	18.510	16.2	0.0	1.9	1.9	0.5
4	16.5	23.6	18.7	81.1	17.440	15.3	1.3	0.0	1.3	4.8
5	16.2	22.4	17.3	87.8	17.492	15.4	11.0	0.0	11.0	6.4
6	13.2	24.0	18.5	84.1	17.380	15.2	0.0	0.0	0.0	4.3
7	16.6	26.2	19.4	78.9	17.807	15.7	0.0	0.0	0.0	5.7
8	17.2	24.0	19.0	80.6	17.685	15.5	0.0	2.5	2.5	6.5
9	16.0	22.4	18.3	86.4	18.191	16.0	2.0	2.2	4.2	2.6
10	16.0	23.3	18.2	83.6	17.474	15.4	0.0	0.0	0.0	2.5
11	15.8	24.0	19.6	74.6	16.537	14.5	0.0	0.0	0.0	1.7
12	16.4	25.4	19.3	76.9	17.099	15.0	0.0	0.0	0.0	6.7
13	15.5	26.0	19.5	79.0	17.823	15.7	0.0	9.1	9.1	5.7
14	15.6	23.9	18.8	80.2	17.647	15.5	0.0	0.0	0.0	1.7
15	14.0	24.9	19.0	79.0	16.914	14.9	0.0	0.0	0.0	7.5
16	16.5	24.0	18.6	86.5	18.785	16.5	13.9	0.8	14.7	2.9
17	16.4	23.9	19.2	81.8	18.269	16.1	1.6	2.1	3.7	7.3
18	16.5	22.2	18.6	82.4	17.614	15.5	0.7	1.1	1.8	0.4
19	16.0	22.4	18.2	92.8	19.419	17.0	4.8	2.0	6.8	0.8
20	15.2	24.4	18.3	84.8	17.892	15.8	7.9	14.0	21.9	6.2
21	16.6	23.3	18.5	73.2	16.008	14.0	2.7	0.0	2.7	1.6
22	15.9	21.0	17.8	86.8	17.674	15.6	0.0	0.0	0.0	0.2
23	14.0	24.0	18.7	80.5	17.014	14.9	0.9	0.0	0.9	2.2
24	16.0	25.6	19.7	78.2	17.710	15.5	0.0	0.0	0.0	7.9
25	17.0	26.6	20.6	77.6	18.649	16.4	0.0	0.3	0.3	7.8
26	17.0	24.8	19.2	85.8	19.191	16.9	3.8	0.0	3.8	4.3
27	16.0	26.0	19.5	83.2	18.784	16.5	2.8	0.0	2.8	5.2
28	14.8	27.8	20.3	77.3	18.019	15.8	0.0	0.0	0.0	8.6
Prom.	15.9	24.3	19.0	81.5	17.817	15.7	53.5	38.6	92.1	123.4

Estación JULIO FERNANDEZ

Municipio RESTREPO

Año 1.971

Altitud 1.360 metros

Latitud 3-49 N.

Longitud 76-31 W.

M E S - MARZO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.6	21.0	18.6	90.1	19.625	17.2	2.6	0.0	2.6	0.0
2	16.6	26.0	19.5	78.7	17.652	15.5	0.3	2.8	3.1	7.3
3	15.6	24.9	17.9	91.5	18.555	16.3	21.1	4.9	26.0	3.8
4	15.9	24.9	19.3	80.4	17.774	15.6	0.0	0.0	0.0	3.6
5	16.3	26.2	20.0	81.0	18.981	16.7	0.0	0.0	0.0	6.9
6	15.8	26.6	20.3	78.9	18.438	16.2	0.0	0.0	0.0	7.5
7	17.0	25.4	20.5	78.9	18.967	16.7	0.0	3.7	3.7	4.0
8	17.0	25.0	19.6	81.3	18.512	16.2	0.6	0.0	0.6	4.6
9	16.6	25.3	19.3	90.7	20.468	17.9	1.5	0.0	1.5	4.7
10	17.8	26.9	20.8	76.7	18.856	16.6	0.0	0.0	0.0	5.9
11	17.3	25.0	19.4	79.2	17.825	15.6	0.0	0.4	0.4	3.3
12	16.8	24.9	19.4	81.7	18.355	16.1	0.7	1.0	1.7	3.2
13	16.6	25.4	20.0	75.4	17.190	15.0	0.0	0.0	0.0	7.6
14	17.5	25.0	19.5	75.5	17.072	14.8	0.0	2.8	2.8	6.5
15	16.8	22.2	18.1	94.2	19.672	17.2	7.3	0.0	7.3	0.9
16	16.0	24.6	19.2	81.5	18.115	15.9	8.5	2.5	11.0	4.7
17	15.5	24.8	18.4	89.8	19.212	16.8	1.8	1.2	3.0	2.7
18	16.2	24.0	18.7	84.4	18.090	15.9	2.1	0.2	2.3	2.9
19	16.5	24.4	20.0	73.4	17.134	15.0	0.0	0.2	0.2	2.4
20	17.0	20.8	17.6	89.5	18.172	16.0	7.3	0.1	7.4	0.0
21	15.6	24.0	18.6	85.0	18.112	15.9	0.0	0.2	0.2	5.2
22	17.6	23.0	19.1	77.8	17.280	15.2	0.2	0.0	0.2	5.1
23	14.8	23.0	18.6	81.4	17.496	15.4	0.0	0.0	0.0	4.2
24	16.0	24.9	19.1	77.9	16.938	14.9	0.0	0.0	0.0	4.5
25	15.0	25.0	18.9	81.2	17.620	15.5	0.1	0.0	0.1	2.5
26	15.9	24.9	18.9	83.6	18.289	16.1	1.1	0.0	1.1	2.8
27	16.0	25.8	18.0	89.7	19.006	16.6	6.6	0.0	6.6	4.6
28	15.9	24.9	19.4	79.4	17.925	15.8	5.6	1.7	7.3	4.6
29	16.6	25.0	18.2	90.3	18.925	16.6	2.7	0.0	2.7	3.2
30	15.8	23.6	18.6	80.1	17.035	15.0	1.4	0.0	1.4	2.2
31	15.8	22.0	18.0	89.3	18.506	16.3	0.2	0.0	0.2	1.7
Prom.	16.4	24.5	19.1	82.9	18.252	16.0	71.7	21.7	93.4	123.1

M E S - ABRIL

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.9	22.0	18.9	87.4	18.862	16.6	11.8	2.8	14.6	1.8
2	13.5	24.0	18.5	79.1	16.535	14.5	0.0	0.0	0.0	8.2
3	14.4	21.0	17.8	84.2	17.034	15.0	0.8	0.0	0.8	0.9
4	11.0	26.4	19.1	76.0	16.002	13.9	0.0	0.0	0.0	10.5
5	14.7	25.6	19.5	75.7	16.585	14.5	0.0	0.0	0.0	9.3
6	15.3	25.0	19.9	78.3	17.999	15.8	0.0	0.0	0.0	6.9
7	16.9	25.4	20.5	74.2	17.853	15.7	0.0	2.5	2.5	5.0
8	16.3	24.0	18.9	80.0	17.409	15.3	0.0	0.0	0.0	5.1
9	16.0	25.5	20.4	74.7	17.700	15.6	0.0	0.8	0.8	7.7
10	16.0	25.2	20.3	81.1	19.078	16.7	0.0	0.0	0.0	5.7
11	17.3	25.2	19.4	81.9	18.675	16.4	0.0	0.0	0.0	4.6
12	15.0	26.0	20.1	76.1	17.438	15.3	0.0	0.0	0.0	8.2
13	17.0	25.9	20.1	75.4	17.691	15.5	0.4	0.0	0.4	4.5
14	16.8	24.0	20.0	81.3	18.835	16.5	22.2	0.0	22.2	0.2
15	14.1	25.4	19.5	77.4	17.105	15.0	0.0	0.3	0.3	1.9
16	17.6	25.4	20.3	79.1	18.712	16.4	0.0	0.0	0.0	4.5
17	17.9	26.0	20.5	80.4	19.413	17.0	4.4	3.9	8.3	3.8
18	16.9	23.0	18.7	82.8	17.994	15.9	0.5	0.3	0.8	0.6
19	16.5	24.5	19.6	78.0	17.622	15.5	0.0	0.0	0.0	4.7
20	16.0	24.9	19.3	83.5	18.677	16.4	2.1	0.0	2.1	2.5
21	16.9	25.6	20.7	75.5	18.158	16.0	0.0	0.0	0.0	5.8
22	16.5	25.4	20.3	78.9	18.932	16.6	0.0	5.1	5.1	5.6
23	16.9	24.9	19.3	81.4	18.372	16.1	4.1	4.2	8.3	2.9
24	16.8	25.9	20.2	77.0	17.948	15.8	0.0	0.0	0.0	6.2
25	16.5	27.0	21.4	75.6	18.537	16.2	0.0	0.0	0.0	7.4
26	16.3	26.6	20.8	78.4	19.259	16.9	0.1	0.0	0.1	7.3
27	17.9	24.9	20.0	79.2	18.593	16.3	0.0	1.0	1.0	3.5
28	17.0	24.9	19.4	80.1	17.768	15.6	5.3	0.0	5.3	2.4
29	16.0	26.5	20.7	78.6	18.907	16.6	0.0	0.0	0.0	6.1
30	17.3	25.4	19.7	78.6	17.969	15.8	0.8	0.0	0.8	5.5
Prom.	16.1	25.1	19.8	79.0	18.055	15.8	52.5	20.9	73.4	149.3

Estación JULIO FERNANDEZ

Municipio RESTREPO

Año 1.971

Altitud 1.360 metros

Latitud 3-49 N.

Longitud 76-31 W.

M E S - MAYO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	15.8	25.0	19.7	79.5	18.126	15.9	1.4	0.0	1.4	3.7
2	16.5	24.0	19.7	84.4	19.479	17.1	2.2	0.6	2.8	1.9
3	15.9	24.0	19.2	83.9	18.594	16.4	0.5	9.0	9.5	7.2
4	15.9	23.0	18.4	85.5	18.043	15.9	0.3	0.0	0.3	5.0
5	15.0	24.7	19.2	81.2	17.782	15.7	0.0	17.4	17.4	5.1
6	16.5	20.8	18.2	78.0	16.111	14.0	0.0	0.0	0.0	0.0
7	14.0	25.3	19.9	78.2	17.565	15.4	0.0	11.7	11.7	9.5
8	16.0	23.3	19.0	80.5	17.606	15.5	25.0	0.3	25.3	3.3
9	14.0	24.3	19.6	81.0	18.185	16.0	0.5	0.2	0.7	6.2
10	15.5	24.5	19.2	79.9	17.661	15.5	0.2	0.0	0.2	6.7
11	16.6	25.0	19.7	88.2	20.433	17.9	3.1	0.8	3.9	3.2
12	15.0	25.0	19.4	82.6	18.399	16.2	0.0	0.0	0.0	3.6
13	15.5	24.0	18.7	86.3	18.732	16.5	5.4	0.7	6.1	3.4
14	16.5	21.6	18.2	86.1	18.091	15.9	3.6	0.0	3.6	1.1
15	14.5	23.0	18.1	82.6	16.901	14.8	1.7	4.5	6.2	4.3
16	16.0	22.0	18.9	81.4	17.599	15.5	3.5	0.0	3.5	0.0
17	14.6	24.0	18.9	80.4	17.455	15.4	0.0	7.0	7.0	6.2
18	16.0	24.3	19.8	78.9	17.957	15.7	0.0	8.2	8.2	8.2
19	16.2	24.8	19.6	83.1	18.932	16.6	0.0	32.4	32.4	6.7
20	16.0	24.0	19.6	80.0	18.099	15.9	1.4	6.1	7.5	4.5
21	16.0	24.0	19.4	80.1	17.913	15.6	1.3	0.0	1.3	5.4
22	14.9	22.4	18.5	89.1	18.777	16.5	2.0	0.0	2.0	3.3
23	16.0	23.3	19.0	81.1	17.742	15.6	0.0	0.0	0.0	1.7
24	13.1	23.2	18.9	78.4	16.906	14.8	0.0	36.2	36.2	4.9
25	15.0	23.3	18.3	81.4	17.010	14.9	1.8	0.4	2.2	3.5
26	15.5	25.2	19.4	74.3	16.419	14.2	0.3	0.0	0.3	5.8
27	15.0	25.5	19.6	81.2	18.402	16.2	0.0	0.3	0.3	6.9
28	17.0	23.7	19.9	81.6	19.124	16.8	0.0	0.2	0.2	4.6
29	15.0	25.2	19.3	81.8	17.974	15.8	0.0	16.5	16.5	4.3
30	16.5	22.8	19.0	81.1	17.889	15.7	0.0	0.0	0.0	2.5
31	14.0	23.3	18.4	77.9	16.457	14.4	0.0	0.0	0.0	5.8
Prom.	15.5	23.8	19.1	81.6	17.947	15.8	54.2	152.5	206.7	138.5

M E S - JUNIO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	22.9	19.6	81.8	18.685	16.4	0.0	0.0	0.0	0.6
2	15.5	25.3	20.5	76.5	17.927	15.7	0.0	0.0	0.0	5.4
3	17.3	25.6	20.5	81.0	19.196	16.8	0.0	0.0	0.0	6.8
4	17.5	25.8	21.3	78.5	19.920	17.5	0.0	9.2	9.2	7.0
5	16.7	24.9	20.3	76.5	17.940	15.7	0.0	0.0	0.0	3.9
6	15.9	25.0	19.4	79.1	17.787	15.6	0.0	0.0	0.0	3.9
7	16.0	21.0	17.9	89.8	18.514	16.3	11.0	0.4	11.4	2.0
8	14.0	24.1	18.7	81.0	17.159	15.1	2.4	0.0	2.4	5.2
9	16.5	23.6	18.5	87.7	18.903	16.6	4.7	0.0	4.7	2.2
10	16.0	24.0	19.2	77.7	17.244	15.1	0.0	0.3	0.3	4.9
11	15.0	24.5	19.7	77.1	17.587	15.4	0.0	0.0	0.0	7.3
12	16.0	18.8	16.7	89.8	17.204	15.1	13.3	0.0	13.3	0.0
13	14.0	23.0	18.7	79.9	16.882	14.8	2.0	0.0	2.0	3.0
14	15.6	25.2	19.0	78.2	16.927	14.8	0.5	1.2	1.7	7.7
15	16.4	24.1	18.8	83.1	17.971	15.8	0.7	0.0	0.7	4.2
16	16.0	24.8	19.8	76.1	17.469	15.3	0.0	3.5	3.5	6.9
17	17.0	24.5	19.3	79.9	18.076	15.9	3.5	0.0	3.5	3.0
18	15.0	21.0	16.4	82.4	15.444	13.5	0.5	0.0	0.5	3.3
19	14.5	22.0	18.2	83.2	17.346	15.2	7.4	0.0	7.4	3.1
20	15.0	25.0	19.0	75.7	16.564	14.5	12.0	0.0	12.0	4.7
21	13.5	22.5	18.3	81.6	16.955	14.9	0.0	2.1	2.1	5.6
22	15.7	24.3	18.6	81.4	17.326	15.2	0.0	0.0	0.0	4.2
23	12.6	26.1	18.6	77.7	16.080	14.0	0.0	0.2	0.2	8.6
24	16.5	25.0	18.9	86.1	19.098	16.8	0.0	0.0	0.0	5.1
25	15.0	25.0	19.2	76.3	16.465	14.3	0.0	0.0	0.0	2.2
26	16.0	22.4	18.6	79.8	17.116	15.0	3.1	0.0	3.1	0.6
27	15.0	25.0	19.2	78.7	17.587	15.5	0.9	0.0	0.9	7.6
28	15.9	21.0	17.8	83.6	17.204	15.1	0.4	0.0	0.4	3.7
29	14.0	23.3	18.8	78.6	17.209	15.0	1.4	0.0	1.4	4.1
30	15.4	24.1	19.1	78.0	16.984	14.9	5.9	2.4	8.3	6.0
Prom.	15.5	23.8	19.0	80.6	17.559	15.4	69.7	19.3	89.0	132.8

Estación **JULIO FERNANDEZ**Municipio **RESTREPO**Año **1.971**Altitud **1.360** metrosLatitud **3-49 N.**Longitud **76-31 W.****M E S - JULIO**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	23.3	19.1	81.3	17.828	15.6	2.5	0.0	2.5	4.7
2	15.5	24.0	19.2	76.4	17.095	15.0	0.0	12.9	12.9	7.0
3	15.6	24.4	19.2	74.4	16.366	14.3	0.0	0.0	0.0	7.5
4	15.8	21.4	18.0	81.7	16.789	14.8	2.8	0.0	2.8	0.2
5	13.6	24.0	18.7	77.0	15.961	13.8	0.0	0.0	0.0	6.2
6	14.7	24.8	19.3	78.1	17.453	15.4	0.0	0.0	0.0	5.0
7	16.0	23.0	19.1	80.4	17.895	15.8	0.5	0.0	0.5	2.9
8	14.5	26.0	19.5	76.8	17.102	15.0	0.0	0.0	0.0	8.8
9	16.6	25.8	20.1	77.4	17.985	15.8	0.0	0.0	0.0	7.7
10	17.5	24.5	19.7	78.9	18.182	16.0	2.7	0.2	2.9	4.8
11	14.0	24.4	19.3	78.2	17.225	15.1	1.9	0.0	1.9	6.6
12	16.2	24.0	18.8	81.0	17.480	15.4	0.0	0.0	0.0	4.8
13	15.0	25.0	19.1	78.5	17.238	15.1	0.9	7.5	8.4	6.6
14	15.9	23.0	19.5	78.7	17.580	15.4	0.6	5.3	5.9	2.3
15	14.3	24.7	19.0	75.8	16.074	13.9	0.0	0.0	0.0	4.9
16	15.0	26.2	20.1	66.4	14.745	12.6	0.0	0.0	0.0	9.2
17	15.3	24.7	19.2	74.1	16.286	14.1	0.0	0.0	0.0	6.4
18	13.0	25.0	19.2	76.9	16.587	14.6	0.0	0.0	0.0	8.7
19	15.4	25.0	19.7	77.4	17.509	15.4	0.0	0.0	0.0	8.7
20	16.0	27.0	20.7	75.6	18.016	15.8	0.0	0.0	0.0	7.8
21	17.3	25.5	19.9	80.0	18.459	16.1	0.8	0.0	0.8	4.5
22	17.3	25.0	19.3	78.6	17.659	15.5	0.8	0.3	1.1	5.1
23	16.5	25.0	19.9	76.1	17.401	15.2	0.0	0.0	0.0	6.1
24	16.4	24.5	19.7	72.0	16.196	14.0	0.0	0.0	0.0	5.9
25	14.0	25.0	19.4	76.3	16.855	14.7	0.0	0.0	0.0	7.0
26	15.0	23.2	18.5	76.3	16.083	14.0	0.0	0.0	0.0	4.7
27	15.3	22.4	17.4	84.4	16.965	14.9	1.3	0.0	1.3	6.0
28	16.0	23.8	19.1	80.2	17.775	15.6	1.5	0.0	1.5	5.1
29	14.6	24.3	19.2	79.7	17.507	15.4	0.0	0.0	0.0	6.9
30	15.8	24.4	18.8	77.7	17.198	15.1	0.0	0.0	0.0	6.1
31	15.5	23.3	18.5	80.2	17.030	14.8	0.0	0.0	0.0	4.9
Prom.	15.5	24.4	19.2	77.6	17.114	15.0	16.3	26.2	42.5	183.1

M E S - AGOSTO

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	16.0	23.3	19.1	81.1	17.829	15.7	0.0	0.0	0.0	4.9
2	15.0	23.0	18.1	76.8	15.657	13.5	0.0	0.0	0.0	4.9
3	14.0	22.0	17.4	80.7	15.773	13.7	0.4	2.4	2.8	5.1
4	16.5	22.0	17.5	82.7	16.591	14.5	0.5	7.2	7.7	3.3
5	14.0	22.6	18.1	78.6	16.246	14.2	0.0	0.0	0.0	4.1
6	15.0	22.5	17.5	77.3	15.240	13.0	14.9	0.0	14.9	3.5
7	15.5	23.6	18.6	73.9	15.663	13.6	0.2	0.0	0.2	7.0
8	16.0	24.0	18.1	79.1	16.203	14.1	9.6	0.0	9.6	4.3
9	14.6	24.5	18.7	78.8	16.669	14.6	0.0	0.0	0.0	7.0
10	13.0	23.3	18.4	80.0	16.519	14.4	0.0	0.0	0.0	6.4
11	14.0	23.8	18.3	78.3	16.223	14.2	0.4	0.0	0.4	5.7
12	13.5	25.1	17.1	81.1	15.789	13.8	4.8	0.0	4.8	1.2
13	13.9	25.0	18.7	75.0	15.872	13.8	12.6	0.0	12.6	7.6
14	15.6	22.0	18.4	80.5	17.228	15.1	0.0	0.0	0.0	2.5
15	15.5	22.3	17.9	79.8	16.381	14.3	0.6	0.0	0.6	1.7
16	14.1	23.0	18.1	81.0	16.571	14.5	2.3	7.0	9.3	5.8
17	15.5	25.2	19.1	78.9	17.414	15.3	7.6	0.0	7.6	4.4
18	15.5	24.5	18.5	78.0	16.491	14.4	8.7	0.0	8.7	4.8
19	15.0	24.6	18.9	79.0	17.095	15.0	1.5	14.1	15.6	6.5
20	16.0	24.0	18.7	79.2	17.222	15.1	0.0	0.0	0.0	5.0
21	15.6	24.3	19.1	75.5	16.425	14.4	10.1	0.0	10.1	5.5
22	16.5	25.0	19.3	79.1	17.775	15.6	0.0	0.0	0.0	2.7
23	15.3	25.2	19.1	80.2	17.523	15.4	3.0	24.4	27.4	8.2
24	15.5	25.0	19.5	76.7	17.061	15.0	0.0	0.0	0.0	5.3
25	16.7	24.8	19.5	81.5	18.380	16.2	0.0	0.0	0.0	6.8
26	16.6	22.8	18.7	81.5	17.501	15.4	14.4	1.1	15.5	3.2
27	15.9	22.3	18.3	86.8	18.327	16.1	11.7	0.0	11.7	2.7
28	13.5	25.4	19.2	78.8	17.071	15.0	2.3	0.0	2.3	7.9
29	16.5	25.0	20.4	78.3	18.467	16.2	0.0	0.0	0.0	5.4
30	17.2	24.0	18.9	83.7	18.670	16.4	0.0	0.0	0.0	5.9
31	14.9	26.4	19.4	76.6	16.827	14.8	0.0	0.0	0.0	9.3
Prom.	15.2	23.9	18.6	79.3	16.861	14.8	105.6	56.2	161.8	158.6

Estación JULIO FERNANDEZ

Municipio RESTREPO

Año 1.971

Altitud 1.360 metros

Latitud 3-49 N.

Longitud 76-31 W.

M E S - SEPTIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	23.3	18.6	86.9	18.943	16.6	0.6	0.0	0.6	2.3
2	16.3	24.2	19.2	82.7	18.399	16.2	0.0	4.3	4.3	5.5
3	16.0	23.3	18.9	82.0	17.937	15.8	0.0	2.1	2.1	5.5
4	16.0	22.2	18.3	85.2	18.109	15.9	0.2	0.0	0.2	1.8
5	15.0	25.1	18.7	79.2	16.605	14.5	3.7	0.0	3.7	5.4
6	16.4	23.5	18.0	82.9	17.157	15.1	1.7	0.0	1.7	7.0
7	14.6	22.8	17.4	85.3	17.194	15.1	4.7	5.7	10.4	3.6
8	15.0	23.0	18.1	88.6	18.410	16.2	1.3	16.1	17.4	4.0
9	15.4	24.9	18.4	83.6	17.586	15.4	2.4	0.0	2.4	3.9
10	13.6	24.9	19.5	80.7	17.818	15.6	0.0	0.0	0.0	4.0
11	14.3	25.9	19.5	77.5	17.087	15.0	0.0	0.0	0.0	8.8
12	17.0	24.0	18.6	78.9	16.952	14.9	0.2	2.1	2.3	7.0
13	16.7	22.5	18.0	73.8	15.610	13.6	1.1	0.0	1.1	3.9
14	12.6	24.0	17.8	81.7	16.681	14.6	0.0	0.0	0.0	6.9
15	15.6	24.0	18.9	75.9	16.201	14.0	1.3	5.2	6.5	5.7
16	16.0	23.0	18.7	90.2	19.726	17.2	1.0	0.0	1.0	2.8
17	16.6	25.3	19.7	75.6	17.097	15.0	0.9	0.0	0.9	7.7
18	16.0	25.0	18.7	77.9	16.704	14.7	0.0	0.0	0.0	3.8
19	16.9	25.0	19.2	78.9	17.522	15.4	0.0	0.0	0.0	5.3
20	16.5	24.5	19.1	81.8	18.084	15.9	0.1	1.9	2.0	5.2
21	16.0	23.5	18.4	84.4	18.073	15.9	0.5	0.0	0.5	4.6
22	12.8	25.3	19.5	74.5	16.499	14.5	0.0	0.0	0.0	10.2
23	17.0	26.2	20.2	80.2	19.159	16.8	0.0	0.0	0.0	6.1
24	16.6	26.0	20.2	78.2	18.229	16.0	0.0	0.0	0.0	5.2
25	16.1	26.0	20.0	77.3	17.790	15.7	0.0	0.0	0.0	5.4
26	16.5	25.0	19.7	78.4	17.790	15.6	0.0	0.0	0.0	2.7
27	15.5	25.5	19.5	77.8	17.292	15.2	0.0	0.0	0.0	7.8
28	17.3	25.2	20.7	76.1	18.354	16.1	0.0	0.3	0.3	6.5
29	16.6	25.0	20.0	81.0	18.680	16.4	0.0	0.0	0.0	5.6
30	16.1	24.9	19.3	81.5	18.263	16.1	3.6	0.0	3.6	4.0
Prom.	15.8	24.5	19.0	80.6	17.665	15.5	23.3	37.7	61.0	158.2

M E S - OCTUBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	25.0	20.3	75.1	17.546	15.4	6.1	3.9	10.0	0.0
2	16.5	24.5	19.2	81.4	17.918	15.7	0.8	0.0	0.8	0.4
3	15.5	24.0	20.1	78.8	17.972	15.8	0.0	0.0	0.0	5.0
4	16.0	22.0	18.2	87.6	18.159	16.0	16.2	0.4	16.6	0.8
5	15.8	22.8	18.6	88.1	19.115	16.8	15.9	0.1	16.0	2.7
6	14.5	25.2	19.0	77.4	16.660	14.6	0.0	0.0	0.0	4.6
7	16.0	24.1	18.9	77.4	17.006	15.0	0.4	0.0	0.4	2.8
8	13.6	26.0	20.1	79.5	18.393	16.2	0.0	0.0	0.0	6.2
9	16.0	26.2	20.1	82.3	19.151	16.8	0.0	0.2	0.2	6.9
10	16.5	23.0	18.6	84.8	18.692	16.4	3.4	18.9	22.3	2.3
11	14.6	24.0	18.6	82.8	17.581	15.5	1.3	8.8	10.1	5.2
12	16.5	23.3	19.0	90.7	20.272	17.7	0.1	17.1	17.2	4.5
13	15.5	24.2	18.9	84.1	18.500	16.2	0.5	3.5	4.0	5.5
14	15.1	23.0	18.4	82.1	17.313	15.2	2.6	0.0	2.6	3.2
15	16.6	24.9	19.9	80.5	18.649	16.4	0.0	9.5	9.5	6.6
16	16.5	23.3	18.6	80.7	17.509	15.4	0.8	0.3	1.1	7.2
17	16.0	21.9	18.5	89.6	19.288	16.9	0.0	3.7	3.7	2.2
18	14.5	24.0	18.6	80.8	17.012	14.8	1.0	12.4	13.4	2.7
19	15.0	21.7	18.2	80.0	16.527	14.2	5.0	0.1	5.1	4.5
20	14.0	25.0	19.2	79.9	17.447	15.2	0.0	10.0	10.0	6.7
21	16.4	24.2	19.6	77.9	17.574	15.4	0.0	0.0	0.0	8.1
22	16.2	23.5	18.3	84.2	18.032	15.9	0.0	0.0	0.0	3.5
23	16.0	24.6	19.8	76.8	17.711	15.6	0.0	0.0	0.0	9.2
24	16.2	22.0	19.0	82.3	17.957	15.7	3.7	0.7	4.4	2.9
25	15.3	17.0	16.1	93.9	17.387	15.3	23.1	0.0	23.1	0.0
26	12.0	24.0	18.5	75.5	15.437	13.4	0.0	0.0	0.0	9.2
27	14.8	22.0	18.1	81.1	16.596	14.5	3.4	0.0	3.4	1.4
28	14.6	25.0	19.5	81.4	18.354	16.2	0.0	0.0	0.0	7.0
29	16.4	23.2	19.2	82.2	18.347	16.1	0.7	0.6	1.3	2.0
30	16.5	20.5	18.0	85.3	17.656	15.5	0.0	0.0	0.0	0.2
31	15.3	19.0	16.6	93.4	17.969	15.8	18.1	0.0	18.1	0.0
Prom.	15.5	23.3	18.8	82.5	17.862	15.7	103.1	96.6	199.7	123.5

Estación **JULIO FERNANDEZ**Municipio **RESTREPO**Año **1.971**Altitud **1.360** metrosLatitud **3-49 N.**Longitud **76-31 W.****M E S - NOVIEMBRE**

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	14.8	23.3	18.0	83.5	17.220	15.1	0.0	0.1	0.1	4.6
2	15.0	21.7	18.8	89.2	19.624	17.2	2.5	40.3	42.8	3.1
3	14.6	21.1	17.3	86.4	16.986	14.9	2.5	0.0	2.5	0.3
4	12.4	22.4	18.0	82.9	16.885	14.8	0.0	1.2	1.2	6.4
5	15.6	23.0	19.5	84.6	19.162	16.8	3.2	5.7	8.9	4.8
6	16.3	24.0	18.9	83.5	18.246	16.1	0.0	0.0	0.0	5.3
7	16.0	22.0	18.1	86.3	18.147	16.0	0.5	0.5	1.0	2.4
8	16.0	25.0	20.0	82.6	18.993	16.6	0.0	0.0	0.2	6.1
9	16.1	20.0	18.2	89.5	18.763	16.5	4.2	0.0	4.2	0.0
10	15.6	23.8	18.7	82.3	17.845	15.7	0.0	1.5	1.5	4.1
11	15.3	24.3	19.2	83.1	18.212	16.0	0.2	5.2	5.4	6.2
12	16.6	24.4	19.0	79.3	17.393	15.3	0.0	0.0	0.0	5.9
13	16.1	24.9	19.4	84.2	18.884	16.6	0.0	0.0	0.0	6.0
14	16.3	22.5	18.5	88.4	19.101	16.8	15.1	0.0	15.1	3.0
15	15.0	23.0	19.1	87.2	19.175	16.8	0.5	0.0	0.5	4.4
16	15.8	23.1	19.1	77.8	17.272	15.1	0.0	0.0	0.0	6.6
17	14.0	24.6	18.8	80.5	17.046	15.0	1.9	6.6	8.5	7.5
18	14.5	23.5	17.9	80.6	16.585	14.5	0.0	0.0	0.0	0.8
19	12.6	22.5	17.6	83.2	16.532	14.5	3.5	0.3	3.8	3.0
20	14.9	22.2	18.0	84.5	17.505	15.4	13.5	0.0	13.5	2.5
21	15.0	22.0	17.5	84.6	16.978	14.9	1.5	0.0	1.5	2.3
22	12.8	23.2	18.0	82.0	16.673	14.6	15.2	0.1	15.3	4.3
23	15.0	23.8	18.7	80.1	17.247	15.2	0.0	0.2	0.2	6.6
24	14.0	23.9	18.4	86.6	18.298	16.1	0.0	0.0	0.0	8.8
25	16.9	23.3	18.6	77.2	16.573	14.5	0.0	1.6	1.6	6.8
26	15.0	24.2	18.4	77.4	16.060	14.0	5.0	0.0	5.0	2.3
27	14.8	23.7	18.6	81.3	17.307	15.2	0.0	1.2	1.2	6.1
28	16.6	22.0	18.5	89.1	19.087	16.8	5.5	0.0	5.5	0.8
29	16.8	22.5	18.3	86.4	18.483	16.3	0.0	0.0	0.0	2.3
30	16.0	24.8	19.6	80.9	18.334	16.1	0.0	19.2	19.2	7.9
Prom.	15.2	23.2	18.6	83.5	17.821	15.6	74.8	83.9	158.7	131.2

M E S - DICIEMBRE

Día	TEMPERATURA °C			Humedad relativa %	Tensión vapor mb.	Punto rocío °C	PRECIPITACION mm.			Brillo solar horas
	Mínima	Máxima	Media				Día	Noche	Total	
1	17.0	23.5	19.1	84.9	19.066	16.7	15.4	1.7	17.1	1.7
2	17.5	24.4	19.5	81.8	18.634	16.4	0.0	0.0	0.0	6.2
3	16.3	24.6	18.8	79.5	17.177	15.1	0.0	0.6	0.6	4.8
4	16.4	25.0	19.8	80.0	18.333	16.1	1.1	0.0	1.1	4.1
5	17.6	26.0	20.2	77.7	18.455	16.2	0.0	0.0	0.0	8.1
6	17.5	25.0	20.0	79.2	18.405	16.2	0.0	0.0	0.0	7.6
7	16.0	25.5	19.8	79.3	18.253	16.0	0.0	0.0	0.0	7.1
8	16.5	26.3	20.0	80.6	18.867	16.6	0.0	0.0	0.0	0.0
9	17.7	25.2	19.7	78.9	18.092	15.9	0.0	0.0	0.0	5.4
10	18.0	25.4	19.9	76.3	17.599	15.4	0.0	0.0	0.0	7.6
11	17.0	25.0	19.4	79.8	17.927	15.7	0.0	0.0	0.0	6.5
12	17.0	26.0	20.1	77.3	17.915	15.7	0.0	0.3	0.3	8.2
13	17.5	25.0	19.6	83.8	19.226	16.8	0.0	0.0	0.0	3.7
14	16.3	25.9	20.6	76.9	18.590	16.3	0.0	0.0	0.0	5.8
15	17.4	26.0	20.2	78.1	18.316	16.1	0.0	0.0	0.0	8.5
16	16.0	26.0	20.2	78.5	18.424	16.2	0.0	5.5	5.5	7.9
17	17.2	24.0	19.2	82.4	18.481	16.3	0.0	2.1	2.1	2.9
18	16.6	23.0	18.7	84.3	18.169	16.0	8.2	1.3	9.5	0.0
19	13.6	24.9	19.1	78.1	16.561	14.4	0.0	0.0	0.0	7.8
20	17.1	24.3	19.0	77.1	17.035	14.9	0.0	0.0	0.0	7.3
21	15.0	22.3	18.5	77.3	16.376	14.4	0.0	0.0	0.0	4.6
22	13.0	23.6	17.7	79.0	15.582	13.6	1.1	2.4	3.5	6.2
23	15.6	21.0	18.1	82.4	16.914	14.8	0.0	0.0	0.0	0.5
24	14.8	24.0	18.5	77.9	16.246	14.2	0.0	6.0	6.0	8.4
25	15.0	22.0	17.6	80.5	16.127	14.1	13.2	0.0	13.2	0.8
26	14.0	23.0	18.4	79.4	16.585	14.5	0.0	2.3	2.3	6.1
27	16.0	23.0	18.8	80.5	17.363	15.3	0.0	0.0	0.0	2.2
28	14.9	22.0	17.6	82.2	16.260	14.2	0.0	0.0	0.0	4.0
29	15.4	23.0	17.6	84.1	16.997	14.9	1.7	0.7	2.4	3.8
30	16.0	23.9	18.8	79.0	16.996	14.9	0.0	0.0	0.0	6.0
31	14.5	24.5	18.4	80.0	16.809	14.8	0.0	0.0	0.0	5.3
Prom.	16.1	24.3	19.1	79.9	17.606	15.4	40.7	22.9	63.6	159.1

Estación **JULIO FERNANDEZ**Municipio **RESTREPO**Año **1.971**Altitud **1.360** MetrosLatitud **3-49 N.**Longitud **76-31 W.**

MESES	TEMPERATURA ° C					Humedad relativa %	Tensión vapor mb.	Punto rocío °C	Precipitación		Brillo solar horas	
	MIN. MED.	MAX. MED.	MED.	MIN. ABS.	MAX. ABS.				Total mm.	Día lluv.		
ENERO	16.2	24.3	19.1	13.0	26.2	82.5	18.285	16.1	139.1	23		
FEBRERO	15.9	24.3	19.0	13.2	27.8	81.5	17.817	15.7	92.1	17	123.4	
MARZO	16.4	24.5	19.1	14.8	26.9	82.9	18.252	16.0	93.4	24	123.1	
ABRIL	16.1	25.1	19.8	11.0	27.0	79.0	18.055	15.8	73.4	16	149.3	
MAYO	15.5	23.8	19.1	13.1	25.5	81.6	17.947	15.8	206.7	26	138.5	
JUNIO	15.5	23.8	19.0	12.6	26.1	80.6	17.559	15.4	89.0	21	132.8	
JULIO	15.5	24.4	19.2	13.0	27.0	77.6	17.114	15.0	42.5	12	183.1	
AGOSTO	15.2	23.9	18.6	13.0	26.4	79.3	16.861	14.8	161.8	18	158.6	
SEPTIEMBRE	15.8	24.5	19.0	12.6	26.2	80.6	17.665	15.5	61.0	18	158.2	
OCTUBRE	15.5	23.3	18.8	12.0	26.2	82.5	17.862	15.7	199.7	23	123.5	
NOVIEMBRE	15.2	23.2	18.6	12.4	25.0	83.5	17.821	15.6	158.7	23	131.2	
DICIEMBRE	16.1	24.3	19.1	13.0	26.3	79.9	17.606	15.4	63.6	12	159.1	
PROMEDIO	15.7	24.1	19.0	12.8	26.4	81.0	17.737	15.6				
TOTAL									1381.0	233		

Estación EL DELIRIO

Municipio YOLOMBO

Año 1.971

Altitud 1.500 metros

Latitud 6-37 N.

Longitud 75-02 W.

L L U V I A E N M I L I M E T R O S												
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DEC.
1	7.7	0.0	0.0	3.8	53.0	10.0	0.0	2.5	0.0		9.6	0.0
2	0.9	0.0	34.9	0.0	4.0	0.0	0.0	4.7	21.5		9.0	0.0
3	11.2	3.6	0.3	11.4	8.2	0.0	0.2	5.2	7.8		2.7	0.0
4	5.0	3.6	14.9	0.0	24.0	24.5	6.8	27.3	5.1		7.9	4.2
5	0.0	13.8	0.0	0.0	0.0	24.7	0.3	0.0	1.6		46.7	0.0
6	10.1	0.0	3.8	0.0	0.0	0.6	4.4	13.8	0.5		4.4	0.0
7	0.7	0.0	3.8	0.0	14.0	3.0	0.0	17.4	3.8		0.0	0.0
8	0.5	0.0	1.5	0.0	16.0	2.1	0.0	13.0	39.7		33.7	2.0
9	0.0	0.0	2.2	0.0	64.0	0.0	0.0	1.7	0.5		0.0	0.0
10	2.0	0.0	0.3	0.0	0.0	1.2	0.0	31.0	0.0		0.0	0.0
11	0.2	0.0	0.4	0.0	0.0	0.0	0.0	4.3	0.0		0.0	0.0
12	0.0	0.0	0.9	0.0	92.2	27.8	2.0	3.6	16.1		1.2	0.0
13	0.0	0.0	0.3	1.0	28.0	1.1	4.8	0.2	0.0		2.2	0.0
14	1.8	0.0	4.4	7.9	24.2	0.0	0.3	2.3	23.7		3.2	0.0
15	4.5	1.3	0.0	0.0	0.0	0.0	0.0	38.2	1.3		0.1	3.0
16	21.0	17.3	0.4	0.0	4.2	0.0	0.0	6.0	11.2		5.2	0.0
17	2.7	16.3	4.3	0.0	20.0	3.2	20.2	5.6	0.3		5.5	4.0
18	7.9	0.0	9.5	0.0	4.2	0.0	0.0	0.0	28.2		62.9	6.0
19	1.2	3.2	15.9	4.2	38.0	4.2	16.7	27.6	0.3		11.1	0.0
20	3.3	0.0	28.0	2.0	2.0	0.0	0.0	30.4	13.7		1.5	0.0
21	0.0	41.5	65.2	0.0	12.2	60.1	0.0	0.0	0.0		0.0	9.2
22	0.6	0.0	3.3	46.8	6.0	0.0	0.0	14.5	0.0		0.3	12.0
23	0.0	1.7	7.6	34.0	0.0	0.0	1.2	0.0	15.4		0.2	8.0
24	0.0	0.0	0.0	0.0	10.0	3.1	0.0	23.2	2.0		0.0	2.0
25	0.0	0.0	0.0	0.0	10.2	5.5	58.0	1.8	0.0		0.0	0.0
26	0.1	0.0	0.0	0.0	0.0	2.0	6.2	9.7	3.6		0.0	0.0
27	0.2	0.0	0.1	0.0	12.0	2.7	9.5	0.0	0.0		0.3	0.0
28	2.0	0.0	0.5	8.0	0.0	1.4	0.3	0.0	0.0		0.0	0.0
29	1.3		22.0	8.0	28.0	2.9	28.1	0.0	0.0		0.0	0.0
30	0.0		7.9	16.0	0.0	2.9	31.3	0.8	0.0		0.0	12.0
31	6.0		1.7		0.0		0.0	10.3				0.0
Total	90.9	104.3	235.4	143.1	474.4	203.1	190.3	295.1	199.2		207.7	58.4
D.LI.	22	10	27	11	21	20	16	24	20		19	10
TOTALES ANUALES										m.m		Dias lluv

B R I L L O S O L A R E N H O R A S												
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DEC.
1	5.9	0.6	0.0	0.0	2.7	3.9	4.1	3.0	0.3		0.3	
2	3.5	3.2	6.5	2.9	0.1	5.8	6.3	5.7	5.4		2.6	
3	3.4	0.7	5.6	0.8	4.0	8.7	5.7	5.4	1.1		3.3	
4	0.6	2.0	1.9	5.0	2.4	7.2	4.8	6.4	3.3		5.3	
5	0.5	0.7	5.6	7.1	6.4	6.6	7.9	1.7	3.0		4.3	
6	2.3	8.0	7.4	5.4	6.2	2.7	8.8	1.6	2.9		5.2	
7	0.0	0.0	0.6	2.6	7.2	2.5	0.4	8.9	1.2		6.8	
8	3.1	7.6	1.4	0.9	5.0	3.1	8.3	2.7	0.6		3.9	
9	3.6	0.0	4.0	2.6	5.2	0.0	6.2	9.0	2.4		3.0	
10	6.1	0.0	7.5	4.8	7.1	1.4	3.2	5.9	0.4		3.6	
11	8.1	0.3	3.6	4.2	4.3	6.8	6.8	8.1	2.0		8.6	
12	4.6	6.2	2.8	2.7	3.4	0.9	7.6	4.0	0.9		2.3	
13	5.3	3.1	6.4	5.7	6.5	4.4	4.9	5.7	0.1		6.1	
14	3.7	0.7	3.3	1.8	0.6	8.1	7.4	8.7	0.1		3.6	
15	4.0	0.0	0.9	2.8	5.7	5.4	5.3	2.3	0.0		4.1	
16	0.0	2.8	0.6	7.4	4.7	7.3	2.9	7.9	3.9		8.6	
17	4.9	3.1	1.8	3.8	7.9	8.0	8.9	7.4	3.6		0.2	
18	2.1	4.5	1.8	0.3	2.7	3.2	7.9	5.8	3.6		6.4	
19	3.0	2.3	5.1	0.6	1.9	5.8	2.6	3.6	0.0		1.0	
20	1.2	4.6	2.5	2.6	3.9	7.2	7.6	3.8	4.7		7.8	
21	4.7	6.6	2.8	4.3	4.9	7.8	6.7	3.9	3.6		4.7	
22		2.9	6.3	5.5	3.6	7.5	7.2	8.4	4.0		7.8	
23		7.8	2.9	3.0	9.3	7.3	6.5	8.0	7.8		4.0	
24		9.4	3.2	6.2	7.2	7.2	3.6	7.1	4.2		7.5	
25		9.7	3.2	9.0	0.8	4.2	6.7	4.2	4.5		4.5	
26	0.0	0.3	6.5	8.6	7.2	7.6	6.3	4.3	4.0		6.3	
27	8.0	9.1	4.5	3.3	3.9	3.3	3.3	7.7	6.3		2.7	
28	1.4	8.7	1.3	0.6	1.2	3.8	2.7	7.2	7.7		2.7	
29	1.0		0.7	2.7	0.6	4.4	8.4	8.1	8.1		7.7	
30	8.1		1.0	2.3	3.2	8.8	7.9	6.8	8.0		8.5	
31	8.2		1.0		5.6		8.2	8.0				
Total		104.9	102.7	109.5	135.4	160.9		182.9			140.5	
TOTAL ANUAL -										m.m		Dias lluv

Estación JAVA
Altitud 1.640 metros

Municipio VIOTA
Latitud 4-30 N.

Año 1.971
Longitud 74-27 W.

L L U V I A E N M I L I M E T R O S													
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV	DIC.	
1	0.0	2.7	4.0	21.2	8.2	0.0	0.0	0.0	10.1	1.2	18.4	0.0	
2	0.0	1.7	0.0	18.3	0.0	0.0	0.3	0.4	4.5	29.4	31.5	0.0	
3	0.0	0.0	9.6	25.6	39.1	0.0	4.6	0.2	0.1	25.2	26.8	2.0	
4	0.2	0.1	26.5	8.2	1.7	0.9	1.5	6.5	6.8	5.4	13.5	14.6	
5	54.0	22.7	0.0	9.4	1.4	1.4	0.0	4.3	0.0	0.8	17.9	0.0	
6	7.0	55.5	0.1	0.0	1.7	3.2	0.0	1.0	10.3	0.0	0.1	0.0	
7	43.8	4.5	7.9	2.5	9.4	4.1	2.3	0.0	9.3	1.8	0.1	0.0	
8	54.6	1.3	0.9	11.4	0.0	0.0	0.0	0.0	0.0	0.1	10.3	0.0	
9	1.9	2.0	0.0	2.1	0.5	1.6	0.0	0.0	5.1	0.8	10.7	0.3	
10	7.1	0.0	2.2	0.0	4.7	0.0	9.9	0.9	0.7	8.5	10.0	2.5	
11	13.4	0.0	16.8	0.0	2.1	0.0	0.0	0.8	3.1	0.0	0.0	0.0	
12	6.6	31.3	26.1	10.1	6.2	24.5	0.1	3.0	2.5	0.2	0.1	0.1	
13	0.0	0.6	3.6	17.9	3.0	0.0	4.3	0.0	5.8	2.9	8.3	1.3	
14	2.5	0.2	0.4	9.5	2.1	0.0	12.0	13.5	0.0	0.0	0.0	0.0	
15	0.0	10.3	3.4	0.0	7.6	1.2	1.9	0.0	0.0	0.9	2.9	0.0	
16	1.7	9.9	0.5	1.0	7.2	0.0	0.0	0.4	9.9	3.0	0.0	0.0	
17	0.4	2.5	8.0	23.6	34.7	4.2	0.0	3.9	1.0	28.8	10.6	0.0	
18	13.7	6.2	0.9	1.0	82.8	0.0	0.0	0.6	7.8	7.2	3.5	0.9	
19	30.4	36.3	2.0	9.3	26.0	0.0	0.8	0.7	0.1	0.4	0.0	0.0	
20	20.4	3.3	8.6	0.4	8.5	0.0	0.2	1.0	2.1	0.0	0.7	11.0	
21	0.0	0.3	7.8	0.1	1.4	1.2	7.0	0.0	6.7	0.0	6.6	0.8	
22	0.0	0.7	3.0	3.4	7.4	11.3	0.7	2.8	1.9	2.2	3.2	24.3	
23	0.0	0.0	15.1	0.2	7.7	0.0	5.1	3.4	1.5	10.3	0.3	1.0	
24	1.2	0.0	6.9	0.0	3.2	7.4	0.0	0.3	0.0	0.2	0.0	1.5	
25	0.1	18.4	16.5	0.0	14.1	5.0	0.0	0.6	0.1	41.3	5.1	14.3	
26	51.8	0.0	12.1	20.7	0.0	0.0	2.0	42.9	0.5	15.1	0.3	5.0	
27	11.9	0.8	31.4	0.0	0.5	0.9	0.0	2.2	0.0	33.4	8.0	0.0	
28	15.2	8.2	11.1	5.4	0.4	6.3	0.0	0.1	0.0	2.9	13.6	0.0	
29	14.2		4.9	0.0	10.4	2.3	0.4	0.0	5.6	3.4	2.7	5.8	
30	0.0		0.5	0.0	7.1	0.2	0.0	0.4	30.2	1.7	1.5	1.5	
31	1.2		6.2	0.1	0.1		0.5	0.0		32.6	0.0	0.0	
Total	353.3	219.5	237.0	191.3	299.2	80.7	53.6	89.9	125.7	259.7	206.4	86.9	
D.LI.	22	22	28	21	28	16	17	22	23	26	25	16	
TOTALES ANUALES										2203.2 m.m		266	Días lluv

B R I L L O S O L A R E N H O R A S													
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	1.4	3.9	2.6	0.2	0.8	1.9	3.6	0.2	0.8	1.9	0.0	4.2	
2	4.2	3.2	4.2	0.6	0.9	2.9	2.5	2.0	1.3	0.0	3.0	3.6	
3	2.6	1.0	3.8	1.7	0.8	7.6	2.9	4.9	1.8	0.9	1.1	4.1	
4	0.5	4.4	2.7	0.7	1.9	2.4	0.9	0.7	1.8	2.1	3.4	1.3	
5	0.0	1.1	2.0	4.0	2.0	0.9	5.7	0.3	3.4	1.4	0.3	6.7	
6	2.7	1.9	5.0	4.9	1.8	2.7	5.2	2.3	2.5	4.2	3.4	3.7	
7	0.0	3.5	0.6	2.7	7.1	0.8	0.0	5.4	4.5	2.8	3.8	5.3	
8	0.8	6.9	0.0	1.8	1.6	7.5	4.6	0.9	1.2	3.5	1.5	4.4	
9	0.2	5.3	2.6	1.6	1.1	1.6	3.8	5.5	3.9	5.0	0.0	3.6	
10	0.1	6.6	4.3	5.0	0.6	3.7	1.7	1.8	2.5	3.6	3.7	5.7	
11	3.1	6.5	3.5	2.4	1.5	5.2	2.3	3.1	6.1	1.3	6.5	6.8	
12	3.0	4.3	1.3	5.8	1.1	2.6	3.4	2.3	4.8	3.0	5.9	6.5	
13	1.3	1.8	4.7	2.8	4.4	2.5	1.2	6.1	1.4	2.1	4.6	3.3	
14	1.9	0.7	4.4	1.4	0.1	1.8	0.0	1.6	4.2	1.9	4.9	4.4	
15	1.0	3.9	0.0	1.4	1.6	0.2	1.9	2.6	2.4	5.6	2.2	4.3	
16	6.3	2.9	0.0	1.0	0.0	4.6	6.3	4.4	0.7	2.6	5.9	3.6	
17	3.5	1.9	0.7	2.1	0.8	3.9	7.3	1.1	1.6	1.9	4.2	1.5	
18	3.1	0.8	0.0	0.2	4.4	1.5	3.2	2.1	1.6	1.7	2.1	0.0	
19	0.2	0.0	1.6	0.0	3.1	6.0	8.5	0.7	2.0	0.9	2.4	3.4	
20	0.6	2.1	0.0	1.2	3.2	2.7	5.0	1.0	1.6	2.1	4.6	5.7	
21	1.2	0.1	0.8	0.2	3.7	3.2	2.2	5.7	1.1	4.2	2.2	0.2	
22	2.4	0.0	6.9	3.7	2.3	3.3	5.3	3.4	7.1	3.3	3.2	1.9	
23	6.6	0.6	3.7	2.1	0.0	3.0	2.9	5.7	5.7	3.0	5.1	0.9	
24	3.0	3.9	2.9	1.3	3.8	0.7	3.2	2.6	3.6	3.9	2.8	1.3	
25	3.3	8.0	1.9	0.7	2.0	6.7	8.2	4.3	2.1	3.7	4.8	1.0	
26	1.6	4.7	1.6	1.9	3.4	1.6	2.8	4.2	2.7	2.5	1.6	2.6	
27	0.3	2.4	5.5	0.2	3.0	2.0	4.5	0.6	3.6	1.7	3.2	0.4	
28	2.9	1.6	1.1	0.0	5.1	4.1	1.8	7.5	4.7	1.7	0.1	1.9	
29	1.4	0.3	3.9	3.9	1.3	0.0	5.7	1.9	2.3	5.6	1.9	0.9	
30	4.1	0.1	2.9	2.9	0.1	5.4	4.4	3.9	1.9	2.4	6.1	0.6	
31	3.9		0.1		5.6		3.3	6.0		0.5		2.4	
Total	69.2	87.0	68.9	58.4	69.1	94.0	114.3	91.8	84.9	81.0	94.5	96.2	
TOTAL ANUAL										-1009.3 m.m			Días lluv

Estación LA UNION
 Altitud 1.800 metros

Municipio LA UNION
 Latitud 1-37 N.

Año 1.971
 Longitud 77-09 W.

L L U V I A E N M I L I M E T R O S													
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DEC.	
1	0.0	0.0	29.8	9.9	34.3	0.0	0.0	0.0	0.5	22.2	9.0	7.9	
2	0.0	27.6	4.9	0.0	50.3	0.5	0.0	0.0	0.0	55.8	34.9	18.3	
3	0.0	40.5	8.6	0.0	3.7	0.0	0.0	0.0	0.0	44.5	18.4	13.8	
4	58.5	14.1	0.0	0.0	19.3	0.7	1.6	0.8	0.0	0.0	0.0	3.2	
5	53.4	18.0	0.0	0.0	19.0	22.8	0.0	0.0	2.0	4.2	12.7	0.0	
6	28.4	0.3	10.5	0.0	0.2	0.5	0.0	2.6	0.0	2.2	2.7	0.0	
7	3.5	0.0	0.0	13.4	0.0	5.2	2.5	1.3	2.1	3.6	0.7	1.2	
8	7.5	1.2	3.0	19.8	0.0	0.0	0.0	0.0	2.9	15.2	0.0	0.0	
9	29.5	0.5	0.0	8.7	0.0	0.0	0.0	0.0	1.0	2.5	0.0	0.0	
10	0.0	6.3	32.8	8.6	2.5	0.0	0.1	0.0	0.2	20.1	0.0	0.0	
11	0.8	0.1	17.4	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	
12	0.0	40.9	0.0	0.0	0.0	22.2	0.0	0.0	0.4	1.9	0.2	0.0	
13	17.3	8.5	0.0	0.0	0.0	25.5	0.0	0.2	0.0	0.0	0.0	0.0	
14	20.8	0.0	0.0	53.0	6.9	0.0	0.0	0.0	0.0	0.0	12.8	0.0	
15	0.7	8.5	15.6	0.2	63.7	0.0	0.0	0.0	0.0	2.7	12.0	0.0	
16	11.8	11.6	0.0	0.2	9.3	0.0	0.0	0.0	0.0	4.8	52.5	0.0	
17	8.0	2.0	59.5	34.7	11.3	5.3	0.0	0.0	0.0	6.7	22.9	22.3	
18	7.6	13.0	5.3	3.0	0.0	5.7	0.0	11.9	0.0	0.4	9.9	10.7	
19	9.9	22.9	1.6	1.1	10.6	11.5	0.0	0.6	0.0	0.0	23.8	0.0	
20	16.1	4.0	7.5	13.2	0.0	0.0	0.0	2.1	3.3	0.0	1.2	1.2	
21	2.7	0.0	12.4	2.8	0.0	0.0	1.1	0.0	0.0	9.3	5.5	9.2	
22	0.0	0.0	15.9	19.4	22.5	0.3	0.0	0.0	0.0	56.5	16.0	13.9	
23	0.0	3.9	21.3	11.3	0.0	0.0	0.0	4.5	0.0	4.4	7.2	2.4	
24	0.7	0.0	10.9	0.0	17.6	0.0	0.0	12.4	0.0	9.4	14.7	0.0	
25	0.1	0.0	1.5	0.0	3.7	0.0	0.0	1.5	0.0	6.4	2.0	5.7	
26	0.0	0.0	6.2	0.2	0.0	0.0	0.0	1.4	0.0	2.1	8.6	0.8	
27	16.7	4.0	10.9	1.7	0.1	0.0	0.0	0.0	0.0	2.3	5.8	0.3	
28	0.0	7.7	36.4	0.0	0.3	0.0	0.0	0.0	0.0	17.0	45.4	0.0	
29	3.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	22.6	14.5	30.0	
30	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	15.3	34.5	0.0	
31	1.1	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	0.0	0.0	
Total	298.9	235.6	322.4	201.2	277.0	100.2	8.4	35.8	21.5	358.1	367.9	140.9	
D.LL.	21	20	22	17	18	11	7	8	11	26	24	15	
TOTALES ANUALES							2367.9 m.m				200		Días lluv

B R I L L O S O L A R E N H O R A S												
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DEC.
1	8.3	2.0	2.7	3.7	0.1	4.7	3.0	6.8	2.1	1.5	0.1	0.8
2	4.0	1.2	2.3	8.7	2.3	8.2	2.0	5.8	4.1	0.6	2.3	2.4
3	0.7	2.1	0.0	1.5	3.9	4.8	5.5	5.6	3.7	1.7	0.5	1.9
4	0.8	0.1	9.0	0.8	2.4	4.2	6.6	3.6	3.8	2.7	4.9	1.2
5	0.0	1.5	8.4	4.4	0.2	2.7	2.8	5.0	3.2	1.0	2.3	2.0
6	0.9	3.0	2.4	3.4	6.5	2.3	4.5	4.9	0.9	1.8	1.1	1.9
7	0.0	1.6	0.0	4.4	0.4	0.6	4.1	4.6	7.3	3.8	0.1	1.9
8	3.7	2.9	1.0	6.7	0.7	0.7	6.2	4.3	1.0	1.8	2.5	5.8
9	0.7	1.9	4.4	1.7	1.0	1.6	10.4	7.7	4.6	1.9	6.5	4.7
10	3.6	6.5	1.4	4.8	5.8	0.5	6.1	6.6	8.9	2.3	4.4	7.0
11	4.0	3.8	0.6	2.8	4.8	1.5	6.0	7.5	1.4	0.6	3.6	7.5
12	3.6	0.1	2.9	0.9	8.9	1.8	6.5	6.2	3.6	4.3	5.6	2.8
13	0.2	1.0	0.0	3.0	7.8	1.2	5.4	2.5	5.7	6.8	4.5	8.1
14	0.5	0.7	0.0	0.0	0.4	0.0	7.1	4.3	8.5	5.7	1.0	8.9
15	2.5	0.9	0.7	2.6	1.3	5.1	10.4	4.1	1.3	5.3	2.4	7.8
16	3.2	0.8	0.1	4.3	0.0	5.5	11.3	1.0	0.5	3.3	1.5	6.2
17	1.6	1.1	1.4	1.8	2.6	5.0	7.8	4.3	4.5	1.5	3.6	3.1
18	2.7	0.1	1.2	0.3	3.7	1.8	11.0	6.0	8.1	4.9	0.6	4.6
19	0.1	0.1	0.2	0.9	3.4	2.0	10.3	3.6	3.6	3.7	0.8	7.7
20	1.8	1.1	0.4	1.6	2.2	0.7	10.3	3.2	0.4	1.5	1.3	1.9
21	0.3	0.0	1.4	3.3	7.0	1.1	5.2	11.0	7.9	0.4	3.5	0.1
22	0.6	0.2	0.7	1.6	1.3	4.0	5.9	3.6	4.4	6.6	1.4	0.7
23	6.6	1.2	1.1	1.0	2.4	9.1	7.9	0.0	0.1	5.5	2.0	1.3
24	0.8	5.2	0.1	7.7	2.1	5.6	10.9	3.1	3.9	4.6	3.9	3.0
25	4.3	8.1	0.1	2.1	0.4	11.7	0.4	4.4	2.0	1.5	2.6	2.7
26	6.5	3.6	0.1	6.2	5.0	5.9	2.9	1.9	0.0	5.5	2.1	1.8
27	3.4	5.9	0.1	5.9	3.8	4.1	2.0	8.0	7.3	0.3	3.1	0.2
28	1.7	6.4	0.1	1.8	5.2	1.8	3.6	10.9	3.4	1.2	0.6	1.3
29	1.2	0.1	0.2	0.2	7.2	2.1	5.4	5.0	4.4	0.1	2.1	1.7
30	5.5	0.1	0.1	4.2	8.8	2.2	5.1	4.3	3.0	0.0	2.8	4.6
31	3.4	0.1	2.2	0.1	5.6	0.1	3.7	3.4	0.0	0.7	0.0	7.4
Total	77.2	63.1		92.3	107.7	102.5	190.3	153.2	113.6	83.1	73.7	113.0
TOTAL ANUAL -							m.m				Días lluv	

Estación LA BELLA
Altitud 1.450 metros

Municipio CALARCA
Latitud 4-30 N.

Año 1.971
Longitud 75-38 W.

L U V I A E N M I L I M E T R O S													
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	1.1	2.2	26.3	11.3	22.3	0.0	0.0	0.0	4.8	44.6	0.3	12.2	
2	0.4	0.6	2.3	31.5	8.1	0.2	20.2	0.0	1.4	3.4	6.7	15.9	
3	34.3	37.3	0.4	17.1	69.5	0.0	23.3	0.2	1.8	12.8	1.0	0.1	
4	0.0	31.8	0.7	0.0	1.2	7.6	14.2	21.2	0.1	1.9	2.3	0.0	
5	64.4	0.0	15.7	0.0	8.0	24.3	0.0	1.6	0.3	1.6	1.0	0.0	
6	26.4	0.4	34.7	7.2	0.0	6.9	0.0	0.3	0.2	1.4	4.1	0.7	
7	48.5	0.7	9.4	2.3	33.1	2.3	0.5	0.0	28.2	7.8	20.4	0.0	
8	15.3	0.3	4.0	0.0	4.0	0.0	0.0	0.0	4.2	0.0	37.6	0.0	
9	5.3	17.0	1.0	0.0	4.1	0.0	0.0	1.6	0.0	4.0	14.4	3.5	
10	0.7	1.6	0.3	3.3	0.3	0.0	0.0	0.0	1.3	17.0	0.1	5.9	
11	0.5	7.0	17.7	0.0	1.7	20.0	1.5	0.3	0.1	11.9	0.0	0.0	
12	16.0	43.4	0.6	6.1	0.8	14.6	4.0	2.0	12.8	31.5	1.7	0.0	
13	7.7	5.5	0.0	0.0	3.3	0.6	10.3	0.3	0.1	2.0	2.3	0.1	
14	0.0	3.9	0.9	3.2	11.7	0.5	0.1	0.0	0.0	2.0	26.6	0.0	
15	1.0	0.0	0.2	4.3	0.0	1.9	0.0	0.0	2.6	0.0	0.0	1.9	
16	10.7	0.0	9.8	18.2	0.7	0.3	0.0	11.5	5.0	21.3	10.1	19.9	
17	5.7	42.1	0.0	25.0	13.3	1.6	0.0	0.2	0.0	0.0	34.4	0.0	
18	26.3	29.5	19.5	6.1	60.4	3.4	13.4	2.9	0.0	8.8	12.9	0.0	
19	14.4	12.1	18.5	0.0	9.5	0.0	0.0	0.0	4.5	0.1	5.1	0.0	
20	3.9	28.5	24.3	58.2	2.8	0.0	0.0	2.8	1.0	0.0	2.7	2.3	
21	0.0	1.2	5.9	0.0	1.7	0.2	0.0	1.3	0.3	23.2	0.0	17.4	
22	0.0	1.7	56.2	2.3	0.3	1.1	0.8	0.3	0.0	13.8	0.0	2.0	
23	0.0	0.0	24.8	3.8	0.0	0.0	0.3	13.4	0.0	20.5	20.8	14.8	
24	0.0	0.0	35.7	0.0	18.3	0.0	0.0	3.1	0.4	3.5	22.1	8.7	
25	0.0	0.0	25.2	0.0	20.2	21.3	32.7	1.1	0.0	12.9	47.1	0.0	
26	0.6	16.9	36.0	0.0	0.0	0.0	0.3	74.2	6.9	0.0	0.0	6.3	
27	0.0	0.0	0.0	0.0	0.0	2.1	0.0	1.5	0.7	59.8	7.5	7.8	
28	22.5	8.3	39.5	0.0	0.0	0.0	0.0	0.0	2.6	16.2	0.7	1.3	
29	4.6	0.0	18.5	1.2	28.2	10.7	0.0	0.0	0.0	12.4	0.0	11.8	
30	0.0	0.0	35.4	0.5	1.5	1.0	0.0	0.0	39.6	38.8	0.1	0.0	
31	2.2	7.0	7.0	0.3	0.3	0.0	0.0	0.0	4.4	4.4	0.0	0.0	
Total	312.5	292.0	470.5	201.6	325.3	120.6	121.6	139.8	118.9	377.6	282.0	132.6	
D.Ll.	22	21	28	17	25	19	13	19	22	26	24	18	
TOTALES ANUALES							2895.0 m.m				254		Dias lluv

B R I L L O S O L A R E N H O R A S												
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	7.9	1.5	2.3	2.1	2.8	5.0	2.9	3.7	2.6	4.2	0.6	0.1
2	6.4	3.2	4.3	5.9	4.2	2.8	2.8	3.2	0.8	0.8	1.2	2.3
3	3.6	2.1	4.8	0.1	3.9	6.4	2.0	5.4	2.9	0.8	1.1	3.5
4	0.0	1.0	1.9	10.6	1.6	4.9	0.5	2.8	2.6	0.7	5.8	4.2
5	0.9	2.8	3.8	3.6	5.5	3.1	3.4	0.7	2.9	2.5	2.9	5.1
6	1.3	6.8	6.8	5.5	0.8	1.7	4.5	0.0	6.1	2.7	1.9	4.8
7	1.2	0.1	1.3	3.6	8.3	1.1	1.3	2.9	3.2	0.6	1.2	4.2
8	3.4	3.9	3.1	3.4	4.5	5.1	7.2	0.7	1.2	6.1	3.9	1.6
9	2.4	4.9	5.2	2.8	5.2	4.6	4.6	1.7	3.0	3.8	0.5	3.3
10	3.4	2.6	5.8	1.7	3.0	4.4	2.1	7.8	3.4	0.5	2.3	3.4
11	3.1	6.4	1.9	1.0	1.1	6.2	4.1	4.9	8.2	1.4	4.0	4.5
12	6.7	5.1	0.3	5.8	1.1	0.0	0.7	1.4	4.6	3.1	6.6	6.8
13	2.2	3.3	5.5	2.0	2.9	3.3	3.4	8.9	3.6	1.7	6.9	1.1
14	6.7	2.2	3.0	1.2	0.0	6.6	1.2	0.6	7.6	0.7	2.5	7.9
15	2.9	4.2	2.3	3.6	5.4	5.9	7.8	3.3	5.5	3.6	5.3	4.8
16	1.8	3.6	0.3	6.4	1.1	9.3	8.5	6.2	2.8	1.3	3.0	2.3
17	7.2	2.1	1.0	3.8	3.8	5.5	6.1	4.6	2.6	2.0	2.9	2.2
18	3.3	0.1	1.2	0.0	4.9	0.7	8.3	3.6	2.8	2.7	3.2	1.2
19	2.4	1.8	1.7	2.0	2.6	5.2	10.3	2.7	3.3	1.2	3.3	2.1
20	2.5	6.9	0.4	3.1	1.5	9.3	6.5	5.2	4.2	3.1	6.3	1.5
21	0.0	0.2	3.9	1.5	5.8	2.9	7.2	2.5	1.1	7.0	3.7	0.8
22	3.1	0.0	2.9	3.1	5.2	1.4	1.0	3.7	5.0	0.8	5.5	2.6
23	7.4	5.0	3.8	1.0	2.2	10.0	5.7	4.5	4.0	3.6	3.7	0.6
24	7.6	6.2	2.9	3.2	4.7	4.7	5.8	4.9	3.5	0.8	2.3	4.3
25	3.7	8.9	3.4	7.6	1.1	8.0	5.6	3.4	6.2	0.0	0.9	0.0
26	1.2	1.7	1.4	3.9	6.2	1.0	2.2	3.0	1.8	7.6	2.4	3.8
27	3.3	2.6	2.5	6.2	6.4	3.5	3.6	0.1	5.0	5.2	3.5	0.9
28	4.8	7.0	1.5	3.9	2.9	2.1	0.8	6.3	2.2	5.2	1.2	2.3
29	4.7	0.0	1.1	4.2	4.8	4.0	4.5	1.7	4.2	0.6	3.5	1.7
30	5.9	0.0	2.4	4.3	1.5	6.2	4.6	4.7	3.2	4.1	6.2	2.2
31	5.8	0.0	1.6	0.5	5.5	0.5	4.6	7.0	0.0	0.0	0.0	0.3
Total	116.8	96.2	84.3	107.1	110.5	134.9	133.8	112.1	110.1	78.4	98.3	86.4
TOTAL ANUAL							-1268.9 m.m				Dias lluv	

Estación EL JAZMIN

Municipio STA. ROSA DE C.

Año 1.971

Altitud 1.600 metros

Latitud 4-53 N.

Longitud 75-36 W.

L L U V I A E N M I L I M E T R O S													
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV	DEC.	
1	2.0	0.0	2.4	12.7	0.0	8.2	0.2	5.9	40.4	5.5	3.4	0.0	
2	6.0	6.4	13.5	25.6	0.0	1.7	0.8	0.4	2.9	9.8	6.6	0.0	
3	12.7	17.7	12.1	10.4	26.4	0.0	1.6	9.1	2.1	24.1	0.0	0.8	
4	11.1	55.1	0.0	0.0	4.3	0.0	0.9	30.1	0.0	0.6	6.1	0.0	
5	10.6	13.8	0.2	0.0	4.7	33.6	0.0	0.6	0.0	1.0	38.3	0.0	
6	16.2	8.3	0.0	14.7	6.7	11.2	8.2	0.6	6.6	8.4	27.4	0.0	
7	10.9	1.9	25.0	31.6	20.6	0.0	2.0	9.6	15.6	1.8	3.3	0.0	
8	22.8	5.0	11.1	3.0	0.0	0.0	0.0	4.9	12.7	0.0	66.2	0.0	
9	15.6	44.4	1.0	0.0	1.5	1.9	0.0	0.3	0.4	36.3	1.8	0.0	
10	0.2	3.6	0.0	9.5	0.8	0.0	2.5	10.2	0.5	2.5	1.1	12.0	
11	0.0	2.1	4.8	0.4	0.5	30.4	0.0	4.0	0.0	1.0	0.0	0.0	
12	35.1	54.3	6.7	0.7	2.6	12.6	7.5	3.9	29.8	1.1	8.4	0.0	
13	0.0	6.3	10.2	4.6	25.6	4.9	16.0	0.0	3.1	0.5	9.1	0.0	
14	4.8	1.6	28.4	6.3	28.8	0.1	10.0	3.7	29.6	3.7	1.2	0.2	
15	11.8	11.6	28.7	21.9	31.4	1.3	0.0	0.0	17.9	11.5	0.3	2.6	
16	63.4	23.7	16.8	0.9	5.0	2.7	0.0	0.9	19.1	4.6	16.2	3.2	
17	7.2	13.2	27.6	11.0	6.5	2.2	8.8	25.1	0.3	2.0	21.9	5.3	
18	7.0	17.2	2.3	0.0	16.1	12.7	0.0	23.3	5.8	3.0	0.0	1.9	
19	9.7	17.8	10.0	2.2	0.3	11.6	0.0	47.4	1.1	2.3	0.5	10.0	
20	0.4	10.5	10.9	31.1	6.4	11.1	0.0	14.6	0.8	1.4	0.9	5.2	
21	0.3	11.9	30.7	0.0	14.3	17.5	0.0	6.9	1.1	23.0	2.0	39.6	
22	0.0	6.5	33.2	23.2	0.9	2.8	2.0	0.0	0.6	3.5	0.4	32.1	
23	0.0	0.0	5.6	35.4	0.0	0.7	11.1	76.6	0.7	29.4	0.1	16.7	
24	10.0	0.2	56.9	1.3	0.3	14.8	0.0	8.9	0.0	24.4	2.5	40.9	
25	0.0	0.1	19.3	0.0	28.1	36.6	5.5	13.1	3.9	0.1	12.3	0.5	
26	11.0	2.0	12.0	0.0	0.7	3.4	2.5	11.9	0.7	0.0	14.1	21.6	
27	0.0	0.0	3.8	0.0	9.3	3.4	1.2	9.6	0.5	9.4	0.0	6.9	
28	26.0	0.0	28.0	10.0	0.1	4.0	0.0	0.7	0.0	19.0	5.7	10.4	
29	0.0	0.0	21.9	2.2	1.4	2.0	0.5	0.4	12.7	3.5	1.1	24.1	
30	1.1	10.4	10.4	10.2	1.9	24.3	0.0	9.5	14.2	17.1	56.1	0.4	
31	4.6	18.6	18.6	0.0	0.0	0.0	0.0	0.4	5.0	5.0	0.0	0.0	
Total D.Ll.	300.5 24	335.2 24	452.1 28	268.9 22	245.2 26	254.7 25	81.3 17	332.6 28	223.1 25	255.5 29	307.0 26	224.4 18	
TOTALES ANUALES							3280.5 m.m			292			Días lluv

B R I L L O S O L A R E N H O R A S												
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DEC.
1	3.1	3.1	3.5	2.0	3.0	2.1	2.9	5.2	2.0	2.2	4.2	7.2
2	4.6	7.7	6.4	6.0	2.4	7.5	2.8	6.2	3.2	2.1	4.7	4.7
3	1.7	0.4	6.7	0.1	3.4	9.6	1.8	3.1	1.0	0.9	1.6	5.5
4	0.2	0.2	4.8	11.0	3.0	9.9	1.0	3.0	0.5	0.9	3.0	5.5
5	3.5	1.7	8.8	7.8	5.9	0.0	4.6	3.1	1.1	2.2	4.9	6.0
6	0.7	19.3	7.9	2.4	0.6	7.5	3.9	3.9	5.5	5.1	4.1	6.5
7	0.3	2.3	0.3	3.4	5.7	1.8	2.6	6.5	2.6	4.3	2.7	5.2
8	1.8	5.7	3.1	6.1	3.9	7.8	7.5	2.9	2.9	8.7	0.0	3.0
9	3.2	7.4	3.0	3.5	5.9	5.4	5.7	8.2	5.2	4.3	0.6	6.5
10	2.4	5.7	4.8	2.9	4.2	0.0	2.4	4.6	3.9	2.3	1.3	5.2
11	2.1	10.5	3.0	3.4	2.8	4.1	5.0	5.8	8.6	2.3	4.1	5.0
12	5.9	3.4	1.3	5.5	1.5	0.4	4.0	2.6	6.7	0.4	7.8	7.4
13	3.6	1.4	2.1	6.6	5.3	4.0	4.1	10.0	2.0	3.9	7.9	6.3
14	6.8	1.0	3.8	2.9	0.0	2.8	1.7	0.6	7.1	2.5	3.2	0.4
15	4.5	3.1	1.6	3.9	5.7	5.6	5.9	4.6	7.7	5.2	5.8	6.8
16	0.8	2.9	2.0	5.8	2.2	4.2	5.9	2.6	3.3	1.8	3.5	3.4
17	7.1	6.5	2.8	2.6	5.6	7.1	4.4	3.1	2.3	0.7	2.6	1.7
18	5.4	0.5	1.8	0.2	5.2	0.5	9.5	6.8	2.0	1.8	3.4	2.3
19	1.9	0.8	1.3	0.0	6.1	4.4	6.0	1.8	2.4	3.5	2.6	8.7
20	3.5	5.6	0.4	1.4	3.1	4.0	3.7	3.5	7.2	7.4	7.3	2.3
21	6.5	0.6	2.6	2.6	4.3	2.3	5.9	2.7	4.6	8.1	5.2	0.7
22	3.9	0.1	4.1	2.0	5.7	1.1	4.1	6.0	5.0	1.6	5.6	1.5
23	8.2	5.6	3.1	3.3	4.3	8.5	4.4	6.3	2.0	3.9	8.3	0.4
24	6.8	3.1	1.8	4.3	3.4	3.2	7.3	5.0	2.5	6.7	3.7	3.0
25	7.4	7.6	2.7	4.5	0.7	8.2	1.6	3.7	6.0	3.0	1.5	2.2
26	4.0	2.5	2.3	6.6	7.0	2.4	5.7	1.3	1.6	9.1	4.2	3.8
27	6.6	6.7	2.5	6.9	7.7	2.5	2.9	0.0	3.8	5.3	6.5	1.1
28	5.6	7.7	2.5	1.7	2.8	3.0	2.7	6.1	2.1	5.4	1.0	2.6
29	5.1	0.0	1.2	5.2	3.8	2.3	7.5	3.5	2.4	0.3	8.0	1.5
30	5.5	0.0	3.6	6.3	1.3	4.0	8.8	4.3	2.7	4.1	6.4	2.5
31	4.1	1.2	1.2	7.6	7.6	0.0	7.0	8.1	0.0	0.0	0.0	4.7
Total	126.8	113.1	97.0	120.9	124.1	126.2	143.3	135.1	109.9	110.0	121.6	123.6
TOTAL ANUAL -1451.6							m.m			Días lluv		

Estación LA FLORESTA
Altitud 1.370 metros

Municipio SAN VICENTE
Latitud 6-52 N.

Año 1.971
Longitud 73-24 W.

L L U V I A E N M I L I M E T R O S												
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV	DIC.
1	0.0	6.5	4.2	10.3	3.5	0.0	0.0	0.0	9.8	12.0	20.8	0.0
2	0.3	0.0	15.2	0.1	0.0	0.0	0.0	0.0	1.6	28.8	0.3	0.0
3	2.4	0.3	2.2	0.3	30.9	0.0	5.5	0.0	9.8	8.8	6.1	0.0
4	0.6	2.9	0.2	0.0	24.1	6.3	16.4	0.0	0.4	11.2	3.1	0.0
5	0.8	2.4	0.0	0.0	0.7	0.0	1.7	0.0	2.2	0.7	0.0	0.0
6	23.0	0.0	0.0	0.0	1.0	0.0	21.4	0.0	0.0	0.0	3.6	0.0
7	21.7	5.5	7.5	0.0	0.5	0.8	3.6	0.0	7.4	0.0	3.4	0.0
8	0.0	17.2	23.2	0.3	4.0	0.0	2.8	0.5	14.8	0.3	0.0	0.0
9	0.0	16.4	4.4	0.4	7.1	0.0	0.0	0.0	0.5	0.3	0.8	0.9
10	2.4	0.0	0.0	0.0	5.7	0.0	2.4	0.0	0.0	13.3	1.7	0.0
11	1.1	0.0	10.7	7.4	0.1	3.7	0.2	0.0	0.0	6.2	17.6	0.0
12	0.8	0.0	0.6	0.0	9.2	8.3	1.2	1.6	0.0	21.0	4.2	0.5
13	0.0	0.0	1.3	14.3	4.1	26.2	0.0	0.0	0.5	1.0	6.3	0.0
14	10.7	0.0	0.0	4.6	0.2	0.0	0.0	17.3	11.9	0.0	0.6	0.3
15	0.0	0.2	0.5	0.0	2.2	0.0	0.0	4.6	4.0	27.4	0.0	12.5
16	2.5	0.7	25.2	0.0	1.2	0.0	60.7	0.0	8.4	1.5	28.3	2.9
17	0.0	13.4	10.2	4.6	6.5	0.0	0.5	1.7	10.1	0.0	25.1	11.7
18	6.8	0.0	1.9	4.3	14.6	0.5	0.5	1.1	7.6	9.8	30.3	0.2
19	23.2	0.0	3.8	1.7	2.9	0.0	0.0	0.0	2.0	0.8	2.1	0.0
20	42.4	1.9	2.1	37.7	4.7	0.0	0.0	0.0	4.9	0.0	2.7	0.0
21	0.0	4.7	0.0	0.0	24.7	10.2	1.1	18.6	0.3	0.0	0.0	0.0
22	0.7	0.0	23.5	1.9	0.0	1.1	0.1	0.3	1.0	2.0	6.7	10.3
23	0.0	0.0	6.3	0.8	0.0	0.0	0.0	0.4	0.0	29.9	0.0	0.3
24	0.0	0.0	0.5	0.0	26.3	0.0	0.0	0.0	0.0	0.0	1.3	0.5
25	0.0	3.6	1.8	4.9	26.6	0.0	0.0	9.2	0.0	1.4	3.8	3.9
26	0.0	0.9	10.0	0.0	0.0	0.0	2.6	9.5	1.7	0.0	0.2	3.4
27	0.0	0.0	0.0	0.0	7.5	4.3	0.2	10.1	5.3	3.5	0.0	0.4
28	12.3	0.0	10.1	4.6	1.3	0.4	0.0	1.8	10.8	3.6	0.2	1.7
29	0.0	0.0	27.1	2.3	5.8	0.0	5.3	0.0	0.8	2.3	0.0	0.0
30	0.0	0.0	1.7	13.7	11.3	6.5	0.0	0.0	25.4	40.2	0.0	0.0
31	0.0	0.0	11.2	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
Total	151.7	76.6	205.4	114.2	226.7	68.3	127.0	76.7	141.2	226.0	169.2	49.5
D.LL.	16	14	25	18	26	11	18	13	23	22	22	14
TOTALES ANUALES								1632.5 m.m		222		Dias lluv

B R I L L O S O L A R E N H O R A S												
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	5.8	3.1	5.7	0.0	5.9	3.8	2.9	6.5	0.0	4.1	0.3	8.1
2	1.2	3.0	3.6	5.1	2.4	4.5	4.9	8.2	2.3	0.6	2.7	9.1
3	2.7	4.4	3.9	5.2	2.4	7.4	2.6	9.9	2.2	2.8	0.0	8.4
4	1.1	3.7	0.4	7.5	3.8	5.5	5.1	6.5	6.8	1.0	6.7	7.5
5	0.0	1.0	6.6	7.1	4.7	7.5	8.4	0.7	4.9	4.9	4.9	5.9
6	5.2	6.8	9.6	5.8	3.4	4.0	7.9	4.9	8.0	10.1	4.7	6.9
7	2.1	6.8	2.9	4.0	7.3	3.4	1.1	10.3	6.2	7.1	7.9	7.7
8	3.5	8.9	0.3	1.4	5.7	8.1	5.9	2.6	2.3	7.1	3.8	6.8
9	1.7	8.8	4.5	3.5	4.1	8.1	9.2	8.9	8.4	8.4	3.7	5.6
10	2.4	8.0	6.9	6.2	8.0	3.0	3.1	7.2	4.2	3.0	1.1	5.2
11	3.5	8.9	4.3	7.9	6.4	10.3	4.5	6.8	6.8	0.7	5.6	8.8
12	4.9	4.5	2.6	4.9	3.3	4.5	6.7	0.7	10.5	6.0	2.0	5.1
13	1.1	2.8	2.5	5.1	6.6	1.9	5.1	5.8	2.6	4.2	2.0	2.2
14	6.7	2.9	6.6	3.0	2.1	7.0	2.5	6.7	6.7	2.7	0.7	5.0
15	4.2	2.2	0.3	3.1	6.6	8.3	4.5	2.5	4.3	5.8	4.5	5.4
16	3.5	2.1	0.7	4.7	4.3	9.5	5.3	6.6	3.3	4.2	7.2	5.4
17	2.4	5.7	0.9	1.5	3.5	6.4	11.0	5.6	4.7	0.0	1.6	7.0
18	1.5	0.4	1.2	0.8	2.8	4.4	2.9	8.0	4.4	0.9	9.4	2.1
19	3.3	1.7	4.3	1.3	2.4	5.8	8.8	10.0	3.4	5.9	2.9	5.5
20	0.0	4.0	1.6	1.5	3.1	9.9	6.9	8.3	4.3	9.1	3.8	3.9
21	1.2	1.3	3.7	1.1	2.8	5.7	7.9	5.2	0.3	8.0	5.5	4.7
22	5.3	2.2	7.3	8.2	7.4	4.8	4.8	5.4	8.4	2.2	6.1	3.3
23	4.9	8.1	7.8	5.4	2.7	4.8	8.6	8.6	8.9	2.2	8.2	1.5
24	5.9	9.3	7.5	8.0	2.7	8.4	6.9	6.9	6.2	6.7	4.9	5.7
25	7.6	8.2	3.9	9.4	7.5	8.0	8.0	6.9	6.2	6.3	5.0	0.0
26	10.0	4.9	1.7	8.0	9.0	8.2	8.2	3.9	8.1	5.9	3.7	1.6
27	4.1	3.9	3.6	8.1	5.0	1.7	1.7	0.7	8.5	4.0	4.1	2.3
28	3.8	7.5	1.4	4.0	4.9	5.2	5.4	5.4	5.9	7.2	3.1	3.2
29	6.4	0.0	0.6	1.6	1.0	3.1	10.2	10.2	6.9	4.3	9.0	3.0
30	6.4	0.0	0.0	3.0	0.2	8.6	5.5	5.5	5.4	2.6	6.4	4.7
31	6.0	0.0	0.0	0.0	8.0	0.0	8.6	9.1	5.4	5.2	0.0	7.1
Total	118.4	134.6	106.9	136.4	139.4	181.8		192.0	155.0	140.9	131.5	158.7
TOTAL ANUAL -								m.m				Dias lluv

Estación SANTIQUEDA - LUKER

Municipio PALESTINA

Año 1.971

Altitud 1.020

Latitud 5-03 N.

Longitud 75-41 W.

L U V I A E N M I L I M E T R O S												
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	2.3	0.0	0.0	0.0	36.5	0.0	0.0	3.1	17.0	0.0	0.0
2	0.0	18.2	9.0	0.0	0.0	0.0	0.0	0.0	5.0	37.0	23.2	0.0
3	7.0	80.0	39.0	17.5	0.0	0.0	0.0	15.6	3.1	2.0	0.0	0.0
4	0.0	12.0	0.0	0.0	0.0	18.0	0.0	14.5	3.1	12.8	2.5	0.0
5	0.0	38.0	0.0	0.0	47.0	51.0	0.0	0.0	2.3	11.5	8.0	0.0
6	28.4	0.0	10.5	0.0	0.0	0.0	0.0	42.8	28.0	6.5	10.5	0.0
7	14.9	0.0	40.5	26.0	34.0	1.5	0.0	3.0	4.0	30.0	0.0	0.0
8	0.0	3.0	1.5	0.0	0.5	0.0	16.2	0.0	10.5	48.0	51.4	0.0
9	7.7	20.0	0.0	10.0	5.0	0.4	0.0	0.0	0.0	0.0	2.3	0.0
10	50.5	34.0	0.0	0.0	0.0	5.0	0.0	7.0	0.0	0.0	0.2	0.0
11	0.0	2.2	20.6	5.0	23.6	0.0	0.0	48.0	0.0	10.0	0.0	0.0
12	31.7	3.2	0.0	25.0	0.0	12.0	10.4	7.0	58.5	10.9	0.1	6.2
13	0.0	10.5	41.7	7.4	70.5	42.5	2.5	0.0	0.0	0.0	4.6	28.1
14	0.0	26.0	23.7	7.5	30.8	0.0	0.0	0.0	7.8	0.0	5.3	0.0
15	0.0	22.0	6.1	0.0	41.0	0.0	0.0	0.0	7.0	0.0	0.2	25.0
16	20.5	7.0	17.4	12.3	0.0	0.0	0.0	12.5	2.0	13.0	8.2	2.0
17	10.0	3.0	12.5	8.0	7.6	2.0	0.0	27.5	10.8	0.0	19.6	6.2
18	0.0	4.0	10.8	0.5	41.1	13.0	0.0	3.0	14.2	0.0	0.0	0.0
19	5.3	11.0	11.6	0.0	1.0	0.0	0.0	7.0	3.0	0.0	0.0	0.3
20	0.0	28.5	2.9	15.0	8.5	1.0	0.0	9.5	33.4	34.0	0.0	33.7
21	0.0	12.5	10.5	0.0	43.2	16.2	0.0	0.0	0.0	19.0	0.0	1.8
22	0.5	5.1	45.0	10.3	12.5	1.5	0.0	9.0	0.0	0.0	0.2	28.6
23	0.0	0.0	4.5	10.0	0.0	0.0	0.0	36.4	0.0	0.0	14.5	4.8
24	9.2	0.0	0.0	0.0	50.0	0.0	0.0	0.0	16.5	14.5	29.0	33.2
25	0.5	8.2	0.0	0.0	34.5	0.0	15.6	10.0	0.0	0.0	9.7	0.0
26	0.0	0.0	0.0	0.0	4.2	30.0	0.0	43.0	0.0	10.0	16.5	0.0
27	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	3.7	1.0
28	40.5	0.0	0.0	0.0	0.0	0.0	4.5	12.0	14.0	20.0	0.6	21.3
29	0.0	0.0	0.0	0.0	3.2	0.0	18.5	0.0	12.0	17.0	0.0	11.6
30	0.0	0.0	34.4	0.0	0.0	0.0	23.8	0.0	0.0	3.0	0.0	0.5
31	10.5	0.0	0.0	0.0	52.0	0.0	3.2	10.0	0.0	2.0	0.0	0.0
Total D.LL.	240.2 15	390.7 21	342.2 18	154.5 13	510.2 19	264.6 15	94.7 8	317.8 18	264.3 19	318.2 19	210.3 20	204.3 15
TOTALES ANUALES								3312.0 m.m		200 Dias 184 hvy		

Estación SANTA ANA

Municipio PALESTINA

Año 1.971

Altitud 1.250

Latitud 5-00 N.

Longitud 75-39 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	11.6	22.0	1.0	11.6	10.9	3.0	0.2	10.3	0.0	0.0	0.0
2	1.7	7.5	0.0	17.2	0.4	0.0	0.0	0.0	0.5	12.3	24.8	0.0
3	29.6	33.0	13.7	21.9	25.0	0.6	0.0	11.2	16.0	6.4	0.0	0.0
4	2.9	26.5	0.2	0.0	13.4	24.3	0.0	39.7	0.2	1.7	1.5	0.0
5	24.2	2.2	0.0	0.1	22.3	20.0	0.0	0.0	0.0	5.4	5.0	0.0
6	12.1	3.4	0.6	4.9	0.0	1.3	0.0	10.3	0.1	12.7	3.7	6.2
7	10.6	2.6	26.8	9.2	35.0	4.0	0.0	11.1	17.3	0.0	10.0	0.0
8	4.8	0.0	2.4	0.0	3.7	2.1	0.0	0.2	11.4	0.0	50.7	0.0
9	9.2	1.5	0.0	0.1	0.5	0.4	0.0	0.0	1.1	22.4	2.0	0.0
10	17.8	18.9	0.8	8.1	0.0	0.3	0.0	2.4	0.3	0.9	0.0	1.7
11	0.0	0.5	13.5	3.1	4.4	5.0	0.2	29.1	3.0	1.0	0.0	0.0
12	29.0	24.6	0.4	8.3	1.1	12.0	8.0	1.4	53.9	13.3	0.0	0.6
13	0.0	0.7	27.5	52.9	12.9	28.5	10.6	2.7	1.6	12.9	4.6	1.4
14	7.5	5.8	35.0	6.0	71.2	0.8	2.3	4.7	17.9	0.0	2.4	9.0
15	19.6	1.3	40.7	1.7	45.6	6.1	4.0	0.0	4.8	0.3	7.9	22.1
16	26.0	34.9	14.6	34.0	0.1	0.3	0.0	5.0	6.9	10.4	25.0	2.7
17	5.7	22.9	25.0	10.8	3.5	7.8	0.2	50.9	0.5	0.2	18.0	1.0
18	2.3	7.2	3.6	2.3	21.2	27.9	0.0	3.3	7.8	1.3	0.0	0.0
19	3.7	0.4	43.3	2.9	2.4	14.7	0.0	22.5	5.1	0.5	0.0	0.0
20	0.2	30.7	18.6	8.6	11.6	5.4	0.0	17.9	7.9	11.5	1.3	17.9
21	2.2	37.3	1.3	0.0	0.3	19.5	1.1	3.0	26.3	30.9	1.5	2.1
22	0.0	6.6	19.9	26.8	17.9	2.8	0.0	0.0	0.0	10.3	7.1	26.0
23	0.0	0.0	7.6	31.5	0.0	7.4	2.5	20.9	4.7	41.9	10.1	7.8
24	2.9	0.9	22.6	0.4	39.2	14.6	0.0	0.8	4.4	1.9	22.1	49.9
25	0.0	15.7	4.2	0.0	18.3	1.8	10.2	28.4	0.0	1.1	12.5	10.0
26	9.5	0.0	0.0	0.0	4.1	6.0	0.2	27.4	11.4	0.8	18.0	10.0
27	0.0	0.0	0.7	38.1	3.8	6.5	0.0	4.2	0.0	0.0	8.7	13.5
28	18.8	0.0	8.7	1.5	0.3	4.5	0.5	9.7	0.0	32.2	1.3	19.0
29	3.4	0.0	0.7	8.1	41.3	1.2	5.4	2.7	18.6	0.3	2.8	0.0
30	0.3	0.0	23.6	0.0	8.0	49.3	6.8	6.1	40.1	25.1	2.7	0.0
31	1.8	0.0	7.5	0.0	16.4	0.0	6.4	2.9	0.0	10.5	0.0	0.0
Total D.LL.	245.8 24	302.7 23	385.5 27	299.5 24	473.5 28	286.0 29	61.4 15	318.7 26	272.1 25	268.2 26	243.8 23	200.9 17
TOTALES ANUALES								3358.1 m.m		287 Dias 184 hvy		

Estación PLANTA DE TRATAMIENTO

Municipio PEREIRA

Año 1.971

Altitud 1.450

Latitud 4-50 N.

Longitud 75-42 W.

DIAS	L L U V I A E N M I L I M E T R O S											
	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	2.9	14.5	0.9	2.7	4.8	29.0	0.0	0.0	11.9	5.5	1.4	0.0
2	1.4	2.1	25.1	53.3	6.5	0.7	9.7	0.0	0.2	18.7	9.8	0.0
3	11.7	5.4	7.9	0.5	36.8	0.0	39.4	9.5	4.1	20.6	0.1	8.0
4	13.1	69.5	0.0	0.0	16.7	12.0	0.0	17.2	1.7	0.0	9.0	0.0
5	3.7	25.6	0.0	0.0	4.1	12.0	0.0	1.1	3.0	6.4	16.2	0.0
6	16.7	0.2	0.8	0.0	0.0	12.9	60.7	2.1	2.9	3.3	5.8	0.0
7	45.6	8.2	12.6	20.7	19.1	18.5	2.7	0.2	8.6	8.6	3.6	9.4
8	5.4	5.8	0.4	3.6	1.0	0.0	2.1	3.4	15.9	0.0	52.0	0.0
9	20.6	35.3	3.3	0.0	8.4	3.8	0.3	2.5	8.5	5.3	5.7	0.0
10	1.1	2.1	0.0	4.6	0.0	1.7	0.5	4.3	32.6	15.3	4.8	0.0
11	5.8	9.1	32.4	1.4	0.8	13.1	1.6	21.9	0.0	25.4	0.0	0.0
12	15.3	64.2	11.3	1.6	9.5	12.0	19.0	3.5	0.0	25.4	0.3	1.9
13	0.6	7.0	33.8	7.0	22.8	57.7	11.6	0.0	20.4	0.9	1.8	0.0
14	2.0	10.6	28.6	31.9	21.4	0.3	6.6	18.3	26.7	2.0	16.7	6.7
15	20.2	0.1	0.0	0.3	39.4	0.1	3.0	0.0	8.3	2.9	1.4	0.0
16	7.8	41.8	28.7	3.1	7.8	0.4	0.0	1.2	24.7	34.3	2.9	0.0
17	8.9	28.5	28.4	28.8	20.8	4.6	0.0	1.7	0.0	4.4	45.3	8.0
18	5.3	33.6	6.2	0.3	7.9	11.4	2.6	3.9	0.8	4.8	0.0	0.0
19	6.5	27.0	12.9	0.3	0.6	0.0	0.0	7.3	1.7	20.8	21.2	0.0
20	0.0	17.7	23.0	11.0	5.1	4.8	0.0	8.4	1.7	0.9	0.8	4.7
21	1.9	9.8	9.6	0.0	1.9	9.4	0.0	0.5	3.1	6.5	3.1	30.3
22	0.0	6.7	19.6	24.2	18.9	5.0	63.2	0.0	0.0	2.1	3.7	19.8
23	0.0	0.1	7.8	3.5	0.0	0.0	0.0	19.8	1.4	2.1	3.0	19.9
24	0.3	1.8	36.5	4.2	1.5	21.8	2.4	0.0	0.0	0.0	36.2	27.1
25	0.0	0.3	47.0	0.0	14.3	3.3	13.2	14.3	1.5	2.9	17.4	0.2
26	24.0	4.0	2.4	0.0	0.0	1.4	1.9	47.0	0.1	0.0	6.2	44.1
27	3.9	15.0	46.3	28.1	71.1	7.0	0.1	5.9	2.1	4.6	2.0	4.9
28	7.9	1.6	9.3	7.1	0.6	1.7	0.0	0.0	19.9	13.0	0.6	8.3
29	1.9		17.6	5.8	5.0	1.9	1.5	0.0	0.0	9.7	2.2	7.3
30	0.0		20.7	13.0	6.7	13.4	0.0	3.6	5.6	47.7	0.0	0.0
31	0.0		18.2		14.4		0.4	2.9		1.2		0.7
Total D.LL.	234.5 25	447.6 28	491.3 27	257.0 23	367.9 27	259.9 26	242.5 20	200.5 23	207.4 24	295.3 27	272.2 27	201.3 16
TOTALES ANUALES								3477.4	m.m	293	Días lluv	

Estación GALL INAZO

Municipio MANIZALES

Año 1.971

Altitud 2.350

Latitud

Longitud

DIAS	L L U V I A E N M I L I M E T R O S											
	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	9.7	3.2	23.4	12.2	8.2	0.2	0.7	6.3				
2	1.2	0.0	8.0	12.8	13.5	0.0	1.8	0.0				
3	0.1	14.2	12.1	8.1	10.5	0.1	0.2	3.2				
4	1.5	45.3	0.4	0.0	7.3	1.1	0.3	10.7				
5	22.8	0.0	16.1	0.0	3.9	9.6	3.8	1.4				
6	30.7	5.7	44.2	0.0	0.6	3.8	0.5	0.0				
7	10.5	8.4	0.0	4.6	8.1	4.1	0.6	0.0				
8	14.8	0.3	23.6	0.0	20.7	0.0	0.0	0.5				
9	21.5	15.1	13.6	9.2	0.1	0.0	0.2	0.4				
10	0.0	8.4	1.4	0.0	2.8	0.0	0.7	0.2				
11	3.6	0.6	25.9	4.4	0.0	0.3	0.6	0.2				
12	0.8	26.2	5.3	0.3	1.3	23.2	3.0	4.1				
13	0.0	0.0	5.6	2.6	0.8	4.3	1.2	0.0				
14	5.1	19.9	2.8	16.3	8.1	2.0	2.5	12.0				
15	7.1	22.1	0.1	1.2	9.9	0.2	1.6	6.8				
16	6.9	13.6	11.1	10.8	7.7	0.1	0.0	9.2				
17	13.6	3.5	0.0	4.4	1.6	0.0	0.0	2.4				
18	5.7	13.8	6.4	8.6	34.6	1.6	0.0	4.4				
19	19.3	6.1	1.9	9.7	8.1	0.0	0.0	0.0				
20	1.2	0.0	10.3	10.6	12.2	14.1	0.0	3.0				
21	0.0	0.0	22.9	0.8	17.8	4.9	1.1	4.1				
22	0.0	3.7	12.9	3.8	18.5	1.7	1.6	0.2				
23	0.0	0.0	18.3	2.1	0.0	0.2	0.0	15.3				
24	0.6	0.0	10.6	0.4	7.4	0.4	0.0	6.1				
25	6.6	0.0	6.1	0.0	20.1	3.5	2.4	11.8				
26	0.2	0.6	0.5	14.1	0.0	0.8	0.6	17.6				
27	14.7	0.8	2.4	3.8	2.6	10.5	0.4	20.0				
28	13.5	0.0	8.7	11.1	0.2	10.6	0.0	0.0				
29	7.9		4.5	8.3	0.0	0.3	0.6	0.0				
30	0.7		21.5	0.4	12.4	1.5	0.0	0.0				
31	21.5		16.5		2.6		0.6	0.0				
Total D.LL.	241.8 26	211.5 19	337.1 29	160.6 24	241.6 27	99.1 24	25.0 21	139.9 22				
TOTALES ANUALES									m.m		Días lluv	

Estación LA SUIZA

Municipio LA VIRGINIA

Año 1.971

Altitud 970

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	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1							9.7	0.8	7.5	12.8	0.2	0.0
2							5.0	0.0	0.4	18.6	16.9	0.0
3							33.7	7.3	2.4	11.1	0.6	0.0
4						28.0	3.2	20.7	0.1	3.0	2.9	0.0
5						6.7	0.0	0.0	8.8	1.5	9.4	0.0
6						5.9	0.0	1.5	0.7	6.5	0.6	0.0
7						4.3	0.0	0.6	9.0	0.6	0.8	0.0
8						0.0	0.0	1.2	17.7	0.0	34.8	15.2
9						3.9	0.0	0.0	0.0	6.4	3.6	0.0
10						0.7	0.1	0.7	0.4	14.2	0.0	11.0
11						2.5	0.1	10.4	0.0	1.2	0.0	0.0
12						14.9	13.6	0.0	23.5	14.6	0.6	0.0
13						2.8	23.1	0.0	0.2	11.8	0.0	0.0
14						24.2	0.3	1.7	1.4	1.7	4.4	0.0
15						8.1	0.3	0.2	8.5	0.0	0.0	0.0
16						4.9	0.0	0.0	5.3	3.9	3.2	0.0
17						3.0	3.0	31.7	0.0	0.2	12.2	0.0
18						25.7	0.0	22.3	0.7	8.0	0.0	0.0
19						32.4	0.0	16.3	0.2	0.4	0.0	0.0
20						4.5	0.0	0.9	14.1	0.5	6.6	0.0
21						32.2	0.3	7.9	14.6	13.6	2.5	0.0
22						4.6	0.0	0.0	0.0	0.9	0.0	12.3
23						1.4	0.4	26.2	1.8	39.0	0.5	19.5
24						0.9	0.0	0.3	0.0	1.5	11.8	20.1
25						6.5	9.8	16.4	0.0	7.8	4.5	2.2
26						0.8	3.2	19.0	7.5	0.0	4.6	8.8
27						1.2	14.2	1.7	0.0	0.2	7.6	0.8
28						0.0	0.0	0.0	0.0	5.8	0.8	8.1
29						2.6	1.1	0.0	1.6	3.6	0.3	3.0
30						2.7	0.0	1.1	8.1	7.1	0.0	0.0
31							0.0	5.5		7.5		0.0
Total							121.1	194.4	134.5	204.0	129.4	101.0
D.LL.							17	22	22	28	22	10
TOTALES ANUALES											m.m	Dias
												Huv

Estación SANTIAGO GUTIERREZ

Municipio ARGELIA

Año 1.971

Altitud 1.550

Latitud 4-43 N.

Longitud 76-10 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1								6.9	2.5	0.5	0.0	0.6
2								0.0	6.8	0.1	8.1	0.0
3								5.3	2.3	8.6	26.3	0.0
4								13.1	3.5	12.8	1.5	0.0
5								0.0	0.0	0.4	0.2	0.1
6								0.3	0.0	4.6	0.9	0.0
7								0.0	3.4	5.5	0.1	0.0
8								1.1	8.8	0.0	26.6	5.5
9								0.0	1.7	2.9	7.8	0.0
10								0.0	1.7	11.7	0.0	0.0
11								1.6	0.0	16.0	0.0	0.0
12								0.0	25.3	12.3	1.3	0.0
13								0.0	0.0	2.2	0.5	0.5
14								3.5	1.3	6.2	1.2	0.0
15								7.8	4.0	7.6	4.9	0.0
16								6.3	13.8	0.8	10.6	1.5
17								14.8	0.7	10.2	9.7	0.0
18								12.6	0.1	17.8	30.9	0.0
19								0.1	4.7	2.3	0.3	0.0
20								1.9	1.1	0.0	15.9	0.0
21								4.1	10.6	0.9	3.1	14.0
22								0.4	4.5	10.1	1.1	7.5
23								17.5	10.5	0.0	0.5	1.4
24								0.0	0.0	9.4	9.4	10.7
25								7.6	4.5	10.3	1.5	0.7
26								3.7	8.2	0.2	0.8	5.0
27								53.4	0.0	1.7	9.0	6.9
28								0.0	0.0	0.0	0.9	1.3
29								6.9	0.0	0.8	9.3	18.3
30								0.0	0.2	2.3	1.9	0.6
31								0.0	0.0	21.3		2.4
Total								162.2	133.7	188.0	175.0	77.0
D.LL.								20	23	27	26	16
TOTALES ANUALES											m.m	Dias
												Huv

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

Estación **EL CARMEN**

Municipio **SONSON**

Año **1.971**

Altitud **2.250 metros**

Latitud **5-42 N.**

Longitud **75-18 W.**

DIAS	ENERO	FEB.	MAR.	ABRIL ₅	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	16.5	0.0	0.0	11.5	0.0	0.0	4.7	0.0	0.0	4.5	0.0	
2	4.0	10.6	13.0	13.7	4.4	3.5	0.0	0.0	6.5	5.2	6.3	0.0	
3	5.6	30.4	0.0	14.0	14.5	0.0	0.0	15.6	19.0	0.0	0.0	0.0	
4	15.4	92.2	0.0	0.0	0.0	3.8	0.0	0.0	0.0	15.6	0.0	0.0	
5	8.2	71.5	0.0	0.0	0.0	8.4	0.0	25.3	0.0	0.0	0.0	0.0	
6	26.7	10.4	0.0	3.5	0.0	0.0	0.0	22.7	25.3	0.0	15.2	0.0	
7	4.5	2.5	0.0	21.6	38.7	0.0	0.0	60.7	0.0	18.2	6.4	0.0	
8	68.7	0.0	2.5	0.0	0.0	0.0	0.0	32.0	0.0	19.0	0.0	0.0	
9	9.7	13.2	0.0	15.4	52.3	0.0	0.0	26.4	18.2	7.2	6.3	0.0	
10	20.6	2.5	24.7	18.4	0.0	0.0	0.0	0.0	23.9	0.0	0.0	11.4	
11	9.5	0.0	0.0	45.2	0.0	3.2	0.0	0.0	15.4	0.0	0.0	0.0	
12	23.0	1.5	49.5	0.0	3.2	0.0	25.2	42.8	8.0	0.0	7.3	0.0	
13	0.0	25.4	80.0	1.5	58.5	0.0	7.2	0.0	0.0	0.0	0.0	0.0	
14	3.9	14.5	7.6	12.0	20.7	0.0	5.4	45.6	0.0	0.0	31.4	0.0	
15	7.1	12.7	51.2	9.3	41.0	0.0	0.0	23.6	10.5	15.4	0.0	0.0	
16	78.7	2.3	0.0	5.5	12.6	0.0	0.0	0.0	13.6	7.6	18.5	0.0	
17	1.5	18.6	53.0	15.2	23.4	0.0	0.0	0.0	4.8	0.0	0.0	0.0	
18	5.0	26.9	150.7	18.3	2.5	0.0	0.0	16.7	6.3	18.4	21.0	0.0	
19	8.5	58.2	0.0	0.0	27.3	0.0	0.0	2.5	35.2	0.0	0.0	4.5	
20	18.3	42.9	0.0	51.0	10.6	0.0	0.0	0.0	18.6	0.0	38.8	0.0	
21	0.0	10.0	23.4	0.0	62.4	0.0	0.0	5.4	24.5	3.6	3.7	0.0	
22	0.0	0.0	62.0	57.0	0.0	0.0	0.0	13.6	3.4	5.2	0.0	2.0	
23	4.2	0.0	58.3	0.0	34.6	0.0	0.0	39.5	0.0	0.0	0.0	16.7	
24	0.0	0.0	10.2	0.0	3.2	10.0	0.0	27.3	27.0	22.6	15.8	4.5	
25	0.0	0.0	6.6	0.0	111.8	0.0	4.2	5.5	5.6	14.3	0.0	0.0	
26	10.5	0.0	1.5	0.0	0.0	25.3	0.0	0.0	15.6	6.2	4.6	5.2	
27	6.2	0.0	0.0	0.0	0.0	20.0	0.0	7.2	22.3	16.5	12.2	0.0	
28	0.0	0.0	7.7	0.0	12.6	0.0	10.5	44.1	41.0	0.0	26.5	0.0	
29	0.0	0.0	4.4	0.0	52.3	0.0	0.0	33.6	21.3	23.6	0.0	3.8	
30	1.5	0.0	41.8	37.0	18.1	0.0	0.0	27.3	0.0	28.4	30.0	0.0	
31	2.3	0.0	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	343.6	462.8	670.4	338.6	616.2	74.2	52.5	502.1	366.0	217.0	248.5	48.1	
D.LI.	23	19	19	16	21	7	5	21	21	16	16	7	
TOTALES ANUALES								3940.0 m.m		191			Dias llov

Estación **LA NACIONAL**

Municipio **TAMESIS**

Año **1.971**

Altitud **1.190 metros**

Latitud **5-40 N.**

Longitud **75-44 W.**

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	14.0	0.0	0.0	36.0	0.0		13.0			3.5		
2	0.0	1.0	13.5	34.0	0.0		0.0			0.0		
3	14.0	50.0	12.0	0.0	16.0		3.0			0.0		
4	11.0	27.0	0.0	0.0	28.0		3.0			5.0		
5	7.5	3.0	0.0	0.0	0.0		0.0			7.0		
6	19.5	1.0	4.0	10.0	0.0		2.5			7.5		
7	43.5	2.0	18.0	30.0	26.0		0.0			0.0		
8	42.0	3.0	0.0	0.0	0.0		0.0			0.0		
9	0.0	0.0	0.0	0.0	0.0		0.0			16.5		
10	1.0	3.0	4.0	10.0	16.0		0.0			0.5		
11	0.0	0.0	49.0	4.0	0.0		10.0			1.0		
12	5.0	0.0	0.0	10.0	25.0		41.0			0.5		
13	0.0	0.0	8.0	0.0	15.0		17.0			3.3		
14	0.0	0.0	0.0	22.0	10.0		0.0			0.0		
15	0.0	16.0	13.0	29.0	37.5		0.0			0.0		
16	11.0	11.0	0.0	16.0	3.0		0.0			0.0		
17	1.0	30.0	34.5	33.0	1.0		0.0			8.0		
18	0.0	20.0	57.0	5.0	1.0		0.0			11.0		
19	0.0	32.0	50.0	0.0	2.5		0.0			1.0		
20	0.0	9.0	49.0	5.0	9.5		0.0			11.0		
21	0.0	27.0	20.0	0.0	7.0		0.0			0.0		
22	0.0	1.0	0.0	60.0	17.5		0.0			0.0		
23	6.0	0.0	0.0	0.0	8.0		0.0			35.5		
24	0.0	0.0	4.0	24.0	8.0		0.0			0.0		
25	0.0	0.0	0.0	0.0	28.5		37.0			0.0		
26	8.0	0.0	50.0	5.5	5.0		0.0			2.0		
27	9.0	0.0	34.0	9.0	4.0		0.0			0.0		
28	0.0	0.0	0.0	10.0	0.0		28.0			19.0		
29	37.0	0.0	6.0	7.0	13.0		0.0			3.0		
30	0.0	0.0	34.0	50.0	9.5		0.0			15.0		
31	1.0	0.0	34.0	0.0	15.0		0.0			0.0		
Total	282.5	236.0	494.0	409.5	306.0		154.5			150.3		
D.LI.	16	16	19	20	23		9			18		
TOTALES ANUALES								m.m		Dias llov		

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

Estación **GUALANDAY**

Municipio **FREDONIA**

Año **1.971**

Altitud **1.420 metros**

Latitud **5-58 N.**

Longitud **75-40 W.**

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.		
1	2.2	7.4	0.0	28.1	17.4	0.0	9.3	0.0	27.4	22.3	15.4	13.0		
2	6.0	8.0	0.0	39.5	9.4	0.0	39.1	27.0	11.0	35.2	32.0	0.0		
3	0.0	16.2	0.0	25.3	13.4	0.0	17.2	35.3	26.4	17.2	0.0	0.0		
4	14.2	16.4	0.0	12.4	16.1	11.0	16.0	19.1	65.4	11.4	14.0	25.2		
5	20.6	0.0	2.3	0.0	11.4	11.2	11.4	0.0	18.2	42.2	18.1	0.0		
6	10.1	0.0	0.0	0.0	0.0	9.0	0.0	0.0	33.0	27.4	0.0	0.0		
7	11.2	0.0	27.4	0.0	0.0	37.4	0.0	25.4	13.1	42.1	23.1	0.0		
8	13.8	12.1	11.4	0.0	0.0	0.0	0.0	31.0	21.3	19.3	11.0	0.0		
9	18.3	0.0	0.0	0.0	29.1	0.0	31.2	19.0	27.2	25.1	0.0	0.0		
10	4.0	0.0	0.0	0.0	10.2	9.4	0.0	25.2	11.4	12.3	14.1	0.0		
11	18.6	0.0	20.0	0.0	35.3	29.4	27.4	38.1	23.2	39.1	0.0	0.0		
12	10.5	7.2	0.0	0.0	42.1	14.1	0.0	38.0	9.1	16.1	16.0	0.0		
13	0.0	23.1	6.0	0.0	14.1	0.0	16.2	17.3	37.3	10.4	32.1	6.1		
14	3.0	17.4	0.0	0.0	9.4	0.0	10.1	12.3	19.1	35.3	0.0	0.0		
15	0.0	2.0	11.2	0.0	0.0	0.0	0.0	21.1	13.4	13.1	0.0	0.0		
16	0.0	11.4	23.1	0.0	0.0	25.4	0.0	19.4	33.1	14.4	20.0	0.0		
17	21.2	19.3	17.3	0.0	0.0	11.0	0.0	31.2	48.3	34.1	12.2	4.4		
18	13.4	0.0	9.4	0.0	0.0	28.3	0.0	0.0	25.0	16.1	23.8	0.0		
19	9.1	29.1	23.1	0.0	19.1	0.0	0.0	17.2	19.1	0.6	0.0	5.2		
20	16.0	0.0	15.2	0.0	32.0	12.3	0.0	23.1	0.0	0.0	0.0	0.0		
21	0.0	0.0	23.1	0.0	39.4	0.0	0.0	15.4	12.4	33.5	8.1	12.1		
22	0.0	0.0	29.4	0.0	0.0	0.0	0.0	34.1	16.1	19.2	0.0	9.0		
23	0.0	0.0	10.3	0.0	17.2	0.0	0.0	21.1	29.3	0.0	10.3	10.3		
24	0.0	0.0	18.0	7.4	11.3	23.2	0.0	10.3	37.4	16.1	0.0	0.0		
25	0.0	0.0	11.2	16.1	0.0	27.4	0.0	0.0	29.2	0.0	0.0	0.0		
26	0.0	0.0	24.1	11.0	15.4	19.2	13.4	37.1	27.1	0.0	0.0	33.3		
27	0.0	0.0	31.0	13.4	43.3	30.0	0.0	42.8	17.0	20.4	7.1	22.1		
28	5.1	0.0	44.2	0.0	16.1	15.4	0.0	0.0	35.4	11.3	23.4	9.4		
29	0.0	0.0	20.2	19.0	32.8	38.2	0.0	0.0	17.0	19.1	13.1	0.0		
30	0.0	0.0	5.4	0.0	46.3	15.0	6.1	0.0	13.2	35.5	19.4	13.1		
31	0.0	0.0	22.7	0.0	0.0	0.0	0.0	5.1	28.1	28.1	9.4	9.4		
Total	197.3	161.6	406.0	172.2	480.8	366.9	197.4	582.7	716.1	616.9	313.2	172.6		
D.LI.	17	11	22	9	21	18	11	24	29	27	18	13		
TOTALES ANUALES							4383.7 m.m					220		Días lluv

Estación **JONAS**

Municipio **FREDONIA**

Año **1.971**

Altitud **1.300 metros**

Latitud **5-59 N.**

Longitud **75-42 W.**

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.		
1	8.0	0.0	0.0	5.0	23.5	20.0	10.0	25.0	12.0	3.0	23.0	0.0		
2	12.0	0.0	4.5	0.0	4.0	8.0	23.5	5.0	0.0	0.0	12.0	0.0		
3	30.0	17.5	0.0	0.0	7.5	0.1	0.0	0.0	20.0	23.5	16.3	30.1		
4	0.0	8.5	0.0	0.0	10.0	20.0	3.0	10.0	30.0	41.0	28.0	0.0		
5	1.5	5.1	0.0	0.0	13.5	5.0	5.0	20.0	20.0	21.0	2.0	0.0		
6	13.0	0.0	2.5	0.0	0.5	23.0	0.0	0.0	11.0	5.0	6.0	0.0		
7	26.0	13.0	0.0	0.0	35.0	2.0	0.0	3.0	40.0	11.0	5.0	0.0		
8	14.0	3.0	1.0	30.0	10.5	0.0	0.0	15.0	11.0	2.0	5.0	0.0		
9	0.0	2.0	0.0	0.0	63.5	0.0	2.0	27.0	28.0	5.0	0.0	0.0		
10	0.0	13.0	0.0	0.0	3.5	0.0	4.0	18.0	0.0	14.0	0.0	2.0		
11	2.5	0.0	22.0	0.0	0.0	25.0	5.0	26.0	0.0	0.0	0.0	0.0		
12	14.0	0.0	0.0	0.0	43.3	0.0	20.0	0.0	18.3	4.0	11.0	0.0		
13	0.0	8.5	19.0	0.0	25.5	0.0	0.0	35.0	0.0	4.0	20.0	0.0		
14	0.0	2.5	0.0	0.0	8.0	0.0	3.0	0.0	10.5	5.0	0.0	11.4		
15	0.0	6.6	0.0	0.0	5.0	20.0	5.0	5.0	10.0	8.0	0.0	2.0		
16	23.0	4.0	12.0	0.0	0.5	0.0	5.0	25.0	20.0	0.0	6.4	5.0		
17	14.5	1.5	22.5	0.0	0.0	25.0	24.0	25.0	24.0	12.0	30.0	9.0		
18	0.0	8.0	11.0	1.0	1.0	27.0	0.0	10.0	0.0	0.0	13.0	0.0		
19	6.5	17.0	19.0	0.0	0.0	25.0	0.0	20.0	28.0	3.0	0.0	0.0		
20	0.0	7.5	20.0	43.2	0.0	6.0	5.0	0.0	2.0	21.0	0.0	1.0		
21	4.0	6.0	0.0	11.5	0.0	19.0	0.0	10.0	5.0	0.0	1.0	21.0		
22	5.0	0.0	11.0	12.0	2.0	0.0	0.0	20.0	4.0	29.0	0.0	3.0		
23	0.0	9.5	8.5	11.5	2.5	0.0	0.0	16.0	24.0	0.5	0.0	5.0		
24	0.0	0.0	12.0	0.0	11.5	0.0	4.0	2.0	0.0	0.0	0.0	20.0		
25	12.0	2.0	10.2	0.0	27.5	23.0	5.0	12.0	0.0	0.0	0.0	7.0		
26	0.0	2.5	16.0	1.5	0.0	10.0	0.0	28.0	0.0	0.0	2.0	16.0		
27	2.0	0.0	15.0	0.0	2.0	0.0	0.0	17.0	0.0	10.0	2.0	12.0		
28	8.0	0.0	10.0	1.0	13.0	34.0	35.2	0.0	14.0	16.0	11.5	30.0		
29	5.0	0.0	0.0	3.5	0.0	15.0	0.0	0.0	19.0	0.0	0.0	0.0		
30	7.0	0.0	0.0	1.5	0.0	19.0	25.0	0.0	14.5	25.0	1.3	0.0		
31	0.0	0.0	24.0	30.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0		
Total	208.0	137.7	240.2	111.7	343.3	326.1	180.7	374.0	365.3	273.0	195.5	174.5		
D.LI.	19	19	18	11	23	19	17	22	21	22	18	15		
TOTALES ANUALES							2930.0 m.m					224		Días lluv

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

Estación **GUAYMARAL**

Municipio **AGUADAS**

Año **1.971**

Altitud **1.450 metros**

Latitud **5-37 N.**

Longitud **75-27 W.**

DÍAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	18.0	4.0	18.0	0.0	9.0	0.0	6.0	10.0	28.0	0.0	
2	16.0	0.0	12.0	13.0	5.0	0.0	12.0	0.0	5.0	0.0	41.0	0.0	
3	25.0	16.0	10.0	59.0	12.0	0.0	10.0	12.0	13.0	10.0	20.0	0.0	
4	0.0	28.0	0.0	0.0	3.0	6.0	14.0	33.0	0.0	17.0	0.0	0.0	
5	27.0	18.0	10.0	0.0	7.0	4.0	3.0	0.0	5.0	4.0	28.0	0.0	
6	49.5	19.0	8.0	19.0	0.0	0.0	0.0	5.0	23.0	21.0	10.0	0.0	
7	56.0	0.0	6.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	27.0	0.0	
8	3.0	2.0	7.0	0.0	0.0	0.0	0.0	0.0	56.0	0.0	13.0	0.0	
9	0.0	0.0	5.0	0.0	16.0	0.0	0.0	5.0	21.0	0.0	0.0	0.0	
10	14.0	3.0	3.0	0.0	0.0	0.0	0.0	10.0	18.0	2.0	0.0	0.0	
11	3.0	1.0	18.0	0.0	0.0	22.0	8.0	5.0	0.0	3.0	10.0	0.0	
12	43.0	3.0	6.0	10.0	2.0	16.0	1.0	0.0	0.0	4.0	0.0	0.0	
13	3.0	0.0	0.0	9.0	7.0	21.0	6.0	0.0	3.0	0.0	4.0	0.0	
14	59.0	0.0	11.0	0.0	20.0	4.0	3.0	13.0	10.0	3.0	2.0	7.0	
15	12.0	4.0	6.0	0.0	13.0	0.0	0.0	0.0	23.0	5.0	7.0	0.0	
16	9.0	2.0	10.0	0.0	0.0	0.0	0.0	22.0	33.0	20.0	0.0	0.0	
17	3.0	35.0	23.0	0.0	0.0	4.0	0.0	15.0	15.0	29.0	25.0	0.0	
18	0.0	2.0	44.0	0.0	10.0	0.0	0.0	10.0	2.0	2.0	0.0	0.0	
19	11.0	22.0	14.5	7.0	0.0	0.0	0.0	28.0	25.0	2.0	0.0	0.0	
20	0.0	0.0	27.0	16.0	22.0	0.0	0.0	5.0	0.0	18.0	0.0	30.0	
21	0.0	0.0	5.0	16.0	5.0	13.0	0.0	25.0	0.0	0.0	0.0	0.0	
22	0.0	18.0	34.0	19.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	7.0	
23	0.0	0.0	22.0	9.0	6.0	0.0	0.0	13.0	10.0	14.0	0.0	17.0	
24	0.0	0.0	16.0	0.0	2.0	0.0	0.0	13.0	2.0	0.0	0.0	0.0	
25	0.0	0.0	4.0	0.0	27.0	3.5	29.0	21.0	0.0	24.0	7.0	0.0	
26	0.0	4.0	6.0	13.0	0.0	6.0	0.0	41.0	0.0	0.0	19.0	0.0	
27	0.0	2.0	9.5	0.0	0.0	32.0	6.0	14.0	0.0	0.0	6.0	17.0	
28	0.0	0.0	18.0	24.0	0.0	12.0	2.0	0.0	10.0	17.0	4.0	0.0	
29	0.0	0.0	13.0	2.0	21.0	3.0	3.0	0.0	7.0	0.0	0.0	4.0	
30	0.0	0.0	22.0	11.0	10.0	22.0	2.0	0.0	2.0	21.0	0.0	2.0	
31	0.0	0.0	29.0	15.0	15.0	0.0	0.0	18.0	0.0	15.0	0.0	0.0	
Total	333.5	179.0	417.0	246.0	224.0	180.5	117.0	318.0	299.0	241.0	251.0	84.0	
D.LI.	15	16	29	16	20	16	14	20	21	20	16	7	
TOTALES ANUALES						2890.0 m.m			210			Días	lluv

Estación **LA PLAYA**

Municipio **PENSILVANIA**

Año **1.971**

Altitud **1.640 metros**

Latitud **5-31 N.**

Longitud **75-03 W.**

DÍAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	6.0	0.0	5.5	23.5	0.0	0.0	0.0	6.5	1.0	29.0	9.0	
2	2.5	3.5	0.0	0.0	16.5	0.0	2.0	0.0	0.0	27.5	2.0	0.0	
3	6.0	10.0	28.0	10.0	20.0	0.0	20.0	0.0	13.0	23.5	0.0	0.0	
4	8.0	31.0	0.0	17.0	0.0	0.0	4.0	2.0	0.0	18.5	3.0	0.3	
5	13.0	37.0	0.0	9.0	30.5	9.0	0.0	0.0	10.5	18.0	5.0	0.0	
6	11.0	0.0	5.5	9.5	0.0	0.0	2.0	3.0	0.0	18.0	0.0	0.0	
7	20.0	9.5	6.5	4.0	22.0	4.0	0.0	0.0	23.0	0.0	36.0	0.0	
8	5.5	0.0	4.0	4.5	30.0	0.0	0.0	0.0	3.0	0.0	10.0	0.0	
9	18.0	0.0	1.5	25.5	43.0	0.0	0.0	0.0	4.5	6.0	0.0	0.0	
10	16.0	0.0	2.0	6.5	30.0	0.0	0.0	0.0	0.0	23.5	0.0	16.0	
11	21.0	6.5	50.0	24.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	
12	22.0	20.0	0.0	14.0	0.0	17.5	3.5	23.5	23.5	9.5	0.0	0.0	
13	30.0	22.0	23.0	22.5	30.0	13.5	0.0	30.5	0.0	6.5	38.0	0.0	
14	31.0	12.0	20.5	26.5	27.0	0.0	0.0	26.0	9.0	0.0	5.0	0.0	
15	0.0	10.0	0.0	30.0	7.0	0.0	0.0	55.5	0.0	17.0	0.0	29.5	
16	30.0	9.0	40.5	13.5	27.0	0.0	0.0	49.0	0.0	11.0	7.5	10.0	
17	18.0	28.5	34.0	19.0	23.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	
18	8.0	22.0	32.5	17.0	13.0	3.0	0.0	32.0	11.0	38.5	44.5	2.5	
19	54.5	26.0	10.0	12.5	2.5	0.0	0.0	0.0	31.5	8.5	2.0	15.5	
20	4.0	9.0	8.0	58.7	17.0	8.5	0.0	2.0	0.0	22.5	3.0	22.5	
21	4.0	6.0	9.5	12.0	32.5	0.0	0.0	41.5	0.0	0.0	0.0	0.0	
22	4.0	0.0	30.0	15.0	32.5	0.0	2.0	19.5	0.0	9.5	0.0	14.0	
23	4.0	0.0	29.5	21.5	0.0	22.5	0.0	10.0	0.0	9.0	10.0	8.5	
24	5.0	0.0	17.0	16.0	18.0	0.0	12.0	19.0	0.0	4.5	9.5	50.0	
25	7.0	0.0	32.5	13.5	30.0	0.0	15.0	13.5	22.5	32.0	4.5	0.0	
26	13.0	0.0	0.0	21.5	0.0	0.0	10.5	0.0	2.0	10.0	12.5	28.5	
27	3.0	0.0	0.0	26.0	3.0	29.0	8.5	2.0	17.5	4.5	10.5	28.5	
28	2.5	0.0	50.0	10.0	16.0	11.0	0.0	0.0	17.0	19.5	11.0	27.5	
29	7.5	0.0	15.0	0.0	2.0	0.0	15.0	0.0	22.5	13.0	0.0	0.0	
30	7.5	0.0	0.0	14.0	0.0	2.0	0.0	0.0	23.0	23.0	0.0	2.5	
31	8.5	7.0	7.0	0.0	0.0	0.0	0.0	38.5	4.0	4.0	0.0	6.0	
Total	384.5	268.0	456.5	468.7	496.0	120.0	96.5	380.5	265.5	378.5	243.0	264.3	
D.LI.	29	17	22	28	23	10	12	16	16	25	18	16	
TOTALES ANUALES						3822.0 m.m			232			Días	lluv

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

Estación LA MARINA

Municipio PENNSILVANIA

Año 1.971

Altitud 1.570 metros

Latitud 5-32 N.

Longitud 75-02 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	21.0	7.0	4.0	25.0	0.0	0.0	0.0	5.0	2.0	16.0	2.0	
2	0.0	79.0	0.0	7.5	4.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
3	22.5	61.0	30.5	3.6	28.0	0.0	15.5	1.0	14.0	0.0	0.0	0.0	
4	11.0	12.0	0.0	0.0	25.0	2.0	0.0	45.5	0.0	13.0	21.0	0.0	
5	0.0	50.0	0.0	11.0	11.5	22.0	0.0	0.0	0.0	18.0	0.0	0.0	
6	21.0	2.5	0.0	2.0	0.0	6.5	0.0	0.0	0.0	25.5	0.0	0.0	
7	15.5	1.0	19.0	2.5	9.0	0.0	0.0	3.0	12.0	0.0	0.0	0.0	
8	9.0	6.5	6.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	28.0	0.0	
9	2.0	0.0	0.0	1.0	29.0	0.0	0.0	0.0	8.0	9.0	0.0	5.0	
10	2.0	2.5	11.0	2.0	22.0	0.0	0.0	0.0	0.0	18.0	0.0	20.0	
11	3.5	0.0	51.0	29.5	0.0	12.0	1.5	15.5	0.0	15.0	0.0	0.0	
12	11.0	66.0	0.0	0.0	5.0	28.0	28.5	0.0	31.5	8.0	0.0	0.0	
13	5.5	2.0	16.0	0.0	9.5	0.0	4.0	10.0	0.0	21.0	2.0	8.0	
14	18.0	17.0	18.0	19.5	3.0	2.0	0.0	3.5	8.5	16.0	20.0	0.0	
15	45.0	22.5	0.0	0.0	11.0	0.0	0.0	0.0	2.0	10.0	0.0	66.0	
16	3.0	0.0	13.0	0.0	9.0	0.0	0.0	12.0	10.5	0.0	0.0	0.0	
17	3.5	17.0	17.0	24.0	11.0	0.0	0.0	45.0	0.0	11.0	21.0	0.0	
18	16.0	29.0	16.0	7.0	22.0	6.0	0.0	69.0	18.5	18.0	16.0	23.5	
19	13.5	17.5	21.5	0.0	11.0	0.0	0.0	0.0	3.0	30.0	12.5	11.0	
20	2.0	3.0	2.0	9.0	15.0	0.0	0.0	2.0	11.0	13.5	0.0	7.0	
21	0.0	8.5	0.0	0.0	2.0	17.0	0.0	25.0	0.0	8.0	5.0	8.0	
22	9.0	0.0	90.5	10.5	16.5	0.0	0.0	4.0	0.0	5.0	0.0	6.0	
23	11.5	0.0	49.0	0.0	0.0	0.0	0.0	19.5	6.0	11.0	8.0	8.0	
24	12.0	0.0	32.5	0.0	11.0	0.0	0.0	1.0	0.0	14.0	0.0	6.0	
25	0.0	0.0	38.5	0.0	28.0	0.0	23.5	24.5	30.0	60.0	13.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	2.0	20.0	0.0	13.5	48.5	30.0	
27	0.0	0.0	0.0	0.0	5.0	3.0	2.0	0.0	16.0	17.0	17.0	41.0	
28	6.5	0.0	33.0	4.5	3.0	2.0	6.0	0.0	17.5	26.0	0.0	27.0	
29	81.5	0.0	0.0	5.5	4.0	0.0	8.0	0.0	28.0	9.0	0.0	11.0	
30	11.0	7.5	7.5	8.0	0.0	1.5	0.0	0.0	30.0	29.0	0.0	3.5	
31	14.0	1.0	1.0	8.0	0.0	0.0	0.0	55.0	19.0	19.0	20.0	20.0	
Total	351.5	418.0	480.0	191.6	330.0	102.0	91.0	355.5	251.5	450.5	228.0	303.0	
D.LI.	24	18	20	17	25	11	9	17	17	27	13	18	
TOTALES ANUALES							3552.6 m.m			216			Días lluv

Estación LA MANUELITA

Municipio RIO SUCIO

Año 1.971

Altitud 1.350 metros

Latitud 5-23 N.

Longitud 75-40 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	4.0	24.1	2.1		0.0	0.0	42.5			0.0	24.4	0.0
2	3.0	0.0	3.1		0.0	0.0	30.7			4.0	0.0	0.0
3	3.0	28.2	21.0		0.0	2.1	28.0			0.0	0.0	2.0
4	14.0	8.5	13.0		0.0	0.0	0.0			0.0	0.0	0.0
5	6.5	5.6	11.0		40.2	46.7	20.7			5.3	0.0	0.0
6	7.0	0.0	26.0		0.3	0.0	4.3			0.0	0.0	0.0
7	38.0	3.6	26.3		0.0	0.0	1.0			16.0	0.0	21.4
8	2.0	8.1	32.0		0.0	0.0	0.0			0.0	0.0	0.0
9	0.0	3.7	0.0		0.0	0.0	0.0			0.0	0.0	0.0
10	24.0	0.0	8.2		0.0	0.0	0.0			0.0	0.0	0.0
11	0.0	0.0	28.3		36.4	37.0	0.0			0.0	0.0	0.0
12	14.0	1.0	7.0		0.0	0.0	22.0			0.0	0.0	0.0
13	2.0	0.0	10.2		0.0	0.0	12.3			0.0	0.0	0.0
14	0.0	28.6	11.1		0.0	0.0	0.0			0.0	0.0	0.0
15	38.0	0.0	12.0		0.0	0.0	0.0			0.0	0.0	0.0
16	14.0	8.1	20.2		0.0	0.0	0.0			0.0	6.0	1.0
17	8.0	16.3	7.2		3.2	3.0	0.0			0.0	16.0	16.0
18	12.0	24.8	8.3		0.0	0.0	0.0			0.0	2.0	0.0
19	3.0	0.0	3.3		17.0	17.3	0.0			0.0	0.0	0.0
20	0.0	0.0	0.0		30.1	30.4	0.0			10.2	2.0	0.0
21	0.0	0.0	5.2		0.0	0.0	0.0			8.0	4.0	2.0
22	0.0	4.0	8.2		0.0	12.2	0.0			0.0	1.7	0.0
23	5.3	3.0	9.2		17.0	0.0	0.0			0.0	4.0	12.0
24	0.0	6.3	10.2		0.0	0.0	0.0			0.0	14.0	0.0
25	0.0	0.0	13.2		36.7	36.5	0.0			0.0	0.0	8.0
26	4.5	0.0	15.2		13.6	34.2	0.0			14.0	3.0	0.0
27	0.0	0.0	3.0		8.0	8.9	0.0			12.0	2.1	12.0
28	0.0	7.4	38.2		0.0	0.0	2.4			0.0	0.0	0.0
29	0.0	0.0	0.0		6.0	0.0	0.0			0.0	0.0	0.0
30	0.0	0.0	0.0		0.0	0.0	8.2			0.0	2.0	0.0
31	18.2	16.0	16.0		0.0	0.0	2.1			0.0	0.0	0.0
Total	222.5	181.3	348.7		210.7	228.3	174.2			69.5	101.2	77.5
D.LI.	19	16	27		12	10	11			7	13	9
TOTALES ANUALES							m.m			Días lluv		

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

Estación **LA CANDELARIA** Municipio **RIOSUCIO** Año **1.971**

Altitud **metros** Latitud **5-24 N.** Longitud **75-42 W.**

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DEC.
1						36.0	0.0	0.0	0.0	0.0	29.0	0.0
2						0.0	45.0	0.0	38.0	12.0	24.0	12.0
3						0.0	0.0	19.0	12.1	36.0	36.0	0.0
4						29.0	0.0	25.0	0.0	13.0	0.0	8.0
5						25.0	0.0	21.0	0.0	20.1	16.0	0.0
6						0.0	9.0	113.0	8.0	0.0	65.1	0.0
7						50.0	0.0	17.1	32.0	0.0	11.0	0.0
8						0.0	0.0	0.0	13.0	23.0	0.0	11.0
9						0.0	0.0	0.0	18.1	0.0	17.0	0.0
10						20.0	0.0	20.1	0.0	0.0	12.0	0.0
11						0.0	0.0	68.0	0.0	14.0	0.0	0.0
12						46.0	33.0	76.0	0.0	0.0	0.0	0.0
13						6.0	24.0	13.0	28.1	0.0	0.0	0.0
14						0.0	12.0	0.0	0.0	7.0	0.0	0.0
15						0.0	0.0	40.1	37.0	0.0	0.0	0.0
16						0.0	0.0	52.1	8.1	0.0	14.0	16.0
17						2.0	0.0	36.0	17.1	0.0	44.0	0.0
18						0.0	0.0	49.0	0.0	0.0	0.0	21.0
19						0.0	0.0	17.0	35.1	0.0	16.0	0.0
20						41.0	0.0	45.0	0.0	43.0	0.0	0.0
21						30.0	0.0	0.0	0.0	0.0	0.0	0.0
22						0.0	0.0	0.0	0.0	0.0	15.0	11.0
23						0.0	0.0	60.0	0.0	0.0	0.0	14.0
24						32.0	0.0	17.0	0.0	0.0	25.0	0.0
25						16.0	13.0	33.0	0.0	16.0	0.0	21.0
26						0.0	0.0	28.0	30.0	11.0	0.0	12.0
27						29.0	0.0	23.0	27.0	22.0	42.0	11.0
28						41.0	0.0	0.0	12.0	14.0	0.0	0.0
29						0.0	0.0	0.0	29.0	16.0	0.0	20.0
30						72.0	0.0	0.0	13.0	11.0	0.0	0.0
31						0.0	0.0	38.0		33.0		0.0
Total						475.0	136.0	810.4	357.6	291.1	366.1	157.0
D.LI.						15	6	21	16	15	14	11
TOTALES ANUALES										m.m		Días Iluv

Estación **LLANADAS** Municipio **SALAMINA** Año **1.971**

Altitud **1.500 metros** Latitud **5-25 N.** Longitud **75-32 W.**

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DEC.
1	0.0	7.0	0.0	2.0	12.0	0.0	0.0	0.0	4.0	0.0	6.5	
2	0.0	8.0	15.5	22.0	6.0	2.0	1.3	0.0	3.2	0.0	22.5	
3	10.0	32.5	11.5	3.0	2.5	0.0	1.5	0.0	7.5	0.0	1.0	
4	2.0	25.0	0.0	0.0	3.2	4.0	2.2	16.5	1.0	6.0	0.0	
5	6.0	0.0	0.0	0.0	7.0	35.0	0.0	0.0	0.0	7.0	9.5	
6	8.3	37.3	7.0	0.0	0.0	4.5	0.3	4.7	3.7	19.0	0.0	
7	37.5	32.5	19.0	16.0	12.0	2.7	0.0	1.5	10.0	5.0	9.0	
8	23.0	0.0	24.0	0.0	1.5	0.0	0.0	0.0	6.0	0.0	15.0	
9	1.5	0.0	2.5	0.0	8.2	0.0	0.0	0.0	2.0	10.0	2.5	
10	34.0	0.0	13.5	6.0	0.0	0.0	5.0	11.0	4.0	9.0	0.0	
11	2.0	0.0	31.0	0.0	1.0	11.0	0.0	19.0	0.0	9.5	0.0	
12	18.0	0.0	0.0	1.5	8.5	27.0	6.0	4.5	0.0	2.0	30.0	
13	0.0	25.0	23.0	0.0	14.0	3.0	10.5	0.0	0.0	19.7	0.0	
14	12.0	15.0	0.0	4.0	13.0	3.5	31.0	4.8	27.5	1.0	4.0	
15	2.5	7.5	2.0	0.0	7.0	0.0	0.0	8.0	2.3	1.0	0.0	
16	52.0	0.0	4.0	7.5	15.0	0.0	0.0	5.5	26.2	0.5	0.0	
17	23.3	0.0	3.5	26.5	57.8	0.0	0.0	8.5	13.5	23.0	61.5	
18	3.0	35.0	33.5	1.0	0.0	0.0	2.0	32.0	14.5	5.8	1.0	
19	10.0	15.0	10.5	2.0	20.0	0.0	0.0	4.0	23.5	1.0	0.0	
20	0.0	10.5	7.5	14.5	22.0	3.0	0.0	3.0	22.0	10.2	1.5	
21	0.0	15.5	1.0	0.5	30.0	17.0	0.0	18.0	4.5	5.7	0.0	
22	0.0	0.0	31.0	8.5	5.0	0.5	0.0	1.0	0.0	5.5	3.2	
23	0.0	2.0	3.0	0.5	2.0	0.0	0.8	21.0	0.0	7.0	30.8	
24	0.0	1.5	6.5	0.0	4.0	0.2	0.0	0.8	0.0	0.5	1.8	
25	0.0	0.0	2.2	0.0	22.3	5.8	31.0	27.5	0.0	0.0	3.5	
26	0.0	0.0	56.5	0.0	0.3	0.5	1.0	28.0	18.0	0.0	30.5	
27	0.0	2.0	77.0	0.0	0.0	16.0	0.5	6.7	0.0	0.0	18.0	
28	14.5	1.0	53.5	10.0	3.3	7.0	0.0	3.0	2.0	8.0	3.0	
29	25.0		1.0	8.0	42.0	0.5	12.2	0.0	8.0	7.0	0.0	
30	2.5	13.0	18.0	5.0	5.0	5.8	9.8	0.0	18.0	14.5	0.0	
31	5.0	3.0		16.0			0.0	7.5		14.8		
Total	292.1	272.3	455.7	151.5	340.6	149.0	115.1	236.5	221.4	201.5	282.3	
D.LI.	20	17	26	18	27	19	15	22	21	24	20	
TOTALES ANUALES										2718.0 m.m		Días Iluv

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

Estación LA ESPERANZA

Municipio MARQUETALIA

Año 1.971

Altitud 1.400 metros

Latitud 5-19 N.

Longitud 75-03 W.

DÍAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	21.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	6.0	
2	0.0	52.0	0.0	0.0	52.0	0.0	0.0	0.0	2.0	5.0	0.5	0.0	
3	52.0	18.0	0.0	49.0	16.0	6.0	2.0	0.2	0.0	2.0	2.0	3.0	
4	28.0	18.0	52.0	0.0	6.0	6.0	0.0	0.0	49.0	10.0	0.0	0.0	
5	2.0	2.0	0.0	17.0	0.3	14.0	0.0	0.9	0.0	14.0	0.1	0.0	
6	12.0	30.0	0.0	6.0	0.0	38.0	4.0	0.0	3.0	52.0	0.0	0.0	
7	6.0	18.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
8	0.0	16.0	6.0	4.0	6.0	0.0	0.0	0.0	2.0	0.0	33.0	0.0	
9	0.0	0.0	0.0	0.0	52.0	0.0	0.0	0.0	15.0	10.6	8.0	10.0	
10	0.0	3.0	0.0	0.0	45.0	8.0	0.0	0.0	0.0	10.0	0.0	52.0	
11	4.0	0.0	32.0	16.0	0.0	3.6	0.0	29.0	0.0	0.0	13.0	0.0	
12	30.0	20.0	0.0	0.0	0.0	0.0	40.0	9.0	52.0	12.0	34.0	22.0	
13	0.0	49.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	52.0	0.0	
14	0.0	7.0	0.0	61.0	11.0	0.0	5.0	14.0	52.0	8.0	0.0	0.0	
15	10.0	5.0	8.0	0.0	16.0	0.0	0.0	3.0	0.0	6.0	13.0	6.0	
16	0.0	0.0	0.0	0.0	23.0	0.0	0.0	6.0	4.5	6.0	0.2	8.0	
17	2.0	20.0	52.0	40.0	11.0	0.0	0.0	0.0	0.0	30.0	0.2	10.0	
18	43.0	5.0	49.0	0.0	0.0	0.3	0.0	25.0	22.1	0.0	0.0	26.0	
19	27.0	6.0	31.0	43.0	0.0	0.0	0.0	47.0	4.0	9.0	0.6	0.0	
20	2.0	2.0	0.0	0.0	2.0	0.0	0.0	40.0	11.0	28.0	0.0	12.0	
21	9.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	30.0	0.9	0.2	0.0	
22	15.0	2.0	51.0	0.0	22.0	0.0	0.0	0.0	0.0	0.4	0.4	3.0	
23	11.0	3.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0	18.0	0.8		
24	0.0	0.0	21.0	0.0	52.0	0.0	17.2	30.0	0.0	0.6	18.0		
25	36.0	0.0	0.0	0.0	0.0	2.0	0.0	50.0	40.0	30.0	12.0		
26	0.0	0.0	50.0	6.0	2.0	0.0	0.0	25.0	0.0	0.5	50.0		
27	2.0	0.0	40.0	16.0	0.0	0.0	8.0	0.0	0.0	0.0	0.6		
28	0.0	2.0	30.0	52.0	0.0	7.0	0.6	40.0	0.0	21.0	0.8		
29	0.0	0.0	0.0	0.0	26.0	6.0	32.0	15.0	52.0	35.0	52.0		
30	6.0	0.0	0.0	22.0	6.0	0.0	0.0	6.0	30.0	0.0	11.0		
31	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0			
Total D.Ll.	315.0 19	299.0 20	458.0 14	332.0 12	354.3 18	90.9 10	108.8 8	392.3 13	370.6 16	323.0 23	328.4 23		
TOTALES ANUALES											m.m		Días lluv

Estación EL HORRO

Municipio ANSERMA

Año 1.971

Altitud 1.450 metros

Latitud 5-13 N.

Longitud 75-48 W.

DÍAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	4.0	0.0	12.0	12.0	10.0	3.5	0.0	0.0	0.0	12.0	48.0	0.0	
2	1.0	12.0	26.0	14.0	18.0	0.0	15.5	0.0	3.0	5.5	9.5	0.0	
3	16.5	10.0	36.0	0.0	8.5	0.0	0.0	16.0	5.5	2.0	0.0	0.0	
4	0.0	4.5	0.0	0.0	16.0	9.5	2.0	0.0	0.0	16.0	6.0	0.0	
5	24.0	0.0	26.0	0.0	29.0	2.5	0.0	0.0	0.0	2.0	3.5	0.0	
6	22.0	2.0	48.0	8.5	22.0	0.0	0.0	10.0	0.0	14.0	18.0	0.0	
7	24.0	0.0	36.0	0.0	0.0	22.0	0.0	24.0	0.0	12.0	4.0	0.0	
8	13.0	0.0	42.0	0.0	20.0	10.0	8.5	0.0	6.0	0.0	16.0	0.0	
9	14.0	14.5	54.0	17.5	0.0	10.0	0.0	0.0	1.5	6.0	8.0	0.0	
10	26.0	0.0	60.0	0.0	2.5	22.0	0.0	0.0	0.0	10.0	2.0	0.0	
11	2.1	6.0	56.0	0.0	8.0	50.0	0.0	16.0	0.0	0.0	0.0	0.0	
12	28.0	12.0	46.0	0.0	0.0	8.5	0.0	0.0	38.0	0.0	16.0	0.0	
13	0.0	18.0	36.0	9.5	55.0	0.0	12.0	0.0	0.0	8.0	4.0	0.0	
14	0.0	22.0	42.0	0.0	10.0	0.0	53.0	0.0	17.0	16.0	6.0	42.0	
15	0.0	38.0	60.0	0.0	10.5	0.0	2.0	0.0	7.0	0.0	12.0	0.0	
16	62.0	6.0	38.0	0.0	0.0	0.0	0.0	45.5	12.0	8.0	0.0	0.0	
17	6.5	20.0	48.0	0.0	0.0	27.5	0.0	42.0	14.0	36.0	0.0	0.0	
18	18.0	4.5	56.0	20.0	13.0	9.5	0.0	0.0	3.5	0.0	9.5	0.0	
19	0.0	32.0	52.0	2.5	11.5	16.0	0.0	22.0	10.0	6.0	0.0	0.0	
20	0.0	22.0	50.0	4.0	0.0	30.0	0.0	0.0	21.5	2.0	6.0	0.0	
21	0.0	23.0	48.0	0.0	0.0	0.0	0.0	6.5	0.0	12.0	0.0	12.0	
22	0.0	16.0	46.0	8.5	17.0	0.0	0.0	0.0	12.0	0.0	5.2	16.0	
23	0.0	0.0	46.0	10.0	26.0	0.0	48.0	22.0	8.0	6.0	10.0	0.0	
24	2.5	24.0	50.0	0.0	11.5	24.0	0.0	19.5	0.0	10.0	13.0	0.0	
25	0.0	4.5	36.0	0.0	0.0	32.0	0.0	26.0	12.5	8.0	0.0	10.0	
26	10.0	22.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	15.0	8.0	2.5	
27	16.0	36.0	52.0	0.0	58.0	6.0	0.0	20.0	0.0	0.0	2.5	58.0	
28	0.0	0.0	58.0	38.0	20.0	10.0	0.0	0.0	8.0	6.0	10.0	0.0	
29	0.0	10.0	10.0	10.0	0.0	0.0	0.0	0.0	2.0	16.0	16.0	0.0	
30	14.5	4.1	2.5	19.5	0.0	0.0	0.0	4.0	30.0	35.0	0.0	0.0	
31	0.0	63.5	0.0	63.0	63.0	0.0	0.0	2.5	0.0	62.0	0.0	0.0	
Total D.Ll.	304.1 18	349.0 21	225.6 28	157.0 13	449.5 21	293.0 17	129.0 6	266.5 15	245.5 18	329.5 24	241.2 23	140.5 6	
TOTALES ANUALES											3130.4 m.m		Días lluv

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

Estación **BOCATOMA**

Municipio **MANIZALES**

Año **1.971**

Altitud **3.100 metros**

Latitud **5-09 N.**

Longitud **75-27 W.**

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	7.5	0.0	18.4	9.0	27.0	0.0		0.0	34.0			
2	0.0	3.0	5.0	20.0	0.0	0.0		0.0	0.0			
3	0.0	16.0	4.5	10.0	47.0	0.0		0.5	16.5			
4	0.0	32.5	0.0	0.0	0.0	0.0		0.0	0.0			
5	3.0	0.0	0.0	0.0	5.4	0.0		0.0	0.0			
6	43.0	25.0	51.0	0.0	5.0	0.0		0.0	0.0			
7	33.0	0.0	42.5	4.5	0.0	0.0		0.0	12.0			
8	31.5	16.5	25.0	0.0	4.3	0.0		0.0	21.0			
9	24.5	39.5	0.0	0.0	11.0	1.0		1.0	0.0			
10	23.0	16.5	0.0	0.0	11.5	8.0		0.0	0.0			
11	9.0	9.5	11.5	25.5	10.0	9.0		9.0	0.0			
12	10.5	0.0	15.0	0.0	13.0	0.0		0.0	0.0			
13	0.0	16.5	17.0	8.0	0.0	0.0		0.0	20.5			
14	7.0	2.0	0.0	22.5	18.0	0.0		12.5	0.0			
15	15.5	18.0	0.0	0.0	0.0	0.0		15.5	9.0			
16	7.0	8.0	12.5	32.5	0.0	0.0		0.0	21.0			
17	24.5	10.0	7.5	0.0	7.5	0.0		0.0	12.0			
18	0.0	10.5	14.5	41.9	28.5	3.5		0.0	0.0			
19	17.5	0.0	27.9	0.0	4.9	0.0		0.0	9.0			
20	0.0	0.0	7.5	0.0	20.0	7.0		0.0	0.0			
21	0.0	0.0	7.5	0.0	8.9	10.0		10.0	10.0			
22	0.0	7.5	23.0	0.0	3.5	0.0		0.0	11.5			
23	0.0	14.5	25.5	7.5	0.0	0.0		0.0	0.0			
24	0.0	0.0	36.5	0.0	0.0	0.0		0.0	0.0			
25	10.5	0.0	6.0	0.0	0.0	0.0		2.0	0.0			
26	0.0	0.0	0.0	0.0	20.0	0.0		3.0	0.0			
27	0.0	0.0	16.0	27.5	35.5	3.5		0.0	0.0			
28	20.0	0.0	12.0	0.0	10.0	0.0		0.0	0.0			
29	30.0	0.0	1.5	0.0	16.7	0.0		0.0	0.0			
30	18.5		19.5	0.0	0.0	0.0	0.0	0.0	0.0			
31	4.0		11.5	0.0	9.0	0.0	0.0	0.0	0.0			
Total	341.5	245.5	418.8	208.9	306.7			111.5	176.5			
D.LI.	19	16	24	11	20			12	11			
TOTALES ANUALES								m,m		Dias lluv		

Estación **LA PLACIDA**
Altitud **metros**

Municipio **VILLA MARIA**

Año **1.971**

Latitud

Longitud

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	2.0	5.0	7.5	12.5	0.0	3.5	3.0	0.0		3.5	2.5	0.0
2	1.5	1.0	0.0	3.5	2.5	0.0	2.0	1.0		3.0	1.0	0.0
3	3.0	5.0	5.5	1.0	5.0	0.0	0.0	1.0		3.0	3.5	0.0
4	0.0	3.5	0.0	0.0	1.0	2.5	1.5	3.5		2.5	0.0	0.0
5	1.0	6.5	0.0	0.0	0.0	1.0	0.0	0.0		1.5	4.5	1.0
6	10.0	6.0	8.0	0.0	2.5	0.0	1.0	1.5		4.5	0.0	0.0
7	1.0	2.0	2.0	0.0	1.0	0.0	0.0	0.0		1.0	1.5	0.0
8	5.0	0.0	4.0	0.0	4.5	1.5	3.0	0.0		0.0	1.5	0.0
9	1.5	1.5	0.0	0.0	7.5	0.0	1.5	0.0		1.0	0.0	0.0
10	3.0	3.0	0.0	0.0	0.0	0.0	0.0	1.0		4.5	3.5	0.0
11	2.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0		3.5	1.5	0.0
12	0.0	0.0	1.0	0.0	0.0	3.5	0.0	0.0		0.0	0.0	0.0
13	0.0	0.0	3.5	6.5	1.5	2.5	2.0	0.0		0.0	0.0	0.0
14	4.5	3.5	0.0	1.0	10.0	0.0	0.0	1.5		2.5	0.0	1.5
15	5.0	0.0	0.0	3.5	0.0	0.0	1.5	1.5		2.0	1.0	2.0
16	0.0	1.5	3.5	5.5	1.0	0.0	0.0	2.5		1.5	4.5	1.0
17	0.0	3.5	0.0	2.5	1.5	0.0	0.0	1.0		0.0	6.5	1.0
18	1.0	4.5	2.0	3.5	5.0	1.5	3.0	1.0		1.0	4.0	0.0
19	1.5	1.0	1.5	0.0	3.5	0.0	0.0	1.0		1.5	0.0	1.0
20	0.0	3.5	2.5	6.0	1.5	0.0	0.0	1.0		2.0	2.0	3.5
21	2.5	0.0	0.0	0.0	1.0	2.5	0.0	1.0		0.0	4.5	0.0
22	3.0	0.0	0.0	0.0	4.5	0.0	0.0	1.5		0.0	8.5	2.0
23	1.0	0.0	9.0	0.0	0.0	0.0	0.0	4.0		2.5	0.0	4.0
24	7.5	0.0	0.0	0.0	4.0	0.0	0.0	1.0		1.5	0.0	1.0
25	0.0	0.0	2.5	0.0	10.5	1.0	0.0	3.5		1.5	0.0	3.5
26	3.5	0.0	0.0	3.5	0.0	0.0	0.0	6.0		1.0	0.0	0.0
27	2.0	0.0	1.5	3.0	0.0	4.5	0.0	5.0		0.0	0.0	2.5
28	2.5	0.0	6.0	3.5	1.0	0.0	0.0	0.0		0.0	3.0	0.0
29	4.0		1.5	2.5	0.0	1.0	0.0	1.0		0.0	0.0	0.0
30	2.5		4.0	0.0	4.0	5.1	0.0	0.0		1.0	0.0	0.0
31	5.0		2.0	0.0	0.0	0.0	0.0	0.0		4.0	0.0	0.0
Total	76.0	57.0	67.5	58.0	73.0	30.1	21.0	40.5		50.0	53.5	24.0
D.LI.	24	17	18	14	20	12	10	20		22	16	12
TOTALES ANUALES								m,m		Dias lluv		

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

Estación LA TRAVESIA

Municipio VILLAMARIA

Año 1.971

Altitud 3.100 metros

Latitud 5-01 N.

Longitud 75-26 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	20.9	4.4	41.0	17.7	16.3	0.0	0.0	2.4	0.0	5.4		8.6
2	6.0	9.2	11.1	16.9	0.0	0.0	0.0	0.0	0.0	21.7		0.0
3	28.1	22.4	30.6	17.9	13.3	0.0	4.6	6.5	23.6	14.2		0.0
4	10.2	3.9	0.0	0.0	9.0	0.0	4.3	4.1	0.0	2.1		0.0
5	32.1	38.3	0.0	0.0	16.1	6.1	0.0	7.1	14.8	10.8		0.0
6	19.9	43.1	37.0	0.0	8.3	6.1	0.0	0.0	15.3	0.0		0.0
7	9.4	30.8	36.3	0.0	10.6	3.9	0.0	0.0	19.7	22.0		13.2
8	41.0	0.0	53.3	0.0	18.7	9.8	0.0	0.0	3.1	19.3		0.0
9	3.0	0.0	21.5	0.0	13.2	0.0	0.0	1.4	0.0	22.1		0.0
10	16.5	0.0	3.9	2.4	16.8	0.0	0.0	1.9	24.1	8.1		0.0
11	8.3	0.0	5.1	3.6	0.0	14.6	2.4	0.7	0.0	0.0		12.1
12	0.0	0.0	17.3	1.9	0.0	15.6	1.1	5.1	5.5	3.3		0.0
13	0.0	4.2	5.0	4.8	4.3	1.9	0.0	0.0	16.6	0.0		15.2
14	0.0	2.1	0.0	24.2	16.5	0.0	0.0	0.0	0.0	14.3		0.7
15	4.6	3.2	9.5	3.5	6.2	0.0	0.0	10.7	0.0	7.5		0.0
16	10.0	2.2	17.5	0.0	7.3	0.0	0.0	4.2	8.5	7.8		0.0
17	6.4	12.0	5.2	17.3	11.2	0.0	9.5	10.9	5.0	13.8		0.0
18	13.6	12.4	15.3	0.0	5.0	0.0	0.0	1.5	0.0	0.0		0.0
19	16.5	17.0	7.2	8.1	33.0	3.6	0.0	3.0	11.4	0.0		18.8
20	0.0	0.0	13.5	15.8	23.6	0.0	0.0	4.1	12.7	6.5		21.7
21	0.0	0.0	20.5	24.5	19.3	0.0	4.8	0.0	0.0	0.0		21.2
22	7.7	9.2	9.3	0.0	7.7	0.0	2.1	0.8	11.1	0.0		0.0
23	0.0	0.0	17.1	4.5	3.3	0.0	0.0	19.7	6.3	17.4		31.6
24	0.0	0.0	18.5	0.0	20.2	3.4	0.0	2.8	0.0	2.6		0.0
25	6.3	0.0	0.0	0.0	5.2	5.3	0.0	12.7	0.0	7.1		0.0
26	6.0	0.0	8.6	23.8	0.0	10.2	3.0	25.9	0.0	1.7		0.0
27	10.7	0.0	6.2	23.9	0.0	0.0	0.0	34.3	0.0	22.0		17.1
28	0.0	0.9	6.0	37.1	15.8	0.6	0.0	0.0	0.0	8.9		0.0
29	3.2		28.0	13.3	3.2	2.1	0.0	0.0	7.9	14.0		0.0
30	4.0		13.2	11.5	27.7	1.9	0.0	0.0	10.7	0.0		0.0
31	3.3		23.4		1.9		0.0	0.0		5.5		3.0
Total	287.7	215.3	481.1	272.7	333.7	81.2	35.7	159.8	196.3	258.1		163.2
D.Ll.	23	16	27	19	26	13	9	20	16	23		11
TOTALES ANUALES											Días llov	

Estación LA NAVIDAD
Altitud 2.600 metros

Municipio VILLAMARIA
Latitud 5-02 N.

Año 1.971
Longitud 75-24 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	14.7	3.1	21.8	35.4	5.6	2.0	4.0	5.1		12.6	26.4	0.0
2	7.4	0.4	2.6		18.3	1.0	5.3	0.0		7.5	11.2	0.0
3	0.0	7.7	30.2		0.0	2.0	2.2	8.4		12.3	13.5	6.2
4	1.4	28.0	0.1	35.4	7.3	0.0	7.1	5.9		12.4	5.4	0.0
5	2.1	0.0		0.0	8.1	12.0	0.0	9.1		14.1	18.4	0.0
6	0.0	0.0		0.0	0.0	10.2	5.0	6.1		20.6	7.7	0.0
7	43.6	28.6	49.5		12.7	9.6	5.1	0.0		5.1	5.2	0.0
8	19.0	10.0	30.2		15.6	0.0	0.0	0.0		0.0	18.7	0.0
9	10.0	10.0	11.8		17.6	0.0	0.0	0.0		13.5	12.1	1.0
10	0.0	20.3	0.3		5.4	0.0	5.1	4.0		19.5	7.5	2.3
11	0.0	0.1	12.0	12.0	5.0	0.0	5.0	6.0		17.1	0.0	0.0
12	0.0	0.0		0.6	1.4	15.4	1.2	11.2		4.1	0.0	3.5
13	0.0	0.0		2.0	0.0	12.5	7.1	0.0		13.8	0.0	0.0
14	14.1	46.6	7.2	15.4	14.0	0.0	6.0	6.4		14.9	0.0	4.6
15	13.0	5.7	0.0	5.6	11.0	0.0	3.1	12.5		0.0	0.0	3.2
16	0.0	0.4	5.3		21.1	0.0	0.0	16.0		5.1	1.5	3.4
17	11.6	14.7	7.4		15.1	0.0	0.0	8.3		7.1	10.0	0.0
18	1.4	11.2		28.7	5.2	4.2	0.0	12.4		5.2	15.1	5.2
19	28.6	0.0		0.3	18.9	0.0	0.0	6.0		11.4	10.0	10.0
20	2.1	0.0		15.6	12.7	2.1	0.0	12.1		8.5	2.4	6.5
21	0.1	5.4	18.0		1.7	4.0	6.7	7.2		0.0	10.0	8.2
22	0.0	16.0	12.5		2.8	42.3	3.0	3.2		0.0	5.1	10.0
23	0.0	0.1	23.6		1.8	0.0	3.0	0.0		18.2	6.0	8.5
24	0.9	0.0	4.6		0.0	6.3	9.0	0.0		7.2	2.5	10.0
25	5.1	0.0	8.2		0.0	30.2	3.1	9.1		4.2	1.3	8.3
26	12.0	0.0		9.2	1.0	4.3	4.0	7.9		7.1	0.0	0.0
27	9.2	0.0		17.0	2.3	15.0	2.1	23.9		7.2	6.4	25.0
28	15.9		11.2	16.5	0.0	5.0	0.0	0.0		15.0	2.5	5.1
29	0.0		5.4	19.8	8.9	5.1	1.1	0.0		4.0	0.0	13.0
30	0.0		16.6	0.0	11.4	11.2	0.0	0.0		9.7	0.0	0.0
31	33.1		14.2		4.3		0.0	5.5		13.4		0.0
Total	245.3	210.3			305.7	136.4	75.7	202.3		290.8	198.9	134.0
D.Ll.	20	18			26	20	17	22		27	22	18
TOTALES ANUALES											Días llov	

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

Estación EL RECREO

Municipio PALESTINA

Año 1.971

Altitud 1.600 metros

Latitud 5-03 N.

Longitud 75-38 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	2.0	25.5	0.0	2.5	6.5	10.5	10.5	0.0	5.5	30.5	0.5	0.0	
2	0.5	10.0	0.0	26.0	0.5	0.0	15.5	16.0	0.5	0.0	18.5	0.0	
3	14.5	0.0	0.0	26.0	16.0	2.5	11.5	10.5	11.5	7.0	0.0	0.0	
4	40.0	28.0	0.0	0.0	9.5	13.5	3.5	22.0	0.5	1.5	5.0	0.0	
5	14.0	2.0	25.0	0.0	21.0	63.0	10.0	0.5	0.0	8.0	6.5	0.0	
6	10.5	20.0	5.0	0.0	0.0	0.5	13.5	20.0	0.0	14.5	2.0	4.5	
7	60.5	2.0	10.5	35.5	28.5	3.0	0.0	2.0	12.0	5.0	4.5	0.0	
8	6.0	0.0	15.0	0.0	0.5	0.0	0.0	0.0	21.0	5.0	18.0	0.0	
9	25.0	15.0	0.0	19.0	1.0	0.0	0.0	10.0	3.0	10.0	2.5	0.0	
10	0.0	5.0	0.5	5.0	0.5	3.0	0.0	0.0	3.5	0.0	12.5	0.0	
11	40.0	0.0	15.0	20.5	40.0	6.0	0.0	42.0	0.0	6.0	0.0	8.5	
12	0.0	9.0	10.5	22.0	5.0	12.5	30.0	3.0	46.5	8.0	4.5	0.0	
13	40.0	6.5	56.0	34.5	26.5	12.0	18.0	1.0	0.0	2.5	1.5	0.5	
14	0.0	5.0	25.0	15.0	10.0	0.5	0.0	5.0	10.0	7.5	2.0	0.0	
15	5.0	0.0	8.5	20.5	32.5	2.0	0.0	0.0	8.5	0.0	0.0	2.5	
16	0.0	15.0	25.0	21.5	2.0	5.0	0.0	10.0	5.5	0.5	12.5	3.0	
17	0.5	20.0	20.5	26.5	13.5	21.5	3.5	40.0	29.5	8.5	30.5	4.5	
18	5.0	40.0	30.0	10.5	32.0	5.0	0.0	10.5	2.5	2.5	12.5	0.5	
19	0.0	15.0	56.5	0.0	1.5	3.0	0.0	8.5	10.5	1.0	3.0	0.0	
20	22.0	30.5	0.8	20.0	18.0	10.5	0.0	15.0	7.0	0.0	1.0	10.5	
21	0.0	20.5	0.5	0.0	4.5	17.0	2.5	8.5	4.0	30.5	2.0	20.0	
22	0.0	5.0	20.0	15.5	14.0	0.5	0.0	0.0	0.5	10.5	18.5	22.5	
23	0.0	0.0	14.0	18.0	0.0	5.0	0.5	20.0	0.0	4.0	18.0	20.0	
24	10.0	0.0	6.5	0.0	9.5	0.0	0.0	2.5	13.0	5.0	11.0	5.0	
25	18.0	0.0	5.0	0.0	11.5	11.0	19.5	22.0	0.0	0.0	42.0	4.0	
26	9.0	40.0	9.5	0.0	4.5	26.0	3.0	23.5	10.5	12.0	20.5	10.5	
27	0.0	0.0	1.0	16.0	19.5	1.0	0.0	10.0	0.0	0.0	2.0	3.0	
28	28.0	0.0	25.0	28.5	0.0	5.0	0.0	12.5	19.0	33.5	5.0	0.0	
29	0.5		2.0	10.5	46.0	37.0	40.5	0.5	1.0	0.0	0.0	24.0	
30	0.0		31.5	2.0	12.0	1.0	11.0	9.5	20.0	18.5	0.5	10.5	
31	0.5		30.0		31.5		0.0	5.5		16.5		0.0	
Total D.Ll.	351.5 21	314.0 19	448.8 26	395.5 21	418.0 28	277.5 26	193.0 15	334.0 27	242.5 22	257.5 25	250.4 27	155.5 18	
TOTALES ANUALES							3638.2 m.m				275		Días lluv

Estación EL CARMEN

Municipio BELALCAZAR

Año 1.971

Altitud 1.800 metros

Latitud 5-00 N.

Longitud 75-48 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1				14.0	0.0	0.0	3.0	5.0	2.0	32.0	2.0	0.0
2		15.0		2.0	0.0	25.5	9.0	0.0	3.5	9.0	14.0	9.0
3		0.5		8.5	43.5	0.0	21.5	19.5	17.5	32.0	0.0	0.0
4		6.0		0.0	3.5	26.5	0.0	20.0	6.0	20.0	2.5	18.5
5		0.0		0.0	14.5	6.5	0.0	0.0	3.0	4.0	7.0	0.0
6		10.0		39.0	54.5	12.0	0.0	21.0	23.0	5.0	0.0	0.0
7		0.0		0.0	0.0	3.0	0.0	6.0	33.5	54.0	0.0	1.5
8		0.0		1.0	0.0	2.0	0.0	0.0	17.5	5.0	45.0	0.0
9		0.0		28.0	10.5	6.0	0.0	0.0	2.0	13.5	4.5	0.0
10		2.0		14.5	0.0	0.0	0.0	2.0	0.0	14.0	0.0	5.0
11		0.0		0.0	1.0	17.0	0.0	39.5	0.0	0.0	0.0	0.0
12		29.0		14.0	2.5	8.0	7.5	0.0	8.0	0.0	0.0	0.0
13		1.0		52.0	4.0	10.0	29.5	0.0	11.0	0.0	5.0	0.0
14		0.0		2.5	44.5	0.0	3.0	0.0	5.0	0.0	1.0	0.0
15		0.0		1.5	15.0	29.5	2.0	2.0	0.0	0.0	0.0	0.0
16		36.5		3.0	0.5	10.0	0.0	9.0	4.5	1.5	14.0	0.0
17		44.5		7.5	16.0	30.5	21.0	23.0	0.0	0.0	15.5	0.0
18		4.5		1.0	21.0	11.5	8.5	22.0	19.5	32.5	0.0	0.0
19		1.5		6.5	3.5	29.0	0.0	35.0	10.0	0.0	5.0	0.0
20		66.0		6.0	0.0	12.5	0.0	6.5	42.5	3.0	7.0	0.0
21		4.0		4.5	21.5	78.0	1.5	0.0	32.5	14.5	2.0	8.5
22		0.5		45.5	22.5	0.0	0.0	0.0	2.0	0.0	0.0	18.5
23		0.0		0.0	27.5	0.0	5.0	9.5	40.0	10.5	3.0	15.0
24		0.0		0.0	0.0	4.0	0.0	4.0	14.5	0.0	8.0	22.3
25		0.0		0.0	13.0	24.0	4.5	42.5	9.5	10.0	0.0	4.5
26		0.0		0.0	20.5	0.0	5.0	20.0	5.5	0.0	11.0	30.5
27		0.0		0.0	0.0	2.0	2.0	8.5	0.0	0.0	9.0	18.0
28		2.5		0.0	41.5	0.0	0.0	9.0	12.5	27.0	1.5	23.5
29		0.0		3.0	14.0	5.0	14.5	2.0	3.0	0.0	4.5	16.5
30		0.0		0.0	16.0	6.0	2.0	21.0	6.5	15.5	0.0	0.0
31		0.5		14.5		14.5	1.0	2.0		17.5		4.0
Total D.Ll.		223.5 15		254.0 19	415.5 23	358.5 22	140.5 17	329.0 22	334.5 25	320.5 19	161.5 19	195.3 14
TOTALES ANUALES							m.m				Días lluv	

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

Estación **TUNIA** Municipio **PIENDAMO** Año **1.971**
 Altitud **1.800** metros Latitud **2-40 N.** Longitud **76-32 W.**

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.		
1	8.2	2.0	18.3	25.1	3.2	0.0	0.0	0.0	0.0	2.3	22.3	0.0		
2	3.1	3.3	46.2	32.3	5.1	0.0	0.0	0.0	0.0	4.1	8.3	0.0		
3	11.0	2.0	6.0	6.3	0.0	0.0	0.0	0.0	8.1	44.1	2.1	12.0		
4	7.3	24.2	1.0	0.0	15.3	10.3	0.0	0.0	14.3	18.1	4.3	2.1		
5	6.4	1.0	2.1	0.0	1.3	3.0	5.0	0.0	5.0	16.2	1.2	6.2		
6	28.1	0.0	6.0	9.1	21.1	0.0	0.0	0.0	0.0	2.1	2.4	0.0		
7	2.0	13.0	0.0	10.4	18.0	4.3	0.0	0.0	0.0	2.3	5.1	0.0		
8	3.3	3.1	26.0	2.1	3.1	0.0	0.0	0.0	6.3	1.0	8.3	0.0		
9	9.1	4.2	1.3	6.3	6.2	0.0	0.0	0.0	1.2	2.0	11.2	6.2		
10	5.4	5.3	0.0	3.4	0.0	2.1	0.0	0.0	0.0	7.3	0.0	0.0		
11	8.1	16.1	38.3	15.2	0.0	1.0	0.0	0.0	4.3	2.2	0.0	0.0		
12	2.4	9.4	10.3	3.0	21.1	7.0	0.0	0.0	0.0	1.3	0.0	0.0		
13	2.0	3.1	7.3	7.3	6.2	0.0	0.0	0.0	18.0	4.2	0.0	0.0		
14	15.1	7.3	1.0	1.0	15.4	2.1	0.0	3.1	2.3	1.3	10.0	5.3		
15	8.3	8.2	4.2	0.0	17.2	0.0	0.0	0.0	0.0	10.2	1.2	8.2		
16	12.2	5.1	9.3	0.0	28.4	0.0	0.0	4.3	0.0	4.1	9.3	4.0		
17	13.3	10.0	18.0	17.3	32.1	0.0	0.0	1.3	0.0	5.0	19.3	6.2		
18	6.2	24.2	17.3	8.3	3.2	35.1	0.0	0.0	0.0	6.3	2.3	5.1		
19	5.3	15.0	19.2	0.0	53.1	3.0	0.0	0.0	0.0	12.3	6.0	20.0		
20	11.1	3.3	20.1	2.1	11.3	0.0	0.0	23.1	9.3	0.0	3.2	14.0		
21	2.1	9.1	2.1	1.0	7.0	6.3	0.0	20.3	3.1	8.1	4.1	1.3		
22	0.0	11.3	12.3	6.0	34.1	3.1	0.0	3.2	21.3	4.1	2.0	27.0		
23	0.0	5.3	9.1	6.3	4.3	4.2	0.0	0.0	0.0	5.3	2.3	20.3		
24	5.2	5.0	8.3	0.0	15.4	6.3	0.0	5.0	0.0	7.0	5.3	28.1		
25	12.3	3.1	2.1	0.0	13.0	8.3	0.0	2.3	4.0	9.0	9.1	9.3		
26	20.1	1.3	3.4	8.3	1.0	25.1	0.0	0.0	2.3	10.1	2.3	10.1		
27	5.4	27.2	1.0	7.0	18.0	3.1	0.0	0.0	1.3	8.3	0.0	6.0		
28	4.2	1.0	15.0	4.3	2.0	0.0	0.0	0.0	0.0	3.1	0.0	5.3		
29	48.0	0.0	52.1	8.0	1.0	2.1	0.0	0.0	0.0	7.4	0.0	0.0		
30	0.0	0.0	33.2	12.1	3.0	0.0	0.0	0.0	2.3	9.0	0.0	0.0		
31	5.3	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0		
Total	270.5	218.1	411.9	202.2	360.1	126.4	5.0	62.6	103.1	232.2	141.6	196.7		
D.Ll.	28	26	29	23	27	17	1	8	15	30	22	19		
TOTALES ANUALES							2330.4 m.m					245		Dias lluv

Estación **LA AURELIA** Municipio **CAJIBIO** Año **1.971**
 Altitud **1.840** metros Latitud **2-37 N.** Longitud **76-35 W.**

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.		
1	0.0	0.0	26.8	9.6	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.0		
2	0.0	0.0	32.2	21.0	30.8	0.0	7.0	0.0	0.0	26.8	3.4	14.0		
3	0.0	15.6	15.4	8.4	5.4	0.0	0.0	0.0	2.0	11.2	0.0	23.0		
4	60.6	48.6	0.0	0.0	1.2	22.2	0.0	8.6	6.6	6.2	4.6	0.0		
5	17.8	1.4	27.6	0.0	18.0	10.0	0.0	6.6	0.0	24.2	4.0	2.6		
6	24.0	0.0	7.0	6.4	1.0	4.0	0.0	0.0	28.8	0.0	1.0	0.0		
7	15.4	3.8	0.0	47.6	8.6	11.6	0.0	0.0	24.0	7.6	7.8	0.0		
8	34.4	1.2	0.0	0.0	2.2	0.0	0.0	0.0	5.2	0.0	16.4	13.0		
9	15.4	15.0	0.0	22.0	4.6	0.0	0.0	0.0	21.4	0.0	21.0	8.0		
10	0.0	23.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	2.0	0.0		
11	6.4	0.8	21.6	20.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	4.6	11.8	27.0	17.6	2.8	19.0	4.2	1.8	4.6	0.0	0.0	0.0		
13	4.4	4.4	0.0	4.0	0.0	0.0	4.6	16.8	0.0	0.0	0.0	0.0		
14	5.2	8.6	9.0	0.0	0.0	0.0	2.0	0.0	0.0	9.0	36.8	0.0		
15	0.0	0.0	11.8	0.0	25.0	11.6	0.0	0.0	0.0	4.0	0.0	0.0		
16	1.0	1.0	2.4	7.2	0.0	0.0	0.0	0.0	0.0	1.8	28.4	0.0		
17	16.8	17.8	9.4	17.6	17.4	0.0	0.0	0.0	0.0	0.0	16.0	26.4		
18	15.2	16.2	48.8	30.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0		
19	20.2	11.0	4.0	0.0	0.0	0.0	0.0	11.4	0.0	5.4	8.8	0.0		
20	5.0	19.0	57.0	14.6	9.0	0.0	0.0	9.0	11.6	0.0	7.4	10.6		
21	14.4	0.0	1.8	29.0	0.0	18.6	0.0	0.0	0.0	2.8	11.2	25.8		
22	8.4	3.6	43.2	29.0	5.0	4.4	0.0	0.0	0.0	4.8	30.4	44.4		
23	0.0	0.0	22.4	19.6	0.0	0.0	0.0	9.0	0.0	4.2	0.0	8.0		
24	2.4	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	9.0	14.4		
25	4.2	0.0	7.8	0.0	3.4	0.0	1.0	4.8	0.0	0.0	10.6	9.0		
26	24.6	0.0	0.0	8.8	0.0	5.6	0.0	6.8	0.0	26.8	0.0	3.6		
27	4.4	5.4	0.0	19.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	12.0		
28	0.0	0.0	38.4	15.6	3.8	9.6	0.0	0.0	0.0	0.0	0.0	0.0		
29	5.0	0.0	19.4	0.0	5.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0		
30	0.0	0.0	4.8	0.0	2.0	0.0	0.0	0.0	0.0	53.8	0.0	13.2		
31	3.8	0.0	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8		
Total	313.6	208.2	486.6	347.0	196.8	120.4	18.8	74.8	112.8	208.0	236.4	228.8		
D.Ll.	23	18	24	19	20	11	5	9	10	16	18	16		
TOTALES ANUALES							2552.2 m.m					189		Dias lluv

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

Estación INSTITUTO TECNICO

Municipio SANTANDER

Año 1.971

Altitud 1.112 metros

Latitud 3-01 N.

Longitud 76-29 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	4.1	0.0	13.7	20.7	14.0	0.0	0.0	0.0	0.0	13.8	0.5	2.9	
2	2.0	10.0	2.3	9.8	0.0	0.7	0.0	0.0	0.0	0.0	21.3	40.6	
3	10.1	8.2	13.0	8.0	47.2	0.0	0.0	8.1	0.0	5.4	0.0	0.2	
4	20.3	0.0	0.0	0.0	1.2	1.5	0.0	19.4	1.0	24.6	0.0	0.0	
5	45.4	3.4	0.0	0.0	8.4	0.0	0.0	0.0	0.0	3.2	11.0	0.0	
6	15.2	0.0	8.2	0.0	5.0	5.0	0.0	8.5	3.1	15.1	3.1	0.0	
7	3.7	1.2	12.1	21.5	21.4	0.0	0.0	0.0	0.0	45.5	1.3	1.8	
8	0.5	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	23.5	0.0	0.0	
9	0.0	0.0	0.8	0.7	5.8	4.1	0.0	0.0	0.0	6.2	10.9	0.6	
10	3.0	2.1	0.0	0.0	0.0	16.9	0.0	0.0	0.0	0.0	50.1	0.0	
11	11.3	12.1	19.2	0.0	16.1	0.0	8.0	0.0	0.0	0.0	9.6	0.0	
12	12.0	12.2	15.5	7.2	0.8	10.3	0.0	0.0	2.0	11.4	0.0	0.0	
13	8.2	48.8	2.1	6.0	3.5	5.7	7.1	0.0	0.0	0.0	0.0	0.0	
14	3.1	55.8	5.9	0.0	7.4	4.1	0.0	0.0	0.0	9.4	4.2	0.0	
15	0.0	60.5	37.0	0.0	12.1	0.0	0.0	0.0	1.9	0.0	0.0	0.0	
16	18.6	101.2	18.0	21.1	5.2	0.0	0.0	0.0	0.9	2.1	48.8	43.0	
17	15.2	81.9	29.9	15.5	14.0	0.0	0.0	0.0	15.1	3.0	21.4	50.9	
18	42.7	98.6	6.2	10.0	0.0	33.1	0.0	0.0	0.0	0.0	0.0	13.5	
19	2.2	6.1	31.2	0.0	0.0	4.5	0.0	1.0	0.0	6.5	10.2	4.5	
20	1.1	2.5	13.6	3.0	0.0	0.0	0.0	0.0	0.5	0.4	1.1	3.1	
21	0.0	5.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	9.3	
22	0.0	4.6	4.1	3.2	17.5	0.0	0.0	0.0	0.0	6.6	0.0	5.1	
23	0.0	0.0	41.0	2.0	0.0	0.0	0.0	1.9	0.0	5.6	0.0	10.0	
24	0.0	0.0	0.7	0.0	6.0	1.2	0.0	0.0	0.0	12.1	18.4	0.0	
25	0.0	0.0	2.2	0.0	0.8	0.0	0.0	0.0	0.0	4.7	34.4	49.5	
26	6.2	0.0	0.0	88.3	5.9	1.1	24.7	3.9	0.0	2.1	1.5	0.0	
27	1.0	27.3	0.0	12.0	0.0	3.5	2.1	0.0	6.3	0.0	6.3	0.0	
28	9.3	0.0	20.1	0.0	0.0	2.7	0.0	0.0	16.6	0.0	9.4	4.6	
29	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.9	1.8	
30	0.0	0.0	0.0	1.2	19.5	4.0	0.0	0.0	0.0	5.5	0.0	0.0	
31	7.7	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	242.9	541.5	314.1	230.2	211.8	98.4	41.9	42.8	123.1	203.4	243.1	248.5	
D.Ll.	22	18	25	16	19	15	4	6	13	21	19	15	
TOTALES ANUALES						2541.7 m.m				193			Días lluv

Estación LA UNION

Municipio CALDONO

Año 1.971

Altitud 1.500 metros

Latitud 2-47 N.

Longitud 76-25 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	0.0	0.0	35.5	0.0	0.0	0.0	0.0				
2	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0				
3	0.0	0.0	40.0	8.5	0.0	0.0	0.0	0.0				
4	30.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0				
5	19.0	0.0	0.0	0.0	11.0	50.0	0.0	0.0				
6	35.5	0.0	0.0	0.0	6.0	0.0	0.0	0.0				
7	40.5	0.0	0.0	0.0	0.0	0.0	2.5	0.0				
8	51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
9	8.5	19.5	0.0	0.0	0.0	0.0	7.0	0.0				
10	0.0	10.5	8.5	0.0	0.0	0.0	0.0	0.0				
11	0.0	9.0	25.0	0.0	0.0	0.0	0.0	0.0				
12	6.5	0.0	30.0	0.0	7.5	0.0	0.0	0.0				
13	4.0	21.5	0.0	0.0	0.0	5.0	0.0	0.0				
14	0.0	50.0	0.0	0.0	0.0	6.0	0.0	0.0				
15	0.0	17.0	16.0	0.0	0.0	0.0	0.0	0.0				
16	0.0	0.0	21.5	0.0	0.0	0.0	0.0	0.0				
17	15.0	60.0	54.5	30.5	7.5	0.0	0.0	0.0				
18	18.0	43.5	6.0	0.0	0.0	0.0	0.0	0.0				
19	7.5	15.0	0.0	0.0	0.0	0.0	0.0	4.0				
20	0.0	26.5	57.5	7.5	0.0	0.0	0.0	0.0				
21	6.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0				
22	0.0	0.0	4.5	0.0	0.0	0.5	0.0	0.0				
23	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0				
24	0.0	0.0	53.5	0.0	0.0	0.0	8.0	0.0				
25	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0				
26	0.0	0.0	7.0	8.5	0.0	0.0	0.0	0.0				
27	15.0	0.0	28.5	0.0	0.0	0.0	0.0	0.0				
28	0.0	0.0	10.0	0.0	0.0	12.0	0.0	0.0				
29	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0				
30	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0				
31	0.0	0.0	28.5	0.0	0.0	0.0	0.0	0.0				
Total	257.0	299.5	417.5	145.5		81.0	17.5	4.0				
D.Ll.	13	13	19	7		6	3	1				
TOTALES ANUALES						m.m				Días lluv		

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

Estación ROSAS Municipio ROSAS Año 1.971
 Altitud 1.750 metros Latitud 2-15 N. Longitud 76-44 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	0.0	0.1	0.3	4.0	0.0	0.0	0.0	0.0	0.3	32.2	42.1
2	0.0	4.1	10.4	42.1	6.1	0.0	0.3	6.0	0.1	32.3	18.1	26.2
3	12.0	42.1	14.6	0.3	0.1	0.0	4.2	2.1	0.1	36.1	0.0	0.0
4	36.2	50.2	0.0	0.0	0.4	0.3	0.0	12.6	12.1	60.4	10.0	14.1
5	58.2	2.0	0.3	0.0	22.1	6.2	0.3	0.0	16.6	16.1	0.1	0.0
6	28.4	0.0	0.0	0.0	0.4	6.1	0.0	0.9	10.2	0.1	0.0	0.0
7	48.5	0.0	18.1	0.1	38.1	2.1	0.1	0.5	16.3	0.4	0.3	0.0
8	10.1	52.2	0.0	0.3	8.1	0.0	0.0	0.0	62.2	10.0	24.1	0.0
9	40.1	0.3	0.0	12.1	0.0	0.0	0.0	0.1	0.0	8.1	10.4	14.1
10	38.1	20.1	22.1	10.0	12.0	0.4	0.0	0.0	0.0	6.1	12.1	0.0
11	20.2	0.4	14.2	0.0	6.3	0.1	0.0	0.0	6.1	0.3	6.1	0.0
12	8.2	22.1	10.1	0.0	0.0	6.3	0.0	16.1	0.0	10.1	10.3	0.0
13	42.1	42.3	8.1	0.0	0.0	6.2	0.0	0.5	0.0	0.0	0.1	0.0
14	6.1	0.0	28.1	6.6	14.3	0.4	6.0	0.0	0.0	0.0	32.1	0.0
15	0.0	0.0	72.3	0.3	20.4	0.0	0.0	6.1	42.1	0.0	10.0	0.0
16	12.0	30.3	2.3	2.2	6.0	0.0	0.0	0.5	60.1	0.1	42.1	0.0
17	8.1	28.1	10.3	44.2	10.1	0.4	0.0	0.1	12.0	38.1	34.0	32.1
18	28.0	18.6	8.2	0.0	0.0	0.4	0.0	4.1	0.0	12.1	5.0	0.3
19	0.1	10.0	4.4	0.0	12.4	0.1	0.0	0.1	0.0	3.1	0.4	0.0
20	16.1	6.0	10.2	10.4	6.0	0.0	0.0	0.3	2.2	34.0	6.4	18.0
21	0.4	0.0	22.1	0.0	0.0	6.0	0.0	0.0	0.0	12.0	0.1	0.1
22	24.0	0.0	0.3	40.2	10.0	0.0	0.0	16.1	0.0	0.4	16.1	40.4
23	0.0	0.0	34.2	2.1	32.0	0.0	0.3	16.1	0.0	0.0	38.2	10.1
24	18.1	0.0	10.0	0.0	4.0	0.0	0.0	0.4	0.0	8.1	22.1	4.1
25	8.0	0.0	6.5	0.0	18.0	0.0	0.0	0.3	0.0	26.1	16.4	0.3
26	12.3	0.0	2.2	0.0	0.5	0.5	6.1	0.3	0.0	48.1	18.1	0.3
27	0.0	0.0	65.1	6.2	0.0	0.0	0.0	0.0	0.0	6.1	12.1	0.4
28	16.1	0.0	45.1	2.1	6.1	0.0	0.0	0.0	0.0	8.1	34.0	0.3
29	2.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	36.4	0.3	30.1
30	32.1	0.0	28.4	6.1	0.1	0.0	0.0	0.0	0.0	64.1	42.4	0.0
31	22.1	0.0	38.2	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
Total	547.7	328.8	485.9	185.6	237.8	35.5	17.3	83.2	240.4	487.1	443.6	233.0
D.Ll.	26	15	26	17	24	14	7	19	13	27	28	16
TOTALES ANUALES										3325.9 m.m		Días llov
											232	

Estación EL PELOTILLO Municipio BOLIVAR Año 1.971
 Altitud 1.880 metros Latitud 1-51 N. Longitud 76-58 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	22.6	15.2	0.0	43.2		0.0	0.0	0.0	0.0	36.2	16.2
2	24.6	24.6	19.2	0.0	38.6		0.0	0.0	0.0	0.0	42.3	17.2
3	0.0	32.6	59.6	0.0	22.4		0.0	0.0	0.0	0.0	8.0	53.2
4	32.6	68.2	17.2	0.0	8.0		0.0	0.0	0.0	0.0	0.0	68.2
5	14.2	41.0	24.2	8.0	36.2		0.0	0.0	0.0	10.0	12.4	42.6
6	23.4	12.0	16.4	0.0	12.0		0.0	0.0	0.0	0.0	0.0	26.4
7	27.2	52.0	51.0	14.2	25.2		0.0	0.0	0.0	24.2	56.4	14.2
8	0.0	10.0	63.2	46.6	0.0		0.0	0.0	0.0	0.0	64.2	78.2
9	12.0	39.2	37.2	17.2	8.0		0.0	0.0	0.0	0.0	0.0	63.6
10	0.0	34.2	10.0	34.0	26.2		0.0	0.0	0.0	0.0	0.0	36.0
11	36.2	42.6	26.2	25.2	0.0		0.0	0.0	0.0	0.0	18.0	74.2
12	0.0	63.2	18.6	0.0	46.2		0.0	0.0	0.0	0.0	0.0	12.0
13	18.0	75.6	8.0	0.0	0.0		0.0	0.0	0.0	18.0	0.0	45.6
14	34.2	28.2	74.6	10.0	18.2		0.0	0.0	0.0	32.6	45.2	0.0
15	8.0	10.0	35.2	32.6	0.0		0.0	0.0	0.0	16.2	10.0	42.1
16	54.6	18.6	21.2	17.4	0.0		0.0	0.0	0.0	0.0	64.2	0.0
17	46.6	32.6	64.2	0.0	23.6		0.0	0.0	0.0	0.0	22.6	36.8
18	22.6	24.2	36.2	0.0	8.2		0.0	0.0	0.0	0.0	38.4	0.0
19	68.2	34.6	14.2	0.0	69.2		0.0	0.0	0.0	0.0	0.0	0.0
20	16.2	18.0	36.0	18.4	0.0		0.0	0.0	0.0	0.0	16.4	26.4
21	10.0	22.0	68.2	0.0	0.0		0.0	0.0	0.0	0.0	54.6	0.0
22	46.2	19.2	50.0	0.0	0.0		24.6	0.0	0.0	0.0	32.6	0.0
23	0.0	0.0	56.2	0.0	42.6		0.0	0.0	0.0	0.0	19.2	48.2
24	38.6	0.0	42.6	34.0	0.0		0.0	0.0	0.0	0.0	62.4	13.4
25	8.0	0.0	12.4	0.0	0.0		0.0	0.0	0.0	0.0	8.0	20.0
26	53.0	0.0	32.6	0.0	3.0		0.0	0.0	0.0	0.0	0.0	14.6
27	0.0	10.6	18.0	0.0	0.0		0.0	0.0	0.0	20.0	0.0	32.2
28	10.0	23.2	56.2	0.0	0.0		0.0	0.0	0.0	18.4	0.0	28.2
29	12.0	0.0	35.2	0.0	0.0		0.0	0.0	0.0	0.0	15.2	0.0
30	18.0	0.0	42.6	56.2	0.0		0.0	0.0	0.0	0.0	22.6	0.0
31	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total	634.4	759.0	21.6	313.8	430.8		24.6	0.0	0.0	139.4	648.9	809.5
D.Ll.	23	24	30	12	16		1			7	20	22
TOTALES ANUALES										m.m		Días llov
											22	

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

Estación NILO

Municipio PALERMO

Año 1.971

Altitud metros		Latitud		Longitud									
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	16.0		0.0	8.5	0.0	6.5	0.0	0.5	6.0	18.0	0.0	
2	0.0	12.0		14.0	6.0	0.0	0.0	10.0	8.5	2.0	2.0	0.0	
3	0.5	3.0		4.5	8.5	8.0	0.0	0.0	2.5	16.0	60.0	18.0	
4	2.0	0.5		0.0	10.5	0.0	5.3	2.3	4.5	38.0	12.0	4.5	
5	18.0	12.0		0.0	8.0	1.0	0.0	0.0	2.0	4.0	2.0	0.0	
6	66.0	4.0		0.0	8.5	0.0	0.0	0.0	4.0	4.0	4.0	0.0	
7	2.0	8.5		4.0	6.0	0.0	0.0	0.0	20.5	6.0	2.0	0.0	
8	37.5	6.5		4.0	6.5	0.0	0.0	0.0	0.5	0.5	56.0	0.0	
9	8.5	16.0		0.0	12.5	8.0	2.0	6.2	2.5	6.0	0.0	0.0	
10	7.0	0.0		0.0	16.0	28.0	1.0	3.5	4.0	54.0	0.0	0.0	
11	0.0	3.5		0.0	8.5	0.0	10.2	0.0	2.5	6.0	0.0	0.0	
12	2.0	68.0		9.0	6.0	0.0	0.0	0.0	8.5	6.0	2.5	2.0	
13	0.0	6.5		2.0	6.0	0.0	0.0	5.2	10.0	0.5	2.0	0.0	
14	0.0	8.5		4.5	12.0	1.0	0.0	0.0	0.0	0.0	52.0	0.0	
15	0.0	0.0		6.0	4.0	12.0	0.0	0.0	0.5	2.0	0.5	0.0	
16	0.0	12.0		16.0	4.0	32.0	4.6	0.0	0.0	50.0	20.0	0.0	
17	33.0	0.0		4.0	18.0	0.0	3.0	7.2	2.0	12.0	80.0	4.0	
18	56.0	10.0		6.0	0.0	0.0	0.0	0.0	2.0	20.0	2.0	6.0	
19	3.5	4.5		8.0	2.0	0.0	10.6	0.0	2.0	12.0	0.0	2.0	
20	24.0	4.0		4.0	0.0	1.0	0.0	0.5	2.0	0.0	0.0	6.0	
21	0.5	8.0		6.0	8.0	26.0	4.0	2.0	2.0	0.0	22.0	0.5	
22	0.5	4.0		4.0	4.0	0.0	0.0	0.0	0.0	2.0	16.0	58.0	
23	0.8	0.0		4.0	0.0	0.0	10.0	0.5	0.5	0.0	0.0	2.0	
24	2.0	0.0		8.0	21.0	12.0	0.0	0.0	0.0	0.0	6.0	4.0	
25	2.5	0.0		1.0	0.0	1.0	0.0	2.5	0.0	16.0	6.5	72.0	
26	4.0	0.0		6.0	0.0	0.0	5.3	16.0	0.0	20.0	10.0	14.0	
27	2.0	12.0		4.0	0.0	0.0	3.5	2.0	0.0	2.0	8.5	24.0	
28	8.0	0.0		10.0	4.0	0.0	0.0	0.0	2.5	28.0	2.5	4.0	
29	4.5			8.0	0.0	2.0	10.0	0.0	8.5	2.0	0.0	16.0	
30	4.0			10.0	0.0	0.0	0.0	0.0	26.0	14.0	0.0	4.0	
31	4.0			14.0			2.1	0.0		16.0		0.0	
Total	292.8	219.5		147.0	202.5	132.0	78.1	57.7	118.5	345.0	386.5	241.0	
D.LI.	24	20		23	23	12	14	12	23	26	22	17	
TOTALS ANUALES											m.m		Dias lluv

Estación SECRETARIA DE AGRICULTURA

Municipio LA PALMA

Año 1.971

Altitud metros		Latitud		Longitud									
DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	5.8	2.0	5.0	3.2	37.2	0.0	20.0	28.0	0.0	0.0	
2	0.0	0.0	1.0	3.0	18.4	0.0	10.2	0.0	2.0	19.0	7.0	0.0	
3	24.2	0.0	6.2	19.0	5.8	0.0	5.8	0.0	9.0	0.0	16.0	2.0	
4	17.0	0.0	0.0	0.0	6.8	0.0	15.0	0.0	0.0	0.0	6.0	17.0	
5	0.0	0.0	0.0	7.4	31.4	2.4	0.0	26.8	0.0	50.0	8.0	0.0	
6	2.0	0.0	0.2	0.0	0.0	0.0	11.0	81.6	0.0	38.0	0.0	14.0	
7	0.0	0.0	0.0	0.0	43.2	9.0	0.0	5.2	16.0	8.0	2.0	0.0	
8	0.0	6.0	8.2	0.0	16.0	0.0	0.0	0.0	17.0	0.0	8.0	0.0	
9	8.0	0.0	0.0	6.2	2.0	7.0	0.0	19.2	3.0	23.0	0.0	0.0	
10	10.0	3.4	0.0	10.0	0.0	7.0	0.0	10.4	0.0	27.0	0.0	0.0	
11	5.0	0.0	40.0	40.0	0.0	3.8	2.6	75.4	0.0	23.0	0.0	28.0	
12	6.0	0.0	10.0	14.8	0.0	5.2	2.2	5.2	20.0	0.0	5.0	0.0	
13	12.0	6.2	20.6	0.4	1.2	0.0	0.0	0.0	5.0	0.0	0.0	8.0	
14	2.6	0.0	20.4	48.0	2.6	0.0	0.0	0.0	22.0	13.0	10.0	0.0	
15	14.4	3.4	5.4	0.0	10.2	10.6	0.0	22.0	5.0	0.0	0.0	0.0	
16	0.0	3.2	19.6	0.0	57.2	11.6	0.0	0.0	52.0	22.0	0.0	0.0	
17	0.0	16.4	10.8	35.6	0.8	0.0	0.0	27.0	3.0	28.0	0.0	0.0	
18	0.0	1.8	1.6	0.0	21.4	0.0	0.0	16.0	0.0	24.0	18.0	0.0	
19	30.4	0.8	0.0	5.4	1.8	15.0	0.0	0.0	0.0	0.0	6.0	12.0	
20	0.0	0.0	0.0	29.2	12.4	0.0	0.0	24.0	10.0	28.0	16.0	0.0	
21	2.0	0.0	0.0	0.0	0.4	5.2	3.0	0.0	9.0	8.0	40.0	0.0	
22	7.0	46.6	9.8	7.4	6.2	10.0	1.0	23.0	2.0	0.0	0.0	0.0	
23	0.0	0.0	15.2	5.2	3.6	4.2	0.0	0.0	16.0	16.0	7.0	0.0	
24	25.2	0.0	0.0	0.0	7.0	7.2	0.0	7.0	3.0	0.0	17.0	0.0	
25	14.2	0.0	25.8	0.0	54.2	0.0	55.6	2.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	12.6	0.0	0.0	1.6	30.0	4.0	2.0	0.0	0.0	
27	11.6	26.4	0.0	17.8	3.4	6.4	0.0	0.0	0.0	10.0	22.0	18.0	
28	12.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	8.0	
29	33.4		4.2	0.0	50.2	0.0	0.0	0.0	14.0	34.0	0.0	0.0	
30	0.0		36.2	2.0	6.0	0.0	0.0	0.0	43.0	27.0	0.0	0.0	
31	3.6		44.4		0.0			20.0		9.0		0.0	
Total	240.6	114.2	293.2	266.0	367.2	107.8	145.2	394.8	300.0	437.0	188.0	107.0	
D.LI.	19	10	20	18	24	15	11	16	21	20	15	8	
TOTALS ANUALES											2961.0 m.m		Dias lluv

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

Estación SECRETARIA DE AGRICULTURA Municipio MACHETA Año 1.971

Altitud 1.800 metros

Latitud 5-06 N.

Longitud 73-36 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	6.0	6.0	11.3	4.0	4.0	2.0	2.0	2.0	
2	0.0	0.0	4.0	0.0	8.0	9.0	3.4	2.0	0.0	0.6	7.0	0.0	
3	0.0	0.0	6.0	0.0	2.0	3.0	6.0	2.4	0.0	0.4	4.0	0.0	
4	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	2.0	0.0	
5	0.0	0.0	4.3	6.0	2.0	0.0	0.0	5.0	0.0	0.0	0.0	4.3	
6	0.0	0.0	2.5	9.3	0.0	2.0	0.0	8.0	0.0	2.0	0.0	4.0	
7	0.0	0.0	4.0	2.0	2.0	1.5	12.0	2.0	2.0	0.0	8.0	0.0	
8	0.0	0.0	10.0	0.3	0.0	1.2	4.0	0.0	2.0	4.0	1.3	0.0	
9	9.0	0.0	0.0	6.0	0.0	2.0	0.0	2.0	4.0	0.0	0.0	0.0	
10	6.3	0.0	0.5	0.0	2.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	
11	8.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
12	2.0	0.0	10.0	0.0	0.0	4.0	0.0	0.0	7.0	0.3	0.0	0.0	
13	0.0	0.0	0.0	2.0	10.0	6.0	0.0	1.7	0.0	4.5	0.0	3.9	
14	0.0	0.0	0.0	6.3	1.5	9.0	0.0	0.0	8.0	0.0	18.0	0.0	
15	0.0	0.0	0.0	8.0	0.0	0.0	9.0	0.0	0.0	0.0	0.9	0.0	
16	0.0	0.0	5.0	0.0	1.3	0.0	6.0	0.0	1.4	0.0	0.0	0.0	
17	0.0	0.0	0.0	10.0	5.0	0.5	0.0	3.0	8.0	0.3	0.0	0.0	
18	0.0	0.0	1.0	5.0	6.0	9.0	10.0	2.0	4.3	2.3	0.0	0.0	
19	0.0	0.0	6.0	11.0	7.0	0.0	0.0	6.0	4.0	0.0	5.7	0.0	
20	8.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	4.0	0.0	2.0	4.0	0.0	6.0	2.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	12.5	2.0	4.5	0.0	6.0	6.0	0.0	4.5	
23	0.0	0.0	6.0	0.0	9.0	0.0	0.0	2.0	3.5	0.0	6.5	0.0	
24	0.0	0.0	0.0	8.0	3.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
25	0.0	0.0	4.3	0.0	9.0	0.3	2.0	6.0	0.0	0.0	2.0	0.0	
26	0.0	0.0	9.0	0.0	0.0	6.0	7.5	0.0	4.0	6.3	0.0	3.3	
27	0.0	0.0	0.0	0.0	0.0	6.3	0.0	2.3	0.0	0.0	0.0	0.0	
28	3.0	0.0	4.5	6.0	11.0	2.0	6.3	0.0	7.0	0.0	12.3	0.0	
29	6.0	0.0	6.0	8.0	8.0	1.5	4.0	2.0	7.0	6.3	10.0	0.9	
30	0.0	0.0	6.3	2.0	0.0	9.0	14.0	10.0	2.0	0.5	4.0	4.0	
31	0.0	0.0	2.0	2.0	9.3	2.0	2.0	0.0	0.9	0.9	0.0	0.0	
Total D.LI.	42.3 7	0.0	115.4 21	92.4 16	116.6 20	89.3 22	102.0 15	68.4 18	78.4 18	40.4 16	95.7 16	36.9 10	
TOTALES ANUALES										877.8 m.m		179	Dias lluv

Estación SECRETARIA DE AGRICULTURA Municipio GUADUAS Año 1.971

Altitud 1.060 metros

Latitud 5-04 N.

Longitud 74-36 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	21.4	3.0	0.0	
2	7.0	0.0	0.0	4.0	10.4	0.0	0.0	0.0	0.0	2.4	2.2	0.0	
3	0.0	0.0	25.0	15.0	28.4	0.0	2.0	4.0	0.0	10.2	3.0	0.0	
4	0.0	5.6	0.0	2.0	0.2	0.0	44.0	11.4	0.0	4.2	2.4	10.0	
5	0.0	0.0	0.0	7.2	6.4	0.0	0.0	0.0	0.0	42.0	0.0	0.0	
6	12.4	0.0	0.0	0.0	0.0	1.0	0.0	0.0	10.0	20.0	0.0	0.0	
7	10.2	0.0	0.0	3.4	1.0	0.0	0.0	0.0	8.0	8.0	7.4	0.0	
8	9.0	0.0	10.0	2.5	2.0	0.0	0.0	0.0	3.4	0.0	7.6	0.0	
9	0.0	0.0	0.0	12.4	2.2	0.0	0.0	0.0	23.0	5.2	0.0	0.0	
10	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	10.5	0.5	0.0	
11	0.0	0.0	8.4	2.4	4.4	0.0	2.0	2.0	0.0	43.4	0.0	0.0	
12	14.0	0.0	0.0	4.4	0.0	0.0	0.0	17.4	12.2	0.0	0.0	0.0	
13	0.0	0.0	21.0	1.0	0.2	29.4	0.0	0.0	0.0	0.0	48.0	3.0	
14	3.4	0.0	19.0	3.2	6.0	10.2	0.0	2.2	2.2	0.0	28.4	0.0	
15	2.0	3.4	11.2	0.0	42.2	0.0	0.0	0.0	20.0	2.0	0.0	0.0	
16	0.0	5.2	30.0	16.4	18.0	0.0	0.0	0.0	14.2	3.0	2.4	0.0	
17	0.0	4.6	20.2	10.2	0.0	0.0	0.0	0.0	0.0	1.2	0.0	4.0	
18	4.0	2.0	0.0	13.0	26.4	13.0	0.0	0.0	0.0	5.0	0.0	0.0	
19	42.4	15.2	4.0	13.4	0.4	0.0	0.0	15.0	0.0	0.0	6.0	0.0	
20	0.0	30.4	2.0	4.2	0.0	0.0	0.0	0.0	16.2	0.0	11.4	10.0	
21	0.0	14.2	14.0	0.0	12.0	0.0	0.0	7.0	0.0	0.5	3.0	2.2	
22	0.0	3.2	4.0	2.0	4.2	1.2	3.0	0.0	0.0	13.0	0.0	8.4	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	3.4	0.0	
24	0.0	0.0	0.0	0.0	18.2	0.0	0.0	7.2	0.0	0.0	0.0	0.0	
25	0.0	0.0	4.0	0.0	22.0	14.2	0.0	0.0	1.0	0.0	0.0	8.4	
26	4.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	5.0	8.4	0.0	12.4	
27	0.0	4.0	0.0	20.0	1.0	4.4	0.0	0.0	0.0	0.0	5.2	9.0	
28	16.0	1.4	4.4	0.0	0.0	0.0	0.0	0.0	7.4	0.0	4.0	42.5	
29	2.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	4.2	11.2	10.0	
30	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	20.2	12.4	0.0	1.2	
31	0.0	0.0	22.4	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	
Total D.LI.	126.4 12	89.2 11	199.6 15	161.1 20	217.8 23	120.0 8	60.2 5	72.2 9	142.8 13	217.0 19	171.1 17	121.1 12	
TOTALES ANUALES										1698.5 m.m		164	Dias lluv

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

Estación SECRETARIA DE AGRICULTURA Municipio VILLETA Año 1.971
 Altitud 880 metros Latitud 5-01 N. Longitud 74-29 W.

DÍAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	5.0	0.0	7.0	9.0	0.0	5.0	0.0	0.0	37.0	0.0	0.0	
2	0.0	28.5	8.0	0.0	13.0	0.0	0.0	0.0	0.0	35.0	26.0	0.0	
3	15.0	0.0	20.5	4.0	2.5	0.0	0.0	0.0	0.0	10.0	12.0	26.0	
4	17.0	2.5	0.0	9.0	6.0	7.5	18.5	0.0	0.0	8.0	18.5	0.0	
5	8.0	0.0	0.0	2.3	14.0	0.0	0.0	5.0	0.0	6.0	7.0	0.0	
6	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	2.0	11.5	0.0	0.0	
7	2.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	28.0	3.0	15.5	0.0	
8	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	
9	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	
10	4.0	0.0	0.0	3.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	13.0	4.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	
12	7.5	0.0	7.0	15.0	0.0	0.0	0.0	8.0	37.0	0.0	0.0	0.0	
13	0.0	12.5	0.0	22.0	3.0	45.0	0.0	3.0	0.0	0.0	0.0	0.0	
14	7.5	0.0	15.0	7.0	1.5	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
15	0.0	0.0	17.0	1.0	3.0	9.5	0.0	0.0	0.0	0.0	25.0	0.0	
16	0.0	32.0	13.0	8.5	9.0	0.0	0.0	8.5	0.0	0.0	12.0	0.0	
17	0.0	4.0	17.0	8.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	
18	15.0	6.5	0.0	12.0	7.0	32.5	0.0	2.5	0.0	0.0	7.0	0.0	
19	68.0	41.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	8.0	0.0	5.0	
20	3.0	0.0	7.0	5.5	0.0	0.0	0.0	2.5	14.0	0.0	0.0	0.0	
21	0.0	10.0	3.0	0.0	7.5	0.0	0.0	5.0	0.0	31.0	4.0	0.0	
22	0.0	5.0	0.0	0.0	24.0	0.0	0.0	0.0	5.0	0.0	0.0	8.0	
23	32.5	0.0	4.0	0.0	0.0	0.0	0.0	18.5	0.0	0.0	0.0	6.5	
24	12.5	0.0	0.0	0.0	7.0	0.0	0.0	0.0	3.0	4.0	0.0	7.5	
25	0.0	0.0	22.0	0.0	50.0	0.0	0.0	0.0	5.0	0.0	0.0	9.0	
26	5.5	12.0	5.0	7.0	0.0	0.0	0.0	0.0	7.0	5.5	0.0	8.5	
27	12.5	0.0	0.0	10.0	3.0	0.0	0.0	0.0	10.0	0.0	0.0	21.0	
28	2.0	10.0	0.0	4.0	0.0	6.5	0.0	0.0	15.5	0.0	0.0	32.5	
29	2.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	
30	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	12.0	12.0	0.0	5.0	
31	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total D.LL.	214.0	169.0		165.8	180.5	101.0	23.5	53.0	192.0	176.0	149.5	171.0	
	16	12		22	20	5	2	8	13	13	12	12	
TOTALES ANUALES							1749.8 m.m			149			Días lluv

Estación LA CARLINA Municipio SAN FRANCISCO Año 1.971
 Altitud 1.665 metros Latitud 4-59 N. Longitud 74-17 W.

DÍAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	10.5	21.8	26.0		0.0	0.0	0.0	6.0	6.0	18.0	8.0
2	0.0	16.0	0.0	2.6		0.0	0.0	0.0	1.3	7.0	32.0	8.0
3	31.0	0.0	26.0	0.0		0.0	0.0	0.0	0.0	8.0	8.5	0.0
4	4.2	0.0	8.5	6.0		0.0	4.0	0.0	0.0	25.5	5.0	0.0
5	0.0	10.9	0.0	17.0		2.6	2.0	0.0	0.0	18.0	6.0	4.0
6	12.1	15.3	0.0	0.0		0.0	0.0	0.0	10.0	7.0	3.0	0.0
7	61.2	17.4	0.0	8.0		0.0	0.0	0.0	16.7	0.0	8.0	0.0
8	28.2	6.0	0.0	24.4		0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	22.1	0.0	2.8	0.0		0.0	0.0	0.0	4.3	0.0	4.0	6.0
10	0.0	0.0	0.0	0.0		0.0	0.0	2.3	0.0	16.0	0.0	10.0
11	0.0	2.0	4.3	0.0		0.0	2.0	2.0	0.0	0.0	0.0	0.0
12	11.3	8.6	0.0	8.1		16.2	0.0	0.0	0.0	0.0	0.0	0.0
13	24.3	2.0	0.0	6.0		10.0	2.3	6.1	0.0	0.0	0.0	0.0
14	29.2	0.0	14.0	40.1		0.0	0.0	0.0	30.0	10.0	30.0	0.0
15	8.1	0.0	8.3	2.5		0.0	0.0	2.7	0.0	0.0	0.0	15.0
16	57.1	50.3	0.0	22.1		0.0	0.0	2.0	0.0	0.0	0.0	0.0
17	28.2	40.2	0.0	4.0		0.0	0.0	0.0	2.0	2.0	0.0	0.0
18	21.1	16.6	0.0	26.1		0.0	0.0	12.4	0.0	18.0	20.0	17.0
19	31.0	34.5	22.0	0.0		0.0	0.0	2.0	2.0	0.0	10.0	0.0
20	20.0	0.0	0.0	28.2		2.0	0.0	0.7	0.0	9.0	20.0	30.0
21	0.0	10.1	2.0	0.0		0.0	0.0	2.5	0.0	20.5	6.0	30.0
22	0.0	0.0	0.0	0.0		4.0	0.0	0.0	0.0	0.0	38.0	56.0
23	0.0	0.0	36.0	0.0		0.0	0.0	10.5	0.0	19.0	2.0	0.0
24	9.4	0.0	16.5	0.0		0.0	0.0	20.5	0.0	10.0	0.0	0.0
25	10.5	0.0	2.7	0.0		0.0	0.0	2.8	0.0	0.0	0.0	9.0
26	8.0	0.0	10.2	8.5		0.0	2.0	4.2	0.0	0.0	0.0	10.0
27	0.4	0.0	8.4	8.0		3.0	0.0	2.0	0.0	26.0	0.0	0.0
28	2.0	0.0	0.0	14.2		2.0	0.0	4.0	0.0	0.0	0.0	3.0
29	36.5	0.0	24.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	4.0
30	0.0	0.0	12.8	0.0		0.0	0.0	0.0	8.0	25.0	8.0	0.0
31	20.3	0.0	26.0	0.0		0.0	0.0	0.0	0.0	20.0	0.0	0.0
Total D.LL.	476.2	240.4	246.3	251.8		29.8	12.3	76.7	70.3	247.0	218.5	210.0
	22	14	17	17		6	5	15	9	17	16	14
TOTALES ANUALES							m.m			Días lluv		

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

Estación EL TRIANGULO

Municipio SASAIMA

Año 1.971

Altitud 1.500 metros

Latitud 4-58 N.

Longitud 74-26 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	8.3	2.2	13.2	8.4	0.0	0.8	0.0	0.7	3.8	20.5	0.0	
2	0.0	32.6	5.0	34.5	44.0	0.2	1.1	0.5	5.8	13.0	2.0	63.5	
3	17.5	0.3	69.0	15.2	33.0	1.3	9.6	0.8	2.3	49.3	12.8	9.0	
4	10.0	11.9	1.0	0.0	29.8	0.0	9.4	4.5	1.5	11.4	2.1	2.8	
5	0.3	7.3	0.0	6.2	106.0	4.7	0.0	0.1	14.6	41.7	0.1	0.0	
6	14.0	0.0	0.0	1.1	0.7	3.2	0.0	0.0	10.3	22.1	7.6	0.2	
7	25.5	29.7	0.0	17.3	0.2	0.1	0.0	0.0	9.3	14.2	11.5	3.2	
8	27.5	1.3	0.1	26.7	2.9	0.0	0.0	1.9	29.4	0.2	10.4	0.0	
9	4.4	0.2	0.1	7.8	0.1	0.3	0.0	0.0	30.3	1.0	0.7	0.0	
10	14.3	0.0	0.4	2.5	11.2	0.0	0.7	7.0	0.1	9.7	5.9	1.0	
11	1.0	0.0	54.0	8.7	0.1	0.0	0.1	8.1	0.6	3.2	13.4	0.0	
12	20.0	0.0	0.2	9.2	0.5	12.0	0.2	11.3	2.7	0.0	27.4	0.0	
13	5.7	30.7	1.5	25.0	0.1	4.7	0.5	4.4	0.0	0.0	32.3	4.9	
14	46.7	0.1	5.2	36.0	0.7	0.0	1.0	1.1	4.1	0.0	46.8	0.0	
15	0.2	0.0	30.2	19.5	23.0	0.0	0.0	2.6	46.2	0.2	0.0	0.0	
16	41.5	51.8	16.6	19.8	12.0	0.0	0.0	0.5	0.3	29.2	17.3	0.0	
17	15.5	5.0	10.8	50.8	2.2	0.0	0.0	4.7	0.0	9.5	7.4	16.5	
18	0.4	5.5	4.7	8.7	7.3	1.3	0.6	5.1	0.0	11.0	7.6	0.6	
19	55.6	15.0	5.0	1.5	7.7	0.0	0.0	3.7	15.3	14.4	0.3	0.0	
20	35.6	37.3	14.4	6.6	0.0	0.1	0.0	4.7	3.7	3.4	7.3	8.2	
21	0.0	5.0	1.0	1.0	4.5	23.7	0.3	5.5	2.0	68.2	1.8	32.0	
22	6.5	1.2	10.5	7.0	9.4	4.5	0.0	14.7	0.0	0.2	0.0	31.5	
23	2.3	0.0	7.8	0.2	0.0	0.0	0.0	31.7	0.0	85.2	0.2	3.2	
24	27.8	0.0	12.7	0.0	5.5	0.0	5.4	6.0	0.0	0.0	26.4	0.0	
25	31.5	0.1	43.6	0.0	26.7	0.0	0.0	0.7	0.5	40.8	0.7	10.8	
26	3.0	0.0	11.7	15.3	2.4	0.3	2.5	6.8	3.4	0.0	29.5	40.6	
27	1.9	23.2	55.5	0.3	1.4	22.2	0.0	0.1	0.0	25.8	2.5	12.0	
28	40.1	12.6	52.0	23.8	0.3	11.5	0.0	0.2	10.7	0.2	5.8	1.4	
29	34.3	0.0	13.0	0.0	3.6	3.1	0.0	0.0	0.1	30.4	0.0	0.1	
30	0.0	0.2	0.2	6.6	1.2	0.1	0.0	0.0	44.3	12.8	0.0	0.0	
31	16.7	26.0	26.0	2.0	2.0	0.0	0.0	0.0	13.0	13.0	0.0	0.0	
Total	500.0	279.1	454.8	364.5	346.9	93.3	32.4	133.1	238.2	513.9	300.3	241.5	
D.LL.	28	20	28	26	29	17	14	25	23	26	26	18	
TOTALES ANUALES							3498.0 m.m				280		Dias lluv

Estación SECRETARIA DE AGRICULTURA

Municipio GACHETA

Año 1.971

Altitud 1.760 metros

Latitud 4-50 N.

Longitud 73-38 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	8.2	10.0	0.0	8.0	14.0	12.0	6.1	0.0	0.0	
2	0.0	0.0	0.0	5.0	0.0	12.0	0.0	22.0	8.1	12.0	28.0	0.0	
3	0.0	0.0	0.0	0.0	3.2	0.0	12.0	12.2	0.0	58.2	16.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	6.0	6.1	28.1	0.0	0.0	0.0	0.0	
5	4.2	0.0	0.0	0.0	42.0	0.0	0.0	62.2	18.0	16.2	0.0	0.0	
6	6.0	0.0	0.0	0.0	4.0	0.0	0.0	11.0	14.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	6.0	4.0	14.2	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	10.2	8.1	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	6.0	0.0	0.0	81.2	20.0	0.0	22.0	0.0	0.0	
10	0.0	0.0	6.0	0.0	8.2	0.0	12.0	20.0	0.0	32.0	0.0	0.0	
11	0.0	0.0	4.0	11.0	16.1	0.0	0.0	12.0	0.0	18.0	28.1	0.0	
12	0.0	0.0	8.0	8.2	0.0	58.0	48.0	0.0	6.2	0.0	0.0	0.0	
13	0.0	0.0	0.0	6.1	8.0	8.0	36.2	8.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	12.3	14.2	12.2	0.0	14.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	8.0	8.0	0.0	22.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	32.1	6.2	0.0	8.0	0.0	0.0	0.0	0.0	
18	6.0	0.0	0.0	4.0	0.0	0.0	8.0	12.0	0.0	0.0	18.1	0.0	
19	8.0	0.0	6.0	14.0	0.0	12.1	12.2	0.0	8.1	16.0	24.1	0.0	
20	12.0	0.0	5.2	16.0	4.0	0.0	8.2	6.0	16.2	24.1	12.0	0.0	
21	10.0	0.0	9.0	10.0	0.0	4.2	0.0	0.0	22.0	32.2	0.0	0.0	
22	0.0	0.0	13.0	18.0	0.0	0.0	0.0	0.0	12.2	20.0	0.0	0.0	
23	0.0	3.0	8.0	20.0	0.0	7.0	14.1	10.2	30.0	12.1	0.0	0.0	
24	0.0	6.0	10.0	17.0	6.0	0.0	0.0	14.0	24.2	0.0	0.0	0.0	
25	0.0	10.0	0.0	12.0	24.2	16.0	32.0	8.0	0.0	0.0	0.0	0.0	
26	0.0	8.0	0.0	0.0	8.0	42.0	18.0	0.0	0.0	0.0	14.2	0.0	
27	0.0	11.2	0.0	0.0	3.1	0.0	12.1	0.0	8.2	0.0	78.2	0.0	
28	0.0	0.0	0.0	0.0	0.0	12.0	0.0	8.2	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	32.0	18.0	14.2	6.0	0.0	20.1	0.0	0.0	
30	0.0	0.0	0.0	8.2	0.0	12.1	24.1	0.0	0.0	14.0	0.0	0.0	
31	0.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	46.2	38.2	75.2	176.0	229.1	237.8	370.8	306.0	179.2	317.0	240.7	0.0	
D.LL.	6	5	10	16	17	16	18	20	12	15	9	0	
TOTALES ANUALES							2216.2 m.m				144		Dias lluv

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

Estación LA VIRGEN

Municipio QUIPILE

Año 1.971

Altitud 1.070 metros

Latitud 4-39 N.

Longitud 74-35 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	2.5	2.5	3.5	2.5	4.0	0.0	0.0	5.0	7.0	30.5	0.0	
2	0.0	10.5	2.0	12.5	0.0	0.0	0.0	1.5	2.0	11.0	38.5	56.5	
3	1.0	1.5	0.5	19.5	0.0	0.0	0.0	0.5	0.0	3.0	0.5	1.5	
4	0.0	14.0	3.5	5.5	1.5	0.0	0.0	0.5	0.5	28.5	7.5	20.5	
5	37.5	2.0	0.0	0.0	0.0	0.5	0.0	1.0	0.0	5.0	0.0	0.0	
6	4.0	0.5	0.0	0.0	0.5	2.5	4.0	2.5	4.0	0.5	0.0	0.0	
7	32.0	5.0	0.0	0.0	0.0	6.5	0.5	4.0	4.0	0.5	0.0	0.0	
8	23.5	0.5	0.0	1.5	0.0	0.0	1.0	0.0	0.0	0.0	0.5	0.0	
9	5.5	0.0	0.0	11.5	0.5	0.0	0.5	0.5	1.0	20.0	0.0	0.0	
10	6.5	0.0	0.0	0.0	4.0	0.0	4.5	0.0	1.0	7.0	0.0	0.0	
11	9.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.5	0.0	
12	0.5	0.5	0.5	1.0	0.0	9.0	0.0	3.0	1.0	2.0	6.5	0.0	
13	0.0	12.0	0.0	0.0	0.0	0.5	3.0	0.5	0.0	0.0	0.0	0.0	
14	11.5	2.0	0.0	0.5	2.5	0.0	2.0	2.5	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	2.0	2.0	0.0	0.0	
16	0.0	0.5	0.0	1.0	0.0	0.0	0.0	2.0	2.0	4.0	0.0	0.0	
17	0.0	2.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	1.5	0.5	0.0	
18	8.0	1.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
19	4.0	3.0	0.0	0.5	2.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	
20	0.0	0.0	4.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.0	
21	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	3.0	2.0	14.0	0.0	0.0	0.0	2.0	0.0	1.0	
24	0.0	0.0	0.0	0.0	1.5	0.5	0.0	0.0	0.0	0.0	16.0	20.0	
25	0.0	2.0	4.0	0.0	14.5	0.5	0.0	1.0	0.0	0.0	3.0	50.0	
26	4.0	0.0	4.5	0.0	0.0	0.0	0.0	2.0	0.0	1.5	1.0	3.0	
27	9.0	2.5	12.5	9.0	0.5	0.5	0.0	1.5	0.0	0.0	3.0	9.0	
28	6.0	2.0	31.5	0.5	0.0	0.0	0.0	0.0	0.0	3.0	6.5	0.0	
29	0.0	0.0	1.5	0.0	2.5	0.0	0.0	0.0	1.5	1.5	0.0	2.5	
30	0.0	5.0	5.0	0.0	0.0	0.5	0.0	0.0	1.5	1.0	0.0	0.0	
31	0.0	5.5	5.5	0.0	0.0	0.0	1.0	2.5	5.0	5.0	0.0	0.0	
Total	214.0	101.5	116.0	96.5	148.5	40.0	24.5	41.5	98.5	227.5	136.0	198.0	
D.LI.	22	18	19	16	19	11	11	19	14	22	18	14	
TOTALES ANUALES							1442.5 m.m			203			Días lluv

Estación LA PALMA

Municipio LA MESA

Año 1.971

Altitud 1.100 metros

Latitud 4-40 N.

Longitud 74-27 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	4.5	3.7	17.0	7.8	0.8	0.0		0.2	0.0	25.0	0.0
2	0.0	14.2	2.1	22.0	0.0	0.0	0.0		3.5	3.5	9.8	0.0
3	0.0	0.0	2.0	6.4	0.0	0.0	0.0		3.6	0.0	4.4	16.2
4	0.0	8.0	4.0	0.0	0.0	2.1	0.0		0.0	0.0	0.0	9.7
5	5.0	0.0	0.0	6.0	1.0	0.0	0.0		0.0	0.0	9.0	0.0
6	29.0	39.0	0.0	3.0	2.0	7.8	2.3		7.2	14.6	11.9	0.0
7	0.0	0.0	0.0	5.6	0.0	4.0	0.0		6.6	0.0	0.0	0.0
8	10.5	0.0	3.5	0.0	0.0	0.0	0.0		0.0	0.0	7.0	0.0
9	2.5	0.0	0.0	3.5	2.2	0.0	0.0		3.5	0.0	0.0	8.0
10	5.8	0.0	0.0	0.0	0.0	0.0	0.0		0.0	17.5	0.0	0.0
11	3.2	0.0	0.0	0.0	8.5	0.8	0.0		0.0	0.0	2.5	0.0
12	0.0	36.4	6.0	0.0	0.0	1.0	0.0		2.8	0.0	0.0	0.0
13	0.0	3.5	0.0	1.5	3.4	0.0	0.0		0.0	0.0	4.2	0.0
14	24.0	0.0	0.0	0.0	0.0	4.5	1.6		1.5	0.0	12.9	0.0
15	7.0	0.0	0.0	2.5	5.7	0.0	2.0		2.8	0.0	0.0	0.0
16	53.0	2.5	0.0	12.3	0.0	0.0	0.0		0.0	1.0	0.0	0.0
17	2.0	5.4	5.5	31.0	42.5	0.0	0.0		0.5	32.5	23.0	0.0
18	19.2	0.0	4.5	2.5	0.0	0.0	0.0		0.0	15.0	8.9	0.0
19	23.3	1.3	8.0	8.7	0.0	0.0	0.0		3.6	0.2	10.0	7.4
20	0.0	0.0	25.4	6.3	7.5	0.0	0.0		0.5	2.5	22.7	0.0
21	0.0	0.0	0.0	0.0	3.4	0.0	0.0		0.0	0.0	11.0	0.0
22	0.0	0.0	7.4	0.0	20.2	0.0	0.0		0.0	0.0	24.8	23.3
23	0.0	0.0	8.5	0.0	2.0	3.0	2.0		0.0	6.5	2.2	0.0
24	24.0	0.0	6.8	7.4	3.0	0.0	0.0		0.0	0.0	5.0	0.0
25	19.6	2.6	43.5	0.0	0.0	0.0	0.0		0.0	0.6	24.2	21.3
26	6.2	0.0	0.0	0.0	0.0	0.0	7.5		0.0	5.2	6.5	0.0
27	2.3	3.7	22.0	3.3	0.0	0.0	0.0		0.0	11.3	2.0	27.3
28	27.4	16.0	21.4	2.5	6.0	2.5	0.0		0.2	1.0	19.6	25.3
29	0.0	0.0	28.5	0.0	24.0	0.0	1.5		0.0	0.0	0.9	51.5
30	0.0	0.0	0.0	0.0	2.5	0.0	0.0		0.0	1.5	0.0	0.0
31	0.0	0.0	13.5	0.0	0.0	0.0	0.0		36.5	13.5	2.0	0.0
Total	342.0	140.1	241.0	158.3	251.5	45.0	31.9		75.0	205.1	288.3	190.0
D.LI.	19	13	18	18	19	9	6		14	15	23	9
TOTALES ANUALES							m.m			Días lluv		

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

Estación SECRETARIA DE AGRICULTURA Municipio LA MESA Año 1.971

Altitud 1.300 metros Latitud 4-38 N. Longitud 74-28 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	1.2	0.2	0.6	0.0	
2	0.0	14.4	0.0	12.4	0.0	0.0	0.0	0.0	0.4	10.2	31.0	0.0	
3	0.0	0.0	12.4	12.4	0.0	0.0	0.0	0.4	0.2	1.0	0.6	6.4	
4	9.2	12.4	17.2	0.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	6.4	0.0	0.0	0.0	0.6	1.0	0.0	0.6	0.4	0.0	0.0	0.0	
6	8.8	10.2	0.0	8.6	0.2	0.8	0.6	0.0	0.0	0.4	12.8	0.0	
7	21.2	8.6	0.0	0.6	20.8	0.0	0.0	0.0	0.0	10.6	0.0	0.0	
8	14.8	27.2	0.8	0.2	0.6	0.0	0.0	0.0	0.6	0.0	8.6	0.0	
9	10.4	0.0	12.4	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.2	0.0	
10	1.2	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	
11	0.0	0.8	0.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	10.4	0.0	
12	0.0	0.0	8.4	0.4	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	
13	0.0	8.4	17.2	0.0	14.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0	
14	0.0	0.0	6.4	0.0	0.0	12.4	0.0	0.6	0.4	12.8	0.0	0.0	
15	0.0	0.6	0.6	0.0	0.0	0.4	0.8	0.0	0.0	0.2	9.0	0.0	
16	10.4	0.0	0.6	10.4	0.4	0.8	0.6	0.0	8.2	0.4	0.0	0.0	
17	0.0	12.2	17.4	0.2	10.2	0.6	0.0	0.0	0.4	0.2	0.6	0.6	
18	0.0	1.0	0.0	16.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	10.4	
19	0.0	11.0	0.2	0.0	14.2	0.6	0.0	0.4	0.0	0.8	0.0	0.4	
20	0.4	14.2	20.8	9.0	0.0	0.6	0.0	0.2	0.0	14.2	0.6	12.6	
21	8.6	0.4	6.8	0.4	0.0	8.6	0.2	0.0	0.0	0.4	0.2	0.0	
22	0.0	0.0	12.8	0.6	0.0	6.2	0.0	0.4	0.0	0.4	0.0	0.0	
23	0.0	0.0	6.4	0.0	0.6	0.0	0.6	0.0	0.0	23.2	0.0	0.4	
24	0.0	0.0	0.0	0.0	0.6	0.0	6.4	0.0	0.0	0.4	15.4	12.4	
25	12.4	0.0	15.2	0.0	0.0	0.0	0.0	0.2	0.0	0.8	0.0	0.0	
26	5.6	10.4	0.6	0.0	0.6	0.4	0.0	0.0	0.4	0.6	0.4	0.0	
27	11.8	12.4	20.6	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	
28	0.6	0.0	14.8	0.0	16.2	0.0	0.0	0.0	0.0	6.8	10.8	0.0	
29	6.6	21.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	11.2	0.0	0.0	
30	0.0	16.4	18.8	14.4	18.8	0.0	0.0	0.0	12.4	12.2	14.8	0.0	
31	0.0	10.8	16.4	16.4	16.4	0.0	0.6	0.0	30.8	30.8	0.0	0.0	
Total	131.4	144.2	240.2	114.2	125.4	33.0	10.8	3.0	25.0	139.2	116.0	43.8	
D.LL.	15	15	23	16	16	12	9	8	12	24	15	8	
TOTALES ANUALES							1126.2 m.m			173			Dias lluv

Estación LAS GRANJAS Municipio MESITAS COLEGIO Año 1.971
 Altitud 1.400 metros Latitud 4-28 N. Longitud 74-28 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.2	3.5	0.2	24.2	3.0	0.0	0.8	0.4	0.5	12.0	28.7	0.3	
2	0.5	8.4	0.3	14.0	8.3	2.3	1.5	0.5	3.5	18.7	18.4	0.5	
3	3.4	22.5	12.2	12.3	12.5	0.0	1.0	0.3	15.4	18.3	8.0	0.2	
4	10.3	25.6	8.2	18.5	15.0	2.0	4.5	0.4	25.0	18.4	4.0	0.0	
5	5.3	62.3	0.2	4.2	12.3	1.5	10.3	0.2	22.7	24.0	7.3	0.0	
6	2.3	35.5	3.5	1.6	22.8	12.3	6.4	0.0	28.4	5.5	12.0	0.0	
7	13.0	30.3	3.5	0.5	25.5	1.0	8.4	0.0	14.3	16.0	9.2	0.0	
8	25.9	3.0	0.0	0.5	20.4	0.4	0.2	0.0	9.7	12.5	6.4	0.0	
9	18.5	0.5	0.0	0.0	32.0	0.0	0.0	0.0	10.4	5.0	10.2	0.0	
10	30.0	0.2	16.0	10.5	23.7	0.0	0.0	0.0	6.0	7.7	9.5	0.4	
11	18.5	6.1	12.3	0.2	32.3	0.0	0.0	0.0	0.4	0.0	22.3	3.4	
12	15.3	8.5	18.0	0.3	29.2	26.5	0.0	0.0	0.0	18.5	28.0	5.3	
13	6.4	4.5	1.0	2.3	29.2	0.0	0.0	0.0	0.0	12.4	24.1	12.5	
14	3.2	2.0	0.0	3.0	16.4	7.0	0.2	0.0	0.0	9.6	20.3	18.0	
15	8.4	1.3	5.0	0.2	15.0	6.5	0.5	0.0	0.0	12.3	12.0	26.4	
16	12.2	1.5	4.3	0.1	22.3	4.4	0.7	0.0	0.0	4.3	20.3	18.3	
17	15.6	6.0	3.5	0.4	18.3	8.2	0.6	0.0	0.0	15.3	26.3	22.2	
18	18.4	24.5	9.0	14.6	44.5	18.5	3.0	3.5	0.0	13.0	7.5	14.6	
19	22.3	4.5	6.5	16.8	24.5	9.5	5.3	6.4	0.0	9.2	4.0	21.5	
20	12.0	1.3	12.3	5.0	24.3	4.0	8.6	8.0	0.0	6.4	5.2	12.5	
21	2.0	0.2	26.0	6.5	4.5	12.4	12.7	12.0	0.5	5.3	8.6	8.4	
22	12.3	2.0	5.4	3.0	26.3	6.0	15.4	15.5	2.3	7.4	15.2	6.3	
23	15.0	0.2	14.5	1.0	35.7	11.5	7.3	28.3	6.3	9.5	12.3	4.0	
24	28.5	0.0	16.5	0.0	4.2	7.4	9.4	25.4	0.0	6.4	8.3	2.0	
25	35.5	1.0	30.5	0.3	18.5	18.5	6.6	22.6	12.5	8.3	4.3	2.0	
26	55.5	0.3	18.2	10.0	0.0	11.0	5.3	16.3	8.5	10.0	16.4	3.3	
27	8.2	0.0	35.5	3.0	3.0	6.2	2.3	16.0	4.5	6.4	9.5	0.0	
28	32.5	0.5	40.3	0.0	1.3	9.0	0.0	5.4	8.2	9.5	15.0	1.2	
29	6.3	0.0	30.5	0.0	8.0	0.2	0.0	0.0	7.0	7.0	6.3	0.0	
30	1.0	18.4	18.4	0.2	9.2	2.0	0.0	0.0	5.2	11.3	4.5	0.0	
31	0.5	18.5	18.5	0.0	0.0	0.0	0.3	0.0	0.0	22.5	0.0	0.0	
Total	459.2	256.2	365.5	153.3	536.5	188.3	111.3	161.5	191.3	332.7	383.1	182.9	
D.LL.	31	26	28	26	29	24	23	16	20	30	30	20	
TOTALES ANUALES							3321.8 m.m			303			Dias lluv

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

Estación **ATALA** Municipio **VIOTA** Año **1.971**

Altitud **1.160** metros Latitud **4-24 N.** Longitud **74-28 W.**

DÍAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	34.0	0.0	17.5	0.0	0.0	3.0	0.0	6.0	4.5	10.0	0.0	
2	3.0	14.0	0.0	5.0	12.0	0.0	1.0	1.0	0.0	38.0	18.0	0.0	
3	12.0	5.0	25.0	13.0	5.0	2.0	0.0	1.5	3.0	36.0	18.0	14.0	
4	18.0	0.0	0.0	6.0	5.0	2.0	0.0	1.0	0.0	4.0	2.0	0.0	
5	28.5	0.0	0.0	0.0	0.0	12.0	0.0	2.0	0.0	25.0	2.0	0.0	
6	4.5	7.0	0.0	0.0	0.0	14.0	0.0	0.0	39.0	25.0	0.0	0.0	
7	32.0	13.0	0.0	6.0	0.0	2.0	0.0	3.0	2.0	0.0	3.0	0.0	
8	12.0	14.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	21.0	30.0	0.0	
9	8.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	5.0	1.0	0.0	0.0	
10	4.0	0.0	0.0	0.0	0.0	5.0	0.0	2.0	0.0	5.0	0.0	0.0	
11	4.0	68.0	2.0	0.0	5.0	8.0	0.0	6.0	3.0	0.0	6.0	0.0	
12	0.0	12.0	0.0	0.0	0.0	0.0	8.0	0.0	4.0	0.0	0.0	0.0	
13	0.0	6.0	2.5	4.0	17.0	0.0	26.0	2.0	0.0	0.0	18.0	0.0	
14	0.0	0.0	2.0	0.0	2.0	1.0	0.0	30.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	2.0	8.0	3.0	0.0	0.0	1.5	0.0	28.0	0.0	0.0	
16	6.0	8.0	0.0	8.0	26.0	2.0	0.0	0.0	1.0	20.0	100.0	0.0	
17	85.0	48.0	8.0	4.0	17.0	0.0	0.0	7.0	3.0	16.0	0.0	0.0	
18	12.0	0.0	5.0	4.0	22.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	
19	27.0	3.0	12.0	6.0	7.0	0.0	0.0	6.0	0.0	0.0	0.0	19.0	
20	5.0	3.0	2.0	3.0	9.0	20.0	0.0	0.0	4.0	0.0	20.0	0.0	
21	3.0	2.0	0.0	0.0	3.0	41.0	0.0	6.0	0.0	11.0	11.0	68.0	
22	0.0	0.0	2.0	8.0	7.0	3.0	0.0	0.0	0.0	0.0	0.0	8.0	
23	5.0	0.0	8.0	0.0	5.0	9.0	0.0	1.0	0.0	0.0	9.0	0.0	
24	5.0	0.0	15.0	0.0	5.0	9.0	0.0	0.0	0.0	0.0	18.0	31.0	
25	6.0	3.0	5.0	0.0	0.0	0.0	0.0	16.0	0.0	5.0	10.0	4.0	
26	12.0	4.0	16.0	0.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	2.0	
27	48.0	3.0	4.5	33.0	0.0	0.0	0.0	0.0	5.0	12.0	11.0	4.0	
28	18.0	0.0	18.0	0.0	9.0	0.0	3.0	0.0	5.0	5.0	0.0	30.0	
29	5.0	15.0	5.0	13.0	0.0	0.0	0.0	0.0	4.5	16.0	0.0	0.0	
30	6.0	18.0	8.0	0.0	0.0	9.0	5.0	0.0	6.0	3.0	0.0	0.0	
31	33.0	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0	
Total D.Ll.	402.0	247.0	176.5	141.5	180.0	134.0	50.0	106.0	90.5	317.5	286.0	180.0	
	25	17	19	17	19	16	7	16	14	19	16	9	
TOTALES ANUALES							2311.0 m.m			194			Días lluv

Estación **LA VUELTA** Municipio **TIBACUY** Año **1.971**

Altitud **1.500** metros Latitud **4-21 N.** Longitud **74-27 W.**

DÍAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	2.0	2.5	22.5	0.0	0.0	0.0	10.2	3.0	10.1	12.0	0.0	
2	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	7.2	3.0	6.0	0.0	
3	1.5	3.0	0.0	22.0	9.5	0.0	4.5	0.0	0.0	2.2	5.5	0.0	
4	1.5	0.0	12.1	13.7	0.0	0.0	0.0	0.0	0.0	10.0	1.5	1.5	
5	0.0	10.0	0.0	0.0	0.0	0.0	3.0	5.9	0.0	0.0	8.0	0.0	
6	24.0	20.5	0.0	0.0	12.5	5.0	0.0	0.0	20.5	0.0	4.0	0.0	
7	39.0	0.0	0.0	1.9	0.0	4.5	0.0	0.0	0.0	1.5	0.0	0.0	
8	53.2	0.0	0.0	0.0	3.0	0.0	0.0	8.0	0.0	0.0	10.1	0.0	
9	0.0	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	1.5	0.0	
10	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	1.5	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	
12	0.0	27.2	1.5	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.3	0.0	0.0	0.0	
14	0.0	3.0	0.0	0.0	14.2	4.5	19.5	0.0	0.0	0.0	5.0	0.0	
15	0.0	0.0	0.0	1.9	0.0	6.0	1.3	0.0	0.0	0.0	0.0	0.0	
16	0.0	5.0	0.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	35.0	0.0	2.5	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	18.0	24.0	2.5	0.0	52.6	1.0	0.0	0.0	3.2	21.5	48.5	16.5	
19	8.0	10.7	0.0	7.0	0.0	0.0	0.0	2.3	0.0	12.3	0.0	1.0	
20	27.0	0.0	7.5	0.0	42.5	0.0	0.0	0.0	0.0	6.1	0.0	2.8	
21	0.0	0.0	0.0	5.2	23.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	3.6	0.0	
24	0.0	0.0	2.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	
25	2.0	0.0	25.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	10.1	26.5	
26	3.0	0.0	0.0	10.0	1.0	0.0	0.0	20.1	0.0	0.0	0.0	1.0	
27	9.0	12.0	0.0	15.0	0.0	5.0	0.0	0.0	0.0	0.0	1.0	0.0	
28	0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	
29	0.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	18.5	
30	0.0	0.0	0.0	0.0	37.0	0.0	0.0	2.2	2.5	0.0	0.0	0.0	
31	2.5	9.1	0.0	0.0	0.0	0.0	8.3	0.0	0.0	10.0	0.0	0.0	
Total D.Ll.	225.2	144.8	132.7	101.3	244.2	27.5	48.1	50.7	43.8	154.7	123.1	164.8	
	14	13	12	10	14	7	6	7	7	13	14	8	
TOTALES ANUALES							1460.9 m.m			125			Días lluv

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

Estación BETHANIA

Municipio FUSAGASUGA

Año 1.971

Altitud 1.380 metros

Latitud 4-21 N.

Longitud 74-24 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	15.0	10.0	20.0	0.0	15.0	0.0	0.0	0.0	50.0	9.0	0.0	
2	0.0	0.0	0.0	20.0	0.0	0.0	0.0	6.0	0.0	17.0	7.0	0.0	
3	0.0	10.0	5.0	35.0	10.0	15.0	0.0	0.0	2.0	6.0	4.0	0.0	
4	0.0	0.0	25.0	0.0	0.0	0.0	0.0	8.0	5.0	4.0	12.0	2.0	
5	0.0	0.0	0.0	0.0	0.0	10.0	0.0	6.0	8.0	7.0	14.0	0.0	
6	10.0	0.0	5.0	0.0	10.0	0.0	0.0	4.0	45.0	2.0	6.0	0.0	
7	40.0	0.0	0.0	10.0	0.0	0.0	6.0	2.0	3.0	0.0	4.0	8.0	
8	10.0	0.0	10.0	0.0	0.0	10.0	1.0	3.0	2.0	0.0	12.0	3.0	
9	20.0	20.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	0.0	9.0	4.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	10.0	4.0	0.0	0.0	4.0	0.0	0.0	0.0	
12	0.0	50.0	0.0	0.0	0.0	12.0	0.0	8.0	2.0	3.0	0.0	0.0	
13	0.0	0.0	0.0	10.0	10.0	4.0	4.0	3.0	0.0	2.0	0.0	2.0	
14	0.0	10.0	0.0	20.0	20.0	5.0	0.0	4.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	10.0	0.0	0.0	8.0	0.0	2.0	2.0	2.0	0.0	0.0	
16	0.0	0.0	0.0	20.0	0.0	6.0	0.0	0.0	4.0	0.0	0.0	0.0	
17	10.0	0.0	20.0	10.0	0.0	3.0	0.0	0.0	3.0	3.0	60.0	2.0	
18	20.0	0.0	0.0	0.0	0.0	7.0	0.0	3.0	1.0	7.0	6.0	10.0	
19	0.0	0.0	0.0	0.0	5.0	0.0	5.0	4.0	4.0	0.0	4.0	6.0	
20	0.0	20.0	0.0	0.0	15.0	0.0	0.0	16.0	5.0	2.0	10.0	30.0	
21	10.0	20.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.0	8.0	16.0	
22	0.0	0.0	20.0	0.0	0.0	13.0	0.0	0.0	0.0	4.0	12.0	8.0	
23	10.0	0.0	15.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	6.0	
24	0.0	0.0	0.0	0.0	10.0	0.0	0.0	8.0	0.0	2.0	4.0	4.0	
25	15.0	0.0	0.0	0.0	0.0	6.0	0.0	6.0	0.0	40.0	30.0	0.0	
26	10.0	20.0	35.0	0.0	0.0	0.0	0.0	28.0	2.0	4.0	7.0	2.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	28.0	28.0	0.0	
28	20.0	0.0	25.0	10.0	0.0	16.0	0.0	3.0	2.0	10.0	0.0	12.0	
29	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	12.0	0.0	50.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	22.0	18.0	0.0	2.0	
31	0.0	0.0	20.0	0.0	0.0	0.0	0.0	2.0	0.0	21.0	0.0	0.0	
Total	190.0	165.0	200.0	155.0	90.0	140.0	16.0	130.0	185.0	297.0	252.0	167.0	
D.Ll.	12	8	12	9	8	16	4	23	21	23	20	17	
TOTALES ANUALES							1987.0 m.m			173			Dias lluv

Estación VALSALICE
Altitud 1.450 metros

Municipio FUSAGASUGA
Latitud 4-21 N.

Año 1.971
Longitud 74-26 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	1.3	22.5	14.9	1.4	2.1	2.2	0.0	8.5	5.5		
2	0.0	3.7	1.2	18.3	0.3	2.1	2.2	0.0	3.5	0.7		
3	1.7	3.8	3.2	5.0	8.0	2.2	2.8	0.6	4.8	1.2		
4	0.0	0.8	9.2	1.2	8.5	2.5	5.5	3.1	1.5	26.5		
5	10.5	25.5	0.0	0.0	0.5	4.3	3.5	0.0	0.2	7.6		
6	36.2	60.0	0.0	0.0	0.5	0.3	0.0	6.4	6.6	6.3		
7	5.1	1.2	0.0	3.3	2.5	2.2	2.2	1.2	1.5	6.3		
8	17.2	0.9	0.0	2.9	1.7	2.2	2.2	0.0	2.0	0.0		
9	3.2	0.0	0.0	0.0	1.6	0.0	0.5	1.5	7.0	10.1		
10	0.3	0.0	1.3	0.0	1.6	3.0	0.0	1.8	0.6	25.4		
11	7.4	0.0	0.6	0.0	2.8	6.0	4.2	3.2	0.0	4.2		
12	1.0	3.4	3.5	1.4	6.4	6.6	20.0	0.0	4.0	10.3		
13	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.3	0.0	0.3		
14	10.4	0.0	0.0	0.2	2.2	0.0	0.0	15.0	0.0	0.0		
15	30.5	0.4	0.3	0.0	2.2	1.0	0.5	14.8	0.0	0.0		
16	0.6	0.0	2.0	0.0	0.0	5.0	0.0	0.8	0.0	3.0		
17	0.0	12.0	5.7	12.5	2.4	1.0	2.6	0.0	1.6	2.2		
18	3.0	1.0	13.0	2.0	17.0	0.2	2.0	0.0	0.0	7.2		
19	5.8	1.0	1.0	2.4	20.5	0.3	5.3	10.6	0.3	0.0		
20	30.5	0.0	0.0	1.2	0.0	1.4	0.0	0.0	0.0	0.0		
21	3.4	14.5	16.3	3.2	0.0	2.0	0.9	2.2	8.5	1.2		
22	0.3	0.8	3.7	3.2	22.5	5.1	6.0	0.0	0.0	14.7		
23	0.0	0.0	0.0	1.1	2.2	5.3	7.0	3.2	0.0	0.0		
24	2.5	0.0	4.3	0.0	0.0	1.1	0.0	0.8	0.0	4.5		
25	2.3	0.3	33.8	0.0	2.0	7.2	5.5	1.2	0.0	5.1		
26	0.0	6.2	0.0	2.2	0.0	0.0	1.2	10.5	0.0	17.0		
27	10.0	3.9	0.0	0.0	4.0	14.2	0.0	1.5	0.0	1.0		
28	0.0	0.0	19.3	5.0	4.0	15.2	0.0	0.5	0.0	1.0		
29	1.0	0.0	5.4	15.6	0.0	0.0	0.0	0.0	0.0	33.5		
30	0.0	0.0	5.3	12.9	24.6	0.0	0.0	0.0	7.8	1.5		
31	6.0	0.0	3.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0		
Total	188.9	140.7	154.6	108.5	151.8	94.0	66.3	78.2	74.4	197.5		
D.Ll.	22	18	20	19	25	24	17	19	15	24		
TOTALES ANUALES							m.m			Dias lluv		

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

Estación SECRETARIA DE AGRICULTURA Municipio FUSAGASUGA Año 1.971
 Altitud 1.800 metros Latitud 4-21 N. Longitud 74-22 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	4.0	4.5	22.0	4.5	0.0	4.5	2.0	10.5	22.0	12.0	2.5
2	0.0	0.0	6.0	34.0	8.0	0.0	2.0	0.0	6.5	13.0	19.0	0.0
3	0.0	4.5	2.5	4.0	4.5	2.0	2.5	0.0	0.0	5.5	24.0	0.0
4	0.0	8.0	28.0	0.0	10.0	4.5	0.0	6.0	0.0	0.5	12.0	0.0
5	10.5	20.0	0.0	0.0	0.0	0.5	0.0	2.0	4.0	2.5	19.5	0.0
6	38.5	24.0	0.0	0.0	6.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
7	38.5	22.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	30.5	0.0	0.0	0.0	0.0	2.5	2.0	4.0	2.5	0.0	0.0	0.0
9	20.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	4.5	6.0	0.0	0.0
10	0.0	4.0	2.0	0.0	0.0	2.1	6.0	2.5	0.0	4.5	0.0	0.0
11	0.0	4.5	2.5	0.0	6.0	8.0	8.0	0.0	2.0	0.0	2.0	0.0
12	0.0	2.0	0.0	0.0	2.0	0.0	4.0	0.0	4.0	0.0	7.5	0.0
13	2.0	0.0	4.5	0.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0
14	0.0	0.0	2.0	2.5	8.0	0.0	10.0	2.5	0.0	0.0	3.0	0.0
15	8.0	0.0	0.5	0.0	2.5	2.0	0.0	0.0	2.0	2.5	4.0	2.5
16	10.0	0.0	0.0	20.0	0.0	0.0	4.5	0.0	0.0	2.0	2.5	6.0
17	0.0	2.0	4.0	22.5	6.5	4.5	6.5	2.0	4.0	0.0	8.0	0.0
18	16.0	2.5	0.0	10.0	8.0	0.0	6.0	0.0	2.5	2.0	12.0	10.0
19	6.0	4.0	0.0	2.0	9.5	4.0	0.0	2.0	0.0	4.0	3.0	4.5
20	10.0	8.0	0.0	0.0	14.0	2.5	0.0	0.0	2.5	1.5	5.0	2.0
21	2.0	0.0	2.0	4.0	18.0	2.5	0.0	0.0	0.0	0.0	6.0	0.0
22	0.0	0.0	6.0	10.0	12.0	0.0	2.0	0.0	2.0	7.5	5.0	12.0
23	0.0	4.0	10.0	0.0	8.0	0.0	0.0	4.5	0.0	4.0	0.0	8.0
24	0.0	2.0	8.0	0.0	6.0	2.0	4.0	4.0	0.0	0.0	2.0	8.5
25	0.0	0.0	8.5	0.0	0.0	6.0	0.0	6.5	0.0	8.0	0.0	2.0
26	0.0	4.5	12.0	8.0	4.0	0.0	0.0	8.0	0.0	0.5	2.5	0.0
27	14.0	0.0	6.5	0.0	0.0	2.5	0.0	10.0	0.0	0.0	0.0	0.0
28	0.0	0.0	4.0	0.0	6.0	0.0	0.0	0.0	2.5	4.0	1.5	0.0
29	0.0	0.0	2.5	2.5	4.5	0.0	0.0	4.0	0.0	4.5	0.0	4.0
30	2.0	0.0	2.0	0.0	22.0	6.5	0.0	0.0	0.0	2.0	0.0	0.0
31	0.0	0.0	18.0	2.0	2.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0
Total	177.5	120.0	136.0	141.5	186.5	52.1	64.0	60.0	57.0	114.5	150.5	62.0
D.L.	14	16	21	12	24	15	14	14	14	22	19	11
TOTALES ANUALES							1321.6 m.m			196		Días lluv

Estación MONTERREONDO Municipio QUETAME Año 1.971
 Altitud 1.300 metros Latitud 4-19 N. Longitud 73-58 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	3.6	0.0	0.0	4.4	5.2	0.0	10.0	27.6	2.2	0.0	1.6	0.0
2	0.0	0.0	0.0	0.0	4.0	12.4	13.0	5.0	4.0	2.0	0.0	0.0
3	0.0	5.4	6.0	0.0	0.0	5.4	35.0	10.0	2.0	14.2	2.0	0.0
4	0.0	0.0	4.0	0.0	2.4	0.0	0.0	10.0	0.0	5.6	0.0	12.0
5	0.0	0.0	0.0	0.0	24.0	26.0	0.0	17.0	6.0	0.0	0.0	2.0
6	0.0	0.0	0.0	0.0	4.0	6.4	8.0	0.0	0.0	20.0	0.0	10.0
7	0.0	0.0	0.0	0.0	0.0	13.4	18.0	13.4	0.0	0.0	0.0	1.4
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.4	30.6	6.4	0.0	0.0
9	0.0	0.0	2.0	10.4	12.0	17.0	38.0	0.0	33.0	0.0	0.0	0.0
10	0.0	0.0	2.0	0.0	20.0	0.0	45.0	12.0	0.0	24.0	2.0	0.0
11	0.0	0.0	0.0	0.0	7.0	10.0	30.0	10.0	0.0	11.4	0.0	0.0
12	0.0	0.0	0.0	0.0	20.0	35.0	0.0	0.0	40.0	9.0	0.0	6.0
13	0.0	0.0	0.0	14.0	18.0	0.0	105.4	0.0	6.0	10.4	4.0	0.0
14	3.0	0.0	20.4	2.0	0.0	11.0	0.0	15.0	0.0	0.0	35.0	0.0
15	0.0	0.0	3.0	0.0	0.0	15.0	0.0	0.0	18.0	0.0	0.0	0.0
16	0.0	18.2	6.4	0.0	0.0	23.0	12.0	0.0	0.0	14.4	0.0	0.0
17	0.0	0.0	0.0	15.0	23.0	16.4	0.0	0.0	2.6	10.0	0.0	0.0
18	2.9	0.0	26.0	16.4	7.6	0.0	5.4	6.0	0.0	15.4	0.0	0.0
19	1.4	0.0	2.0	0.0	14.0	0.0	47.0	0.0	0.0	0.0	0.0	0.0
20	3.2	5.0	9.4	4.2	6.4	0.0	0.0	11.6	2.0	9.0	0.0	2.0
21	0.0	8.0	0.4	0.0	0.0	2.0	4.0	10.0	10.0	1.4	0.0	0.0
22	0.0	4.2	0.0	49.0	0.0	0.0	4.0	1.0	0.0	0.0	18.4	5.0
23	0.0	15.0	0.0	16.0	3.0	21.4	52.0	0.0	28.0	0.0	0.0	0.0
24	0.0	6.0	0.0	0.0	23.2	0.0	0.0	25.0	0.0	0.0	0.0	0.0
25	0.0	44.4	0.0	0.0	16.4	40.0	6.4	30.0	5.0	0.0	0.0	0.0
26	0.0	9.4	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0
27	6.3	0.0	0.0	0.0	11.0	24.0	17.0	0.0	2.0	1.4	33.0	0.0
28	0.0	0.0	2.4	15.0	6.0	15.0	20.4	6.0	14.0	11.0	3.0	14.0
29	0.0	0.0	7.6	0.0	17.0	10.0	6.6	0.0	15.0	6.0	2.0	1.0
30	0.0	0.0	8.0	0.0	4.0	12.0	0.0	18.4	3.4	0.0	0.0	0.0
31	3.0	0.0	11.4	7.0	7.0	0.0	10.0	42.0	0.0	3.4	0.0	0.0
Total	23.4	115.6	111.0	146.4	255.2	315.4	501.2	318.4	223.8	165.0	101.0	53.4
D.L.	7	9	15	10	22	19	21	19	18	17	9	9
TOTALES ANUALES							2329.8 m.m			175		Días lluv

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

Estación SAN JUANITO

Municipio TELLO

Año 1.971

Altitud 1.500 metros

Latitud 3-04 N.

Longitud 75-08 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	8.0	24.0	54.0	20.0	10.0	18.0	2.0	0.0	18.0	20.0	0.0	
2	0.0	10.0	2.0	52.0	6.0	6.0	6.0	6.0	4.0	8.0	14.0	2.0	
3	6.0	1.0	6.0	2.0	4.0	2.0	2.0	2.0	2.0	22.0	30.0	44.0	
4	16.0	28.0	14.0	4.0	4.0	1.0	1.0	8.0	4.0	16.0	10.0	6.0	
5	6.0	24.0	2.0	0.0	6.0	6.0	0.0	6.0	0.0	28.0	8.0	0.0	
6	52.0	0.0	0.0	0.0	32.0	6.0	6.0	2.0	10.0	2.0	8.0	0.0	
7	8.0	0.0	0.0	2.0	0.0	6.0	6.0	4.0	6.0	2.0	1.0	0.0	
8	20.0	6.0	0.0	4.0	0.0	0.0	0.0	1.0	16.0	2.0	2.0	0.0	
9	6.0	1.0	0.0	0.0	8.0	4.0	0.0	0.0	16.0	1.0	2.0	0.0	
10	0.0	10.0	0.0	6.0	0.0	0.0	2.0	4.0	2.0	2.0	0.0	0.0	
11	2.0	1.0	0.0	0.0	2.0	6.0	4.0	4.0	0.0	2.0	0.0	0.0	
12	6.0	0.0	4.0	8.0	0.0	2.0	6.0	2.0	6.0	1.0	18.0	0.0	
13	0.0	0.0	2.0	0.0	1.0	26.0	16.0	6.0	0.0	4.0	1.0	0.0	
14	3.0	10.0	14.0	16.0	10.0	6.0	1.0	0.0	0.0	10.0	8.0	0.0	
15	0.0	0.0	1.0	4.0	4.0	6.0	0.0	2.0	0.0	0.0	0.0	0.0	
16	30.0	8.0	1.0	8.0	1.0	14.0	0.0	0.0	6.0	4.0	10.0	0.0	
17	2.0	0.0	1.0	36.0	14.0	0.0	0.0	4.0	0.0	2.0	12.0	0.0	
18	22.0	2.0	14.0	8.0	14.0	2.0	0.0	4.0	0.0	6.0	8.0	6.0	
19	12.0	38.0	1.0	2.0	16.0	2.0	0.0	4.0	0.0	14.0	2.0	0.0	
20	16.0	16.0	4.0	2.0	2.0	0.0	0.0	1.0	4.0	0.0	12.0	6.0	
21	4.0	0.0	18.0	0.0	0.0	0.0	4.0	2.0	2.0	34.0	28.0	8.0	
22	2.0	4.0	0.0	12.0	12.0	6.0	1.0	2.0	2.0	34.0	16.0	28.0	
23	0.0	8.0	4.0	2.0	2.0	0.0	2.0	4.0	12.0	56.0	40.0	32.0	
24	0.0	0.0	28.0	2.0	8.0	0.0	0.0	4.0	0.0	0.0	18.0	10.0	
25	8.0	10.0	14.0	0.0	28.0	8.0	2.0	6.0	0.0	0.0	30.0	6.0	
26	8.0	4.0	6.0	4.0	8.0	1.0	2.0	2.0	0.0	46.0	4.0	2.0	
27	2.0	6.0	26.0	5.0	8.0	4.0	0.0	0.0	0.0	6.0	18.0	4.0	
28	0.0	1.0	32.0	2.0	0.0	3.0	2.0	0.0	0.0	2.0	6.0	2.0	
29	0.0		2.0	0.0	0.0	0.0	8.0	3.0	5.0	20.0	1.0	4.0	
30	0.0		6.0	0.0	0.0	0.0	0.0	4.0	2.0	8.0	0.0	1.0	
31	0.0		50.0	0.0	0.0	0.0	0.0	0.0		42.0	0.0	0.0	
Total D.LI.	231.0	196.0	276.0	235.0	210.0	127.0	89.0	87.0	103.0	378.0	327.0	161.0	
	20	20	24	21	22	21	18	24	16	27	26	15	
TOTALES ANUALES							2420.0 m.m			254			Días lluv

Estación MIRADOR

Municipio GARZON

Año 1.971

Altitud 1.000 metros

Latitud 2-12 N.

Longitud 75-38 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	3.4	1.5	4.6	24.2	12.1	0.0	2.7	3.4	1.5	2.0	2.0	2.5	
2	0.0	0.0	2.5	10.0	0.7	0.0	6.7	4.4	4.8	0.0	9.7	5.0	
3	7.5	2.5	4.8	0.0	9.7	5.0	16.5	6.0	0.0	27.3	5.0	0.0	
4	22.5	2.5	0.0	0.0	3.6	0.0	5.4	4.7	0.0	31.0	10.4	0.0	
5	2.5	0.0	7.0	0.0	15.5	9.7	7.2	0.0	15.5	5.8	36.0	0.0	
6	18.5	1.1	0.0	0.0	2.4	11.5	35.3	0.0	10.0	0.0	14.5	0.0	
7	13.3	0.0	0.0	3.3	0.0	3.5	32.7	15.5	12.9	0.0	0.0	0.0	
8	26.4	3.9	2.0	0.0	8.3	8.3	10.9	5.3	3.2	0.0	2.0	0.0	
9	2.7	0.0	0.0	17.5	3.0	4.5	0.0	0.0	0.0	5.4	4.0	8.6	
10	0.6	0.0	1.0	0.0	3.3	0.0	0.5	6.7	0.0	3.5	0.0	0.0	
11	30.2	19.4	5.0	0.0	1.5	0.0	0.0	0.0	4.7	26.7	0.0	10.0	
12	6.4	0.0	2.5	6.3	1.6	7.0	1.0	0.0	5.0	0.0	0.0	1.5	
13	1.7	0.0	7.5	0.0	0.0	5.0	7.0	18.2	2.7	10.5	5.5	0.0	
14	7.0	1.2	12.5	0.0	4.1	2.2	2.3	0.0	0.0	0.0	10.7	0.0	
15	1.0	2.2	13.5	0.0	25.5	1.5	0.0	7.0	0.6	0.0	1.5	0.0	
16	16.1	1.7	8.3	3.9	2.7	0.0	0.0	1.3	0.0	4.0	6.5	0.0	
17	0.0	17.0	0.0	11.3	6.0	0.0	0.0	7.5	0.7	16.5	2.1	0.0	
18	11.5	41.0	23.1	37.5	7.3	6.4	0.0	2.0	0.0	11.5	1.4	3.0	
19	7.4	10.9	7.5	0.0	11.2	0.0	2.7	0.0	0.5	12.0	0.0	2.0	
20	5.8	18.5	11.5	5.6	5.0	5.7	7.2	4.5	35.5	9.5	0.0	0.0	
21	0.0	6.5	9.5	8.0	0.0	4.5	8.4	0.0	14.0	0.0	0.0	6.4	
22	0.0	5.5	1.5	4.5	0.0	9.5	0.0	4.2	0.0	0.0	0.0	0.0	
23	0.0	9.0	5.5	12.6	6.7	19.0	3.8	0.0	0.0	0.0	10.9	0.0	
24	0.0	0.0	0.0	0.0	7.8	0.0	2.0	14.0	0.0	0.5	9.0	0.0	
25	0.0	0.0	5.7	2.5	10.6	0.0	0.0	10.0	3.0	0.0	0.0	0.0	
26	0.0	10.0	6.5	10.8	13.4	7.5	8.1	3.6	2.0	13.0	0.0	0.0	
27	4.3	8.6	5.0	0.0	6.5	0.0	0.0	0.0	0.0	10.0	0.0	16.0	
28	7.0	0.0	12.5	0.0	12.0	6.9	7.2	6.5	0.0	14.2	35.5	0.0	
29	2.0		12.5	5.8	0.0	15.4	4.3	1.7	22.8	3.0	0.0	0.0	
30	0.0		57.5	0.5	0.0	46.2	4.5	3.0	2.5	0.0	0.0	4.0	
31	0.0		25.6	0.0	0.0	0.0	7.0	0.0		15.5	0.0	0.0	
Total D.LI.	197.8	163.0	254.9	164.3	180.5	179.3	183.4	119.5	141.9	221.9	166.7	59.0	
	21	18	25	16	24	19	22	19	18	19	17	10	
TOTALES ANUALES							2032.2 m.m			228			Días lluv

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

Estación SAMANIEGO

Municipio SAMANIEGO

Año 1.971

Altitud 1.700 metros

Latitud 1-20 N.

Longitud 77-35 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	0.0	40.0	12.5	21.0	0.0	0.0	0.0	0.0		8.0	
2	0.0	0.0	28.0	6.5	35.5	0.0	0.0	0.0	0.0		28.0	
3	0.0	18.7	8.5	0.0	29.0	0.0	0.0	0.0	0.0		17.7	
4	25.0	28.0	10.0	0.0	3.0	0.0	0.0	25.5	3.0		23.0	
5	9.0	6.5	0.0	0.0	56.5	5.5	0.0	0.0	0.0		0.5	
6	11.0	0.0	0.0	0.0	0.0	11.5	0.0	2.5	1.5		0.0	
7	3.0	9.3	0.0	12.2	2.0	0.5	15.0	0.0	29.0		0.0	
8	0.0	14.0	6.0	0.0	0.5	0.0	0.0	0.0	9.5		0.5	
9	18.0	5.0	0.0	8.2	0.0	29.0	0.0	0.0	0.0		0.0	
10	5.0	10.0	8.5	13.3	0.0	6.0	0.0	0.0	0.0		0.0	
11	0.0	5.0	0.0	0.0	0.0	26.3	0.0	0.0	0.0		0.0	
12	0.0	11.0	37.5	0.0	0.0	9.3	0.0	0.0	3.5		0.0	
13	18.5	0.0	12.5	0.0	0.0	17.0	0.0	0.0	0.0		0.0	
14	12.0	0.0	0.0	13.0	5.5	0.5	0.0	0.0	0.0		21.0	
15	0.0	4.5	1.5	0.0	13.0	0.0	0.0	0.0	1.0		0.0	
16	0.0	0.5	7.0	0.0	0.0	0.0	0.0	12.0	0.0		8.0	
17	17.0	7.7	0.0	9.5	14.0	0.0	0.0	0.0	2.0		0.0	
18	9.5	7.4	22.2	0.5	0.0	18.5	0.0	0.0	0.0		9.5	
19	1.0	40.8	2.5	14.0	10.5	3.0	0.0	2.5	0.0		0.1	
20	5.5	9.0	11.0	0.0	0.0	0.0	0.0	0.0	5.5		1.0	
21	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
22	0.0	28.5	0.0	25.5	14.5	0.0	0.0	0.0	0.0		8.5	
23	0.0	0.0	0.5	1.0	5.0	0.0	0.0	7.0	0.0		10.0	
24	14.0	0.0	0.0	0.0	29.5	0.0	0.0	0.0	0.0		4.5	
25	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0		0.0	
26	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0		7.0	
27	0.0	0.0	1.5	11.0	0.0	0.0	0.0	0.0	0.0		4.5	
28	1.5	0.0	13.5	2.5	0.0	0.0	0.0	0.0	0.0		10.5	
29	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
30	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
31	1.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0		0.0	
Total	152.0	205.9	271.0	129.7	256.5	127.1	15.0	49.5	55.0		162.3	
D.Ll.	16	16	21	13	15	11	1	5	8		17	
TOTALES ANUALES										m.m		Dias lluv

Estación MARINGA

Municipio ACACIAS

Año 1.971

Altitud 540 metros

Latitud 4-00 N.

Longitud 73-46 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	0.0	5.0	5.0	9.0	0.0	16.5	2.5	5.0	30.0	0.0	3.0
2	0.0	0.0	0.0	0.0	0.0	2.0	34.0	0.5	3.5	4.5	0.5	0.0
3	0.0	0.0	0.0	0.0	0.0	10.0	43.0	4.0	10.0	5.0	18.5	0.0
4	0.0	0.0	0.0	0.0	0.0	34.0	76.0	6.4	0.0	1.0	0.0	0.0
5	0.0	37.0	0.0	0.0	30.0	30.5	0.5	51.5	7.5	0.5	5.0	0.0
6	0.0	0.0	0.0	0.0	0.0	6.0	12.0	11.5	6.0	3.5	6.0	0.0
7	0.0	0.0	0.0	0.0	47.0	50.0	3.5	22.0	16.0	52.0	0.0	0.0
8	3.0	0.0	0.0	0.0	0.0	7.5	20.5	9.5	10.0	4.0	0.5	0.5
9	0.0	0.0	0.0	0.0	0.0	15.0	34.0	0.0	53.0	5.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.5	0.0	8.0	0.0	0.0
11	0.0	0.0	4.0	0.0	0.0	0.0	18.5	4.5	0.0	0.0	9.0	0.0
12	0.0	0.0	0.0	0.0	25.0	44.0	4.0	1.5	9.0	0.5	0.0	0.0
13	0.0	0.0	5.0	5.0	0.0	0.0	5.0	3.0	5.0	14.0	0.5	18.0
14	2.0	0.0	14.0	0.0	0.0	0.0	3.0	0.0	3.0	0.5	0.5	0.0
15	0.0	0.0	20.0	0.0	26.5	2.0	8.5	1.0	10.0	0.0	7.0	0.0
16	0.0	0.0	0.0	0.0	5.0	20.0	6.0	3.0	8.0	5.5	0.0	0.0
17	0.0	0.0	5.0	0.0	0.0	2.5	0.0	5.0	0.0	3.0	3.5	0.0
18	0.0	0.0	0.0	0.0	15.0	4.0	3.5	1.5	0.0	0.0	20.5	1.5
19	0.0	0.0	20.0	0.0	27.0	0.0	28.0	12.5	3.0	0.0	13.5	3.0
20	17.0	1.0	0.0	1.0	1.0	0.5	30.5	0.0	0.0	3.5	30.0	0.0
21	0.0	6.0	34.0	152.0	0.0	7.5	20.5	0.0	2.0	7.5	0.5	5.0
22	0.0	14.0	0.0	0.0	24.0	12.0	19.5	0.0	0.0	35.0	12.0	16.0
23	0.0	1.8	0.0	56.0	0.0	3.0	52.0	5.0	0.0	17.5	12.0	0.0
24	0.0	0.0	0.0	25.0	47.0	16.5	3.0	13.0	0.0	55.0	0.0	0.5
25	0.0	0.0	0.0	14.0	0.0	42.0	7.5	33.0	0.0	2.0	0.0	0.0
26	2.0	0.0	0.0	0.0	21.0	6.0	4.0	5.0	0.5	0.0	0.0	0.5
27	0.0	0.0	3.0	7.0	0.0	16.0	34.5	0.5	0.5	0.5	31.0	38.5
28	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.5	0.0	0.5	0.0
29	0.0	0.0	3.0	29.0	2.0	58.5	0.5	5.0	5.0	5.0	32.0	2.0
30	0.0	0.0	27.0	49.0	14.0	64.5	1.5	8.0	0.5	15.0	0.5	0.5
31	0.0	0.0	37.0	0.0	0.0	0.0	3.0	40.0	0.0	50.0	0.0	0.5
Total	24.0	59.8	177.0	343.0	293.5	454.0	506.0	250.7	158.5	328.0	203.5	89.5
D.Ll.	4	5	12	10	14	23	30	26	20	25	20	13
TOTALES ANUALES										2887.5 m.m		Dias lluv

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

Estación SAN PABLO

Municipio SAN PABLO

Año 1.971

Altitud 1.780 metros

Latitud 1-38 N.

Longitud 76-59 W.

DÍAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	4.6	14.0	8.1	0.0	0.0	0.0	0.0	4.8	6.8	0.4	
2	0.0	21.0	0.0	22.8	6.4	0.0	0.0	0.0	0.0	42.6	54.6	18.5	
3	12.8	40.4	0.0	4.4	4.2	0.0	0.0	0.0	0.0	26.0	16.2	0.0	
4	52.2	34.4	8.8	0.0	6.4	4.6	0.0	0.0	0.0	15.4	0.0	0.0	
5	28.8	26.6	0.0	0.0	14.4	0.6	0.0	0.0	0.0	0.0	12.6	0.0	
6	44.6	0.0	0.0	0.0	0.0	4.0	18.6	0.0	0.0	0.0	0.6	0.0	
7	4.8	6.4	0.0	6.4	2.8	2.0	6.8	0.0	0.0	8.2	0.0	0.0	
8	5.4	4.4	0.0	6.0	0.0	0.0	0.0	0.0	13.2	2.0	0.0	0.0	
9	2.0	4.4	0.0	6.2	0.0	0.0	0.0	0.0	0.8	1.0	2.4	0.0	
10	0.0	10.2	0.0	0.0	0.0	2.6	0.0	0.0	0.0	26.6	0.0	6.8	
11	16.8	12.8	34.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
12	14.6	14.0	45.0	0.0	0.0	2.2	0.0	0.0	0.0	6.0	2.0	0.0	
13	9.8	8.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	42.4	0.0	0.0	3.4	0.0	8.2	0.0	0.0	0.0	0.0	6.8	0.0	
15	0.0	0.0	2.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	10.0	4.0	0.0	15.4	18.2	0.0	0.0	0.0	0.0	0.0	8.8	0.0	
17	4.4	2.8	4.0	17.4	0.0	0.0	0.0	0.0	0.0	4.2	58.6	12.8	
18	18.2	27.6	6.2	4.8	0.0	0.0	0.0	0.0	0.0	4.0	6.0	28.4	
19	6.0	4.4	0.0	22.6	0.0	2.2	1.2	0.0	0.0	0.0	17.4	0.0	
20	2.4	10.0	0.0	2.0	2.4	0.0	0.0	0.0	6.0	0.0	0.0	2.0	
21	6.2	0.0	10.8	0.0	0.0	0.0	2.4	0.0	0.0	12.6	8.6	12.8	
22	0.6	2.0	12.0	8.1	0.0	0.0	0.0	0.0	0.0	8.8	2.0	14.2	
23	0.0	0.0	32.0	0.6	4.2	0.0	0.0	0.0	5.0	2.0	0.0	10.0	
24	0.0	0.0	2.0	0.0	2.2	0.0	0.0	0.0	0.0	2.4	24.4	28.0	
25	0.0	0.0	7.0	0.0	0.0	0.0	2.4	0.0	4.2	18.6	8.6	6.0	
26	0.0	0.0	2.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	4.6	20.6	
27	0.0	0.0	4.0	0.4	0.0	0.0	1.4	0.0	0.0	0.0	18.0	0.0	
28	0.0	4.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	16.0	2.8	2.6	
29	0.0	0.0	6.0	0.0	0.0	0.0	1.2	0.0	0.0	20.4	4.0	8.6	
30	0.0	0.0	6.0	0.0	0.0	2.6	0.0	0.0	0.0	40.2	1.0	0.0	
31	12.8		7.6		0.0		1.2	0.0		18.4		0.0	
Total	294.8	237.4	206.6	141.5	69.3	31.0	35.2	6.4	32.4	325.4	266.8	171.7	
D.LI.	19	18	19	16	10	10	8	1	5	20	21	14	
TOTALES ANUALES							1818.5 m.m				161		Días lluv

Estación SOTOMAYOR

Municipio LOS ANDES

Año 1.971

Altitud metros

Latitud 1-28 N.

Longitud 77-30 W.

DÍAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	141.5	3.5	13.5	0.0	12.5				0.0	16.5	14.5	0.0
2	53.5	2.5	23.5	22.5	16.5				0.0	0.0	22.0	0.5
3	44.5	7.5	37.5	0.0	12.5				1.5	0.0	24.0	0.0
4	65.5	44.5	13.5	0.0	3.5				0.5	70.0	16.5	0.0
5	8.0	44.0	6.5	0.0	2.5				4.5	0.0	0.0	0.0
6	19.5	91.0	10.5	0.0	4.5				1.5	0.5	0.5	0.0
7	68.5	36.0	5.5	0.0	10.5				2.0	2.5	2.0	0.0
8	62.5	2.5	1.5	0.0	6.5				0.5	2.0	4.5	0.5
9	77.5	0.0	4.5	0.0	11.5				0.0	1.0	4.0	0.0
10	36.5	32.5	5.5	0.0	14.5				0.0	10.0	7.0	0.0
11	32.5	13.0	4.5	0.0	10.5				0.0	0.0	14.0	0.0
12	77.5	40.5	13.5	0.0	12.5				0.0	0.0	0.5	0.0
13	7.0	60.5	1.5	12.5	15.5				0.0	1.0	13.0	0.0
14	24.5	30.5	1.5	22.5	4.5				0.0	8.0	16.0	0.0
15	43.5	15.0	5.5	17.5	8.5				0.0	0.0	6.5	3.5
16	34.5	4.5	22.5	2.5	30.5				0.0	10.0	27.0	12.0
17	31.5	3.5	54.5	3.5	9.5				0.0	8.5	26.0	8.5
18	58.5	14.5	10.5	4.5	2.5				0.0	24.5	17.0	16.5
19	22.5	10.5	10.5	0.0	5.5				0.0	1.0	0.0	7.5
20	8.0	15.5	3.5	0.0	60.5				0.5	1.0	6.5	6.5
21	18.0	3.5	22.5	0.0	30.5				0.0	26.0	8.0	0.0
22	9.0	31.5	2.5	3.5	40.5				0.0	40.5	0.0	2.0
23	14.0	14.5	0.5	0.0	20.5				0.0	46.5	0.0	3.0
24	21.0	10.5	4.5	0.0	30.5				0.0	26.0	2.5	8.0
25	26.0	7.5	6.5	0.0	8.5				0.0	10.5	0.0	3.5
26	16.0	15.5	1.5	0.0	11.5				0.0	8.5	4.5	0.5
27	20.0	1.5	3.5	0.0	0.0				0.0	0.0	0.0	5.0
28	18.5	0.0	6.5	0.0	0.5				0.0	4.0	1.5	10.0
29	0.0	0.0	4.5	0.0	3.5				0.0	22.0	0.0	14.0
30	0.0	0.0	0.0	2.5	3.5				0.0	14.0	3.5	17.0
31	6.5		20.5		0.0				0.0	10.0		0.0
Total	66.5	556.5	350.0	114.0	405.5				11.0	364.5	241.5	118.5
D.LI.	29	26	30	10	29				7	24	23	17
TOTALES ANUALES							m.m				Días lluv	

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

Estación SAN JOSECITO

Municipio TOLEDO

Año 1.971

Altitud 1.900 metros

Latitud 7-18 N.

Longitud 72-28 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	1.5	3.0	7.0	5.0	3.0	5.7	17.7	20.0	13.0	3.0	2.0	0.0	
2	4.0	2.0	0.0	8.0	4.0	16.0	9.0	9.0	57.3	18.5	12.0	0.0	
3	0.0	5.5	3.5	45.0	5.0	9.5	37.0	4.0	25.5	4.5	5.5	0.0	
4	0.0	0.0	0.0	3.0	0.0	0.0	23.2	10.5	8.5	7.5	0.0	0.0	
5	7.0	8.0	8.0	0.0	0.0	12.0	15.0	6.0	25.4	2.0	9.0	0.0	
6	6.0	0.0	0.0	0.0	0.0	10.5	4.5	26.2	19.5	32.0	7.0	2.5	
7	4.3	4.5	11.5	8.0	0.0	0.0	2.3	0.0	6.5	5.0	14.0	18.0	
8	8.0	1.5	4.5	0.0	0.0	25.0	32.5	7.5	28.5	2.0	7.5	0.0	
9	4.0	0.0	15.5	3.0	8.0	13.5	7.5	10.0	8.5	0.0	3.0	0.0	
10	1.0	10.5	0.0	8.0	0.0	0.0	11.7	6.0	3.0	15.2	7.0	0.0	
11	0.0	0.0	2.0	0.0	7.0	0.0	35.0	0.0	11.0	4.5	0.0	0.0	
12	3.0	0.0	2.5	8.0	18.0	3.0	11.5	2.0	4.5	8.0	0.0	0.0	
13	8.0	4.0	11.5	33.0	0.0	15.5	6.8	0.0	22.0	11.5	8.0	0.0	
14	1.0	0.0	14.2	6.5	2.0	2.0	14.2	1.5	12.5	5.5	14.0	0.0	
15	3.0	0.0	18.0	0.0	0.0	20.5	8.5	0.0	26.5	0.0	0.0	0.0	
16	29.5	11.0	11.0	3.0	31.5	8.0	14.5	0.0	15.7	2.0	5.0	0.0	
17	8.5	0.0	0.0	21.3	6.7	8.0	13.0	0.0	25.0	32.0	1.5	0.0	
18	3.4	0.0	20.7	3.0	9.0	4.0	15.0	0.0	8.2	3.0	11.0	0.0	
19	5.5	8.5	4.5	0.0	0.0	3.0	17.4	2.0	4.5	3.0	4.0	0.0	
20	0.0	0.0	50.3	1.5	0.0	8.5	15.0	0.0	4.9	8.2	5.5	0.0	
21	3.4	3.5	4.0	4.3	0.0	0.0	9.2	4.5	2.0	0.0	0.0	0.0	
22	13.0	4.2	14.5	0.0	15.0	3.0	27.5	11.0	10.0	16.0	17.0	0.0	
23	0.0	3.0	15.0	11.0	11.5	15.2	12.5	10.5	6.0	13.5	0.0	3.0	
24	0.0	6.0	28.3	8.0	0.0	31.5	13.7	10.7	8.2	0.0	0.0	4.5	
25	4.0	0.0	3.0	3.0	0.0	18.5	12.5	13.9	1.5	41.0	0.0	0.0	
26	0.0	0.0	0.0	15.0	0.0	3.0	18.0	20.0	0.0	2.0	4.0	4.0	
27	9.5	0.0	7.0	4.8	0.0	0.0	12.5	14.7	0.0	12.0	13.0	0.0	
28	0.0	5.4	13.5	4.0	5.8	3.0	23.0	8.4	1.5	12.0	0.0	5.0	
29	8.5	8.0	0.0	10.8	10.5	10.5	19.9	24.0	22.0	7.5	10.0	4.0	
30	29.2	2.8	0.0	11.3	19.0	10.5	19.0	6.7	6.7	2.0	2.5	5.5	
31	8.0	16.5			9.3		17.0	4.0		0.0		6.0	
Total	173.3	80.6	298.7	208.6	162.7	268.4	487.6	233.1	388.4	273.4	162.5	52.5	
D.Ll.	23	15	25	21	17	24	31	23	28	26	21	9	
TOTALES ANUALES							2789.8 m.m			263			Días lluv

Estación CONCENTRACION AGRICOLA

Municipio LOURDES

Año 1.971

Altitud 1.900 metros

Latitud 7-58 N.

Longitud 72-50 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	45.0			43.0	0.0	10.0	0.0	0.0	0.0	2.0	
2	0.0	59.0			133.0	0.0	0.1	0.0	5.0	3.0	1.5	
3	0.0	12.0			32.0	2.0		7.0	0.0	63.0	2.0	
4	0.0	0.0			59.0	0.0		0.0	0.0	10.0	4.0	
5	0.0	0.0			31.0	0.0		0.0	5.0	0.0	1.0	
6	0.0	0.0			14.0	0.0		12.0	3.0	2.0	0.0	
7	0.0	31.0			0.0	0.0		0.0	0.0	0.0	1.0	
8	0.0	40.0			0.0	6.0		0.0	0.0	2.0	0.0	
9	0.0	0.0			7.0	0.0		0.0	5.3	0.0	1.0	
10	0.0	0.0			0.0	0.0		0.0	0.0	0.0	5.0	
11	53.0	0.0			2.0	0.0		22.0	0.0	2.0	1.0	
12	72.0	0.0			0.0	0.0		20.0	0.0	3.0	0.0	
13	45.0	0.0			0.0	0.0		27.0	5.0	0.0	0.0	
14	74.0	0.0			0.0	0.0		29.0	6.0	3.0	1.0	
15	58.0	0.0			0.0	0.0		8.0	2.0	1.0	0.0	
16	41.0	55.0			0.0	0.0		5.0	4.0	3.0	7.0	
17	0.0	4.0			0.0	0.0		11.0	5.0	2.3	2.0	
18	50.0	7.0			15.0	0.0		2.0	3.0	0.0	32.0	
19	36.0	0.0			3.0	0.0		0.0	1.0	0.0	10.0	
20	63.0	0.0			0.0	0.0		0.0	1.0	0.0	18.0	
21	0.0	0.0			22.0	0.0		0.0	0.0	6.0	0.0	
22	0.0	17.0			45.0	0.0		0.0	0.0	2.0	1.0	
23	0.0	0.0			0.0	0.0		5.0	1.0	4.0	0.0	
24	0.0	0.0			0.0	0.0		0.0	0.0	1.0	8.0	
25	0.0	0.0			17.0	0.0		3.0	0.0	6.3	0.0	
26	0.0	4.6			0.0	0.0		1.0	0.0	3.0	0.0	
27	0.0	9.0			0.0	0.0		1.0	0.0	0.0	1.0	
28	0.0	0.0			0.0	0.0		1.0	7.3	4.0	0.0	
29	0.0	0.0			0.0	0.0		0.0	27.0	4.0	0.0	
30	0.0	0.0			0.0	0.0		0.0	0.0	0.0	0.0	
31	0.0	0.0			0.0	0.0		4.0	0.0	0.0	0.0	
Total	492.0	283.6			430.5	8.0	10.1	157.0	80.6	184.3	177.5	
D.Ll.	9	11			14	2	2	15	15	19	19	
TOTALES ANUALES							m.m			Días lluv		

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

Estación DURANIA Municipio DURANIA Año 1.971

Altitud 1.200 metros

Latitud 7-53 N.

Longitud 72-39 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	0.0	0.0			24.7	0.0		0.0	32.6	0.0	0.0
2	18.4	0.0	18.4			0.0	0.0		46.2	0.0	36.8	0.0
3	0.0	24.0	16.4			0.0	0.0		28.4	0.0	42.0	36.4
4	9.6	0.0	0.0			18.4	0.0		11.6	0.0	8.4	40.4
5	26.4	6.0	0.0			0.0	0.0		0.0	0.0	40.8	0.0
6	0.0	0.0	24.0			8.9	0.0		0.0	23.0	20.6	0.0
7	24.0	0.0	0.0			11.4	0.0		0.0	0.0	0.0	0.0
8	0.0	0.0	0.0			0.0	0.0		28.6	0.0	0.0	0.0
9	0.0	0.0	0.0			15.8	0.0		14.4	0.0	0.0	0.0
10	0.0	0.0	0.0			0.0	0.0		0.0	0.0	64.8	0.0
11	14.2	0.0	0.0			0.0	0.0		0.0	0.0	0.0	0.0
12	0.0	0.0	0.0			26.4	0.0		0.0	0.0	0.0	0.0
13	0.0	26.0	0.0			8.6	0.0		0.0	0.0	0.0	0.0
14	34.6	0.0	36.0			0.0	0.0		0.0	46.8	0.0	0.0
15	0.0	0.0	0.0			0.0	0.0		32.6	58.4	0.0	0.0
16	0.0	15.4	0.0			0.0	0.0		0.0	63.5	0.0	0.0
17	7.0	0.0	0.0			0.0	0.0		0.0	0.0	40.0	0.0
18	5.0	0.0	0.0			0.0	0.0		0.0	0.0	0.0	0.0
19	0.0	0.0	0.0			16.4	0.0		0.0	0.0	0.0	0.0
20	0.0	0.0	48.0			0.0	0.0		0.0	0.0	0.0	0.0
21	0.0	0.0	36.0			0.0	0.0		0.0	0.0	46.8	0.0
22	19.6	0.0	0.0			0.0	0.0		46.7	68.4	0.0	0.0
23	0.0	28.6	0.0			0.0	0.0		0.0	56.8	0.0	0.0
24	0.0	10.6	0.0			0.0	0.0		8.4	0.0	0.0	0.0
25	0.0	0.0	0.0			0.0	0.0		0.0	0.0	0.0	0.0
26	0.0	0.0	0.0			0.0	0.0		0.0	46.2	0.0	0.0
27	28.0	0.0	0.0			38.4	0.0		22.0	38.4	0.0	0.0
28	0.0	0.0	0.0			19.4	0.0		22.2	0.0	0.0	0.0
29	0.0	0.0	0.0			0.0	0.0		0.0	43.6	0.0	0.0
30	0.0	0.0	0.0			8.6	0.0		28.6	0.0	0.0	0.0
31	44.4		0.0				0.0			6.4		0.0
Total	231.2	118.6	178.8			197.0	0.0		267.7	484.1	300.2	76.8
D.L.I.	11	7	6			11			10	11	8	2
TOTALES ANUALES											m.m	Dias
												llov

Estación TIERRA GRATA Municipio CUCUTILLA Año 1.971

Altitud 1.300 metros

Latitud 7-32 N.

Longitud 72-48 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	23.0	55.0	0.0	0.0	0.0	15.0	23.0	22.5	0.0	
2	10.0	12.0	10.0	6.0	31.5	0.0	5.0	20.0	0.0	5.0	0.0	0.0	
3	6.5	6.0	15.0	0.0	25.5	0.0	6.5	10.0	15.0	20.5	15.0	0.0	
4	0.0	8.5	6.5	0.0	46.0	0.0	0.0	5.0	0.0	20.5	8.5	0.0	
5	8.0	15.0	3.0	0.0	15.0	0.0	0.0	0.0	0.0	28.5	18.0	0.0	
6	10.5	4.0	0.0	0.0	17.5	0.0	0.0	8.5	3.0	8.5	31.0	0.0	
7	4.0	2.0	4.5	0.0	0.0	15.0	8.0	4.0	0.0	21.5	0.0	0.0	
8	3.5	0.0	10.5	50.0	6.0	6.0	0.0	5.0	0.0	29.5	46.0	0.0	
9	14.0	12.0	12.0	12.0	10.0	5.0	0.0	15.0	2.0	30.0	9.5	20.0	
10	9.5	8.5	0.0	0.0	0.0	0.0	4.0	10.5	0.0	0.0	18.5	8.5	
11	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	14.5	13.0	0.0	
12	20.0	0.0	9.0	8.0	0.0	0.0	0.0	0.0	0.0	35.0	11.5	0.0	
13	37.0	0.0	11.0	7.0	0.0	4.0	0.0	0.0	13.0	9.5	32.0	15.0	
14	6.5	0.0	11.5	21.0	22.0	5.0	3.0	0.0	4.0	0.0	17.0	5.5	
15	18.0	9.5	5.5	0.0	0.0	0.0	5.0	0.0	25.0	40.0	0.0	0.0	
16	7.5	0.0	13.0	0.0	35.0	0.0	0.0	0.0	0.0	24.5	10.5	12.0	
17	32.0	0.0	7.0	10.0	50.0	5.0	0.0	0.0	0.0	13.0	8.5	0.0	
18	0.0	0.0	15.0	19.0	35.0	6.0	0.0	25.0	0.0	0.0	56.5	0.0	
19	14.5	0.0	0.0	2.5	10.0	0.0	0.0	9.5	0.0	13.0	37.0	0.0	
20	18.5	16.5	4.0	16.5	12.0	0.0	0.0	3.5	10.0	11.5	33.0	6.0	
21	12.5	13.0	0.0	27.0	26.0	0.0	0.0	0.0	8.0	18.5	0.0	0.0	
22	9.0	5.5	0.0	4.5	28.0	0.0	6.5	0.0	6.0	12.5	31.0	0.0	
23	16.0	0.0	3.5	0.0	18.0	0.0	0.0	16.0	0.0	29.5	0.0	11.0	
24	0.0	0.0	0.0	13.0	15.0	5.5	2.0	7.5	0.0	15.0	40.5	8.0	
25	17.0	13.0	8.5	3.0	44.0	0.0	3.0	0.0	0.0	25.0	38.0	0.0	
26	7.5	18.0	6.0	0.0	14.0	0.0	0.0	6.5	6.0	21.0	8.5	0.0	
27	11.0	19.0	3.0	8.5	0.0	6.0	0.0	4.5	4.5	31.0	16.0	0.0	
28	8.5	0.0	6.5	6.0	8.5	0.0	7.5	32.0	6.5	0.0	4.5	13.0	
29	15.0		27.0	0.0	0.0	4.5	4.0	3.5	17.0	0.0	9.0	14.0	
30	16.0		38.5	0.0	0.0	0.0	0.0	0.0	22.0	8.0	0.0	3.0	
31	6.0		5.5	0.0	0.0	0.0	0.0	20.0		20.0		0.0	
Total	338.5	162.5	190.0	304.5	524.0	62.0	56.5	218.5	162.0	528.5	535.5	116.0	
D.L.I.	26	15	23	19	21	10	12	17	16	26	24	11	
TOTALES ANUALES											3198.5	m.m	Dias
													llov

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

Estación BREMEN

Municipio CIRCASIA

Año 1.971

Altitud 2.040 metros

Latitud 4-38 N.

Longitud 75-38 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	4.8	12.3	2.0	58.0	1.3	4.3	2.5	2.0	5.5	6.9	1.3	
2	0.0	0.5	37.6	74.0	5.1	18.9	7.0	0.0	1.7	7.0	19.4	2.5	
3	42.5	20.9	7.3	38.0	44.8	3.5	3.5	4.5	1.7	30.0	1.9	4.5	
4	7.9	24.0	6.8	0.0	12.8	0.0	0.5	14.4	0.0	17.2	3.4	27.0	
5	16.5	38.3	30.7	8.3	35.8	32.5	10.5	0.7	0.5	7.3	19.0	0.0	
6	46.4	14.0	16.7	0.0	0.3	41.6	0.2	3.0	4.5	6.5	2.0	0.0	
7	35.0	12.0	9.0	11.0	0.0	1.4	4.4	3.8	3.6	9.3	5.0	2.0	
8	27.0	32.1	7.5	10.0	0.0	2.7	0.4	0.0	5.0	16.4	16.3	25.0	
9	5.0	23.2	0.0	3.0	1.0	42.0	0.3	1.4	0.2	21.0	6.9	0.0	
10	8.0	19.4	28.6	34.0	5.7	4.7	0.0	1.4	1.1	21.3	0.0	0.6	
11	9.9	19.3	0.1	7.9	0.0	3.2	0.0	6.0	1.8	23.5	0.0	0.0	
12	20.5	12.0	10.0	19.0	0.8	0.0	6.0	3.5	10.0	2.2	29.3	0.0	
13	22.9	30.0	2.5	0.0	1.3	37.0	6.5	0.0	0.0	0.0	12.0	0.0	
14	12.5	2.0	16.5	9.5	17.0	0.6	2.0	0.0	0.0	0.0	38.9	0.0	
15	0.0	23.5	14.3	6.5	30.0	0.0	0.0	5.5	2.0	0.0	2.8	2.2	
16	14.4	0.2	62.4	26.1	1.5	1.2	0.0	10.0	10.0	0.0	25.3	26.5	
17	6.0	12.9	24.8	30.0	22.4	0.0	0.0	14.5	0.0	2.2	21.2	15.4	
18	17.0	19.5	10.0	9.3	13.7	8.6	0.0	24.5	0.0	7.3	25.4	4.3	
19	19.3	22.5	15.4	3.0	5.0	3.0	0.0	1.5	10.0	5.9	14.0	0.0	
20	0.0	25.0	18.0	49.8	12.4	11.6	0.0	12.3	5.0	6.2	1.9	2.5	
21	0.7	6.0	2.3	0.0	5.3	1.8	0.0	9.0	2.0	11.2	2.5	7.5	
22	0.0	22.5	21.3	3.8	9.3	18.7	0.0	2.0	0.0	5.1	19.3	37.0	
23	3.0	0.0	49.9	14.0	2.3	6.3	0.0	6.0	0.0	2.0	5.7	8.2	
24	29.0	0.0	39.9	0.0	13.0	0.0	0.0	3.8	0.0	2.8	32.3	8.0	
25	0.5	0.0	0.0	0.0	27.5	2.0	8.0	5.4	0.5	1.3	26.0	4.2	
26	5.8	1.4	36.2	0.0	1.7	0.2	2.6	51.4	17.0	0.0	3.7	19.5	
27	2.0	17.8	5.0	52.5	4.5	2.0	0.0	1.9	0.0	30.0	0.0	8.6	
28	10.8	8.6	4.5	2.8	5.2	20.0	0.0	0.0	0.0	17.6	21.3	1.7	
29	1.8	6.0	0.0	0.0	3.0	0.3	0.0	0.0	16.3	1.0	6.5	7.3	
30	0.0	32.5	2.8	7.0	7.0	7.2	3.0	1.0	13.1	35.0	0.0	0.0	
31	22.5	9.8	0.0	0.0	0.0	0.0	0.2	0.5	22.0	22.0	0.0	0.0	
Total	386.9	412.6	546.6	418.6	346.9	272.3	59.4	190.5	108.0	316.8	368.9	215.8	
D.LI.	25	26	30	23	27	25	16	25	20	26	26	21	
TOTALES ANUALES							3643.3 m.m			290			Dias lluv

Estación VIVERO

Municipio QUIMBAYA

Año 1.971

Altitud 1.400 metros

Latitud 4-37 N.

Longitud 75-46 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	21.0	19.0	37.0	0.0	0.0	18.0	14.0	8.0	0.0	
2	0.0	2.0	8.0	3.0	4.0	0.0	29.0	8.0	0.0	5.0	17.0	0.0	
3	0.0	0.0	41.0	9.0	34.0	0.0	0.0	0.0	11.0	28.0	0.0	5.0	
4	0.0	79.0	0.0	0.0	23.0	45.0	13.0	21.0	35.0	0.0	2.0	0.0	
5	53.0	0.0	0.0	0.0	6.0	35.0	0.0	5.0	0.0	0.0	0.0	0.0	
6	15.0	18.0	0.0	4.0	0.0	5.0	0.0	0.0	1.0	1.0	9.0	2.0	
7	16.0	12.0	4.0	21.0	15.0	8.0	10.0	2.0	14.0	8.0	2.0	2.0	
8	15.0	0.0	2.0	0.0	0.0	5.0	0.0	0.0	2.0	0.0	0.0	0.0	
9	11.0	14.0	0.0	18.0	35.0	0.0	0.0	0.0	0.0	13.0	55.0	0.0	
10	2.0	5.0	0.0	1.0	0.0	0.0	0.0	4.0	0.0	8.0	0.0	0.0	
11	0.0	0.0	12.0	4.0	12.0	7.0	0.0	0.0	2.0	0.0	0.0	0.0	
12	2.6	22.0	0.0	0.0	0.0	9.0	16.0	5.0	12.0	1.0	9.0	0.0	
13	0.0	15.0	9.0	0.0	0.0	11.0	10.0	2.0	1.0	2.0	0.0	0.0	
14	0.0	0.0	39.0	5.0	22.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
15	0.0	11.0	9.0	2.0	17.0	1.0	2.0	3.0	33.0	0.0	5.0	2.0	
16	0.0	9.0	25.0	3.0	5.0	1.0	0.0	2.0	32.0	2.0	4.0	17.0	
17	4.0	13.0	16.0	53.0	3.0	0.0	0.0	0.0	0.0	0.0	66.0	3.0	
18	1.0	43.0	4.0	2.0	28.0	8.0	0.0	4.0	0.0	12.0	5.0	0.0	
19	21.0	4.0	12.0	0.0	0.0	0.0	0.0	2.0	5.0	17.0	0.0	0.0	
20	1.0	12.0	14.0	27.0	43.0	3.0	0.0	3.0	13.0	22.0	13.0	6.0	
21	7.0	4.0	2.0	0.0	0.0	6.0	1.0	0.0	5.0	38.0	2.0	0.0	
22	0.0	0.0	23.0	26.0	32.0	3.0	4.0	0.0	0.0	3.0	0.0	12.0	
23	0.0	0.0	25.0	0.0	0.0	0.0	0.0	10.0	0.0	21.0	0.0	0.0	
24	0.0	0.0	17.0	0.0	3.0	0.0	0.0	1.0	0.0	4.0	43.0	17.0	
25	0.0	0.0	14.0	0.0	21.0	15.0	24.0	34.0	14.0	24.0	17.0	5.0	
26	0.0	2.0	2.0	0.0	0.0	0.0	2.0	27.0	3.0	0.0	9.0	0.0	
27	0.0	0.0	21.0	6.0	1.0	0.0	0.0	0.0	0.0	2.0	16.0	3.0	
28	21.0	0.0	108.0	3.0	13.0	0.0	0.0	0.0	0.0	29.0	6.0	24.0	
29	15.0	2.0	0.0	0.0	81.0	0.0	19.0	0.0	24.0	0.0	6.0	7.0	
30	0.0	4.0	12.0	0.0	8.0	12.0	0.0	3.0	6.0	19.0	0.0	0.0	
31	7.0	4.0	0.0	15.0	15.0	0.0	0.0	8.0	31.0	31.0	0.0	0.0	
Total	191.6	265.0	417.0	220.0	440.0	211.0	130.0	144.0	231.0	304.0	294.0	105.0	
D.LI.	15	16	24	18	22	17	11	18	18	22	19	13	
TOTALES ANUALES							2952.6 m.m			213			Dias lluv

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

Estación TAPARCAL

Municipio BELEN DE UMBRIA

Año 1.971

Altitud 1.400 metros

Latitud 5-11 N.

Longitud 75-52 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	18.3	0.0	0.5		1.0	13.5	0.0	0.0		4.0		
2	5.0	13.0	23.0		0.0	0.0	9.5	0.0		0.0		
3	6.0	6.5	15.0		31.0	0.0	8.5	0.5		12.5		
4	4.0	6.5	0.0		0.0	8.7	0.0	32.7		32.0		
5	12.0	3.5	0.0		14.0	7.0	0.0	0.0		14.5		
6	26.5	0.0	2.0		0.0	2.0	0.0	0.0		14.0		
7	95.2	1.5	1.5		13.5	27.5	3.0	0.0		8.0		
8	4.2	0.0	0.0		0.0	0.0	0.0	4.5		0.0		
9	0.0	0.0	0.0		5.5	5.5	1.5	2.0		0.0		
10	16.0	10.5	26.5		0.0	0.0	0.0	2.5		12.0		
11	3.0	0.0	3.0		17.0	9.0	0.5	15.0		6.5		
12	19.5	8.7	13.5		3.0	26.0	2.5	0.0		6.0		
13	0.0	42.0	0.0		8.0	50.5	10.0	0.0		3.0		
14	0.0	1.0	6.0		24.5	0.0	2.0	2.5		0.5		
15	0.0	0.0	4.0		0.0	0.0	0.0	0.0		1.5		
16	68.0	4.0	9.5		17.0	0.0	0.0	28.0		2.0		
17	11.0	53.5	37.0		4.5	20.0	0.0	5.0		0.0		
18	3.0	41.5	16.0		4.5	10.0	0.0	2.5		13.0		
19	7.9	32.5	32.0		0.0	16.0	0.0	3.5		3.0		
20	2.0	3.5	19.5		33.5	12.5	0.0	27.0		9.5		
21	0.0	38.5	35.0		2.5	15.5	0.0	7.5		5.5		
22	0.0	3.5	42.0		6.5	3.5	17.5	0.0		0.0		
23	4.0	0.0	10.5		4.5	9.7	28.0	25.5		0.0		
24	0.0	0.0	11.0		21.5	6.5	0.0	47.0		26.0		
25	0.0	9.5	42.5		20.5	2.0	6.0	35.5		0.5		
26	0.0	0.0	18.0		0.5	0.0	0.0	35.5		0.0		
27	0.0	4.0	18.0		10.0	5.5	2.0	4.5		0.0		
28	7.5	0.0	78.0		0.0	0.0	0.0	0.0		24.0		
29	1.5		15.0		0.0	20.0	4.0	0.0		1.5		
30	0.0		23.5		33.5	0.0	25.2	0.5		50.5		
31	2.5		0.0		6.0	6.0	6.5	0.0		3.0		
Total	317.1	283.7	502.5		282.5	260.4	126.7	281.7		252.5		
D.Ll.	20	18	25		22	20	15	19		23		
TOTALES ANUALES								m.m		Días lluv		

Estación LOS CAMBULOS

Municipio PEREIRA

Año 1.971

Altitud 1.240 metros

Latitud 4-50 N.

Longitud 75-52 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	2.0	0.0	2.0	0.0	11.0	0.0	0.0	2.0	43.0	3.0	
2	0.0	4.0	9.0	0.0	0.0	4.0	50.0	0.0	2.0	6.0	10.0	
3	24.0	27.0	20.0	13.0	42.0	0.0	51.0	12.0	2.0	20.0	20.0	
4	11.0	26.0	0.0	0.0	8.0	0.0	2.0	24.0	0.0	2.0	3.0	
5	22.0	2.0	0.0	0.0	10.0	26.0	0.0	0.0	0.0	1.0	0.0	
6	63.0	0.0	6.0	0.0	0.0	16.0	0.0	0.0	6.0	25.0	11.0	
7	9.0	9.0	0.0	22.0	6.0	1.0	0.0	0.0	7.0	3.0	1.0	
8	12.0	0.0	0.0	0.0	30.0	7.0	0.0	0.0	7.0	0.0	28.0	
9	0.0	0.0	3.0	5.0	20.0	0.0	0.0	9.0	0.0	0.0	8.0	
10	0.0	0.0	4.0	0.0	0.0	10.0	0.0	14.0	0.0	26.0	0.0	
11	0.0	0.0	7.0	0.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	
12	26.0	0.0	0.0	8.0	0.0	14.0	18.0	0.0	32.0	11.0	2.0	
13	0.0	25.0	7.0	0.0	0.0	14.0	0.0	0.0	6.0	5.0	14.0	
14	0.0	0.0	10.0	17.0	16.0	4.0	0.0	4.0	4.0	0.0	5.0	
15	0.0	0.0	50.0	2.0	20.0	0.0	3.0	4.0	5.0	1.0	0.0	
16	3.0	12.0	28.0	10.0	3.0	0.0	0.0	0.0	7.0	0.0	3.5	
17	8.0	8.0	12.0	20.0	10.0	0.0	1.0	4.0	0.0	11.0	4.0	
18	0.0	7.0	50.0	0.0	12.0	3.0	0.0	2.0	10.0	7.0	0.0	
19	18.0	30.0	40.0	0.0	0.0	0.0	0.0	6.0	2.0	1.0	2.0	
20	0.0	0.0	13.0	8.0	11.0	0.0	0.0	2.0	2.0	0.0	4.0	
21	0.0	3.0	17.0	0.0	11.0	18.0	0.0	0.0	0.0	17.0	5.0	
22	0.0	1.0	4.0	6.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0	0.0	32.0	13.0	
24	5.0	18.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	4.0	
25	8.0	0.0	20.0	0.0	30.0	3.0	18.0	16.0	24.0	1.5	11.0	
26	2.0	1.0	0.0	0.0	15.0	0.0	0.0	17.0	3.0	0.0	12.0	
27	0.0	0.0	14.0	10.0	0.0	3.0	0.0	2.0	0.0	0.0	33.0	
28	16.0	0.0	9.0	10.0	0.0	0.0	0.0	0.0	0.0	13.0	2.0	
29	3.0		0.0	0.0	52.0	3.0	0.0	0.0	30.0	10.0	0.0	
30	0.0		5.0	0.0	3.0	13.0	0.0	2.0	6.0	12.0	0.0	
31	1.0		18.0		7.0		0.0	2.0		7.0		
Total	231.0	175.0	369.0	123.0	306.0	154.0	144.0	172.0	157.0	263.5	198.5	
D.Ll.	16	15	22	12	18	18	8	17	18	22	22	
TOTALES ANUALES								m.m		Días lluv		

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

Estación VILLANUEVA

Municipio CHARALA

Año 1.971

Altitud 1.450 metros

Latitud 6-16 N.

Longitud 73-08 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	38.5	6.5	40.0	0.0	0.0	2.0	0.0	0.0	16.0	16.0	26.0	0.0	
2	20.0	16.0	2.0	16.0	30.0	0.0	0.0	22.0	0.0	6.0	60.0	0.0	
3	46.0	8.5	0.0	0.0	18.5	20.0	6.5	0.0	26.0	18.0	6.0	0.0	
4	8.0	48.0	6.0	0.0	0.0	4.0	6.0	14.5	16.0	26.0	22.0	0.0	
5	12.0	0.0	2.0	10.0	8.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
6	28.0	0.0	2.0	0.0	0.0	14.5	0.0	6.0	0.0	60.0	8.0	0.0	
7	2.0	16.0	0.0	44.5	24.0	2.0	0.0	2.0	28.0	10.0	2.0	0.0	
8	0.0	0.0	6.0	26.0	6.0	0.0	0.0	0.0	18.0	8.0	0.0	16.0	
9	0.0	0.0	6.0	0.0	10.0	6.5	0.0	0.0	8.0	24.0	16.0	0.0	
10	22.5	0.0	6.5	0.0	18.0	0.0	0.0	8.0	2.0	8.0	6.0	22.0	
11	0.0	0.0	18.0	0.0	76.0	4.0	6.0	0.0	0.0	12.0	6.0	0.0	
12	30.0	0.0	10.0	26.0	22.5	4.5	0.0	0.0	6.5	0.0	4.0	12.5	
13	18.5	8.0	8.0	48.5	6.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
14	10.0	24.0	8.0	8.5	6.5	0.0	7.0	6.0	10.5	18.0	14.0	0.0	
15	0.0	0.0	26.0	8.0	28.0	0.0	0.0	20.0	34.0	10.5	4.0	12.0	
16	0.0	24.0	16.5	22.0	14.0	16.0	14.0	2.0	28.0	46.0	56.0	0.0	
17	52.0	32.5	0.0	14.5	22.0	0.0	80.5	0.0	22.5	20.0	2.0	0.0	
18	22.0	20.0	20.5	4.0	32.5	0.0	6.0	2.0	6.0	8.0	0.0	0.0	
19	0.0	66.0	8.0	20.0	0.0	0.0	12.0	30.5	10.0	46.0	0.0	0.0	
20	2.0	0.0	0.0	4.0	34.0	6.0	2.0	8.5	4.0	2.0	0.0	8.0	
21	0.0	26.5	30.0	20.0	20.0	2.0	0.0	38.0	6.0	0.0	0.0	4.0	
22	0.0	0.0	18.5	10.5	0.0	4.5	8.0	0.0	8.0	0.0	12.0	50.5	
23	0.0	24.0	0.0	0.0	98.0	0.0	0.0	2.0	0.0	62.0	0.0	4.0	
24	0.0	4.0	0.0	0.0	20.0	0.0	0.0	24.0	2.0	0.0	1.0	6.0	
25	0.0	8.0	10.0	18.5	0.0	44.0	26.0	18.0	0.0	0.0	30.0	26.0	
26	0.0	10.5	0.0	12.0	10.5	96.0	0.0	0.0	0.0	6.0	0.0	6.0	
27	0.0	16.0	26.0	6.0	6.0	2.0	0.0	6.0	0.0	20.5	2.0	12.0	
28	0.0	20.0	10.0	0.0	0.0	6.0	6.0	16.0	10.0	36.0	0.0	16.0	
29	0.0	0.0	10.0	8.0	2.0	0.0	6.5	2.0	30.0	4.0	0.0	0.0	
30	0.0	0.0	2.0	32.0	10.0	0.0	0.0	2.0	0.0	50.0	0.0	12.0	
31	0.0	0.0	10.0	38.0	38.0	0.0	2.0	0.0	0.0	8.0	0.0	6.0	
Total D.L.	311.5 14	378.5 18	302.5 24	359.0 20	560.5 24	234.0 16	188.5 14	229.5 19	291.5 20	551.0 26	277.0 18	213.0 15	
TOTALES ANUALES								3896.5 m.m			228		Días lluv

Estación ZARAGOZA

Municipio RIONEGRO

Año 1.971

Altitud 1.100 metros

Latitud 7-17 N.

Longitud 73-09 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	8.7	14.0	0.0	50.5	10.0	0.0	0.0	1.5	4.0	0.0	17.9	0.0	
2	10.0	5.5	0.1	2.9	1.8	0.0	0.0	0.0	2.2	21.8	1.7	7.7	
3	45.5	0.0	0.6	15.0	28.5	0.0	0.0	0.0	3.3	15.0	0.0	0.0	
4	9.6	22.0	0.3	0.0	0.0	0.0	0.2	4.5	5.5	7.0	1.0	0.0	
5	0.2	0.0	0.0	0.0	0.2	4.2	0.0	0.2	15.0	8.0	5.5	0.0	
6	2.3	0.0	0.0	0.0	0.2	5.6	0.0	3.2	0.4	0.1	2.0	0.0	
7	2.1	0.0	0.0	0.2	6.2	0.0	49.0	1.5	10.0	0.3	12.5	0.0	
8	0.0	6.5	1.0	0.0	28.5	0.0	0.0	0.0	15.6	1.1	0.1	0.0	
9	14.7	0.0	0.0	0.0	19.0	0.0	0.0	27.5	5.0	0.1	0.1	0.0	
10	0.0	0.0	10.1	1.8	26.6	0.0	8.0	0.0	0.0	6.5	4.5	0.0	
11	0.0	0.0	8.3	0.0	4.5	0.0	1.5	0.0	0.0	6.0	1.5	0.0	
12	7.8	23.8	8.9	13.8	3.0	3.2	0.0	2.0	0.0	4.0	0.0	16.3	
13	7.3	0.0	6.2	38.8	1.0	0.0	0.0	0.0	0.6	5.0	3.1	0.0	
14	2.3	2.9	2.5	8.0	3.0	0.0	0.0	47.0	4.5	0.0	3.2	0.5	
15	0.0	5.6	0.1	0.5	9.0	0.0	0.3	0.2	10.0	5.0	0.1	5.0	
16	54.0	3.1	2.2	0.0	0.0	0.0	0.0	0.1	11.4	6.0	1.0	0.0	
17	0.0	19.5	38.0	13.9	49.8	0.2	0.0	0.5	1.2	3.1	23.9	0.0	
18	3.0	8.5	0.0	0.0	1.0	0.0	0.0	0.0	2.2	0.0	61.0	0.0	
19	15.0	1.0	5.2	3.3	5.0	0.0	0.0	0.0	2.5	10.4	9.5	0.0	
20	20.5	0.9	4.8	10.0	8.2	9.9	0.0	16.8	3.3	0.0	0.0	0.0	
21	0.0	1.1	0.0	10.0	35.0	0.0	0.0	0.0	0.0	0.0	2.2	13.0	
22	0.0	1.5	0.0	9.9	5.0	4.2	0.0	0.0	0.0	0.0	0.0	45.0	
23	0.7	1.5	0.1	2.3	34.0	0.0	0.0	0.0	0.0	0.8	1.0	0.0	
24	7.5	15.2	8.9	2.2	2.6	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
25	0.1	0.0	1.0	4.0	5.0	0.0	0.0	13.5	4.0	0.1	0.1	0.0	
26	58.0	0.0	0.0	0.0	5.5	5.2	21.0	30.0	0.5	0.0	0.0	8.0	
27	8.0	0.5	10.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2	0.0	1.1	
28	0.0	1.0	135.2	1.1	4.0	1.8	0.0	8.5	1.0	0.0	0.1	9.1	
29	1.0	0.0	3.0	3.5	6.5	0.0	0.0	0.0	0.2	1.2	0.0	0.0	
30	0.0	0.2	0.2	10.0	0.0	0.0	0.0	0.0	9.5	40.2	0.0	0.0	
31	0.1	6.9	6.9	0.0	0.1	0.0	2.6	0.0	0.0	0.0	0.0	0.0	
Total D.L.	278.4 22	134.1 18	253.6 22	203.2 21	304.7 28	39.3 9	82.6 7	157.0 15	107.9 23	166.9 21	152.0 21	105.7 9	
TOTALES ANUALES								1985.4 m.m			216		Días lluv

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

Estación LA CAMELIA

Municipio ROLDANILLO

Año 1.971

Altitud 1.000 metros

Latitud 4-24 N.

Longitud 76-10 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	12.0	0.0	24.0	0.0	
2	0.0	0.0	9.1	0.0	2.1	0.0	34.0	0.0	8.1	0.0	24.0	0.0	
3	10.5	12.5	11.1	35.1	30.0	0.0	12.0	0.0	0.0	11.0	0.0	0.0	
4	12.5	0.0	0.0	0.0	0.0	5.1	34.0	21.0	0.0	37.0	12.0	0.0	
5	0.0	12.5	0.0	0.0	24.0	16.0	0.0	0.0	0.0	8.0	0.0	0.0	
6	13.5	12.5	2.2	0.0	0.0	0.0	8.0	0.0	0.0	31.0	7.0	0.0	
7	0.0	0.0	12.3	3.1	0.0	36.0	0.0	0.0	11.0	4.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	7.1	1.0	0.0	0.0	0.0	0.0	23.0	0.0	
9	7.0	18.5	0.0	0.0	12.1	2.0	0.0	0.0	0.0	15.0	14.0	0.0	
10	0.0	0.0	7.3	0.0	0.0	0.0	2.0	4.0	0.0	0.0	0.0	0.0	
11	22.5	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	6.0	14.0	2.0	0.0	13.0	6.0	0.0	0.0	
13	17.5	0.0	0.0	2.1	8.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	12.1	1.0	6.0	0.0	8.1	0.0	6.0	14.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	3.0	0.0	10.0	0.0	
16	11.5	0.0	6.1	3.1	0.0	0.0	0.0	17.0	17.0	0.0	0.0	0.0	
17	0.0	11.5	16.1	19.1	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	14.0	28.0	75.1	29.0	0.0	5.0	8.0	22.0	0.0	0.0	
19	12.5	13.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	57.0	7.0	37.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	
21	0.0	23.0	4.0	0.0	2.0	8.0	0.0	0.0	7.0	0.0	24.0	29.0	
22	0.0	0.0	15.1	1.1	3.1	3.0	0.0	0.0	0.0	0.0	5.0	16.0	
23	13.5	0.0	15.0	2.1	0.0	0.0	0.0	16.0	0.0	0.0	13.0	0.0	
24	0.0	19.5	17.2	0.0	13.1	0.0	0.0	0.0	0.0	12.0	0.0	7.0	
25	0.0	0.0	7.1	0.0	8.0	0.0	15.0	12.1	0.0	28.0	7.0	0.0	
26	0.0	0.0	1.0	0.0	0.0	0.0	0.0	6.0	11.0	0.0	0.0	0.0	
27	71.5	0.0	0.0	10.0	9.0	19.5	0.0	2.1	0.0	0.0	0.0	0.0	
28	0.0	0.0	53.1	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	7.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	
30	0.0	0.0	54.0	0.0	30.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
31	12.5	0.0	15.1	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
Total D.Ll.	205.0 11	123.0 8	345.0 22	111.7 11	303.8 19	136.6 11	140.1 9	83.2 8	110.1 12	213.0 12	183.0 12	61.0 4	
TOTALES ANUALES							2015.5 m.m			139			Días lluv

Estación PALOCABILDO

Municipio FALAN

Año 1.971

Altitud 1.500 metros

Latitud 5-08 N.

Longitud 74-57 W.

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.	
1	0.0	9.6	0.1	5.6	49.9	0.2	0.0	0.0	0.7	0.5	72.8	4.5	
2	0.0	28.2	0.0	2.2	27.3	0.0	0.9	0.0	1.3	7.2	0.3	2.6	
3	52.2	92.9	29.4	17.9	26.3	0.0	15.8	10.8	2.3	41.8	40.9	0.1	
4	2.3	34.7	0.0	0.4	2.3	2.1	10.9	5.4	0.2	8.1	16.6	0.0	
5	0.2	11.0	0.0	9.1	2.3	20.7	2.5	0.8	0.0	10.3	9.9	0.0	
6	3.3	4.0	4.1	2.2	0.4	0.2	6.7	0.1	11.4	102.5	0.6	0.0	
7	77.9	65.0	5.3	0.2	14.3	12.3	0.2	0.0	26.5	1.5	37.2	0.0	
8	10.4	1.6	21.6	0.6	85.5	0.0	2.1	2.2	0.0	0.5	39.4	0.0	
9	20.0	0.2	10.3	0.0	17.7	0.1	0.0	0.0	9.1	22.3	5.1	1.3	
10	0.8	0.2	20.3	0.0	34.5	0.0	0.0	0.0	0.0	19.3	0.3	27.7	
11	8.6	0.1	15.3	0.0	0.2	0.5	0.0	3.5	0.0	0.0	0.1	4.8	
12	29.9	96.9	0.1	0.0	0.0	5.6	5.3	0.3	14.3	4.3	1.9	24.4	
13	0.4	2.5	23.1	0.0	169.5	0.1	0.5	0.0	0.0	9.1	33.7	18.3	
14	9.3	0.2	28.5	42.5	2.5	1.5	0.0	32.8	14.7	1.2	5.9	0.3	
15	51.4	15.8	0.1	0.0	27.5	0.1	0.0	0.3	9.1	25.5	0.1	28.6	
16	0.2	0.3	10.1	0.0	6.7	0.0	0.0	46.5	3.6	28.3	0.5	11.4	
17	0.0	37.8	25.8	6.0	1.1	0.0	0.0	23.2	0.0	0.0	5.3	5.3	
18	30.2	9.4	9.6	34.0	5.5	4.0	0.0	0.3	7.1	51.5	5.3	11.5	
19	10.7	2.6	2.5	0.4	2.2	0.0	0.0	0.0	2.6	35.3	3.0	0.1	
20	7.6	5.7	5.8	0.1	44.1	0.0	0.0	0.3	13.0	56.5	0.5	38.3	
21	2.1	2.4	0.1	0.0	22.4	1.8	0.0	19.3	0.1	0.2	4.4	0.0	
22	24.3	0.0	64.6	1.5	13.7	0.1	0.0	0.0	0.0	40.1	0.4	26.4	
23	15.3	0.0	6.3	0.1	0.3	5.1	0.0	16.8	0.0	2.2	5.3	4.4	
24	3.3	0.0	27.4	0.0	38.7	0.0	0.0	33.8	0.0	3.8	13.8	5.7	
25	0.4	2.2	23.5	0.0	48.2	5.9	2.5	5.4	38.5	28.2	16.5	2.4	
26	0.0	0.0	2.1	0.0	0.1	0.0	0.0	1.1	10.3	3.2	2.8	24.7	
27	0.1	19.6	0.1	8.1	0.2	1.4	25.3	0.7	3.6	0.1	0.0	88.5	
28	25.4	0.0	3.2	20.8	0.0	6.1	27.7	8.4	5.3	1.2	2.6	158.7	
29	15.5	0.0	5.5	0.3	14.5	0.1	7.5	0.5	64.7	32.5	0.0	2.1	
30	0.0	0.0	5.6	7.0	4.3	0.0	0.0	0.6	59.1	6.6	0.0	2.2	
31	14.2	0.0	2.4	0.1	0.1	0.1	4.4	26.3	1.8	1.8	0.1	0.1	
Total D.Ll.	416.0 26	442.9 23	354.8 28	159.0 19	662.3 29	67.9 19	103.4 15	268.9 24	297.7 21	545.6 29	325.2 27	494.5 26	
TOTALES ANUALES							4138.2 m.m			286			Días lluv

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

 Estación **BELLAVISTA**

 Municipio **ANSERMANUEVO**

 Año **1.971**

 Altitud **1.550** metros

 Latitud **4-48 N.**

 Longitud **76-04 W.**

DIAS	ENERO	FEB.	MAR.	ABRIL	MAYO	JUNIO	JULIO	AGT.	SEP.	OCT.	NOV.	DIC.
1	0.0	4.5	0.0	14.5	4.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
2	2.0	0.0	0.0	2.0	2.5	0.0	26.0	0.0	0.0	0.0	0.0	0.0
3	0.0	4.5	16.0	0.0	4.5	0.0	12.0	0.0	0.0	0.0	30.0	0.0
4	0.0	0.0	0.0	0.0	1.0	50.0	0.0	16.0	0.0	10.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0
6	36.0	4.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
7	20.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
8	4.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	22.0	0.0	28.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
10	6.0	2.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0
11	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	4.5	2.0	30.5	0.0	0.0	20.0	10.0	0.0	26.0	0.0	0.0	0.0
13	0.0	2.5	0.0	4.0	2.0	0.0	4.0	0.0	0.0	10.0	0.0	0.0
14	0.0	4.0	0.0	8.0	4.5	12.0	0.0	0.0	0.0	0.0	6.0	0.0
15	0.0	0.0	0.0	4.5	2.5	0.0	0.0	26.0	0.0	8.0	10.0	0.0
16	2.0	10.0	10.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	10.0	0.0
17	10.0	0.0	10.0	0.0	12.5	0.0	0.0	6.0	0.0	0.0	8.0	0.0
18	2.5	8.5	8.5	24.0	34.0	2.0	0.0	8.0	0.0	38.0	12.0	0.0
19	4.5	18.0	22.0	0.0	2.5	0.0	0.0	0.0	20.0	0.0	0.0	0.0
20	6.0	0.0	26.0	2.0	18.5	0.0	0.0	2.0	0.0	0.0	0.0	0.0
21	0.0	0.0	30.0	0.0	46.5	0.0	0.0	0.0	4.0	0.0	16.0	10.0
22	0.0	6.0	8.5	10.0	2.0	2.5	0.0	0.0	10.0	33.0	6.0	8.0
23	0.0	0.0	0.0	0.0	0.0	0.0	2.0	30.0	0.0	0.0	0.0	0.0
24	4.5	0.0	2.5	0.0	16.0	0.0	0.0	0.0	0.0	22.0	0.0	12.0
25	2.0	0.0	12.5	0.0	18.0	38.0	6.0	8.0	14.0	0.0	20.0	2.0
26	0.0	0.0	22.0	0.0	0.0	0.0	2.0	10.0	0.0	0.0	4.0	0.0
27	16.0	20.0	2.0	5.0	20.0	8.0	0.0	50.0	0.0	0.0	16.0	0.0
28	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	4.5	10.5	22.0	0.0	10.0	0.0	0.0	0.0	0.0	16.0
30	0.0	0.0	2.5	26.0	0.0	8.0	0.0	0.0	12.0	12.0	0.0	0.0
31	0.0	0.0	24.0	0.0	2.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
Total	120.0	86.5	268.5	110.5	227.0	153.0	72.0	178.0	112.0	197.0	172.0	53.0
D.Ll.	14	12	20	11	19	10	8	10	8	10	13	6
TOTALES ANUALES	1749.5 m.m											141
												Dias lluv