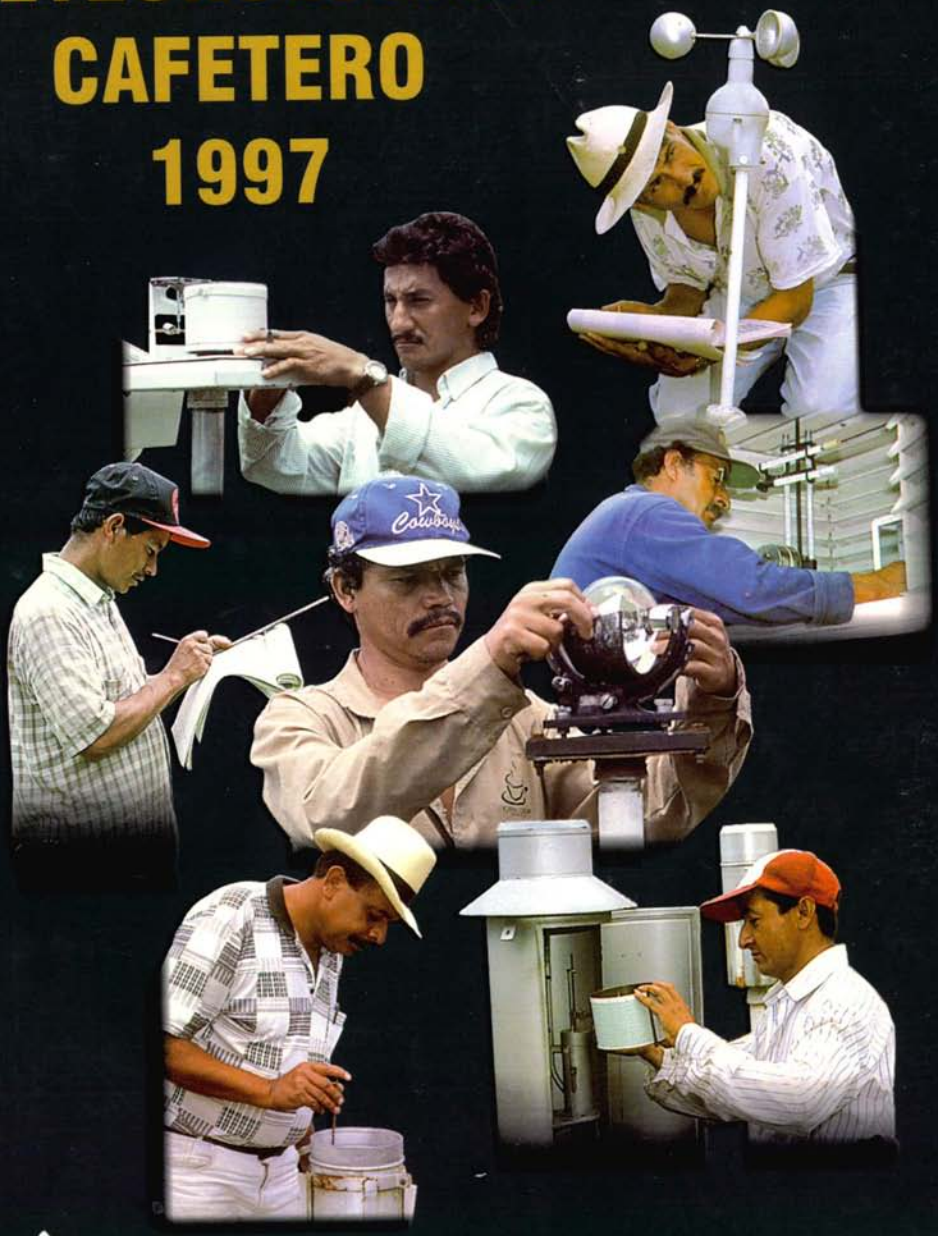
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ANUARIO METEOROLOGICO CAFETERO 1997



Federación Nacional de Cafeteros de Colombia

Cenicafé

CENTRO NACIONAL DE INVESTIGACIONES DE CAFÉ
"Pedro Uribe Mejía"

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FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA. CENTRO NACIONAL DE INVESTIGACIONES DE CAFE. CENICAFE. Chinchiná (Colombia). Anuario Meteorológico Cafetero 1997. Chinchiná (Colombia), CENICAFE, 1998. 513 p.

V1.- 1950.

FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA

CENTRO NACIONAL DE INVESTIGACIONES DE CAFE
"Pedro Uribe Mejía"

DISCIPLINA DE AGROCLIMATOLOGIA

ANUARIO METEOROLOGICO CAFETERO 1997

Se canjea con publicaciones de la misma índole

DIRECCION
ADDRESS

CENICAFE, Chinchiná, Caldas, Colombia

La información de este Anuario fue compilada por los investigadores de CENICAFE José Vicente Baldión Rincón, Alvaro Jaramillo Robledo y Orlando Guzmán Martínez con la participación del personal auxiliar de la Disciplina de Agroclimatología, señores Víctor Aguirre Velásquez, Raúl Castaño García, Hernán Jaramillo Jaramillo, Wilmar A. Rendón Gómez, Carlos Roldán Osorio, Orlando Salazar García y Fabián Sánchez López. Su procesamiento se realizó a través del Sistema de Información de Variables Climáticas, programa elaborado por la Ingeniera de Sistemas Angela María Ospina García quien contó con la asesoría de los Ingenieros Michel Prieto Trujillo y John Jairo Ramírez Gaviria, el Analista Carlos Hernán Gallego de la Disciplina de Sistemas y la colaboración de la Sección de Divulgación. Igualmente se reconoce la valiosa cooperación de los Comités Departamentales de Cafeteros por intermedio de sus Servicios de Extensión y de los observadores en cada una de las estaciones de la red.

INTRODUCCION

Los registros climáticos reunidos en la presente edición de este Anuario Meteorológico corresponden a las observaciones meteorológicas obtenidas durante el año de 1997 en la red de estaciones que posee la Federación Nacional de Cafeteros a lo largo y ancho de la zona cafetera colombiana.

Esta información proviene de:

a) Estaciones climáticas principales dotadas con instrumental que mide temperatura, humedad relativa, lluvia y número de horas de brillo solar.

b) Estaciones heliopluviográficas las cuales suministran datos de lluvia y número de horas de brillo solar.

c) Estaciones pluviográficas provistas de un registrador de lluvias el cual permite conocer la cantidad y la intensidad de éstas.

d) Estaciones pluviométricas basadas en un pluviómetro para registrar la cantidad de lluvia caída.

En la obtención de la información se utilizó el siguiente equipo: termómetro de mercurio con estrangulamiento para la temperatura máxima, termómetro de alcohol para la temperatura mínima, psicrómetro normal con aspirador, termohigrógrafo con sensores bimetálico y de cabellos para la temperatura y humedad respectivamente, pluviógrafo de sifón tipo Hellman, pluviómetro con reglilla de 200 cm^2 de boca colectora y heliógrafo tipo Campbell-Stokes. La altura y exposición del instrumental se ajusta a la sugerida por la Organización Meteorológica Mundial -OMM-.

El horario de observaciones está de acuerdo con las recomendaciones de la OMM y comprende tres lecturas diarias de los diferentes elementos a las 07:00, 13:00 y 19:00 horas (hora local) contando además con datos continuos en los instrumentos registradores.

La recopilación, verificación y depuración de la información procedente de las distintas estaciones se adelanta en la estación central de CENICAFE localizada en el Centro Nacional de Investigaciones de Café "Pedro Urine Mejía" (CENICAFE).

CALCULOS

Los valores de humedad relativa para cada término de observación se obtuvieron utilizando las lecturas del psicrómetro (termómetro seco y termómetro húmedo) y las tablas psicrométricas (tablas de tensión del vapor saturante), estas últimas calculadas con la fórmula empírica siguiente:

$$e = E1 - Ap\ (t - t1)$$

donde:

e	=	tensión del vapor actual en milibares
E_1	=	tensión del vapor de saturación a la temperatura t_1
Ap	=	constante psicrométrica (en función del aparato y de la presión atmosférica)
t	=	temperatura del termómetro seco en °C
t_1	=	temperatura del termómetro húmedo en °C

La humedad relativa (HR) se estima con la fórmula:

$$HR = \frac{e \times 100}{E}$$

Donde:

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

Los valores medios diarios de la humedad relativa (HR) corresponden a la media aritmética de las tres observaciones así:

$$HR = \frac{07:00 + 13:00 + 19:00}{3}$$

La temperatura media diaria (T) se calcula según el promedio aritmético:

$$T = \frac{07:00 + 13:00 + 19:00 + 19:00}{4}$$

Las medidas mensuales y anuales de las dos variables anteriores, así como también las de las temperaturas máxima y mínima, se calculan con base en los valores diarios correspondientes.

Las temperaturas máxima y mínima absolutas se refieren al mayor y menor valor observados durante el día de 07:00 a 19:00 horas y de 24:00 a 24:00 horas,respectivamente.

La lluvia en las estaciones climatológicas principales, heliopluviográficas y pluviográficas está organizada de la siguiente manera:

Lluvia diurna	=	total registrado desde las 07:00 hasta las 19:00 horas.
Lluvia nocturna	=	total acumulado desde las 19:00 hasta las 07:00 horas del día siguiente.
Total diario	=	corresponde a la suma de los valores del día y de la noche.

Cuando aparece solamente la columna del total diario, ello indica que el dato proviene del pluviómetro.

El número de días lluviosos es la suma total de aquellos días que presentaron una lluvia igual o superior a 0.1 mm.

El brillo solar es la suma diaria, mensual o anual del número de horas con sol registradas en el heliógrafo.

La representación gráfica que acompaña las diferentes estaciones compara los registros del año 1997 con sus correspondientes promedios históricos. Cuando la estación es nueva o tiene menos de 5 años de funcionamiento no le aparece el dato histórico.

MODIFICACIONES EN LA RED DEL SERVICIO METEOROLOGICO

Se presentaron algunas novedades durante el año 1997 en relación con el funcionamiento de la red meteorológica, así:

Cambios de categoría

La estación heliopluviográfica Santiago Gutiérrez (Argelia, Valle) se redujo a la categoría de pluviográfica en el mes de septiembre.

Estaciones climatológicas principales suspendidas.

En el mes de enero se suspendió definitivamente la estación La Bella (Viterbo, Caldas).

Estaciones climatológicas principales nuevas.

Se instalaron tres estaciones, así:

- El Horizonte (Cunday, Tolima) en el mes de marzo.
- El Pílamo (Pereira, Risaralda) en el mes de diciembre.
- La Cristalina (Támesis, Antioquia) en el mes de enero/96.

Estaciones heliopluviográficas suspendidas.

La estación El Sena (Armenia, Quindío) se levantó en el mes de enero.

Estaciones pluviométricas nuevas.

Departamento	Municipio	Nombre
Antioquia	Amagá	Carimagua (febrero)

LOCALIZACION DE LA RED METEOROLOGICA

La Federación Nacional de Cafeteros de Colombia (FEDERACAFE) realizó el estudio "Ecotopos Cafeteros de Colombia"*, entendiéndose como Ecotopo Cafetero una región agroecológica delimitada geográficamente teniendo en cuenta las condiciones predominantes de clima, suelo y relieve en donde se obtiene una respuesta biológica similar del cultivo del café. Una de las actividades allí adelantadas consistió en verificar en el campo la ubicación de las estaciones meteorológicas de acuerdo con las planchas de escala 1:100.000 del Instituto Geográfico "Agustín Codazzi" (IGAC). Con base en esta cartografía se revisaron algunos aspectos geográficos tales como la latitud, longitud y corriente o río más cercano. Estas modificaciones que aparecen en el Anuario, no implican de manera alguna que se trate de una nueva estación sino que solamente se ha precisado mejor su ubicación. Así mismo, como en el estudio citado el cubrimiento geográfico de la zona cafetera se hace de norte a sur por cordilleras (1, Occidental; 2, Central; 3, Oriental y 4, Sierra Nevada de Santa Marta) y vertientes (A, occidental, B, oriental) se ha considerado conveniente presentar la relación de estaciones en la misma forma para asociarlas con el ecotopo cafetero respectivo. Así por ejemplo, la estación Naranjal situada en la Cordillera Central (2), vertiente occidental (A) y número de orden 06 de norte a sur, se identifica como correspondiente al ecotopo 206A.

GOMEZ G., L.; CABALLERO R., A.; BALDION R., J.V. Ecotopos cafeteros de Colombia. Santafé de Bogotá (Colombia). FEDERACAFE 1991. 131p.

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
CORDILLERA OCCIDENTAL - VERTIENTE OCCIDENTAL							
Albán	El Cairo	Valle	04° 46'	76° 11'	1.500	Las Vueltas	103A
Santiago Gutiérrez	Argelia	Valle	04° 43'	76° 07'	1.550	Las Vueltas	103A
Julio Fernández	Restrepo	Valle	03° 48'	76° 32'	1.360	Grande	105A
CORDILLERA OCCIDENTAL - VERTIENTE ORIENTAL							
El Trapiche	Bolívar	Antioquia	05°48'	76°01'	1.320	Farallones	102B
La Cumbre	Támesis	Antioquia	05°45'	75°42'	1.630	La Vírgen	105B
La Cristalina	Támesis	Antioquia	05°42'	75°40'	809	Cartama	105B
Miguel Valencia	Jardín	Antioquia	05° 36'	75° 51'	1.570	Claro	105B
El Descanso	Marmato	Caldas	05° 30'	75° 37'	1.800	Cauca	106B
La Argentina	Riosucio	Caldas	05° 28'	75° 42'	1.420	Cauca	106B
Rafael Escobar	Supía	Caldas	05° 28'	75° 39'	1.320	Cauca	106B
La Manuelita	Riosucio	Caldas	05° 22'	75° 41'	1.400	Sucio	106B
La Oriental	Quinchía	Risaralda	05° 22'	75° 43'	1.630	Quinchía	106B
El Barranco	Mistrató	Risaralda	05° 20'	75° 53'	1.580	Risaralda	106B
Ospirma	Guática	Risaralda	05° 20'	75° 49'	1.680	Guática	106B
Buenos Aires	Guática	Risaralda	05° 19'	75° 49'	1.750	Guática	106B
El Diamante	Quinchía	Risaralda	05° 19'	75° 42'	1.550	Quinchía	106B
Vista Hermosa	Belén de Umbría	Risaralda	05° 15'	75° 54'	1.850	Risaralda	106B
La Elvira	Belén de Umbría	Risaralda	05° 12'	75° 52'	1.520	Risaralda	107B
Los Cámbulos	Belén de Umbría	Risaralda	05° 09'	75° 53'	1.400	Risaralda	107B
El Samán	Risaralda	Caldas	05° 09'	75° 46'	1.550	Cauca	107B
La Bella	Viterbo	Caldas	05° 04'	75° 52'	880	Risaralda	107B
Los Naranjos	Santuario	Risaralda	05° 03'	76° 00'	1.650	Mapa	108B
La Tribuna	Balboa	Risaralda	04° 57'	75° 57'	1.500	Cuba	108B
Ingenio Risaralda	Balboa	Risaralda	04° 55'	75° 54'	900	Risaralda	108B
Santa Marta	El Aguila	Valle	04° 52'	76° 03'	1.760	Catarina	108B
Canadá	Ansermanuevo	Valle	04° 48'	75° 57'	930	Cauca	108B
El Placer	Ansermanuevo	Valle	04° 47'	76° 06'	1.730	Chanco	108B
Bellavista	Ansermanuevo	Valle	04° 45'	76° 06'	1.550	Chanco	108B
Manuel M. Mallarino	Trujillo	Valle	04° 13'	76° 19'	1.380	Culebras	110B
CORDILLERA CENTRAL - VERTIENTE OCCIDENTAL							
Carimagua	Amagá	Antioquia	06°01'	75°41'	1.750	Sinifana	203A
El Rosario	Venecia	Antioquia	05° 58'	75° 43'	1.600	Sinifana	203A
Bariloche	Fredonia	Antioquia	05° 56'	75° 41'	1.700	Granadero	203A
Guaymaral	Aguadas	Caldas	05° 40'	75° 23'	1.600	Arma	204A
Cuatro Esquinas	Aguadas	Caldas	05° 40'	75° 25'	1.900	Arma	204A
La Linda	Pácora	Caldas	05° 32'	75° 32'	1.850	Pácora	204A
La Cascada	Pácora	Caldas	05°28'	75°33'	1.600	Pozo	204A
La Julia	Filadelfia	Caldas	05° 18'	75° 34'	1.650	Maibá	204A
El Mirador	Filadelfia	Caldas	05° 14'	75° 34	1.650	Tareas	205A
El Refugio	Neira	Caldas	05° 11'	75° 35'	1.320	Tapias	205A
La Selva	Manizales	Caldas	05° 07'	75° 36'	1.350	Guacaica	205A
Santa Teresa	Manizales	Caldas	05° 07''	75°32'	1.800	Guacaica	205A
Las Colinas	Manizales	Caldas	05° 06'	75° 34'	1.450	Guacaica	205A
Granja Luker	Palestina	Caldas	05° 05'	75° 41'	1.020	Chinchiná	206A
Santágueda	Palestina	Caldas	05° 05'	75° 40'	1.010	Chinchiná	206A
El Algarrobo	Manizales	Caldas	05° 04'	75° 25'	1.230	Manzanares	206A
Santa Teresita	Manizales	Caldas	05° 04'	75° 37'	1.200	Chinchiná	206A
Providencia	Palestina	Caldas	05° 03'	75° 42'	1.250	Campoalegre	206A
La Argentina	Palestina	Caldas	05° 02'	75° 41'	1.350	Campoalegre	206A

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
El Recreo	Palestina	Caldas	05° 02'	75° 39'	1.450	Chinchiná	206A
Moravo	Chinchiná	Caldas	05°01'	75°43'	1.094	Campoalegre	206A
Santa Ana	Palestina	Caldas	05° 01'	75° 40'	1.250	Campoalegre	206A
Planalto	Chinchiná	Caldas	05° 01'	75° 36'	1.425	Chinchiná	206A
La Palmera	Marsella	Risaralda	05° 00'	75° 45'	1.450	San Francisco	206A
La Palma	Palestina	Caldas	05° 00'	75° 41'	1.300	Campoalegre	206A
Cenicafé	Chinchiná	Caldas	05° 00'	75° 36'	1.310	Chinchiná	206A
La Sierra	Chinchiná	Caldas	04° 59'	75° 38'	1.450	Campoalegre	206A
Naranjal	Chinchiná	Caldas	04° 59'	75° 39'	1.400	Campoalegre	206A
La Francia	Chinchiná	Caldas	04° 59'	75° 41'	1.360	Campoalegre	206A
La Divisa	Chinchiná	Caldas	04° 59'	75° 36'	1.590	Chinchiná	206A
La Romelia	Chinchiná	Caldas	04° 58'	75° 40'	1.400	Campoalegre	206A
Los Pomos	Chinchiná	Caldas	04° 58'	75° 35'	1.500	Chinchiná	206A
La Teresita	Santa Rosa de Cabal	Risaralda	04° 57'	75° 38'		San Eugenio	206A
Santa Helena	Santa Rosa de Cabal	Risaralda	04° 57'	75° 37'		Campoalegre	206A
El Castillo	Santa Rosa de Cabal	Risaralda	04° 56'	75° 40'	1.550	Otún	206A
El Jazmín	Santa Rosa de Cabal	Risaralda	04° 55'	75° 38'	1.600	San Eugenio	206A
La Morenita	Marsella	Risaralda	04° 54'	75° 46'	1.440	Cauca	206A
El Bosque	Dosquebradas	Risaralda	04° 50'	75° 41	1.450	Otún	206A
La Juliana	Manizales	Caldas	05° 09'	75° 29'	1.750	Guacaica	207A
Agronomía	Manizales	Caldas	05° 03'	75° 29'	2.150	Chinchiná	207A
Frutiflorida	Villamaría	Caldas	05° 01'	75° 28'	2.130	Chinchiná	207A
Java	Manizales	Caldas	05° 01'	75° 33'	1.780	Chinchiná	207A
El Cedral	Pereira	Risaralda	04° 42'	75° 32'	2.120	Otún	208A
El Pílamo	Pereira	Risaralda	04°52'	75°48'	1.070	Combia	208A
Combia	Pereira	Risaralda	04° 51'	75° 47'	1.240	Otún	209A
La Playa	Pereira	Risaralda	04° 50'	76° 46'	1.230	Otún	209A
Los Cámbulos	Pereira	Risaralda	04° 49'	75° 50'	1.240	Cauca	209A
Planta de Tratamiento	Pereira	Risaralda	04° 49'	75° 41'	1.450	Otún	209A
La Renta	Pereira	Risaralda	04° 47'	75° 42'	1.250	Consota	209A
Hiroshima	Pereira	Risaralda	04° 46'	75° 44'	1.340	Consota	209A
La Catalina	Pereira	Risaralda	04° 45'	75° 45'	1.350	Consota	209A
La Abuelita	Pereira	Risaralda	04° 44'	75° 47'	1.250	Barbas	209A
El Recreo	Ulloa	Valle	04° 42'	75° 44'	1.410	Barbas	209A
Arturo Gómez	Alcalá	Valle	04° 40'	75° 47'	1.320	La Vieja	209A
Bremen	Circasia	Quindío	04° 40'	75° 37'	2.040	Roble	210A
La Esperanza	Filandia	Quindío	04° 38'	75° 42'	1.700	La Vieja	210A
Vivero	Quimbaya	Quindío	04° 37'	75° 46'	1.400	La Vieja	210A
Maracay	Quimbaya	Quindío	04° 36'	75° 46'	1.450	La Vieja	210A
La Ilusión	Circasia	Quindío	04° 35'	75° 42'	1.500	Espejo	210A
La Julia	Montenegro	Quindío	04° 33'	75° 45'	1.320	Espejo	210A
Sorrento	Montenegro	Quindío	04° 32'	75° 50'	1.200	La Vieja	210A
Tucumán	Armenia	Quindío	04° 32'	75° 44'	1.250	Espejo	210A
El Agrado	Montenegro	Quindío	04° 31'	75° 47'	1.350	Espejo	210A
La Bella	Calarcá	Quindío	04° 30'	75° 40'	1.450	Quindío	210A
El Paraíso	Calarcá	Quindío	04° 29'	75° 42'	1.400	Quindío	210A
La Pradera	Armenia	Quindío	04° 28'	75° 43'	1.350	Quindío	210A
El Jardín	Calarcá	Quindío	04° 28'	75° 42'	1.300	Santo Domingo	210A
Quebradanegra	Calarcá	Quindío	04° 27'	75° 40'	1.500	Santo Domingo	210A
La Miranda	La Tebaida	Quindío	04° 26'	75° 50'	1.120	La Vieja	210A
La Argentina	La Tebaida	Quindío	04° 26'	75° 47'	1.150	La Vieja	210A
Mónaco	Córdoba	Quindío	04° 25'	75° 42'	1.300	Ríoverde	210A
Paraguaicito	Buenavista	Quindío	04° 23'	75° 44'	1.250	Ríoverde	211A
La Esperanza	Buenavista	Quindío	04° 21'	75° 45'	1.400	Quindío	211A
El Porvenir	Pijao	Quindío	04° 19'	75° 47'	1.540	Lejos	211A
Villa Horizaba	Génova	Quindío	04° 15'	75° 48'	1.470	Barragán	211A

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
La Alejandría	Génova	Quindío	04° 11'	75° 47'	1.600	Gris	211A
El Berrión	Cartago	Valle	04° 41'	75° 51'	1.150	La Vieja	212A
Venecia	Caicedonia	Valle	04° 20'	75° 50'	1.170	Pijao	213A
La Sirena	Sevilla	Valle	04° 17'	75° 55'	1.500	Totoró	213A
La Selva	Ginebra	Valle	03° 45'	76° 12'	1.800	Guabas	215A
Campanella	Palmira	Valle	03° 29'	76° 12'	1.550	Aguas Claras	215A
Instituto Técnico	S/der de Quilichao	Cauca	03° 01'	76° 29'	1.110	Quilichao	217A
La Trinidad	Piendamó	Cauca	02° 44'	76° 34'	1.600	Tunia	218A
Manuel Mejía	El Tambo	Cauca	02° 25'	76° 45'	1.700	Piedras	218A
Portachuelo	Rosas	Cauca	02° 15'	76° 45'	1.750	Esmita	219A
El Sauce	La Unión	Nariño	01° 37'	77° 06'	1.610	Mayo	220A
Ospina Pérez	Consacá	Nariño	01° 15'	77° 29'	1.700	Guáitara	221A
CORDILLERA CENTRAL - VERTIENTE ORIENTAL							
Cocorná	Cocorná	Antioquia	06° 04'	75° 12'	1.230	Cocorná	205B
Hogar Juvenil	Pensilvania	Caldas	05° 30'	75° 11'	1.560	Samaná	205B
Guacas	Pensilvania	Caldas	05° 28'	75° 10'	1.700	Dulce	205B
La Corneta	Victoria	Caldas	05° 23'	74° 54'	800	Doña Juana	205B
Villaraz	Pensilvania	Caldas	05° 23'	75° 04'	1.650	Tenerife	205B
Granja Kennedy	Pensilvania	Caldas	05° 20'	75° 06'	1.800	La Miel	205B
Cuba	Victoria	Caldas	05° 20'	74° 56'	1.050	Doña Juana	205B
La Pastorita	Victoria	Caldas	05° 19'	74° 57'	1.100	Guarinó	205B
Santa Helena	Marquetalia	Caldas	05° 19'	75° 00'	1.450	La Miel	205B
La Mesa	Mariquita	Tolima	05° 14'	74° 58'	1.200	Sucio	206B
Llanadas	Manzanares	Caldas	05° 12'	75° 08'	1.420	Santo Domingo	206B
La Cimarrona	Fresno	Tolima	05° 10'	75° 01'	1.340	Sucio	206B
Palocabildo	Falan	Tolima	05° 07'	75° 01'	1.500	Sabandija	206B
La Danta	Casabianca	Tolima	05° 06'	75° 06'	1.700	Gualí	206B
El Edén	Líbano	Tolima	04° 58'	75° 00'	1.350	Lagunilla	207B
La Trinidad	Líbano	Tolima	04° 54'	75° 03'	1.430	Recio	207B
El Inciensal	Murillo	Tolima	04° 53'	75° 08'	2.400	Lagunilla	207B
Planes	Lérida	Tolima	04° 51'	75° 00'	1.200	Recio	207B
Guadualito	Santa Isabel	Tolima	04° 42'	75° 04'	1.620	Totaré	208B
Totarito	Alvarado	Tolima	04° 40'	75° 01'	1.250	Totaré	208B
Janiyof	Anzoátegui	Tolima	04° 38'	75° 06'	1.720	Totaré	208B
La Primavera	Ibagué	Tolima	04° 25'	75° 15'	1.300	Combeima	209B
El Recreo	Ortega	Tolima	04° 03'	75° 19'	1.520	Opani	209B
La Meseta	San Antonio	Tolima	03° 56'	75° 29'	1.600	La Lejía	209B
Poco a Poco	Chaparral	Tolima	03° 47'	75° 33'	1.340	Tetuán	210B
El Limón	Chaparral	Tolima	03° 40'	75° 35'	990	Amoyá	210B
Montefrío	Natagaima	Tolima	03° 29'	75° 16'	1.500	Patá	211B
Los Andes	Planadas	Tolima	03° 11'	75° 37'	1.500	Atá	211B
Corrales	Teruel	Huila	02° 43'	75° 33'	1.450	Yaguará	212B
CORDILLERA ORIENTAL - VERTIENTE OCCIDENTAL							
Palestina	Rionegro	Santander	07° 19'	73° 07'	1.350	Santa Cruz	302A
Cocal	Rionegro	Santander	07° 16'	73° 09'	700	Negro	302A
Los Cocos	Rionegro	Santander	07° 14'	73° 07'	1.300	Negro	302A
Ceylán	Bucaramanga	Santander	07° 11'	73° 07'	1.300	Suratá	302A
San Antonio	Floridablanca	Santander	07° 06'	73° 04'	1.480	Frío	302A
Miporal	Floridablanca	Santander	07° 05'	73° 04'	1.200	Frío	302A
La Loma	Floridablanca	Santander	07° 04'	73° 04'	1.400	Frío	302A
Bonanza	Girón	Santander	07° 05'	73° 17'	1.250	Guapuchera	303A

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
El Silencio	Rionegro	Santander	07° 24'	73° 13'	1.120	Cáchira del Sur	303A
Santa Rita	San Gil	Santander	06° 35'	73° 08'	1.600	Fonce	305A
Cuchicute	Curití	Santander	06° 34'	73° 04'	1.600	Cuchicute	305A
Chochos	Hato	Santander	06° 33'	73° 19'	1.400	Suárez	305A
La Laguna	Páramo	Santander	06° 30'	73° 09'	1.550	Fonce	305A
Alberto Santos	Socorro	Santander	06° 30'	75° 13'	1.500	Honda	305A
Las Flores	Pinchote	Santander	06° 29'	73° 11'	1.700	Fonce	305A
La Plazuela	Socorro	Santander	06° 28'	73° 13'	1.700	La Honda	305A
El Mesón	Valle de San José	Santander	06° 25'	73° 09'	1.330	Fonce	305A
Casa de Teja	San Vicente de Chucurí	Santander	06° 55'	73° 27	960	Chucurí	306A
Aguasblancas	San Vicente de Chucurí	Santander	06° 50'	73° 29'	920	Chucurí	306A
La Lejía	Ocamonte	Santander	06° 21'	73° 06'	1.400	La Lejía	307A
El Nogal	Charalá	Santander	06° 20'	73° 04'	1.560	Riachuelo	307A
Sevilla	Guadalupe	Santander	06° 15'	73° 22'	1.390	Oibita	307A
Villanueva	Charalá	Santander	06° 14'	73° 10'	1.450	Pienta	307A
Cielo Roto	Suaita	Santander	06° 07'	73° 23'	1.540	Tolotá	307A
Buenavista	Barbosa	Santander	05° 56'	73° 39'	1.850	Suárez	308A
Bertha	Moniquirá	Boyacá	05° 53'	73° 34'	1.700	Moniquirá	308A
La Cumbre	Puente Nacional	Santander	05° 52'	73° 42'	1.650	Suárez	308A
San Pedro	Caparrapí	Cundinamarca	05° 30'	74° 28'	1.400	Azauncha	309A
Montelíbano	Yacopí	Cundinamarca	05° 28'	74° 22'	1.340	Chirche	309A
El Porvenir	Yacopí	Cundinamarca	05° 26'	74° 18'	1.400	La Mina	310A
Las Acacías	Paime	Cundinamarca	05°25'	74°12'	1.320	Guaquimay	310A
Secr. de Agricultura	La Palma	Cundinamarca	05° 22'	74° 24'	1.250	Murca	310A
Canaima	La Palma	Cundinamarca	05° 21'	74° 25'	1.550	La Chorrera	310A
El Paraíso	Caparrapí	Cundinamarca	05° 17'	74° 31'	1.450	Patá	310A
Santa Rosita	El Peñón	Cundinamarca	05° 17'	74° 17'	1.430	Negro	310A
La Florida	Vergara	Cundinamarca	05° 05'	74° 18'	1.400	Pinzaimá	311A
Icalí	Sasaima	Cundinamarca	04° 57'	74° 26'	1.380	Dulce	311A
Santa Bárbara	Sasaima	Cundinamarca	04° 57'	74° 25'	1.450	Dulce	311A
La Esperanza	Villeta	Cundinamarca	05°01'	74°31'	1.350	Villeta	312A
San Juan	San Juan de Rioseco	Cundinamarca	04° 51'	74° 37'	1.300	Seco	313A
Mesitas de Santa Inés	Cachipay	Cundinamarca	04° 43'	74° 28'	1.250	Bajamón	314A
El Refugio	La Mesa	Cundinamarca	04° 42'	74° 26'	1.250	Apulo	314A
Misiones	Mesitas del Colegio	Cundinamarca	04° 33'	74° 25'	1.540	Bogotá	314A
El Porvenir	Mesitas del Colegio	Cundinamarca	04° 32'	74° 28'	1.350	Bogotá	314A
Aguadulce	Nilo	Cundinamarca	04° 21'	74° 31'	1.400	Pagüey	314A
Pinar del Río	Silvania	Cundinamarca	04° 27'	74° 23'	1.750	Subia	315A
Granja Tibacuy	Tibacuy	Cundinamarca	04° 22'	74° 26'	1.550	Subia	315A
Expoabracol	Fusagasugá	Cundinamarca	04° 17'	74° 23'	1.500	Guavio	315A
San Luis	Arbeláez	Cundinamarca	04° 14'	74° 26'	1.700	La Lejía	315A
El Horizonte	Cunday	Tolima	04°04'	74°36'	1.265	Las Peñas	316A
Luis Bustamante	Villarrica	Tolima	03° 55'	74° 34'	1.610	Cuindé	316A
La Montaña	Dolores	Tolima	03° 33'	74° 54'	1.260	Magdalena	316A
El Alba	Baraya	Huila	03° 08'	74° 58'	1.480	Magdalena	317A
Guayabal	Algeciras	Huila	02° 33'	75° 15'	1.460	Neiva	317A
Jorge Villamil	Gigante	Huila	02° 20'	75° 31'	1.500	Magdalena	318A
La Primavera	Gigante	Huila	02° 17'	75° 31'	1.450	Loro	318A
Villa Consuelo	Garzón	Huila	02° 12'	75° 34'	1.450	Magdalena	318A
Concent. Desarrollo	Timaná	Huila	01° 58'	75° 56'	1.080	Timaná	318A

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
		CORDILLERA ORIENTAL - VERTIENTE ORIENTAL					
Gabriel María Barriga	Convención	N. de Santander	08° 25'	73° 20'	1.320	Catatumbo	301B
Francisco Romero	Salazar	N. de Santander	07° 45'	72° 47'	1.000	Salazar	302B
Blonay	Chinácota	N. de Santander	07° 34'	72° 37'	1.235	Pamplonita	303B
Maringá	Acacías	Meta	03° 58'	73° 36'	380	Acacías	308B
Santa Helena	San Carlos Guaroa	Meta	03° 50'	73° 20'	280	Acacías	308B
		SIERRA NEVADA DE SANTA MARTA					
Jirocasaca	Santa Marta	Magdalena	11° 12'	74° 04'	745	Lindavista	401
La Victoria	Santa Marta	Magdalena	11° 07'	74° 06'	1.100	Gaira	401
Pueblo Bello	Valledupar	Cesar	10° 25'	73° 34'	1.000	Ariguaní	402

ESTACION SISMOLOGICA.

En el XV Congreso Nacional de Cafeteros, celebrado el 30 de noviembre de 1945 se autorizó la compra e instalación de una estación sismológica en los predios del Centro Nacional de Investigaciones de Café -CENICAFE, situado en el municipio de Chinchiná, Caldas con coordenadas geográficas 05° 00' de latitud norte, 75° 36' de longitud oeste y una altitud de 1.310 metros sobre el nivel del mar. Su funcionamiento en convenio con el Instituto Geofísico de Los Andes Colombianos - Universidad Javeriana; se inició el 22 de julio de 1950 y de allí en adelante se registra la actividad sísmica en forma continua hasta la fecha, con excepción del periodo 1989-1994 cuando se suspendió para instalar un nuevo instrumental. Esta estación se halla adscrita a la red sísmica mundial y consta de un sismómetro de componente vertical Sprengnether y un registrador diario Times Instrument Co. La evaluación de los sismos la adelanta el Instituto Geofísico de Los Andes Colombianos - Universidad Javeriana.

DISPONIBILIDAD HÍDRICA EN LA ZONA CAFETERA COLOMBIANA DURANTE EL AÑO DE 1997

El área Cafetera Colombiana está localizada entre 1° y 12° de latitud norte y de acuerdo con la distribución de la lluvia y las cosechas de café se puede dividir en tres grandes zonas así:

- Zona norte
- Zona central y
- Zona sur.

En la primera se presenta sólamente una cosecha que se recolecta a finales del año, en la segunda se suceden dos cosechas siendo la principal en el segundo semestre y en la tercera igualmente hay dos cosechas pero la más importante se recoge en el primer semestre.

La presencia del Evento Cálido del Océano Pacífico ("El Niño") en Colombia durante 1997 afectó la zona cafetera particularmente en el segundo semestre. En este período las lluvias se redujeron entre 45-65% en relación con los promedios históricos y el régimen térmico estuvo por encima de lo normal de 1.0 a 1.5°C.

Desde el punto de vista de la disponibilidad hídrica para el cultivo del café el comportamineto de las diferentes zonas fué el siguiente.

Zona Norte

Las deficiencias hídricas, anormales, ocurridas a mitad del año afectaron parcialmente el tamaño del grano y los rendimientos finales (Figura 1).

Zona Central

Esta región está comprendida por los departamentos de Antioquia, Caldas, Quindío, Risaralda, sectores norte de Tolima, Valle, Cundinamarca y el sector sur de Santander. Los mayores faltantes de agua se registraron en julio-agosto, lo cual afectó la cosecha principal del segundo semestre en calidad y cantidad (grano pequeño y menor peso seco). Las deficiencias hídricas de diciembre unidas a las de enero de 1998 probablemente incidirán en una reducción de la cosecha del primer semestre de 1998 (Figura 1).

Zona Sur

Esta zona se caracterizó por importantes faltantes de agua durante el período junio-septiembre originando floraciones tardías. La cosecha proveniente de estas floraciones para recolectar en el primer semestre de 1998 estará influída por los marcados déficit hídricos de

diciembre/97-febrero/98, los cuales son completamente atípicos en esta región durante esta época (Figura 1).

En resumen, se puede concluír que el fenómeno del Pacífico de 1997 ha sido el más severo para la Zona Cafetera Colombiana en los últimos 50 años, según los registros históricos de la Red Meteorológica de la Federación Nacional de Cafeteros de Colombia -FEDERACAFÉ.

FIGURA 1. Disponibilidad hídrica para el cultivo de café durante el año 1997.

Departamento	Municipio	Estación	Altitud	E	F	M	A	M	J	J	A	S	O	N	D
			ZONA NORTE												
			Sector Sierra Nevada de Santa Marta												
Magdalena	Santa Marta	Jirocasaca	745												
Magdalena	Santa Marta	Hda. La Victoria	1100												
Cesar	Valledupar	Pueblo Bello	1134												
			Sector Oriental												
N. de Santander	Convención	Gabriel M. Barriga	1320												
N. de Santander	Salazar	Francisco Romero	910												
N. de Santander	Chinácota	Blonay	1235												
Santander	Rionegro	Los Cocos	1300												
Santander	Bucaramanga	Ceylán	1300												
Santander	Floridablanca	San Antonio	1507												
			ZONA CENTRAL												
			Sector Occidental												
Antioquia	Venecia	El Rosario	1600												
Antioquia	Bolívar	El Trapiche	1320												
Caldas	Aguadas	Guaymaral	1600												
Antioquia	Jardín	Miguel Valencia	1570												
Caldas	Supía	Rafael Escobar	1320												
Risaralda	Guática	La Hermosina	1680												
Risaralda	Quinchía	El Diamante	1550												
Caldas	Marquetalia	Santa Helena	1450												
Risaralda	Belén de Umbría	La Elvira	1510												
Caldas	Neira	El Refugio	1320												
Tolima	Falan	Palocabildo	1500												
Caldas	Palestina	Granja Luker	1020												
Caldas	Manizales	El Algarrobo	1230												
Caldas	Manizales	Java	1780												
Caldas	Chinchiná	CENICAFÉ	1310												
Caldas	Chinchiná	Naranjal	1400												
Risaralda	Balboa	La Tribuna	1500												
Risaralda	Santa Rosa de C.	El Jazmín	1600												
Tolima	Líbano	La Trinidad	1430												

FIGURA 1. Disponibilidad hídrica para el cultivo de café durante el año 1997.

Departamento	Municipio	Estación	Altitud	E	F	M	A	M	J	J	A	S	O	N	D
Valle del Cauca	El Cairo	Albán	1500												
Risaralda	Pereira	La Catalina	1310												
Valle del Cauca	Argelia	Santiago Gutiérrez	1550												
Valle del Cauca	Alcalá	Arturo Gómez	1320												
Quindío	Quimbaya	Maracay	1450												
Quindío	Montenegro	El Agrado	1250												
Quindío	Calarcá	La Bella	1450												
Tolima	Ibagué	Chapetón	1300												
Quindío	Buenavista	Paraguaicito	1250												
Valle del Cauca	Caicedonia	Venecia	1170												
Valle del Cauca	Sevilla	La Sirena	1500												
Valle del Cauca	Trujillo	Manuel M. Mallarino	1380												
Valle del Cauca	Restrepo	Julio Fernández	1360												
Sector Oriental															
Santander	San Vicente	Aguasblancas	920												
Santander	Pinchote	Las Flores	1700												
Boyacá	Moniquirá	Bertha	1700												
Cundinamarca	Yacopí	Montelíbano	1340												
Cundinamarca	El Peñón	Santa Rosita	1430												
Cundinamarca	Sasaima	Santa Barbara	1450												
ZONA SUR															
Sector Occidental															
Tolima	Chaparral	Poco a Poco	1340												
Valle del Cauca	Ginebra	La Selva	1800												
Valle del Cauca	Palmira	Campanella	1550												
Tolima	Planadas	Los Andes	1400												
Cauca	Santander de Q.	Instituto Técnico	1112												
Cauca	Piendamó	La Trinidad	1600												
Cauca	El Tambo	Manuel Mejía	1700												
Cauca	Rosas	Portachuelo	1750												
Nariño	La Unión	El Sauce	1610												
Nariño	Consacá	Ospina Pérez	1700												

FIGURA 1. Disponibilidad hídrica para el cultivo de café durante el año 1997.

Departamento	Municipio	Estación	Altitud	E	F	M	A	M	J	J	A	S	O	N	D
			Sector Oriental												
Cundinamarca	Villeta	La Esperanza	1350												
Cundinamarca	Cachipay	Mesitas Sta. Inés	1250												
Cundinamarca	El Colegio	Misiones	1540												
Cundinamarca	Silvania	Pinar del Río	1750												
Cundinamarca	Tibacuy	Granja Tibacuy	1550												
Tolima	Villarrica	Luis Bustamante	1610												
Huila	Algeciras	Guayabal	1460												
Huila	Gigante	Jorge Villamíl	1440												
Huila	Garzón	Villa Consuelo	1450												

Sin deficiencia ☐ Deficiencia ▨

CONTENIDO

ESTACIONES CLIMATOLOGICAS PRINCIPALES

ANTIOQUIA — PAGINA

Cocorná - Cocorná
Datos diarios ..... 3 - 8
Resumen mensual y anual 9

El Rosario - Venecia
Datos diarios ..... 10 - 15
Resumen mensual y anual 16

El Trapiche-Bolívar
Datos diarios ..... 17 - 22
Resumen mensual y anual 23

La Cristalina-Támesis
Datos diarios ..... 24 - 29
Resumen mensual y anual 30

Miguel Valencia - Jardín
Datos diarios ..... 31 - 36
Resumen mensual y anual 37

BOYACA

Bertha - Moniquirá
Datos diarios ..... 38 - 43
Resumen mensual y anual 44

CALDAS

Rafael Escobar - Supía
Datos diarios ..... 45 - 50
Resumen mensual y anual 51

Santa Helena - Marquetalia
Datos diarios ..... 52 - 57
Resumen mensual y anual 58

Llanadas - Manzanares
Datos diarios ..... 59 - 64
Resumen mensual y anual 65

Santágueda - Palestina
Datos diarios ..... 66 - 71
Resumen mensual y anual 72

Granja Luker - Palestina
Datos diarios ..... 73 - 78
Resumen mensual y anual 79

El Algarrobo - Manizales
Datos diarios ..... 80 - 85
Resumen mensual y anual 86

CALDAS Agronomía - Manizales
Datos diarios ..... 87 - 92
Resumen mensual y anual 93

Planalto - Manizales
Datos diarios ..... 94 - 99
Resumen mensual y anual 100

Cenicafé - Chinchiná
Datos diarios ..... 101 - 106
Resumen mensual y anual 107

Naranjal - Chinchiná
Datos diarios ..... 108 - 113
Resumen mensual y anual 114

CAUCA La Trinidad - Piendamó
Datos diarios ..... 115 - 120
Resumen mensual y anual 121

Manuel Mejía - El Tambo
Datos diarios ..... 122 - 127
Resumen mensual y anual 128

CESAR Pueblo Bello - Valledupar
Datos diarios ..... 129 - 134
Resumen mensual y anual 135

CUNDINAMARCA
Montelíbano - Yacopí
Datos diarios ..... 136 - 141
Resumen mensual y anual 142

Santa Rosita - El Peñón
Datos diarios ..... 143 - 148
Resumen mensual y anual 149

Santa Bárbara - Sasaima
Datos diarios ..... 150 - 155
Resumen mensual y anual 156

Mesitas de Santa Inés - Cachipay
Datos diarios ..... 157 - 162
Resumen mensual y anual 163

Misiones - Mesitas del Colegio
Datos diarios ..... 164 - 169
Resumen mensual y anual 170

Granja Tibacuy - Tibacuy
Datos diarios ..... 171 - 176
Resumen mensual y anual 177

HUILA

Jorge Villamil - Gigante
Datos diarios ..... 178 - 183
Resumen mensual y anual 184

MAGDALENA

Jirocasaca - Santa Marta
Datos diarios ..... 185 - 190
Resumen mensual y anual 191

NARIÑO

El Sauce-La Unión
Datos diarios ..... 192 - 187
Resumen mensual y anual 198

Ospina Pérez - Consacá
Datos diarios ..... 199 - 204
Resumen mensual y anual 205

NORTE DE SANTANDER

Gabriel M. Barriga - Convención
Datos diarios ..... 206 - 211
Resumen mensual y anual 212

Francisco Romero - Salazar
Datos diarios ..... 213 - 218
Resumen mensual y anual 219

Blonay - Chinácota
Datos diarios ..... 220 - 225
Resumen mensual y anual 226

QUINDIO

Maracay - Quimbaya
Datos diarios ..... 227 - 232
Resumen mensual y anual 233

El Agrado - Montenegro
Datos diarios ..... 234 - 239
Resumen mensual y anual 240

La Bella - Calarcá
Datos diarios ..... 241 - 246
Resumen mensual y anual 247

Paraguaicito - Buenavista
Datos diarios ..... 248 - 253
Resumen mensual y anual 254

RISARALDA

Ospirma-Guática
Datos diarios ..... 255 - 260
Resumen mensual y anual 261

El Jazmín - Santa Rosa de Cabal
Datos diarios ..... 262 - 267
Resumen mensual y anual 268

Ingenio Risaralda-Balboa
Datos diarios ..... 269 - 274
Resumen mensual y anual 275

La Catalina - Pereira
Datos diarios ..... 276 - 281
Resumen mensual y anual 282

El Cedral - Pereira
Datos diarios ..... 283 - 288
Resumen mensual y anual 289

SANTANDER

San Antonio - Floridablanca
Datos diarios ..... 290 - 295
Resumen mensual y anual 296

Alberto Santos-Socorro
Datos diarios ..... 297 - 302
Resumen mensual y anual 303

TOLIMA

La Trinidad - Líbano
Datos diarios ..... 304 - 309
Resumen mensual y anual 310

Chapetón - Ibagué
Datos diarios ..... 311 - 316
Resumen mensual y anual 317

El Horizonte-Cunday
Datos diarios ..... 318 - 323
Resumen mensual y anual 324

Los Andes-Planadas
Datos diarios ..... 325 - 330
Resumen mensual y anual 331

VALLE

Canadá - Ansermanuevo
Datos diarios ..... 332 - 337
Resumen mensual y anual 338

Albán - El Cairo
Datos diarios ..... 339 - 344
Resumen mensual y anual 345

Arturo Gómez - Alcalá
Datos diarios ..... 346 - 351
Resumen mensual y anual 352

Venecia - Caicedonia
Datos diarios ..... 353 - 358
Resumen mensual y anual 359

La Sirena - Sevilla
Datos diarios ..... 360 - 365
Resumen mensual y anual 366

Manuel María Mallarino - Trujillo
Datos diarios ..... 367 - 372
Resumen mensual y anual 373

Julio Fernández - Restrepo
Datos diarios ..... 374 - 379
Resumen mensual y anual 380

ESTACIONES HELIOPLUVIOGRAFICAS

CALDAS

El Refugio - Neira
Lluvia diaria - Brillo solar diario ..... 383 - 384
Resumen gráfico 385

QUINDIO
Bremen - Circasia
Lluvia diaria - Brillo solar diario ..... 386 - 387
Resumen gráfico 388

RISARALDA
La Elvira - Belén de Umbría
Lluvia diaria - Brillo solar diario ..... 389 - 390
Resumen gráfico 391

SANTANDER
Aguasblancas - San Vicente
Lluvia diaria - Brillo solar diario ..... 392 - 393
Resumen gráfico 394

TOLIMA
Luis Bustamante - Villarrica
Lluvia diaria - Brillo solar diario ..... 395 - 396
Resumen gráfico 397

La Montaña - Dolores
Lluvia diaria - Brillo solar diario ..... 398 - 399
Resumen gráfico 400

VALLE
Santiago Gutiérrez - Argelia
Lluvia diaria - Brillo solar diario ..... 401 - 402
Resumen gráfico 403

El Berrión - Cartago
Lluvia diaria - Brillo solar diario ..... 404 - 405
Resumen gráfico 406

La Selva - Ginebra
Lluvia diaria - Brillo solar diario ..... 407 - 408
Resumen gráfico 409

ESTACIONES PLUVIOGRAFICAS

CALDAS
Santa Ana - Palestina ..... 412 - 413
Resumen gráfico 414

La Romelia - Chinchiná ..... 415 - 416
Resumen gráfico 417

RISARALDA
Planta de Tratamiento - Pereira ..... 418 - 419
Resumen gráfico 420

VALLE
El Recreo - Ulloa ..... 421 - 422
Resumen gráfico 423

ESTACIONES PLUVIOMETRICAS

ANTIOQUIA

Carimagua-Amagá; Bariloche-Fredonia 426

CALDAS

Cuatro Esquinas-Aguadas; Guaymaral-Aguadas 427
Resumen gráfico 428
La Linda-Pácora; El Descanso-Marmato 429
Hogar Juvenil-Pensilvania; La Cascada-Pácora 430
Resumen gráfico 431

Guacas-Pensilvania; La Argentina-Riosucio 432
Villaraz-Pensilvania; La Manuelita-Riosucio 433
Resumen gráfico 434

Granja Kennedy-Pensilvania; Cuba-Victoria 435
La Pastorita-Victoria; La Julia-Filadelfia 436
Resumen gráfico 437

El Mirador-Filadelfia; La Juliana-Manizales 438
Santa Teresa-Manizales; La Selva-Manizales 439
Resumen gráfico 440

Las Colinas-Manizales; Santa Teresita-Manizales 441
El Recreo-Palestina; La Argentina-Palestina 442
Resumen gráfico 443

Moravo-Chinchiná; Java-Manizales 444
La Palma-Palestina; La Divisa-Chinchiná 445
Resumen gráfico 446

La Sierra-Chinchiná; La Francia-Chinchiná 447
Los Pomos-Chinchiná 448

CAUCA

Instituto Técnico-Santander de Quilichao 448
Resumen gráfico 449

Madrigal-Caldono; Portachuelo-Rosas 450

CUNDINAMARCA

Las Acacías-Paime; Canaima-La Palma 451
Resumen gráfico 452

La Esperanza-Villeta; Icalí-Sasaima 453
San Juan-San Juan de Rioseco; Pinar del Río-Silvania 454
Resumen gráfico 455

San Luis-Arbeláez; El Edén-San Juan de Rioseco 456
Cerinza-Vergara 457

HUILA	Villa Consuelo-Garzón	457
	Resumen gráfico	458
	Concentración de Desarrollo-Timaná	459
MAGDALENA	La Victoria-Santa Marta	459
META	Maringá-Acacías; Santa Helena-San Carlos de Guaroa	460
	Resumen gráfico	461
QUINDIO	La Esperanza-Filandia; Vivero-Quimbaya	462
	La Ilusión-Circasia; La Julia-Montenegro	463
	Resumen gráfico	464
	Sorrento-Montenegro -Tucumán-Armenia	465
	La Pradera-Armenia; El Jardín-Calarcá	466
	Resumen gráfico	467
	Quebradanegra-Calarcá; La Argentina-La Tebaida	468
	La Miranda-La Tebaida; Mónaco-Córdoba	469
	Resumen gráfico	470
	La Esperanza-Buenavista; El Porvenir-Pijao	471
	Villa Horizaba-Génova; La Alejandría-Génova	472
	Resumen gráfico	473
RISARALDA	La Oriental-Quinchía; El Barranco-Mistrató	474
	El Diamante-Quinchía; Buenos Aires-Guática	475
	Resumen gráfico	476
	Vistahermosa-B. de Umbría; Los Cámbulos-B. de Umbría	477
	Los Naranjos-Santuario; La Tribuna-Balboa	478
	Resumen gráfico	479
	El Castillo-Sta. Rosa de Cabal; El Bosque-Dosquebradas	480
	Combia-Pereira; La Playa-Pereira	481
	Resumen gráfico	482
	Los Cámbulos-Pereira; La Renta-Pereira	483
	Hiroshima-Pereira	484
SANTANDER	El Silencio-Rionegro	484
	Resumen gráfico	485
	Cocal-Rionegro; Los Cocos-Rionegro	486
	Ceylán-Bucaramanga; Miporal-Floridablanca	487
	Resumen gráfico	488

Bonanza-Girón; Casa de Teja-San Vicente de Chucuri 489
Santa Rita-San Gil; Cuchicute-Curití 490
Resumen gráfico 491

Chochos-Hato; La Laguna-Páramo 492
Las Flores-Pinchote; La Chapola-Socorro 493
Resumen gráfico 494

La Plazuela-Socorro; El Mesón-Valle de San José 495
Villanueva-Charalá; Cielo Roto-Suaita 496
Resumen gráfico 497

La Cumbre-Puente Nacional 498

TOLIMA

La Cimarrona-Fresno 498
Palocabildo-Fálan; La Danta-Casabianca 499
Resumen gráfico 500

El Edén-Líbano: El Inciensal-Murillo 501
Planes-Lérida; Guadualito-Santa Isabel 502
Resumen gráfico 503

Totarito-Alvarado; Janiyof-Anzoátegui 504
La Meseta-San Antonio; Poco a Poco-Chaparral 505
Resumen gráfico 506

Montefrío-Natagaima 507

VALLE

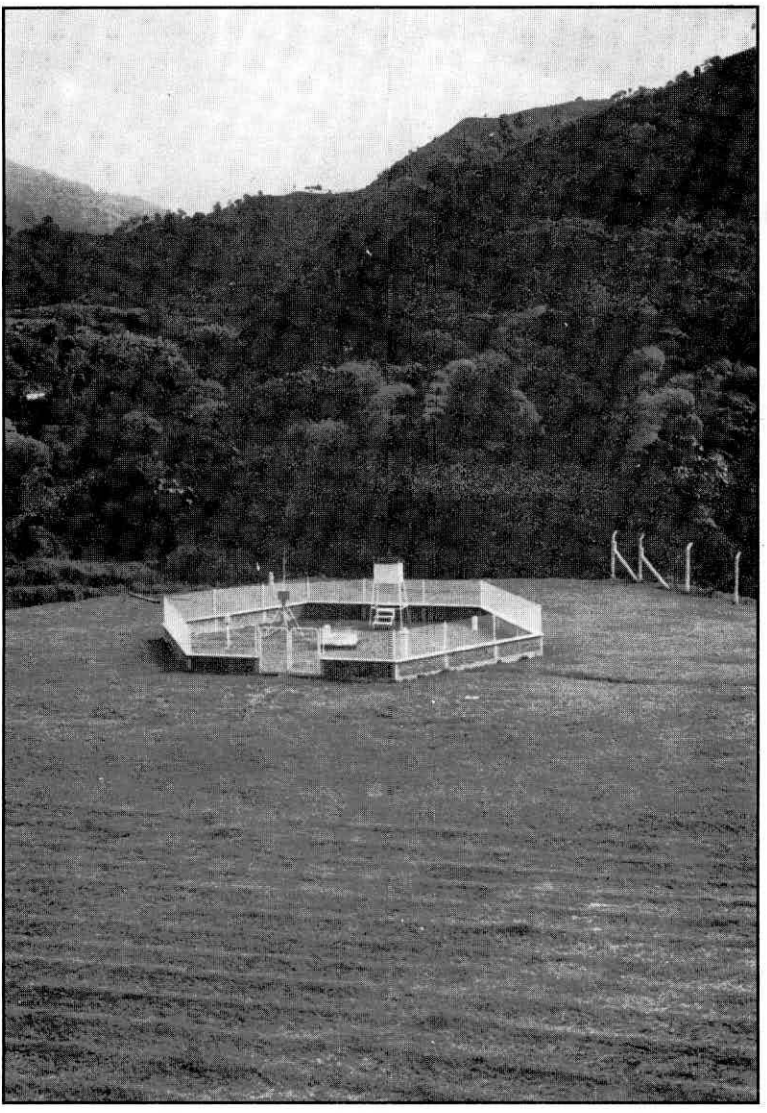
Santa Marta-El Aguila 507
El Placer-Ansermanuevo; Bellavista-Ansermanuevo 508
Resumen gráfico 509

Campanella-Palmira 510
Resumen gráfico 511

ESTACION SISMOLOGICA

CALDAS

Cenicafé-Chinchiná 513



ESTACIONES PRINCIPALES

Estación : COCORNA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : COCORNA

Latitud : 6 ° 4 ' N
Longitud : 75 ° 12 ' W
Altitud : 1230 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.1	22.0	19.8	91.3	.1	13.6	13.7	.2
2	16.9	23.0	19.3	86.3	1.1	0.0	1.1	.7
3	16.7	24.0	19.8	83.3	2.6	0.0	2.6	3.9
4	15.8	25.0	20.5	82.0	0.0	0.0	0.0	7.6
5	16.2	24.5	20.7	81.0	0.0	8.9	8.9	7.8
6	17.7	24.5	20.7	81.7	.1	1.8	1.9	3.3
7	18.0	25.5	21.0	82.7	0.0	.2	.2	3.8
8	16.8	24.9	21.0	81.3	0.0	10.9	10.9	8.5
9	17.8	24.5	20.4	86.0	.6	48.6	49.2	2.7
10	17.0	22.3	19.1	90.7	4.4	1.1	5.5	.7
11	16.9	22.6	19.3	91.7	1.6	0.0	1.6	.8
12	16.4	24.0	20.3	85.0	2.2	0.0	2.2	4.0
13	16.5	26.3	21 1	83.0	0.0	0.0	0.0	6.1
14	15.8	25.6	20.5	77.3	0.0	0.0	0.0	7.2
15	16.9	25.0	20.6	86.3	1.3	.1	1.4	5.5
16	17.4	24.3	20.1	87.3	3.5	10.6	14.1	1.9
17	16.5	23.0	19.5	88.0	.7	0.0	.7	4.5
18	16.9	24.0	19.8	87.0	0.0	0.0	0.0	4.0
19	16.1	23.9	19.8	82.3	.1	0.0	.1	4.6
20	16.2	24.9	20.4	80.0	.2	3.4	3.6	7.6
21	17.5	24.1	19.4	88.0	4.6	2.9	7.5	4.2
22	17.0	25.0	20.6	83.0	1.4	14.2	15.6	5.3
23	16.1	25.2	19.7	86.7	40.3	2.2	42.5	6.1
24	16.0	24.9	20.5	86.3	0.0	1.0	1.0	6.8
25	18.0	24.0	20.1	90.3	.2	24.6	24.8	1.2
26	17.7	24.6	20.7	84.3	.6	.5	1.1	3.9
27	17.6	25.0	21.0	85.7	0.0	0.0	0.0	5.5
28	16.2	25.4	21.3	81.3	0.0	0.0	0.0	8.0
29	16.8	25.3	21.1	83.0	0.0	0.0	0.0	5.0
30	16.8	25.1	21.0	81.7	0.0	0.0	0.0	6.2
31	16.0	24.2	20.3	82.3	4.6	0.0	4.6	3.8
Total :					70.2	144.6	214.8	141.4
Promedio :	16.8	24.4	20.3	84.7				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	24.5	19.7	80.0	13.7	1.8	15.5	6.1
2	17.0	24.8	21.0	84.7	0.0	.5	.5	7.9
3	16.9	26.0	21.7	80.7	0.0	.9	.9	7.0
4	17.0	25.5	20.8	82.0	.8	.3	1.1	5.7
5	16.4	24.2	20.0	85.7	0.0	26.8	26.8	4.8
6	16.2	25.0	20.8	84.7	0.0	17.5	17.5	8.1
7	16.0	25.5	20.0	82.3	0.0	4.2	4.2	7.6
8	16.6	23.0	19.5	90.0	0.0	0.0	0.0	.9
9	17.0	24.5	20.4	86.0	0.0	24.5	24.5	4.0
10	15.0	25.0	21.2	81.3	0.0	.8	.8	9.2
11	17.5	25.2	21.0	88.3	.1	20.1	20.2	4.7
12	17.3	26.0	20.5	85.3	7.1	4.8	11.9	5.7
13	16.0	25.8	21.1	85.0	0.0	2.5	2.5	7.1
14	18.5	26.9	22.6	84.7	0.0	.9	.9	8.7
15	18.4	26.8	22.4	83.3	0.0	11.5	11.5	7.1
16	17.6	25.2	21.0	90.0	.3	19.2	19.5	1.9
17	17.0	25.0	20.9	87.0	0.0	14.8	14.8	4.0
18	16.4	25.2	21.1	84.7	0.0	6.6	6.6	7.4
19	18.0	26.0	21.7	85.0	0.0	15.9	15.9	5.6
20	18.2	25.1	21.4	88.7	.5	59.2	59.7	3.6
21	18.1	26.0	21.4	84.3	0.0	34.9	34.9	6.8
22	17.5	25.8	22.2	85.3	.5	9.2	9.7	2.9
23	17.6	25.2	21.3	86.7	0.0	28.0	28.0	2.6
24	19.0	24.0	21.3	89.0	0.0	18.0	18.0	1.0
25	17.3	25.0	21.5	89.3	0.0	4.7	4.7	1.8
26	18.0	26.8	22.5	83.3	0.0	1.8	1.8	7.9
27	17.8	28.4	23.5	77.7	0.0	4.9	4.9	9.7
28	19.0	27.8	22.7	83.7	0.0	10.6	10.6	4.0
29								
30								
31								
Total :					23.0	344.9	367.9	153.8
Promedio :	17.3	25.5	21.3	85.0				

Estación : COCORNA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : COCORNA

Latitud : 6 ° 4 ' N
Longitud : 75 ° 12 ' W
Altitud : 1230 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	25.0	21.2	86.3	2.6	0.0	2.6	2.1
2	17.8	25.5	21.6	86.3	0.0	0.0	0.0	6.7
3	17.5	26.0	22.1	79.3	0.0	0.0	0.0	6.7
4	17.6	25.8	21.9	82.3	0.0	.4	.4	5.8
5	19.2	24.5	20.5	88.3	0.0	0.0	0.0	2.4
6	17.8	26.5	21.6	82.0	0.0	0.0	0.0	9.2
7	17.9	26.9	21.9	77.7	.1	0.0	.1	7.0
8	18.0	27.0	22.9	81.3	0.0	1.1	1.1	7.8
9	19.5	27.2	22.5	84.0	3.1	0.0	3.1	5.6
10	19.7	27.0	23.2	83.0	0.0	80.0	80.0	7.4
11	17.8	26.5	22.3	85.7	0.0	47.2	47.2	6.2
12	17.3	27.5	22.8	83.3	0.0	4.6	4.6	7.3
13	17.5	22.0	19.5	83.3	15.9	0.0	15.9	0.0
14	16.7	27.5	22.8	77.7	0.0	0.0	0.0	9.3
15	19.0	27.2	23.1	86.0	0.0	1.2	1.2	7.7
16	17.4	20.2	19.0	97.0	17.9	.1	18.0	0.0
17	18.0	20.5	18.7	97.3	12.4	0.0	12.4	0.0
18	17.0	23.5	19.2	93.7	13.8	0.0	13.8	.8
19	17.2	21.8	19.0	92.0	8.2	16.5	24.7	.1
20	15.9	23.5	19.2	94.7	1.6	.4	2.0	3.9
21	17.5	22.8	19.2	89.3	2.0	0.0	2.0	1.2
22	16.4	23.7	19.4	86.0	45.5	.7	46.2	4.8
23	16.0	22.5	18.9	86.7	27.8	2.9	30.7	2.6
24	15.4	24.4	20.3	83.7	0.0	0.0	0.0	6.3
25	16.8	25.7	21.2	83.0	0.0	26.6	26.6	5.9
26	17.5	23.0	19.4	90.0	8.0	0.0	8.0	2.4
27	17.0	22.5	18.9	90.7	15.1	0.0	15.1	3.4
28	17.2	23.5	20.3	87.3	0.0	10.0	10.0	2.9
29	15.3	24.5	19.8	84.7	.7	10.9	11.6	7.3
30	17.0	25.5	20.4	83.3	21.3	.2	21.5	6.9
31	16.5	24.5	20.7	88.7	.2	14.0	14.2	5.6
Total :					196.2	216.8	413.0	145.3
Promedio :	17.4	24.7	20.8	86.3				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.9	22.0	18.5	84.7	70.3	0.0	70.3	.9
2	16.0	27.0	21.6	79.0	.3	0.0	.3	9.0
3	18.7	25.0	21.5	86.7	0.0	32.7	32.7	3.0
4	16.9	24.8	20.8	85.7	0.0	1.8	1.8	3.5
5	18.0	26.5	22.0	83.7	.2	.3	.5	7.2
6	19.3	25.9	22.1	84.3	0.0	10.1	10.1	6.5
7	16.3	26.4	21.6	82.3	0.0	0.0	0.0	6.1
8	18.5	24.3	21.0	88.3	.2	41.1	41.3	1.9
9	17.0	24.5	20.5	88.0	9.0	0.0	9.0	3.8
10	18.1	25.0	21.5	87.3	0.0	13.7	13.7	3.2
11	17.0	24.7	21.2	88.3	4.2	1.8	6.0	1.9
12	18.6	26.0	22.2	87.0	0.0	0.0	0.0	6.8
13	18.6	26.2	22.1	85.7	0.0	10.8	10.8	7.1
14	16.9	26.0	21.4	84.7	1.3	0.0	1.3	2.6
15	18.2	23.0	19.9	87.0	0.0	0.0	0.0	1.6
16	18.1	27.0	22.0	79.0	0.0	60.1	60.1	7.0
17	17.9	23.7	20.5	88.3	16.2	.6	16.8	.3
18	18.0	21.3	19.7	93.3	15.5	0.0	15.5	0.0
19	16.9	25.0	21.2	84.3	0.0	0.0	0.0	4.3
20	18.5	23.8	19.8	91.3	4.7	14.4	19.1	2.5
21	16.0	24.5	20.0	85.0	2.1	4.1	6.2	3.6
22	17.0	22.4	19.0	91.7	28.7	9.5	38.2	.6
23	16.4	25.0	20.2	87.0	0.0	0.0	0.0	2.7
24	17.5	25.2	20.1	84.7	5.0	13.0	18.0	3.3
25	16.8	24.0	20.4	85.3	1.0	4.2	5.2	2.2
26	17.6	25.2	20.2	88.3	3.8	23.5	27.3	5.1
27	17.2	26.0	21.2	88.7	1.6	18.0	19.6	6.4
28	17.0	25.0	20.2	92.7	.2	24.8	25.0	3.7
29	16.5	26.5	22.4	76.0	0.0	8.4	8.4	8.8
30	16.6	24.0	20.1	83.7	.3	0.0	.3	.3
31								
Total :					164.6	292.9	457.5	115.9
Promedio :	17.4	24.9	20.8	86.1				

Estación : COCORNA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : COCORNA

Latitud : 6 ° 4 ' N
Longitud : 75 ° 12 ' W
Altitud : 1230 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	26.5	21.8	84.7	0.0	0.0	0.0	3.9
2	17.5	27.8	21.8	78.7	0.0	0.0	0.0	8.0
3	18.3	27.5	22.8	76.0	0.0	2.4	2.4	9.7
4	18.2	26.0	21.8	84.7	0.0	0.0	0.0	4.1
5	16.8	27.0	22.0	80.3	0.0	.1	.1	10.1
6	18.6	26.8	22.4	83.3	0.0	23.3	23.3	6.6
7	17.5	24.9	21.0	91.0	0.0	.1	.1	3.1
8	19.0	28.0	23.2	79.7	0.0	1.4	1.4	8.5
9	19.4	27.9	22.8	86.3	0.0	2.1	2.1	4.0
10	18.6	27.5	22.0	87.3	0.0	20.8	20.8	6.0
11	17.0	24.0	19.9	90.3	0.0	0.0	0.0	2.1
12	16.3	26.8	21.7	83.7	0.0	5.2	5.2	9.2
13	17.6	26.0	21.0	89.0	0.0	5.9	5.9	4.1
14	18.4	25.6	21.1	85.3	3.1	0.0	3.1	4.1
15	17.2	26.0	21.2	86.3	0.0	2.4	2.4	5.4
16	18.8	27.8	22.6	84.3	0.0	9.0	9.0	7.7
17	18.1	27.0	22.0	85.0	0.0	16.7	16.7	7.8
18	18.0	28.5	23.6	78.7	0.0	0.0	0.0	10.1
19	19.0	28.4	22.7	83.0	0.0	0.0	0.0	8.8
20	19.4	28.2	22.8	78.7	0.0	0.0	0.0	8.3
21	18.2	28.1	22.6	81.7	0.0	29.8	29.8	9.3
22	17.1	27.5	22.3	81.0	0.0	5.0	5.0	8.5
23	17.5	27.0	22.9	82.0	0.0	0.0	0.0	8.5
24	18.6	27.9	23.0	83.7	0.0	11.5	11.5	5.5
25	17.4	25.9	22.2	89.0	0.0	22.1	22.1	5.1
26	17.0	21.5	19.0	93.7	9.7	.2	9.9	.5
27	17.8	27.0	20.9	83.7	0.0	0.0	0.0	6.2
28	18.1	24.8	21.3	87.3	0.0	3.6	3.6	3.3
29	19.4	25.5	21.4	84.0	0.0	0.0	0.0	4.0
30	18.9	25.6	21.8	85.7	0.0	14.8	14.8	7.8
31	17.0	27.0	21.6	84.0	0.0	5.6	5.6	7.0
Total :					12.8	182.0	194.8	197.3
Promedio :	18.0	26.6	21.9	84.3				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.8	21.3	85.3	0.0	0.0	0.0	4.3
2	19.0	26.5	22.5	85.0	0.0	.1	.1	6.3
3	19.1	26.8	22.9	86.3	0.0	36.0	36.0	6.1
4	18.0	21.9	18.8	93.0	9.7	0.0	9.7	0.0
5	17.8	25.2	21.1	82.3	0.0	42.7	42.7	6.3
6	17.9	25.8	20.2	91.7	.1	5.7	5.8	2.3
7	19.0	22.8	20.4	93.7	9.6	29.9	39.5	.9
8	17.4	24.0	20.0	89.0	.2	13.4	13.6	1.3
9	17.0	24.5	20.4	87.0	0.0	9.3	9.3	5.2
10	16.8	26.2	22.3	78.7	0.0	24.6	24.6	9.6
11	17.0	25.8	21.8	85.0	0.0	64.0	64.0	6.7
12	16.4	24.9	20.5	82.0	0.0	0.0	0.0	5.2
13	18.1	25.1	21.6	85.7	0.0	1.6	1.6	4.4
14	18.1	25.5	21.7	83.0	0.0	0.0	0.0	7.6
15	17.6	26.5	22.1	85.0	0.0	21.9	21.9	8.2
16	17.8	26.5	20.7	88.0	2.4	25.8	28.2	2.2
17	17.5	26.0	22.6	83.0	0.0	10.5	10.5	5.8
18	17.1	25.8	21.0	90.0	0.0	48.7	48.7	4.8
19	17.0	25.7	21.0	85.3	.2	0.0	.2	6.6
20	17.1	28.5	22.7	80.0	0.0	1.0	1.0	10.1
21	19.0	26.7	21.4	87.7	0.0	11.8	11.8	6.4
22	17.0	27.8	22.2	82.3	0.0	6.8	6.8	9.9
23	18.1	27.1	22.9	84.3	0.0	0.0	0.0	9.7
24	19.1	25.6	21.5	87.3	7.9	2.8	10.7	2.5
25	18.2	25.0	19.9	86.0	37.1	.9	38.0	4.5
26	17.0	23.6	19.6	86.0	.9	4.8	5.7	2.4
27	17.5	24.0	19.8	93.0	0.0	0.0	0.0	1.6
28	16.8	27.8	22.6	81.7	0.0	3.1	3.1	10.5
29	18.0	26.2	21.4	86.7	0.0	40.4	40.4	5.9
30	17.0	24.5	20.9	87.7	0.0	4.7	4.7	5.3
31								
Total :					68.1	410.5	478.6	162.6
Promedio :	17.7	25.6	21.3	86.1				

Estación : COCORNA | **Dpto. : ANTIOQUIA** | **Latitud : 6 ° 4 ' N**
Año : 1997 | **Mpio. : COCORNA** | **Longitud : 75 ° 12 ' W**
Altitud : 1230 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	27.8	21.1	82.3	2.6	0.0	2.6	4.1
2	16.5	28.0	21.3	75.7	0.0	8.0	8.0	10.6
3	17.4	25.0	20.6	87.0	.4	0.0	.4	4.3
4	17.0	28.4	21.8	79.0	0.0	0.0	0.0	9.5
5	18.0	27.4	22.3	80.3	0.0	0.0	0.0	7.3
6	17.1	28.5	22.1	77.7	0.0	0.0	0.0	8.2
7	17.9	27.5	22.4	74.7	0.0	0.0	0.0	9.0
8	17.0	27.8	21.8	81.0	.3	5.0	5.3	9.7
9	16.9	26.7	21.3	86.0	0.0	0.0	0.0	7.9
10	18.1	26.5	22.0	83.0	0.0	.1	.1	9.0
11	17.4	26.9	22.6	77.0	0.0	0.0	0.0	7.8
12	16.8	27.6	21.7	79.7	0.0	0.0	0.0	8.0
13	16.5	29.5	22.4	60.7	0.0	0.0	0.0	10.7
14	18.0	27.3	22.3	77.0	0.0	0.0	0.0	9.4
15	16.9	27.2	22.5	77.7	0.0	0.0	0.0	7.0
16	17.5	27.9	22.6	80.7	0.0	0.0	0.0	7.3
17	17.0	27.6	21.9	80.0	0.0	0.0	0.0	9.1
18	16.9	27.9	21.8	76.7	0.0	0.0	0.0	7.7
19	16.8	28.7	22.1	71.3	0.0	0.0	0.0	9.5
20	16.7	29.5	22.8	69.7	0.0	0.0	0.0	10.7
21	17.2	27.0	22.3	76.3	0.0	0.0	0.0	9.8
22	17.2	28.2	21.5	81.7	0.0	0.0	0.0	5.9
23	17.2	29.9	24.1	66.3	0.0	0.0	0.0	10.8
24	17.5	29.8	24.2	63.0	0.0	0.0	0.0	10.8
25	17.8	26.6	21.7	78.7	0.0	0.0	0.0	.5
26	17.2	29.9	22.9	69.7	0.0	0.0	0.0	8.9
27	17.5	26.5	21.5	77.7	0.0	0.0	0.0	1.4
28	17.6	26.2	21.2	80.3	0.0	1.9	1.9	5.6
29	17.5	27.0	22.1	82.7	0.0	36.6	36.6	6.4
30	17.1	26.3	20.8	88.0	0.0	57.1	57.1	3.4
31	16.9	29.2	22.8	79.7	0.0	43.9	43.9	8.6
Total :					3.3	152.6	155.9	238.9
Promedio :	17.3	27.8	22.1	77.5				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	29.9	22.2	72.7	0.0	7.4	7.4	10.3
2	18.5	28.8	22.5	75.3	0.0	2.7	2.7	6.7
3	17.5	28.2	21.3	80.3	0.0	0.0	0.0	8.2
4	16.4	27.5	22.4	69.7	0.0	0.0	0.0	9.8
5	16.2	27.8	21.8	73.0	0.0	0.0	0.0	9.9
6	17.5	27.5	22.0	78.3	0.0	0.0	0.0	9.2
7	17.8	27.0	22.2	68.0	0.0	0.0	0.0	5.1
8	16.2	28.0	23.4	56.3	0.0	0.0	0.0	8.9
9	16.9	26.2	20.8	81.3	0.0	0.0	0.0	2.3
10	16.8	27.8	21.3	79.0	0.0	0.0	0.0	8.9
11	16.6	27.9	22.2	74.7	0.0	.2	.2	7.0
12	17.5	27.8	22.7	81.0	0.0	6.2	6.2	5.7
13	18.0	26.1	22.0	77.0	0.0	20.8	20.8	3.4
14	17.0	26.4	20.8	88.3	.2	0.0	.2	4.6
15	17.2	28.8	22.4	76.3	0.0	11.9	11.9	8.4
16	17.0	28.6	22.6	72.7	0.0	57.7	57.7	7.1
17	16.2	28.9	22.2	71.0	0.0	0.0	0.0	7.1
18	17.4	28.0	22.2	73.7	0.0	15.3	15.3	9.0
19	17.0	26.7	21.0	87.3	0.0	0.0	0.0	4.7
20	17.2	28.8	22.2	74.3	0.0	0.0	0.0	9.0
21	17.0	29.2	22.5	68.3	0.0	0.0	0.0	8.3
22	19.4	28.2	23.2	67.7	0.0	0.0	0.0	7.9
23	18.5	28.5	22.4	76.3	0.0	7.5	7.5	9.6
24	17.8	27.3	22.0	83.0	0.0	5.1	5.1	8.1
25	18.4	27.8	22.8	81.3	0.0	.8	.8	7.7
26	18.7	28.5	23.3	78.3	0.0	0.0	0.0	8.1
27	18.4	27.2	22.4	76.3	0.0	0.0	0.0	1.2
28	16.0	28.9	22.7	64.0	0.0	0.0	0.0	9.6
29	16.7	29.9	22.3	67.0	0.0	0.0	0.0	10.5
30	18.8	27.8	21.8	83.3	0.0	0.0	0.0	7.1
31	18.2	27.6	21.9	85.0	.1	1.9	2.0	6.8
Total :					.3	137.5	137.8	230.2
Promedio :	17.4	28.0	22.2	75.5				

Estación : COCORNA **Dpto. : ANTIOQUIA** **Latitud : 6 ° 4 ' N**
Año : 1997 **Mpio. : COCORNA** **Longitud : 75 ° 12 ' W**
Altitud : 1230 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	25.0	20.7	87.3	0.0	29.2	29.2	1.1
2	17.0	26.8	20.5	87.3	5.5	1.3	6.8	6.5
3	17.8	28.5	23.2	77.3	0.0	25.9	25.9	9.9
4	17.0	27.5	22.9	80.3	0.0	1.0	1.0	8.7
5	19.5	27.2	22.4	87.7	0.0	19.4	19.4	4.7
6	16.4	27.5	21.5	77.3	0.0	30.9	30.9	8.2
7	16.7	26.0	21.6	85.0	.7	13.1	13.8	5.7
8	17.7	24.5	21.2	88.0	.2	6.3	6.5	3.8
9	17.8	26.0	22.0	85.0	0.0	14.7	14.7	8.2
10	17.6	26.7	21.8	86.7	0.0	0.0	0.0	7.0
11	19.2	28.5	23.4	82.7	0.0	.6	.6	8.5
12	17.8	28.6	23.1	76.7	0.0	0.0	0.0	8.8
13	17.9	27.8	23.1	79.0	0.0	13.0	13.0	7.6
14	18.0	26.5	21.0	83.7	0.0	0.0	0.0	2.5
15	18.0	27.2	21.9	82.3	0.0	0.0	0.0	5.9
16	17.0	26.3	22.0	74.3	0.0	0.0	0.0	1.8
17	16.5	27.8	21.6	76.0	0.0	0.0	0.0	4.9
18	17.8	28.0	22.4	81.7	0.0	12.8	12.8	7.9
19	18.2	26.5	21.8	83.0	0.0	24.3	24.3	2.3
20	17.0	26.8	20.9	85.7	1.6	1.3	2.9	5.2
21	17.9	25.3	21.2	87.0	0.0	21.3	21.3	3.3
22	16.9	26.0	20.4	83.0	0.0	7.4	7.4	2.2
23	18.0	24.6	20.0	90.7	10.5	4.0	14.5	1.9
24	16.9	24.5	20.7	90.0	0.0	53.1	53.1	2.0
25	17.4	26.8	21.0	85.0	0.0	49.7	49.7	7.6
26	16.5	26.3	21.8	83.7	0.0	23.3	23.3	3.0
27	17.2	26.5	21.2	85.3	0.0	41.4	41.4	7.0
28	17.5	26.8	22.2	82.0	0.0	1.6	1.6	4.3
29	17.5	26.0	21.3	85.0	0.0	14.7	14.7	6.3
30	17.6	27.3	22.6	79.7	0.0	1.4	1.4	8.9
31								
Total :					18.5	411.7	430.2	165.7
Promedio :	17.6	26.7	21.7	83.3				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	26.8	21.6	86.7	0.0	8.7	8.7	7.0
2	17.8	27.0	21.8	87.0	1.3	70.6	71.9	5.6
3	17.4	25.0	21.1	88.7	1.0	16.0	17.0	1.9
4	17.5	27.2	22.4	84.0	0.0	23.5	23.5	8.6
5	17.8	24.8	19.2	90.0	1.3	0.0	1.3	.9
6	16.5	26.6	21.3	83.7	.1	5.8	5.9	3.8
7	18.3	27.5	21.6	86.0	.8	0.0	.8	7.9
8	17.0	28.5	22.8	69.7	0.0	.2	.2	8.8
9	17.0	27.5	22.8	78.0	0.0	13.3	13.3	7.7
10	18.2	27.0	21.0	82.3	.4	13.1	13.5	2.8
11	17.6	25.2	20.6	88.0	13.7	2.0	15.7	3.8
12	17.9	26.1	21.2	92.3	.1	4.3	4.4	4.1
13	17.3	26.8	20.6	86.7	13.4	.4	13.8	4.2
14	17.5	25.4	20.8	83.3	0.0	0.0	0.0	5.6
15	17.8	26.4	21.4	85.0	0.0	.8	.8	3.8
16	17.1	25.0	21.2	85.0	0.0	9.6	9.6	6.5
17	17.0	25.5	20.5	89.3	4.2	1.8	6.0	4.2
18	17.4	25.7	20.8	85.3	.4	41.4	41.8	4.8
19	17.6	24.8	20.2	89.0	0.0	0.0	0.0	5.0
20	17.0	26.9	21.9	82.3	0.0	28.4	28.4	8.1
21	17.6	26.8	21.6	87.0	0.0	27.1	27.1	7.0
22	17.5	26.3	21.8	84.3	0.0	1.4	1.4	8.7
23	19.0	26.9	22.2	85.0	0.0	1.2	1.2	7.8
24	18.2	27.5	23.2	81.7	0.0	0.0	0.0	9.5
25	18.7	28.8	23.6	81.7	0.0	10.5	10.5	9.2
26	17.8	27.7	23.0	84.0	0.0	0.0	0.0	8.6
27	18.5	27.8	23.2	83.0	0.0	13.5	13.5	7.4
28	17.5	27.5	21.2	77.3	.9	5.1	6.0	4.9
29	18.0	26.3	22.8	79.0	0.0	5.8	5.8	8.2
30	18.5	27.5	22.8	82.0	0.0	8.8	8.8	9.7
31	19.4	27.0	22.6	86.0	0.0	36.3	36.3	7.1
Total :					37.6	349.6	387.2	193.2
Promedio :	17.8	26.6	21.7	84.3				

Estación : COCORNA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : COCORNA

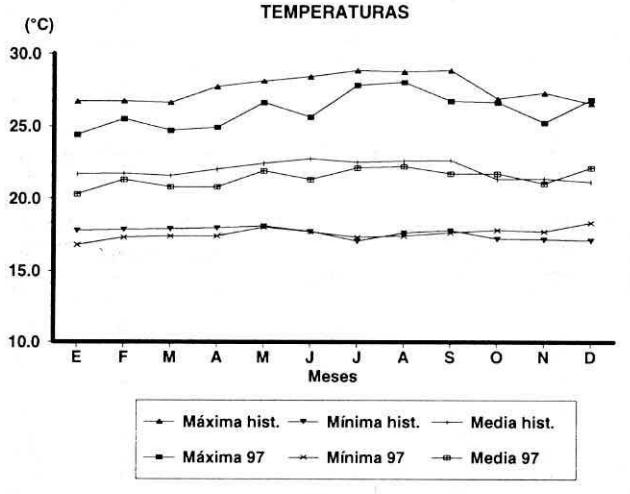
Latitud : 6 ° 4 ' N
Longitud : 75 ° 12 ' W
Altitud : 1230 m

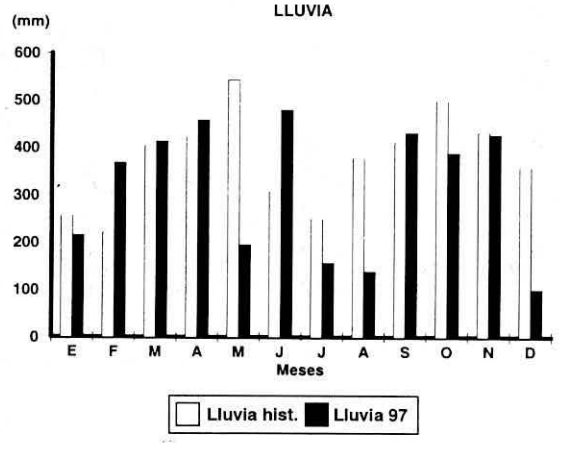
Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.8	25.2	20.6	85.7	0.0	0.0	0.0	2.9
2	18.0	28.0	23.2	81.7	0.0	21.4	21.4	8.9
3	18.5	27.0	22.0	86.0	0.0	9.6	9.6	5.3
4	18.5	26.8	22.2	87.0	0.0	87.0	87.0	5.4
5	18.0	25.5	21.0	83.7	0.0	1.1	1.1	3.2
6	19.1	25.5	21.5	91.7	0.0	38.3	38.3	3.4
7	18.0	25.8	21.5	84.0	0.0	35.7	35.7	3.4
8	17.9	22.6	20.0	94.3	.4	0.0	.4	0.0
9	17.8	24.6	20.5	90.0	.6	45.9	46.5	.5
10	17.0	24.2	20.6	88.3	.4	0.0	.4	4.6
11	18.0	26.1	21.2	88.0	13.1	9.0	22.1	7.7
12	17.5	25.3	21.5	87.7	0.0	0.0	0.0	5.8
13	17.0	23.6	19.4	90.3	0.0	0.0	0.0	3.6
14	17.6	20.5	18.2	96.3	11.4	0.0	11.4	.1
15	16.1	21.5	17.8	95.0	7.4	.1	7.5	2.3
16	16.0	24.2	20.4	87.0	0.0	30.0	30.0	7.0
17	17.8	26.2	21.2	86.7	1.3	3.4	4.7	6.7
18	17.0	25.8	20.8	87.7	0.0	0.0	0.0	3.4
19	18.5	26.5	22.4	86.7	1.0	16.2	17.2	7.3
20	17.8	25.5	21.2	86.7	0.0	42.6	42.6	4.9
21	18.0	25.8	21.4	85.0	0.0	0.0	0.0	8.7
22	18.2	27.6	22.9	80.3	0.0	0.0	0.0	8.6
23	19.8	27.0	23.0	85.3	0.0	33.5	33.5	6.6
24	17.0	26.0	20.6	84.3	0.0	0.0	0.0	3.9
25	17.5	24.8	21.4	85.3	0.0	.6	.6	4.2
26	17.0	23.5	19.1	92.3	3.3	0.0	3.3	.3
27	16.5	24.0	19.8	91.0	3.3	0.0	3.3	2.0
28	15.5	26.8	22.4	81.0	0.0	.4	.4	10.0
29	18.5	26.9	21.6	86.7	0.0	.3	.3	7.2
30	18.0	24.5	20.8	90.3	1.6	6.3	7.9	3.7
31								
Total :					43.8	381.4	425.2	141.6
Promedio :	17.7	25.2	21.0	87.5				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.2	25.4	20.8	86.0	0.0	0.0	0.0	4.2
2	17.9	25.0	20.8	92.0	1.1	0.0	1.1	4.8
3	17.1	27.0	22.4	83.7	0.0	0.0	0.0	9.0
4	17.3	26.8	22.9	80.7	0.0	0.0	0.0	9.8
5	18.5	28.0	23.0	82.0	0.0	0.0	0.0	6.8
6	18.8	28.1	23.2	84.3	0.0	0.0	0.0	7.5
7	18.4	28.8	22.8	81.0	0.0	0.0	0.0	8.7
8	17.7	29.2	22.6	76.0	0.0	0.0	0.0	9.3
9	18.0	27.5	21.8	78.3	3.5	7.2	10.7	9.9
10	18.5	27.8	22.6	84.7	0.0	.1	.1	7.3
11	18.8	28.0	23.0	84.7	0.0	8.8	8.8	9.0
12	18.2	26.5	22.5	87.0	0.0	.2	.2	7.9
13	18.0	27.7	23.0	80.0	0.0	5.3	5.3	10.1
14	18.6	25.6	22.2	86.3	0.0	4.1	4.1	6.0
15	17.5	23.8	20.2	91.7	.4	3.6	4.0	1.2
16	18.0	24.0	19.6	93.0	.3	0.0	.3	3.0
17	18.2	25.0	21.0	85.3	0.0	0.0	0.0	4.5
18	18.5	25.4	21.5	87.0	.1	.2	.3	5.5
19	17.8	26.0	21.8	85.3	0.0	0.0	0.0	6.8
20	18.8	25.8	21.0	84.0	0.0	.5	.5	5.6
21	19.0	26.3	21.6	88.0	0.0	6.4	6.4	5.1
22	19.5	28.2	22.6	80.7	0.0	0.0	0.0	6.8
23	19.0	28.9	23.0	72.3	0.0	6.4	6.4	10.0
24	18.6	29.0	23.4	78.3	0.0	0.0	0.0	9.2
25	18.0	28.5	22.5	78.7	0.0	0.0	0.0	8.6
26	19.0	27.6	23.2	84.0	0.0	0.0	0.0	9.7
27	18.9	27.0	23.4	83.3	0.0	9.4	9.4	8.0
28	19.4	26.2	22.2	88.7	0.0	0.0	0.0	5.6
29	18.7	28.4	22.8	84.3	0.0	11.5	11.5	6.9
30	17.3	24.0	20.0	94.0	1.4	25.5	26.9	4.7
31	17.5	25.8	22.1	80.7	0.0	4.2	4.2	6.6
Total :					6.8	93.4	100.2	218.1
Promedio :	18.3	26.8	22.1	84.1				

Estación : **COCORNA** **Dpto. :** ANTIOQUIA **Latitud :** 6 ° 4 'N
Año : 1997 **Mpio. :** COCORNA **Longitud :** 75 ° 12 'W
Altitud : 1230 **m**

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.8	24.4	20.3	26.3	15.8	84.7	214.8	23	141.4
Febrero	17.3	25.5	21.3	28.4	15.0	85.0	367.9	27	153.8
Marzo	17.4	24.7	20.8	27.5	15.3	86.3	413.0	25	145.3
Abril	17.4	24.9	20.8	27.0	15.9	86.1	457.5	25	115.9
Mayo	18.0	26.6	21.9	28.5	16.3	84.3	194.8	21	197.3
Junio	17.7	25.6	21.3	28.5	16.4	86.1	478.6	25	162.6
Julio	17.3	27.8	22.1	29.9	16.5	77.5	155.9	9	238.9
Agosto	17.4	28.0	22.2	29.9	16.0	75.5	137.8	13	230.2
Septiembre	17.6	26.7	21.7	28.6	16.4	83.3	430.2	24	165.7
Octubre	17.8	26.6	21.7	28.8	16.5	84.3	387.2	27	193.2
Noviembre	17.7	25.2	21.0	28.0	15.5	87.5	425.2	23	141.6
Diciembre	18.3	26.8	22.1	29.2	17.1	84.1	100.2	17	218.1
Promedio :	17.6	26.1	21.4			83.7			
Absoluta :				29.9	15.0				
Total :							3763.1	259	2104.0





Estación : EL ROSARIO **Dpto. : ANTIOQUIA** **Latitud : 5 ° 58 ' N**
Año : 1997 **Mpio. : VENECIA** **Longitud : 75 ° 43 ' W**
Altitud : 1600 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	22.5	17.9	88.0	8.8	.2	9.0	.2
2	16.0	22.8	19.0	83.7	.9	2.7	3.6	2.0
3	15.8	23.7	19.9	78.7	0.0	0.0	0.0	3.7
4	16.0	26.5	20.6	69.3	0.0	0.0	0.0	8.8
5	16.1	26.0	20.5	71.0	0.0	0.0	0.0	7.5
6	16.8	24.2	19.6	82.7	0.0	0.0	0.0	4.3
7	17.0	21.5	18.9	80.3	0.0	0.0	0.0	0.0
8	16.0	26.5	21.1	67.3	0.0	0.0	0.0	9.8
9	16.8	23.5	19.5	78.0	0.0	2.2	2.2	2.0
10	16.0	23.0	18.3	85.0	4.8	3.5	8.3	1.7
11	15.6	24.2	19.4	82.3	0.0	0.0	0.0	4.9
12	16.0	25.0	19.0	80.7	3.5	0.0	3.5	7.1
13	16.2	26.3	20.9	66.7	0.0	0.0	0.0	9.3
14	16.0	25.8	21.2	66.7	0.0	0.0	0.0	8.4
15	15.8	26.2	20.8	68.3	.3	.9	1.2	7.1
16	16.7	25.0	19.4	78.7	.5	4.3	4.8	5.2
17	16.0	25.5	18.3	80.7	18.2	0.0	18.2	6.8
18	16.2	25.8	19.5	72.7	4.4	0.0	4.4	9.1
19	15.0	25.0	19.9	60.7	0.0	0.0	0.0	10.0
20	16.0	24.3	18.3	75.3	2.4	.7	3.1	3.7
21	15.8	25.5	19.6	68.7	0.0	0.0	0.0	7.3
22	15.5	26.0	19.6	75.3	0.0	0.0	0.0	7.6
23	15.0	26.1	18.2	83.0	10.6	7.0	17.6	6.1
24	13.8	24.0	19.0	78.3	.4	0.0	.4	5.6
25	16.8	23.5	17.8	85.3	16.0	.1	16.1	2.5
26	16.7	24.5	19.4	77.0	12.3	10.9	23.2	4.2
27	16.0	25.7	20.2	76.3	0.0	0.0	0.0	6.2
28	15.8	26.0	20.0	67.7	.4	0.0	.4	8.1
29	16.5	26.5	20.8	69.0	.9	0.0	.9	6.3
30	16.0	26.8	20.7	68.3	.4	0.0	.4	8.7
31	15.7	25.2	19.2	73.0	2.3	0.0	2.3	6.6
Total :					87.1	32.5	119.6	180.8
Promedio :	16.0	24.9	19.6	75.4				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	23.6	19.2	75.7	0.0	2.5	2.5	3.0
2	16.0	25.5	19.7	77.0	.1	.6	.7	5.4
3	17.0	25.2	19.4	74.0	23.4	0.0	23.4	4.4
4	15.8	24.5	17.9	80.7	17.8	9.5	27.3	4.3
5	14.5	25.0	19.1	73.7	1.8	0.0	1.8	6.2
6	16.0	24.7	19.0	81.0	0.0	14.0	14.0	2.1
7	15.2	25.7	20.3	69.3	.2	0.0	.2	5.6
8	16.5	24.5	20.0	76.7	0.0	5.4	5.4	4.0
9	16.6	26.4	20.6	74.7	0.0	6.7	6.7	6.2
10	15.5	24.5	20.0	76.7	0.0	27.1	27.1	5.7
11	15.0	22.8	19.2	85.3	0.0	33.1	33.1	1.3
12	16.0	24.8	19.4	82.7	.9	5.3	6.2	4.4
13	15.5	26.4	20.8	79.7	0.0	0.0	0.0	8.0
14	16.9	27.8	22.8	68.7	0.0	0.0	0.0	10.4
15	18.4	26.2	21.2	75.7	2.2	0.0	2.2	6.6
16	18.0	23.7	20.2	80.0	2.3	22.5	24.8	2.9
17	16.0	24.0	18.8	83.3	.2	0.0	.2	3.1
18	15.2	26.0	19.8	79.3	1.0	0.0	1.0	9.2
19	17.5	27.0	20.8	71.3	0.0	0.0	0.0	8.1
20	17.1	25.0	20.2	82.0	2.9	.9	3.8	3.5
21	17.0	26.5	21.5	76.3	0.0	1.8	1.8	5.1
22	17.7	25.6	21.4	79.0	0.0	.1	.1	4.6
23	18.2	24.5	21.2	72.7	0.0	0.0	0.0	.5
24	18.0	23.8	21.2	74.7	0.0	0.0	0.0	.9
25	17.6	23.8	20.8	82.7	0.0	0.0	0.0	0.0
26	17.8	27.8	22.4	68.3	1.6	0.0	1.6	6.1
27	18.0	28.0	23.0	62.0	0.0	0.0	0.0	7.3
28	19.5	27.6	23.4	68.7	0.0	0.0	0.0	6.6
29								
30								
31								
Total :					54.4	129.5	183.9	135.5
Promedio :	16.7	25.4	20.5	76.1				

Estación : EL ROSARIO | **Dpto. : ANTIOQUIA** | **Latitud : 5 ° 58 ' N**
Año : 1997 | **Mpio. : VENECIA** | **Longitud : 75 ° 43 ' W**
Altitud : 1600 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	24.0	21.0	82.0	0.0	0.0	0.0	.9
2	17.7	27.5	21.8	73.0	.3	2.0	2.3	5.3
3	17.8	26.7	21.8	63.7	0.0	0.0	0.0	8.1
4	16.4	27.2	21.8	67.7	.2	0.0	.2	8.0
5	18.0	23.0	20.0	81.0	0.0	0.0	0.0	.2
6	16.5	27.2	21.8	63.7	0.0	0.0	0.0	8.0
7	17.2	28.1	22.8	65.0	0.0	0.0	0.0	9.5
8	17.5	28.0	23.2	60.7	0.0	0.0	0.0	8.2
9	18.9	28.2	22.9	67.7	0.0	0.0	0.0	6.1
10	18.8	27.2	22.0	79.0	0.0	4.7	4.7	4.8
11	17.0	26.7	21.2	76.7	.4	.4	.8	6.4
12	17.6	26.0	21.8	74.3	.6	2.7	3.3	6.0
13	15.7	18.8	17.0	93.7	6.9	0.0	6.9	0.0
14	15.8	27.8	22.5	70.0	0.0	0.0	0.0	9.6
15	18.0	28.8	22.2	73.3	9.1	0.0	9.1	9.1
16	18.4	22.2	19.5	85.3	1.3	3.5	4.8	0.0
17	17.0	20.0	17.7	91.3	24.2	0.0	24.2	0.0
18	16.4	22.2	18.5	85.3	17.7	2.5	20.2	.6
19	16.0	24.0	19.7	85.0	0.0	1.1	1.1	1.0
20	16.1	25.5	20.0	77.3	0.0	19.1	19.1	2.3
21	15.9	24.8	19.7	79.3	0.0	.5	.5	3.3
22	16.5	26.3	21.2	73.0	0.0	1.8	1.8	6.8
23	16.0	25.6	20.7	69.0	0.0	0.0	0.0	8.1
24	16.2	27.0	21.2	62.3	0.0	0.0	0.0	10.4
25	17.2	26.8	21.6	63.7	0.0	0.0	0.0	8.4
26	16.7	25.0	20.8	67.3	0.0	.3	.3	3.0
27	17.0	26.2	21.0	68.0	0.0	1.6	1.6	5.5
28	16.6	26.0	19.7	73.3	.2	0.0	.2	3.3
29	16.1	26.1	20.6	69.3	0.0	0.0	0.0	6.1
30	17.2	27.6	21.8	63.3	0.0	0.0	0.0	5.7
31	17.5	25.5	20.4	74.7	0.0	0.0	0.0	5.1
Total :					60.9	40.2	101.1	159.8
Promedio :	17.0	25.7	20.9	73.5				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	24.0	19.2	73.3	1.7	0.0	1.7	2.5
2	16.6	28.0	22.0	66.0	0.0	0.0	0.0	7.7
3	17.8	28.5	20.6	73.0	.1	36.1	36.2	5.9
4	16.0	25.3	18.7	82.0	14.3	0.0	14.3	4.0
5	17.1	26.5	21.9	78.7	1.0	0.0	1.0	7.5
6	18.8	28.2	21.4	78.7	3.4	30.1	33.5	8.3
7	15.8	27.0	21.4	70.0	0.0	0.0	0.0	6.5
8	18.4	26.0	21.9	76.0	0.0	3.7	3.7	3.1
9	17.0	25.0	20.9	76.7	0.0	0.0	0.0	3.9
10	16.6	25.2	20.7	84.3	.2	0.0	.2	3.2
11	17.6	25.0	20.6	84.3	.2	0.0	.2	1.2
12	18.0	27.5	23.3	72.3	0.0	0.0	0.0	7.8
13	18.3	25.2	21.2	84.3	2.6	.1	2.7	2.8
14	17.6	25.5	20.8	83.3	0.0	0.0	0.0	3.1
15	17.5	26.8	21.3	75.0	0.0	0.0	0.0	4.8
16	17.4	28.0	21.8	73.0	3.9	0.0	3.9	8.8
17	16.9	24.0	20.2	85.3	5.5	0.0	5.5	.9
18	17.8	22.5	19.1	87.0	2.9	0.0	2.9	0.0
19	16.6	23.7	18.8	81.3	1.5	71.8	73.3	0.0
20	15.9	22.8	18.0	96.0	3.7	2.8	6.5	1.3
21	16.2	22.9	19.4	80.7	.5	20.2	20.7	1.6
22	16.2	21.8	18.3	92.0	2.2	1.1	3.3	.3
23	15.8	25.0	19.2	85.0	0.0	2.8	2.8	3.9
24	16.2	25.5	19.8	74.7	0.0	0.0	0.0	3.9
25	16.6	24.3	19.3	80.3	.9	0.0	.9	1.5
26	16.0	24.0	18.8	84.3	1.7	.2	1.9	3.3
27	17.1	24.6	20.2	83.3	1.3	6.7	8.0	2.5
28	15.6	23.5	19.2	81.3	2.7	0.0	2.7	4.2
29	16.5	26.7	21.7	66.3	0.0	0.0	0.0	10.1
30	17.6	25.5	21.2	74.7	0.0	0.0	0.0	.6
31								
Total :					50.3	175.6	225.9	115.2
Promedio :	16.9	25.3	20.4	79.4				

Estación : EL ROSARIO
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : VENECIA

Latitud : 5 ° 58 ' N
Longitud : 75 ° 43 ' W
Altitud : 1600 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.1	26.5	22.2	73.3	0.0	0.0	0.0	7.6
2	18.4	27.8	23.8	64.0	0.0	0.0	0.0	8.7
3	18.3	27.2	23.2	71.3	0.0	0.0	0.0	7.5
4	18.0	26.0	21.6	75.7	0.0	0.0	0.0	1.8
5	17.1	27.8	20.0	81.0	10.6	26.4	37.0	10.3
6	16.5	26.0	21.8	76.7	0.0	.1	.1	2.4
7	18.0	25.2	21.0	81.3	4.2	0.0	4.2	3.1
8	17.0	27.0	22.1	80.3	.2	0.0	.2	8.2
9	17.1	25.5	21.1	86.0	0.0	19.0	19.0	.6
10	15.8	24.5	19.9	87.3	.6	53.9	54.5	2.9
11	15.0	23.0	17.9	92.7	0.0	0.0	0.0	1.0
12	16.1	26.0	19.6	80.7	.1	0.0	.1	5.0
13	16.0	25.5	20.5	81.3	0.0	48.9	48.9	3.1
14	15.0	23.0	18.8	90.7	5.7	9.2	14.9	2.1
15	16.0	23.5	20.0	82.7	0.0	0.0	0.0	2.8
16	16.4	26.2	20.8	74.0	12.9	0.0	12.9	7.7
17	17.0	27.0	21.2	79.7	.1	0.0	.1	8.1
18	17.7	27.6	22.7	68.3	0.0	0.0	0.0	10.2
19	19.0	27.5	22.9	72.7	0.0	0.0	0.0	8.5
20	18.2	27.0	22.8	76.7	0.0	0.0	0.0	7.2
21	18.0	28.2	22.9	78.3	0.0	13.0	13.0	8.0
22	15.0	24.0	20.2	79.3	0.0	0.0	0.0	4.0
23	17.0	27.5	23.2	71.0	0.0	0.0	0.0	6.1
24	18.0	27.0	22.8	80.7	0.0	0.0	0.0	5.8
25	16.0	25.0	19.7	83.7	5.7	1.8	7.5	2.6
26	16.2	22.2	18.7	96.3	0.0	62.6	62.6	.8
27	15.6	26.0	21.1	80.7	0.0	0.0	0.0	5.2
28	16.3	24.1	18.5	91.3	26.0	.6	26.6	1.8
29	16.8	25.2	21.2	77.7	3.3	0.0	3.3	5.8
30	17.0	25.7	19.7	84.7	13.1	25.1	38.2	4.6
31	16.1	23.5	18.7	87.0	14.5	.3	14.8	2.6
Total :					97.0	260.9	357.9	156.1
Promedio :	16.8	25.7	21.0	80.2				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	24.4	20.2	87.7	0.0	0.0	0.0	3.7
2	17.1	25.5	21.5	79.3	0.0	0.0	0.0	4.1
3	18.0	27.0	21.8	76.3	1.2	.1	1.3	7.1
4	15.0	18.8	16.4	94.7	19.3	0.0	19.3	0.0
5	14.4	23.5	19.6	84.7	0.0	.2	.2	3.2
6	17.0	24.5	20.1	85.0	1.1	3.4	4.5	2.1
7	15.6	18.5	16.8	95.3	14.5	3.7	18.2	0.0
8	15.1	23.7	19.1	86.3	1.0	0.0	1.0	2.1
9	16.5	24.5	19.9	83.0	0.0	.3	.3	2.9
10	16.0	23.0	19.8	89.3	0.0	5.5	5.5	5.0
11	16.5	26.0	20.8	84.0	0.0	70.4	70.4	6.3
12	14.5	23.2	18.6	78.7	.8	0.0	.8	6.2
13	16.2	24.2	19.8	83.3	.3	6.5	6.8	1.7
14	15.0	25.3	20.4	81.7	0.0	0.0	0.0	7.0
15	17.0	26.5	21.6	74.7	0.0	0.0	0.0	9.1
16	15.9	27.0	20.0	78.0	10.7	0.0	10.7	4.4
17	16.5	25.2	20.8	78.7	0.0	.8	.8	5.2
18	16.6	23.0	19.6	87.7	0.0	36.6	36.6	3.2
19	15.0	22.8	18.3	91.7	0.0	0.0	0.0	1.1
20	16.5	26.0	21.5	76.3	0.0	12.8	12.8	9.6
21	17.3	25.7	20.9	82.3	0.0	0.0	0.0	6.8
22	17.0	26.7	21.6	80.0	0.0	0.0	0.0	9.9
23	17.6	27.0	21.5	82.3	3.1	0.0	3.1	10.6
24	18.2	25.0	21.4	79.3	0.0	30.2	30.2	1.3
25	16.0	23.7	18.2	87.3	17.3	6.0	23.3	2.0
26	15.6	23.7	18.4	90.7	5.9	0.0	5.9	2.6
27	16.2	24.0	19.2	83.3	.4	0.0	.4	1.7
28	16.0	27.9	21.8	76.3	0.0	37.8	37.8	8.7
29	14.5	25.8	20.6	81.7	0.0	.2	.2	7.8
30	17.1	25.4	21.0	73.3	0.0	1.9	1.9	5.7
31								
Total :					75.6	216.4	292.0	141.1
Promedio :	16.2	24.6	20.0	83.1				

Estación : EL ROSARIO
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : VENECIA

Latitud : 5 ° 58 ' N
Longitud : 75 ° 43 ' W
Altitud : 1600 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	24.8	21.0	72.7	.4	0.0	.4	4.7
2	16.5	27.2	22.3	65.3	0.0	0.0	0.0	11.0
3	18.0	26.0	21.8	68.3	0.0	0.0	0.0	4.9
4	17.2	27.0	22.6	66.7	0.0	0.0	0.0	9.2
5	18.6	26.5	22.5	64.7	0.0	0.0	0.0	6.0
6	18.3	27.5	22.9	61.3	0.0	0.0	0.0	8.2
7	18.6	28.0	23.4	62.3	0.0	0.0	0.0	9.9
8	18.4	27.0	22.7	67.3	0.0	1.1	1.1	7.8
9	17.0	25.0	20.4	85.0	0.0	0.0	0.0	4.4
10	17.4	26.7	22.2	68.7	0.0	0.0	0.0	10.7
11	17.5	27.0	22.4	70.7	0.0	0.0	0.0	10.0
12	17.6	27.5	22.9	65.7	0.0	0.0	0.0	11.2
13	18.0	28.6	23.6	52.7	0.0	0.0	0.0	11.3
14	18.5	27.5	22.8	61.7	0.0	0.0	0.0	8.8
15	18.5	27.0	22.4	63.0	0.0	0.0	0.0	4.5
16	18.8	26.5	22.2	77.3	0.0	0.0	0.0	7.9
17	17.0	28.0	23.0	71.0	0.0	0.0	0.0	11.0
18	18.0	28.4	22.7	64.7	0.0	0.0	0.0	7.4
19	19.0	29.8	23.7	51.0	0.0	0.0	0.0	10.5
20	18.0	29.0	23.8	53.0	0.0	0.0	0.0	10.3
21	19.0	28.2	23.5	62.3	0.0	0.0	0.0	10.3
22	18.6	27.2	22.2	66.3	0.0	0.0	0.0	3.6
23	19.0	30.3	25.0	45.7	0.0	0.0	0.0	11.3
24	19.1	31.0	25.8	47.7	0.0	0.0	0.0	11.5
25	19.8	27.0	22.6	61.7	0.0	0.0	0.0	1.9
26	19.2	28.7	24.2	53.3	0.0	0.0	0.0	8.0
27	19.3	25.2	21.8	60.3	0.0	0.0	0.0	.1
28	18.8	26.0	20.5	75.3	0.0	0.0	0.0	2.8
29	17.4	26.6	20.2	81.3	5.4	5.4	10.8	6.3
30	16.5	26.4	21.0	76.3	.1	1.0	1.1	5.9
31	17.4	28.2	22.2	71.7	0.0	10.0	10.0	7.9
Total :					5.9	17.5	23.4	239.3
Promedio :	18.1	27.4	22.6	65.0				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	27.5	22.7	61.7	0.0	0.0	0.0	11.2
2	18.4	27.8	22.6	66.0	0.0	0.0	0.0	7.5
3	18.4	28.0	23.0	61.0	0.0	0.0	0.0	7.7
4	17.8	28.5	23.8	58.0	0.0	0.0	0.0	11.1
5	18.5	29.0	24.3	49.3	0.0	0.0	0.0	9.8
6	19.3	29.9	25.0	50.7	0.0	0.0	0.0	9.7
7	20.2	27.0	23.7	51.0	0.0	0.0	0.0	2.2
8	18.6	28.5	24.0	48.3	0.0	0.0	0.0	7.9
9	19.4	25.5	20.7	64.3	.4	0.0	.4	.4
10	16.8	25.8	20.7	67.0	1.3	0.0	1.3	6.1
11	17.5	28.5	22.6	62.7	0.0	0.0	0.0	6.8
12	18.5	28.2	23.8	60.0	0.0	0.0	0.0	5.4
13	18.8	27.8	22.2	69.3	0.0	0.0	0.0	3.9
14	18.0	26.6	23.0	65.7	0.0	0.0	0.0	2.8
15	18.5	29.0	24.2	60.0	0.0	.1	.1	8.3
16	18.2	29.0	23.6	60.0	0.0	0.0	0.0	8.0
17	18.4	29.6	23.7	52.0	0.0	0.0	0.0	8.7
18	18.5	29.2	23.7	57.3	0.0	0.0	0.0	6.3
19	17.5	27.5	21.1	76.0	0.0	0.0	0.0	5.0
20	17.3	29.9	23.8	50.7	0.0	0.0	0.0	9.4
21	18.0	30.4	24.4	45.0	0.0	0.0	0.0	11.0
22	19.5	29.5	24.2	56.3	0.0	0.0	0.0	7.1
23	18.6	29.7	24.1	58.3	0.0	0.0	0.0	9.5
24	19.0	30.0	23.5	61.0	0.0	0.0	0.0	6.4
25	18.7	30.6	22.7	73.0	2.7	0.0	2.7	7.6
26	19.5	29.5	23.4	72.0	0.0	0.0	0.0	5.9
27	19.2	28.5	22.9	63.7	0.0	0.0	0.0	2.3
28	18.8	30.8	24.7	44.7	0.0	0.0	0.0	10.8
29	18.4	31.2	24.2	47.0	0.0	0.0	0.0	11.0
30	17.8	29.0	22.9	66.7	.7	0.0	.7	6.7
31	18.3	28.5	22.9	69.3	16.9	0.0	16.9	5.7
Total :					22.0	.1	22.1	222.2
Promedio :	18.4	28.7	23.3	59.6				

Estación : EL ROSARIO **Dpto. : ANTIOQUIA** **Latitud : 5 ° 58 ' N**
Año : 1997 **Mpio. : VENECIA** **Longitud : 75 ° 43 ' W**
Altitud : 1600 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	27.2	22.0	75.7	1.7	12.1	13.8	4.1
2	16.4	26.3	19.2	78.3	23.8	1.1	24.9	6.1
3	16.0	27.5	22.0	67.3	.2	0.0	.2	8.1
4	18.0	29.0	23.4	65.3	0.0	0.0	0.0	10.3
5	18.2	27.5	21.2	78.3	2.0	10.0	12.0	4.0
6	15.0	27.2	21.3	70.0	0.0	9.3	9.3	7.8
7	16.0	24.0	19.2	84.7	3.7	14.5	18.2	2.1
8	15.5	24.2	18.4	90.3	1.4	40.0	41.4	2.3
9	16.5	23.8	19.5	79.0	0.0	0.0	0.0	3.2
10	17.8	28.2	23.2	66.7	0.0	0.0	0.0	7.6
11	18.8	27.2	22.5	71.0	7.4	0.0	7.4	6.5
12	19.0	27.0	22.6	66.7	.4	0.0	.4	7.8
13	18.0	27.2	21.8	71.7	0.0	0.0	0.0	5.7
14	17.8	26.2	21.9	70.7	0.0	0.0	0.0	3.0
15	18.4	27.8	23.2	68.0	1.1	3.6	4.7	9.1
16	18.6	26.8	22.5	68.3	0.0	0.0	0.0	2.9
17	18.6	27.8	22.8	58.0	0.0	0.0	0.0	4.8
18	18.0	28.0	23.7	61.0	0.0	0.0	0.0	7.4
19	18.9	28.2	22.1	72.7	0.0	12.9	12.9	2.2
20	16.2	24.7	19.8	82.3	0.0	1.9	1.9	3.1
21	17.0	25.6	20.4	79.3	3.3	47.4	50.7	3.8
22	15.5	24.0	19.7	78.7	0.0	1.2	1.2	2.2
23	17.0	23.6	19.4	86.3	1.1	15.9	17.0	1.3
24	16.0	23.5	19.6	85.7	0.0	29.9	29.9	1.7
25	14.7	26.2	18.4	67.3	41.1	3.8	44.9	6.0
26	16.0	25.0	20.1	80.3	.3	11.0	11.3	3.0
27	16.4	26.5	20.0	73.3	24.1	0.0	24.1	5.0
28	17.2	25.2	21.0	79.3	0.0	0.0	0.0	3.1
29	17.6	26.7	21.2	74.3	0.0	0.0	0.0	6.9
30	17.4	25.5	21.2	70.0	.4	0.0	.4	5.8
31								
Total :					112.0	214.6	326.6	146.9
Promedio :	17.2	26.3	21.1	74.0				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.2	21.2	74.3	0.0	1.1	1.1	4.5
2	16.5	25.5	21.0	79.0	0.0	71.1	71.1	5.4
3	16.0	22.8	18.6	88.3	2.0	1.2	3.2	.4
4	16.2	26.5	20.2	75.0	0.0	7.4	7.4	7.2
5	16.0	24.2	19.5	81.7	0.0	0.0	0.0	1.1
6	16.4	26.4	21.3	72.3	0.0	0.0	0.0	7.1
7	17.8	27.5	22.2	70.3	0.0	0.0	0.0	7.8
8	18.2	25.6	21.4	73.3	0.0	0.0	0.0	3.8
9	17.2	27.0	21.7	68.3	0.0	7.7	7.7	7.6
10	17.0	24.0	19.6	92.3	3.3	4.1	7.4	3.2
11	16.8	24.5	19.7	83.3	0.0	7.9	7.9	2.2
12	16.8	24.8	20.5	76.0	0.0	.3	.3	4.0
13	17.2	24.2	19.9	84.3	0.0	.2	.2	2.6
14	16.5	25.0	20.2	70.0	0.0	0.0	0.0	2.8
15	17.5	25.2	20.8	69.0	0.0	0.0	0.0	4.2
16	17.1	24.8	20.8	76.0	.3	12.6	12.9	4.7
17	16.0	22.0	18.8	82.3	2.3	0.0	2.3	2.1
18	16.4	23.5	18.8	84.7	5.1	3.3	8.4	4.2
19	16.0	24.8	20.2	81.3	.3	0.0	.3	4.6
20	17.2	26.5	20.2	81.7	4.6	14.6	19.2	8.4
21	16.2	25.3	19.4	86.0	8.7	27.1	35.8	6.9
22	16.1	23.0	19.3	87.3	.5	.1	.6	3.5
23	16.4	26.6	22.2	74.7	0.0	0.0	0.0	9.1
24	18.0	28.8	23.2	65.7	0.0	0.0	0.0	10.5
25	18.8	27.2	23.2	69.0	0.0	.2	.2	10.5
26	17.6	27.3	22.9	69.7	0.0	.8	.8	9.1
27	18.8	27.7	23.2	71.7	.9	.1	1.0	9.3
28	18.0	24.2	20.7	76.7	6.2	.9	7.1	2.0
29	18.0	25.2	21.4	78.0	.4	0.0	.4	6.3
30	17.8	27.5	22.2	74.7	0.0	0.0	0.0	9.2
31	18.0	26.5	22.1	73.3	0.0	6.3	6.3	5.6
Total :					34.6	167.0	201.6	169.9
Promedio :	17.1	25.5	20.9	77.1				

Estación : EL ROSARIO | **Dpto. : ANTIOQUIA** | **Latitud : 5 ° 58 ' N**
Año : 1997 | **Mpio. : VENECIA** | **Longitud : 75 ° 43 ' W**
Altitud : 1600 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	25.0	20.8	81.7	6.7	0.0	6.7	4.8
2	18.0	28.0	21.9	75.0	0.0	0.0	0.0	8.1
3	18.6	25.0	20.9	86.0	.7	0.0	.7	.9
4	18.2	24.8	19.8	88.7	29.0	.3	29.3	3.6
5	17.5	25.0	21.3	80.7	0.0	0.0	0.0	2.2
6	18.5	24.0	19.8	91.7	15.3	9.1	24.4	2.2
7	17.2	24.4	20.3	82.0	6.0	53.2	59.2	1.3
8	16.8	21.5	17.9	95.0	5.7	7.4	13.1	0.0
9	16.2	21.8	18.2	93.3	16.9	1.3	18.2	.1
10	16.4	23.5	19.2	81.7	2.4	0.0	2.4	1.6
11	17.2	23.2	19.5	83.0	.1	0.0	.1	1.3
12	16.4	24.7	20.0	83.0	0.0	0.0	0.0	3.2
13	16.8	23.5	18.6	87.7	2.5	0.0	2.5	1.7
14	16.2	22.2	17.8	89.7	3.2	2.6	5.8	1.1
15	15.0	21.5	17.8	86.0	1.1	.7	1.8	2.2
16	15.1	25.0	19.4	79.7	0.0	0.0	0.0	6.0
17	16.9	23.5	19.2	86.0	.6	0.0	.6	1.1
18	17.4	24.8	19.9	83.7	10.9	1.5	12.4	4.4
19	16.9	25.2	20.0	81.3	3.3	13.4	16.7	5.9
20	16.6	23.5	19.6	84.3	.8	1.8	2.6	1.7
21	17.1	26.8	21.5	75.3	0.0	0.0	0.0	9.7
22	18.0	27.0	22.1	77.0	0.0	0.0	0.0	9.7
23	18.4	25.7	21.1	80.0	.1	.5	.6	5.1
24	17.5	25.0	20.8	78.3	0.0	35.6	35.6	1.4
25	17.0	23.0	19.2	85.3	.9	0.0	.9	1.0
26	17.0	21.5	19.0	87.3	0.0	0.0	0.0	.2
27	16.7	25.0	19.5	83.0	0.0	0.0	0.0	3.4
28	16.8	27.5	22.0	70.0	0.0	0.0	0.0	10.5
29	17.0	26.5	21.0	77.7	0.0	0.0	0.0	7.6
30	16.0	25.4	20.3	83.0	6.2	1.5	7.7	6.0
31								
Total :					112.4	128.9	241.3	108.0
Promedio :	17.0	24.4	19.9	83.2				

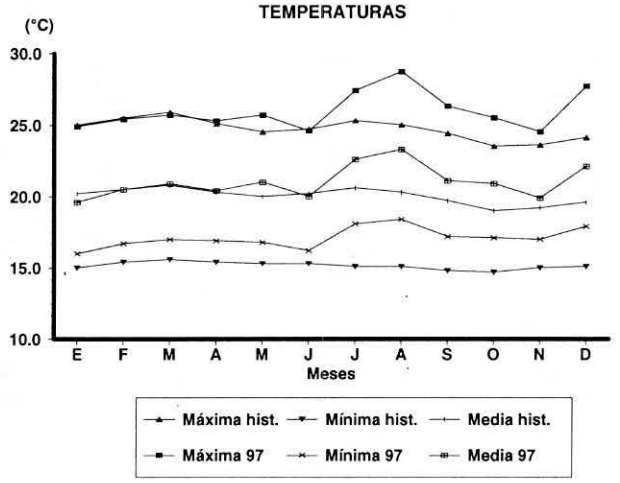
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.0	20.8	73.7	.5	0.0	.5	5.6
2	17.4	24.2	20.0	84.0	10.8	0.0	10.8	4.0
3	17.5	26.2	21.8	71.7	0.0	0.0	0.0	8.3
4	17.0	28.6	22.0	68.3	0.0	0.0	0.0	10.8
5	17.8	27.5	22.8	70.0	0.0	0.0	0.0	9.6
6	18.6	28.0	23.2	70.0	0.0	0.0	0.0	9.2
7	18.5	28.5	23.4	61.0	0.0	0.0	0.0	10.0
8	18.1	29.0	23.1	65.0	0.0	0.0	0.0	10.8
9	17.8	28.7	22.6	67.7	0.0	0.0	0.0	10.0
10	18.6	26.5	22.4	72.3	.2	0.0	.2	8.5
11	18.0	27.5	22.8	74.0	0.0	0.0	0.0	9.8
12	18.5	27.6	22.2	75.0	0.0	0.0	0.0	9.4
13	18.1	28.0	21.6	73.7	0.0	0.0	0.0	9.5
14	18.0	27.8	21.2	75.7	0.0	0.0	0.0	9.2
15	17.0	25.5	20.6	77.7	0.0	0.0	0.0	3.0
16	17.2	26.8	21.2	73.3	0.0	0.0	0.0	7.2
17	17.8	28.8	22.3	76.0	3.1	0.0	3.1	10.4
18	17.5	27.0	20.8	78.3	0.0	0.0	0.0	6.1
19	17.0	27.6	22.0	72.3	0.0	0.0	0.0	9.5
20	17.2	27.4	22.1	73.0	0.0	0.0	0.0	9.2
21	18.5	27.2	22.0	72.3	0.0	0.0	0.0	8.9
22	18.0	27.5	23.2	65.3	0.0	0.0	0.0	7.5
23	18.5	29.2	23.5	59.0	0.0	0.0	0.0	9.7
24	18.5	29.8	23.7	60.3	0.0	0.0	0.0	4.8
25	18.5	29.0	23.0	63.7	0.0	0.0	0.0	8.7
26	18.0	28.5	23.4	62.0	0.0	0.0	0.0	9.3
27	17.6	29.0	22.6	69.3	0.0	0.0	0.0	10.7
28	18.2	28.5	22.3	73.7	0.0	0.0	0.0	7.1
29	18.6	29.5	22.0	73.3	0.0	7.6	7.6	7.7
30	17.2	25.6	19.9	79.7	9.8	0.0	9.8	7.3
31	18.2	27.3	22.1	70.7	1.5	0.0	1.5	8.1
Total :					25.9	7.6	33.5	259.9
Promedio :	17.9	27.7	22.1	71.0				

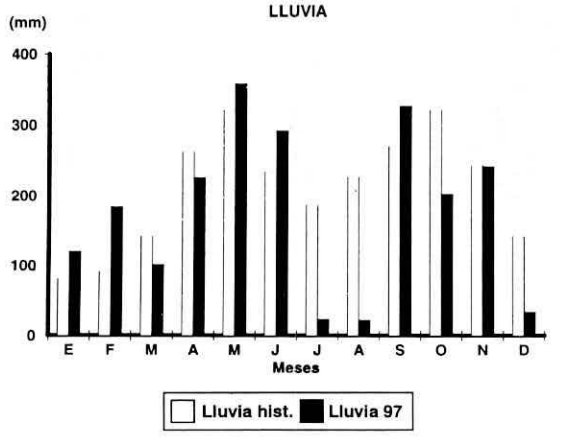
Estación : EL ROSARIO
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : VENECIA

Latitud : 5 ° 58 'N
Longitud : 75 ° 43 'W
Altitud : 1600 **m**

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.0	24.9	19.6	26.8	13.8	75.4	119.6	18	180.8
Febrero	16.7	25.4	20.5	28.0	14.5	76.1	183.9	20	135.5
Marzo	17.0	25.7	20.9	28.8	15.7	73.5	101.1	17	159.8
Abril	16.9	25.3	20.4	28.5	15.6	79.4	225.9	21	115.2
Mayo	16.8	25.7	21.0	28.2	15.0	80.2	357.9	18	156.1
Junio	16.2	24.6	20.0	27.9	14.4	83.1	292.0	23	141.1
Julio	18.1	27.4	22.6	31.0	16.5	65.0	23.4	5	239.3
Agosto	18.4	28.7	23.3	31.2	15.5	59.6	22.1	6	222.2
Septiembre	17.2	26.3	21.1	29.0	14.7	74.0	326.6	20	146.9
Octubre	17.1	25.5	20.9	28.8	16.0	77.1	201.6	22	169.9
Noviembre	17.0	24.5	19.9	28.0	15.0	83.2	241.3	20	108.0
Diciembre	17.9	27.7	22.1	29.8	17.0	71.0	33.5	7	259.9
Promedio :	17.1	26.0	21.0			74.8			
Absoluta :				31.2	13.8				
Total :							2128.9	197	2034.7





Estación : EL TRAPICHE
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

Latitud : 5 ° 48 ' N
Longitud : 76 ° 1 ' W
Altitud : 1320 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.4	19.6	85.3	13.1	2.7	15.8	1.2
2	16.4	26.6	20.0	91.3	0.0	23.9	23.9	5.3
3	17.2	27.4	20.3	83.7	.7	0.0	.7	3.4
4	17.4	29.6	21.4	81.0	0.0	0.0	0.0	8.6
5	17.0	29.0	20.7	80.3	0.0	0.0	0.0	6.6
6	17.4	27.6	20.9	81.7	.2	3.9	4.1	1.6
7	17.2	24.0	19.6	86.3	.7	0.0	.7	0.0
8	16.0	29.4	20.9	78.0	0.0	0.0	0.0	8.7
9	17.0	27.0	21.2	82.3	0.0	28.4	28.4	3.1
10	16.6	25.4	19.7	85.3	2.4	1.6	4.0	1.5
11	16.8	27.9	20.7	84.0	.2	8.2	8.4	5.5
12	17.0	29.4	20.7	80.7	0.0	.6	.6	4.8
13	16.8	30.7	21.0	75.0	0.0	0.0	0.0	9.3
14	16.5	30.0	20.8	76.0	0.0	0.0	0.0	9.0
15	17.5	29.8	21.0	79.0	0.0	0.0	0.0	6.4
16	17.0	28.6	22.0	80.0	0.0	38.2	38.2	6.6
17	17.2	27.0	20.4	82.0	.2	0.0	.2	3.1
18	17.8	29.6	21.8	79.7	.3	.1	.4	7.0
19	14.4	29.4	20.4	70.3	0.0	0.0	0.0	9.2
20	16.2	26.4	20.4	80.3	.7	.3	1.0	1.8
21	16.5	29.4	20.5	80.3	0.0	2.7	2.7	4.1
22	14.4	29.0	20.6	77.3	0.0	2.1	2.1	5.7
23	16.6	28.9	21.2	80.3	2.8	5.0	7.8	4.7
24	14.0	28.1	19.7	82.3	0.0	1.0	1.0	5.1
25	17.6	25.5	19.9	93.3	1.7	3.3	5.0	.5
26	17.4	29.1	21.3	80.0	1.8	0.0	1.8	7.5
27	17.0	29.4	21.5	79.0	0.0	12.9	12.9	5.9
28	17.0	29.6	21.0	76.0	0.0	0.0	0.0	7.3
29	17.5	29.9	21.9	74.3	0.0	0.0	0.0	7.3
30	18.0	30.6	21.7	77.0	0.0	0.0	0.0	6.9
31	16.6	29.0	22.0	76.0	0.0	4.8	4.8	8.3
Total :					24.8	139.7	164.5	166.0
Promedio :	16.8	28.3	20.8	80.6				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(b)
1	17.4	29.0	20.9	81.7	0.0	0.0	0.0	5.4
2	17.2	29.5	21.0	78.7	0.0	7.9	7.9	4.9
3	17.6	28.6	21.3	77.3	0.0	0.0	0.0	5.3
4	15.4	27.4	20.6	77.3	3.2	1.0	4.2	2.6
5	15.0	27.6	20.4	78.0	0.0	18.0	18.0	6.8
6	16.4	27.9	20.9	81.0	0.0	.9	.9	8.0
7	16.2	28.6	21.3	79.0	0.0	.2	.2	7.8
8	17.4	28.6	21.2	80.0	0.0	2.0	2.0	3.8
9	17.2	29.6	21.5	79.3	0.0	2.1	2.1	4.4
10	17.0	28.6	21.5	78.7	0.0	19.7	19.7	7.1
11	17.0	27.0	20.6	87.0	0.0	31.9	31.9	2.4
12	16.6	29.4	21.0	81.7	0.0	23.8	23.8	4.6
13	16.0	30.5	21.8	81.7	0.0	0.0	0.0	8.6
14	17.2	30.4	22.8	77.7	0.0	4.0	4.0	7.1
15	19.0	29.4	22.9	82.3	0.0	2.4	2.4	4.9
16	18.0	27.6	21.6	83.3	0.0	2.0	2.0	3.4
17	17.4	27.6	21.2	83.3	0.0	0.0	0.0	4.7
18	15.6	31.0	21.3	80.0	0.0	1.2	1.2	8.7
19	18.0	30.5	22.6	77.7	0.0	22.4	22.4	9.3
20	17.4	29.0	21.6	83.0	1.0	21.7	22.7	5.6
21	18.4	30.2	22.3	81.7	0.0	1.5	1.5	6.2
22	18.4	31.4	22.4	85.7	0.0	3.7	3.7	5.6
23	18.2	28.6	21.4	89.3	0.0	2.1	2.1	.3
24	18.6	27.4	22.2	85.7	0.0	17.8	17.8	2.9
25	18.2	26.6	21.6	88.0	0.0	.8	.8	.4
26	18.2	30.5	22.9	78.7	0.0	0.0	0.0	6.3
27	17.2	32.0	23.4	78.7	0.0	0.0	0.0	8.5
28	18.6	32.0	23.2	78.7	0.0	0.0	0.0	8.5
29								
30								
31								
Total :					4.2	187.1	191.3	154.1
Promedio :	17.3	29.2	21.7	81.3				

Estación : EL TRAPICHE
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

Latitud : 5 ° 48 ' N
Longitud : 76 ° 1 ' W
Altitud : 1320 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.0	27.6	23.0	83.0	0.0	7.4	7.4	0.0
2	18.2	30.8	22.6	79.3	1.6	2.4	4.0	5.0
3	17.6	31.0	22.4	79.0	0.0	0.0	0.0	6.5
4	19.0	30.5	22.7	76.7	0.0	18.6	18.6	8.0
5	18.4	27.0	21.4	86.0	0.0	0.0	0.0	1.3
6	16.6	31.5	22.2	76.3	0.0	0.0	0.0	8.1
7	15.4	31.0	22.5	70.7	0.0	0.0	0.0	8.1
8	15.6	32.0	22.8	70.0	0.0	0.0	0.0	8.8
9	16.2	31.0	23.6	73.7	0.0	3.3	3.3	7.3
10	19.2	30.5	23.6	78.3	.9	39.4	40.3	5.9
11	18.4	29.5	23.0	84.7	2.2	9.7	11.9	5.7
12	17.0	29.4	22.9	77.3	0.0	20.4	20.4	5.8
13	18.0	20.4	19.0	98.0	3.2	0.0	3.2	0.0
14	15.2	31.5	22.5	80.3	0.0	.7	.7	9.2
15	16.6	31.5	23.2	78.0	1.2	3.7	4.9	9.3
16	19.4	28.0	21.5	87.7	41.1	12.4	53.5	1.8
17	18.4	22.3	19.1	97.0	5.0	0.0	5.0	0.0
18	18.0	24.5	20.9	89.7	3.4	0.0	3.4	.8
19	17.0	27.0	20.9	87.7	0.0	0.0	0.0	2.2
20	16.0	26.4	20.8	84.7	0.0	0.0	0.0	1.8
21	16.8	27.5	21.4	80.3	0.0	0.0	0.0	3.6
22	16.4	29.0	22.0	74.7	0.0	0.0	0.0	8.2
23	16.2	29.5	21.7	75.3	0.0	.7	.7	8.1
24	16.2	29.8	21.7	73.3	0.0	0.0	0.0	8.6
25	17.2	29.0	21.8	75.0	0.0	0.0	0.0	8.6
26	15.4	29.0	21.0	77.0	0.0	0.0	0.0	6.4
27	16.2	29.0	22.0	74.3	0.0	0.0	0.0	7.4
28	17.0	28.6	21.7	80.3	.3	0.0	.3	6.4
29	18.0	29.5	22.2	69.7	0.0	0.0	0.0	3.9
30	18.0	29.0	22.5	76.3	0.0	13.0	13.0	5.5
31	15.0	27.4	20.9	85.7	0.0	36.0	36.0	5.1
Total :					58.9	167.7	226.6	167.4
Promedio :	17.2	28.7	21.9	80.0				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	28.0	21.0	83.7	8.1	8.3	16.4	5.2
2	17.0	32.0	22.4	75.3	0.0	.1	.1	9.3
3	18.0	30.7	23.6	76.0	0.0	26.6	26.6	8.4
4	17.6	27.9	22.4	77.3	0.0	2.4	2.4	4.7
5	17.2	31.0	23.2	75.0	0.0	3.3	3.3	7.0
6	18.6	31.5	24.0	72.0	0.0	9.3	9.3	8.7
7	15.4	29.4	21.9	79.3	0.0	0.0	0.0	6.7
8	19.4	28.4	22.5	80.0	0.0	3.8	3.8	2.2
9	18.2	29.0	22.5	76.7	.7	0.0	.7	5.7
10	17.2	30.6	22.6	75.7	0.0	7.9	7.9	6.9
11	19.2	27.0	21.8	81.7	0.0	0.0	0.0	1.1
12	18.4	32.4	24.3	71.3	0.0	21.1	21.1	9.2
13	18.2	30.7	22.9	79.0	0.0	.8	.8	4.5
14	18.6	28.6	22.2	78.0	0.0	0.0	0.0	5.4
15	18.6	30.4	23.2	72.7	0.0	0.0	0.0	7.4
16	17.6	30.6	22.7	73.7	0.0	.9	.9	7.0
17	18.0	28.9	21.6	82.0	0.0	4.1	4.1	4.7
18	18.4	25.2	21.0	85.7	3.3	0.0	3.3	.2
19	18.0	28.6	22.0	79.3	.5	26.3	26.8	5.1
20	17.6	26.4	21.2	82.0	.9	5.7	6.6	4.2
21	17.2	28.4	21.2	82.0	.2	35.9	36.1	3.4
22	17.5	24.7	20.2	86.3	7.1	.4	7.5	1.0
23	17.6	28.4	21.0	79.3	.2	1.1	1.3	4.9
24	16.6	28.7	21.9	78.3	0.0	3.7	3.7	4.5
25	18.0	28.4	21.9	79.3	0.0	0.0	0.0	5.4
26	17.4	29.0	21.0	80.3	0.0	24.6	24.6	4.2
27	18.2	27.9	21.2	83.0	2.2	33.6	35.8	5.3
28	15.4	27.6	21.0	75.3	0.0	0.0	0.0	7.1
29	15.6	31.7	23.0	66.3	0.0	0.0	0.0	10.2
30	17.0	28.4	22.1	71.7	0.0	0.0	0.0	2.3
31								
Total :					23.2	219.9	243.1	161.9
Promedio :	17.6	29.0	22.1	77.9				

Estación : EL TRAPICHE **Dpto. : ANTIOQUIA** **Latitud : 5 ° 48 ' N**
Año : 1997 **Mpio. : BOLIVAR** **Longitud : 76 ° 1 ' W**
Altitud : 1320 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	30.4	22.8	71.3	0.0	0.0	0.0	7.1
2	18.4	32.0	23.4	70.3	0.0	0.0	0.0	6.6
3	16.6	31.7	23.1	75.3	0.0	.2	.2	5.8
4	19.2	29.0	23.0	76.7	.1	0.0	.1	2.1
5	16.6	31.8	22.6	72.7	0.0	1.1	1.1	6.9
6	17.6	30.6	23.3	74.7	0.0	22.9	22.9	3.2
7	18.0	29.0	21.9	81.3	0.0	0.0	0.0	1.6
8	17.2	32.0	23.7	76.0	0.0	0.0	0.0	8.8
9	16.6	27.5	22.5	79.7	0.0	44.4	44.4	2.8
10	17.2	28.4	21.5	76.7	0.0	5.1	5.1	5.6
11	17.6	27.5	20.8	79.0	1.1	0.0	1.1	5.5
12	16.0	29.6	22.5	76.7	0.0	0.0	0.0	6.8
13	18.6	28.6	22.2	78.7	0.0	0.0	0.0	5.8
14	18.0	28.2	21.0	81.3	0.0	0.0	0.0	4.8
15	17.4	29.0	21.0	78.7	0.0	0.0	0.0	4.3
16	17.0	30.6	22.9	75.7	0.0	0.0	0.0	6.9
17	18.5	31.0	23.6	71.0	0.0	0.0	0.0	8.5
18	18.0	32.5	23.8	68.7	0.0	0.0	0.0	9.6
19	18.2	31.0	23.8	70.3	0.0	0.0	0.0	4.8
20	17.4	31.4	23.8	71.3	0.0	0.0	0.0	7.0
21	17.4	32.2	24.2	68.3	0.0	56.2	56.2	7.3
22	16.5	27.5	21.2	81.0	.1	1.0	1.1	4.6
23	16.6	32.8	23.9	65.7	0.0	0.0	0.0	9.7
24	18.0	30.4	23.8	76.7	0.0	.8	.8	3.4
25	17.4	27.6	21.2	82.3	2.0	0.0	2.0	1.4
26	17.6	26.2	21.4	82.3	0.0	6.1	6.1	1.3
27	17.5	29.0	22.0	78.0	0.0	4.9	4.9	2.8
28	18.8	28.4	22.1	80.3	.3	6.9	7.2	5.0
29	17.4	29.5	23.0	79.0	0.0	21.7	21.7	4.3
30	17.0	28.6	21.3	80.0	7.6	8.4	16.0	2.8
31	16.6	29.4	21.8	78.7	.2	5.1	5.3	7.0
Total :					11.4	184.8	196.2	164.1
Promedio :	17.5	29.8	22.6	76.1				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	27.9	22.0	79.3	0.0	0.0	0.0	2.8
2	17.6	29.9	23.2	75.3	0.0	0.0	0.0	5.2
3	18.2	30.0	23.2	77.7	0.0	27.2	27.2	5.2
4	16.6	20.2	18.5	93.3	4.2	.6	4.8	0.0
5	17.2	27.2	21.8	79.0	0.0	27.0	27.0	5.7
6	18.2	28.4	21.0	80.7	2.8	9.0	11.8	3.2
7	17.4	22.6	19.2	90.7	0.0	9.7	9.7	0.0
8	17.2	27.6	21.0	78.3	0.0	1.1	1.1	6.5
9	17.0	28.4	21.2	76.3	1.5	0.0	1.5	4.7
10	17.4	27.0	21.5	80.3	2.6	1.1	3.7	5.1
11	18.0	30.8	22.0	76.3	0.0	28.4	28.4	7.8
12	16.2	25.4	19.6	79.7	.2	0.0	.2	4.1
13	16.6	27.0	21.6	81.7	0.0	4.6	4.6	1.8
14	17.0	30.2	21.5	76.3	0.0	0.0	0.0	6.1
15	17.5	30.5	23.2	70.3	0.0	4.5	4.5	7.1
16	18.0	30.6	22.6	73.3	0.0	0.0	0.0	6.2
17	16.4	28.6	22.0	78.7	0.0	16.8	16.8	3.7
18	17.2	26.0	21.2	84.7	0.0	33.1	33.1	1.7
19	16.1	26.0	20.5	83.7	0.0	0.0	0.0	.8
20	16.0	29.0	22.4	72.7	0.0	.8	.8	9.7
21	17.6	30.7	21.9	75.0	0.0	4.3	4.3	6.5
22	17.4	32.0	22.2	72.0	0.0	0.0	0.0	9.6
23	17.0	31.2	23.0	75.0	0.0	23.8	23.8	9.2
24	17.6	28.6	21.9	81.0	0.0	24.2	24.2	2.0
25	16.4	27.0	20.0	84.3	12.9	10.8	23.7	5.3
26	16.2	27.0	20.5	81.7	1.8	1.5	3.3	3.9
27	17.0	26.4	21.2	80.7	0.0	0.0	0.0	3.9
28	15.8	31.3	22.8	73.3	0.0	3.1	3.1	9.9
29	16.1	31.1	21.9	74.3	0.0	0.0	0.0	8.8
30	18.0	29.0	22.0	76.7	0.0	0.0	0.0	6.2
31								
Total :					26.0	231.6	257.6	152.7
Promedio :	17.1	28.3	21.6	78.7				

Estación : EL TRAPICHE
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

Latitud : 5 ° 48 ' N
Longitud : 76 ° 1 ' W
Altitud : 1320 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	28.6	21.4	74.0	0.0	0.0	0.0	5.8
2	15.2	31.2	22.2	62.3	0.0	0.0	0.0	9.9
3	16.6	29.8	23.0	69.0	0.0	0.0	0.0	5.1
4	16.4	31.0	22.6	67.3	0.0	0.0	0.0	9.4
5	16.0	30.0	23.4	64.3	0.0	0.0	0.0	6.5
6	16.4	31.3	23.2	65.0	0.0	0.0	0.0	7.4
7	17.0	31.9	23.8	69.0	0.0	0.0	0.0	7.8
8	17.2	32.0	23.0	69.3	0.0	2.3	2.3	7.7
9	17.0	27.4	21.5	78.3	0.0	.2	.2	6.4
10	18.2	29.4	22.5	71.0	0.0	0.0	0.0	7.1
11	16.7	30.0	23.2	69.3	0.0	0.0	0.0	7.0
12	17.0	31.0	24.1	65.0	0.0	0.0	0.0	7.8
13	16.0	32.4	23.4	60.0	0.0	0.0	0.0	9.3
14	15.4	29.9	23.3	67.3	0.0	0.0	0.0	6.3
15	16.2	30.4	23.8	65.7	0.0	4.5	4.5	4.0
16	18.0	29.4	21.6	76.3	0.0	4.1	4.1	6.7
17	17.0	31.4	23.2	62.0	0.0	3.0	3.0	9.6
18	16.6	30.6	23.0	66.0	0.0	.2	.2	5.6
19	17.2	30.4	23.7	56.0	0.0	0.0	0.0	7.6
20	15.2	32.0	24.1	55.7	0.0	0.0	0.0	9.9
21	14.4	30.4	23.3	67.0	0.0	0.0	0.0	7.1
22	17.0	28.4	22.2	69.7	0.0	0.0	0.0	.7
23	15.0	32.0	24.6	55.7	0.0	0.0	0.0	7.4
24	15.4	32.6	25.0	59.0	0.0	0.0	0.0	8.2
25	16.6	29.8	21.8	71.3	0.0	0.0	0.0	2.0
26	15.0	31.4	24.1	61.3	0.0	0.0	0.0	6.6
27	16.0	27.2	21.7	77.3	0.0	0.0	0.0	.4
28	16.0	27.6	20.8	79.3	0.0	0.0	0.0	.5
29	17.0	31.0	21.8	73.0	14.4	12.0	26.4	7.0
30	17.2	29.6	21.8	78.3	0.0	12.4	12.4	5.0
31	18.0	31.4	22.3	75.0	2.0	44.9	46.9	7.4
Total :					16.4	83.6	100.0	199.2
Promedio :	16.5	30.4	22.9	67.7				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	32.0	22.0	70.3	0.0	0.0	0.0	8.9
2	17.0	31.8	22.1	72.3	0.0	0.0	0.0	5.6
3	17.2	32.5	24.0	62.7	0.0	0.0	0.0	8.2
4	16.0	32.4	23.5	62.0	0.0	0.0	0.0	9.6
5	15.0	31.0	23.5	65.0	0.0	0.0	0.0	7.3
6	17.4	31.6	24.0	62.0	0.0	0.0	0.0	7.2
7	18.0	29.6	22.9	62.3	0.0	0.0	0.0	.8
8	15.2	30.6	22.9	66.7	0.0	0.0	0.0	7.4
9	16.5	28.2	20.6	75.7	4.2	0.0	4.2	1.6
10	15.4	29.4	22.3	67.0	0.0	0.0	0.0	6.7
11	17.4	31.4	22.9	71.7	0.0	1.8	1.8	7.0
12	17.6	32.0	23.4	69.7	0.0	0.0	0.0	8.2
13	18.4	29.2	22.2	72.7	3.0	11.5	14.5	2.8
14	16.2	31.0	21.5	71.7	.8	0.0	.8	5.9
15	16.2	32.6	23.8	65.3	0.0	0.0	0.0	8.4
16	16.2	32.5	24.0	71.7	0.0	0.0	0.0	8.9
17	18.0	30.4	22.3	68.3	0.0	0.0	0.0	6.5
18	16.2	32.0	22.0	68.7	0.0	0.0	0.0	6.8
19	17.2	29.0	21.9	77.0	3.7	0.0	3.7	4.0
20	16.6	30.4	22.4	61.0	0.0	0.0	0.0	8.5
21	15.0	32.7	23.2	62.0	0.0	0.0	0.0	10.3
22	17.6	31.4	23.2	71.3	0.0	0.0	0.0	6.8
23	17.0	31.4	23.0	68.7	0.0	0.0	0.0	8.2
24	18.0	32.6	24.2	67.7	0.0	0.0	0.0	7.2
25	17.0	33.0	24.3	67.7	0.0	0.0	0.0	10.1
26	18.6	32.0	23.8	73.0	0.0	0.0	0.0	3.2
27	18.0	29.0	23.0	69.3	0.0	0.0	0.0	.1
28	15.2	32.0	22.8	64.3	0.0	0.0	0.0	8.1
29	14.4	32.5	22.8	60.3	0.0	0.0	0.0	9.9
30	15.2	31.0	22.6	69.0	0.0	0.0	0.0	6.6
31	16.2	31.4	23.0	68.0	0.0	0.0	0.0	7.5
Total :					11.7	13.3	25.0	208.3
Promedio :	16.6	31.2	22.9	67.9				

Estación : EL TRAPICHE
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

Latitud : 5 ° 48 ' N
Longitud : 76 ° 1 ' W
Altitud : 1320 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	29.0	22.3	74.7	0.0	7.5	7.5	1.4
2	16.6	29.6	21.6	77.7	16.4	25.7	42.1	4.5
3	15.4	29.0	22.2	72.0	0.0	0.0	0.0	5.4
4	17.2	32.2	22.7	71.7	0.0	4.5	4.5	9.9
5	18.0	30.6	22.8	74.0	0.0	21.9	21.9	7.2
6	16.2	29.6	21.8	74.3	0.0	.1	.1	7.8
7	18.0	28.0	21.4	79.3	1.4	4.2	5.6	2.8
8	17.5	26.4	21.1	87.0	.3	11.9	12.2	2.5
9	18.0	29.4	21.8	74.3	0.0	0.0	0.0	3.4
10	17.5	31.2	22.9	71.3	0.0	0.0	0.0	7.6
11	18.6	30.4	24.4	67.3	0.0	0.0	0.0	3.8
12	17.6	31.4	23.1	73.3	0.0	0.0	0.0	7.0
13	18.0	31.0	22.7	73.0	0.0	0.0	0.0	5.2
14	17.0	30.2	22.8	72.0	0.0	0.0	0.0	4.3
15	15.6	31.4	22.9	77.3	0.0	0.0	0.0	8.4
16	19.2	32.0	22.6	79.0	.4	0.0	.4	1.3
17	17.0	30.4	22.6	76.7	0.0	0.0	0.0	3.6
18	17.4	30.9	23.5	76.3	0.0	0.0	0.0	5.5
19	18.7	31.4	23.3	78.0	0.0	2.0	2.0	4.6
20	18.0	28.6	22.2	85.3	0.0	128.9	128.9	2.3
21	17.0	29.0	21.2	82.7	2.8	13.8	16.6	4.7
22	17.4	25.0	20.3	89.7	0.0	0.0	0.0	.7
23	18.0	26.0	20.5	85.0	5.2	28.5	33.7	.5
24	17.0	24.6	20.0	91.7	1.1	.6	1.7	1.7
25	17.6	30.4	21.4	81.0	.4	16.8	17.2	5.0
26	16.6	28.8	21.4	80.3	1.0	0.0	1.0	3.2
27	17.5	29.6	21.8	79.3	0.0	0.0	0.0	4.6
28	17.0	28.0	21.6	80.7	0.0	0.0	0.0	2.7
29	17.0	29.2	21.5	81.3	.1	0.0	.1	6.4
30	16.2	32.0	22.9	77.3	0.0	0.0	0.0	8.7
31								
Total					29.1	266.4	295.5	136.7
Promedio	17.4	29.5	22.1	78.1				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	30.5	22.4	81.0	0.0	.5	.5	5.6
2	17.3	29.0	22.4	78.0	0.0	32.4	32.4	4.2
3	17.4	25.0	20.2	87.3	0.0	3.2	3.2	.4
4	16.4	29.2	22.3	77.7	0.0	10.8	10.8	5.8
5	18.0	27.4	20.6	79.7	0.0	0.0	0.0	3.1
6	15.6	28.4	20.9	79.0	0.0	0.0	0.0	5.6
7	16.2	31.2	23.3	70.3	0.0	0.0	0.0	8.1
8	17.2	29.2	22.5	80.0	0.0	1.1	1.1	2.0
9	17.4	29.4	22.4	78.3	0.0	21.1	21.1	6.3
10	17.0	26.0	20.5	89.3	.9	18.9	19.8	3.8
11	16.1	27.2	20.8	80.3	0.0	4.8	4.8	3.9
12	17.4	26.2	21.6	85.3	3.6	1.1	4.7	4.0
13	16.5	26.0	20.2	87.0	1.6	8.4	10.0	2.0
14	17.0	27.6	20.8	79.0	0.0	.5	.5	5.5
15	16.0	27.2	21.0	77.3	0.0	0.0	0.0	5.9
16	15.4	29.2	22.3	74.3	0.0	4.6	4.6	7.6
17	16.2	26.4	20.2	81.0	0.0	0.0	0.0	3.4
18	16.5	28.8	21.8	79.3	0.0	1.8	1.8	6.9
19	18.2	29.0	21.6	76.3	0.0	0.0	0.0	5.0
20	16.4	29.4	23.0	77.7	0.0	11.2	11.2	8.2
21	16.0	28.6	21.6	79.0	0.0	20.2	20.2	7.2
22	16.5	27.2	21.4	80.3	0.0	0.0	0.0	4.9
23	17.0	31.0	22.3	70.0	0.0	0.0	0.0	9.9
24	17.0	32.0	24.0	69.3	0.0	0.0	0.0	9.0
25	16.8	31.0	23.0	70.7	0.0	27.5	27.5	9.3
26	18.0	31.6	22.5	76.0	0.0	1	.1	8.6
27	18.0	31.0	22.7	76.0	0.0	0.0	0.0	8.1
28	19.0	28.0	22.6	80.0	0.0	.4	.4	2.3
29	18.2	29.4	22.8	77.3	0.0	9.5	9.5	8.8
30	18.0	30.6	22.6	72.0	0.0	0.0	0.0	9.4
31	18.2	29.0	23.2	76.7	0.0	3.8	3.8	3.4
Total					6.1	181.9	188.0	178.0
Promedio	17.0	28.8	21.9	78.2				

Estación : EL TRAPICHE **Dpto. : ANTIOQUIA** **Latitud : 5 ° 48 ' N**
Año : 1997 **Mpio. : BOLIVAR** **Longitud : 76 ° 1 ' W**
Altitud : 1320 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	28.0	21.5	87.3	0.0	0.0	0.0	6.9
2	18.6	30.2	23.5	76.3	0.0	0.0	0.0	2.3
3	19.4	27.4	22.2	83.7	0.0	2.4	2.4	2.5
4	18.4	28.2	22.0	83.0	.3	1.2	1.5	3.5
5	18.0	28.0	22.8	77.7	0.0	3.5	3.5	2.4
6	18.4	27.4	21.2	87.0	4.5	4.6	9.1	3.0
7	17.2	27.0	21.7	83.0	.5	15.5	16.0	3.9
8	18.0	23.2	19.7	94.0	11.7	6.1	17.8	0.0
9	17.0	25.6	20.0	86.7	10.3	1.6	11.9	1.1
10	16.5	25.6	20.0	86.3	.1	0.0	.1	2.0
11	18.2	28.4	21.5	83.7	0.0	0.0	0.0	6.8
12	17.0	29.6	21.4	79.3	0.0	0.0	0.0	7.4
13	16.2	28.2	21.1	80.0	.1	0.0	.1	7.3
14	15.4	26.0	19.2	92.7	4.6	.6	5.2	3.7
15	16.0	25.4	19.0	87.7	.3	0.0	.3	2.5
16	15.6	27.2	20.8	79.7	0.0	7.2	7.2	6.3
17	17.4	26.4	21.0	85.7	0.0	0.0	0.0	1.2
18	17.2	29.2	21.3	82.3	0.0	0.0	0.0	5.4
19	17.6	29.0	22.0	80.0	0.0	2.1	2.1	5.7
20	17.4	27.4	21.4	81.7	0.0	6.0	6.0	4.4
21	18.4	30.6	22.0	77.0	0.0	5.0	5.0	5.9
22	17.4	31.4	23.0	75.7	0.0	2.0	2.0	8.4
23	18.6	29.0	23.2	80.0	0.0	13.5	13.5	4.4
24	17.4	28.0	21.4	81.0	0.0	0.0	0.0	5.4
25	16.8	27.6	20.8	80.3	0.0	0.0	0.0	5.1
26	17.0	26.0	20.4	83.0	0.0	0.0	0.0	2.5
27	16.8	27.0	21.0	83.0	0.0	0.0	0.0	5.1
28	16.4	32.0	22.2	72.3	0.0	0.0	0.0	9.3
29	17.4	28.4	22.0	76.0	1.1	0.0	1.1	6.1
30	16.9	29.2	21.5	85.3	0.0	0.0	0.0	4.2
31								
Total :					33.5	71.3	104.8	134.7
Promedio :	17.3	27.9	21.4	82.4				

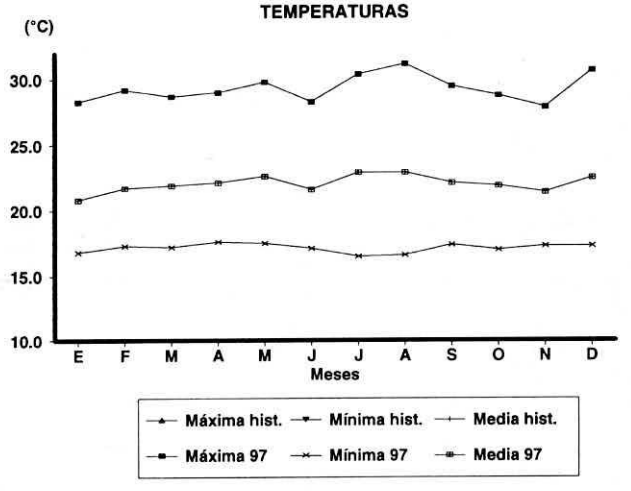
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	29.2	22.2	78.3	0.0	29.0	29.0	4.0
2	17.2	29.6	21.5	81.3	.1	5.4	5.5	6.0
3	17.5	30.4	21.8	75.7	0.0	0.0	0.0	6.8
4	15.6	32.0	21.9	68.3	0.0	0.0	0.0	8.8
5	16.4	31.0	23.3	67.3	0.0	0.0	0.0	7.9
6	16.8	31.5	23.5	71.0	0.0	0.0	0.0	7.6
7	17.0	29.6	22.7	73.7	0.0	0.0	0.0	6.8
8	15.0	31.4	22.0	67.3	0.0	0.0	0.0	8.4
9	15.2	31.0	22.8	71.3	0.0	0.0	0.0	8.9
10	17.2	30.8	22.8	74.3	0.0	0.0	0.0	8.9
11	18.6	31.6	22.3	77.7	0.0	0.0	0.0	7.5
12	20.0	30.4	23.0	74.3	0.0	0.0	0.0	6.3
13	18.6	31.0	22.2	76.0	0.0	0.0	0.0	7.6
14	17.2	31.2	23.1	75.0	0.0	5.4	5.4	7.5
15	18.2	28.4	21.9	78.3	0.0	0.0	0.0	3.3
16	18.5	29.0	22.1	74.7	0.0	0.0	0.0	5.7
17	18.0	30.0	22.4	75.3	0.0	0.0	0.0	9.0
18	17.8	30.4	21.2	77.7	15.6	0.0	15.6	7.4
19	17.0	30.6	21.5	76.7	0.0	0.0	0.0	8.5
20	18.6	29.0	22.0	78.0	0.0	0.0	0.0	7.0
21	19.0	30.0	22.2	77.3	0.0	0.0	0.0	5.7
22	17.2	31.0	23.0	72.7	0.0	0.0	0.0	8.1
23	15.0	32.0	22.6	73.0	0.0	0.0	0.0	8.9
24	16.4	32.5	22.8	68.3	0.0	0.0	0.0	9.0
25	16.6	31.4	22.7	68.3	0.0	0.0	0.0	8.5
26	16.2	32.2	22.5	71.3	0.0	0.0	0.0	8.9
27	16.6	31.0	22.2	73.3	0.0	0.0	0.0	9.1
28	18.4	31.5	22.3	76.0	0.0	0.0	0.0	4.5
29	18.2	31.0	23.0	72.7	0.0	1.8	1.8	6.4
30	17.6	29.4	23.0	72.7	0.0	0.0	0.0	5.6
31	17.2	31.5	23.8	73.7	0.0	0.0	0.0	8.4
Total :					15.7	41.6	57.3	227.0
Promedio :	17.3	30.7	22.5	73.9				

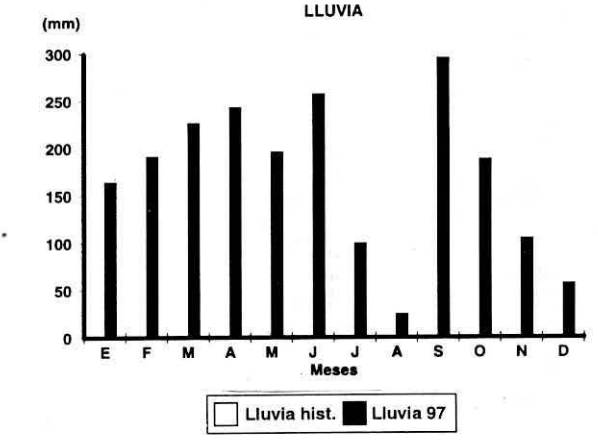
Estación : EL TRAPICHE
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

Latitud : 5 ° 48 'N
Longitud : 76 ° 1 'W
Altitud : 1320 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.8	28.3	20.8	30.7	14.0	80.6	164.5	21	166.0
Febrero	17.3	29.2	21.7	32.0	15.0	81.3	191.3	21	154.1
Marzo	17.2	28.7	21.9	32.0	15.0	80.0	226.6	17	167.4
Abril	17.6	29.0	22.1	32.4	15.4	77.9	243.1	22	161.9
Mayo	17.5	29.8	22.6	32.8	16.0	76.1	196.2	17	164.1
Junio	17.1	28.3	21.6	32.0	15.8	78.7	257.6	21	152.7
Julio	16.5	30.4	22.9	32.6	14.4	67.7	100.0	9	199.2
Agosto	16.6	31.2	22.9	33.0	14.4	67.9	25.0	5	208.3
Septiembre	17.4	29.5	22.1	32.2	15.4	78.1	295.5	16	136.7
Octubre	17.0	28.8	21.9	32.0	15.4	78.2	188.0	20	178.0
Noviembre	17.3	27.9	21.4	32.0	15.4	82.4	104.8	18	134.7
Diciembre	17.3	30.7	22.5	32.5	15.0	73.9	57.3	5	227.0
Promedio :	17.1	29.3	22.0			76.9			
Absoluta :				33.0	14.0				
Total :							2049.9	192	2050.1





Estación : LA CRISTALINA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 43 ' N
Longitud : 75 ° 41 ' W
Altitud : 850 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.5	27.0	21.5	84.0				.2
2	18.7	29.9	23.1	79.3				3.8
3	19.5	30.2	24.4	69.7				4.4
4	19.4	32.0	25.6	66.0				9.6
5	19.0	31.6	25.0	62.7				8.6
6	20.0	31.0	24.0	75.0				4.0
7	20.3	27.3	23.2	80.3				.1
8	18.8	32.0	24.4	65.3				8.6
9	19.2	28.7	23.2	74.0				3.1
10	18.6	27.5	21.9	82.3				1.6
11	18.9	29.6	23.0	79.3				5.3
12	19.4	31.5	24.2	74.3				4.8
13	18.8	32.0	24.8	66.7				8.0
14	18.0	32.2	24.6	67.3				8.8
15	17.3	32.3	24.4	66.3				8.7
16	19.4	30.6	24.3	73.3				5.9
17	20.0	31.1	24.6	71.3				7.0
18	19.2	32.0	24.7	66.3				8.1
19	16.8	31.8	24.0	64.7				9.1
20	18.2	29.6	23.6	69.7				3.7
21	19.8	31.0	23.3	72.7				3.6
22	18.0	32.1	23.6	75.0				7.7
23	18.9	30.8	22.5	76.0				5.2
24	17.0	30.2	23.1	78.0				5.6
25	19.9	28.8	24.0	70.3				2.4
26	19.8	32.2	24.8	71.0				7.1
27	19.6	32.0	25.0	63.3				6.6
28	18.7	33.1	25.0	63.7				9.5
29	19.8	33.2	24.7	68.3				7.5
30	18.9	33.8	25.0	65.0				8.9
31	19.0	32.5	25.2	66.7				8.4
Total								185.9
Promedio :	19.0	31.0	24.0	71.2				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.3	31.7	24.8	67.3				
2	19.4	31.9	24.4	69.0				
3	19.5	32.4	24.6	67.3				
4	17.1	31.0	22.3	80.0				
5	18.0	30.5	23.6	69.7				
6	18.9	32.7	24.8	66.3				
7	18.5	32.4	25.0	69.7				
8	19.2	29.3	23.9	74.0				
9	18.7	32.1	24.9	71.0				
10	18.8	30.2	24.1	70.0				
11	19.8	28.7	23.6	77.7				
12	19.0	30.2	24.6	74.7				
13	18.7	32.2	24.4	75.0				
14	19.1	32.6	26.1	66.3				
15	21.4	33.2	26.0	72.7				
16	20.0	30.8	25.3	71.7				
17	19.8	30.4	24.2	75.7				
18	18.3	32.0	25.4	70.0				
19	19.5	33.8	26.9	63.7				
20	20.3	32.9	25.5	72.7				
21	20.2	32.3	26.0	68.7				
22	19.7	33.6	27.0	70.3				
23	20.7	30.0	25.2	74.3				
24	21.0	31.1	25.2	74.3				
25	20.8	29.2	24.5	73.7				
26	20.0	34.3	26.3	68.0				
27	19.4	35.0	27.6	59.0				
28	20.8	34.8	27.4	58.0				
29								
30								
31								
Total								
Promedio :	19.5	31.8	25.1	70.4				

Estación : LA CRISTALINA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 43 ' N
Longitud : 75 ° 41 ' W
Altitud : 850 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	21.0	30.0	26.1	68.3				
2	21.4	32.7	26.7	63.0				
3	21.6	33.5	26.4	65.3				
4	19.5	34.1	26.2	67.3				
5	20.2	29.2	23.4	73.7				
6	18.5	33.2	26.0	62.3				
7	17.9	34.1	26.7	53.3				
8	18.9	35.0	26.5	62.0				
9	19.3	31.6	25.4	68.7				
10	19.2	34.5	27.3	66.7				
11	20.1	32.0	25.8	73.3				
12	20.0	31.9	26.6	65.0				
13	20.1	22.7	20.8	94.0				
14	19.0	32.8	25.2	63.7				
15	19.0	34.4	27.0	63.7				
16	21.0	28.2	23.8	80.3				
17	20.0	23.6	21.5	88.3				
18	20.1	26.2	22.0	84.3				
19	19.5	29.0	23.3	76.7				
20	18.3	29.5	23.4	72.7				
21	19.5	30.2	23.4	71.3				
22	18.0	32.8	25.4	61.0				
23	19.4	30.6	24.7	66.3				
24	19.5	32.5	25.1	67.3				
25	19.4	32.0	25.7	62.7				
26	18.4	30.7	24.3	72.3				
27	20.5	32.9	26.1	64.3				
28	20.4	32.3	25.6	69.3				
29	19.5	31.4	25.9	63.7				
30	20.1	33.0	26.6	61.7				
31	20.0	32.5	25.3	66.7				
Total :								
Promedio :	19.7	31.3	25.1	69.0				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	31.2	23.7	69.7				4.3
2	18.6	33.0	25.5	66.3				4.5
3	20.2	33.7	26.2	63.7				9.4
4	18.8	30.0	23.4	74.0				3.8
5	19.9	32.5	25.6	66.3				3.6
6	19.8	33.1	25.3	67.0				9.4
7	18.3	31.3	24.9	66.3				8.8
8	19.8	32.0	25.2	68.0				4.7
9	18.5	31.0	24.9	75.7				7.5
10	19.8	32.2	25.4	71.7				7.7
11	20.7	29.5	24.3	81.0				6.1
12	19.9	33.0	27.3	66.0				8.1
13	20.8	33.1	26.3	74.0				6.0
14	20.9	32.7	26.4	68.0				6.8
15	19.7	32.5	25.1	73.0				4.0
16	19.8	33.6	26.8	65.0				7.8
17	20.0	28.3	24.2	73.0				1.9
18	20.4	27.6	23.1	83.3				.1
19	19.5	32.0	22.8	79.3				7.7
20	18.5	29.0	21.8	86.7				1.7
21	19.7	27.8	23.0	85.0				2.0
22	19.0	24.1	21.0	87.3				.9
23	19.1	29.5	23.8	75.0				4.3
24	19.4	30.5	24.0	72.3				5.1
25	19.0	29.7	23.2	76.7				2.4
26	18.4	30.7	24.5	73.3				6.0
27	19.4	30.5	24.6	73.0				3.5
28	18.4	29.8	23.5	79.3				5.8
29	18.2	32.8	25.6	67.0				9.7
30	18.5	29.5	23.8	76.0				.8
31								
Total :								154.4
Promedio :	19.4	30.9	24.5	73.4				

Estación : LA CRISTALINA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 43 ' N
Longitud : 75 ° 41 ' W
Altitud : 850 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	31.8	25.5	72.3	0.0	0.0	0.0	7.0
2	20.0	31.5	25.7	67.7	0.0	0.0	0.0	4.0
3	18.8	32.4	26.0	64.7	0.0	1.0	1.0	7.8
4	20.7	29.0	24.5	75.0	0.0	0.0	0.0	1.2
5	18.7	33.9	26.3	65.3	0.0	28.0	28.0	9.4
6	19.5	31.0	24.7	77.0	0.0	2.0	2.0	3.7
7	20.8	31.7	24.6	75.7	0.0	0.0	0.0	4.8
8	18.7	34.5	27.0	68.7	0.0	0.0	0.0	8.9
9	19.4	30.0	24.6	78.7	0.0	25.0	25.0	2.6
10	18.8	30.2	24.0	77.0	0.0	25.0	25.0	4.8
11	19.0	27.8	21.4	84.0	0.0	0.0	0.0	1.5
12	18.0	31.0	23.6	76.3	0.0	3.0	3.0	6.0
13	20.2	30.7	24.6	74.0	0.0	0.0	0.0	3.7
14	20.0	29.4	24.0	78.0	0.0	0.0	0.0	2.6
15	19.9	29.0	23.5	78.3	0.0	0.0	0.0	4.0
16	19.6	32.9	25.2	73.3	0.0	0.0	0.0	7.3
17	19.5	33.0	25.9	67.7	0.0	0.0	0.0	2.3
18	19.8	33.3	26.8	66.3	0.0	0.0	0.0	10.0
19					0.0	0.0	0.0	6.4
20					0.0	0.0	0.0	6.9
21					0.0	12.6	12.6	8.2
22					.3	0.0	.3	6.4
23					0.0	0.0	0.0	9.1
24					0.0	.5	.5	6.5
25					0.0	7.5	7.5	2.2
26					4.2	5.4	9.6	.5
27					0.0	0.0	0.0	2.3
28					.2	3.1	3.3	4.7
29					0.0	0.0	0.0	6.7
30					0.0	28.3	28.3	3.4
31					.5	2.6	3.1	4.4
Total :					5.2	144.0	149.2	159.3
Promedio :								

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1					0.0	0.0	0.0	5.6
2					0.0	0.0	0.0	7.5
3					0.0	0.0	0.0	6.4
4					18.5	0.0	18.5	0.0
5					0.0	26.7	26.7	5.6
6					.6	1.7	2.3	3.0
7					2.3	20.4	22.7	.1
8					0.0	0.0	0.0	5.9
9					0.0	.2	.2	6.8
10					0.0	4.9	4.9	6.1
11					0.0	50.5	50.5	8.0
12					.6	0.0	.6	4.8
13					0.0	1.8	1.8	3.6
14					0.0	0.0	0.0	5.6
15					0.0	0.0	0.0	7.2
16					0.0	0.0	0.0	4.3
17					0.0	9.5	9.5	5.0
18					0.0	52.3	52.3	3.8
19					0.0	0.0	0.0	.9
20					0.0	0.0	0.0	8.3
21					0.0	0.0	0.0	10.3
22					0.0	0.0	0.0	9.5
23					0.0	0.0	0.0	9.9
24					0.0	1.7	1.7	1.2
25					.8	3.4	4.2	6.0
26					.1	.1	.2	3.5
27					0.0	0.0	0.0	2.3
28					0.0	1.5	1.5	7.5
29					0.0	1.4	1.4	6.5
30					0.0	0.0	0.0	6.2
31								
Total :					22.9	176.1	199.0	161.4
Promedio :								

Estación : LA CRISTALINA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 43 ' N
Longitud : 75 ° 41 ' W
Altitud : 850 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1					.3	0.0	.3	5.7
2					0.0	0.0	0.0	10.3
3					1.5	0.0	1.5	5.4
4					0.0	0.0	0.0	9.2
5					0.0	0.0	0.0	6.9
6					0.0	0.0	0.0	8.1
7					0.0	0.0	0.0	8.3
8					0.0	2.2	2.2	7.8
9					0.0	.1	.1	5.5
10					0.0	0.0	0.0	8.7
11					0.0	0.0	0.0	8.9
12					0.0	0.0	0.0	10.4
13					0.0	0.0	0.0	9.4
14					0.0	0.0	0.0	5.1
15					0.0	0.0	0.0	4.8
16					0.0	0.0	0.0	8.2
17					0.0	.4	.4	9.3
18					0.0	0.0	0.0	9.5
19					0.0	0.0	0.0	9.9
20					0.0	0.0	0.0	9.1
21					0.0	0.0	0.0	9.2
22					0.0	0.0	0.0	2.9
23					0.0	0.0	0.0	10.2
24					0.0	0.0	0.0	10.1
25					0.0	0.0	0.0	2.8
26					0.0	0.0	0.0	8.6
27					0.0	0.0	0.0	.8
28					0.0	0.0	0.0	.7
29					2.1	.2	2.3	9.8
30					.2	.9	1.1	6.2
31					0.0	4.7	4.7	9.3
Total :					4.1	8.5	12.6	231.1
Promedio :								

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.4	35.0	26.6	63.0	0.0	0.0	0.0	9.8
2	19.0	33.8	26.6	62.7	0.0	0.0	0.0	5.0
3	19.8	36.5	28.6	51.0	0.0	0.0	0.0	10.4
4	18.5	36.6	27.6	51.3	0.0	0.0	0.0	10.2
5	19.8	37.2	29.4	49.0	0.0	0.0	0.0	8.2
6	21.2	38.2	29.4	47.7	0.0	0.0	0.0	7.4
7	22.0	34.0	27.8	53.7	0.0	0.0	0.0	1.7
8	18.7	37.6	28.4	51.0	0.0	0.0	0.0	7.9
9	20.3	32.8	25.0	70.0	0.0	0.0	0.0	1.4
10	18.8	36.8	27.2	54.0	0.0	0.0	0.0	8.2
11	20.4	37.0	28.8	54.0	0.0	0.0	0.0	6.7
12	21.2	37.5	30.5	51.7	0.0	0.0	0.0	7.6
13	22.0	35.0	28.6	57.0	0.0	0.0	0.0	3.2
14	21.8	34.0	27.6	60.7	0.0	0.0	0.0	2.7
15	19.5	37.8	29.8	50.7	0.0	0.0	0.0	7.9
16	21.2	37.2	29.5	48.0	0.0	0.0	0.0	8.1
17	21.5	37.6	29.4	50.7	0.0	0.0	0.0	8.1
18	21.4	38.5	29.5	50.0	.5	0.0	.5	3.8
19	22.2	34.0	26.6	68.0	0.0	0.0	0.0	7.7
20	20.0	38.2	27.9	52.0	0.0	0.0	0.0	9.3
21	19.8	38.8	29.4	44.3	0.0	0.0	0.0	10.2
22	22.4	37.8	30.4	48.3	0.0	0.0	0.0	8.2
23	20.8	37.0	30.0	52.7	0.0	0.0	0.0	10.1
24	22.8	37.8	29.2	55.7	0.0	0.0	0.0	7.1
25	21.2	39.0	31.4	53.7	0.0	0.0	0.0	6.4
26	22.8	36.8	29.4	63.0	0.0	0.0	0.0	10.2
27	22.0	35.0	27.4	65.0	0.0	0.0	0.0	2.4
28	19.8	38.6	29.9	47.3	0.0	0.0	0.0	9.3
29	20.0	37.2	29.2	42.3	0.0	0.0	0.0	10.2
30	20.2	37.0	27.6	54.3	0.0	0.0	0.0	6.6
31	21.0	37.5	28.8	59.7	0.0	0.0	0.0	8.2
Total :					.5	0.0	.5	224.2
Promedio :	20.7	36.7	28.6	54.3				

Estación : LA CRISTALINA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 43 ' N
Longitud : 75 ° 41 ' W
Altitud : 850 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	22.8	36.0	27.6	65.0	0.0	2.9	2.9	4.5
2	19.8	33.0	24.6	72.7	1.2	2.5	3.7	3.9
3	19.2	35.0	26.6	61.0	0.0	0.0	0.0	6.2
4	20.6	37.2	26.5	54.0	.6	.6	1.2	9.5
5	20.8	35.8	27.0	65.3	0.0	22.9	22.9	4.8
6	18.8	32.8	24.7	63.0	0.0	10.9	10.9	5.5
7	19.8	32.4	24.5	77.0	.5	35.1	35.6	7.7
8	19.0	30.7	25.6	65.3	0.0	3.7	3.7	5.2
9	19.8	32.0	26.0	69.7	0.0	.5	.5	5.1
10	21.2	35.9	27.6	61.3	0.0	0.0	0.0	8.1
11	21.8	35.8	28.5	57.3	0.0	0.0	0.0	8.5
12	21.4	36.0	28.7	57.0	0.0	0.0	0.0	7.6
13	21.0	35.8	27.8	57.7	0.0	0.0	0.0	6.1
14	20.5	33.6	26.7	61.3	0.0	0.0	0.0	3.3
15	20.0	36.8	29.2	53.3	0.0	0.0	0.0	9.2
16	21.8	33.4	27.6	63.3	0.0	0.0	0.0	3.0
17	20.2	34.2	27.4	59.7	0.0	0.0	0.0	5.2
18	19.8	36.0	28.8	54.3	0.0	0.0	0.0	7.8
19	21.6	35.0	28.0	58.7	.2	2.3	2.5	5.2
20	20.6	31.2	25.8	70.7	0.0	15.1	15.1	3.3
21	21.0	33.0	26.2	68.7	0.0	40.8	40.8	5.6
22	19.5	29.8	24.5	73.0	0.0	3.9	3.9	3.2
23	20.2	29.4	24.2	76.7	0.0	25.8	25.8	1.1
24	19.8	29.8	23.8	77.0	.1	11.2	11.3	2.5
25	20.0	32.2	23.8	79.7	.7	1.6	2.3	7.1
26	19.4	29.7	24.0	72.7	0.0	0.0	0.0	3.9
27	21.2	31.0	24.7	72.3	0.0	0.0	0.0	4.3
28	18.8	31.6	25.4	70.3	0.0	0.0	0.0	3.8
29	19.8	33.6	27.0	59.0	0.0	0.0	0.0	7.4
30	19.2	34.0	27.4	63.3	0.0	0.0	0.0	7.8
31								
Total :					3.3	179.8	183.1	166.4
Promedio :	20.3	33.4	26.3	65.3				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.8	33.8	26.5	64.7	0.0	0.0	0.0	5.1
2	20.0	32.6	25.2	72.0	0.0	13.1	13.1	4.7
3	20.2	27.8	22.4	82.7	3.6	0.0	3.6	.3
4	19.8	31.8	25.8	71.0	0.0	25.7	25.7	5.9
5	19.2	28.2	23.5	80.0	0.0	0.0	0.0	2.3
6	19.8	33.2	25.8	68.3	0.0	0.0	0.0	8.0
7	19.8	33.4	27.0	63.7	0.0	0.0	0.0	7.7
8	20.0	31.2	25.8	69.7	0.0	0.0	0.0	4.4
9	19.2	32.2	25.8	66.0	0.0	25.1	25.1	7.6
10	20.2	29.0	23.2	80.0	.6	2.6	3.2	4.6
11	20.0	29.6	24.3	72.7	0.0	5.6	5.6	2.9
12	20.6	30.4	25.0	71.0	2.9	0.0	2.9	4.2
13	21.2	29.2	23.6	73.7	7.8	.7	8.5	4.2
14	20.2	30.2	24.7	72.7	0.0	0.0	0.0	5.5
15	20.0	30.4	25.2	62.3	0.0	0.0	0.0	5.1
16	19.8	32.2	25.8	63.7	0.0	11.3	11.3	6.2
17	19.2	29.8	23.2	74.0	0.0	12.1	12.1	4.4
18	19.0	28.9	23.1	80.3	.6	3.3	3.9	6.5
19	19.4	30.0	24.6	76.0	0.0	0.0	0.0	7.4
20	19.8	33.4	26.4	67.3	0.0	16.8	16.8	9.1
21	20.0	32,4	25.4	71.0	.2	73.9	74.1	7.2
22	20.0	31.8	25.2	72.3	0.0	0.0	0.0	8.2
23	21.0	33.4	26.2	67.3	0.0	0.0	0.0	9.3
24	20.4	34.0	27.4	66.0	0.0	0.0	0.0	8.9
25	20.0	33.4	26.6	63.3	0.0	1.3	1.3	9.5
26	20.4	34.0	26.8	67.3	0.0	0.0	0.0	8.6
27	21.0	34.6	26.1	69.3	0.0	.2	.2	9.3
28	21.0	30.6	25.1	70.7	0.0	0.0	0.0	2.4
29	20.0	34.0	26.0	69.0	0.0	0.0	0.0	8.7
30	21.2	33.6	26.1	68.7	0.0	0.0	0.0	8.3
31	20.2	32.0	25.5	71.3	0.0	42.0	42.0	6.2
Total :					15.7	233.7	249.4	192.7
Promedio :	20.1	31.6	25.3	70.6				

Estación : LA CRISTALINA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 43 ' N
Longitud : 75 ° 41 ' W
Altitud : 850 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.0	29.8	24.0	75.3	1.3	0.0	1.3	3.4
2	19.0	34.0	26.4	67.3	0.0	13.3	13.3	8.3
3	19.8	29.2	24.8	75.0	0.0	0.0	0.0	1.0
4	21.2	32.8	25.6	68.0	0.0	7.7	7.7	5.8
5	20.2	30.4	25.4	71.7	0.0	0.0	0.0	3.5
6	21.4	30.4	23.7	77.7	14.4	0.0	14.4	3.3
7	20.9	30.4	25.1	72.7	0.0	3.7	3.7	4.1
8	20.0	25.3	22.0	86.3	.9	2.4	3.3	0.0
9	19.6	28.0	23.6	78.3	0.0	22.3	22.3	.6
10	20.0	30.6	23.9	79.3	0.0	0.0	0.0	3.6
11	20.4	31.0	25.0	78.7	0.0	0.0	0.0	4.0
12	21.0	31.6	25.6	72.0	0.0	0.0	0.0	5.0
13	20.4	31.2	24.5	72.3	0.0	0.0	0.0	6.9
14	19.5	28.6	22.5	82.3	.9	1.5	2.4	2.5
15	19.6	29.4	23.7	71.7	0.0	1.5	1.5	5.5
16	19.0	29.6	23.6	72.7	0.0	2.6	2.6	6.8
17	19.8	31.0	24.6	70.7	0.0	0.0	0.0	3.9
18	20.8	31.2	24.6	67.7	0.0	0.0	0.0	4.1
19	20.0	33.8	25.9	69.3	0.0	44.7	44.7	8.5
20	19.2	31.8	24.8	72.3	0.0	0.0	0.0	7.0
21	20.2	33.6	26.6	69.0	0.0	0.0	0.0	9.0
22	20.0	33.8	26.0	66.3	0.0	0.0	0.0	9.0
23	21.4	32.0	27.0	68.3	0.0	3.2	3.2	4.6
24	21.0	31.0	25.8	71.0	0.0	14.3	14.3	4.6
25	20.6	30.6	24.5	72.3	0.0	.8	.8	5.2
26	20.0	27.2	23.0	76.7	0.0	.2	.2	1.5
27	20.6	33.0	25.0	71.3	0.0	0.0	0.0	6.7
28	18.8	33.4	25.4	66.7	0.0	0.0	0.0	9.2
29	19.0	32.6	25.8	67.0	0.0	0.0	0.0	7.4
30	20.0	31.8	23.8	75.0	.9	12.4	13.3	6.0
31								
Total :					18.4	130.6	149.0	151.0
Promedio :	20.1	31.0	24.7	72.8				

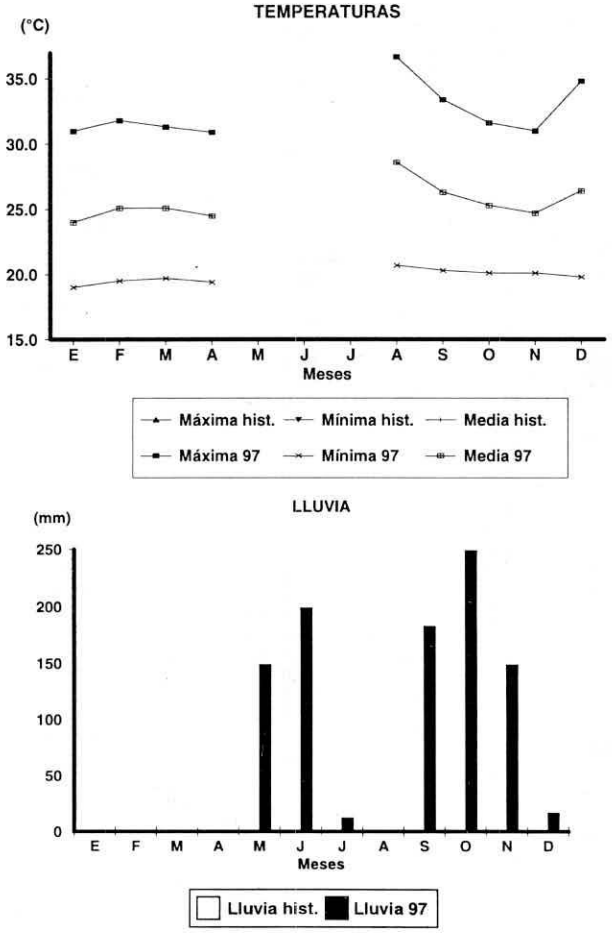
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.2	31.8	24.6	72.7	7.7	0.0	7.7	4.1
2	19.0	31.0	24.4	75.7	0.0	0.0	0.0	5.7
3	20.2	33.6	25.2	64.0	0.0	0.0	0.0	8.2
4	18.2	34.2	25.2	63.0	0.0	0.0	0.0	9.8
5	18.8	32.8	26.4	64.3	0.0	0.0	0.0	9.1
6	19.4	33.0	25.8	66.0	0.0	0.0	0.0	9.6
7	19.0	37.0	27.1	59.7	0.0	0.0	0.0	8.7
8	18.8	35.0	25.5	59.7	0.0	0.0	0.0	8.4
9	18.0	34.5	25.9	62.0	0.0	0.0	0.0	9.9
10	19.8	34.6	26.4	62.3	0.0	0.0	0.0	9.8
11	19.5	35.7	26.6	61.3	0.0	0.0	0.0	9.0
12	21.2	35.6	27.4	59.7	0.0	4.9	4.9	9.7
13	21.0	34.8	26.6	58.3	0.0	0.0	0.0	7.1
14	21.2	33.6	26.0	66.0	0.0	0.0	0.0	9.2
15	20.2	32.0	24.6	74.7	0.0	0.0	0.0	1.5
16	19.8	34.0	26.2	63.0	0.0	0.0	0.0	7.4
17	20.2	34.8	26.0	60.3	0.0	0.0	0.0	9.6
18	20.0	35.0	25.5	64.3	0.0	0.0	0.0	8.1
19	19.0	34.4	26.3	62.0	0.0	3.1	3.1	7.9
20	19.8	33.6	26.4	59.3	0.0	0.0	0.0	8.2
21	21.2	34.6	26.9	60.0	0.0	0.0	0.0	9.3
22	19.8	37.0	27.4	59.0	0.0	0.0	0.0	10.0
23	19.2	36.8	27.2	55.3	0.0	0.0	0.0	9.1
24	19.8	35.9	27.2	58.7	0.0	0.0	0.0	8.5
25	20.0	35.8	27.0	56.7	0.0	0.0	0.0	10.1
26	18.0	37.8	26.8	57.0	0.0	0.0	0.0	9.3
27	20.0	36.0	27.6	58.7	0.0	0.0	0.0	9.7
28	19.8	37.0	27.7	63.3	0.0	0.0	0.0	8.5
29	22.0	36.9	28.3	58.3	0.0	1.0	1.0	9.1
30	20.2	34.8	26.0	63.3	0.0	0.0	0.0	7.1
31	19.0	35.6	26.9	61.7	0.0	0.0	0.0	7.7
Total :					7.7	9.0	16.7	259.4
Promedio :	19.8	34.8	26.4	62.3				

Estación : LA CRISTALINA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 43 'N
Longitud : 75 ° 41 'W
Altitud : 850 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	19.0	31.0	24.0	33.8	16.8	71.2			185.9
Febrero	19.5	31.8	25.1	35.0	17.1	70.4			
Marzo	19.7	31.3	25.1	35.0	17.9	69.0			
Abril	19.4	30.9	24.5	33.7	18.2	73.4			154.4
Mayo					17.9		149.2	14	159.3
Junio							199.0	16	161.4
Julio							12.6	8	231.1
Agosto	20.7	36.7	28.6	39.0	18.5	54.3	.5	1	224.2
Septiembre	20.3	33.4	26.3	37.2	18.8	65.3	183.1	15	166.4
Octubre	20.1	31.6	25.3	34.6	19.0	70.6	249.4	16	192.7
Noviembre	20.1	31.0	24.7	34.0	18.8	72.8	149.0	16	151.0
Diciembre	19.8	34.8	26.4	37.8	18.0	62.3	16.7	4	259.4
Promedio :									
Absoluta :									
Total :									



Estación : MIGUEL VALENCIA **Dpto. : ANTIOQUIA** **Latitud : 5 ° 36 ' N**
Año : 1997 **Mpio. : JARDIN** **Longitud : 75 ° 51 ' W**
Altitud : 1570 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.9	22.0	17.8	88.3	12.0	4.0	16.0	0.0
2	15.8	23.0	18.3	84.3	0.0	4.0	4.0	1.6
3	15.6	25.6	19.2	77.7	0.0	0.0	0.0	5.1
4	16.0	26.0	19.8	77.3	0.0	0.0	0.0	6.7
5	14.8	26.4	19.2	78.3	3.0	0.0	3.0	6.2
6	15.3	26.0	19.1	81.0	0.0	0.0	0.0	2.6
7	15.2	22.0	17.7	82.7	6.0	0.0	6.0	0.0
8	15.0	28.0	19.8	75.0	0.0	0.0	0.0	8.0
9	15.8	26.0	19.0	82.7	0.0	13.0	13.0	3.6
10	16.0	24.9	18.6	82.3	9.0	4.0	13.0	2.2
11	15.2	26.7	18.9	80.3	0.0	10.0	10.0	3.6
12	15.4	26.9	19.7	81.7	0.0	4.0	4.0	4.0
13	15.7	27.0	18.8	76.3	0.0	0.0	0.0	7.8
14	14.1	26.9	18.9	74.3	0.0	0.0	0.0	3.6
15	14.6	26.8	19.0	78.7	0.0	0.0	0.0	3.4
16	15.0	27.4	19.4	79.0	0.0	13.0	13.0	3.9
17	16.0	25.9	19.2	78.3	0.0	2.0	2.0	4.0
18	16.1	26.0	19.9	77.0	9.0	0.0	9.0	3.7
19	12.5	25.3	18.5	73.0	0.0	0.0	0.0	5.6
20	14.2	24.0	17.9	77.7	1.0	0.0	1.0	4.6
21	15.6	25.2	19.4	79.0	0.0	2.0	2.0	6.1
22	13.8	27.2	19.3	76.7	0.0	2.0	2.0	4.8
23	15.5	27.0	20.0	72.0	0.0	17.0	17.0	4.3
24	12.1	25.0	18.1	78.3	0.0	0.0	0.0	3.7
25	16.0	23.3	18.3	89.7	.6	.8	1.4	1.3
26	16.6	26.9	19.0	80.3	1.7	0.0	1.7	5.6
27	16.2	27.5	19.1	79.0	7.4	0.0	7.4	6.8
28	15.0	27.0	19.3	73.3	0.0	0.0	0.0	7.2
29	15.9	26.8	20.0	76.3	0.0	0.0	0.0	6.7
30	16.0	28.0	20.5	69.7	0.0	0.0	0.0	7.5
31	16.1	27.0	19.9	74.3	.3	1.7	2.0	6.5
Total :					50.0	77.5	127.5	140.7
Promedio :	15.3	25.9	19.1	78.5				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.9	25.0	19.2	75.7	0.0	0.0	0.0	3.8
2	15.8	26.0	20.3	75.7	.6	2.0	2.6	4.0
3	15.0	26.4	19.2	76.7	1.1	0.0	1.1	5.5
4	13.9	24.9	17.4	78.7	9.0	.2	9.2	2.1
5	12.8	26.1	17.9	79.3	0.0	.3	.3	5.2
6	14.9	27.0	18.1	79.3	0.0	.7	.7	5.7
7	15.1	25.1	18.6	77.0	0.0	.5	.5	4.0
8	15.4	26.0	20.0	74.0	0.0	6.6	6.6	3.7
9	15.7	27.0	19.4	74.7	0.0	4.9	4.9	4.3
10	15.0	25.0	19.0	75.0	0.0	.1	.1	2.9
11	17.0	24.8	19.6	77.0	0.0	3.4	3.4	.6
12	15.8	24.1	19.5	78.3	0.0	9.6	9.6	2.3
13	14.4	28.5	19.6	76.7	0.0	0.0	0.0	7.6
14	15.0	28.0	21.1	73.3	0.0	0.0	0.0	7.6
15	17.0	28.3	20.0	78.3	7.2	0.0	7.2	5.2
16	16.0	23.1	19.1	85.7	.9	.5	1.4	1.4
17	16.0	26.0	20.1	76.7	0.0	1.7	1.7	2.0
18	14.0	27.0	19.7	74.7	0.0	0.0	0.0	7.4
19	15.4	28.0	20.8	74.3	0.0	29.7	29.7	7.0
20	15.7	27.1	19.4	81.7	4.7	0.0	4.7	3.4
21	16.0	27.0	19.8	80.0	3.2	2.4	5.6	5.3
22	16.0	27.1	20.3	81.3	0.0	8.5	8.5	5.5
23	15.1	26.2	19.7	80.0	0.0	0.0	0.0	1.4
24	16.0	24.0	19.2	84.7	.4	1.4	1.8	.7
25	17.0	23.8	19.6	81.7	0.0	0.0	0.0	.1
26	15.0	27.0	19.5	77.3	1.7	0.0	1.7	4.7
27	15.0	29.8	20.8	73.3	0.0	0.0	0.0	7.7
28	16.0	28.9	21.2	73.7	0.0	0.0	0.0	7.1
29								
30								
31								
Total :					28.8	72.5	101.3	118.2
Promedio :	15.4	26.3	19.6	77.7				

Estación : MIGUEL VALENCIA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : JARDIN

Latitud : 5 ° 36 ' N
Longitud : 75 ° 51 ' W
Altitud : 1570 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	24.0	20.0	80.7	0.0	0.0	0.0	0.0
2	17.0	29.8	20.8	74.3	.2	0.0	.2	3.7
3	17.8	28.1	21.2	72.0	0.0	0.0	0.0	4.2
4	16.0	29.0	21.0	69.0	0.0	0.0	0.0	7.9
5	17.5	25.0	20.0	78.3	0.0	0.0	0.0	.4
6	15.0	27.8	20.6	70.3	0.0	0.0	0.0	7.8
7	13.0	29.0	20.2	68.3	0.0	0.0	0.0	7.6
8	13.7	28.0	20.0	71.0	0.0	0.0	0.0	6.0
9	14.0	29.0	20.5	74.7	0.0	21.9	21.9	5.6
10	16.0	27.0	20.4	78.7	0.0	6.6	6.6	3.5
11	17.0	27.8	21.2	76.0	13.0	6.1	19.1	4.4
12	16.0	25.5	20.5	77.3	.1	24.9	25.0	3.2
13	16.5	18.5	17.6	93.3	5.9	0.0	5.9	0.0
14	13.0	29.9	20.2	73.7	0.0	0.0	0.0	9.4
15	14.7	30.0	21.6	70.0	0.0	0.0	0.0	9.6
16	17.0	25.0	19.7	83.0	8.5	9.8	18.3	.2
17	17.0	22.5	18.8	86.3	1.4	2.8	4.2	0.0
18	17.0	24.8	18.8	85.3	12.1	.5	12.6	.4
19	16.0	26.0	20.0	76.7	0.0	0.0	0.0	2.1
20	14.6	25.3	19.1	74.3	0.0	.2	.2	.2
21	16.0	27.6	19.7	73.3	0.0	0.0	0.0	2.5
22	15.2	28.7	20.2	71.7	0.0	0.0	0.0	9.0
23	16.0	28.0	20.0	72.3	0.0	0.0	0.0	5.7
24	14.5	28.7	20.6	70.0	0.0	0.0	0.0	8.5
25	15.0	29.0	20.4	62.3	0.0	0.0	0.0	7.3
26	12.5	27.4	19.1	71.7	0.0	0.0	0.0	5.5
27	13.9	27.0	19.2	74.7	2.4	0.0	2.4	5.8
28	15.8	28.0	20.5	71.3	0.0	0.0	0.0	5.8
29	16.4	27.0	21.4	63.3	0.0	0.0	0.0	2.5
30	15.9	28.3	21.1	68.3	0.0	.7	.7	4.6
31	15.8	26.0	19.5	76.7	.8	.4	1.2	3.2
Total :					44.4	73.9	118.3	136.6
Promedio :	15.6	27.0	20.1	74.5				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	27.0	19.6	75.0	.9	.3	1.2	3.1
2	14.0	29.2	20.7	69.0	0.0	0.0	0.0	8.7
3	15.9	28.6	21.5	65.7	0.0	28.5	28.5	6.6
4	15.8	26.1	19.8	79.0	2.5	0.0	2.5	4.3
5	16.0	27.0	19.9	80.0	1.6	0.0	1.6	4.5
6	16.1	28.3	22.5	69.3	0.0	0.0	0.0	8.0
7	14.0	27.4	20.5	71.0	0.0	0.0	0.0	3.8
8	16.0	27.0	20.8	75.0	0.0	0.0	0.0	2.0
9	15.6	26.2	20.7	76.0	0.0	0.0	0.0	4.0
10	16.0	26.0	20.7	77.0	0.0	0.0	0.0	1.3
11	18.0	25.0	20.0	80.3	3.2	0.0	3.2	.2
12	16.0	28.7	21.5	76.3	.7	.4	1.1	6.4
13	16.8	28.8	20.1	78.7	11.6	.3	11.9	2.6
14	16.0	27.0	20.0	76.3	.1	0.0	.1	1.9
15	15.9	28.7	20.3	77.3	.2	0.0	.2	4.9
16	15.6	28.2	20.3	77.7	0.0	2.7	2.7	5.8
17	16.3	27.9	20.4	77.7	.2	.2	.4	2.4
18	17.0	23.6	19.2	84.7	5.0	0.0	5.0	.2
19	16.9	25.2	19.1	86.7	1.7	29.7	31.4	2.2
20	15.8	23.8	19.3	82.0	.3	33.0	33.3	1.6
21	15.2	23.9	19.1	81.3	1.3	21.7	23.0	1.1
22	15.8	23.5	18.6	84.3	5.5	0.0	5.5	1.1
23	16.0	24.6	17.8	83.3	6.5	.6	7.1	2.7
24	13.8	27.8	19.8	79.3	0.0	.2	.2	4.6
25	16.0	25.3	18.8	80.3	2.0	0.0	2.0	1.9
26	14.4	26.0	19.3	79.7	0.0	3.2	3.2	4.3
27	17.0	26.2	21.5	71.7	0.0	17.6	17.6	5.5
28	14.0	26.3	19.0	77.0	0.0	0.0	0.0	4.7
29	13.8	28.2	20.1	74.7	0.0	0.0	0.0	10.4
30	14.8	25.7	19.7	76.0	0.0	0.0	0.0	1.5
31								
Total :					43.3	138.4	181.7	112.3
Promedio :	15.7	26.6	20.0	77.4				

Estación : MIGUEL VALENCIA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : JARDIN

Latitud : 5 ° 36 ' N
Longitud : 75 ° 51 ' W
Altitud : 1570 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	25.8	19.6	76.7	0.0	0.0	0.0	4.2
2	15.7	26.7	20.2	71.3	0.0	0.0	0.0	2.4
3	13.6	28.4	20.3	74.0	0.0	7.0	7.0	5.1
4	16.8	27.1	20.6	79.0	0.0	0.0	0.0	1.7
5	14.7	26.5	19.4	78.7	.3	.7	1.0	4.7
6	16.7	27.2	19.8	80.7	5.2	0.0	5.2	1.3
7	16.6	24.5	19.5	80.0	.2	0.0	.2	2.2
8	14.0	29.8	21.1	74.0	8.0	.1	8.1	6.7
9	15.5	26.2	19.5	81.3	.9	29.5	30.4	3.4
10	15.9	26.0	20.0	80.0	0.0	10.9	10.9	2.9
11	16.0	25.9	20.0	77.7	1.5	0.0	1.5	3.2
12	13.8	27.7	20.4	73.0	0.0	.4	.4	6.3
13	17.0	26.0	19.9	80.7	1.4	.2	1.6	3.1
14	16.1	24.8	19.6	84.7	5.5	0.0	5.5	1.9
15	15.7	26.2	19.5	81.3	0.0	0.0	0.0	4.1
16	15.0	27.1	19.6	80.3	4.2	0.0	4.2	5.4
17	15.9	28.9	21.0	74.7	0.0	.8	.8	5.5
18	16.0	29.5	22.1	74.0	0.0	0.0	0.0	9.2
19	17.0	27.2	21.4	73.3	0.0	0.0	0.0	4.5
20	14.9	27.4	21.1	71.7	0.0	0.0	0.0	6.1
21	15.2	28.5	21.4	71.0	.8	33.3	34.1	6.0
22	15.8	25.5	19.0	80.3	0.0	.2	.2	2.0
23	14.3	29.1	22.0	72.3	0.0	0.0	0.0	8.8
24	15.3	28.7	21.1	74.3	.7	0.0	.7	4.1
25	16.8	26.0	19.8	80.7	1.7	.8	2.5	1.3
26	16.5	24.8	19.6	83.3	.7	.9	1.6	1.4
27	16.9	27.7	19.9	78.3	7.6	.5	8.1	4.3
28	16.5	26.0	19.0	84.7	2.5	.9	3.4	2.3
29	16.6	26.8	20.3	78.0	3.9	.1	4.0	4.0
30	16.0	26.0	19.1	83.3	6.1	3.8	9.9	2.4
31	15.8	26.1	19.6	79.7	3.2	0.0	3.2	5.3
Total :					54.4	90.1	144.5	125.8
Promedio :	15.7	26.9	20.2	77.8				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	24.3	19.6	81.7	0.0	0.0	0.0	2.5
2	14.9	26.8	20.3	79.3	4.2	0.0	4.2	2.9
3	15.9	27.2	20.1	78.7	0.0	0.0	0.0	4.0
4	16.2	19.1	17.4	92.0	14.2	0.0	14.2	0.0
5	15.4	25.8	19.8	79.7	0.0	24.2	24.2	5.7
6	16.9	25.4	19.0	85.7	5.0	12.5	17.5	2.5
7	16.0	22.2	18.7	84.0	1.6	14.4	16.0	0.0
8	15.2	25.1	19.4	78.0	0.0	0.0	0.0	3.8
9	14.7	25.0	18.8	80.7	0.0	0.0	0.0	3.0
10	15.0	25.9	19.5	81.7	5.4	1.9	7.3	5.4
11	16.8	28.2	20.6	78.0	.3	22.4	22.7	5.9
12	15.1	25.6	18.2	83.0	.4	0.0	.4	3.3
13	14.4	23.7	19.2	81.0	.1	.4	.5	3.0
14	16.1	25.1	18.8	80.0	.8	0.0	.8	3.9
15	14.3	27.2	19.9	76.0	0.0	0.0	0.0	6.2
16	16.7	28.8	21.4	76.3	1.2	7.2	8.4	5.8
17	14.8	26.0	19.7	79.7	3.7	0.0	3.7	4.4
18	16.2	24.3	19.1	82.0	2.2	13.2	15.4	3.0
19	15.2	23.2	18.3	82.7	0.0	0.0	0.0	1.0
20	14.9	27.8	20.7	71.3	0.0	0.0	0.0	8.0
21	15.8	28.1	20.3	74.3	0.0	1.8	1.8	8.1
22	15.0	29.0	20.5	73.3	0.0	0.0	0.0	11.0
23	14.9	28.2	21.2	76.7	0.0	.5	.5	8.5
24	15.5	26.0	20.2	77.7	0.0	0.0	0.0	.9
25	16.3	25.0	19.0	81.7	3.6	6.1	9.7	4.8
26	15.1	23.3	18.7	85.7	.8	.2	1.0	2.2
27	16.1	24.8	18.9	82.0	0.0	0.0	0.0	2.3
28	13.8	29.3	20.7	74.0	0.0	6.3	6.3	10.4
29	15.1	27.3	19.4	76.3	0.0	1.5	1.5	7.9
30	16.2	26.0	20.0	77.7	0.0	.3	.3	4.3
31								
Total :					43.5	112.9	156.4	134.7
Promedio :	15.5	25.8	19.6	79.7				

Estación : MIGUEL VALENCIA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : JARDIN

Latitud : 5 ° 36 ' N
Longitud : 75 ° 51 ' W
Altitud : 1570 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	25.9	19.4	77.0	0.0	0.0	0.0	5.1
2	12.4	27.6	20.1	68.0	0.0	0.0	0.0	9.2
3	13.7	27.3	20.4	73.7	0.0	0.0	0.0	4.5
4	13.6	29.1	20.4	68.7	0.0	0.0	0.0	9.5
5	13.0	27.0	19.8	72.0	0.0	0.0	0.0	4.5
6	13.5	28.6	20.9	70.7	0.0	0.0	0.0	8.8
7	14.6	26.0	20.4	73.7	0.0	0.0	0.0	7.2
8	14.0	28.2	20.3	74.0	0.0	.4	.4	6.2
9	15.6	25.6	19.8	80.0	2.1	0.0	2.1	4.4
10	16.0	27.5	21.4	70.3	0.0	0.0	0.0	7.0
11	16.2	28.0	21.3	72.3	.1	0.0	.1	6.2
12	13.6	27.3	20.6	72.0	0.0	0.0	0.0	5.1
13	13.0	30.3	21.3	66.3	0.0	0.0	0.0	8.7
14	13.0	27.5	20.5	69.3	0.0	0.0	0.0	6.1
15	13.7	28.0	21.5	67.3	0.0	0.0	0.0	4.8
16	15.5	26.0	20.0	77.7	.9	.1	1.0	4.1
17	15.6	29.2	21.9	68.0	0.0	0.0	0.0	8.9
18	14.6	29.0	21.0	72.0	0.0	0.0	0.0	6.8
19	14.5	30.6	20.9	67.7	0.0	0.0	0.0	8.1
20	12.8	29.8	21.0	67.7	0.0	0.0	0.0	8.4
21	13.7	28.0	21.0	71.7	0.0	0.0	0.0	6.3
22	14.6	27.6	20.0	72.3	0.0	0.0	0.0	1.6
23	12.9	31.0	22.0	62.7	0.0	0.0	0.0	7.7
24	13.3	31.6	22.2	64.0	0.0	0.0	0.0	7.3
25	14.7	28.0	20.5	69.3	0.0	0.0	0.0	1.0
26	13.0	29.9	21.4	67.7	0.0	0.0	0.0	7.9
27	13.8	26.2	20.2	73.0	0.0	0.0	0.0	.8
28	13.6	24.0	17.9	81.7	7.8	0.0	7.8	.7
29	15.0	26.3	19.2	80.3	2.1	11.4	13.5	6.0
30	16.0	27.0	19.5	78.3	0.0	5.9	5.9	5.1
31	15.6	27.8	19.7	79.7	3.0	10.9	13.9	7.2
Total :					16.0	28.7	44.7	185.2
Promedio :	14.2	27.9	20.5	71.9				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	29.0	20.8	73.0	0.0	0.0	0.0	9.9
2	14.8	28.0	20.0	72.0	0.0	0.0	0.0	3.8
3	14.6	28.0	21.6	71.7	0.0	0.0	0.0	5.9
4	12.7	29.3	20.8	67.7	0.0	0.0	0.0	8.1
5	13.0	29.6	20.8	67.7	0.0	0.0	0.0	8.6
6	14.0	29.6	21.7	64.3	0.0	0.0	0.0	7.3
7	14.6	27.2	20.6	68.0	0.0	0.0	0.0	1.5
8	13.0	28.2	20.2	69.0	0.0	0.0	0.0	5.4
9	14.1	25.0	21.0	77.3	4.7	0.0	4.7	1.9
10	13.0	26.0	18.5	78.3	.8	0.0	.8	5.2
11	14.0	29.5	20.5	72.7	0.0	0.0	0.0	4.7
12	15.0	29.0	21.5	70.7	0.0	0.0	0.0	6.7
13	15.7	27.2	20.0	75.7	1.2	0.0	1.2	2.0
14	14.6	27.0	19.8	76.7	0.0	0.0	0.0	5.5
15	13.6	30.0	20.7	66.3	0.0	0.0	0.0	8.2
16	13.0	29.6	20.6	71.3	0.0	0.0	0.0	8.5
17	14.7	30.4	21.6	67.3	0.0	0.0	0.0	6.9
18	13.9	28.0	20.1	72.0	0.0	0.0	0.0	5.6
19	15.3	26.8	19.4	79.7	12.5	0.0	12.5	3.9
20	14.0	29.6	19.6	69.3	0.0	0.0	0.0	9.8
21	11.6	30.9	20.9	64.7	0.0	0.0	0.0	10.4
22	15.0	28.8	21.1	72.7	0.0	0.0	0.0	4.4
23	13.5	27.6	20.1	71.7	0.0	0.0	0.0	7.2
24	14.9	30.0	23.4	66.0	0.0	0.0	0.0	7.8
25	14.0	31.0	22.0	69.3	0.0	.2	.2	9.5
26	16.6	29.6	21.8	71.0	0.0	0.0	0.0	3.6
27	15.6	26.5	20.8	71.7	0.0	0.0	0.0	0.0
28	12.9	31.0	21.5	63.3	0.0	0.0	0.0	9.3
29	11.7	31.0	20.7	63.7	0.0	0.0	0.0	9.1
30	12.6	29.0	19.8	70.7	0.0	0.0	0.0	6.3
31	13.9	29.6	20.1	76.7	6.4	0.0	6.4	4.7
Total :					25.6	.2	25.8	191.7
Promedio :	14.0	28.8	20.7	70.7				

Estación : MIGUEL VALENCIA | **Dpto. : ANTIOQUIA** | **Latitud : 5 ° 36 ' N**
Año : 1997 | **Mpio. : JARDIN** | **Longitud : 75 ° 51 ' W**
Altitud : 1570 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	25.0	19.0	82.0	2.2	.5	2.7	1.0
2	15.6	25.3	18.6	80.0	6.8	4.7	11.5	1.6
3	13.9	25.6	19.2	82.0	.5	0.0	.5	4.2
4	14.6	29.0	21.0	75.3	.3	0.0	.3	6.8
5	15.8	28.8	19.2	75.3	37.5	32.6	70.1	4.0
6	14.7	28.0	19.2	75.0	1.0	0.0	1.0	6.2
7	16.0	26.2	20.8	72.7	.2	5.3	5.5	1.6
8	15.8	26.0	18.4	90.0	2.3	13.5	15.8	2.5
9	15.9	27.0	19.8	74.0	.1	0.0	.1	.5
10	15.6	29.0	20.7	75.7	0.0	0.0	0.0	6.1
11	15.0	27.0	20.2	73.7	.3	.2	.5	1.8
12	15.4	28.6	21.0	75.0	0.0	0.0	0.0	4.6
13	14.8	28.4	18.6	76.7	3.5	0.0	3.5	4.6
14	14.0	28.0	19.8	74.0	.1	0.0	.1	5.0
15	13.0	29.0	19.3	76.7	6.7	0.0	6.7	6.2
16	15.6	26.8	20.5	75.3	0.0	0.0	0.0	1.2
17	14.7	27.4	20.0	74.3	.1	0.0	.1	.8
18	14.0	28.0	21.0	72.3	0.0	.1	.1	4.8
19	15.1	29.0	20.3	74.7	.2	2.9	3.1	4.6
20	15.0	24.0	18.4	84.0	7.9	0.0	7.9	1.5
21	15.1	26.0	19.8	77.3	.1	10.7	10.8	2.3
22	15.7	24.0	18.6	79.3	1.0	1.8	2.8	.5
23	15.8	23.9	18.9	83.3	10.6	13.1	23.7	1.8
24	16.0	24.1	18.6	85.0	14.9	2.1	17.0	1.4
25	15.8	27.0	19.2	78.7	.3	2.8	3.1	3.7
26	15.5	26.4	19.6	78.3	.6	0.0	.6	3.3
27	15.8	27.0	19.8	78.0	0.0	0.0	0.0	4.0
28	14.0	26.9	20.5	74.7	0.0	0.0	0.0	2.2
29	13.9	25.9	19.0	78.3	4.8	2.4	7.2	4.5
30	13.7	28.9	20.3	75.7	0.0	.5	.5	7.8
31								
Total :					102.0	93.2	195.2	101.1
Promedio :	15.0	26.9	19.6	77.6				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.3	27.0	19.6	75.7	0.0	0.0	0.0	4.8
2	16.0	26.9	20.1	77.0	.2	3.1	3.3	3.7
3	16.0	25.0	19.3	82.0	.8	0.0	.8	.8
4	14.0	27.3	18.9	77.7	13.4	10.0	23.4	6.8
5	15.8	25.0	19.0	79.0	0.0	0.0	0.0	3.4
6	13.0	27.0	18.9	76.0	0.0	0.0	0.0	6.7
7	14.1	28.0	20.6	73.7	0.0	0.0	0.0	6.6
8	15.0	25.2	19.9	78.0	0.0	0.0	0.0	1.6
9	15.1	27.0	20.4	75.0	0.0	1.8	1.8	7.5
10	16.0	26.0	18.7	81.0	0.0	9.8	9.8	6.9
11	15.6	27.0	19.4	80.7	.5	5.3	5.8	2.6
12	15.0	26.8	20.2	77.7	1.3	.7	2.0	.4
13	15.7	24.0	18.4	84.3	1.6	6.3	7.9	3.1
14	15.0	26.0	19.4	77.0	0.0	0.0	0.0	6.3
15	13.0	25.7	19.2	71.7	0.0	0.0	0.0	5.4
16	13.9	27.0	19.2	74.3	0.0	9.4	9.4	5.5
17	14.0	24.8	18.2	78.7	.3	10.2	10.5	2.1
18	15.0	27.0	19.6	76.7	3.6	7.5	11.1	6.1
19	15.2	26.0	20.1	77.3	0.0	0.0	0.0	7.2
20	14.6	28.0	20.1	78.3	2.3	16.7	19.0	7.3
21	15.6	28.0	20.3	77.3	1.7	21.3	23.0	9.0
22	15.0	25.0	18.6	81.7	2.7	.4	3.1	2.7
23	15.3	28.0	20.2	74.3	0.0	0.0	0.0	10.0
24	16.0	28.9	20.6	72.7	0.0	0.0	0.0	8.0
25	14.9	29.0	20.6	71.7	0.0	5.2	5.2	8.3
26	17.0	27.8	20.9	76.0	0.0	0.0	0.0	8.9
27	15.0	28.0	21.0	78.0	2.6	0.0	2.6	7.1
28	15.4	27.0	20.4	75.7	0.0	0.0	0.0	3.9
29	16.6	28.0	19.5	77.0	.4	1.0	1.4	5.7
30	16.0	29.0	19.7	78.3	.3	0.0	.3	7.0
31	15.0	26.2	18.7	83.0	.2	0.0	.2	3.8
Total :					31.9	108.7	140.6	169.2
Promedio :	15.1	26.8	19.7	77.3				

Estación : MIGUEL VALENCIA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : JARDIN

Latitud : 5 ° 36 ' N
Longitud : 75 ° 51 ' W
Altitud : 1570 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	15.0	26.0	19.4	80.7	1.0	0.0	1.0	1.7
2	16.0	28.0	20.9	76.3	.2	0.0	.2	4.6
3	16.9	25.7	19.8	77.3	.3	0.0	.3	.1
4	15.1	25.8	19.2	83.0	3.6	.5	4.1	2.1
5	17.0	25.0	19.8	84.7	.4	0.0	.4	2.1
6	16.0	25.9	19.5	82.7	13.6	18.0	31.6	3.6
7	16.0	27.0	19.8	77.7	0.0	28.0	28.0	4.6
8	16.4	22.5	18.2	87.3	10.4	0.0	10.4	.2
9	14.0	25.0	18.5	80.0	4.5	16.5	21.0	.4
10	16.0	24.0	18.8	82.0	1.4	3.5	4.9	1.4
11	16.7	27.0	19.8	77.7	.3	.1	.4	3.2
12	17.0	27.2	19.4	78.3	.5	3.2	3.7	6.9
13	15.0	27.6	19.0	77.3	.9	0.0	.9	5.4
14	15.5	25.5	17.6	85.0	9.9	0.0	9.9	2.9
15	14.0	23.8	17.4	81.3	3.0	0.0	3.0	2.5
16	14.1	25.2	18.9	93.7	.1	0.0	.1	5.8
17	16.0	25.1	18.4	84.0	.3	0.0	.3	.7
18	15.0	24.5	19.4	77.0	0.0	0.0	0.0	3.3
19	16.0	26.9	19.7	84.0	1.1	9.9	11.0	5.1
20	13.9	24.0	18.6	81.3	.4	0.0	.4	2.6
21	15.0	27.5	19.9	78.3	.4	3.2	3.6	6.2
22	15.2	29.0	20.7	77.0	0.0	0.0	0.0	6.9
23	15.0	27.0	19.4	79.3	13.6	2.7	16.3	3.7
24	16.2	25.7	19.6	79.0	0.0	2.9	2.9	2.9
25	15.3	24.5	19.4	87.3	2.3	0.0	2.3	3.0
26	14.9	23.0	17.9	92.0	3.6	.1	3.7	1.5
27	14.7	26.6	19.5	74.0	0.0	0.0	0.0	3.6
28	14.0	29.0	19.6	73.7	0.0	0.0	0.0	8.3
29	15.1	26.7	19.6	77.7	0.0	0.0	0.0	4.8
30	13.8	26.4	19.6	79.0	.1	0.0	.1	4.4
31								
Total :					71.9	88.6	160.5	104.5
Promedio :	15.4	25.9	19.2	81.0				

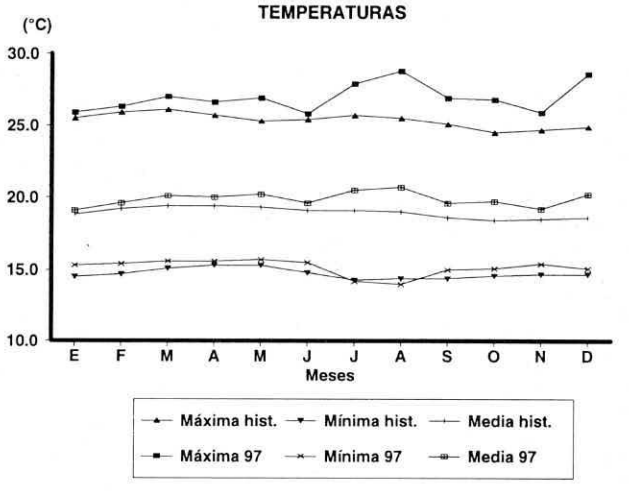
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	16.0	28.0	19.6	78.0	.5	1.2	1.7	4.2
2	15.0	27.8	19.0	80.7	4.2	0.0	4.2	4.4
3	15.3	28.1	19.5	77.0	0.0	0.0	0.0	6.9
4	12.8	29.1	19.3	74.3	0.0	0.0	0.0	8.1
5	14.0	27.6	20.0	75.0	0.0	0.0	0.0	6.2
6	14.2	28.2	20.1	74.0	0.0	0.0	0.0	4.5
7	14.4	28.9	19.6	75.0	0.0	0.0	0.0	5.9
8	13.0	28.9	18.8	74.7	0.0	0.0	0.0	6.7
9	13.1	29.5	19.2	70.0	0.0	0.0	0.0	8.8
10	14.0	28.0	19.8	75.0	0.0	0.0	0.0	6.7
11	15.8	30.0	21.6	69.3	0.0	.5	.5	8.1
12	17.0	29.3	21.3	74.0	.1	6.2	6.3	7.3
13	17.1	29.0	20.1	73.3	0.0	0.0	0.0	7.8
14	15.2	28.0	19.5	76.3	1.3	2.2	3.5	6.2
15	16.5	25.8	19.5	77.0	0.0	0.0	0.0	1.1
16	16.0	27.2	20.5	73.7	0.0	0.0	0.0	4.1
17	16.8	29.2	21.0	75.0	0.0	0.0	0.0	8.3
18	15.5	27.7	20.4	71.7	0.0	0.0	0.0	6.2
19	16.2	28.1	21.1	70.7	0.0	0.0	0.0	8.2
20	16.5	28.0	20.7	75.0	0.0	0.0	0.0	6.7
21	15.1	29.4	20.5	74.3	0.0	0.0	0.0	7.6
22	15.0	29.0	21.0	72.0	0.0	0.0	0.0	5.9
23	13.0	30.0	20.3	69.3	0.0	0.0	0.0	8.2
24	13.9	28.7	20.0	70.3	0.0	0.0	0.0	6.1
25	14.1	29.1	20.4	70.3	0.0	0.0	0.0	6.9
26	13.0	28.5	19.4	73.0	0.0	0.0	0.0	7.3
27	14.0	30.0	20.3	71.7	0.0	0.0	0.0	8.3
28	15.9	29.5	21.3	73.3	0.0	0.0	0.0	6.5
29	16.5	29.4	20.8	72.0	0.0	0.0	0.0	7.9
30	16.7	26.2	20.2	76.3	.6	0.0	.6	5.6
31	15.5	30.2	20.0	76.3	.9	.1	1.0	5.3
Total :					7.6	10.2	17.8	202.0
Promedio :	15.1	28.6	20.2	73.8				

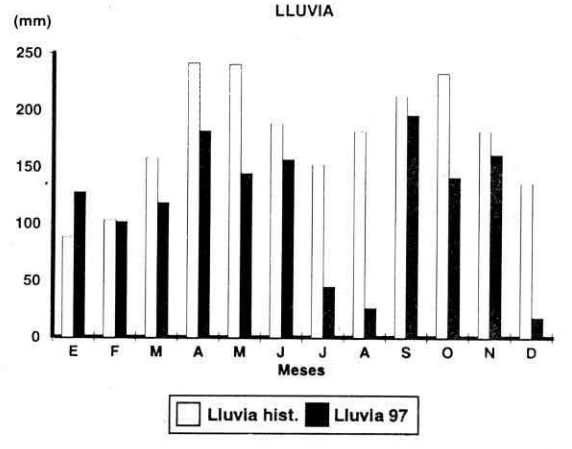
Estación : MIGUEL VALENCIA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : JARDIN

Latitud : 5 ° 36 'N
Longitud : 75 ° 51 'W
Altitud : 1570 **m**

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.3	25.9	19.1	28.0	12.1	78.5	127.5	19	140.7
Febrero	15.4	26.3	19.6	29.8	12.8	77.7	101.3	20	118.2
Marzo	15.6	27.0	20.1	30.0	12.5	74.5	118.3	13	136.6
Abril	15.6	26.6	20.0	29.2	13.8	77.4	181.7	21	112.3
Mayo	15.7	26.9	20.2	29.8	13.6	77.8	144.5	23	125.8
Junio	15.5	25.8	19.6	29.3	13.8	79.7	156.4	20	134.7
Julio	14.2	27.9	20.5	31.6	12.4	71.9	44.7	8	185.2
Agosto	14.0	28.8	20.7	31.0	11.6	70.7	25.8	6	191.7
Septiembre	15.0	26.9	19.6	29.0	13.0	77.6	195.2	25	101.1
Octubre	15.1	26.8	19.7	29.0	13.0	77.3	140.6	19	169.2
Noviembre	15.4	25.9	19.2	29.0	13.8	81.0	160.5	25	104.5
Diciembre	15.1	28.6	20.2	30.2	12.8	73.8	17.8	7	202.0
Promedio :	15.2	26.9	19.9			76.5			
Absoluta :				31.6	11.6				
Total :							1414.3	206	1722.0





Estación : BERTHA
Año : 1997

Dpto. : BOYACA
Mpio. : MONIQUIRA

Latitud : 5 ° 53 ' N
Longitud : 73 ° 34 ' W
Altitud : 1700 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	26.0	19.7	65.3	0.0	0.0	0.0	3.4
2	14.2	22.5	17.2	83.0	.3	.5	.8	1.1
3	15.0	26.6	18.9	66.7	0.0	1.0	1.0	8.3
4	14.5	26.5	18.7	67.0	0.0	0.0	0.0	8.6
5	13.2	25.6	18.4	65.3	0.0	0.0	0.0	5.8
6	14.0	27.4	20.1	62.7	0.0	0.0	0.0	8.0
7	13.8	27.0	19.7	63.7	0.0	0.0	0.0	4.0
8	11.5	27.7	19.3	63.7	0.0	0.0	0.0	7.9
9	15.5	23.5	18.0	76.7	.9	27.1	28.0	1.2
10	15.0	22.5	17.8	77.3	6.6	16.4	23.0	.9
11	14.8	23.9	17.2	81.0	.9	0.0	.9	2.3
12	14.0	26.0	18.6	70.0	0.0	0.0	0.0	5.4
13	13.0	26.0	18.2	68.7	0.0	0.0	0.0	8.6
14	10.0	26.7	18.5	65.3	0.0	2.0	2.0	7.9
15	16.5	26.4	20.0	61.7	0.0	0.0	0.0	4.9
16	13.0	26.5	19.0	67.3	0.0	0.0	0.0	3.7
17	14.0	26.8	19.6	61.7	0.0	0.0	0.0	6.6
18	14.5	27.0	19.2	65.0	0.0	0.0	0.0	7.5
19	12.0	26.0	18.6	64.3	0.0	0.0	0.0	7.0
20	12.9	27.0	18.6	67.3	0.0	0.0	0.0	8.9
21	13.0	26.5	19.4	62.7	0.0	0.0	0.0	5.0
22	15.5	28.0	20.2	63.3	0.0	0.0	0.0	5.2
23	12.0	26.5	18.6	66.3	0.0	0.0	0.0	6.8
24	13.0	27.4	19.0	69.0	0.0	0.0	0.0	3.7
25	14.0	26.5	18.2	69.0	0.0	0.0	0.0	4.7
26	15.3	27.0	20.4	66.0	0.0	0.0	0.0	6.0
27	15.0	27.7	20.0	63.7	0.0	0.0	0.0	7.8
28	11.5	27.5	19.7	63.3	0.0	0.0	0.0	8.3
29	14.0	27.7	20.4	58.3	0.0	0.0	0.0	9.4
30	13.0	27.5	18.8	63.7	0.0	0.0	0.0	9.2
31	10.0	27.1	19.1	59.0	0.0	0.0	0.0	5.9
Total :					8.7	47.0	55.7	184.0
Promedio :	13.6	26.4	19.0	66.7				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.9	27.5	19.2	62.7	0.0	0.0	0.0	7.3
2	13.0	28.6	20.7	56.7	0.0	0.0	0.0	8.6
3	12.0	28.5	19.0	66.7	0.0	9.0	9.0	4.1
4	13.0	27.5	18.2	67.3	0.0	0.0	0.0	5.5
5	11.0	26.0	17.4	67.7	0.0	0.0	0.0	2.9
6	10.2	27.5	18.8	65.0	0.0	1.0	1.0	5.0
7	12.5	28.3	19.7	64.0	0.0	2.0	2.0	6.8
8	13.0	28.2	18.7	66.3	0.0	3.0	3.0	3.6
9	13.5	28.0	19.8	66.3	0.0	0.0	0.0	2.5
10	15.0	25.0	18.8	71.7	2.0	17.0	19.0	1.4
11	13.0	25.0	17.6	72.3	7.0	4.0	11.0	2.0
12	14.0	25.2	17.8	74.3	0.0	14.0	14.0	3.3
13	11.0	29.0	18.9	67.0	15.0	1.0	16.0	8.0
14	12.5	27.0	19.1	68.7	3.0	0.0	3.0	5.1
15	11.5	29.0	19.0	66.7	3.0	0.0	3.0	6.6
16	14.0	27.5	19.1	69.7	3.0	4.0	7.0	5.0
17	14.2	28.0	19.9	64.0	0.0	21.0	21.0	2.0
18	15.0	27.0	19.7	59.7	0.0	0.0	0.0	5.7
19	11.5	29.3	20.2	51.7	0.0	0.0	0.0	9.6
20	11.2	29.7	20.1	51.7	0.0	0.0	0.0	10.2
21	11.5	30.0	20.8	59.3	0.0	8.0	8.0	9.4
22	16.0	30.3	20.8	67.3	3.0	5.0	8.0	7.2
23	15.0	30.0	21.2	54.0	0.0	0.0	0.0	4.6
24	16.0	28.0	20.5	65.0	0.0	0.0	0.0	1.6
25	13.5	27.7	19.8	66.3	0.0	0.0	0.0	3.4
26	16.0	28.0	20.4	71.7	0.0	0.0	0.0	4.3
27	13.0	29.2	20.8	66.7	0.0	0.0	0.0	7.2
28	13.5	29.4	20.2	62.3	0.0	0.0	0.0	8.2
29								
30								
31								
Total :					36.0	89.0	125.0	151.1
Promedio :	13.2	28.0	19.5	64.7				

Estación : BERTHA **Dpto. : BOYACA** **Latitud : 5 ° 53 ' N**
Año : 1997 **Mpio. : MONIQUIRA** **Longitud : 73 ° 34 ' W**
Altitud : 1700 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.1	29.0	20.7	64.7	0.0	0.0	0.0	6.6
2	16.9	29.2	21.1	64.3	0.0	0.0	0.0	8.3
3	16.0	29.5	20.3	63.0	0.0	0.0	0.0	9.2
4	13.5	28.5	21.2	54.0	0.0	0.0	0.0	8.7
5	14.0	30.0	20.8	56.0	0.0	0.0	0.0	7.3
6	11.6	28.7	20.6	66.3	0.0	0.0	0.0	9.1
7	8.9	29.2	20.0	65.7	0.0	0.0	0.0	7.8
8	12.0	28.2	19.8	72.3	0.0	0.0	0.0	5.4
9	11.2	29.5	20.8	62.0	0.0	0.0	0.0	7.7
10	11.0	29.2	20.0	70.3	0.0	0.0	0.0	6.1
11	12.0	29.9	20.7	69.7	0.0	0.0	0.0	7.2
12	12.5	28.6	19.8	78.0	.3	16.1	16.4	4.0
13	16.0	24.5	19.2	77.3	.8	.2	1.0	.1
14	13.5	29.8	20.8	74.0	0.0	0.0	0.0	4.9
15	12.0	29.5	20.6	70.7	0.0	0.0	0.0	7.2
16	15.5	25.5	19.1	82.3	3.0	14.5	17.5	.3
17	16.0	25.0	19.2	83.3	41.2	0.0	41.2	.6
18	15.8	24.0	18.5	86.0	1.7	1.7	3.4	1.0
19	15.9	22.5	17.5	85.3	5.4	0.0	5.4	.8
20	13.0	25.0	18.7	74.3	0.0	5.6	5.6	5.6
21	14.0	25.3	18.1	78.0	0.0	0.0	0.0	3.4
22	13.0	26.4	17.8	73.3	0.0	.7	.7	7.0
23	13.5	26.0	19.0	72.7	0.0	0.0	0.0	7.0
24	14.0	27.0	20.0	71.7	0.0	0.0	0.0	8.4
25	13.0	27.7	20.4	70.3	0.0	.3	.3	7.0
26	14.5	25.3	19.1	71.7	0.0	0.0	0.0	4.9
27	13.5	26.2	18.8	71.3	0.0	.1	.1	4.6
28	13.9	26.0	18.6	72.7	0.0	0.0	0.0	5.8
29	12.0	26.5	19.0	72.3	0.0	0.0	0.0	5.5
30	14.5	26.7	19.3	77.3	0.0	0.0	0.0	5.6
31	12.9	26.5	18.4	78.3	0.0	0.0	0.0	5.7
Total :					52.4	39.2	91.6	172.8
Promedio :	13.6	27.3	19.6	71.9				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	26.5	19.7	72.3	0.0	0.0	0.0	5.3
2	15.0	28.5	20.8	69.0	0.0	0.0	0.0	8.0
3	15.5	28.8	20.4	75.0	0.0	2.3	2.3	6.5
4	14.0	28.0	20.0	75.3	2.0	17.0	19.0	5.0
5	16.0	26.5	19.7	81.0	0.0	0.0	0.0	4.5
6	15.1	27.0	19.0	77.3	6.5	0.0	6.5	4.3
7	13.0	28.5	21.2	63.0	0.0	.3	.3	5.9
8	14.5	28.0	20.6	76.7	0.0	.7	.7	7.4
9	13.5	28.2	20.2	73.3	10.0	6.5	16.5	6.9
10	16.0	27.0	20.1	80.0	.8	7.1	7.9	3.0
11	16.1	27.5	20.8	81.0	2.1	0.0	2.1	2.8
12	15.0	29.0	19.2	79.0	28.7	0.0	28.7	6.0
13	12.5	28.5	19.7	74.0	.2	.1	.3	7.1
14	12.8	28.3	20.4	74.7	0.0	13.2	13.2	4.1
15	14.0	27.6	19.8	78.3	1.4	3.1	4.5	5.5
16	14.5	28.0	20.9	72.3	0.0	2.9	2.9	6.9
17	14.3	27.5	20.1	76.3	0.0	0.0	0.0	1.0
18	14.5	26.0	18.9	82.0	2.6	3.4	6.0	0.0
19	15.0	25.0	18.5	83.0	5.0	15.8	20.8	1.8
20	14.0	23.5	17.7	93.7	14.7	9.2	23.9	2.0
21	15.5	23.2	18.4	89.7	11.4	.5	11.9	1.4
22	16.0	23.5	18.4	87.3	4.1	0.0	4.1	1.3
23	14.0	25.8	18.4	86.0	.2	0.0	.2	4.0
24	13.7	27.0	19.6	79.3	.4	2.2	2.6	3.7
25	15.5	26.0	19.8	80.0	1.4	.8	2.2	2.6
26	13.0	26.2	18.4	79.0	1.5	0.0	1.5	6.0
27	12.8	27.0	20.2	75.3	0.0	0.0	0.0	8.3
28	15.5	27.2	20.6	74.7	0.0	1.5	1.5	7.3
29	12.0	28.0	20.6	73.3	0.0	7.7	7.7	9.4
30	13.5	27.2	19.8	76.3	0.0	0.0	0.0	5.5
31								
Total :					93.0	94.3	187.3	143.5
Promedio :	14.4	27.0	19.7	77.9				

Estación : BERTHA
Año : 1997

Dpto. : BOYACA
Mpio. : MONIQUIRA

Latitud : 5 ° 53 ' N
Longitud : 73 ° 34 ' W
Altitud : 1700 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.5	24.5	19.4	77.7	0.0	0.0	0.0	2.2
2	12.0	29.1	20.3	71.0	0.0	0.0	0.0	6.0
3	15.0	28.0	19.4	76.0	.5	0.0	.5	5.7
4	13.0	26.0	18.8	76.7	0.0	0.0	0.0	1.9
5	10.8	27.5	18.2	79.0	17.8	2.1	19.9	5.8
6	13.5	28.0	19.6	80.7	1.1	0.0	1.1	6.9
7	14.5	24.0	19.0	81.0	0.0	0.0	0.0	.9
8	11.0	29.0	20.0	72.0	3.8	.1	3.9	8.2
9	15.0	28.5	19.1	75.3	2.0	.3	2.3	3.9
10	13.5	28.4	19.4	78.0	15.7	7.8	23.5	4.1
11	14.5	24.5	18.4	86.3	3.0	.6	3.6	1.7
12	15.0	26.0	19.4	79.7	0.0	42.7	42.7	5.1
13	14.5	27.5	20.0	76.7	.3	.2	.5	5.5
14	14.3	27.6	20.0	77.3	0.0	9.0	9.0	3.1
15	14.0	28.5	19.0	79.0	12.9	0.0	12.9	8.3
16	12.0	28.8	20.6	76.0	2.2	.1	2.3	7.2
17	14.5	28.0	20.8	74.3	.1	6.4	6.5	7.2
18	13.0	28.5	20.9	71.7	.4	.1	.5	8.5
19	12.5	28.0	20.3	72.3	0.0	0.0	0.0	4.5
20	13.5	27.5	19.4	77.3	1.2	0.0	1.2	2.5
21	14.0	27.7	19.6	83.3	31.7	2.4	34.1	5.0
22	14.5	26.0	19.2	84.7	0.0	7.4	7.4	3.5
23	15.0	28.0	19.6	78.0	31.0	1.5	32.5	7.5
24	12.5	28.5	20.6	70.0	0.0	4.2	4.2	6.9
25	14.9	27.6	19.6	78.0	0.0	0.0	0.0	5.4
26	15.5	25.0	18.7	84.7	3.9	3.9	7.8	.9
27	15.0	25.1	19.5	73.0	0.0	0.0	0.0	.8
28	15.5	26.0	19.9	77.0	0.0	0.0	0.0	2.9
29	15.9	26.5	20.4	66.7	0.0	0.0	0.0	.8
30	13.1	25.5	19.1	81.0	0.0	9.7	9.7	4.3
31	15.0	26.5	18.3	83.0	30.0	3.0	33.0	1.9
Total :					157.6	101.5	259.1	139.1
Promedio :	13.9	27.1	19.6	77.3				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	24.0	18.8	85.3	0.0	4.6	4.6	.7
2	11.0	28.0	20.2	76.7	.1	2.2	2.3	7.3
3	16.0	28.5	19.8	80.3	16.7	41.4	58.1	4.9
4	15.0	24.0	18.6	84.7	0.0	0.0	0.0	.4
5	14.5	27.0	20.2	76.3	0.0	25.8	25.8	6.9
6	15.6	27.4	20.0	80.7	0.0	0.0	0.0	4.4
7	16.5	26.5	19.9	78.0	.2	.2	.4	4.1
8	16.1	26.0	20.0	77.0	.3	.3	.6	2.0
9	15.5	25.5	19.6	75.3	1.0	0.0	1.0	2.3
10	13.7	27.0	19.8	80.0	13.7	3.2	16.9	5.9
11	12.6	28.4	20.1	79.7	.5	20.3	20.8	8.8
12	13.4	24.0	18.8	82.3	.3	0.0	.3	1.5
13	12.0	23.3	17.6	90.0	13.2	.2	13.4	2.6
14	14.5	25.0	18.6	82.7	0.0	0.0	0.0	2.0
15	11.8	27.8	18.4	79.0	6.3	2.7	9.0	7.2
16	14.5	27.5	20.0	75.3	0.0	1.0	1.0	5.1
17	15.0	28.5	21.0	72.7	0.0	0.0	0.0	7.3
18	14.0	26.5	19.4	80.0	.8	0.0	.8	4.6
19	15.0	25.0	18.4	79.7	9.8	0.0	9.8	4.5
20	12.6	27.0	19.3	82.7	3.5	0.0	3.5	6.7
21	12.0	25.1	18.6	78.7	0.0	0.0	0.0	4.2
22	12.1	27.7	20.1	96.3	1.7	0.0	1.7	6.6
23	12.0	28.0	20.2	74.7	0.0	0.0	0.0	4.9
24	13.0	27.9	20.0	75.3	0.0	0.0	0.0	5.3
25	14.0	25.0	18.5	83.3	3.8	0.0	3.8	3.5
26	13.9	19.7	17.4	94.7	5.4	0.0	5.4	0.0
27	15.5	24.3	19.2	79.7	0.0	0.0	0.0	3.3
28	12.5	29.5	21.0	67.3	0.0	0.0	0.0	8.1
29	13.8	28.0	19.8	70.3	.3	0.0	.3	4.9
30	14.0	25.5	18.8	82.7	1.8	0.0	1.8	3.3
31								
Total :					79.4	101.9	181.3	133.3
Promedio :	13.9	26.3	19.4	80.0				

Estación : BERTHA
Año : 1997

Dpto. : BOYACA
Mpio. : MONIQUIRA

Latitud : 5 ° 53 ' N
Longitud : 73 ° 34 ' W
Altitud : 1700 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	27.0	20.6	70.3	0.0	0.0	0.0	5.4
2	11.8	27.5	20.4	63.7	0.0	.2	.2	6.5
3	13.5	25.5	18.8	80.0	0.0	.3	.3	5.2
4	13.0	29.0	19.9	66.3	0.0	0.0	0.0	7.7
5	10.5	26.0	19.2	77.3	0.0	0.0	0.0	1.3
6	12.5	27.5	19 0	78.3	1.3	0.0	1.3	5.5
7	14.0	26.0	19.8	77.0	.6	0.0	.6	4.3
8	14.5	27.5	19.6	78.7	6.5	0.0	6.5	5.0
9	13.0	25.5	18.2	82.3	3.3	0.0	3.3	2.4
10	13.4	25.0	19.2	75.7	0.0	0.0	0.0	5.2
11	14.0	26.0	19.6	81.0	.7	0.0	.7	4.3
12	11.0	27.0	19.2	61.7	0.0	0.0	0.0	6.6
13	10.0	25.0	19.8	53.3	0.0	0.0	0.0	7.7
14	14.0	27.5	20.2	60.7	0.0	0.0	0.0	3.8
15	11.0	25.5	18.9	75.7	0.0	0.0	0.0	2.1
16	15.0	25.8	18.4	78.3	20.6	.7	21.3	3.8
17	11.0	25.0	18.0	80.7	2.1	0.0	2.1	4.9
18	13.0	25.4	18.8	68.0	0.0	0.0	0.0	4.7
19	10.5	27.5	19.9	58.7	0.0	0.0	0.0	9.5
20	10.5	29.0	20.2	65.0	0.0	0.0	0.0	5.8
21	11.3	27.0	19.8	62.3	0.0	0.0	0.0	1.6
22	13.5	28.0	20.2	63.7	0.0	0.0	0.0	2.4
23	13.0	27.5	20.8	59.3	0.0	0.0	0.0	9.5
24	17.5	28.0	21.8	47.7	0.0	0.0	0.0	9.2
25	16.5	26.0	21.1	49.0	0.0	0.0	0.0	1.8
26	16.3	29.0	21.8	46.0	0.0	0.0	0.0	9.1
27	15.0	26.0	20.5	57.0	0.0	0.0	0.0	2.2
28	13.5	25.2	18.2	77.0	0.0	0.0	0.0	2.5
29	13.0	24.5	18.5	79.0	1.2	1.3	2.5	1.9
30	12.8	26.8	19.2	79.0	11.4	0.0	11.4	1.8
31	11.5	28.5	18.5	74.7	6.0	.6	6.6	5.0
Total :					53.7	3.1	56.8	148.7
Promedio :	13.0	26.7	19.6	68.6				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.5	29.0	21.2	59.7	0.0	0.0	0.0	7.4
2	11.5	26.5	18.1	75.7	9.1	.3	9.4	4.5
3	13.5	26.0	19.9	59.7	0.0	0.0	0.0	7.3
4	14.5	28.0	21.6	47.3	0.0	0.0	0.0	8.0
5	13.5	26.9	20.6	59.0	0.0	0.0	0.0	3.4
6	13.0	25.5	19.5	59.3	0.0	0.0	0.0	3.4
7	16.0	27.5	20.6	44.3	0.0	0.0	0.0	5.7
8	15.5	26.4	21.1	48.7	0.0	0.0	0.0	5.3
9	15.0	26.0	20.4	54.0	0.0	0.0	0.0	2.2
10	14.0	27.0	18.6	76.7	2.9	.5	3.4	4.8
11	13.8	26.0	18.7	79.0	8.6	.7	9.3	6.2
12	12.0	25.5	19.2	76.3	0.0	0.0	0.0	1.6
13	13.0	26.7	18.4	71.3	0.0	0.0	0.0	1.9
14	12.0	27.5	19.2	76.0	1.5	0.0	1.5	4.3
15	12.0	27.5	19.4	75.3	0.0	0.0	0.0	3.9
16	10.5	29.0	19.6	72.0	.7	0.0	.7	6.8
17	13.0	28.5	19.8	70.3	0.0	0.0	0.0	3.3
18	14.0	26.5	20.2	65.0	0.0	.2	.2	4.7
19	12.5	27.5	18.1	77.7	6.0	0.0	6.0	1.8
20	11.0	27.0	18.6	64.7	0.0	0.0	0.0	5.3
21	13.5	29.5	20.5	68.7	10.2	0.0	10.2	8.0
22	11.5	27.8	19.5	76.3	.7	0.0	.7	6.0
23	10.5	26.5	18.3	76.0	0.0	0.0	0.0	4.3
24	11.0	28.0	19.4	79.3	0.0	0.0	0.0	3.9
25	10.0	30.0	21.5	66.3	.4	3.1	3.5	8.4
26	12.0	29.0	21.0	58.7	0.0	0.0	0.0	5.8
27	18.5	27.0	20.7	55.0	0.0	0.0	0.0	3.3
28	11.5	30.0	20.4	52.7	0.0	0.0	0.0	9.3
29	9.0	29.5	20.2	57.7	0.0	0.0	0.0	8.9
30	12.0	29.0	20.8	69.0	0.0	8.1	8.1	6.8
31	13.0	29.2	19.6	77.0	.1	0.0	.1	8.3
Total :					40.2	12.9	53.1	164.8
Promedio :	12.8	27.6	19.8	66.1				

Estación : BERTHA | **Dpto. : BOYACA** | **Latitud : 5 ° 53 ' N**
Año : 1997 | **Mpio. : MONIQUIRA** | **Longitud : 73 ° 34 ' W**
Altitud : 1700 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.0	27.5	18.2	75.3	5.8	1.3	7.1	2.4
2	14.5	26.0	19.0	82.0	4.0	0.0	4.0	.1
3	11.5	28.5	19.8	76.7	0.0	0.0	0.0	8.1
4	12.5	29.0	20.2	73.7	0.0	0.0	0.0	6.8
5	13.5	28.5	20.2	75.7	.6	18.4	19.0	4.1
6	14.0	27.0	19.5	80.3	.1	.3	.4	2.8
7	14.8	27.0	20.0	77.3	0.0	.2	.2	5.3
8	15.0	27.0	19.6	74.7	5.7	27.4	33.1	3.1
9	15.5	26.0	19.2	80.7	.2	3.4	3.6	4.0
10	15.0	30.0	22.4	70.0	0.0	0.0	0.0	6.5
11	14.0	30.5	21.0	75.7	2.9	0.0	2.9	6.9
12	12.5	29.0	20.2	62.3	0.0	0.0	0.0	6.3
13	13.0	29.5	20.3	68.0	0.0	0.0	0.0	5.6
14	11.0	27.8	19.6	70.0	0.0	0.0	0.0	5.5
15	15.0	29.0	19.9	62.3	0.0	0.0	0.0	3.4
16	10.0	28.5	20.6	54.0	0.0	0.0	0.0	9.0
17	9.5	28.0	19.6	69.7	0.0	2.3	2.3	1.8
18	12.0	26.0	19.4	73.7	.1	.8	.9	1.6
19	15.0	26.5	18.6	80.7	6.2	1.2	7.4	5.3
20	14.6	28.0	19.8	78.0	3.3	.1	3.4	4.3
21	15.0	27.0	19.0	81.7	1.3	0.0	1.3	3.7
22	15.2	28.0	20.4	76.3	.1	31.4	31.5	4.1
23	16.0	26.5	19.4	78.3	.6	2.3	2.9	2.9
24	15.9	25.0	19.8	78.0	0.0	4.6	4.6	2.4
25	16.0	27.0	18.8	80.7	12.8	10.5	23.3	4.0
26	15.0	27.8	20.1	79.7	0.0	.5	.5	4.3
27	14.9	26.7	20.4	75.3	0.0	13.1	13.1	3.0
28	12.0	27.5	20.1	71.0	0.0	0.0	0.0	3.6
29	14.0	25.0	18.2	77.7	0.0	0.0	0.0	2.9
30	9.5	28.1	19.0	76.0	.1	0.0	.1	7.1
31								
Total :					43.8	117.8	161.6	130.9
Promedio :	13.6	27.6	19.7	74.5				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.3	29.0	21.4	71.7	1.0	10.1	11.1	7.2
2	15.5	29.0	20.6	72.0	.5	.6	1.1	5.6
3	16.0	25.5	19.0	76.7	1.3	.1	1.4	1.1
4	11.0	25.0	18.6	76.0	0.0	.7	.7	4.5
5	10.5	28.0	19.8	73.3	0.0	0.0	0.0	7.5
6	9.5	28.5	18.4	78.0	.9	0.0	.9	5.4
7	10.0	28.0	20.1	60.0	0.0	0.0	0.0	6.2
8	12.5	29.8	20.6	50.0	0.0	0.0	0.0	8.3
9	10.0	27.5	19.6	72.0	0.0	27.1	27.1	4.0
10	13.0	28.0	19.6	80.7	1.6	1.7	3.3	5.8
11	14.5	27.6	19.7	79.0	0.0	0.0	0.0	1.3
12	16.2	25.5	19.1	83.3	0.0	4.9	4.9	2.8
13	16.0	25.0	18.4	83.7	.1	10.7	10.8	3.5
14	14.0	26.5	19.4	77.3	0.0	0.0	0.0	5.2
15	14.5	24.0	19.5	80.0	0.0	7.8	7.8	.6
16	14.0	26.5	19.4	79.0	8.7	3.8	12.5	1.2
17	14.7	26.0	18.9	79.0	0.0	.9	.9	1.8
18	15.0	24.2	17.5	88.0	2.9	0.0	2.9	.4
19	12.0	26.8	18.2	79.7	3.7	0.0	3.7	7.6
20	11.4	26.3	17.8	81.3	.4	0.0	.4	6.2
21	11.7	26.5	17.7	80.3	16.9	6.8	23.7	5.3
22	12.8	24.5	18.6	85.0	0.0	9.6	9.6	2.1
23	14.5	26.5	20.2	78.3	.3	0.0	.3	5.8
24	10.0	28.5	19.8	75.0	0.0	0.0	0.0	9.1
25	9.0	29.0	20.6	73.0	0.0	.9	.9	9.9
26	11.5	28.5	20 0	74.0	0.0	0.0	0.0	7.6
27	11.0	27.5	19.2	76.7	0.0	0.0	0.0	5.5
28	11.5	27.5	19.4	78.0	0.0	0.0	0.0	2.5
29	12.0	26.0	19.6	77.3	0.0	.7	.7	3.6
30	13.5	27.2	20.4	75.0	0.0	0.0	0.0	5.9
31	11.0	30.0	19.5	73.0	1.1	2.0	3.1	4.7
Total :					39.4	88.4	127.8	148.2
Promedio :	12.7	27.0	19.4	76.3				

Estación : BERTHA
Año : 1997

Dpto. : BOYACA
Mpio. : MONIQUIRA

Latitud : 5 ° 53 ' N
Longitud : 73 ° 34 ' W
Altitud : 1700 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	29.0	20.8	64.3	0.0	0.0	0.0	6.4
2	13.5	29.0	21.6	73.0	.1	11.0	11.1	8.6
3	15.0	28.8	20.3	76.3	7.0	6.5	13.5	7.1
4	15.0	27.0	20.8	74.7	.2	9.7	9.9	6.1
5	15.5	28.0	19.6	78.3	0.0	12.4	12.4	4.3
6	14.0	29.5	20.7	77.0	2.3	1.4	3.7	6.6
7	16.0	23.6	19.5	86.0	6.4	8.9	15.3	.2
8	15.5	25.0	18.0	87.0	0.0	0.0	0.0	1.6
9	15.0	24.0	18.2	85.7	4.9	33.2	38.1	1.7
10	15.2	24.1	18.8	84.0	.5	16.4	16.9	3.9
11	14.5	28.0	20.6	75.0	0.0	0.0	0.0	9.0
12	16.0	27.5	20.4	75.0	0.0	0.0	0.0	9.2
13	16.5	27.0	19.8	76.3	0.0	0.0	0.0	5.7
14	16.0	26.0	18.4	76.0	0.0	11.1	11.1	4.5
15	14.5	25.0	18.2	76.3	0.0	0.0	0.0	2.2
16	15.5	25.5	19.3	76.7	0.0	4.5	4.5	4.5
17	15.5	26.5	18.8	82.0	2.4	.6	3.0	3.3
18	16.0	28.5	19.6	79.3	15.0	6.0	21.0	7.0
19	13.5	28.0	20.2	74.7	1.5	7.7	9.2	6.3
20	15.5	27.0	19.7	80.0	1.0	1.4	2.4	4.4
21	16.0	27.5	20.4	83.0	1.4	.4	1.8	6.3
22	12.5	29.7	20.4	72.3	0.0	6.9	6.9	8.0
23	11.0	28.0	19.6	73.0	0.0	0.0	0.0	4.9
24	14.1	26.5	19.8	74.7	0.0	0.0	0.0	3.1
25	16.5	25.5	19.6	78.7	1.0	11.0	12.0	3.2
26	16.0	24.5	18.4	80.0	0.0	0.0	0.0	1.2
27	10.5	26.5	18.2	75.0	0.0	0.0	0.0	8.9
28	10.5	29.0	19.5	74.0	0.0	0.0	0.0	7.7
29	12.5	28.5	20.4	73.3	0.0	0.0	0.0	9.1
30	13.0	28.0	20.2	73.0	0.0	0.0	0.0	8.1
31								
Total :					43.7	149.1	192.8	163.1
Promedio :	14.6	27.0	19.7	77.2				

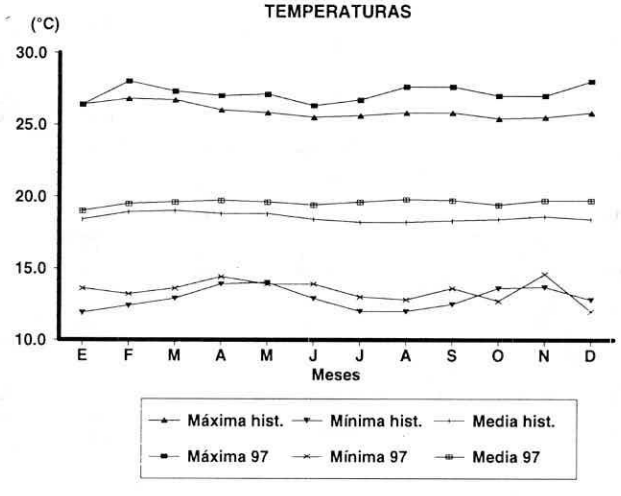
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	27.5	19.1	75.7	0.0	0.0	0.0	9.5
2	15.0	27.3	19.5	78.0	0.0	0.0	0.0	6.0
3	11.0	28.4	18.6	75.0	0.0	0.0	0.0	8.8
4	8.5	28.0	19.0	70.3	0.0	0.0	0.0	7.6
5	9.5	27.5	18.6	75.7	0.0	0.0	0.0	6.3
6	12.0	28.0	20.6	60.0	0.0	0.0	0.0	4.2
7	11.8	27.0	19.4	62.0	0.0	0.0	0.0	4.4
8	13.5	28.0	20.5	61.0	0.0	0.0	0.0	5.9
9	10.5	28.2	18.0	74.7	1.6	0.0	1.6	6.1
10	10.0	27.5	19.0	74.3	0.0	0.0	0.0	7.3
11	10.5	28.9	20.2	71.0	0.0	1.2	1.2	8.9
12	14.0	28.5	20.8	67.7	0.0	0.0	0.0	6.1
13	12.5	29.0	19.8	69.3	0.0	0.0	0.0	9.1
14	13.5	27.0	19.1	72.0	0.0	0.0	0.0	8.9
15	14.1	25.5	19.0	77.7	0.0	.6	.6	3.0
16	15.0	26.0	19.6	73.7	0.0	0.0	0.0	7.1
17	15.5	27.5	20.2	72.3	0.0	0.0	0.0	9.1
18	15.0	26.5	20.5	69.3	0.0	.1	.1	7.6
19	13.7	27.5	20.2	69.3	0.0	0.0	0.0	8.4
20	14.5	27.7	18.9	75.0	0.0	0.0	0.0	7.0
21	8.2	28.4	19.2	70.0	0.0	0.0	0.0	9.2
22	8.8	28.8	19.3	59.0	0.0	0.0	0.0	8.0
23	12.0	29.8	21.6	54.0	0.0	.3	.3	9.7
24	10.0	30.0	20.5	58.7	0.0	0.0	0.0	3.5
25	10.5	29.5	20.4	71.0	0.0	0.0	0.0	8.1
26	11.0	29.0	20.0	67.7	0.0	0.0	0.0	9.6
27	9.5	29.5	19.5	68.7	0.0	0.0	0.0	9.8
28	12.5	29.0	19.4	73.3	1.0	0.0	1.0	8.5
29	9.5	29.9	19.6	67.7	0.0	.2	.2	9.4
30	12.0	26.5	18.7	73.7	0.0	4.8	4.8	4.5
31	13.5	27.5	20.5	70.0	0.0	5.3	5.3	7.5
Total :					2.6	12.5	15.1	229.1
Promedio :	12.0	28.0	19.7	69.6				

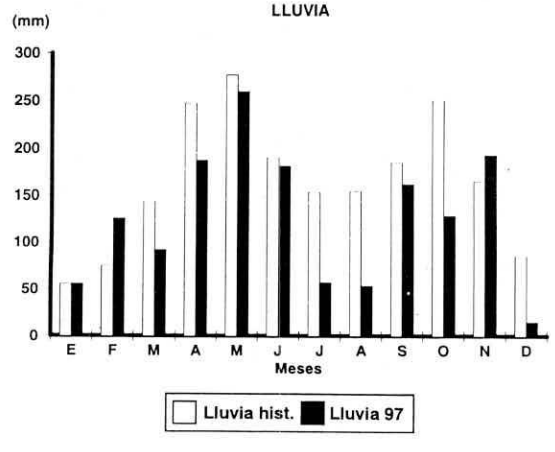
Estación : BERTHA
Año : 1997

Dpto. : BOYACA
Mpio. : MONIQUIRA

Latitud : 5 ° 53 'N
Longitud : 73 ° 34 'W
Altitud : 1700 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	13.6	26.4	19.0	28.0	10.0	66.7	55.7	6	184.0
Febrero	13.2	28.0	19.5	30.3	10.2	64.7	125.0	14	151.1
Marzo	13.6	27.3	19.6	30.0	8.9	71.9	91.6	10	172.8
Abril	14.4	27.0	19.7	29.0	12.0	77.9	187.3	24	143.5
Mayo	13.9	27.1	19.6	29.1	10.8	77.3	259.1	22	139.1
Junio	13.9	26.3	19.4	29.5	11.0	80.0	181.3	21	133.3
Julio	13.0	26.7	19.6	29.0	10.0	68.6	56.8	12	148.7
Agosto	12.8	27.6	19.8	30.0	9.0	66.1	53.1	12	164.8
Septiembre	13.6	27.6	19.7	30.5	9.5	74.5	161.6	20	130.9
Octubre	12.7	27.0	19.4	30.0	9.0	76.3	127.8	21	148.2
Noviembre	14.6	27.0	19.7	29.7	10.5	77.2	192.8	17	163.1
Diciembre	12.0	28.0	19.7	30.0	8.2	69.6	15.1	9	229.1
Promedio :	13.4	27.2	19.6			72.6			
Absoluta :				30.5	8.2				
Total :							1507.2	188	1908.6





Estación : RAFAEL ESCOBAR
Año : 1997

Dpto. : CALDAS
Mpio. : SUPIA

Latitud : 5 ° 28 ' N
Longitud : 75 ° 39 ' W
Altitud : 1320 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	22.9	19.1	86.3	13.9	.1	14.0	.3
2	17.1	26.0	21.0	82.3	.1	15.2	15.3	4.8
3	17.6	26.7	21.1	79.3	0.0	.2	.2	5.5
4	17.0	28.1	21.2	75.7	0.0	0.0	0.0	7.4
5	16.9	28.0	21.5	72.0	0.0	1.5	1.5	8.0
6	17.8	27.9	21.7	72.3	0.0	52.9	52.9	6.1
7	17.0	25.2	20.1	84.7	1.8	0.0	1.8	.6
8	16.7	28.0	21.7	75.0	0.0	12.4	12.4	9.1
9	17.4	27.0	21.6	77.3	.1	19.5	19.6	4.3
10	15.9	24.2	19.4	84.7	9.7	19.7	29.4	.7
11	16.1	26.1	20.4	82.3	.3	0.0	.3	3.0
12	17.0	27.5	21.5	76.7	0.0	5.1	5.1	4.8
13	17.1	27.3	21.9	77.3	0.0	0.0	0.0	7.5
14	16.3	27.9	21.6	65.7	0.0	0.0	0.0	7.2
15	16.0	28.4	22.0	66.7	0.0	4.3	4.3	9.4
16	16.8	27.0	21.0	79.3	.1	3.9	4.0	6.2
17	17.8	25.8	20.7	81.3	2.5	0.0	2.5	4.1
18	17.8	28.2	22.1	75.7	0.0	0.0	0.0	8.9
19	15.0	27.6	21.9	57.7	0.0	0.0	0.0	10.2
20	16.6	26.0	20.8	75.7	0.0	0.0	0.0	2.5
21	17.2	27.2	21.9	72.0	0.0	9.4	9.4	1.9
22	15.9	28.0	21.8	71.0	0.0	5.4	5.4	6.9
23	17.5	26.7	19.9	83.3	.8	2.7	3.5	3.4
24	15.8	26.7	20.7	73.0	0.0	5.3	5.3	5.6
25	17.4	26.2	21.2	77.3	1.0	.5	1.5	3.8
26	17.9	27.0	20.3	81.3	.9	3.4	4.3	5.8
27	16.2	26.7	20.6	77.0	0.0	0.0	0.0	7.0
28	16.0	27.9	21.6	71.3	0.0	0.0	0.0	8.2
29	17.4	27.9	22.2	72.0	0.0	0.0	0.0	6.9
30	17.2	28.4	22.0	73.3	0.0	4.4	4.4	9.6
31	16.9	26.9	21.8	72.7	0.0	7.5	7.5	5.2
Total :					31.2	173.4	204.6	174.9
Promedio :	16.9	26.9	21.2	75.9				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	27.3	21.7	75.3	0.0	19.8	19.8	5.9
2	16.4	27.2	21.1	79.0	2.0	0.0	2.0	7.3
3	16.5	27.8	21.1	72.7	0.0	0.0	0.0	6.3
4	15.1	25.5	19.1	84.3	2.0	0.0	2.0	4.7
5	15.0	27.7	21.0	74.0	0.0	8.2	8.2	7.6
6	16.8	27.3	19.9	81.0	18.7	15.2	33.9	6.2
7	16.5	26.3	20.4	80.0	5.4	.1	5.5	4.1
8	17.2	24.8	20.5	82.0	0.0	0.0	0.0	1.6
9	17.0	27.0	21.8	76.7	0.0	10.4	10.4	5.1
10	15.8	25.5	20.0	80.3	0.0	0.0	0.0	4.6
11	17.3	24.6	20.6	81.3	0.0	1.3	1.3	1.2
12	17.0	27.2	21.5	79.7	.6	9.1	9.7	4.2
13	15.3	27.0	20.9	82.7	0.0	0.0	0.0	6.4
14	16.3	28.9	23.0	74.0	0.0	0.0	0.0	8.3
15	18.8	29.5	22.8	79.3	0.0	0.0	0.0	5.2
16	18.1	27.6	21.4	82.0	0.0	1.1	1.1	4.8
17	18.0	28.8	20.5	84.0	12.1	.1	12.2	5.1
18	16.1	29.0	22.0	74.3	0.0	0.0	0.0	7.2
19	17.2	29.1	22.9	70.7	0.0	6.4	6.4	8.2
20	18.3	28.4	22.7	73.7	0.0	10.1	10.1	5.9
21	18.1	29.0	23.2	73.3	0.0	.6	.6	7.6
22	18.4	30.0	23.6	75.0	7.8	26.5	34.3	6.7
23	16.2	27.7	22.1	77.3	0.0	0.0	0.0	2.8
24	18.4	28.3	22.9	76.0	0.0	.4	.4	3.1
25	18.1	25.9	21.3	84.0	0.0	0.0	0.0	.2
26	17.0	29.7	23.2	72.3	0.0	0.0	0.0	6.9
27	18.2	30.4	24.2	67.7	0.0	0.0	0.0	8.8
28	19.5	30.0	23.2	67.3	0.0	0.0	0.0	5.8
29								
30								
31								
Total :					48.6	109.3	157.9	151.8
Promedio :	17.1	27.8	21.7	77.1				

Estación : RAFAEL ESCOBAR **Dpto. : CALDAS** **Latitud : 5 ° 28 ' N**
Año : 1997 **Mpio. : SUPIA** **Longitud : 75 ° 39 ' W**
Altitud : 1320 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.4	26.0	22.1	80.7	0.0	2.4	2.4	.8
2	18.8	29.6	22.5	78.7	.1	8.8	8.9	5.2
3	18.4	28.2	22.9	74.3	0.0	0.0	0.0	5.4
4	16.8	29.5	23.3	66.3	0.0	1.0	1.0	9.4
5	17.0	24.5	20.0	80.7	0.0	0.0	0.0	1.7
6	16.0	28.9	22.4	71.0	0.0	0.0	0.0	7.7
7	16.0	30.0	23.0	58.3	0.0	0.0	0.0	10.2
8	16.2	30.8	23.2	63.3	0.0	0.0	0.0	7.7
9	17.0	30.4	24.2	66.3	0.0	10.5	10.5	8.9
10	18.0	30.9	22.2	77.0	2.7	1.2	3.9	7.1
11	18.5	29.5	23.9	70.0	.9	3.3	4.2	6.8
12	18.6	29.3	23.0	74.3	0.0	16.7	16.7	5.2
13	17.1	20.0	18.6	95.0	6.5	0.0	6.5	0.0
14	15.5	28.7	22.4	73.3	0.0	0.0	0.0	8.5
15	17.5	29.9	24.0	64.7	0.0	5.0	5.0	9.8
16	18.6	27.5	21.7	76.3	0.0	17.3	17.3	1.9
17	18.1	23.9	20.2	86.0	.9	9.2	10.1	.2
18	18.2	26.0	19.9	90.7	6.4	9.7	16.1	1.3
19	17.2	24.5	19.6	87.3	4.2	0.0	4.2	1.5
20	16.3	25.0	20.5	82.3	0.0	0.0	0.0	1.3
21	17.3	25.4	19.6	85.0	2.2	0.0	2.2	.7
22	16.9	27.9	22.2	67.7	1.6	.9	2.5	7.8
23	17.4	27.9	21.7	72.7	1.0	0.0	1.0	5.8
24	16.7	29.3	22.8	62.7	0.0	0.0	0.0	10.1
25	17.1	28.8	22.7	62.7	0.0	0.0	0.0	9.9
26	16.5	28.4	21.7	65.3	0.0	0.0	0.0	7.7
27	17.2	29.5	22.6	64.7	0.0	0.0	0.0	8.7
28	17.2	28.4	22.3	66.3	0.0	0.0	0.0	6.4
29	16.0	28.1	22.6	72.0	0.0	0.0	0.0	5.0
30	17.0	28.0	22.4	73.3	0.0	3.1	3.1	5.2
31	17.3	27.3	21.6	76.0	0.0	.2	.2	4.6
Total :					26.5	89.3	115.8	172.5
Promedio :	17.3	27.8	22.0	73.7				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.5	20.2	81.3	5.3	19.6	24.9	3.2
2	16.6	29.5	23.0	66.0	0.0	1.4	1.4	7.9
3	16.7	30.2	22.4	71.7	4.2	18.6	22.8	7.8
4	16.6	27.2	20.5	77.7	0.0	0.0	0.0	4.3
5	17.0	28.7	23.1	74.7	0.0	0.0	0.0	8.0
6	18.0	29.7	21.9	81.0	4.5	.6	5.1	7.2
7	16.9	27.6	21.7	78.7	0.0	0.0	0.0	4.9
8	18.1	27.1	22.7	75.0	0.0	13.6	13.6	4.3
9	16.8	27.9	22.1	73.0	0.0	0.0	0.0	4.4
10	18.0	27.0	22.4	76.7	0.0	.5	.5	.7
11	19.0	26.4	21.9	84.7	.4	0.0	.4	.5
12	17.9	30.2	21.9	79.0	5.8	0.0	5.8	7.3
13	19.0	27.7	22.6	79.0	0.0	0.0	0.0	1.6
14	18.5	28.0	22.0	79.7	0.0	0.0	0.0	3.3
15	18.2	29.0	22.3	73.3	0.0	0.0	0.0	4.8
16	17.4	29.7	23.5	67.7	0.0	28.3	28.3	6.2
17	17.0	26.4	21.2	86.0	.6	6.0	6.6	2.1
18	18.0	25.8	21.3	84.3	.4	0.0	.4	.2
19	17.7	27.6	21.8	81.0	.1	33.3	33.4	2.8
20	16.7	23.3	19.5	88.7	1.0	7.1	8.1	.3
21	17.8	27.2	21.6	80.0	0.0	13.7	13.7	3.8
22	17.5	22.1	18.5	97.3	5.4	.3	5.7	0.0
23	16.8	25.5	21.0	81.7	0.0	.8	.8	2.9
24	17.0	28.0	21.5	73.0	.6	.2	.8	4.5
25	17.1	25.6	20.4	83.7	.6	0.0	.6	2.1
26	16.9	27.5	21.6	78.0	0.0	16.4	16.4	3.2
27	18.0	26.9	21.9	78.3	0.0	21.0	21.0	6.7
28	16.1	27.2	21.4	79.0	0.0	0.0	0.0	5.6
29	17.6	28.5	22.9	71.3	0.0	0.0	0.0	8.9
30	17.8	27.4	21.7	75.3	0.0	0.0	0.0	2.2
31								
Total :					28.9	181.4	210.3	121.7
Promedio :	17.5	27.4	21.7	78.6				

Estación : RAFAEL ESCOBAR **Dpto. : CALDAS** **Latitud : 5 ° 28 ' N**
Año : 1997 **Mpio. : SUPIA** **Longitud : 75 ° 39 ' W**
Altitud : 1320 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	27.9	21.9	74.7	0.0	0.0	0.0	6.2
2	17.7	27.1	22.2	78.0	0.0	0.0	0.0	3.3
3	17.8	29.0	23.4	69.0	0.0	.4	.4	8.0
4	18.2	28.1	22.4	75.7	0.0	0.0	0.0	2.9
5	17.0	29.3	22.8	71.3	0.0	0.0	0.0	9.6
6	18.7	28.2	22.4	78.7	0.0	.6	.6	4.1
7	18.9	29.4	22.3	75.7	1.0	0.0	1.0	3.1
8	16.5	29.4	22.7	69.0	0.0	0.0	0.0	8.3
9	18.0	27.4	22.0	79.3	0.0	31.6	31.6	3.7
10	17.4	28.0	22.4	74.7	0.0	20.1	20.1	5.3
11	16.1	22.7	19.2	88.0	.6	0.0	.6	0.0
12	16.4	27.2	21.2	74.7	0.0	3.3	3.3	6.5
13	18.0	26.5	22.0	78.7	0.0	0.0	0.0	1.1
14	17.9	26.9	21.8	80.3	0.0	1.8	1.8	3.9
15	18.0	27.1	21.3	84.3	0.0	0.0	0.0	4.5
16	18.5	28.5	21.9	78.3	.6	0.0	.6	5.5
17	18.3	28.5	22.8	77.3	.6	0.0	.6	8.0
18	18.1	29.8	23.7	70.7	0.0	0.0	0.0	9.6
19	19.8	29.0	23.2	75.3	0.0	0.0	0.0	5.0
20	18.3	28.2	23.3	70.0	0.0	0.0	0.0	6.1
21	18.4	30.0	22.3	79.3	4.1	21.5	25.6	7.3
22	18.0	27.0	21.5	83.0	.3	0.0	.3	3.9
23	17.5	29.0	24.2	69.3	0.0	0.0	0.0	9.2
24	19.2	28.5	23.3	76.3	0.0	0.0	0.0	4.7
25	18.7	27.0	20.6	83.3	4.4	11.5	15.9	2.9
26	18.0	22.4	19.2	93.0	25.7	0.0	25.7	.2
27	17.5	27.0	21.5	82.7	0.0	0.0	0.0	2.2
28	19.0	26.6	22.2	81.3	5.1	1.7	6.8	4.3
29	19.0	27.5	22.2	80.0	0.0	0.0	0.0	5.2
30	19.3	27.2	22.2	83.0	0.0	0.0	0.0	1.7
31	18.8	26.9	21.9	81.0	0.0	6.4	6.4	2.9
Total :					42.4	98.9	141.3	149.2
Promedio :	18.0	27.7	22.1	77.9				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.1	27.5	21.8	78.7	0.0	0.0	0.0	4.5
2	18.6	27.9	22.9	71.7	0.0	0.0	0.0	6.4
3	18.8	28.8	22.5	79.0	21.1	1.6	22.7	5.5
4	16.2	19.3	18.0	94.7	14.9	0.0	14.9	0.0
5	16.7	25.7	20.9	71.0	0.0	0.0	0.0	6.4
6	18.1	26.5	21.8	80.3	0.0	39.7	39.7	4.0
7	17.2	22.9	19.6	91.3	1.8	13.1	14.9	0.0
8	16.6	24.4	20.0	82.0	0.0	0.0	0.0	3.2
9	17.4	27.5	20.3	79.7	0.0	.4	.4	3.5
10	16.7	26.5	21.5	76.3	0.0	0.0	0.0	4.7
11	18.2	27.5	22.7	77.0	0.0	21.7	21.7	6.4
12	17.2	27.0	20.8	79.0	0.0	0.0	0.0	5.7
13	17.2	25.9	21.4	76.7	0.0	0.0	0.0	3.6
14	18.1	28.0	22.0	77.3	0.0	0.0	0.0	4.1
15	17.8	28.1	22.7	72.3	0.0	0.0	0.0	8.6
16	18.2	27.9	23.0	76.7	0.0	2.1	2.1	6.0
17	16.9	26.7	21.5	76.3	0.0	0.0	0.0	4.7
18	18.9	27.7	22.5	79.0	0.0	.4	.4	3.8
19	17.5	24.5	20.1	85.3	0.0	0.0	0.0	.8
20	16.8	27.9	22.4	72.0	0.0	0.0	0.0	9.6
21	17.9	28.2	22.6	72.0	0.0	0.0	0.0	8.0
22	17.5	31.3	23.7	65.7	0.0	0.0	0.0	9.8
23	18.1	29.8	23.7	72.3	0.0	0.0	0.0	9.5
24	19.1	26.8	22.2	80.7	0.0	0.0	0.0	.8
25	19.0	26.3	21.4	81.7	1.2	.3	1.5	3.2
26	18.0	25.9	20.0	84.0	1.9	.1	2.0	1.5
27	17.2	27.2	21.3	75.0	0.0	0.0	0.0	3.7
28	16.0	29.0	22.5	69.0	0.0	22.4	22.4	7.8
29	15.8	27.6	22.1	75.0	0.0	10.6	10.6	8.5
30	17.1	26.8	21.6	77.0	.1	6.7	6.8	4.9
31								
Total :					41.0	119.1	160.1	149.2
Promedio :	17.6	26.9	21.6	77.6				

Estación : RAFAEL ESCOBAR
Año : 1997

Dpto. : CALDAS
Mpio. : SUPIA

Latitud : 5 ° 28 ' N
Longitud : 75 ° 39 ' W
Altitud : 1320 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	26.9	21.8	78.0	.4	0.0	.4	6.3
2	16.2	28.4	22.2	74.7	0.0	0.0	0.0	10.3
3	17.3	26.9	21.7	75.7	0.0	0.0	0.0	4.3
4	16.7	28.9	22.5	65.0	0.0	0.0	0.0	10.7
5	16.9	30.0	23.2	65.0	0.0	0.0	0.0	8.9
6	17.5	31.1	24.0	63.7	0.0	0.0	0.0	10.1
7	18.9	28.9	23.5	72.3	0.0	0.0	0.0	9.2
8	17.7	29.4	22.6	73.7	0.0	0.0	0.0	6.2
9	19.0	26.5	21.5	75.0	0.0	0.0	0.0	4.5
10	18.2	28.7	23.3	68.3	0.0	0.0	0.0	6.5
11	17.8	28.2	23.2	69.7	0.0	0.0	0.0	6.8
12	18.0	28.6	22.6	67.0	0.0	0.0	0.0	9.8
13	16.4	31.2	23.5	56.3	0.0	0.0	0.0	10.1
14	17.7	29.5	22.8	59.0	0.0	0.0	0.0	6.4
15	17.4	28.2	23.0	68.0	0.0	12.9	12.9	5.2
16	18.5	27.9	22.8	73.0	0.0	0.0	0.0	5.1
17	17.9	30.5	23.7	65.3	0.0	0.0	0.0	10.0
18	18.2	30.8	24.4	57.7	0.0	0.0	0.0	10.1
19	17.5	31.3	24.2	55.0	0.0	0.0	0.0	10.0
20	17.0	30.7	23.6	53.7	0.0	0.0	0.0	9.1
21	17.1	29.9	23.6	59.7	0.0	0.0	0.0	9.3
22	18.2	29.0	22.5	70.3	0.0	0.0	0.0	2.4
23	16.7	33.9	26.5	48.0	0.0	0.0	0.0	8.2
24	18.0	33.4	26.2	48.3	0.0	0.0	0.0	8.2
25	19.0	28.9	23.4	58.7	0.0	0.0	0.0	1.0
26	17.5	32.7	24.9	56.0	0.0	0.0	0.0	8.5
27	18.2	28.5	23.0	68.7	0.0	0.0	0.0	1.2
28	17.1	27.4	21.6	70.3	0.0	0.0	0.0	2.2
29	17.6	30.0	22.8	71.3	.1	4.4	4.5	6.8
30	17.3	28.5	22.6	73.7	0.0	0.0	0.0	5.7
31	18.0	31.5	21.7	73.3	2.4	7.6	10.0	10.0
Total :					2.9	24.9	27.8	223.1
Promedio :	17.7	29.6	23.2	65.6				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	32.4	24.0	56.7	0.0	0.0	0.0	8.7
2	18.3	29.4	23.9	61.0	0.0	0.0	0.0	5.9
3	18.2	31.5	24.4	55.7	0.0	0.0	0.0	8.5
4	16.8	32.9	24.5	50.0	0.0	0.0	0.0	9.7
5	17.8	33.0	26.4	44.7	0.0	0.0	0.0	8.3
6	19.8	32.9	25.7	47.7	0.0	0.0	0.0	8.9
7	19.7	32.1	25.5	50.0	0.0	0.0	0.0	6.4
8	17.8	32.2	24.7	48.3	0.0	0.0	0.0	6.9
9	18.0	27.6	21.8	69.0	.3	0.0	.3	1.8
10	16.5	30.0	22.5	60.0	0.0	0.0	0.0	7.0
11	17.6	31.0	24.0	60.7	0.0	0.0	0.0	4.8
12	18.1	30.6	24.5	62.3	0.0	0.0	0.0	6.0
13	19.5	30.5	23.6	65.0	0.0	0.0	0.0	2.1
14	18.2	30.1	23.0	72.0	0.0	0.0	0.0	4.6
15	17.4	33.5	26.1	49.7	0.0	0.0	0.0	8.0
16	17.9	32.7	25.6	53.7	0.0	0.0	0.0	10.2
17	18.4	33.0	24.2	63.0	0.0	0.0	0.0	5.3
18	18.0	32.5	24.4	59.7	0.0	0.0	0.0	7.4
19	18.5	29.5	21.3	80.0	2.1	0.0	2.1	3.3
20	16.9	33.0	25.6	48.3	0.0	0.0	0.0	9.5
21	17.4	33.7	25.0	37.0	0.0	0.0	0.0	9.9
22	20.0	31.0	24.6	53.3	0.0	0.0	0.0	6.5
23	18.2	29.9	24.0	61.3	0.0	0.0	0.0	8.0
24	18.5	32.7	25.3	57.7	0.0	0.0	0.0	7.0
25	18.0	34.0	25.8	59.0	0.0	0.0	0.0	9.0
26	19.5	33.1	26.0	58.7	0.0	0.0	0.0	5.6
27	19.0	30.3	24.6	60.3	0.0	0.0	0.0	1.8
28	18.0	33.4	26.5	40.0	0.0	0.0	0.0	10.6
29	17.9	33.7	25.0	45.0	0.0	0.0	0.0	10.3
30	17.1	31.5	24.1	52.0	0.0	0.0	0.0	7.5
31	17.8	31.9	24.8	59.3	0.0	0.0	0.0	7.7
Total :					2.4	0.0	2.4	217.2
Promedio :	18.1	31.8	24.6	56.2				

Estación : RAFAEL ESCOBAR
Año : 1997

Dpto. : CALDAS
Mpio. : SUPIA

Latitud : 5 ° 28 ' N
Longitud : 75 ° 39 ' W
Altitud : 1320 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.1	30.0	24.1	64.3	0.0	25.5	25.5	2.3
2	15.9	28.7	21.4	77.7	1.0	.4	1.4	3.6
3	16.0	29.2	22.8	63.7	0.0	0.0	0.0	7.0
4	17.0	32.5	22.5	65.0	2.2	0.0	2.2	8.8
5	17.8	30.0	23.6	66.7	0.0	30.5	30.5	3.6
6	15.9	27.5	21.4	73.7	0.0	7.7	7.7	5.8
7	17.2	27.9	21.8	73.0	.6	21.8	22.4	4.5
8	17.2	28.5	21.9	71.0	0.0	5.6	5.6	6.5
9	17.8	26.6	21.7	75.0	0.0	.3	.3	2.5
10	17.8	30.9	23.6	69.3	0.0	0.0	0.0	6.7
11	19.0	29.6	24.4	64.7	0.0	0.0	0.0	6.9
12	18.4	30.0	23.8	66.7	0.0	0.0	0.0	6.9
13	18.3	30.8	24.0	63.3	0.0	0.0	0.0	7.0
14	18.4	30.8	24.0	64.0	0.0	0.0	0.0	6.4
15	18.4	31.5	24.2	59.7	0.0	0.0	0.0	8.0
16	19.0	30.7	24.5	63.3	0.0	0.0	0.0	3.5
17	18.6	29.4	23.6	63.0	0.0	0.0	0.0	4.7
18	17.7	30.4	24.0	63.0	0.0	0.0	0.0	6.9
19	18.9	30.9	23.4	69.3	0.0	4.2	4.2	3.5
20	17.0	27.1	21.4	79.3	.1	2.6	2.7	2.5
21	18.6	28.9	22.5	70.0	0.0	28.4	28.4	5.7
22	16.2	27.0	20.8	77.7	0.0	2.4	2.4	3.1
23	17.2	27.6	21.7	74.0	0.0	13.0	13.0	3.7
24	17.5	27.1	21.2	82.7	.3	7.8	8.1	1.7
25	17.6	28.5	21.6	82.3	.9	2.3	3.2	5.5
26	18.2	28.5	22.0	76.3	0.0	0.0	0.0	5.2
27	17.8	28.7	22.1	75.0	.7	0.0	.7	4.0
28	17.4	28.7	22.0	72.0	0.0	0.0	0.0	4.5
29	16.7	29.2	23.3	66.0	0.0	0.0	0.0	7.6
30	16.8	30.5	23.2	63.0	0.0	2.6	2.6	8.7
31								
Total :					5.8	155.1	160.9	157.3
Promedio :	17.6	29.3	22.8	69.8				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	27.3	21.7	77.7	0.0	0.0	0.0	3.7
2	18.7	28.9	21.3	80.3	9.7	4.4	14.1	4.9
3	17.9	25.2	20.3	87.0	3.8	0.0	3.8	.4
4	16.7	28.8	22.7	71.0	0.0	36.3	36.3	7.4
5	16.8	27.0	20.8	78.3	0.0	0.0	0.0	4.0
6	17.0	29.0	22.1	73.7	0.0	0.0	0.0	8.2
7	16.7	29.4	23.3	66.3	0.0	0.0	0.0	7.5
8	18.2	28.0	23.2	71.0	0.0	0.0	0.0	5.7
9	17.6	29.2	23.1	66.7	0.0	23.5	23.5	8.0
10	18.4	28.0	22.4	72.3	0.0	7.5	7.5	7.5
11	18.5	26.5	21.7	75.7	0.0	14.1	14.1	3.1
12	18.1	28.0	22.3	70.0	0.0	5.9	5.9	6.1
13	17.7	26.5	21.0	80.0	4.7	5.6	10.3	6.4
14	17.8	27.6	22.3	68.3	0.0	0.0	0.0	5.9
15	17.8	26.7	21.9	69.3	0.0	0.0	0.0	5.2
16	18.0	28.4	22.4	70.7	0.0	15.1	15.1	6.1
17	16.0	26.7	20.6	75.7	0.0	9.5	9.5	5.7
18	17.0	27.9	19.8	84.3	29.0	3.0	32.0	4.7
19	16.0	27.2	21.6	79.7	0.0	0.0	0.0	5.3
20	18.4	29.0	23.1	69.3	0.0	45.0	45.0	9.4
21	16.9	27.9	21.8	79.0	1.6	22.6	24.2	8.0
22	17.5	27.2	22.4	73.0	0.0	0.0	0.0	7.7
23	18.5	29.5	23.2	72.7	0.0	0.0	0.0	8.6
24	18.9	30.1	23.8	68.3	0.0	0.0	0.0	9.9
25	17.5	28.9	23.2	70.7	0.0	0.0	0.0	9.6
26	20.1	29.5	23.9	74.3	0.0	0.0	0.0	9.4
27	18.4	29.8	22.4	78.3	4.0	0.0	4.0	7.4
28	18.2	27.5	22.8	73.7	0.0	.2	.2	4.7
29	19.2	27.5	22.5	74.7	0.0	0.0	0.0	4.4
30	18.5	29.9	23.3	72.7	0.0	0.0	0.0	6.5
31	18.7	28.5	22.3	74.7	.6	0.0	.6	6.1
Total :					53.4	192.7	246.1	197.5
Promedio :	17.9	28.1	22.2	74.2				

Estación : RAFAEL ESCOBAR
Año : 1997

Dpto. : CALDAS
Mpio. : SUPIA

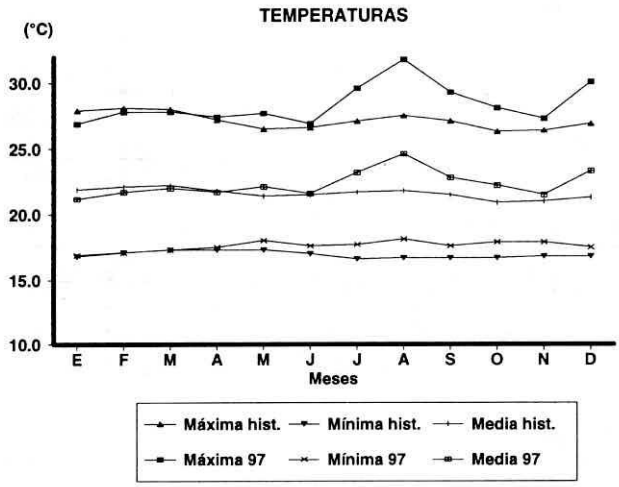
Latitud : 5 ° 28 ' N
Longitud : 75 ° 39 ' W
Altitud : 1320 m

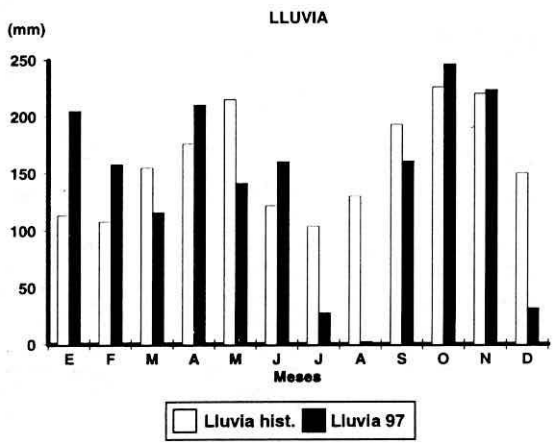
Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	18.7	28.0	21.8	77.3	0.0	0.0	0.0	2.7
2	18.0	30.2	23.6	65.3	0.0	0.0	0.0	8.6
3	19.0	27.7	22.6	76.3	0.0	0.0	0.0	1.8
4	19.0	28.4	21.9	82.0	.5	3.5	4.0	4.6
5	18.7	28.0	22.5	76.7	0.0	0.0	0.0	3.0
6	19.2	28.8	21.6	84.3	18.0	1.4	19.4	3.1
7	17.9	27.8	21.4	83.0	10.1	16.9	27.0	3.6
8	18.1	25.4	20.2	87.7	12.3	3.0	15.3	.9
9	17.5	23.8	20.0	86.0	1.6	26.5	28.1	.1
10	17.4	26.1	21.1	83.7	0.0	1.8	1.8	2.6
11	17.7	27.7	21.8	76.7	0.0	29.4	29.4	4.9
12	18.1	27.5	20.9	82.0	6.1	0.0	6.1	5.7
13	18.0	25.3	20.3	83.3	0.0	19.3	19.3	5.9
14	17.2	25.2	19.1	94.3	3.7	5.9	9.6	2.2
15	16.8	24.3	19.2	89.7	.8	11.8	12.6	1.1
16	16.0	26.2	20.7	77.7	0.0	0.0	0.0	6.6
17	17.9	26.5	20.7	82.0	3.5	0.0	3.5	3.5
18	18.2	27.7	21.9	74.7	0.0	.1	.1	3.9
19	17.7	27.7	22.0	75.0	0.0	.3	.3	5.7
20	18.1	27.6	21.6	78.3	0.0	0.0	0.0	5.1
21	17.9	28.5	23.0	75.3	0.0	0.0	0.0	6.9
22	18.5	28.8	23.6	69.3	0.0	0.0	0.0	9.3
23	19.5	28.5	22.6	76.0	0.0	5.4	5.4	5.6
24	18.7	27.5	22.4	75.0	0.0	20.6	20.6	5.4
25	18.0	26.4	20.8	83.3	2.7	0.0	2.7	3.8
26	16.9	24.3	20.0	81.0	0.0	0.0	0.0	.6
27	18.4	28.8	21.9	76.0	0.0	0.0	0.0	5.8
28	16.6	29.5	22.5	69.7	0.0	0.0	0.0	8.3
29	18.0	29.0	22.1	77.0	0.0	0.0	0.0	8.1
30	16.5	28.5	21.5	74.0	0.0	18.3	18.3	6.2
31								
Total :					59.3	164.2	223.5	135.6
Promedio :	17.9	27.3	21.5	79.1				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.6	28.8	22.0	78.0	0.0	10.4	10.4	4.9
2	17.6	27.5	21.2	83.0	.4	0.0	.4	4.9
3	18.2	28.2	22.4	71.3	0.0	0.0	0.0	7.8
4	16.1	29.5	22.3	70.0	0.0	0.0	0.0	9.5
5	17.7	30.2	23.2	70.0	0.0	0.0	0.0	9.1
6	17.8	30.0	23.6	69.3	0.0	0.0	0.0	8.7
7	17.4	30.4	23.3	70.3	0.0	0.0	0.0	8.7
8	16.8	30.2	22.0	73.7	0.0	0.0	0.0	6.5
9	16.8	29.8	22.9	67.7	0.0	0.0	0.0	10.0
10	18.0	29.6	23.2	68.3	0.0	0.0	0.0	9.8
11	18.3	30.4	23.8	70.0	0.0	3.6	3.6	8.6
12	18.8	29.7	23.7	68.0	0.0	0.0	0.0	7.6
13	18.0	30.0	23.7	62.0	0.0	0.0	0.0	9.2
14	18.2	30.0	23.7	65.0	0.0	0.0	0.0	8.2
15	18.0	25.5	21.0	81.7	0.0	0.0	0.0	1.4
16	17.5	29.9	23.2	66.7	0.0	0.0	0.0	7.1
17	17.0	30.0	23.0	69.0	0.0	0.0	0.0	9.9
18	17.1	30.0	23.1	66.0	0.0	0.0	0.0	5.7
19	16.0	30.5	23.5	65.0	0.0	0.0	0.0	9.3
20	18.0	30.8	24.0	66.0	0.0	0.0	0.0	9.3
21	18.0	30.4	23.4	67.3	0.0	0.0	0.0	9.0
22	17.1	31.7	24.2	61.3	0.0	0.0	0.0	9.7
23	17.0	31.9	24.2	58.7	0.0	0.0	0.0	10.0
24	17.3	30.7	23.8	66.0	0.0	0.0	0.0	8.4
25	17.6	30.9	23.6	67.7	0.0	0.0	0.0	7.9
26	17.3	31.5	24.2	65.0	0.0	0.0	0.0	9.6
27	17.6	30.9	23.8	64.3	0.0	0.0	0.0	10.0
28	17.8	31.4	24.2	65.0	0.0	0.0	0.0	10.1
29	18.8	31.8	24.6	60.7	0.0	0.0	0.0	8.8
30	17.2	30.2	23.7	65.3	0.0	0.0	0.0	7.8
31	16.9	31.6	22.7	75.3	17.5	.1	17.6	8.2
Total :					17.9	14.1	32.0	255.7
Promedio :	17.5	30.1	23.3	68.3				

Estación : RAFAEL ESCOBAR **Dpto. :** CALDAS **Latitud :** 5 ° 28 'N
Año : 1997 **Mpio. :** SUPIA **Longitud :** 75 ° 39 'W
Altitud : 1320 **m**

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.9	26.9	21.2	28.4	15.0	75.9	204.6	22	174.9
Febrero	17.1	27.8	21.7	30.4	15.0	77.1	157.9	16	151.8
Marzo	17.3	27.8	22.0	30.9	15.5	73.7	115.8	18	172.5
Abril	17.5	27.4	21.7	30.2	16.1	78.6	210.3	20	121.7
Mayo	18.0	27.7	22.1	30.0	16.1	77.9	141.3	16	149.2
Junio	17.6	26.9	21.6	31.3	15.8	77.6	160.1	13	149.2
Julio	17.7	29.6	23.2	33.9	16.2	65.6	27.8	4	223.1
Agosto	18.1	31.8	24.6	34.0	16.5	56.2	2.4	2	217.2
Septiembre	17.6	29.3	22.8	32.5	15.9	69.8	160.9	17	157.3
Octubre	17.9	28.1	22.2	30.1	16.0	74.2	246.1	16	197.5
Noviembre	17.9	27.3	21.5	30.2	16.0	79.1	223.5	18	135.6
Diciembre	17.5	30.1	23.3	31.9	16.0	68.3	32.0	4	255.7
Promedio :	17.6	28.4	22.3			72.8			
Absoluta :				34.0	15.0				
Total :							1682.7	166	2105.7





Estación : SANTA HELENA
Año : 1997

Dpto. : CALDAS
Mpio. : MARQUETALIA

Latitud : 5 ° 19 ' N
Longitud : 75 ° 0 ' W
Altitud : 1450 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	20.5	18.5	93.7	.1	0.0	.1	0.0
2	17.0	19.4	17.9	90.0	.6	0.0	.6	.1
3	17.5	21.0	18.8	90.0	0.0	0.0	0.0	2.7
4	17.2	21.5	18.9	88.3	0.0	0.0	0.0	7.2
5	17.0	21.5	19.0	90.3	0.0	0.0	0.0	2.8
6	17.2	23.0	19.6	88.0	0.0	0.0	0.0	4.6
7	17.8	23.2	19.6	89.7	0.0	3.7	3.7	5.7
8	17.2	22.6	19.4	86.3	0.0	0.0	0.0	6.6
9	17.6	21.6	19.0	92.7	0.0	3.5	3.5	0.0
10	16.5	20.5	18.1	93.3	3.2	1.7	4.9	.3
11	17.1	20.2	18.0	90.0	.8	.2	1.0	.2
12	17.0	21.5	18.6	91.3	0.0	0.0	0.0	3.6
13	16.9	22.4	19.3	88.7	0.0	0.0	0.0	6.5
14	17.0	23.0	19.4	84.7	0.0	48.4	48.4	5.5
15	16.6	22.0	19.0	93.3	0.0	56.0	56.0	2.9
16	15.8	20.5	18.5	95.3	0.0	0.0	0.0	1.0
17	17.0	21.5	18.8	90.3	0.0	1.2	1.2	3.1
18	17.1	21.9	18.7	90.7	4.1	0.0	4.1	3.1
19	16.4	21.5	18.5	90.0	0.0	0.0	0.0	3.6
20	16.5	22.2	19.2	80.3	0.0	20.2	20.2	3.6
21	16.5	22.5	19.2	86.0	.2	37.3	37.5	1.8
22	17.0	21.6	19.2	87.3	0.0	14.7	14.7	1.9
23	16.0	22.2	19.2	90.3	0.0	12.0	12.0	2.5
24	15.6	22.0	19.2	84.0	0.0	2.4	2.4	3.1
25	16.2	21.2	18.8	92.3	27.3	0.0	27.3	2.0
26	17.5	22.0	19.3	85.3	0.0	12.0	12.0	2.1
27	17.0	22.0	18.8	90.3	1.3	1.7	3.0	2.9
28	16.5	23.2	19.6	89.0	0.0	10.0	10.0	5.5
29	16.8	22.4	19.5	91.3	0.0	0.0	0.0	8.5
30	17.0	22.2	19.5	87.0	0.0	0.0	0.0	6.7
31	16.9	22.0	19.2	88.3	.5	18.2	18.7	2.7
Total					38.1	243.2	281.3	102.8
Promedio	16.9	21.8	19.0	89.3				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	22.0	19.2	85.7	0.0	39.2	39.2	6.0
2	16.0	22.2	19.0	88.7	0.0	.2	.2	6.4
3	17.0	24.5	20.3	82.3	0.0	77.1	77.1	5.3
4	16.0	23.5	19.0	87.0	0.0	14.2	14.2	4.6
5	14.6	21.6	18.1	83.7	2.0	0.0	2.0	2.3
6	16.1	22.5	18.6	91.7	0.0	20.5	20.5	4.0
7	15.0	23.0	19.4	81.3	0.0	0.0	0.0	5.3
8	16.0	21.0	18.8	84.7	0.0	.2	.2	1.3
9	16.6	23.5	19.7	90.3	0.0	10.1	10.1	1.7
10	15.4	21.6	19.3	81.7	0.0	0.0	0.0	3.5
11	17.2	22.5	19.4	90.7	0.0	45.1	45.1	1.1
12	15.6	22.2	19.0	91.7	0.0	29.0	29.0	3.6
13	15.5	23.5	20.3	84.0	0.0	0.0	0.0	8.2
14	18.0	25.0	21.2	84.0	0.0	0.0	0.0	8.4
15	18.0	24.8	21.0	90.7	0.0	92.7	92.7	5.5
16	15.2	23.0	19.8	89.3	0.0	86.0	86.0	4.0
17	16.0	21.5	19.1	88.3	0.0	47.7	47.7	1.2
18	16.5	22.2	19.6	88.3	0.0	0.0	0.0	2.9
19	18.0	25.2	21.2	87.0	1.7	22.0	23.7	7.7
20	18.2	24.5	20.9	81.0	0.0	0.0	0.0	5.6
21	18.4	23.5	21.4	84.3	0.0	44.3	44.3	3.5
22	17.0	23.8	20.6	93.3	1.0	.4	1.4	3.4
23	18.6	26.0	21.3	84.0	0.0	0.0	0.0	4.6
24	19.0	25.6	21.1	84.0	0.0	0.0	0.0	5.1
25	18.2	25.0	21.0	85.7	0.0	0.0	0.0	1.7
26	17.5	24.6	21.2	81.0	0.0	0.0	0.0	3.0
27	19.0	27.5	23.0	74.0	0.0	0.0	0.0	9.8
28	18.8	26.5	22.2	74.7	0.0	0.0	0.0	5.0
29								
30								
31								
Total					4.7	528.7	533.4	124.7
Promedio	16.9	23.7	20.2	85.5				

Estación : SANTA HELENA
Año : 1997

Dpto. : CALDAS
Mpio. : MARQUETALIA

Latitud : 5 ° 19 ' N
Longitud : 75 ° 0 ' W
Altitud : 1450 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	26.4	21.8	83.0	0.0	2.8	2.8	4.5
2	17.5	23.8	20.7	89.3	0.0	0.0	0.0	6.8
3	17.8	23.4	19.8	94.3	0.0	0.0	0.0	1.6
4	17.7	23.2	20.2	89.3	0.0	17.0	17.0	1.8
5	16.5	23.5	20.3	88.3	17.0	0.0	17.0	.3
6	18.4	25.5	22.0	68.7	0.0	0.0	0.0	9.8
7	18.6	26.6	22.0	68.3	0.0	0.0	0.0	9.2
8	19.0	26.2	21.5	87.7	0.0	7.2	7.2	4.8
9	18.0	26.5	22.4	78.0	4.5	0.0	4.5	6.9
10	19.2	27.0	22.1	79.7	0.0	33.6	33.6	10.2
11	17.0	25.5	20.9	92.7	0.0	13.7	13.7	6.5
12	18.0	25.6	21.6	85.7	0.0	55.8	55.8	6.9
13	16.0	21.5	18.8	87.7	2.0	0.0	2.0	.2
14	17.0	26.0	21.5	82.7	0.0	0.0	0.0	7.3
15	19.0	25.2	21.7	87.3	0.0	15.2	15.2	2.3
16	17.7	19.5	18.6	94.7	2.9	15.5	18.4	0.0
17	17.0	20.2	17.9	95.0	.8	2.0	2.8	0.0
18	16.3	20.0	17.6	95.7	1.5	1.3	2.8	0.0
19	16.0	19.0	17.4	92.7	0.0	3.0	3.0	.1
20	16.5	21.5	19.0	85.7	0.0	0.0	0.0	2.5
21	16.6	20.2	18.4	89.0	.3	0.0	.3	.8
22	17.0	20.0	18.8	89.7	0.0	0.0	0.0	.7
23	16.0	20.2	18.3	95.7	0.0	0.0	0.0	.5
24	16.2	23.0	19.3	83.0	0.0	5.0	5.0	5.0
25	17.1	23.5	19.5	88.3	0.0	2.0	2.0	4.6
26	17.0	20.0	18.8	90.7	0.0	0.0	0.0	.1
27	16.5	20.5	19.0	90.3	.3	0.0	.3	0.0
28	17.0	21.6	19.2	88.3	0.0	0.0	0.0	2.1
29	16.9	22.0	19.4	91.3	0.0	.2	.2	1.0
30	17.1	22.5	20.0	83.3	0.0	0.0	0.0	1.3
31	17.0	22.4	19.3	96.0	0.0	0.0	0.0	.4
Total :					29.3	174.3	203.6	98.2
Promedio :	17.3	23.0	19.9	87.5				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.3	20.2	18.2	93.0	2.5	0.0	2.5	0.0
2	17.5	24.2	20.4	81.0	0.0	4.3	4.3	7.8
3	18.0	23.4	19.8	96.0	.1	70.2	70.3	1.1
4	16.0	23.0	19.7	90.3	25.9	.3	26.2	.5
5	17.0	24.0	20.6	87.3	0.0	0.0	0.0	5.2
6	17.4	23.6	21.4	82.7	0.0	.1	.1	2.0
7	17.8	23.8	21.2	80.7	0.0	0.0	0.0	2.1
8	18.6	23.4	20.2	86.7	.5	105.6	106.1	.2
9	16.5	23.8	19.6	93.0	0.0	1.7	1.7	3.2
10	17.0	23.5	20.1	89.3	1.3	16.7	18.0	1.3
11	16.2	23.0	19.8	90.3	0.0	0.0	0.0	1.8
12	18.0	25.5	21.1	89.0	0.0	0.0	0.0	4.2
13	18.5	25.5	21.8	81.3	0.0	17.0	17.0	7.0
14	18.8	24.0	21.0	88.7	0.0	0.0	0.0	3.7
15	18.6	22.6	20.6	91.3	.1	0.0	.1	0.0
16	18.8	26.0	22.2	75.7	0.0	36.4	36.4	3.8
17	17.0	23.0	20.0	91.7	6.5	31.9	38.4	1.1
18	16.0	22.6	18.8	89.3	4.3	0.0	4.3	1.4
19	17.0	22.0	19.6	91.3	0.0	1.4	1.4	.8
20	17.5	20.0	17.8	95.0	26.3	3.5	29.8	0.0
21	16.0	22.2	19.0	91.7	.3	0.0	.3	1.4
22	16.5	21.0	18.8	91.7	13.8	0.0	13.8	0.0
23	16.0	22.5	19.4	91.3	0.0	3.5	3.5	2.3
24	17.0	23.5	20.0	92.0	0.0	0.0	0.0	1.7
25	17.5	21.5	18.7	91.0	3.0	1.2	4.2	.7
26	17.0	22.6	19.7	92.7	3.0	3.1	6.1	3.9
27	16.8	23.5	20.3	90.0	2.5	1.2	3.7	4.7
28	17.2	22.5	19.8	88.3	.1	0.0	.1	3.8
29	17.5	25.0	21.0	82.0	0.0	.2	.2	5.3
30	17.6	23.0	20.6	91.3	4.3	0.0	4.3	0.0
31								
Total :					94.5	298.3	392.8	71.0
Promedio :	17.3	23.1	20.0	88.9				

Estación : SANTA HELENA **Dpto. : CALDAS** **Latitud : 5 ° 19 ' N**
Año : 1997 **Mpio. : MARQUETALIA** **Longitud : 75 ° 0 ' W**
Altitud : 1450 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	25.0	20.9	84.3	0.0	0.0	0.0	2.9
2	18.0	26.9	21.8	80.7	0.0	0.0	0.0	5.3
3	19.0	25.2	21.4	78.0	0.0	.8	.8	7.2
4	17.6	23.2	19.6	87.7	0.0	0.0	0.0	4.4
5	18.0	25.1	20.8	81.0	0.0	0.0	0.0	4.8
6	19.0	25.0	21.1	85.7	0.0	0.0	0.0	7.1
7	18.8	24.0	20.8	81.7	0.0	0.0	0.0	3.2
8	17.5	26.4	22.5	72.7	0.0	0.0	0.0	9.6
9	19.4	26.0	21.9	80.3	0.0	0.0	0.0	4.2
10	18.4	25.2	20.8	88.3	0.0	19.2	19.2	6.4
11	16.0	22.2	18.5	89.3	12.3	0.0	12.3	3.3
12	18.0	23.5	21.0	87.7	0.0	65.0	65.0	6.5
13	16.5	25.2	20.8	84.3	.1	1.5	1.6	5.7
14	16.7	22.6	19.2	94.0	18.2	0.0	18.2	2.5
15	18.0	25.0	21.0	90.0	0.0	0.0	0.0	3.3
16	18.4	26.5	22.1	78.3	0.0	20.0	20.0	9.9
17	16.2	24.0	21.1	83.0	0.0	0.0	0.0	6.8
18	18.5	26.6	22.1	77.7	0.0	0.0	0.0	8.5
19	19.8	26.0	22.2	81.0	0.0	0.0	0.0	6.3
20	18.3	24.2	20.2	92.3	0.0	0.0	0.0	4.1
21	19.0	25.0	22.0	83.3	0.0	4.4	4.4	5.4
22	18.5	24.0	20.8	91.0	0.0	4.2	4.2	3.0
23	17.2	24.6	21.0	88.0	0.0	0.0	0.0	5.3
24	19.0	26.6	22.0	87.7	0.0	0.0	0.0	6.9
25	19.2	24.2	21.1	83.3	0.0	106.3	106.3	2.4
26	15.0	21.0	18.0	94.3	2.6	22.7	25.3	.5
27	16.1	23.5	19.4	95.7	1.2	0.0	1.2	1.9
28	17.6	23.0	20.2	91.7	0.0	3.5	3.5	.4
29	18.5	24.5	20.8	86.3	0.0	0.0	0.0	5.2
30	18.0	24.2	20.6	83.3	0.0	0.0	0.0	3.1
31	17.5	24.0	20.6	91.3	0.0	3.5	3.5	5.0
Total					34.4	251.1	285.5	151.1
Promedio	17.9	24.6	20.8	85.6				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	23.5	20.0	89.7	0.0	0.0	0.0	3.3
2	18.1	24.5	21.2	86.0	0.0	0.0	0.0	7.0
3	18.6	25.0	21.9	87.3	0.0	.8	.8	6.4
4	17.0	21.0	19.1	95.3	1.5	0.0	1.5	0.0
5	17.2	22.5	20.0	89.3	0.0	0.0	0.0	1.8
6	17.0	21.5	19.5	89.0	0.0	7.8	7.8	.6
7	17.1	22.2	19.0	88.0	.1	18.1	18.2	.8
8	16.0	21.2	18.6	88.7	1.7	0.0	1.7	.2
9	17.6	24.1	20.4	83.7	.3	.2	.5	1.9
10	17.4	24.5	20.6	85.0	0.0	2.1	2.1	7.5
11	17.2	24.6	20.8	87.7	0.0	7.7	7.7	6.9
12	17.5	22.0	19.4	93.7	0.0	0.0	0.0	.2
13	17.0	22.5	19.8	90.3	0.0	0.0	0.0	.9
14	16.6	22.0	19.8	91.7	0.0	0.0	0.0	2.6
15	16.5	24.6	20.8	86.7	0.0	0.0	0.0	7.7
16	17.2	25.0	20.8	88.0	0.0	0.0	0.0	4.0
17	18.5	24.6	21.4	85.7	0.0	0.0	0.0	5.4
18	18.0	23.0	20.0	84.3	0.0	2.3	2.3	.5
19	16.5	21.7	19.3	91.7	0.0	0.0	0.0	.3
20	17.2	26.0	21.5	84.3	0.0	0.0	0.0	8.6
21	17.4	24.2	19.8	92.0	0.0	0.0	0.0	4.6
22	17.5	24.8	21.0	85.0	0.0	0.0	0.0	8.2
23	18.3	26.6	21.8	77.3	0.0	0.0	0.0	8.1
24	19.5	22.5	20.2	90.7	0.0	.2	.2	0.0
25	18.0	22.0	19.2	92.0	.9	0.0	.9	1.9
26	16.8	23.0	19.5	84.0	0.0	0.0	0.0	.8
27	16.7	21.5	18.8	93.3	0.0	0.0	0.0	.4
28	18.5	26.5	22.0	75.0	0.0	0.0	0.0	11.1
29	18.0	25.0	21.3	83.3	0.0	6.5	6.5	5.6
30	17.2	22.0	19.8	88.7	0.0	4.3	4.3	1.5
31								
Total					4.5	50.0	54.5	108.8
Promedio	17.5	23.5	20.2	87.6				

Estación : SANTA HELENA **Dpto. :** CALDAS **Latitud :** 5 ° 19 ' N
Año : 1997 **Mpio. :** MARQUETALIA **Longitud :** 75 ° 0 ' W
Altitud : 1450 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	23.5	19.4	93.7	0.0	0.0	0.0	4.3
2	18.0	25.5	21.8	64.3	0.0	11.1	11.1	11.3
3	16.8	23.5	20.0	80.0	0.0	0.0	0.0	3.1
4	18.0	25.0	21.0	75.7	0.0	0.0	0.0	9.6
5	18.0	22.4	19.8	81.7	0.0	0.0	0.0	.4
6	17.8	26.2	22.0	71.0	0.0	0.0	0.0	7.7
7	18.5	25.5	20.8	76.0	0.0	0.0	0.0	7.0
8	18.0	26.2	20.8	79.7	0.0	0.0	0.0	8.5
9	18.2	24.0	20.4	77.7	0.0	0.0	0.0	4.9
10	17.4	25.6	21.3	66.7	0.0	11.0	11.0	10.5
11	17.5	25.5	21.4	70.0	0.0	0.0	0.0	7.5
12	18.0	25.2	21.3	65.7	0.0	0.0	0.0	10.3
13	18.2	27.0	23.1	55.3	0.0	0.0	0.0	11.3
14	19.2	26.8	22.2	59.3	0.0	0.0	0.0	8.6
15	19.0	26.2	22.2	62.0	0.0	0.0	0.0	6.1
16	18.0	26.2	21.8	68.0	0.0	0.0	0.0	6.9
17	17.4	26.5	22.5	58.7	0.0	0.0	0.0	9.5
18	18.5	27.0	22.2	60.3	0.0	0.0	0.0	10.7
19	18.5	27.6	23 6	53.3	0.0	0.0	0.0	9.9
20	19.5	27.8	23.4	54.7	0.0	0.0	0.0	11.3
21	19.0	26.5	22.0	58.0	0.0	0.0	0.0	10.0
22	18.5	25.5	21.8	66.3	0.0	0.0	0.0	4.3
23	18.0	27.5	23.2	61.0	0.0	0.0	0.0	9.3
24	18.6	27.2	22.3	67.3	0.0	0.0	0.0	11.0
25	18.0	25.5	21.4	69.7	0.0	0.0	0.0	1.2
26	17.3	28.2	22.5	59.7	0.0	0.0	0.0	10.2
27	18.5	25.0	22.0	65.3	0.0	0.0	0.0	2.3
28	19.0	26.5	21.0	76.3	0.0	0.0	0.0	1.9
29	17.2	26.4	21.5	77.7	0.0	0.0	0.0	4.6
30	17.8	26.2	21.2	81.3	0.0	0.0	0.0	4.3
31	17.0	28.2	23.0	69.3	0.0	3.1	3.1	8.8
Total :					0.0	25.2	25.2	227.3
Promedio :	18.1	26.0	21.7	68.6				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.5	23.8	62.0	0.0	0.0	0.0	11.5
2	18.0	27.0	22.9	56.3	0.0	0.0	0.0	8.0
3	16.8	27.2	22.5	67.3	0.0	0.0	0.0	9.8
4	18.8	28.5	23.7	48.0	0.0	0.0	0.0	11.4
5	18.5	28.0	23.2	56.3	0.0	0.0	0.0	7.2
6	19.5	27.5	21.8	64.0	0.0	0.0	0.0	4.6
7	18.2	29.0	23.4	54.7	0.0	0.0	0.0	8.7
8	18.5	28.6	23.0	56.0	0.0	0.0	0.0	9.7
9	17.0	26.5	19.7	76.3	0.0	0.0	0.0	1.6
10	16.5	26.0	20.8	69.0	0.0	0.0	0.0	8.4
11	18.6	28.0	22.7	53.3	0.0	0.0	0.0	8.5
12	18.8	27.2	22.8	65.0	0.0	0.0	0.0	4.0
13	18.6	27.4	23.0	59.3	0.0	0.0	0.0	3.0
14	18.0	25.5	21.4	70.3	0.0	0.0	0.0	1.2
15	19.0	28.1	23.4	58.3	0.0	0.0	0.0	7.2
16	19.5	28.6	23.9	58.0	0.0	0.0	0.0	9.3
17	18.2	28.4	22.0	72.0	0.0	0.0	0.0	4.6
18	19.0	28.0	23.0	67.7	0.0	0.0	0.0	8.2
19	19.5	24.5	21 6	72.7	6.1	0.0	6.1	1.0
20	18.2	28.0	23.9	55.0	0.0	0.0	0.0	10.3
21	19.5	29.0	24.7	43.7	0.0	0.0	0.0	10.4
22	20.0	28.5	23.8	54.0	0.0	0.0	0.0	6.6
23	19.2	28.6	23.0	57.3	0.0	0.0	0.0	9.4
24	17.6	28.4	22.2	76.3	0.0	0.0	0.0	9.9
25	18.6	29.0	23.6	66.3	0.0	0.0	0.0	7.1
26	20.0	28.5	23.8	59.7	0.0	0.0	0.0	5.0
27	18.7	27.5	23.0	56.7	0.0	0.0	0.0	2.0
28	19.0	29.5	24.0	49.7	0.0	0.0	0.0	9.3
29	19.2	30.5	24.8	43.3	0.0	.5	.5	10.8
30	18.5	27.0	22.4	78.3	0.0	.4	.4	4.7
31	19.5	27.2	22.8	79.3	2.9	17.9	20.8	4.8
Total :					9.0	18.8	27.8	218.2
Promedio :	18.6	27.9	22.9	61.5				

Estación : SANTA HELENA
Año : 1997

Dpto. : CALDAS
Mpio. : MARQUETALIA

Latitud : 5 ° 19 ' N
Longitud : 75 ° 0 ' W
Altitud : 1450 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.5	21.4	77.3	0.0	12.5	12.5	2.0
2	15.0	26.0	20.2	79.3	0.0	0.0	0.0	5.5
3	17.5	27.2	22.8	69.3	0.0	0.0	0.0	9.7
4	18.0	27.0	22.6	75.7	0.0	1.0	1.0	7.7
5	17.5	25.0	20.8	88.3	3.1	45.2	48.3	2.0
6	16.2	26.0	20.5	84.0	0.0	38.4	38.4	8.9
7	17.0	24.8	20.4	89.0	0.0	40.7	40.7	0.0
8	15.5	22.0	18.6	91.0	0.0	2.5	2.5	2.1
9	17.0	25.0	21.0	80.3	0.0	80.5	80.5	4.4
10	15.8	26.0	21.2	80.3	1.9	0.0	1.9	4.1
11	19.0	27.5	22.6	72.0	0.0	0.0	0.0	9.5
12	19.8	28.0	23.1	60.0	0.0	0.0	0.0	8.1
13	19.0	28.5	22.7	69.0	0.0	.1	.1	5.3
14	16.2	24.8	20.8	86.3	15.2	0.0	15.2	4.7
15	18.8	26.0	22.7	70.7	0.0	0.0	0.0	7.7
16	18.5	26.2	22.7	62.7	0.0	0.0	0.0	4.3
17	19.2	27.5	23.0	59.0	0.0	0.0	0.0	7.7
18	18.5	26.5	22.6	67.0	0.0	.5	.5	7.8
19	17.5	26.5	21.5	83.3	0.0	11.7	11.7	7.4
20	16.0	25.0	20.0	79.7	89.6	3.6	93.2	1.7
21	17.5	23.2	20.2	89.7	.3	32.9	33.2	3.1
22	16.2	25.0	20.0	90.0	0.0	49.5	49.5	6.5
23	16.2	21.5	18.8	87.7	34.5	.1	34.6	0.0
24	18.0	23.0	20.2	91.7	.1	7.1	7.2	.7
25	16.2	24.2	20.4	90.0	2.7	4.3	7.0	3.7
26	17.6	26.0	21.2	88.3	0.0	0.0	0.0	5.3
27	17.5	24.5	21.0	86.0	0.0	0.0	0.0	4.5
28	18.5	26.0	22.2	68.7	0.0	.8	.8	5.0
29	18.0	25.5	20.6	85.3	0.0	0.0	0.0	9.1
30	17.5	25.8	21.8	71.3	0.0	0.0	0.0	10.2
31								
Total :					147.4	331.4	478.8	158.7
Promedio :	17.4	25.6	21.3	79.1				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.0	20.9	88.0	0.0	39.4	39.4	5.8
2	16.6	26.6	20.6	86.3	.6	4.7	5.3	5.5
3	18.0	24.5	20.4	81.7	0.0	0.0	0.0	3.2
4	17.0	25.0	20.2	92.0	0.0	7.0	7.0	7.8
5	15.0	23.5	19.5	89.0	32.7	0.0	32.7	3.2
6	17.5	25.0	21.0	80.7	0.0	0.0	0.0	4.1
7	18.5	24.8	21.9	73.3	0.0	0.0	0.0	7.1
8	19.2	26.6	23.2	56.3	0.0	0.0	0.0	7.4
9	18.5	25.6	21.0	80.0	0.0	6.9	6.9	7.9
10	17.5	25.5	21.0	87.3	0.0	1.5	1.5	7.4
11	14.7	24.5	20.1	92.0	26.4	0.0	26.4	2.6
12	17.6	23.2	20.5	93.0	.5	14.1	14.6	1.8
13	17.2	22.0	19.6	88.0	28.6	0.0	28.6	2.4
14	17.5	23.5	20.4	85.7	0.0	0.0	0.0	3.5
15	16.0	22.0	18.7	89.7	44.6	.4	45.0	.9
16	17.5	22.6	19.9	86.7	.2	31.5	31.7	.5
17	17.2	23.6	19.5	93.3	0.0	25.2	25.2	4.4
18	16.5	23.5	18.4	91.3	11.3	5.5	16.8	4.4
19	17.0	22.8	19.2	94.7	0.0	0.0	0.0	4.0
20	18.5	23.5	20.8	86.7	0.0	6.0	6.0	5.4
21	17.5	24.0	20.3	90.0	3.0	1.8	4.8	6.4
22	18.0	23.0	20.0	95.3	0.0	30.1	30.1	5.2
23	15.5	23.5	20.0	92.0	0.0	0.0	0.0	.3
24	17.5	25.0	21.7	88.7	0.0	0.0	0.0	8.0
25	18.0	26.6	21.8	85.0	0.0	0.0	0.0	9.1
26	18.2	24.5	21.2	87.3	0.0	0.0	0.0	5.9
27	18.8	25.0	21.6	88.0	0.0	0.0	0.0	4.3
28	19.0	24.4	20.4	89.7	0.0	1.7	1.7	4.4
29	18.5	23.5	20.2	95.3	0.0	0.0	0.0	2.7
30	18.0	24.8	21.5	86.0	0.0	0.0	0.0	7.1
31	19.4	27.0	22.8	80.0	0.0	12.9	12.9	5.8
Total :					147.9	188.7	336.6	148.5
Promedio :	17.5	24.4	20.6	86.9				

Estación : SANTA HELENA
Año : 1997

Dpto. : CALDAS
Mpio. : MARQUETALIA

Latitud : 5 ° 19 ' N
Longitud : 75 ° 0 ' W
Altitud : 1450 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	24.0	19.8	92.3	0.0	0.0	0.0	4.4
2	18.0	26.0	22.2	74.3	0.0	0.0	0.0	7.4
3	19.5	24.6	21.6	89.0	0.0	0.0	0.0	4.0
4	18.0	25.2	21.0	91.3	0.0	10.0	10.0	6.6
5	17.0	24.5	20.8	86.0	0.0	0.0	0.0	3.5
6	18.2	25.5	21.0	87.7	0.0	32.4	32.4	4.3
7	17.0	24.0	20.5	93.3	0.0	9.7	9.7	.9
8	18.0	22.0	19.4	96.0	8.2	66.6	74.8	0.0
9	17.5	21.5	18.4	97.7	2.9	11.4	14.3	0.0
10	17.2	21.8	19.0	89.7	0.0	0.0	0.0	2.2
11	18.0	23.2	20.0	93.3	0.0	.6	.6	4.3
12	17.5	23.0	20.0	92.3	2.7	85.5	88.2	7.7
13	16.5	22.5	19.2	93.0	2.2	8.5	10.7	3.0
14	16.8	19.4	17.3	95.0	54.1	3.7	57.8	.2
15	14.0	19.5	17.6	94.0	10.6	.2	10.8	1.2
16	16.0	22.5	18.6	91.3	0.0	0.0	0.0	2.4
17	17.5	23.5	20.1	90.0	0.0	38.4	38.4	4.4
18	17.0	23.0	19.6	95.0	0.0	8.6	8.6	2.8
19	18.2	24.5	20.7	89.0	0.0	5.6	5.6	6.0
20	17.6	22.0	19.2	94.0	0.0	0.0	0.0	.9
21	17.0	23.5	19.8	92.0	0.0	0.0	0.0	4.8
22	18.0	25.6	21.2	87.7	0.0	0.0	0.0	8.4
23	19.0	26.5	22.0	81.7	0.0	5.1	5.1	8.0
24	18.5	24.5	20.7	81.0	0.0	0.0	0.0	3.9
25	18.5	23.0	20.2	89.3	4.1	4.3	8.4	5.6
26	17.0	20.5	17.9	95.0	.9	1.5	2.4	.1
27	17.5	22.0	19.2	91.3	.1	1.3	1.4	1.7
28	17.6	24.0	20.6	90.0	0.0	0.0	0.0	5.0
29	18.0	24.8	20.8	90.0	0.0	0.0	0.0	4.3
30	18.5	23.0	20.3	89.7	0.0	8.4	8.4	1.5
31								
Total :					85.8	301.8	387.6	109.5
Promedio :	17.5	23.3	20.0	90.4				

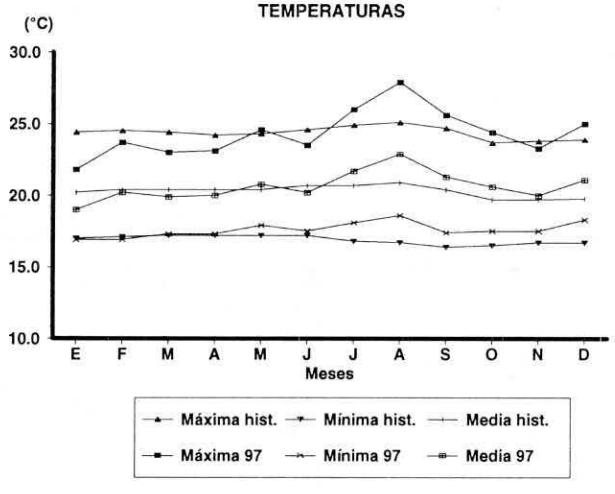
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	23.5	19.8	92.0	2.1	0.0	2.1	1.5
2	17.5	24.0	20.4	91.7	.5	23.6	24.1	5.0
3	17.0	24.2	20.7	86.7	0.0	0.0	0.0	7.3
4	17.5	25.0	21.5	74.7	0.0	0.0	0.0	9.1
5	18.5	25.5	21.6	78.0	0.0	0.0	0.0	9.1
6	19.0	25.5	22.0	80.3	0.0	0.0	0.0	9.5
7	19.5	26.5	22.8	69.0	0.0	0.0	0.0	9.3
8	20.0	27.8	22.6	74.3	0.0	0.0	0.0	9.9
9	18.5	26.5	22.1	81.7	0.0	.8	.8	10.1
10	19.0	24.0	21.2	93.0	0.0	4.7	4.7	3.6
11	19.1	24.0	21.0	91.3	0.0	.4	.4	3.6
12	15.5	24.0	20.8	83.7	0.0	7.8	7.8	5.7
13	18.5	25.5	21.2	84.3	0.0	0.0	0.0	8.4
14	18.2	23.5	20.3	88.7	0.0	86.3	86.3	6.2
15	17.5	21.2	18.7	92.0	0.0	0.0	0.0	.3
16	17.5	22.2	19.2	87.7	0.0	5.0	5.0	3.6
17	17.6	22.2	19.5	90.7	0.0	38.3	38.3	1.6
18	17.2	24.1	20.0	90.0	5.5	4.8	10.3	3.5
19	17.5	24.0	20.2	91.7	0.0	0.0	0.0	5.6
20	18.5	23.5	20.8	81.0	0.0	0.0	0.0	3.6
21	18.5	24.5	20.7	87.0	0.0	0.0	0.0	4.8
22	19.4	26.0	22.2	70.7	0.0	0.0	0.0	7.7
23	19.2	28.3	23.2	56.0	0.0	0.0	0.0	10.9
24	18.5	27.5	22.8	71.0	0.0	0.0	0.0	9.7
25	19.2	27.4	23.0	68.0	0.0	0.0	0.0	9.5
26	19.5	26.6	22.0	82.0	0.0	0.0	0.0	9.7
27	19.0	27.5	22.1	72.3	0.0	17.9	17.9	9.1
28	18.6	24.5	20.8	90.3	0.0	3.1	3.1	4.2
29	19.0	26.0	21.3	84.7	0.0	0.0	0.0	7.3
30	18.0	25.6	19.2	88.3	5.2	0.0	5.2	1.0
31	18.5	24.0	20.2	92.3	0.0	67.1	67.1	4.0
Total :					13.3	259.8	273.1	194.4
Promedio :	18.3	25.0	21.1	82.7				

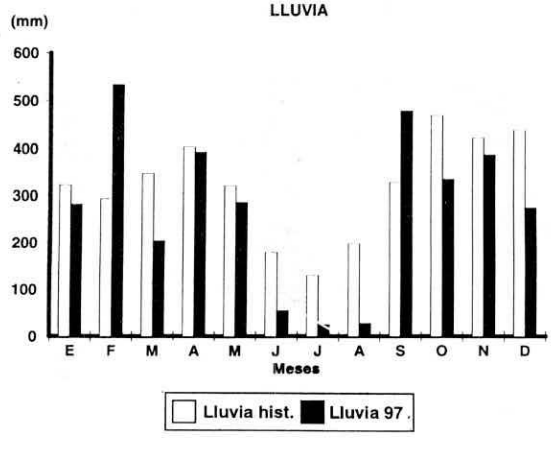
Estación : SANTA HELENA
Año : 1997

Dpto. : CALDAS
Mpio. : MARQUETALIA

Latitud : 5 ° 19 'N
Longitud : 75 ° 0 'W
Altitud : 1450 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.9	21.8	19.0	23.2	15.6	89.3	281.3	20	102.8
Febrero	16.9	23.7	20.2	27.5	14.6	85.5	533.4	16	124.7
Marzo	17.3	23.0	19.9	27.0	16.0	87.5	203.6	19	98.2
Abril	17.3	23.1	20.0	26.0	16.0	88.9	392.8	24	71.0
Mayo	17.9	24.6	20.8	26.9	15.0	85.6	285.5	14	151.1
Junio	17.5	23.5	20.2	26.6	16.0	87.6	54.5	13	108.8
Julio	18.1	26.0	21.7	28.2	16.5	68.6	25.2	3	227.3
Agosto	18.6	27.9	22.9	30.5	16.5	61.5	27.8	4	218.2
Septiembre	17.4	25.6	21.3	28.5	15.0	79.1	478.8	19	158.7
Octubre	17.5	24.4	20.6	27.0	14.7	86.9	336.6	18	148.5
Noviembre	17.5	23.3	20.0	26.5	14.0	90.4	387.6	18	109.5
Diciembre	18.3	25.0	21.1	28.3	15.5	82.7	273.1	14	194.4
Promedio :	17.6	24.3	20.6			82.8			
Absoluta :				30.5	14.0				
Total :							3280.2	182	1713.2





Estación : LLANADAS | **Dpto. : CALDAS** | **Latitud : 5 ° 12 ' N**
Año : 1997 | **Mpio. : MANZANARES** | **Longitud : 75 ° 8 ' W**
Altitud : 1420 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.1	22.6	18.8	83.3	2.5	0.0	3.0	
2	15.8	21.9	17.9	85.0	31.0	0.0	31.0	
3	15.5	24.0	19.0	77.0	.6	0.0	.8	
4	15.7	23.2	19.0	75.3	0.0	0.0	0.0	
5	14.3	22.8	18.8	72.7	0.0	0.0	0.0	
6	15.9	24.4	19.6	76.3	0.0	0.0	0.0	
7	16.9	25.1	20.0	76.3	3.3	0.0	6.2	
8	15.0	25.0	19.8	74.0	0.0	25.5	25.5	
9	16.4	22.5	18.6	82.0	3.4	.1	3.5	
10	15.8	22.0	18.7	82.3	15.0	30.0	45.0	
11	16.5	20.6	18.0	85.7	4.7	0.0	4.7	
12	14.9	23.0	19.1	79.3	.6	6.4	7.0	
13	14.8	25.1	19.6	71.7	0.0	0.0	0.0	
14	15.0	25.0	19.8	70.3	0.0	0.0	0.0	
15	16.1	25.4	20.4	72.0	0.0	6.3	6.3	
16	16.2	24.1	19.3	76.7	.3	7.5	7.8	
17	15.8	23.8	19.2	78.0	2.6	3.0	5.6	
18	15.7	23.5	19.0	80.0	0.0	0.0	0.0	
19	14.2	24.0	19.0	69.7	0.0	0.0	0.0	
20	14.0	24.8	19.7	69.3	0.0	.4	.4	
21	15.8	23.0	19.2	76.7	2.5	9.4	11.9	
22	16.0	22.6	19.4	81.7	0.0	18.0	18.0	
23	15.2	24.0	19.0	72.0	2.7	6.8	9.5	
24	15.5	23.5	19.1	80.0	9.9	23.5	33.4	
25	16.3	23.0	19.5	79.3	0.0	3.9	3.9	
26	15.9	23.9	19.4	79.7	1.2	1.3	2.5	
27	16.0	24.6	19.2	81.7	0.0	.6	.6	
28	15.0	24.2	19.6	77.3	0.0	6.2	6.2	
29	16.4	25.0	20.4	72.0	0.0	.8	.8	
30	16.2	25.2	20.4	67.7	0.0	.3	.3	
31	15.1	25.4	20.0	71.3	0.0	13.8	13.8	
Total :					80.3	163.8	247.7	
Promedio :	15.6	23.8	19.3	76.7				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	24.8	19.8	77.0	.3	15.3	15.6	
2	15.7	25.4	19.7	77.0	0.0	10.7	10.7	
3	16.2	24.2	19.6	76.7	0.0	7.3	7.5	
4	15.4	25.3	20.2	73.7	0.0	2.4	2.4	
5	15.0	24.9	19.1	72.0	0.0	0.0	.3	
6	15.9	25.0	19.9	75.3	0.0	7.0	7.0	
7	15.0	23.8	19.7	73.7	0.0	24.7	24.7	
8	15.4	23.3	19.3	77.0	0.0	0.0	0.0	
9	15.7	26.0	20.7	73.0	0.0	12.9	12.9	
10	16.0	23.9	19.7	73.0	0.0	0.0	0.0	
11	16.7	24.3	20.3	77.7	0.0	36.0	36.0	
12	16.6	25.0	20.2	79.3	0.0	5.2	6.2	
13	15.2	27.0	21.1	67.3	0.0	0.0	0.0	
14	15.9	29.0	21.5	62.3	0.0	0.0	0.0	
15	17.0	29.3	22.0	68.0	0.0	31.8	31.8	
16	16.0	24.6	20.2	74.0	4.4	4.9	9.4	
17	16.8	23.9	20.0	78.7	0.0	56.0	56.0	
18	16.5	23.4	19.9	76.0	0.0	1.6	1.6	
19	16.7	24.6	20.4	76.0	0.0	0.0	0.0	
20	16.3	26.7	20.5	69.0	0.0	0.0	0.0	
21	16.2	26.0	21.0	69.3	0.0	1.6	1.6	
22	17.9	26.7	21.5	75.3	0.0	.2	.6	
23	18.0	27.5	22.0	71.0	0.0	0.0	0.0	
24	17.7	26.7	21.5	68.0	0.0	0.0	0.0	
25	18.0	25.7	20.6	74.3	0.0	0.0	0.0	
26	17.0	27.6	21.8	69.3	0.0	0.0	0.0	
27	17.7	29.7	22.2	64.7	0.0	0.0	0.0	
28	17.6	29.8	22.2	56.7	0.0	0.0	0.0	
29								
30								
31								
Total :					4.7	217.6	224.3	
Promedio :	16.4	25.9	20.6	72.3				

Estación : LLANADAS
Año : 1997

Dpto. : CALDAS
Mpio. : MANZANARES

Latitud : 5 ° 12 ' N
Longitud : 75 ° 8 ' W
Altitud : 1420 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	26.6	21.9	68.3	0.0	0.0	0.0	
2	18.1	26.4	21.6	73.3	0.0	11.0	11.0	
3	18.0	25.8	21.0	80.7	0.0	0.0	0.0	
4	17.2	25.5	20.2	77.7	0.0	14.4	14.4	
5	17.6	23.2	19.4	83.7	0.0	0.0	2.1	
6	16.0	27.0	20.0	68.0	0.0	0.0	0.0	
7	15.1	27.2	19.2	60.0	0.0	0.0	0.0	
8	16.0	26.3	21.0	66.7	0.0	0.0	0.0	
9	18.1	27.5	21.7	68.7	0.0	0.0	0.0	
10	17.1	28.5	22.2	63.3	0.0	0.0	0.0	
11	18.3	27.4	21.6	71.7	0.0	.4	.4	
12	18.0	25.9	21.6	76.7	.5	23.7	24.2	
13	17.0	24.5	19.8	74.7	.2	0.0	1.6	
14	16.6	28.5	21.5	72.0	0.0	0.0	0.0	
15	17.2	27.4	22.5	73.3	0.0	9.6	9.6	
16	17.0	20.2	18.7	92.7	.5	7.5	9.1	
17	17.6	23.0	19.0	87.3	3.8	1.6	8.6	
18	17.2	23.9	19.4	80.3	8.4	1.0	10.0	
19	16.1	21.9	18.7	86.7	.2	0.0	.3	
20	15.3	23.8	18.8	76.3	.6	0.0	.6	
21	15.6	21.2	18.1	82.7	0.0	0.0	0.0	
22	15.5	22.5	18.7	76.3	.1	0.0	.1	
23	15.3	21.0	18.2	83.7	0.0	0.0	0.0	
24	14.5	25.5	20.2	66.3	0.0	0.0	0.0	
25	15.2	25.6	18.8	68.0	0.0	.6	.6	
26	16.1	24.2	19.2	73.3	0.0	0.0	0.0	
27	15.9	22.2	19.0	74.0	0.0	0.0	0.0	
28	15.1	23.2	19.4	76.7	0.0	.5	.5	
29	15.7	23.8	19.9	73.7	2.4	2.2	4.6	
30	15.4	25.2	19.4	72.0	0.0	0.0	0.0	
31	15.2	24.2	19.4	76.0	0.0	.2	.2	
Total					16.7	72.7	97.9	
Promedio	16.5	24.8	20.0	75.0				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	23.5	18.0	90.7	9.4	0.0	12.6	
2	16.7	26.5	21.2	69.0	0.0	2.1	2.1	
3	16.8	23.9	20.4	77.0	0.0	2.0	2.0	
4	16.7	25.2	20.4	78.0	0.0	8.8	9.9	
5	16.8	26.5	20.6	73.7	0.0	1.4	1.4	
6	15.9	26.8	20.8	77.0	0.0	22.5	22.5	
7	16.9	26.9	20.8	73.3	0.0	1.1	1.1	
8	17.7	25.0	20.8	78.0	0.0	52.8	52.8	
9	16.0	27.0	21.0	70.0	0.0	.8	.8	
10	17.4	26.4	21.2	76.7	.7	12.3	15.1	
11	17.1	27.4	21.2	73.7	0.0	0.0	0.0	
12	17.9	27.4	21.8	75.7	0.0	0.0	0.0	
13	16.2	28.2	22.2	66.3	0.0	1.0	1.0	
14	17.2	27.1	21.0	78.7	0.0	0.0	.9	
15	17.2	23.9	20.8	75.7	0.0	0.0	0.0	
16	16.6	25.5	21.6	70.0	0.0	0.0	0.0	
17	16.9	25.9	20.9	77.7	0.0	17.3	19.9	
18	16.6	24.3	19.7	81.3	0.0	0.0	3.8	
19	17.4	24.0	20.3	78.7	0.0	.4	.4	
20	17.1	21.0	18.7	89.7	.9	12.4	16.9	
21	16.5	24.9	20.1	79.3	0.0	.3	1.1	
22	16.9	22.3	18.0	88.7	7.0	0.0	25.0	
23	15.6	24.4	19.4	82.7	.1	7.8	9.7	
24	17.1	25.0	20.6	79.3	0.0	0.0	0.0	
25	16.6	24.5	19.3	80.7	0.0	1.9	2.3	
26	16.1	24.0	20.2	83.7	.7	2.1	3.0	
27	17.4	25.9	21.0	77.0	0.0	3.2	3.2	
28	16.2	25.1	20.5	77.3	0.0	0.0	0.0	
29	16.2	27.1	21.0	70.3	0.0	0.0	0.0	
30	17.2	25.6	20.8	72.0	0.0	0.0	0.0	
31								
Total					18.8	150.2	207.5	
Promedio	16.8	25.4	20.5	77.4				

Estación : LLANADAS
Año : 1997

Dpto. : CALDAS
Mpio. : MANZANARES

Latitud : 5 ° 12 ' N
Longitud : 75 ° 8 ' W
Altitud : 1420 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	27.0	20.9	73.0	0.0	0.0	0.0	
2	18.0	28.5	21.5	54.7	0.0	0.0	0.0	
3	15.9	29.8	22.1	63.3	0.0	3.5	3.5	
4	18.0	27.9	21.2	65.7	0.0	0.0	0.0	
5	15.1	27.0	20.8	71.0	0.0	.6	.6	
6	17.0	28.2	21.8	67.7	0.0	0.0	0.0	
7	17.4	25.2	19.8	78.0	.3	0.0	.3	
8	15.2	29.9	22.0	64.3	0.0	0.0	0.0	
9	17.5	28.4	22.6	67.3	0.0	0.0	0.0	
10	17.7	28.0	22.0	71.7	0.0	53.5	53.5	
11	16.6	21.7	17.6	82.7	0.0	0.0	8.9	
12	14.6	26.6	20.2	72.7	.3	35.2	35.5	
13	16.0	27.9	21.7	70.0	0.0	2.2	2.2	
14	16.6	24.1	18.9	86.0	0.0	0.0	2.8	
15	16.8	27.1	21.4	71.7	.1	0.0	.1	
16	16.4	28.1	22.0	59.0	0.0	.7	.7	
17	16.7	27.2	22.1	76.3	0.0	0.0	.1	
18	17.1	28.4	21.8	54.3	0.0	0.0	0.0	
19	16.6	28.5	21.8	53.7	0.0	0.0	0.0	
20	16.2	29.2	21.5	67.3	0.0	0.0	0.0	
21	16.0	27.4	21.9	71.0	0.0	30.1	30.1	
22	17.0	26.2	20.8	79.3	0.0	17.4	17.4	
23	16.3	28.5	22.0	71.0	0.0	0.0	0.0	
24	17.5	29.5	22.3	61.7	0.0	0.0	0.0	
25	16.6	26.6	21.0	76.0	0.0	9.6	9.6	
26	16.2	20.9	18.0	87.3	0.0	1.7	5.1	
27	16.7	27.5	20.8	67.3	0.0	0.0	0.0	
28	16.7	26.0	21.1	73.0	0.0	0.0	0.0	
29	17.5	27.5	21.4	72.0	0.0	0.0	0.0	
30	16.2	25.7	20.5	76.3	0.0	0.0	0.0	
31	17.6	27.2	22.0	73.0	0.0	10.3	10.3	
Total :					.7	164.8	180.7	
Promedio :	16.6	27.2	21.1	70.3				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	26.8	21.2	78.0	0.0	0.0	.8	
2	16.2	27.4	22.1	72.7	0.0	0.0	0.0	
3	16.9	27.2	21.8	75.0	0.0	16.3	16.3	
4	17.0	23.2	19.4	78.7	0.0	0.0	.1	
5	16.2	26.1	21.0	74.0	0.0	3.6	3.6	
6	17.7	26.5	20.2	79.3	0.0	2.4	2.5	
7	16.6	25.0	20.3	77.7	0.0	36.0	36.0	
8	15.8	23.3	19.5	79.0	0.0	0.0	1.2	
9	15.9	26.8	20.5	80.3	0.0	0.0	0.0	
10	16.0	27.0	21.3	66.3	0.0	11.6	11.6	
11	16.9	28.2	22.0	70.7	0.0	14.2	15.0	
12	16.2	25.5	20.0	77.3	1.3	0.0	1.3	
13	15.6	24.9	20.7	76.0	0.0	.3	.3	
14	16.0	26.8	21.1	72.7	0.0	0.0	0.0	
15	15.0	28.2	21.7	69.0	0.0	3.1	3.1	
16	15.7	28.3	21.8	68.3	0.0	28.4	28.4	
17	16.7	28.0	22.0	70.7	0.0	1.7	1.7	
18	16.0	25.4	20.4	71.0	0.0	11.8	18.5	
19	16.1	23.6	19.9	78.7	0.0	0.0	12.3	
20	15.8	28.4	20.9	66.7	0.0	0.0	0.0	
21	15.9	27.0	21.0	71.3	0.0	0.0	0.0	
22	16.1	28.3	21.8	67.0	0.0	0.0	0.0	
23	15.2	28.9	22.0	67.3	0.0	0.0	0.0	
24	16.5	25.9	20.1	76.7	0.0	0.0	0.0	
25	16.0	25.5	20.3	78.0	0.0	0.0	0.0	
26	17.0	24.9	19.4	76.3	0.0	.1	.1	
27	16.7	25.0	20.7	74.7	0.0	0.0	0.0	
28	15.9	28.5	21.7	69.3	0.0	0.0	0.0	
29	17.3	27.7	21.6	72.3	0.0	6.6	6.6	
30	15.4	25.5	20.4	76.0	0.0	9.6	9.6	
31								
Total :					1.3	145.7	169.0	
Promedio :	16.2	26.5	20.9	73.7				

Estación : LLANADAS
Año : 1997

Dpto. : CALDAS
Mpio. : MANZANARES

Latitud : 5 ° 12 ' N
Longitud : 75 ° 8 ' W
Altitud : 1420 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	26.8	20.6	64.7	0.0	0.0	0.0	
2	15.4	28.9	20.8	52.7	0.0	.8	.8	
3	14.4	25.4	20.0	76.0	0.0	0.0	0.0	
4	16.6	27.9	20.8	62.3	0.0	0.0	0.0	
5	15.1	25.5	20.3	72.3	0.0	0.0	0.0	
6	15.6	27.9	21.4	65.3	0.0	0.0	0.0	
7	16.9	28.0	21.8	62.0	0.0	0.0	0.0	
8	15.7	28.3	21.4	68.7	0.0	1.4	1.4	
9	15.8	26.4	20.2	75.7	0.0	0.0	0.0	
10	15.0	27.4	21.0	65.3	0.0	0.0	0.0	
11	14.8	27.5	21.2	64.0	0.0	0.0	0.0	
12	16.0	26.9	20.5	64.3	0.0	0.0	0.0	
13	15.2	29.4	22.0	50.0	0.0	0.0	0.0	
14	15.3	27.5	21.1	61.7	0.0	0.0	0.0	
15	16.0	29.0	22.2	55.7	0.0	0.0	0.0	
16	15.9	28.8	21.9	62.3	0.0	0.0	0.0	
17	15.4	27.7	21.2	57.7	0.0	0.0	0.0	
18	15.8	27.8	20.6	60.0	0.0	0.0	0.0	
19	15.2	28.9	21.5	51.0	0.0	0.0	0.0	
20	16.9	30.5	22.0	51.3	0.0	0.0	0.0	
21	16.0	28.0	21.3	59.3	0.0	0.0	0.0	
22	15.2	27.9	20.4	67.3	0.0	0.0	0.0	
23	16.0	29.8	21.7	57.3	0.0	0.0	0.0	
24	15.6	29.6	20.9	61.0	0.0	0.0	0.0	
25	15.8	24.9	19.8	66.3	0.0	0.0	0.0	
26	14.2	27.9	21.4	59.3	0.0	0.0	0.0	
27	14.5	25.8	20.1	68.0	0.0	0.0	0.0	
28	16.2	27.3	20.4	66.7	0.0	0.0	0.0	
29	16.4	27.3	21.7	67.7	0.0	59.3	59.3	
30	17.0	26.6	20.9	72.3	0.0	6.2	6.2	
31	18.0	29.4	23.2	63.7	0.0	24.5	24.5	
Total :					0.0	92.2	92.2	
Promedio :	15.8	27.8	21.1	63.0				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.0	22.5	54.3	0.0	0.0	0.0	
2	16.7	28.4	21.1	61.7	0.0	0.0	0.0	
3	16.8	26.9	21.0	56.7	0.0	0.0	0.0	
4	16.2	29.4	22.0	50.0	0.0	0.0	0.0	
5	16.9	28.3	21.7	64.7	0.0	0.0	0.0	
6	18.3	27.0	22.5	60.0	0.0	0.0	0.0	
7	17.7	28.8	21.7	56.3	0.0	0.0	0.0	
8	14.8	27.9	21.1	57.0	0.0	0.0	0.0	
9	15.6	25.3	20.1	70.3	0.0	0.0	0.0	
10	16.2	26.6	20.4	66.7	0.0	0.0	0.0	
11	16.0	29.4	21.6	54.0	0.0	0.0	0.0	
12	17.3	29.2	22.3	55.7	0.0	0.0	0.0	
13	16.7	27.2	21.2	60.7	0.0	0.0	0.0	
14	17.0	28.3	21.2	66.7	0.0	0.0	0.0	
15	15.9	28.7	22.0	58.7	0.0	0.0	0.0	
16	17.1	29.2	22.5	57.0	0.0	0.0	0.0	
17	17.3	28.6	21.7	61.7	.1	.1	.2	
18	16.8	28.9	21.8	54.7	0.0	0.0	0.0	
19	18.8	24.5	20.2	73.0	0.0	0.0	.4	
20	16.2	29.0	21.3	52.7	0.0	0.0	0.0	
21	15.0	29.5	22.2	52.7	0.0	0.0	0.0	
22	17.5	28.3	21.6	60.3	0.0	0.0	0.0	
23	16.0	28.6	22.6	55.3	0.0	0.0	0.0	
24	17.0	28.8	21.7	66.3	0.0	0.0	0.0	
25	16.8	29.5	22.4	61.7	0.0	0.0	0.0	
26	17.7	28.8	22.1	62.0	0.0	0.0	0.0	
27	17.2	28.5	21.3	59.0	0.0	0.0	0.0	
28	15.8	29.0	21.8	50.3	0.0	0.0	0.0	
29	15.7	29.9	21.7	46.3	0.0	0.0	0.0	
30	16.0	28.7	21.6	65.7	0.0	0.0	0.0	
31	17.9	28.6	21.9	63.3	0.0	1.5	1.5	
Total :					.1	1.6	2.1	
Promedio :	16.7	28.4	21.6	59.2				

Estación : LLANADAS
Año : 1997

Dpto. : CALDAS
Mpio. : MANZANARES

Latitud : 5 ° 12 ' N
Longitud : 75 ° 8 ' W
Altitud : 1420 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	26.9	21.1	68.7	0.0	13.3	13.3	
2	16.5	27.3	21.1	70.0	0.0	0.0	0.0	
3	15.5	28.8	21.6	64.7	0.0	0.0	0.0	
4	16.9	28.9	21.9	65.7	0.0	12.8	12.8	
5	17.0	27.4	22.3	74.0	0.0	16.1	16.6	
6	16.0	28.5	21 6	68.0	0.0	31.3	31.3	
7	17.0	25.6	20.8	80.0	0.0	77.3	77.3	
8	16.1	25.0	20.4	74.3	0.0	59.1	59.2	
9	16.9	26.3	21.4	73.0	0.0	13.2	13.2	
10	17.0	29.0	21.7	72.0	0.0	0.0	1.8	
11	17.3	28.9	21.9	67.3	0.0	0.0	0.0	
12	17.0	29.4	22.4	49.0	0.0	0.0	0.0	
13	16.9	28.8	21.8	63.7	0.0	0.0	0.0	
14	17.0	28.4	21.6	64.7	0.0	0.0	0.0	
15	16.7	28.0	21.5	64.3	0.0	0.0	0.0	
16	16.9	27.7	21.8	61.7	0.0	0.0	0.0	
17	15.7	29.5	20.8	58.0	0.0	0.0	0.0	
18	16.0	27.6	21.3	65.0	0.0	0.0	0.0	
19	16.8	27.1	21.4	77.7	0.0	6.0	6.0	
20	17.2	24.2	20.5	78.0	0.0	19.6	32.8	
21	17.0	26.5	21.2	75.7	0.0	24.9	24.9	
22	16.9	25.9	20.4	79.3	0.0	3.7	3.7	
23	17.8	21.6	18.9	86.7	0.0	0.0	19.5	
24	16.8	26.0	21.2	78.7	0.0	2.5	2.5	
25	16.9	27.2	21.2	71.7	0.0	5.4	6.4	
26	17.3	28.1	22.1	66.7	0.0	0.0	0.0	
27	17.0	27.4	21.4	68.0	0.0	.5	.5	
28	17.1	27.6	22.0	63.3	0.0	0.0	0.0	
29	16.0	27.0	20.4	74.0	0.0	0.0	0.0	
30	16.4	28.6	21.5	65.7	0.0	0.0	0.0	
31								
Total :					0.0	285.7	321.8	
Promedio :	16.8	27.3	21.3	69.7				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.9	21.4	71.7	0.0	33.2	33.2	
2	16.2	27.4	21.0	74.7	0.0	0.0	.2	
3	18.7	24.4	20.5	80.0	0.0	0.0	0.0	
4	15.9	27.6	21.1	71.0	0.0	7.7	7.7	
5	16.8	25.0	20.0	73.0	0.0	0.0	14.0	
6	16.4	26.9	20.9	76.3	0.0	0.0	0.0	
7	17.0	27.0	20 9	64.7	0.0	0.0	0.0	
8	16.0	28.4	21.4	58.3	0.0	0.0	0.0	
9	16.1	28.0	21.1	67.3	0.0	24.1	24.1	
10	16.7	27.4	21.1	73.3	.1	.1	.2	
11	17.0	26.4	20.5	75.0	0.0	0.0	0.0	
12	16.7	25.7	21.1	75.3	0.0	61.0	61.0	
13	17.8	26.4	20.8	73.3	0.0	0.0	7.2	
14	16.7	25.3	20.3	73.0	0.0	0.0	0.0	
15	16.2	25.4	19.7	73.7	10.8	0.0	10.8	
16	16.0	24.3	19.4	77.0	0.0	9.5	9.5	
17	16.8	25.3	20.4	76.7	.3	9.2	9.5	
18	16.5	25.7	20.0	75.7	7.4	12.3	19.7	
19	15.8	25.2	20.2	78.0	0.0	0.0	0.0	
20	16.3	28.0	20.8	68.7	0.0	18.8	18.8	
21	16.5	27.8	21.4	72.0	0.0	1.2	1.2	
22	17.6	26.1	21.2	75.0	0.0	9.8	9.8	
23	17.0	27.7	21.3	74.0	0.0	0.0	0.0	
24	16.9	28.0	22.3	67.3	0.0	0.0	0.0	
25	17.3	31.0	23.8	56.3	0.0	0.0	0.0	
26	17.8	29.4	22.7	66.3	0.0	0.0	0.0	
27	16.6	28.0	21.5	74.3	0.0	0.0	0.0	
28	16.8	28.8	21.5	72.3	0.0	1.2	1.2	
29	18.0	25.0	20.8	78.7	0.0	0.0	1.2	
30	17.6	27.6	22.0	65.3	0.0	0.0	0.0	
31	17.1	28.9	22.8	68.7	0.0	16.6	16.6	
Total :					18.6	204.7	245.9	
Promedio :	16.8	27.0	21.1	71.8				

Estación : LLANADAS
Año : 1997

Dpto. : CALDAS
Mpio. : MANZANARES

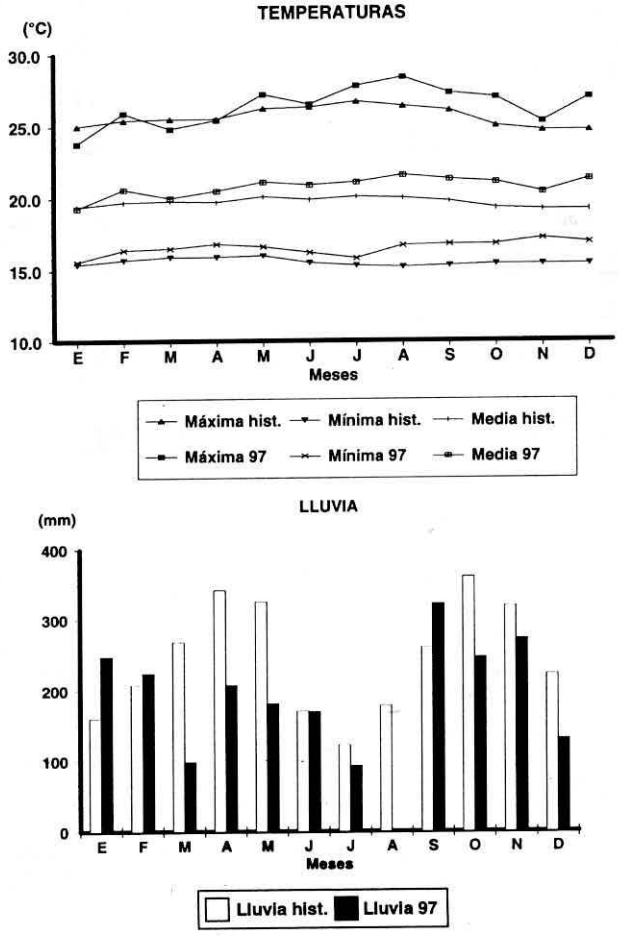
Latitud : 5 ° 12 ' N
Longitud : 75 ° 8 ' W
Altitud : 1420 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.9	26.0	20.2	77.0	0.0	0.0	0.0	
2	16.4	28.7	22.0	68.3	0.0	0.0	0.0	
3	17.1	26.7	20.8	76.0	0.0	7.5	7.5	
4	17.2	27.6	21.2	78.3	0.0	16.3	16.3	
5	17.9	25.6	21.5	75.7	0.0	.4	.4	
6	18.0	25.9	21.0	78.0	9.8	57.2	67.0	
7	18.4	24.4	20.3	81.0	0.0	31.0	32.0	
8	17.7	24.4	20.2	80.3	.2	.6	4.7	
9	17.5	22.1	19.5	85.7	3.3	9.6	12.9	
10	17.0	23.0	19.6	83.7	0.0	0.0	0.0	
11	18.0	25.8	21.2	79.3	.1	9.6	9.7	
12	17.9	25.5	21.0	79.0	.2	12.0	12.2	
13	17.5	26.2	20.1	77.3	2.9	18.9	21.8	
14	17.0	20.1	17.8	83.7	0.0	0.0	23.1	
15	15.8	23.2	19.0	74.3	1.0	0.0	1.6	
16	16.3	24.3	19.8	76.0	0.0	0.0	0.0	
17	17.0	25.0	20.4	80.0	0.0	28.0	28.0	
18	16.9	26.9	21.0	74.7	0.0	0.0	0.0	
19	17.7	26.4	21.0	75.0	0.0	9.0	9.0	
20	17.0	23.9	19.7	81.3	0.0	7.8	8.6	
21	17.3	26.0	20.8	78.7	0.0	0.0	.7	
22	16.8	28.9	22.2	69.3	0.0	0.0	0.0	
23	17.4	28.5	21.7	63.7	0.0	0.0	0.0	
24	17.2	25.3	20.6	74.0	0.0	0.0	0.0	
25	17.5	25.8	19.8	75.7	5.0	2.1	7.1	
26	17.8	22.3	18.5	88.3	.3	.1	.4	
27	17.0	23.9	19.4	81.3	6.0	0.0	6.0	
28	15.5	27.5	21.4	68.3	0.0	0.0	0.0	
29	17.0	25.2	20.3	79.3	0.0	0.0	0.0	
30	16.9	23.5	19.7	77.7	3.3	.1	3.4	
31								
Total :					32.1	210.2	272.4	
Promedio :	17.2	25.3	20.4	77.4				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.0	25.1	20.4	79.0	0.0	0.0	0.0	
2	17.2	26.6	21.5	70.7	0.0	7.5	7.5	
3	16.8	27.0	20.9	74.3	0.0	0.0	0.0	
4	15.2	29.4	22.1	58.0	0.0	0.0	0.0	
5	17.0	28.5	21.9	62.3	0.0	0.0	0.0	
6	17.2	29.0	21.5	75.0	0.0	0.0	0.0	
7	16.8	28.9	22.2	63.3	0.0	0.0	0.0	
8	16.0	28.5	21.0	56.7	0.0	0.0	0.0	
9	16.2	28.2	21.5	64.0	0.0	0.0	0.0	
10	17.0	26.0	21.5	75.3	0.0	0.0	0.0	
11	16.5	27.0	20.8	77.3	0.0	0.0	0.0	
12	17.8	26.0	21.0	72.7	0.0	0.0	0.0	
13	17.0	27.7	22.4	70.3	0.0	.4	.4	
14	17.5	27.0	21.4	73.3	0.0	18.3	18.3	
15	17.7	22.5	19.4	84.0	0.0	0.0	0.0	
16	16.9	25.0	20.6	74.7	.2	0.0	.2	
17	18.3	25.1	20.5	80.0	0.0	.4	.4	
18	16.8	24.8	20.8	74.7	0.0	0.0	0.0	
19	17.0	25.0	21.2	74.3	0.0	5.2	5.2	
20	16.7	26.0	21.1	72.7	0.0	0.0	0.0	
21	16.8	24.5	20.3	75.0	0.0	7.9	7.9	
22	17.3	27.5	21.5	68.7	0.0	0.0	0.0	
23	16.3	30.5	21.5	53.3	0.0	0.0	0.0	
24	16.9	30.7	22.6	53.7	0.0	0.0	0.0	
25	16.2	29.9	22.0	58.0	0.0	0.0	0.0	
26	17.0	28.5	22.0	64.3	0.0	0.0	0.0	
27	16.6	28.2	22.0	70.0	0.0	0.0	0.0	
28	17.2	25.6	21.7	75.7	0.0	0.0	0.0	
29	17.5	29.2	22.1	71.7	0.0	0.0	0.0	
30	17.2	23.2	20.2	85.0	0.0	0.0	12.2	
31	16.9	27.3	21.2	76.0	0.0	78.3	78.3	
Total :					.2	118.0	130.4	
Promedio :	16.9	27.0	21.3	70.5				

Estación : LLANADAS **Dpto. :** CALDAS **Latitud :** 5 ° 12 'N
Año : 1997 **Mpio. :** MANZANARES **Longitud :** 75 ° 8 'W
Altitud : 1420 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.6	23.8	19.3	25.4	14.0	76.7	247.7	24	
Febrero	16.4	25.9	20.6	29.8	15.0	72.3	224.3	16	
Marzo	16.5	24.8	20.0	28.5	14.5	75.0	97.9	17	
Abril	16.8	25.4	20.5	28.2	15.6	77.4	207.5	22	
Mayo	16.6	27.2	21.1	29.9	14.6	70.3	180.7	16	
Junio	16.2	26.5	20.9	28.9	15.0	73.7	169.0	19	
Julio	15.8	27.8	21.1	30.5	14.2	63.0	92.2	5	
Agosto	16.7	28.4	21.6	30.0	14.8	59.2	2.1	3	
Septiembre	16.8	27.3	21.3	29.5	15.5	69.7	321.8	16	
Octubre	16.8	27.0	21.1	31.0	15.8	71.8	245.9	18	
Noviembre	17.2	25.3	20.4	28.9	15.5	77.4	272.4	20	
Diciembre	16.9	27.0	21.3	30.7	15.2	70.5	130.4	9	
Promedio :	16.5	26.4	20.8			71.4			
Absoluta :				31.0	14.0				
Total :							2191.9	185	



Estación : SANTAGUEDA Dpto. : CALDAS Latitud : 5 ° 5 ' N
Año : 1997 Mpio. : PALESTINA Longitud : 75 ° 40 ' W
Altitud : 1010 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	24.0	20.6	87.0	1.8	2.5	4.3	.1
2	18.0	27.5	22.2	75.7	2.8	0.0	2.8	2.8
3	19.2	29.0	22.8	74.0	0.0	0.0	0.0	4.9
4	18.7	30.5	22.4	73.7	0.0	0.0	0.0	7.9
5	17.2	31.0	22.8	71.0	0.0	0.0	0.0	7.4
6	18.7	30.0	23.4	70.0	0.0	3.4	3.4	7.2
7	19.2	26.5	20.9	84.7	2.5	0.0	2.5	.9
8	16.7	30.5	22.2	71.0	0.0	9.0	9.0	8.4
9	17.4	28.8	22.4	80.0	.5	13.2	13.7	4.9
10	17.9	26.8	20.7	79.0	5.2	9.1	14.3	1.9
11	17.8	28.0	22.0	77.0	0.0	4.9	4.9	3.6
12	17.9	30.0	23.4	67.7	0.0	35.3	35.3	7.1
13	18.0	30.1	24.0	65.7	0.0	0.0	0.0	9.0
14	16.0	30.9	23.4	68.3	0.0	0.0	0.0	7.1
15	17.0	30.5	23.4	65.3	0.0	14.1	14.1	6.5
16	18.7	30.0	23.2	68.3	.4	7.9	8.3	6.6
17	18.9	28.1	23.0	75.0	0.0	2.3	2.3	4.9
18	19.0	29.8	23.2	73.0	0.0	0.0	0.0	7.5
19	16.0	30.1	23.0	66.3	0.0	0.0	0.0	8.1
20	19.0	28.0	22.4	72.3	0.0	0.0	0.0	1.6
21	18.3	28.8	21.8	73.7	0.0	0.0	0.0	3.3
22	16.1	30.3	22.5	69.7	0.0	0.0	0.0	8.3
23	17.5	30.0	21.8	73.3	15.0	7.0	22.0	6.5
24	17.0	29.8	22.4	70.7	0.0	31.9	31.9	8.0
25	18.5	29.9	23.2	73.7	0.0	0.0	0.0	6.2
26	19.0	30.2	22.3	70.7	11.4	.2	11.6	6.7
27	17.2	29.7	22.3	73.7	0.0	0.0	0.0	7.3
28	17.7	30.8	23.2	69.3	0.0	0.0	0.0	7.1
29	18.1	31.0	23.5	70.0	0.0	6.8	6.8	5.1
30	18.0	31.2	23.7	67.7	0.0	1.5	1.5	8.3
31	19.0	29.9	23.4	71.3	.6	6.5	7.1	6.7
Total :					40.2	155.6	195.8	181.9
Promedio :	18.0	29.4	22.6	72.5				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.3	29.4	23.2	66.0	0.0	13.8	13.8	5.1
2	18.0	30.0	22.4	74.0	0.0	1.8	1.8	7.5
3	17.0	30.7	21.5	72.7	.1	0.0	.1	6.6
4	15.0	28.1	20.0	78.3	.6	.1	.7	4.4
5	16.2	29.8	22.8	62.3	0.0	0.0	0.0	7.7
6	17.7	29.7	23.0	66.7	0.0	4.4	4.4	7.6
7	17.9	29.3	22.4	68.7	0.0	3.8	3.8	5.7
8	18.0	27.0	21.6	78.3	0.0	0.0	0.0	1.1
9	17.0	30.0	22.5	75.3	0.0	7.0	7.0	4.4
10	16.8	26.2	21.2	77.7	0.0	.1	.1	2.9
11	18.0	26.0	21.8	80.0	.1	2.8	2.9	1.4
12	18.7	27.8	22.6	72.7	0.0	3.0	3.0	2.0
13	17.0	27.6	23.2	74.0	0.0	0.0	0.0	4.1
14	15.9	31.2	24.3	66.0	0.0	18.4	18.4	7.9
15	19.0	30.0	23.2	72.0	0.0	0.0	0.0	4.0
16	18.5	28.2	22.4	70.7	0.0	0.0	0.0	2.3
17	18.9	30.0	22.8	77.0	0.0	0.0	0.0	5.5
18	17.9	31.5	24.0	64.3	0.0	0.0	0.0	7.8
19	18.2	32.0	23.6	72.0	0.0	0.0	0.0	6.5
20	19.6	30.5	24.2	67.0	0.0	5.2	5.2	3.8
21	19.2	31.8	24.3	69.7	0.0	0.0	0.0	8.6
22	19.1	32.0	25.5	62.7	0.0	25.8	25.8	7.4
23	18.4	29.1	23.3	77.7	0.0	19.3	19.3	2.5
24	19.0	30.0	23.4	80.0	12.1	.5	12.6	4.7
25	18.9	27.0	22.6	82.7	0.0	0.0	0.0	.3
26	18.8	32.0	24.3	67.0	0.0	0.0	0.0	6.7
27	19.4	33.1	25.3	67.3	0.0	0.0	0.0	7.6
28	20.0	31.1	24.8	69.3	0.0	0.0	0.0	3.3
29								
30								
31								
Total :					12.9	106.0	118.9	139.4
Promedio :	18.1	29.7	23.1	71.9				

Estación : SANTAGUEDA
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5' N
Longitud : 75 ° 40' W
Altitud : 1010 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.9	28.1	23.1	80.3	0.0	22.3	22.3	.2
2	18.8	31.0	24.8	67.7	0.0	0.0	0.0	5.9
3	19.3	30.5	24.3	71.0	0.0	0.0	0.0	5.8
4	18.7	32.2	24.6	66.7	0.0	0.0	0.0	7.3
5	19.0	25.2	20.4	87.7	4.1	0.0	4.1	.7
6	15.9	31.0	22.7	69.0	0.0	0.0	0.0	8.5
7	15.7	32.1	23.8	64.0	0.0	0.0	0.0	7.8
8	16.7	29.6	23.7	68.7	0.0	0.0	0.0	5.0
9	16.0	32.1	24.3	69.3	0.0	11.7	11.7	8.3
10	19.3	31.9	24.9	70.0	0.0	14.3	14.3	5.9
11	19.1	31.8	25.0	66.3	0.0	4.3	4.3	7.9
12	19.0	30.3	23.6	75.7	0.0	6.2	6.2	4.6
13	18.1	23.1	19.6	94.7	3.8	.2	4.0	.1
14	17.2	31.7	24.6	64.0	0.0	0.0	0.0	8.9
15	16.9	33.3	24.9	66.0	0.0	.5	.5	10.1
16	19.8	29.8	22.2	80.3	20.0	14.1	34.1	3.0
17	19.0	24.9	21.6	86.7	3.4	7.4	10.8	.1
18	17.8	27.8	20.0	84.0	39.8	.5	40.3	3.9
19	17.9	25.7	21.4	79.7	0.0	0.0	0.0	1.8
20	16.9	27.9	23.2	72.0	0.0	0.0	0.0	3.0
21	17.3	28.1	22.4	73.7	0.0	0.0	0.0	3.5
22	15.9	31.0	23.0	68.0	0.0	0.0	0.0	8.2
23	17.3	30.3	23.0	66.3	0.0	0.0	0.0	5.4
24	15.7	32.1	22.8	68.7	0.0	0.0	0.0	9.7
25	16.6	31.9	22.4	70.7	0.0	0.0	0.0	9.4
26	16.3	30.9	22.9	68.0	0.0	0.0	0.0	8.3
27	18.0	31.7	23.0	67.7	0.0	0.0	0.0	7.4
28	17.8	31.0	23.8	61.0	0.0	0.0	0.0	7.6
29	17.6	30.6	23.3	68.3	0.0	0.0	0.0	4.8
30	17.8	30.0	23.0	71.0	2.4	.3	2.7	4.9
31	17.5	29.9	22.5	72.7	.1	0.0	.1	6.4
Total :					73.6	81.8	155.4	174.4
Promedio :	17.7	29.9	23.1	72.3				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	28.6	24.0	70.7	0.0	2.3	2.3	1.3
2	16.9	32.2	24.4	64.3	0.0	0.0	0.0	8.0
3	17.0	32.8	24.7	63.0	0.0	44.7	44.7	8.8
4	18.7	29.2	23.5	70.7	.7	0.0	.7	4.1
5	17.7	31.8	24.8	65.3	0.0	0.0	0.0	8.2
6	18.7	32.0	22.2	75.7	28.4	.6	29.0	8.0
7	17.3	29.0	23.1	76.0	0.0	0.0	0.0	2.2
8	18.1	30.0	24.0	67.0	0.0	1.1	1.1	2.3
9	17.5	30.8	24.6	72.3	0.0	.9	.9	7.7
10	19.0	28.8	23.2	77.0	0.0	3.9	3.9	1.1
11	19.7	27.8	22.6	84.3	0.0	0.0	0.0	.7
12	18.3	32.8	24.0	71.3	.3	0.0	.3	7.3
13	20.0	29.0	23.5	77.0	.9	0.0	.9	2.0
14	17.9	30.0	23.8	74.7	0.0	0.0	0.0	3.3
15	18.7	30.4	23.6	68.7	0.0	0.0	0.0	6.0
16	15.9	32.1	24.4	66.0	0.0	15.9	15.9	8.8
17	18.0	28.2	22.8	79.0	6.4	14.0	20.4	3.7
18	18.2	27.0	22.5	81.3	2.0	0.0	2.0	1.7
19	17.5	28.2	23.8	68.7	15.1	42.9	58.0	5.2
20	18.0	24.2	20.2	94.7	3.9	4.0	7.9	1.3
21	17.9	28.0	21.8	78.0	0.0	.3	.3	2.9
22	18.7	23.8	21.3	88.3	12.5	.3	12.8	.3
23	17.9	28.0	22.2	76.0	0.0	36.0	36.0	3.3
24	16.8	28.2	22.2	74.3	0.0	3.4	3.4	6.4
25	18.1	26.2	20.8	84.7	0.0	0.0	0.0	1.6
26	17.0	29.0	22.2	76.3	0.0	12.1	12.1	5.4
27	18.6	30.0	24.0	69.3	0.0	38.0	38.0	4.9
28	17.2	29.0	22.3	78.0	0.0	0.0	0.0	6.3
29	16.6	32.0	23.9	69.0	0.0	0.0	0.0	10.5
30	18.0	28.8	22.6	77.0	0.0	0.0	0.0	2.9
31								
Total :					70.2	220.4	290.6	136.2
Promedio :	17.9	29.3	23.1	74.6				

Estación : SANTAGUEDA
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5 ' N
Longitud : 75 ° 40 ' W
Altitud : 1010 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	30.5	23.0	70.7	0.0	0.0	0.0	7.8
2	17.5	30.0	23.2	74.7	0.0	1.6	1.6	5.3
3	19.0	31.0	24.4	70.7	0.0	7.9	7.9	7.4
4	18.0	28.5	24.2	77.3	0.0	0.0	0.0	2.7
5	16.5	31.0	23.6	67.7	0.0	0.0	0.0	7.5
6	19.5	30.0	23.6	75.7	0.0	0.0	0.0	2.7
7	18.5	29.6	23.4	74.7	0.0	0.0	0.0	3.8
8	15.5	31.0	24.6	65.0	0.0	0.0	0.0	7.3
9	18.4	29.5	23.6	77.3	0.0	32.0	32.0	3.9
10	19.0	30.0	23.1	79.7	2.3	91.7	94.0	5.5
11	17.5	24.5	20.3	87.3	0.0	0.0	0.0	0.0
12	16.2	29.5	22.1	73.0	0.0	12.0	12.0	4.2
13	17.0	29.0	22.4	79.0	0.0	0.0	0.0	2.8
14	18.0	29.0	22.4	77.0	0.0	.6	.6	5.5
15	16.5	28.5	21.5	81.7	0.0	0.0	0.0	4.2
16	19.0	29.8	24.4	68.7	0.0	0.0	0.0	5.4
17	18.5	31.0	24.5	71.7	0.0	0.0	0.0	5.7
18	18.0	32.5	25.5	68.3	0.0	0.0	0.0	8.5
19	20.5	31.5	25.2	73.3	0.0	0.0	0.0	2.2
20	20.0	31.5	25.9	71.3	0.0	0.0	0.0	5.1
21	18.5	32.2	25.2	71.3	0.0	2.0	2.0	5.3
22	19.0	29.9	24.8	71.7	0.0	0.0	0.0	4.7
23	17.5	33.6	26.1	65.7	0.0	0.0	0.0	8.7
24	20.5	30.2	25.2	70.3	0.0	0.0	0.0	3.9
25	19.5	28.0	23.2	82.3	4.0	0.0	4.0	1.5
26	19.8	25.4	21.0	91.3	5.0	2.0	7.0	0.0
27	19.0	29.7	22.8	78.0	0.0	0.0	0.0	6.3
28	19.1	29.0	23.3	77.7	0.0	0.0	0.0	1.7
29	19.0	29.5	23.5	74.7	0.0	0.0	0.0	3.2
30	20.0	28.0	22.9	87.0	1.0	0.0	1.0	2.1
31	19.2	29.0	22.8	79.3	0.0	10.0	10.0	2.3
Total					12.3	159.8	172.1	137.2
Promedio	18.4	29.8	23.6	75.3				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	29.5	23.8	79.0	0.0	0.0	0.0	4.3
2	19.0	30.0	23.2	76.7	0.0	0.0	0.0	4.5
3	18.5	31.5	23.2	72.0	14.0	1.0	15.0	6.9
4	18.0	23.0	20.2	92.3	26.0	0.0	26.0	0.0
5	17.5	29.5	22.6	75.3	0.0	0.0	0.0	5.5
6	19.0	28.8	22.0	77.0	19.0	2.0	21.0	2.5
7	19.1	26.0	21.0	85.3	44.0	30.0	74.0	.4
8	18.0	26.5	22.8	77.3	0.0	0.0	0.0	.4
9	17.0	30.5	22.0	79.0	1.0	0.0	1.0	2.0
10	18.5	28.0	23.0	77.3	0.0	0.0	0.0	5.4
11	19.5	28.8	24.0	73.3	0.0	25.0	25.0	3.2
12	19.0	29.5	22.5	80.0	0.0	4.0	4.0	6.2
13	18.5	28.1	22.6	80.0	0.0	2.3	2.3	1.8
14	19.6	31.0	23.7	77.0	0.0	0.0	0.0	6.5
15	17.2	32.0	24.4	66.0	0.0	0.0	0.0	8.4
16	19.9	31.5	24.4	73.0	.2	25.4	25.6	7.7
17	19.0	29.5	23.9	78.0	0.0	.2	.2	4.6
18	19.6	28.8	23.0	79.3	0.0	25.0	25.0	2.9
19	18.0	26.0	21.3	82.0	3.0	0.0	3.0	1.6
20	18.5	31.8	23.5	70.3	0.0	0.0	0.0	6.2
21	19.0	32.5	25.2	68.3	0.0	0.0	0.0	8.0
22	18.9	33.5	27.2	56.7	0.0	0.0	0.0	10.8
23	19.5	32.8	25.0	69.0	0.0	4.7	4.7	5.1
24	19.0	28.5	24.0	75.7	0.0	3.8	3.8	.2
25	19.5	29.0	23.2	76.3	.5	.6	1.1	3.7
26	19.0	27.0	22.5	81.3	.8	2.8	3.6	1.0
27	19.7	29.5	23.4	78.0	0.0	0.0	0.0	5.7
28	16.5	32.0	23.2	72.7	0.0	1.1	1.1	9.1
29	18.0	31.8	24.4	71.3	0.0	4.7	4.7	8.3
30	19.5	30.5	23.2	75.7	0.0	5.3	5.3	7.8
31								
Total					108.5	137.9	246.4	140.7
Promedio	18.7	29.6	23.3	75.8				

Estación : SANTAGUEDA
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5' N
Longitud : 75 ° 40' W
Altitud : 1010 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	30.8	23.3	74.3	0.0	0.0	0.0	5.4
2	18.0	30.9	23.4	72.0	0.0	0.0	0.0	8.3
3	17.0	29.0	22.6	76.7	0.0	0.0	0.0	4.1
4	16.5	32.5	23.5	68.7	0.0	0.0	0.0	10.1
5	19.0	29.5	25.0	74.3	0.0	0.0	0.0	3.6
6	17.0	33.5	24.8	65.7	0.0	0.0	0.0	8.7
7	17.0	31.5	24.0	74.3	.3	.3	.6	6.3
8	17.5	29.6	24.1	67.0	0.0	0.0	0.0	3.7
9	19.3	28.1	24.2	72.7	0.0	1.3	1.3	2.2
10	18.4	30.5	25.0	63.0	0.0	0.0	0.0	7.8
11	19.0	30.0	23.8	73.3	.6	0.0	.6	2.5
12	17.0	31.5	23.7	76.0	0.0	0.0	0.0	4.6
13	15.0	34.0	24.8	67.7	0.0	0.0	0.0	10.3
14	16.5	28.4	23.1	70.3	0.0	0.0	0.0	3.0
15	16.0	29.5	23.6	70.7	0.0	0.0	0.0	3.9
16	18.5	30.5	23.7	70.0	0.0	0.0	0.0	6.6
17	18.5	32.8	24.6	60.7	0.0	0.0	0.0	9.1
18	17.0	33.5	24.1	68.7	0.0	0.0	0.0	10.2
19	16.0	35.0	24.5	63.0	0.0	0.0	0.0	10.1
20	15.5	35.0	24.5	61.7	0.0	0.0	0.0	9.7
21	15.5	32.5	24.9	60.7	0.0	0.0	0.0	8.5
22	17.0	28.5	23.7	74.3	0.0	0.0	0.0	.7
23	15.5	35.5	25.7	51.3	0.0	0.0	0.0	10.6
24	15.5	36.3	26.0	53.7	0.0	0.0	0.0	9.9
25	18.0	30.0	23.2	71.3	0.0	0.0	0.0	.2
26	16.0	34.0	24.4	63.3	0.0	0.0	0.0	6.9
27	17.0	29.5	23.8	71.0	0.0	0.0	0.0	0.0
28	17.5	28.0	22.2	77.7	0.0	0.0	0.0	2.1
29	18.0	32.0	24.7	61.3	0.0	3.5	3.5	6.2
30	19.0	31.0	24.1	68.3	0.0	0.0	0.0	5.1
31	18.5	33.5	26.2	55.0	0.0	23.7	23.7	8.0
Total					.9	28.8	29.7	188.4
Promedio :	17.3	31.5	24.2	67.7				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	35.0	25.0	64.7	0.0	0.0	0.0	9.9
2	18.5	31.5	25.4	70.3	0.0	0.0	0.0	1.6
3	17.0	32.5	23.7	66.3	0.0	0.0	0.0	3.8
4	14.8	34.0	24.6	61.0	0.0	0.0	0.0	6.0
5	17.5	34.8	26.0	64.3	0.0	0.0	0.0	8.9
6	20.2	33.0	27.6	61.7	0.0	0.0	0.0	6.3
7	19.0	33.0	27.0	60.0	0.0	0.0	0.0	4.8
8	16.0	34.5	25.5	57.7	0.0	0.0	0.0	6.9
9	18.0	31.0	25.8	57.7	0.0	0.0	0.0	1.7
10	17.5	29.5	25.1	66.0	0.0	0.0	0.0	5.5
11	15.5	31.8	24.1	62.0	0.0	0.0	0.0	4.2
12	19.0	33.0	25.4	63.7	0.0	17.1	17.1	6.9
13	19.8	30.5	24.7	69.3	0.0	.2	.2	5.2
14	20.0	31.5	23.5	83.0	.2	0.0	.2	3.9
15	17.0	33.5	25.0	61.0	0.0	0.0	0.0	9.2
16	17.5	34.8	26.3	54.0	0.0	0.0	0.0	9.0
17	19.0	34.0	25.4	65.3	0.0	0.0	0.0	7.8
18	18.0	33.5	24.8	63.3	0.0	3.5	3.5	7.4
19	20.0	29.5	23.5	71.0	0.0	0.0	0.0	2.0
20	17.5	34.0	24.2	58.7	0.0	0.0	0.0	8.6
21	13.8	35.5	24.2	55.0	0.0	0.0	0.0	9.7
22	19.5	33.5	25.0	61.0	0.0	0.0	0.0	4.9
23	17.0	32.5	24.5	68.0	0.0	0.0	0.0	7.3
24	18.5	33.5	26.4	56.3	0.0	0.0	0.0	7.2
25	17.0	35.0	25.7	62.3	0.0	0.0	0.0	7.7
26	19.0	33.5	25.6	66.0	0.0	0.0	0.0	5.2
27	19.0	32.5	25.4	63.0	0.0	0.0	0.0	2.0
28	15.0	35.5	24.8	56.7	0.0	0.0	0.0	7.4
29	15.0	35.0	24.8	54.0	0.0	0.0	0.0	8.9
30	15.5	34.9	25.1	58.7	0.0	0.0	0.0	8.8
31	16.2	35.0	24.9	64.0	0.0	0.0	0.0	8.8
Total					.2	20.8	21.0	197.5
Promedio :	17.6	33.3	25.1	62.8				

Estación : SANTAGUEDA **Dpto. : CALDAS** **Latitud : 5 ° 5 ' N**
Año : 1997 **Mpio. : PALESTINA** **Longitud : 75 ° 40 ' W**
Altitud : 1010 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.8	32.0	23.2	76.7	0.0	21.5	21.5	2.7
2	18.9	30.0	23.5	74.3	0.0	0.0	0.0	5.3
3	16.7	29.7	22.2	75.0	0.0	0.0	0.0	3.5
4	16.9	34.3	24.7	59.7	0.0	8.3	8.3	8.5
5	18.8	32.5	24.7	65.0	0.0	20.8	20.8	5.6
6	17.8	32.7	22.7	70.7	.3	0.0	.3	6.0
7	19.2	31.5	23.0	75.0	1.4	10.0	11.4	4.9
8	18.5	27.8	23.2	79.7	0.0	0.0	0.0	3.2
9	18.2	28.6	23.5	75.3	0.0	.7	.7	1.7
10	18.7	32.9	23.7	71.7	0.0	0.0	0.0	4.4
11	18.0	31.8	25.6	62.3	0.0	0.0	0.0	4.9
12	17.9	31.2	25.0	69.7	0.0	0.0	0.0	4.5
13	18.0	32.0	25.2	67.7	0.0	0.0	0.0	5.0
14	18.9	32.3	25.5	64.3	0.0	0.0	0.0	6.1
15	17.8	33.2	24.6	64.7	0.0	0.0	0.0	6.2
16	18.8	32.0	24.8	65.3	0.0	0.0	0.0	4.5
17	18.0	31.8	23.8	71.7	0.0	0.0	0.0	2.7
18	16.3	32.8	23.9	67.3	0.0	0.0	0.0	6.3
19	18.2	32.2	24.2	68.3	0.0	.7	.7	6.1
20	19.8	28.1	23.0	77.3	3.3	0.0	3.3	.8
21	18.9	31.2	24.4	72.0	0.0	16.8	16.8	5.2
22	18.8	29.5	22.5	75.3	0.0	0.0	0.0	4.9
23	19.7	28.1	22.3	78.3	2.4	9.7	12.1	.8
24	18.9	29.3	22.6	82.3	0.0	23.1	23.1	2.2
25	17.3	29.0	22.6	78.7	0.0	0.0	0.0	5.7
26	18.4	29.9	22.6	76.3	.3	0.0	.3	4.6
27	16.9	29.5	23.0	76.0	0.0	0.0	0.0	4.2
28	16.8	29.2	22.6	69.3	0.0	0.0	0.0	2.0
29	16.5	31.5	24.6	62.0	0.0	0.0	0.0	7.8
30	15.5	33.5	24.9	56.3	0.0	0.0	0.0	7.9
31								
Total :					7.7	111.6	119.3	138.2
Promedio :	18.1	31.0	23.7	70.9				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	31.8	23.8	67.0	0.0	0.0	0.0	6.3
2	19.5	31.5	23.2	75.3	2.0	.2	2.2	4.9
3	19.0	27.5	22.3	75.3	1.5	0.0	1.5	1.1
4	18.0	32.5	24.4	69.0	0.0	21.7	21.7	5.9
5	19.0	28.5	22.7	78.7	0.0	0.0	0.0	3.9
6	18.0	30.0	23.2	71.7	0.0	0.0	0.0	4.0
7	16.5	31.8	23.2	73.0	0.0	0.0	0.0	7.6
8	17.5	29.5	23.6	73.3	0.0	0.0	0.0	2.2
9	17.0	32.5	23.4	65.0	0.0	0.0	0.0	6.5
10	19.5	30.5	23.8	72.7	0.0	6.6	6.6	8.1
11	18.5	27.5	23.0	77.0	.2	10.1	10.3	2.7
12	19.0	30.0	24.3	64.0	0.0	2.7	2.7	6.0
13	19.2	28.5	22.8	76.3	0.0	0.0	0.0	4.8
14	17.5	31.5	23.8	70.3	0.0	0.0	0.0	8.5
15	18.5	29.5	23.5	71.3	0.0	0.0	0.0	5.5
16	18.0	30.5	24.7	61.7	0.0	24.9	24.9	4.9
17	18.5	28.8	22.6	71.0	0.0	1.5	1.5	5.5
18	19.0	29.5	22.0	77.7	11.2	1.6	12.8	6.1
19	18.3	29.5	23.2	77.0	0.0	0.0	0.0	6.0
20	19.0	31.5	26.0	60.7	0.0	0.0	0.0	7.7
21	18.5	30.0	23.5	73.3	1.6	31.4	33.0	8.1
22	18.1	28.5	23.1	77.3	0.0	0.0	0.0	4.5
23	18.5	31.5	23.8	74.7	0.0	0.0	0.0	8.4
24	19.0	33.5	25.4	65.3	0.0	0.0	0.0	8.0
25	17.5	31.8	23.9	70.3	0.0	0.0	0.0	7.7
26	20.0	33.5	25.6	70.0	0.0	0.0	0.0	8.5
27	18.0	32.8	23.5	71.3	0.0	0.0	0.0	7.7
28	18.5	30.0	24.7	73.7	0.0	.8	.8	4.7
29	20.0	30.5	24.8	72.7	0.0	.3	.3	5.7
30	19.7	32.0	25.1	68.0	0.0	.6	.6	7.6
31	19.0	30.6	24.8	70.7	0.0	0.0	0.0	4.9
Total :					16.5	102.4	118.9	184.0
Promedio :	18.5	30.6	23.8	71.5				

Estación : SANTAGUEDA **Dpto. : CALDAS** **Latitud : 5 ° 5' N**
Año : 1997 **Mpio. : PALESTINA** **Longitud : 75 ° 40' W**
Altitud : 1010 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	18.5	29.8	24.2	75.3	0.0	0.0	0.0	3.5
2	18.0	33.0	24.7	66.7	0.0	0.0	0.0	8.0
3	19.8	29.9	24.2	78.7	0.0	.1	.1	1.2
4	18.8	30.5	23.4	80.0	0.0	23.6	23.6	5.0
5	19.0	31.5	24.4	74.0	0.0	4.6	4.6	7.7
6	19.1	30.5	23.1	78.7	1.7	3.5	5.2	4.2
7	19.5	29.2	23.1	78.7	0.0	39.5	39.5	3.2
8	19.5	26.0	21.2	87.3	1.5	1.5	3.0	.2
9	19.0	25.0	21.9	88.0	0.0	3.9	3.9	.2
10	19.1	28.5	23.1	79.0	0.0	28.1	28.1	4.2
11	18.5	30.0	23.1	74.0	0.0	20.3	20.3	7.1
12	19.0	30.5	22.0	77.3	10.0	33.0	43.0	6.6
13	18.0	27.0	21.8	81.3	0.0	0.0	0.0	3.5
14	18.5	29.0	21.6	76.7	1.5	.6	2.1	3.7
15	18.0	28.0	21.6	79.0	1.0	0.0	1.0	5.5
16	17.5	29.5	23.0	70.7	0.0	2.8	2.8	7.8
17	19.0	27.6	22.2	79.7	9.3	0.0	9.3	1.9
18	18.0	31.0	23.9	72.7	.1	19.4	19.5	5.8
19	18.5	30.0	23.3	76.7	0.0	14.4	14.4	7.1
20	19.0	28.0	22.2	84.3	0.0	.1	.1	3.5
21	17.0	30.5	23.8	73.3	0.0	0.0	0.0	8.0
22	19.0	31.9	25.5	69.0	0.0	.2	.2	8.3
23	19.4	30.5	23.5	74.7	0.0	0.0	0.0	3.9
24	18.5	30.9	24.2	66.3	0.0	0.0	0.0	4.7
25	20.2	29.5	22.8	78.0	.4	.7	1.1	5.7
26	18.0	27.0	21.7	79.7	0.0	0.0	0.0	.8
27	17.7	30.0	23.2	72.3	0.0	0.0	0.0	7.4
28	16.4	32.5	23.2	72.0	0.0	0.0	0.0	8.2
29	18.5	31.5	23.6	73.0	0.0	0.0	0.0	6.0
30	16.0	31.7	23.5	68.7	0.0	13.5	13.5	8.3
31								
Total					25.5	209.8	235.3	151.2
Promedio	18.5	29.7	23.1	76.2				

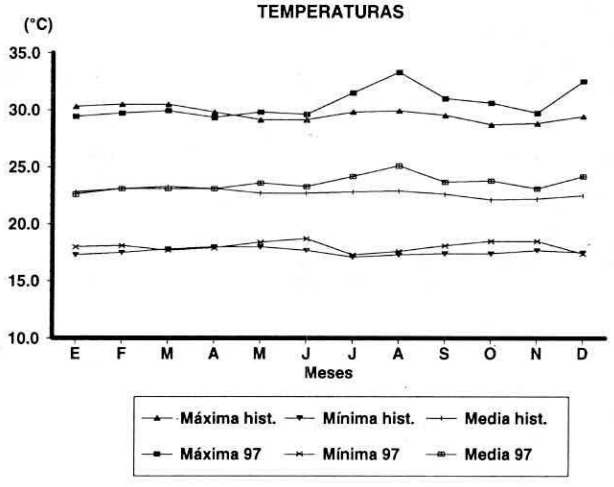
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	18.5	30.5	23.3	77.0	.5	.3	.8	7.5
2	18.0	30.9	23.8	64.7	0.0	.4	.4	6.9
3	19.4	30.5	23.5	75.0	0.0	0.0	0.0	7.6
4	15.0	32.0	22.8	71.7	0.0	0.0	0.0	9.1
5	15.5	31.8	23.1	72.3	0.0	0.0	0.0	8.1
6	15.2	31.0	23.2	74.7	0.0	0.0	0.0	8.3
7	16.5	32.5	23.8	75.0	0.0	0.0	0.0	8.2
8	16.5	32.0	23.7	65.7	0.0	0.0	0.0	7.3
9	18.0	33.5	24.1	71.3	0.0	0.0	0.0	9.1
10	18.5	31.5	23.8	71.3	0.0	0.0	0.0	7.2
11	20.0	33.0	24.9	73.3	0.0	0.0	0.0	8.0
12	19.5	32.8	25.4	74.3	0.0	0.0	0.0	9.0
13	19.0	32.9	23.9	67.0	0.0	0.0	0.0	8.3
14	16.0	31.8	23.8	77.0	.8	4.7	5.5	6.8
15	19.0	28.5	23.2	81.7	0.0	0.0	0.0	2.9
16	17.5	31.8	23.6	69.7	0.0	0.0	0.0	6.8
17	17.0	32.5	24.6	69.0	0.0	0.0	0.0	8.6
18	16.7	33.1	24.4	65.7	0.0	0.0	0.0	8.4
19	16.0	33.5	24.8	66.0	0.0	0.0	0.0	8.6
20	19.0	33.2	24.3	67.3	0.0	0.0	0.0	8.8
21	17.5	32.5	23.5	66.0	0.0	0.0	0.0	6.7
22	17.5	32.0	24.8	65.0	0.0	0.0	0.0	7.4
23	15.5	35.0	24.6	66.3	0.0	0.0	0.0	8.3
24	16.4	33.0	25.6	63.3	0.0	0.0	0.0	8.2
25	16.0	32.0	24.0	70.0	0.0	0.0	0.0	6.9
26	18.0	34.8	24.9	66.0	0.0	0.0	0.0	8.0
27	18.5	34.0	25.8	60.0	0.0	0.0	0.0	8.6
28	17.0	34.5	25.0	65.0	0.0	0.0	0.0	9.3
29	18.0	34.5	25.2	57.7	0.0	0.0	0.0	9.0
30	17.5	33.0	24.9	52.0	0.0	0.0	0.0	8.1
31	15.6	33.5	24.4	54.0	0.0	.3	.3	7.9
Total					1.3	5.7	7.0	243.9
Promedio	17.4	32.5	24.2	68.2				

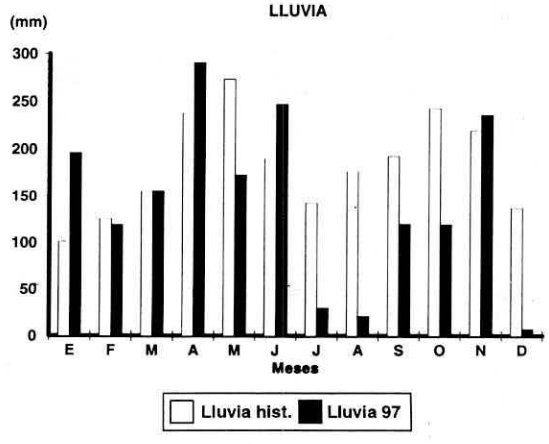
Estación : SANTAGUEDA
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5 'N
Longitud : 75 ° 40 'W
Altitud : 1010 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	18.0	29.4	22.6	31.2	16.0	72.5	195.8	18	181.9
Febrero	18.1	29.7	23.1	33.1	15.0	71.9	118.9	15	139.4
Marzo	17.7	29.9	23.1	33.3	15.7	72.3	155.4	13	174.4
Abril	17.9	29.3	23.1	32.8	15.9	74.6	290.6	20	136.2
Mayo	18.4	29.8	23.6	33.6	15.5	75.3	172.1	11	137.2
Junio	18.7	29.6	23.3	33.5	16.5	75.8	246.4	19	140.7
Julio	17.3	31.5	24.2	36.3	15.0	67.7	29.7	5	188.4
Agosto	17.6	33.3	25.1	35.5	13.8	62.8	21.0	4	197.5
Septiembre	18.1	31.0	23.7	34.3	15.5	70.9	119.3	12	138.2
Octubre	18.5	30.6	23.8	33.5	16.5	71.5	118.9	13	184.0
Noviembre	18.5	29.7	23.1	33.0	16.0	76.2	235.3	20	151.2
Diciembre	17.4	32.5	24.2	35.0	15.0	68.2	7.0	4	243.9
Promedio :	18.0	30.5	23.6			71.6			
Absoluta :				36.3	13.8				
Total :							1710.4	154	2013.0





Estación : GRANJA LUKER
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5 ' N
Longitud : 75 ° 41 ' W
Altitud : 1020 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.1	24.0	21.0	90.0	7.3	5.1	12.4	0.0
2	19.0	26.5	21.8	83.0	5.7	.1	5.8	3.5
3	19.5	28.5	22.8	79.3	0.0	0.0	0.0	4.5
4	19.0	30.0	22.4	78.3	0.0	0.0	0.0	7.6
5	18.0	30.8	23.3	75.3	0.0	0.0	0.0	8.0
6	18.8	29.5	23.2	74.3	0.0	3.8	3.8	8.2
7	19.5	26.0	21.4	85.3	14.2	0.0	14.2	.6
8	17.0	31.0	23.0	74.0	0.0	3.9	3.9	9.0
9	18.5	29.5	22.4	83.7	.3	14.9	15.2	4.7
10	18.0	27.0	21.0	87.0	3.5	16.3	19.8	1.6
11	18.0	28.0	21.8	80.3	0.0	1.4	1.4	4.0
12	18.5	29.8	22.9	78.0	0.0	40.0	40.0	7.7
13	17.5	30.0	22.8	74.3	0.0	0.0	0.0	8.7
14	16.0	30.5	22.6	74.7	0.0	0.0	0.0	7.0
15	17.5	30.0	23.8	70.0	0.0	8.2	8.2	6.8
16	18.8	29.9	23.1	77.3	2.8	5.8	8.6	6.7
17	19.5	28.0	22.8	81.3	0.0	1.3	1.3	6.2
18	19.0	29.0	23.3	78.3	0.0	0.0	0.0	7.9
19	16.9	29.8	22.8	75.3	0.0	0.0	0.0	8.0
20	19.0	27.0	22.2	78.0	0.0	0.0	0.0	1.4
21	18.2	28.8	22.2	74.7	0.0	.2	.2	3.0
22	17.0	30.0	23.2	72.0	0.0	0.0	0.0	8.6
23	18.5	29.8	21.6	79.3	25.0	8.0	33.0	6.3
24	17.0	30.0	22.3	76.7	0.0	32.0	32.0	8.0
25	18.8	29.5	23.0	78.3	0.0	.5	.5	5.6
26	19.0	29.8	22.1	79.3	2.6	1.2	3.8	7.5
27	17.0	29.0	21.8	79.3	0.0	0.0	0.0	8.4
28	17.5	30.5	22.3	75.7	7.7	0.0	7.7	7.9
29	18.5	30.0	23.3	75.0	0.0	4.2	4.2	5.8
30	18.0	30.8	23.4	73.0	0.0	1.2	1.2	8.8
31	19.0	30.0	23.2	76.7	.8	8.1	8.9	6.8
Total :					69.9	156.2	226.1	188.8
Promedio :	18.2	29.1	22.5	78.0				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	28.8	22.5	76.0	0.0	7.9	7.9	4.4
2	18.5	30.0	22.4	80.0	0.0	0.0	0.0	8.2
3	17.0	30.1	22.0	79.0	.2	0.0	.2	7.0
4	16.0	28.5	20.8	83.0	.4	0.0	.4	3.7
5	17.0	30.0	23.4	69.3	0.0	0.0	0.0	7.3
6	18.0	29.3	22.8	74.0	0.0	11.1	11.1	6.9
7	18.5	29.5	23.2	75.3	0.0	7.8	7.8	5.2
8	18.6	28.0	21.7	82.7	.7	0.0	.7	1.4
9	18.0	30.0	22.8	80.0	0.0	9.9	9.9	4.9
10	16.5	27.0	21.3	82.0	0.0	0.0	0.0	2.4
11	18.8	25.5	22.0	83.7	0.0	7.3	7.3	1.5
12	19.0	28.7	22.7	81.7	0.0	1.8	1.8	2.4
13	17.5	27.8	22.5	81.0	0.0	0.0	0.0	4.3
14	17.0	31.5	24.5	72.3	0.0	14.2	14.2	8.0
15	20.0	30.0	23.5	80.3	.2	.2	.4	4.4
16	18.9	28.0	23.0	79.7	0.0	0.0	0.0	2.3
17	19.0	29.9	23.5	81.7	0.0	.2	.2	5.5
18	18.5	32.0	24.2	74.0	0.0	0.0	0.0	8.3
19	19.0	32.5	24.4	76.3	0.0	0.0	0.0	7.8
20	20.5	31.4	24.4	75.7	0.0	2.7	2.7	4.3
21	20.6	32.3	25.2	76.0	0.0	0.0	0.0	8.4
22	20.0	32.5	26.2	74.3	0.0	20.1	20.1	7.5
23	19.7	29.5	24.0	78.0	0.0	13.7	13.7	3.1
24	19.9	30.0	24.0	83.3	12.3	.3	12.6	4.9
25	19.8	28.0	22.9	86.0	0.0	0.0	0.0	.2
26	19.8	32.0	25.4	73.0	0.0	.7	.7	7.6
27	20.5	33.0	25.1	76.3	0.0	0.0	0.0	8.9
28	20.8	31.5	25.3	78.3	0.0	0.0	0.0	3.7
29								
30								
31								
Total :					13.8	97.9	111.7	144.5
Promedio :	18.8	29.9	23.4	78.3				

Estación : GRANJA LUKER
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5 ' N
Longitud : 75 ° 41 ' W
Altitud : 1020 m.

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.5	28.0	24.0	83.0	0.0	10.6	10.6	5.7
2	19.5	31.0	24.4	79.0	0.0	0.0	0.0	5.7
3	20.0	29.5	24.3	76.0	0.0	0.0	0.0	4.6
4	19.5	32.5	24.8	74.0	0.0	0.0	0.0	8.2
5	19.8	26.0	21.4	90.0	3.9	0.0	3.9	.5
6	17.0	31.5	23.3	78.0	0.0	0.0	0.0	8.7
7	16.5	33.1	24.0	74.0	0.0	0.0	0.0	7.9
8	17.5	30.5	23.2	76.3	0.0	0.0	0.0	4.9
9	17.0	32.0	24.8	74.0	0.0	20.0	20.0	8.2
10	19.5	32.6	25.5	77.0	0.0	1.1	1.1	5.9
11	20.4	32.0	25.6	77.0	0.0	3.2	3.2	8.0
12	20.0	31.0	24.2	79.7	0.0	1.5	1.5	4.1
13	19.5	23.5	21.0	93.3	7.1	1.0	8.1	.1
14	18.0	32.0	25.1	74.7	0.0	0.0	0.0	9.5
15	17.9	33.0	26.0	69.3	0.0	0.0	0.0	9.6
16	20.5	30.5	23.2	82.0	18.7	1.0	19.7	2.7
17	19.5	25.8	21.6	89.0	3.2	6.0	9.2	.2
18	19.5	29.2	21.4	86.3	17.7	.2	17.9	3.7
19	19.0	27.5	21.4	87.3	.4	0.0	.4	1.9
20	18.0	28.0	22.8	80.7	.1	0.0	.1	2.2
21	18.5	28.5	22.0	80.0	0.0	0.0	0.0	2.4
22	18.2	31.5	23.0	76.0	0.0	0.0	0.0	8.1
23	18.0	30.9	23.8	71.7	0.0	0.0	0.0	5.3
24	16.2	32.8	23.3	72.0	0.0	0.0	0.0	9.6
25	17.5	32.0	23.2	73.3	0.0	0.0	0.0	8.9
26	18.0	31.0	24.4	69.3	0.0	0.0	0.0	8.2
27	18.5	31.8	23.5	72.7	0.0	0.0	0.0	6.2
28	19.0	32.0	24.8	69.3	0.0	0.0	0.0	7.6
29	18.5	31.0	23.8	73.3	0.0	0.0	0.0	5.4
30	18.0	30.5	22.6	80.7	3.3	.1	3.4	4.4
31	18.5	30.8	23.5	76.7	0.0	0.0	0.0	5.7
Total :					54.4	44.7	99.1	174.1
Promedio :	18.6	30.4	23.5	77.9				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.9	29.0	23.8	78.0	0.0	.1	.1	1.6
2	18.0	32.8	24.2	73.0	0.0	0.0	0.0	7.8
3	18.6	33.0	24.9	70.7	0.0	30.0	30.0	7.8
4	19.5	29.5	23.9	83.3	1.5	0.0	1.5	3.5
5	19.0	31.6	24.4	74.7	0.0	0.0	0.0	8.0
6	19.4	31.5	22.6	80.7	28.3	0.0	28.3	7.4
7	17.5	29.5	22.9	81.7	0.0	0.0	0.0	2.1
8	19.0	29.5	24.2	76.0	0.0	0.0	0.0	1.6
9	18.5	32.0	24.5	77.3	0.0	0.0	0.0	7.4
10	20.0	29.5	24.3	82.3	0.0	.9	.9	1.2
11	20.5	29.0	23.6	84.0	.5	0.0	.5	.8
12	19.0	33.7	24.6	79.7	.4	0.0	.4	7.5
13	21.0	29.5	24.2	78.7	.6	0.0	.6	1.4
14	18.9	30.5	24.2	75.7	0.0	0.0	0.0	3.5
15	19.0	31.0	24.2	74.7	.1	0.0	.1	5.3
16	16.8	32.8	25.0	73.0	0.0	18.0	18.0	8.3
17	19.0	29.0	23.2	83.3	.5	3.9	4.4	3.3
18	19.5	28.5	22.8	84.7	1.4	0.0	1.4	.5
19	18.8	29.0	24.5	72.7	16.1	.2	16.3	4.5
20	19.0	25.0	20.7	94.7	3.8	4.7	8.5	1.1
21	18.6	29.5	22.6	79.0	0.0	1.0	1.0	2.8
22	19.5	25.0	21.6	86.7	18.5	0.0	18.5	.4
23	19.0	29.4	23.0	80.7	0.0	23.9	23.9	3.2
24	18.0	29.9	23.0	80.7	0.0	8.2	8.2	5.4
25	19.0	27.5	21.0	87.3	.1	0.0	.1	1.5
26	18.0	30.0	22.8	79.0	0.0	12.1	12.1	4.5
27	19.0	30.8	24.3	76.0	0.0	33.9	33.9	5.4
28	18.5	28.0	23.6	80.7	0.0	0.0	0.0	6.8
29	18.0	33.0	24.6	72.3	0.0	0.0	0.0	10.1
30	19.0	29.5	23.0	81.7	0.0	0.0	0.0	2.5
31								
Total :					71.8	136.9	208.7	127.2
Promedio :	18.9	29.9	23.5	79.4				

Estación : GRANJA LUKER
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5' N
Longitud : 75 ° 41' W
Altitud : 1020 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	31.2	23.7	78.0	0.0	0.0	0.0	7.2
2	19.0	31.0	24.1	79.3	0.0	1.3	1.3	4.8
3	20.0	31.5	25.0	75.3	.4	18.5	18.9	6.4
4	19.5	29.0	23.5	83.3	0.0	0.0	0.0	2.2
5	17.5	32.0	24.6	75.3	0.0	0.0	0.0	7.2
6	19.5	30.5	23.7	83.0	0.0	0.0	0.0	1.9
7	19.8	29.5	23.5	79.0	0.0	0.0	0.0	3.0
8	17.0	31.5	24.2	76.0	0.0	.2	.2	7.6
9	19.5	29.0	23.8	83.3	.2	22.4	22.6	4.1
10	20.0	31.0	24.0	79.0	.3	74.0	74.3	4.9
11	18.5	24.0	21.1	86.7	.1	0.0	.1	0.0
12	17.0	30.0	23.5	79.0	0.0	25.7	25.7	4.3
13	18.0	29.0	23.0	81.3	0.0	0.0	0.0	3.6
14	19.0	30.0	23.6	78.0	0.0	.5	.5	5.4
15	17.5	28.8	22.2	85.3	0.0	0.0	0.0	4.3
16	19.0	30.5	23.9	78.7	0.0	0.0	0.0	5.7
17	18.5	30.8	24.2	77.3	0.0	0.0	0.0	5.7
18	18.1	32.9	24.8	75.3	0.0	0.0	0.0	8.2
19	21.0	30.5	24.8	79.3	0.0	0.0	0.0	1.9
20	20.0	31.5	25.7	76.3	0.0	0.0	0.0	4.9
21	19.0	31.0	24.2	78.7	0.0	1.5	1.5	5.1
22	19.5	29.0	23.4	82.7	0.0	0.0	0.0	4.3
23	17.5	33.1	25.4	77.0	0.0	0.0	0.0	8.8
24	20.2	30.0	24.3	85.7	0.0	0.0	0.0	3.9
25	20.0	28.0	23.0	86.7	.7	.2	.9	1.0
26	19.7	26.0	21.1	92.3	4.0	1.1	5.1	1.3
27	19.5	29.5	23.3	82.7	0.0	0.0	0.0	5.9
28	19.6	28.0	23.6	82.3	.7	0.0	.7	1.2
29	19.9	30.0	24.2	79.0	0.0	0.0	0.0	4.0
30	20.0	28.5	23.6	85.3	5.2	0.0	5.2	1.6
31	19.8	29.0	23.4	83.3	0.0	5.7	5.7	2.9
Total :					11.6	151.1	162.7	133.3
Promedio :	19.0	29.9	23.8	80.8				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	30.3	23.5	82.0	0.0	0.0	0.0	3.5
2	19.5	30.6	23.9	82.0	0.0	0.0	0.0	4.1
3	18.5	32.1	22.8	81.7	4.6	5.1	9.7	6.6
4	18.4	24.0	20.4	94.0	16.2	0.0	16.2	0.0
5	18.5	29.8	23.0	80.3	0.0	0.0	0.0	5.5
6	19.3	28.5	22.2	84.0	9.8	3.6	13.4	2.6
7	19.5	26.5	21.0	88.3	42.0	24.8	66.8	.6
8	18.5	27.0	22.2	83.7	0.0	0.0	0.0	.5
9	17.5	29.9	21.9	86.7	1.2	0.0	1.2	2.3
10	19.0	29.0	23.9	81.3	.3	0.0	.3	5.3
11	19.5	29.0	24.2	79.3	0.0	23.1	23.1	3.5
12	19.0	30.0	22.6	81.7	0.0	1.7	1.7	6.0
13	18.8	28.0	22.8	83.7	.6	1.2	1.8	1.8
14	19.5	29.8	23.8	78.7	0.0	0.0	0.0	5.7
15	17.5	31.5	24.4	74.0	0.0	0.0	0.0	8.3
16	19.5	32.3	24.8	79.0	0.0	25.7	25.7	7.4
17	19.0	30.0	24.2	81.7	0.0	2.6	2.6	4.4
18	20.0	28.5	23.4	84.0	0.0	6.3	6.3	2.8
19	19.0	26.6	21.3	86.3	7.7	0.0	7.7	1.7
20	19.0	31.0	23.8	76.3	0.0	0.0	0.0	6.8
21	19.2	32.0	24.2	73.7	0.0	0.0	0.0	8.0
22	19.5	33.0	25.4	72.7	0.0	0.0	0.0	10.4
23	20.0	32.0	25.3	79.7	0.0	13.2	13.2	4.7
24	19.0	29.0	23.8	81.7	0.0	4.7	4.7	.5
25	20.0	29.5	22.9	86.3	.8	.5	1.3	4.9
26	19.9	28.0	22.8	85.3	1.6	2.7	4.3	.8
27	20.0	29.5	23.6	82.7	0.0	0.0	0.0	5.3
28	17.5	31.7	23.8	77.3	0.0	1.2	1.2	8.6
29	18.9	31.8	24.4	74.0	0.0	4.3	4.3	8.6
30	19.5	30.4	23.8	79.3	.2	5.4	5.6	7.8
31								
Total :					85.0	126.1	211.1	139.0
Promedio :	19.0	29.7	23.3	81.4				

Estación : GRANJA LUKER
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5' N
Longitud : 75 ° 41' W
Altitud : 1020 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	31.0	23.8	81.3	0.0	0.0	0.0	5.4
2	17.5	31.6	23.8	75.0	0.0	0.0	0.0	8.1
3	18.0	29.8	22.8	81.0	0.0	0.0	0.0	4.1
4	17.0	32.5	24.3	76.3	0.0	.1	.1	9.9
5	19.5	30.5	24.5	80.0	0.0	0.0	0.0	4.6
6	17.5	33.0	25.0	71.7	0.0	0.0	0.0	8.1
7	19.5	31.5	23.8	80.7	.3	.1	.4	6.1
8	18.5	29.8	24.2	75.7	0.0	0.0	0.0	4.0
9	19.5	28.5	23.9	82.3	0.0	1.1	1.1	1.9
10	19.0	31.5	24.8	72.7	0.0	0.0	0.0	7.4
11	19.5	30.5	23.6	80.7	4.7	0.0	4.7	2.8
12	17.5	31.2	24.0	80.7	0.0	0.0	0.0	4.4
13	16.0	34.0	24.5	74.3	0.0	0.0	0.0	10.3
14	17.0	28.0	23.2	79.3	0.0	0.0	0.0	2.5
15	16.5	29.8	23.6	77.7	0.0	0.0	0.0	4.2
16	19.0	31.0	24.2	73.7	0.0	0.0	0.0	6.6
17	19.5	32.8	25.3	69.7	0.0	0.0	0.0	8.7
18	18.0	33.8	25.4	72.0	0.0	0.0	0.0	9.9
19	16.2	34.5	24.5	64.7	0.0	0.0	0.0	9.8
20	16.0	32.0	24.7	66.0	0.0	0.0	0.0	9.0
21	15.8	31.5	24.2	72.0	0.0	0.0	0.0	8.5
22	18.0	29.0	23.7	78.0	0.0	0.0	0.0	.8
23	16.0	35.5	25.6	61.3	0.0	0.0	0.0	10.1
24	16.8	36.0	26.7	63.3	0.0	0.0	0.0	9.9
25	18.5	29.6	23.2	77.0	0.0	0.0	0.0	0.0
26	17.0	33.0	25.2	66.3	0.0	0.0	0.0	7.2
27	17.5	29.0	23.8	74.7	0.0	0.0	0.0	0.0
28	18.0	27.5	22.4	83.0	0.0	0.0	0.0	1.8
29	18.5	31.5	24.8	71.3	.8	2.1	2.9	6.3
30	19.5	31.0	24.4	78.0	0.0	0.0	0.0	5.3
31	19.0	31.5	25.4	71.3	.3	9.8	10.1	8.7
Total					6.1	13.2	19.3	186.4
Promedio :	17.9	31.4	24.3	74.6				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	34.5	25.2	74.7	0.0	0.0	0.0	10.0
2	19.0	31.0	23.8	74.7	0.0	0.0	0.0	.7
3	17.5	31.8	23.4	74.7	0.0	0.0	0.0	3.8
4	16.0	34.0	24.6	70.7	0.0	0.0	0.0	5.8
5	18.0	33.0	25.5	69.0	0.0	0.0	0.0	8.2
6	20.0	33.5	25.6	70.0	0.0	0.0	0.0	5.8
7	19.0	32.5	25.2	72.3	0.0	0.0	0.0	3.7
8	17.5	33.8	24.8	68.0	0.0	0.0	0.0	6.7
9	18.5	30.5	23.9	73.3	0.0	0.0	0.0	1.3
10	18.0	29.8	23.2	78.0	0.0	0.0	0.0	5.0
11	16.5	31.6	24.5	70.7	0.0	0.0	0.0	4.3
12	19.5	33.0	25.6	71.0	0.0	10.3	10.3	6.6
13	20.0	31.0	24.8	77.0	0.0	.3	.3	4.9
14	20.2	26.5	23.9	84.0	.2	0.0	.2	4.0
15	17.5	34.5	24.8	72.3	0.0	0.0	0.0	9.3
16	17.5	34.0	25.6	67.3	0.0	0.0	0.0	8.4
17	19.5	32.9	24.8	73.3	0.0	0.0	0.0	6.0
18	19.5	34.5	25.8	71.0	0.0	4.2	4.2	6.9
19	20.0	29.5	23.7	78.0	0.0	0.0	0.0	2.3
20	17.5	33.5	24.2	67.7	0.0	0.0	0.0	7.9
21	14.5	35.0	24.0	68.0	0.0	0.0	0.0	8.9
22	19.5	33.0	24.6	72.7	0.0	0.0	0.0	3.5
23	18.0	32.0	24.2	73.7	0.0	0.0	0.0	7.0
24	19.5	33.0	26.1	69.7	0.0	0.0	0.0	5.8
25	17.5	35.0	25.8	68.3	0.0	0.0	0.0	7.1
26	19.0	32.5	25.4	69.7	0.0	0.0	0.0	3.6
27	19.1	32.0	24.8	67.7	0.0	0.0	0.0	1.1
28	16.0	35.0	25.8	57.0	0.0	0.0	0.0	6.5
29	15.5	33.5	24.6	63.0	0.0	0.0	0.0	7.8
30	16.0	34.0	24.4	64.0	0.0	0.0	0.0	7.9
31	17.0	33.7	25.0	68.7	0.0	0.0	0.0	7.5
Total					.2	14.8	15.0	178.3
Promedio :	18.1	32.7	24.8	71.0				

Estación : GRANJA LUKER
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5' N
Longitud : 75 ° 41' W
Altitud : 1020 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.8	31.0	25.2	67.0	0.0	18.6	18.6	2.4
2	19.0	29.0	23.6	77.0	2.2	0.0	2.2	5.1
3	17.0	28.0	22.5	77.7	0.0	0.0	0.0	3.4
4	17.0	31.5	24.4	65.7	0.0	3.2	3.2	7.7
5	18.5	32.0	24.4	70.0	0.0	28.8	28.8	4.7
6	17.5	30.0	22.9	71.3	0.0	0.0	0.0	6.0
7	19.5	30.6	22.7	76.7	9.5	15.4	24.9	4.8
8	18.0	28.0	22.6	80.7	.4	8.4	8.8	2.9
9	18.2	28.5	23.2	78.0	0.0	.4	.4	2.6
10	18.5	32.0	23.3	78.7	0.0	0.0	0.0	4.4
11	18.5	31.5	25.2	69.7	0.0	0.0	0.0	3.1
12	18.0	30.5	23.8	75.0	0.0	0.0	0.0	3.9
13	18.5	31.0	23.8	72.7	0.0	0.0	0.0	4.7
14	19.5	31.5	24.6	71.0	0.0	0.0	0.0	5.5
15	17.5	31.0	24.4	72.3	0.0	0.0	0.0	5.2
16	18.5	30.0	24.2	71.7	0.0	0.0	0.0	3.7
17	18.0	31.5	23.5	73.7	0.0	0.0	0.0	2.2
18	17.0	31.8	24.0	68.7	0.0	0.0	0.0	5.8
19	18.5	31.5	24.2	72.7	0.0	.6	.6	5.1
20	19.5	27.7	22.8	77.3	1.9	0.0	1.9	.7
21	18.5	31.0	23.9	70.7	0.0	7.5	7.5	4.8
22	18.5	29.0	22.6	78.7	0.0	0.0	0.0	4.8
23	19.5	28.0	22.4	79.3	.5	7.7	8.2	.9
24	19.0	28.1	22.8	80.7	0.0	25.4	25.4	2.0
25	18.0	29.0	22.0	80.3	.1	5.2	5.3	5.2
26	19.0	28.8	22.2	77.0	.3	0.0	.3	4.7
27	17.5	28.0	22.0	78.7	0.0	0.0	0.0	3.3
28	16.5	28.5	21.8	72.0	0.0	0.0	0.0	1.6
29	15.8	31.0	23.2	69.7	0.0	0.0	0.0	7.1
30	16.0	32.0	24.0	70.3	0.0	0.0	0.0	7.7
31								
Total					14.9	121.2	136.1	126.0
Promedio	18.2	30.1	23.4	74.2				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	31.0	23.0	77.0	0.0	0.0	0.0	6.2
2	19.5	31.2	23.0	79.3	.5	.2	.7	4.7
3	18.5	27.8	22.0	83.0	3.3	0.0	3.3	1.4
4	17.5	31.5	23.8	74.7	.1	21.2	21.3	6.1
5	18.5	28.5	21.8	79.7	0.0	0.0	0.0	4.2
6	17.0	29.0	22.9	75.7	0.0	0.0	0.0	3.8
7	16.5	31.0	23.0	76.0	0.0	0.0	0.0	8.4
8	17.5	29.0	22.7	76.3	0.0	0.0	0.0	1.9
9	17.0	31.0	23.0	72.3	0.0	0.0	0.0	6.6
10	19.5	30.5	23.0	74.7	0.0	8.9	8.9	7.7
11	18.0	28.0	22.6	79.0	.2	11.6	11.8	2.8
12	18.2	30.0	23.3	75.3	0.0	.7	.7	6.5
13	18.0	29.2	22.2	79.0	0.0	0.0	0.0	5.0
14	17.5	30.0	22.8	72.7	0.0	0.0	0.0	8.0
15	18.0	29.5	23.5	68.3	0.0	0.0	0.0	5.1
16	18.1	30.0	24.0	72.0	0.0	30.6	30.6	5.0
17	18.0	28.0	22.2	75.7	.1	1.4	1.5	6.5
18	18.5	29.0	21.8	81.3	6.6	1.2	7.8	6.8
19	18.9	28.0	22.7	79.7	0.0	0.0	0.0	6.9
20	18.0	31.0	24.4	72.0	0.0	.1	.1	7.5
21	18.5	30.2	23.0	80.0	1.1	29.1	30.2	7.8
22	18.0	29.0	22.8	79.7	0.0	0.0	0.0	4.8
23	17.5	31.8	24.4	75.3	0.0	0.0	0.0	9.1
24	19.5	31.5	24.8	72.7	0.0	0.0	0.0	8.4
25	17.0	31.0	23.5	74.3	0.0	0.0	0.0	7.2
26	19.5	31.5	24.1	73.3	0.0	0.0	0.0	8.7
27	18.5	32.0	22.8	79.0	1.4	0.0	1.4	7.6
28	17.5	29.5	24.0	75.7	0.0	.5	.5	4.7
29	20.5	29.0	23.8	76.7	0.0	.3	.3	4.2
30	19.5	31.0	24.7	73.3	0.0	2.5	2.5	8.0
31	19.0	30.5	23.4	77.3	0.0	0.0	0.0	4.2
Total					13.3	108.3	121.6	185.8
Promedio	18.2	30.0	23.2	76.2				

Estación : GRANJA LUKER
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5 ' N
Longitud : 75 ° 41 ' W
Altitud : 1020 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	29.5	23.1	78.0	0.0	0.0	0.0	1.7
2	17.0	31.0	23.6	71.3	0.0	0.0	0.0	8.3
3	19.5	29.5	23.9	77.7	0.0	.4	.4	.5
4	18.5	30.5	23.8	75.7	0.0	34.1	34.1	4.2
5	19.5	29.5	24.2	77.7	0.0	7.3	7.3	7.3
6	18.5	30.0	22.6	82.0	1.9	4.0	5.9	4.7
7	19.5	29.0	22.8	82.3	0.0	41.2	41.2	3.6
8	19.0	25.5	21.3	85.7	1.8	1.7	3.5	.3
9	18.5	25.0	21.0	86.0	0.0	2.9	2.9	0.0
10	18.8	28.6	22.9	82.7	0.0	22.6	22.6	4.5
11	18.5	30.4	22.8	77.0	0.0	12.1	12.1	6.4
12	19.0	29.0	22.0	81.0	3.2	25.7	28.9	6.3
13	18.5	26.0	21.5	82.7	0.0	0.0	0.0	4.2
14	18.0	29.0	21.5	80.0	1.9	.4	2.3	3.6
15	18.0	27.0	20.8	86.0	1.9	0.0	1.9	5.0
16	17.5	29.5	21.9	74.7	0.0	6.4	6.4	6.6
17	18.5	26.8	21.3	87.3	14.2	0.0	14.2	1.1
18	18.0	30.5	23.2	77.0	0.0	11.3	11.3	6.2
19	18.2	30.0	22.8	77.3	0.0	10.7	10.7	6.1
20	19.0	28.0	22.5	79.7	0.0	0.0	0.0	4.0
21	17.2	30.8	23.6	78.0	0.0	0.0	0.0	8.1
22	18.4	31.5	24.5	73.3	0.0	0.0	0.0	8.0
23	19.5	29.5	22.8	78.0	0.0	0.0	0.0	2.9
24	18.0	30.5	24.6	69.3	0.0	0.0	0.0	4.9
25	19.5	27.5	22.1	81.0	1.4	0.0	1.4	6.0
26	18.0	27.0	21.8	79.0	0.0	0.0	0.0	.3
27	17.0	29.5	22.6	76.7	0.0	0.0	0.0	6.8
28	16.4	31.0	22.8	76.0	0.0	0.0	0.0	7.6
29	18.0	29.8	23.0	76.0	0.0	0.0	0.0	5.1
30	16.5	29.0	22.7	76.0	.3	8.2	8.5	7.8
31								
Total :					26.6	189.0	215.6	142.1
Promedio :	18.3	29.0	22.7	78.8				

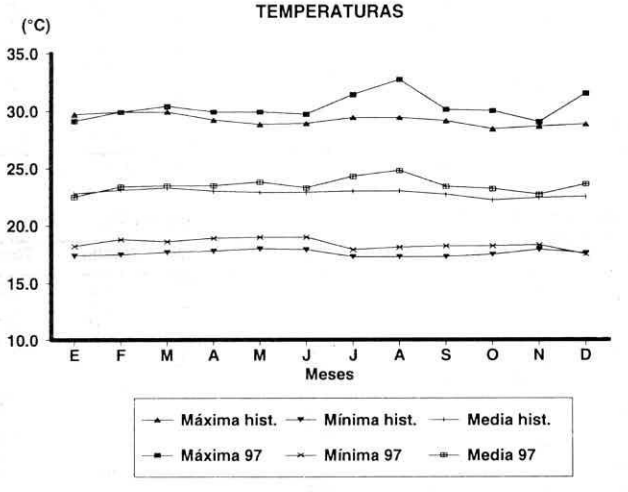
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	31.8	22.7	76.7	1.0	.2	1.2	7.3
2	18.0	30.0	23.4	72.0	0.0	.8	.8	6.9
3	19.5	30.0	23.0	75.7	0.0	0.0	0.0	7.1
4	16.0	31.5	22.4	74.0	0.0	0.0	0.0	9.0
5	16.5	32.0	23.1	75.7	0.0	0.0	0.0	7.7
6	16.0	31.5	23.5	74.3	0.0	0.0	0.0	7.0
7	17.0	31.0	23.8	73.7	0.0	0.0	0.0	7.6
8	17.5	31.0	23.2	73.3	0.0	0.0	0.0	7.0
9	18.0	32.8	23.6	72.7	0.0	0.0	0.0	9.5
10	18.5	31.5	23.7	74.7	0.0	0.0	0.0	7.2
11	19.5	31.5	23.9	74.7	0.0	0.0	0.0	8.1
12	19.2	31.0	24.1	74.7	0.0	0.0	0.0	8.8
13	19.5	32.0	24.3	70.3	0.0	0.0	0.0	8.5
14	17.5	31.0	22.5	78.0	.4	2.4	2.8	7.1
15	18.5	28.2	22.4	82.7	0.0	0.0	0.0	2.8
16	17.0	30.0	23.0	74.3	0.0	0.0	0.0	7.1
17	16.8	31.5	23.4	74.0	0.0	0.0	0.0	8.6
18	16.5	30.5	22.8	74.0	0.0	0.0	0.0	7.9
19	16.0	32.0	23.0	73.0	0.0	0.0	0.0	9.3
20	18.5	32.2	24.8	69.0	0.0	0.0	0.0	8.6
21	17.5	31.5	23.4	71.3	0.0	0.0	0.0	7.3
22	17.0	32.5	24.4	68.3	0.0	0.0	0.0	6.9
23	15.5	33.0	23.8	69.3	0.0	0.0	0.0	8.0
24	17.5	32.0	24.0	69.0	0.0	0.0	0.0	7.7
25	16.0	31.8	23.4	74.3	0.0	0.0	0.0	5.6
26	17.5	32.0	24.7	69.7	0.0	0.0	0.0	8.4
27	18.0	32.6	24.7	65.3	0.0	0.0	0.0	9.4
28	18.5	33.0	24.5	69.7	0.0	0.0	0.0	9.4
29	18.0	34.0	25.2	68.3	0.0	.1	.1	9.1
30	17.8	31.5	24.4	70.7	0.0	0.0	0.0	8.1
31	16.5	31.0	23.8	71.3	0.0	0.0	0.0	7.4
Total :					1.4	3.5	4.9	240.4
Promedio :	17.5	31.5	23.6	72.7				

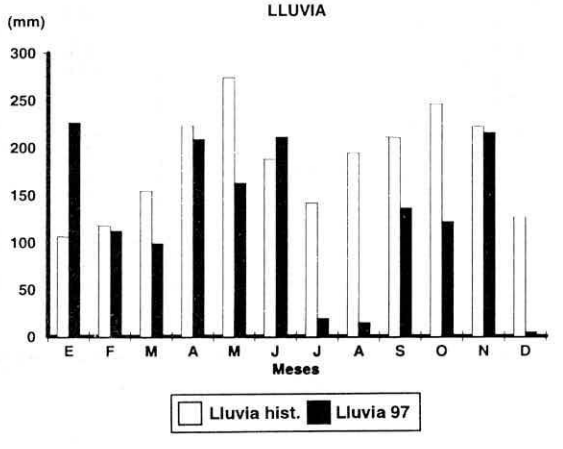
Estación : GRANJA LUKER
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 5 'N
Longitud : 75 ° 41 'W
Altitud : 1020 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	18.2	29.1	22.5	31.0	16.0	78.0	226.1	21	188.8
Febrero	18.8	29.9	23.4	33.0	16.0	78.3	111.7	17	144.5
Marzo	18.6	30.4	23.5	33.1	16.2	77.9	99.1	13	174.1
Abril	18.9	29.9	23.5	33.7	16.8	79.4	208.7	21	127.2
Mayo	19.0	29.9	23.8	33.1	16.5	80.8	162.7	14	133.3
Junio	19.0	29.7	23.3	33.0	17.5	81.4	211.1	20	139.0
Julio	17.9	31.4	24.3	36.0	15.8	74.6	19.3	6	186.4
Agosto	18.1	32.7	24.8	35.0	14.5	71.0	15.0	4	178.3
Septiembre	18.2	30.1	23.4	32.0	15.8	74.2	136.1	14	126.0
Octubre	18.2	30.0	23.2	32.0	16.5	76.2	121.6	15	185.8
Noviembre	18.3	29.0	22.7	31.5	16.4	78.8	215.6	18	142.1
Diciembre	17.5	31.5	23.6	34.0	15.5	72.7	4.9	4	240.4
Promedio :	18.4	30.3	23.5			76.9			
Absoluta :				36.0	14.5				
Total :							1531.9	167	1965.9





Estación : EL ALGARROBO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 4 ' N
Longitud : 75 ° 25 ' W
Altitud : 1230 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	23.0	19.6	88.3	2.1	.8	2.9	.1
2	17.0	26.0	21.1	77.7	.3	1.4	1.7	.7
3	18.0	27.5	20.7	76.7	7.1	.3	7.4	4.3
4	18.1	29.0	21.1	73.0	0.0	0.0	0.0	7.1
5	16.0	29.8	21.2	70.7	0.0	0.0	0.0	8.2
6	18.0	29.2	21.5	73.0	0.0	38.2	38.2	6.6
7	17.9	25.7	20.1	82.7	.8	0.0	.8	1.2
8	16.5	29.5	20.8	70.0	0.0	12.8	12.8	8.5
9	17.4	26.8	21.1	78.3	0.0	33.0	33.0	5.5
10	16.8	25.5	20.2	78.3	2.0	1.4	3.4	2.2
11	16.0	26.8	20.2	77.7	3.0	.7	3.7	2.9
12	15.9	27.5	20.7	75.0	0.0	9.4	9.4	5.9
13	16.1	29.0	22.0	74.3	0.0	0.0	0.0	8.5
14	15.9	28.8	21.0	69.7	0.0	0.0	0.0	6.8
15	16.0	29.7	21.2	73.0	9.3	.4	9.7	7.8
16	18.0	29.0	21.5	75.0	0.0	27.0	27.0	5.7
17	18.2	27.0	21.1	76.7	2.0	32.0	34.0	2.6
18	18.1	28.5	21.8	74.7	0.0	0.0	0.0	5.6
19	16.0	29.4	21.4	68.7	0.0	0.0	0.0	7.8
20	17.9	26.0	20.6	75.7	0.0	0.0	0.0	3.5
21	17.2	27.8	20.3	76.7	.6	.2	.8	1.3
22	15.7	29.0	20.7	75.7	.8	.4	1.2	6.3
23	18.0	28.7	21.1	76.3	2.0	2.9	4.9	5.3
24	16.6	28.8	21.4	72.7	0.0	20.0	20.0	7.3
25	17.8	28.0	21.6	75.3	0.0	12.3	12.3	4.8
26	17.0	28.1	19.6	77.3	17.9	3.1	21.0	4.8
27	16.1	27.9	20.2	74.3	0.0	0.0	0.0	7.4
28	16.0	29.5	21.3	73.3	0.0	0.0	0.0	7.7
29	17.1	29.7	21.8	69.0	0.0	0.0	0.0	4.9
30	16.0	29.9	21.7	71.0	0.0	1.3	1.3	7.8
31	17.5	28.8	21.9	71.0	0.0	23.0	23.0	7.0
Total :					47.9	220.6	268.5	166.1
Promedio :	17.0	28.1	21.0	74.9				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.1	21.0	73.3	0.0	9.3	9.3	7.1
2	17.1	29.2	21.0	71.0	0.0	0.0	0.0	8.4
3	16.9	27.9	20.4	75.0	0.0	0.0	0.0	5.1
4	14.0	27.4	19.2	77.0	18.8	.9	19.7	5.3
5	15.8	28.1	21.0	73.3	11.5	1.0	12.5	6.0
6	16.4	29.0	20.5	73.0	.7	7.1	7.8	6.9
7	17.1	28.3	21.5	72.7	0.0	0.0	0.0	3.6
8	17.8	27.0	21.8	71.7	0.0	0.0	0.0	1.4
9	16.7	29.0	21.4	74.7	.4	1.0	1.4	6.2
10	16.5	26.3	20.3	84.0	.4	0.0	.4	4.5
11	16.8	25.9	20.8	78.0	.1	6.6	6.7	.8
12	17.9	27.1	21.4	78.0	0.0	3.0	3.0	2.6
13	17.4	29.0	21.5	74.3	0.0	0.0	0.0	5.8
14	15.8	30.3	22.6	68.3	0.0	27.5	27.5	7.3
15	19.6	29.5	22.5	75.3	.5	0.0	.5	5.1
16	18.0	27.3	21.4	80.3	.4	0.0	.4	1.2
17	18.2	29.4	22.1	73.3	0.0	.6	.6	4.5
18	18.1	29.8	22.3	72.3	0.0	0.0	0.0	6.4
19	17.1	30.8	22.6	74.0	0.0	20.8	20.8	5.8
20	18.8	29.4	22.5	75.3	1.0	25.0	26.0	3.8
21	18.4	31.5	22.9	70.7	0.0	0.0	0.0	8.6
22	18.9	30.8	23.3	69.7	.4	18.8	19.2	7.5
23	17.8	28.4	21.6	75.7	0.0	0.0	0.0	3.7
24	17.2	28.6	22.2	73.3	0.0	.1	.1	2.1
25	18.7	26.4	21.4	80.0	0.0	0.0	0.0	.1
26	17.8	31.0	23.0	69.7	0.0	0.0	0.0	5.8
27	18.7	32.1	23.4	71.7	0.0	0.0	0.0	8.0
28	18.8	30.2	22.8	70.0	0.0	0.0	0.0	2.7
29								
30								
31								
Total :					34.2	121.7	155.9	136.3
Promedio :	17.5	28.8	21.7	74.1				

Estación : EL ALGARROBO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 4 ' N
Longitud : 75 ° 25 ' W
Altitud : 1230 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	27.0	21.2	79.0	3.2	.2	3.4	.5
2	18.1	30.3	22.6	74.0	0.0	0.0	0.0	5.4
3	17.8	30.0	22.6	71.7	0.0	0.0	0.0	5.9
4	18.0	31.3	23.4	68.0	0.0	0.0	0.0	8.9
5	18.9	24.2	20.0	85.0	2.5	0.0	2.5	.5
6	15.0	30.9	21.6	69.3	0.0	0.0	0.0	8.8
7	16.0	32.2	22.7	61.7	0.0	0.0	0.0	8.1
8	16.7	30.2	23.5	68.0	0.0	0.0	0.0	5.2
9	15.8	31.0	23.4	65.0	0.0	8.2	8.2	6.7
10	18.2	30.9	22.8	71.7	.7	34.9	35.6	4.7
11	18.8	31.4	23.7	69.7	0.0	35.8	35.8	8.9
12	18.7	29.9	22.6	72.3	0.0	9.2	9.2	3.9
13	17.7	23.6	19.7	91.3	2.3	.2	2.5	.2
14	17.2	31.2	22.5	70.0	0.0	0.0	0.0	9.3
15	17.0	32.9	24.8	58.7	0.0	0.0	0.0	9.1
16	18.9	28.4	21.3	79.3	13.7	16.6	30.3	2.0
17	19.0	23.8	20.2	86.7	.6	4.5	5.1	0.0
18	18.0	28.0	19.9	84.3	4.3	.2	4.5	2.1
19	17.7	25.9	19.6	83.0	0.0	0.0	0.0	.9
20	17.0	26.9	21.2	75.0	0.0	.6	.6	2.6
21	16.7	27.3	20.4	78.3	0.0	0.0	0.0	4.6
22	15.3	30.0	22.4	68.3	0.0	0.0	0.0	8.5
23	17.1	29.2	22.5	66.7	0.0	0.0	0.0	5.0
24	15.0	30.8	22.2	66.0	0.0	0.0	0.0	9.7
25	16.0	30.7	22.2	65.3	0.0	0.0	0.0	9.1
26	16.7	30.2	22.5	65.7	0.0	0.0	0.0	5.9
27	17.3	31.8	22.3	66.0	0.0	0.0	0.0	7.6
28	17.1	30.6	22.3	67.0	0.0	0.0	0.0	6.4
29	16.8	30.3	22.6	67.3	0.0	4.5	4.5	5.8
30	17.6	29.0	22.2	73.0	0.0	0.0	0.0	4.8
31	16.7	29.0	21.2	73.3	.3	0.0	.3	5.0
Total					27.6	114.9	142.5	166.1
Promedio :	17.3	29.3	22.0	72.3				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	26.9	20.6	76.7	3.6	1.4	5.0	1.7
2	17.3	31.2	22.6	68.0	0.0	0.0	0.0	8.1
3	17.6	31.6	24.1	64.3	0.0	47.3	47.3	9.7
4	17.8	27.3	21.7	73.3	0.0	0.0	0.0	2.8
5	17.0	29.4	23.2	70.7	0.0	0.0	0.0	6.3
6	17.5	30.8	21.0	75.7	8.7	0.0	8.7	5.8
7	16.1	27.5	20.9	76.0	0.0	0.0	0.0	3.3
8	17.5	28.2	21.6	75.0	0.0	4.7	4.7	2.0
9	17.2	30.3	22.7	69.3	.1	1.4	1.5	6.9
10	18.2	29.0	22.2	77.0	0.0	28.0	28.0	.2
11	18.8	27.4	22.2	80.3	1.0	0.0	1.0	.8
12	17.8	32.1	23.4	71.3	5.5	14.5	20.0	6.4
13	18.7	29.0	22.2	76.3	159.0	0.0	159.0	3.1
14	16.7	28.8	22.0	73.3	0.0	1.3	1.3	2.3
15	17.0	31.1	22.2	75.0	0.0	0.0	0.0	5.6
16	15.3	31.2	22.4	70.0	0.0	19.3	19.3	6.6
17	18.2	27.9	21.8	80.0	0.0	7.0	7.0	0.0
18	18.0	27.1	21.7	79.3	0.0	0.0	0.0	.2
19	18.5	28.3	22.6	72.7	10.1	18.0	28.1	3.4
20	17.6	24.0	19.8	91.7	4.3	4.0	8.3	1.2
21	17.3	27.0	21.6	81.7	0.0	.9	.9	3.6
22	18.0	24.5	20.3	87.0	12.8	0.0	12.8	.5
23	17.2	27.3	21.3	80.0	0.0	8.9	8.9	2.3
24	16.7	28.1	21.5	74.0	0.0	0.0	0.0	4.7
25	17.9	25.4	19.7	84.0	1.4	0.0	1.4	.7
26	16.0	29.7	21.3	74.0	0.0	4.1	4.1	3.8
27	18.9	28.3	22.3	74.0	0.0	28.6	28.6	6.4
28	17.8	28.4	21.4	80.0	0.0	0.0	0.0	8.2
29	16.0	31.3	22.8	69.0	0.0	0.0	0.0	9.1
30	17.3	28.5	22.2	76.3	0.0	0.0	0.0	2.3
31								
Total					206.5	189.4	395.9	118.0
Promedio :	17.4	28.6	21.8	75.9				

Estación : EL ALGARROBO | **Dpto. : CALDAS** | **Latitud : 5 ° 4 ' N**
Año : 1997 | **Mpio. : MANIZALES** | **Longitud : 75 ° 25 ' W**
Altitud : 1230 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	30.0	21.4	74.3	0.0	0.0	0.0	4.4
2	17.1	29.3	22.6	69.7	0.0	1.4	1.4	3.6
3	18.2	30.8	23.0	73.3	0.0	.7	.7	7.1
4	18.5	28.0	21.8	76.7	0.0	0.0	0.0	1.8
5	15.7	29.4	21.8	69.0	0.0	0.0	0.0	5.6
6	17.1	28.0	21.5	74.7	0.0	0.0	0.0	1.0
7	17.7	27.9	22.0	71.7	0.0	0.0	0.0	3.3
8	15.0	30.3	22.5	69.7	0.0	0.0	0.0	6.6
9	17.1	27.6	21.6	80.7	0.0	32.8	32.8	3.1
10	18.1	28.9	22.2	72.3	0.0	24.9	24.9	4.3
11	17.8	22.5	19.8	84.7	0.0	0.0	0.0	1.4
12	16.0	27.9	21.3	74.3	0.0	34.8	34.8	4.9
13	17.8	28.8	21.5	74.7	.2	0.0	.2	4.7
14	17.0	28.2	21.8	76.3	3.9	1.5	5.4	2.4
15	16.7	27.8	21.1	81.0	0.0	0.0	0.0	4.9
16	18.2	29.0	22.0	71.7	0.0	0.0	0.0	4.7
17	17.1	30.0	22.7	69.3	0.0	0.0	0.0	6.0
18	16.9	31.6	23.8	64.7	0.0	0.0	0.0	6.9
19	18.8	28.5	23.1	73.7	0.0	0.0	0.0	1.8
20	17.7	29.3	22.6	74.3	0.0	0.0	0.0	4.0
21	17.0	30.9	23.0	72.7	0.0	10.0	10.0	5.9
22	18.2	28.1	22.6	76.7	0.0	0.0	0.0	3.1
23	15.7	32.0	23.3	67.7	0.0	0.0	0.0	8.9
24	19.0	29.4	22.8	79.7	0.0	0.0	0.0	4.0
25	18.1	27.0	22.1	85.0	.7	2.0	2.7	1.9
26	18.7	25.0	20.4	91.0	7.9	1.2	9.1	1.7
27	18.0	27.8	21.8	79.0	0.0	0.0	0.0	3.6
28	17.9	27.3	22.4	77.0	0.0	0.0	0.0	1.4
29	18.2	27.2	22.0	77.7	.1	0.0	.1	3.4
30	18.0	26.7	21.4	83.0	.4	0.0	.4	2.2
31	18.9	28.8	22.0	77.7	0.0	1.7	1.7	3.4
Total :					13.2	111.0	124.2	122.0
Promedio :	17.5	28.5	22.1	75.6				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	29.9	22.4	73.7	0.0	0.0	0.0	2.6
2	16.9	29.8	21.9	78.0	1.8	0.0	1.8	3.9
3	16.8	31.3	22.2	74.3	0.0	4.5	4.5	6.4
4	17.1	23.1	19.5	85.3	7.2	0.0	7.2	0.0
5	16.9	28.3	21.8	76.0	0.0	0.0	0.0	4.3
6	17.8	27.9	21.1	78.0	6.7	.4	7.1	1.9
7	18.0	24.3	20.8	84.0	.8	19.8	20.6	.2
8	17.6	25.1	20.7	81.0	0.0	0.0	0.0	.4
9	16.0	28.1	20.6	78.0	.5	3.4	3.9	1.2
10	16.1	27.9	21.8	74.7	.2	0.0	.2	4.3
11	18.3	28.9	22.2	74.3	0.0	24.6	24.6	2.7
12	18.0	28.2	21.4	79.7	.3	1.8	2.1	4.0
13	17.7	26.1	20.8	80.0	2.1	23.9	26.0	1.6
14	17.9	29.2	22.3	74.3	0.0	0.0	0.0	5.7
15	16.3	31.0	23.4	65.7	0.0	0.0	0.0	7.2
16	18.7	31.2	23.2	71.7	.1	0.0	.1	6.0
17	19.1	29.1	22.9	73.0	0.0	0.0	0.0	4.3
18	18.4	28.0	22.0	74.0	0.0	10.4	10.4	2.9
19	18.2	24.7	20.4	82.3	0.0	0.0	0.0	.7
20	17.7	31.0	22.5	70.3	0.0	0.0	0.0	6.2
21	17.9	31.3	23.4	66.0	0.0	0.0	0.0	7.7
22	17.1	32.1	24.1	66.7	0.0	0.0	0.0	6.3
23	17.9	31.3	24.3	70.0	0.0	.3	.3	.9
24	18.0	28.1	22.2	76.7	0.0	2.6	2.6	6.3
25	19.1	27.7	22.0	79.0	2.1	.8	2.9	3.9
26	19.0	25.9	21.9	78.0	0.0	3.4	3.4	.7
27	18.7	28.3	22.5	69.3	0.0	0.0	0.0	4.1
28	14.8	31.0	23.4	68.3	.1	0.0	.1	6.6
29	17.8	30.6	22.4	69.3	0.0	5.4	5.4	7.0
30	18.0	29.8	21.5	76.3	0.0	5.0	5.0	4.5
31								
Total :					21.9	106.3	128.2	114.5
Promedio :	17.7	28.6	22.1	74.9				

Estación : EL ALGARROBO | **Dpto. : CALDAS** | **Latitud : 5 ° 4 ' N**
Año : 1997 | **Mpio. : MANIZALES** | **Longitud : 75 ° 25 ' W**
Altitud : 1230 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	30.0	21.4	77.3	0.0	0.0	0.0	3.6
2	16.8	30.9	22.8	65.0	0.0	0.0	0.0	8.1
3	16.1	27.6	21.0	73.0	0.0	0.0	0.0	2.5
4	14.3	30.1	22.0	66.3	0.0	0.0	0.0	7.2
5	16.7	27.2	21.7	68.0	0.0	0.0	0.0	1.7
6	14.8	31.3	22.6	61.3	0.0	0.0	0.0	8.2
7	16.2	30.9	22.0	69.0	.1	0.0	.1	6.4
8	15.3	26.9	21.6	71.7	0.0	0.0	0.0	3.3
9	17.4	25.8	20.7	76.3	1.8	1.8	3.6	1.6
10	15.8	28.4	21.2	72.7	.3	.6	.9	6.1
11	16.0	26.1	21.0	72.7	0.0	0.0	0.0	2.6
12	15.0	28.5	21.0	72.0	0.0	0.0	0.0	4.3
13	13.0	31.8	21.8	61.0	0.0	0.0	0.0	9.4
14	14.2	27.8	20.5	72.0	0.0	0.0	0.0	3.6
15	13.9	27.2	20.9	70.0	0.0	3.4	3.4	4.8
16	15.9	28.3	21.1	73.0	.2	0.0	.2	5.2
17	16.0	30.0	22.0	65.3	0.0	0.0	0.0	8.3
18	15.0	32.0	22.7	60.3	0.0	0.0	0.0	6.6
19	13.8	32.8	22.8	54.7	0.0	0.0	0.0	9.8
20	13.3	32.5	22.4	56.7	0.0	0.0	0.0	9.0
21	13.0	30.0	22.0	62.0	0.0	0.0	0.0	5.8
22	14.8	26.5	20.4	72.3	0.0	0.0	0.0	1.0
23	13.0	33.0	22.2	61.0	0.0	0.0	0.0	9.4
24	13.7	33.5	23.6	55.3	.1	0.0	.1	9.0
25	15.7	28.2	21.5	67.3	0.0	0.0	0.0	1.3
26	13.6	29.2	22.1	64.0	0.0	0.0	0.0	5.0
27	14.2	27.2	20.4	74.3	0.0	0.0	0.0	.3
28	15.1	25.2	19.6	76.3	.2	0.0	.2	1.9
29	15.2	29.3	21.7	66.3	0.0	.3	.3	5.6
30	17.2	28.8	21.5	75.3	0.0	0.0	0.0	4.5
31	16.0	31.1	22.4	64.0	0.0	6.2	6.2	7.1
Total :					2.7	12.3	15.0	163.2
Promedio :	15.1	29.3	21.6	67.6				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.3	32.0	22.9	65.0	0.0	0.0	0.0	8.8
2	15.7	29.8	21.8	66.0	0.0	0.0	0.0	4.0
3	14.8	30.0	21.4	67.0	0.0	0.0	0.0	4.9
4	12.6	31.2	21.8	61.0	0.0	0.0	0.0	6.1
5	15.0	32.0	23.4	54.3	0.0	0.0	0.0	8.1
6	17.2	30.8	23.5	57.0	0.0	0.0	0.0	4.9
7	16.1	31.0	23.1	59.3	0.0	0.0	0.0	5.2
8	13.8	32.0	22.3	58.7	0.0	0.0	0.0	7.7
9	15.6	28.2	21.5	66.3	0.0	0.0	0.0	6.1
10	14.9	27.7	20.6	70.7	.6	0.0	.6	6.5
11	13.2	29.5	21.8	64.7	0.0	4.6	4.6	7.7
12	16.4	30.6	22.4	63.0	0.0	0.0	0.0	5.6
13	16.5	30.5	22.4	70.7	0.0	3.2	3.2	6.5
14	18.0	29.2	22.2	72.7	.9	0.0	.9	4.0
15	15.2	32.8	23.9	60.3	0.0	0.0	0.0	9.8
16	15.0	31.6	22.9	66.0	0.0	0.0	0.0	9.0
17	16.5	30.5	23.1	60.7	0.0	0.0	0.0	6.9
18	15.7	28.5	22.6	61.7	0.0	0.0	0.0	7.4
19	15.7	27.2	21.8	71.7	0.0	0.0	0.0	1.9
20	15.0	31.8	23.0	57.3	0.0	0.0	0.0	9.3
21	12.5	33.5	22.3	54.7	0.0	0.0	0.0	9.4
22	17.1	30.5	23.1	59.7	0.0	0.0	0.0	4.4
23	14.8	30.1	22.4	65.3	0.0	0.0	0.0	5.5
24	16.1	32.4	23.1	61.0	0.0	0.0	0.0	7.4
25	14.7	32.5	23.7	60.0	0.0	0.0	0.0	8.8
26	17.0	31.5	23.8	65.3	0.0	0.0	0.0	4.9
27	16.9	30.4	23.3	62.0	0.0	0.0	0.0	1.5
28	13.9	30.5	21.8	56.7	0.0	0.0	0.0	6.3
29	14.4	32.6	22.9	47.3	0.0	0.0	0.0	8.7
30	13.4	33.0	22.8	47.3	0.0	0.0	0.0	8.7
31	13.9	32.8	23.6	50.3	0.0	0.0	0.0	7.2
Total :					1.5	7.8	9.3	203.2
Promedio :	15.3	30.9	22.6	61.4				

Estación : EL ALGARROBO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 4 ' N
Longitud : 75 ° 25 ' W
Altitud : 1230 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	29.0	23.5	65.3	0.0	1.1	1.1	1.7
2	18.3	27.8	22.8	67.0	0.0	0.0	0.0	4.4
3	15.1	28.2	21.3	72.7	0.0	0.0	0.0	3.5
4	15.0	32.9	22.6	58.0	0.0	0.0	0.0	8.4
5	17.0	30.8	23.1	62.0	.1	11.0	11.1	5.7
6	16.6	28.1	21.4	76.0	.5	0.0	.5	5.4
7	16.9	28.8	22.5	68.3	0.0	6.3	6.3	3.4
8	17.0	25.9	20.7	78.3	1.6	76.1	77.7	4.2
9	16.1	25.7	20.9	81.3	0.0	1.0	1.0	3.2
10	16.0	29.7	20.2	77.3	0.0	0.0	0.0	3.8
11	15.3	29.0	22.0	72.7	0.0	0.0	0.0	5.6
12	15.9	28.9	21.8	71.7	0.0	0.0	0.0	5.4
13	16.0	29.8	22.2	65.7	0.0	0.0	0.0	7.2
14	15.7	30.0	22.8	64.0	0.0	0.0	0.0	5.3
15	15.0	29.3	21.4	65.7	0.0	0.0	0.0	5.4
16	15.8	29.0	22.2	65.0	0.0	0.0	0.0	4.0
17	15.3	29.2	21.0	68.7	0.0	0.0	0.0	2.5
18	13.5	30.4	21.7	62.7	0.0	0.0	0.0	6.4
19	15.4	30.2	22.0	69.7	1.1	5.6	6.7	5.4
20	17.1	26.8	21.4	77.3	2.0	0.0	2.0	1.1
21	16.2	29.0	22.3	70.0	0.0	2.8	2.8	5.1
22	17.0	26.2	21.2	72.3	0.0	1.2	1.2	3.4
23	16.9	25.3	20.6	74.7	0.0	11.9	11.9	1.1
24	16.8	25.1	19.9	80.0	.2	12.6	12.8	1.7
25	15.7	28.8	20.4	75.7	.1	4.9	5.0	5.4
26	16.1	27.0	20.2	77.3	1.4	0.0	1.4	3.1
27	14.5	26.9	19.7	77.3	0.0	0.0	0.0	3.1
28	14.3	27.7	20.7	73.7	0.0	0.0	0.0	2.5
29	14.2	29.8	22.2	64.0	0.0	0.0	0.0	7.4
30	13.0	31.1	21.3	67.3	0.0	0.0	0.0	7.9
31								
Total					7.0	134.5	141.5	132.7
Promedio	15.8	28.5	21.5	70.7				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.3	30.0	21.0	70.0	0.0	0.0	0.0	6.0
2	16.9	28.3	20.9	76.7	.7	0.0	.7	2.1
3	16.7	25.2	19.8	81.0	2.0	0.0	2.0	1.0
4	15.1	30.0	22.7	66.7	0.0	12.9	12.9	6.8
5	17.2	28.0	20.3	78.3	0.0	0.0	0.0	4.1
6	15.0	26.2	20.8	72.0	0.0	0.0	0.0	3.5
7	13.9	29.8	20.5	75.0	0.0	0.0	0.0	5.2
8	14.6	26.0	19.9	75.0	0.0	0.0	0.0	2.2
9	13.2	29.2	19.8	72.0	0.0	4.6	4.6	6.0
10	16.2	27.3	20.9	74.7	0.0	100.5	100.5	5.7
11	15.7	25.2	20.0	80.3	0.0	12.0	12.0	2.3
12	16.0	27.6	20.5	77.3	.1	9.5	9.6	6.6
13	16.3	27.1	19.9	77.7	.3	.2	.5	4.9
14	15.9	29.2	21.1	72.7	0.0	.2	.2	8.1
15	16.4	27.9	21.1	71.7	0.0	0.0	0.0	5.2
16	16.0	29.0	22.1	68.7	3.0	17.9	20.9	4.8
17	16.1	27.1	20.0	75.3	0.0	1.8	1.8	6.3
18	16.7	27.2	19.8	79.0	1.7	.1	1.8	5.8
19	16.5	27.0	19.8	80.0	0.0	0.0	0.0	5.6
20	15.9	29.0	21.8	71.0	0.0	0.0	0.0	6.2
21	16.3	28.3	20.6	77.3	13.7	120.8	134.5	7.2
22	16.0	26.7	20.5	79.3	0.0	0.0	0.0	2.8
23	15.2	30.5	21.5	73.3	0.0	0.0	0.0	9.6
24	16.7	31.1	22.2	71.7	0.0	0.0	0.0	8.7
25	15.0	29.5	21.8	72.3	0.0	0.0	0.0	7.7
26	16.9	30.8	22.3	68.7	0.0	0.0	0.0	9.1
27	16.0	30.5	21.1	74.0	.2	0.0	.2	6.9
28	15.7	27.0	21.0	75.0	0.0	.3	.3	3.6
29	18.0	28.3	21.6	76.0	0.0	0.0	0.0	4.6
30	17.2	30.8	22.6	69.3	0.0	0.0	0.0	7.8
31	16.7	28.2	21.2	76.0	0.0	0.0	0.0	4.9
Total					21.7	280.8	302.5	171.3
Promedio	16.0	28.3	20.9	74.5				

Estación : EL ALGARROBO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 4 ' N
Longitud : 75 ° 25 ' W
Altitud : 1230 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.3	28.2	21.4	76.3	0.0	0.0	0.0	2.4
2	15.9	31.4	22.0	69.7	0.0	.5	.5	7.6
3	17.2	27.5	21.0	77.7	0.0	0.0	0.0	.4
4	16.8	28.0	20.9	77.3	0.0	3.0	3.0	4.6
5	17.3	29.4	22.2	74.3	0.0	0.0	0.0	5.7
6	17.0	27.1	21.1	80.0	0.0	0.0	0.0	2.0
7	17.9	26.9	21.1	80.7	1.9	10.3	12.2	1.7
8	17.8	25.2	20.6	82.0	1.2	1.3	2.5	1.0
9	17.5	23.0	20.0	82.7	2.2	4.4	6.6	0.0
10	16.8	26.7	20.2	80.3	2.4	4.0	6.4	2.9
11	17.5	28.8	21.8	72.0	0.0	64.0	64.0	4.1
12	17.8	28.4	20.4	80.3	8.3	6.2	14.5	5.8
13	17.3	24.8	20.2	83.0	.3	7.5	7.8	3.0
14	17.5	27.1	20.3	77.0	5.3	.1	5.4	3.7
15	17.0	26.5	20.4	74.0	0.0	0.0	0.0	4.8
16	15.0	27.4	21.3	69.0	0.0	18.1	18.1	6.2
17	17.9	26.2	20.8	81.3	.6	0.0	.6	1.9
18	16.8	28.4	21.9	76.7	0.0	0.0	0.0	5.3
19	16.0	28.2	21.5	77.3	0.0	37.0	37.0	4.5
20	16.1	26.6	21.0	82.0	0.0	.3	.3	3.2
21	14.9	28.9	21.8	75.3	0.0	0.0	0.0	7.4
22	15.8	29.2	22.2	76.7	0.0	0.0	0.0	6.3
23	17.2	29.5	21.4	75.3	.3	0.0	.3	4.6
24	16.2	28.4	21.3	75.0	0.0	4.4	4.4	5.4
25	17.6	24.9	19.3	84.0	4.1	7.1	11.2	2.1
26	15.9	26.0	19.4	82.0	0.0	7.1	7.1	.8
27	15.4	28.6	21.6	75.3	0.0	0.0	0.0	7.1
28	14.4	29.8	20.9	74.0	0.0	0.0	0.0	7.9
29	15.3	29.2	21.6	73.7	0.0	0.0	0.0	6.2
30	14.0	29.4	22.2	63.7	0.0	6.1	6.1	7.3
31								
Total :					26.6	181.4	208.0	125.9
Promedio :	16.5	27.7	21.1	77.0				

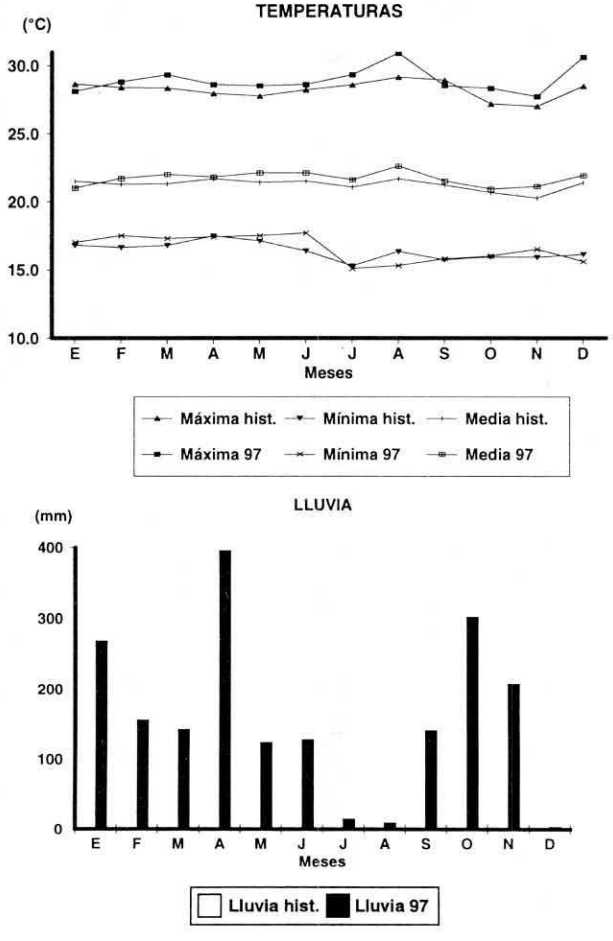
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	29.8	21.2	76.0	0.0	2.8	2.8	7.4
2	16.9	28.9	21.2	77.3	0.0	0.0	0.0	6.7
3	17.8	29.0	21.4	72.7	0.0	0.0	0.0	6.8
4	13.7	29.9	21.1	72.7	0.0	0.0	0.0	8.7
5	14.2	31.1	21.5	75.0	0.0	0.0	0.0	8.5
6	14.0	29.6	21.0	75.0	0.0	0.0	0.0	7.3
7	15.0	30.3	22.2	74.0	0.0	0.0	0.0	6.3
8	14.8	31.5	21.5	72.7	0.0	0.0	0.0	9.1
9	16.2	31.4	21.7	68.3	0.0	0.0	0.0	9.5
10	15.9	30.3	22.5	72.3	0.0	0.0	0.0	7.3
11	17.9	31.0	23.1	70.7	0.0	0.0	0.0	7.0
12	17.8	29.9	22.8	75.3	0.0	0.0	0.0	8.2
13	17.5	30.9	22.3	70.7	0.0	0.0	0.0	8.4
14	15.1	30.4	22.3	71.7	.3	.9	1.2	7.2
15	18.2	26.9	20.8	82.7	0.0	0.0	0.0	2.0
16	15.0	29.8	21.4	70.7	0.0	0.0	0.0	7.4
17	15.1	30.8	21.4	68.7	0.0	0.0	0.0	9.0
18	15.0	30.1	21.4	70.0	0.0	0.0	0.0	7.4
19	14.0	31.8	21.4	67.0	0.0	0.0	0.0	9.1
20	17.0	30.9	22.0	69.7	0.0	0.0	0.0	7.4
21	14.8	30.0	21.2	72.3	0.0	0.0	0.0	5.6
22	15.0	31.1	22.1	65.3	0.0	0.0	0.0	6.8
23	14.1	32.4	22.6	63.0	0.0	0.0	0.0	7.6
24	15.0	31.2	22.2	63.3	0.0	0.0	0.0	6.6
25	15.1	30.6	21.9	70.7	0.0	0.0	0.0	6.7
26	16.0	30.9	23.2	62.3	0.0	0.0	0.0	8.4
27	16.1	31.2	21.9	65.3	0.0	0.0	0.0	9.1
28	15.5	31.9	22.9	63.3	0.0	0.0	0.0	9.0
29	15.2	32.1	23.1	60.7	0.0	0.0	0.0	9.1
30	16.0	31.8	22.4	65.7	0.0	0.0	0.0	7.2
31	14.6	30.7	22.3	66.0	0.0	0.0	0.0	7.3
Total :					.3	3.7	4.0	234.1
Promedio :	15.6	30.6	21.9	70.0				

Estación : EL ALGARROBO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 4 'N
Longitud : 75 ° 25 'W
Altitud : 1230 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	17.0	28.1	21.0	29.9	15.7	74.9	268.5	21	166.1
Febrero	17.5	28.8	21.7	32.1	14.0	74.1	155.9	16	136.3
Marzo	17.3	29.3	22.0	32.9	15.0	72.3	142.5	13	166.1
Abril	17.4	28.6	21.8	32.1	15.3	75.9	395.9	20	118.0
Mayo	17.5	28.5	22.1	32.0	15.0	75.6	124.2	13	122.0
Junio	17.7	28.6	22.1	32.1	14.8	74.9	128.2	19	114.5
Julio	15.1	29.3	21.6	33.5	13.0	67.6	15.0	9	163.2
Agosto	15.3	30.9	22.6	33.5	12.5	61.4	9.3	4	203.2
Septiembre	15.8	28.5	21.5	32.9	13.0	70.7	141.5	14	132.7
Octubre	16.0	28.3	20.9	31.1	13.2	74.5	302.5	15	171.3
Noviembre	16.5	27.7	21.1	31.4	14.0	77.0	208.0	19	125.9
Diciembre	15.6	30.6	21.9	32.4	13.7	70.0	4.0	2	234.1
Promedio :	16.6	28.9	21.7			72.4			
Absoluta :				33.5	12.5				
Total :							1895.5	165	1853.4



Estación : AGRONOMIA **Dpto. : CALDAS** **Latitud : 5 ° 3 ' N**
Año : 1997 **Mpio. : MANIZALES** **Longitud : 75 ° 29 ' W**
Altitud : 2150 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	17.3	14.7	90.7	5.7	0.0	5.7	0.0
2	12.6	18.4	15.8	86.7	5.8	19.5	25.3	.6
3	13.8	20.4	16.5	87.7	11.5	10.4	21.9	.1
4	13.2	21.9	16.8	80.7	0.0	0.0	0.0	5.7
5	11.9	22.5	17.2	70.3	0.0	0.0	0.0	7.3
6	12.8	23.0	17.1	74.3	.1	.8	.9	5.8
7	13.7	17.5	15.9	87.0	.6	0.0	.6	0.0
8	13.0	24.0	17.6	69.3	0.0	.2	.2	1.4
9	14.1	22.0	16.8	81.0	0.0	21.9	21.9	3.1
10	13.9	19.0	15.6	84.0	7.7	.3	8.0	1.3
11	13.0	22.0	17.0	83.0	.8	0.0	.8	4.1
12	12.8	22.4	16.8	79.0	5.0	7.5	12.5	5.2
13	13.0	22.0	16.8	80.7	2.6	0.0	2.6	5.8
14	13.2	22.5	16.6	67.7	0.0	0.0	0.0	4.9
15	12.0	23.0	16.7	76.3	0.0	.2	.2	6.3
16	13.2	20.8	16.6	76.7	.2	5.6	5.8	2.4
17	14.1	18.1	15.9	88.3	1.0	2.8	3.8	5.0
18	13.3	22.0	17.0	77.3	0.0	0.0	0.0	7.6
19	12.0	23.1	16.8	70.7	0.0	3.5	3.5	5.3
20	13.5	19.8	15.8	79.3	1.4	0.0	1.4	.5
21	13.3	21.5	15.6	80.3	2.4	1.2	3.6	2.9
22	12.8	22.5	16.4	77.3	0.0	11.7	11.7	2.6
23	13.1	22.8	16.2	78.7	2.3	2.9	5.2	4.7
24	11.9	23.0	17.3	73.7	0.0	0.0	0.0	7.7
25	13.9	21.5	17.5	77.0	.6	21.5	22.1	2.2
26	14.0	20.0	17.4	84.3	57.0	2.5	59.5	3.0
27	14.1	21.0	17.0	76.3	0.0	0.0	0.0	4.5
28	12.0	23.0	17.4	71.0	0.0	0.0	0.0	6.2
29	13.0	22.8	16.8	71.7	0.0	0.0	0.0	5.4
30	12.8	21.5	17.0	73.0	2.7	4.6	7.3	4.6
31	12.0	20.0	15.9	82.3	7.4	0.0	7.4	5.6
Total :					114.8	117.1	231.9	121.8
Promedio :	13.1	21.3	16.6	78.6				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	20.1	16.2	83.7	0.0	0.0	0.0	3.7
2	13.2	22.8	17.0	76.0	0.0	0.0	0.0	6.5
3	13.5	22.0	16.0	73.3	.5	0.0	.5	4.1
4	11.2	21.1	15.5	77.7	0.0	.3	.3	3.7
5	11.7	20.0	15.8	75.7	5.0	1.4	6.4	3.2
6	11.5	22.0	15.0	80.0	18.0	.2	18.2	6.2
7	12.2	20.1	15.0	81.0	.6	0.0	.6	1.5
8	12.8	19.9	15.8	80.7	0.0	0.0	0.0	.8
9	12.1	20.1	15.8	81.7	7.5	.9	8.4	3.4
10	13.0	21.2	15.6	87.0	0.0	0.0	0.0	3.3
11	13.8	17.9	15.4	85.3	2.3	0.0	2.3	.1
12	12.9	21.2	16.4	79.0	0.0	5.1	5.1	3.9
13	13.0	22.9	17.2	69.0	0.0	0.0	0.0	8.0
14	13.1	22.1	18.0	73.7	0.0	0.0	0.0	7.6
15	15.0	22.0	17.5	76.3	0.0	0.0	0.0	4.0
16	14.0	20.6	16.2	81.3	22.7	.3	23.0	.9
17	13.6	18.2	15.6	87.7	7.7	.2	7.9	.5
18	12.7	21.4	16.0	78.3	.5	0.0	.5	5.5
19	12.8	23.9	17.2	77.3	0.0	1.8	1.8	4.3
20	14.7	22.1	16.7	82.3	20.5	5.5	26.0	2.7
21	13.9	25.8	17.3	79.3	0.0	0.0	0.0	3.5
22	14.2	23.0	17.8	73.0	0.0	3.6	3.6	5.0
23	14.8	21.3	17.4	75.3	0.0	0.0	0.0	1.7
24	13.9	22.3	17.6	72.0	.8	0.0	.8	2.0
25	14.0	19.0	16.0	83.0	.2	0.0	.2	.1
26	13.3	23.8	17.8	73.7	0.0	0.0	0.0	4.3
27	14.0	24.7	18.8	71.3	0.0	0.0	0.0	7.8
28	14.1	22.9	18.4	72.3	0.0	0.0	0.0	2.8
29								
30								
31								
Total :					86.3	19.3	105.6	101.1
Promedio :	13.3	21.6	16.6	78.1				

Estación : AGRONOMIA
Año : 1997

Dpto.: CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 3' N
Longitud : 75 ° 29' W
Altitud : 2150 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	20.0	16.2	81.0	3.7	.2	3.9	.9
2	14.0	24.5	17.6	76.7	0.0	0.0	0.0	3.7
3	13.9	23.4	18.2	74.7	0.0	0.0	0.0	5.0
4	13.7	24.3	17.8	71.3	0.0	0.0	0.0	6.4
5	14.2	18.9	15.9	84.0	0.0	0.0	0.0	0.0
6	11.8	23.2	17.0	67.3	0.0	0.0	0.0	8.4
7	12.8	24.3	17.8	55.0	0.0	0.0	0.0	7.5
8	13.4	22.8	18.0	63.0	0.0	0.0	0.0	2.2
9	13.2	24.1	18.0	72.3	0.0	0.0	0.0	1.2
10	14.2	21.9	17.8	77.7	1.4	9.5	10.9	3.8
11	13.8	23.0	17.2	76.3	.3	1.2	1.5	2.3
12	14.0	20.9	17.2	79.7	1.3	29.8	31.1	2.2
13	13.9	18.4	14.4	91.3	4.1	0.0	4.1	.3
14	11.8	24.3	17.8	70.3	0.0	0.0	0.0	8.9
15	13.2	23.9	18.7	74.0	0.0	0.0	0.0	6.3
16	14.0	20.1	16.1	83.0	2.1	21.4	23.5	.4
17	13.5	17.9	15.3	84.3	6.1	6.3	12.4	0.0
18	13.1	21.1	15.1	82.0	9.0	1.9	10.9	.3
19	12.7	19.5	14.3	88.7	7.6	0.0	7.6	.7
20	12.2	19.9	16.0	81.0	0.0	1.1	1.1	3.2
21	12.5	20.8	15.2	83.0	0.0	0.0	0.0	4.7
22	11.4	23.0	17.1	67.0	0.0	0.0	0.0	7.7
23	13.0	23.1	16.6	70.3	0.0	0.0	0.0	9.1
24	11.8	24.7	18.4	61.7	0.0	0.0	0.0	10.0
25	12.0	24.0	18.3	62.7	.6	.6	1.2	8.6
26	12.8	21.8	17.0	70.3	0.0	.1	.1	4.6
27	13.8	22.8	18.4	64.0	0.0	.8	.8	5.3
28	13.2	20.2	16.3	76.0	5.1	0.0	5.1	2.9
29	13.0	23.1	18.3	68.7	0.0	0.0	0.0	5.7
30	13.1	23.0	17.0	76.7	0.0	0.0	0.0	4.6
31	13.0	22.2	16.6	72.7	.5	0.0	.5	5.1
Total :					41.8	72.9	114.7	132.0
Promedio :	13.1	22.1	17.0	74.4				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h).
1	12.5	21.1	16.2	81.7	2.3	6.1	8.4	3.3
2	13.0	22.7	18.2	68.0	0.0	0.0	0.0	7.3
3	12.5	23.0	17.4	78.0	.1	25.1	25.2	5.7
4	12.9	20.2	16.0	82.0	.3	0.0	.3	1.5
5	12.8	22.0	17.4	75.7	0.0	0.0	0.0	6.6
6	13.2	21.9	16.2	82.0	6.9	.3	7.2	3.3
7	12.5	22.5	16.4	82.0	0.0	0.0	0.0	2.0
8	13.0	21.6	16.7	84.0	.3	0.0	.3	2.5
9	12.9	23.2	17.8	68.7	0.0	0.0	0.0	5.3
10	14.6	21.0	16.6	83.3	2.9	1.2	4.1	.3
11	13.5	20.4	16.5	86.0	.2	0.0	.2	.9
12	13.8	23.9	17.8	73.0	0.0	0.0	0.0	5.1
13	14.2	21.0	16.8	84.3	1.7	0.0	1.7	.9
14	12.3	20.8	16.1	78.7	.3	0.0	.3	1.0
15	13.4	21.2	16.2	81.3	4.8	0.0	4.8	3.3
16	12.0	21.6	17.6	79.3	2.7	0.0	2.7	5.4
17	14.5	20.7	16.8	86.3	2.9	.3	3.2	1.2
18	13.6	19.0	16.1	81.7	.6	5.7	6.3	0.0
19	13.8	21.4	16.4	88.0	0.0	28.3	28.3	1.5
20	12.8	18.2	14.6	92.0	6.4	10.2	16.6	1.2
21	13.0	20.6	15.8	88.0	2.5	6.1	8.6	2.8
22	13.3	16.9	14.4	86.3	4.5	1.2	5.7	0.0
23	12.3	20.1	16.1	81.0	0.0	0.0	0.0	1.8
24	13.0	21.2	16.4	74.7	0.0	0.0	0.0	3.3
25	12.7	18.0	14.2	89.3	8.4	0.0	8.4	.3
26	12.0	21.4	15.8	80.0	0.0	1.6	1.6	2.8
27	13.0	20.2	16.4	82.3	.4	1.7	2.1	3.7
28	13.1	21.7	16.0	78.0	0.0	0.0	0.0	2.9
29	12.0	24.2	17.6	67.3	0.0	0.0	0.0	9.5
30	12.9	19.7	15.8	79.0	.9	0.0	.9	1.2
31								
Total :					49.1	87.8	136.9	86.6
Promedio :	13.0	21.0	16.4	80.7				

Estación : AGRONOMIA
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 3 ' N
Longitud : 75 ° 29 ' W
Altitud : 2150 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.0	22.6	16.6	68.3	0.0	0.0	0.0	4.7
2	13.5	21.0	17.2	77.3	0.0	0.0	0.0	2.7
3	14.0	23.0	17.8	75.7	0.0	3.4	3.4	5.6
4	13.8	21.6	16.9	76.7	0.0	0.0	0.0	3.4
5	12.7	22.0	17.2	62.0	0.0	.2	.2	2.4
6	13.9	23.1	17.3	72.7	0.0	0.0	0.0	1.4
7	13.6	21.2	15.8	88.0	7.3	0.0	7.3	1.9
8	11.3	23.1	17.8	73.0	0.0	0.0	0.0	5.9
9	13.7	20.4	16.2	87.3	15.4	1.3	16.7	2.0
10	13.5	20.5	15.9	85.3	.3	13.2	13.5	1.1
11	12.5	18.7	15.2	88.3	0.0	0.0	0.0	.7
12	12.0	20.5	16.6	73.0	.4	4.4	4.8	4.5
13	13.2	22.0	16.4	78.3	1.0	0.0	1.0	4.0
14	12.9	20.1	15.8	84.3	8.0	0.0	8.0	1.4
15	12.8	22.1	17.0	83.0	0.0	0.0	0.0	5.0
16	13.8	22.0	16.3	78.7	.6	.2	.8	5.6
17	14.0	23.8	17.8	75.0	.4	0.0	.4	7.1
18	13.9	25.0	19.1	67.0	0.0	0.0	0.0	6.2
19	14.7	21.6	17.4	77.3	0.0	0.0	0.0	1.3
20	13.9	22.8	17.4	78.3	0.0	0.0	0.0	4.4
21	14.0	23.2	17.6	73.7	0.0	.8	.8	4.8
22	13.9	18.7	15.9	82.7	0.0	0.0	0.0	.4
23	12.5	25.0	18.7	65.7	0.0	0.0	0.0	8.3
24	14.8	23.1	17.2	82.3	1.9	0.0	1.9	2.1
25	14.3	19.9	15.7	90.0	13.7	0.0	13.7	.3
26	13.5	18.8	15.6	86.3	7.6	15.9	23.5	.4
27	13.1	20.0	16.5	84.3	0.0	0.0	0.0	2.9
28	13.9	19.8	16.5	82.7	1.3	0.0	1.3	.4
29	14.0	19.0	15.8	89.3	2.3	0.0	2.3	1.1
30	13.7	20.1	15.8	88.7	4.6	0.0	4.6	1.2
31	13.3	20.3	16.2	85.7	0.0	0.0	0.0	5.5
Total					64.8	39.4	104.2	98.7
Promedio	13.4	21.5	16.7	79.4				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	21.5	16.6	79.3	0.0	0.0	0.0	2.9
2	13.0	21.0	16.4	76.7	1.4	0.0	1.4	1.9
3	13.5	22.0	16.6	73.3	2.2	.2	2.4	3.9
4	13.0	15.0	13.8	92.7	12.2	0.0	12.2	0.0
5	12.0	19.5	15.5	77.7	1.1	0.0	1.1	2.0
6	14.0	20.0	15.4	85.7	14.7	.1	14.8	.5
7	13.8	17.2	14.6	91.3	1.3	14.2	15.5	.1
8	12.5	17.5	14.8	88.3	.8	0.0	.8	0.0
9	11.5	20.2	15.4	82.7	4.8	0.0	4.8	.6
10	12.5	20.0	16.2	81.3	.5	1	.6	3.4
11	13.2	22.0	16.8	83.7	0.0	3.3	3.3	3.6
12	13.0	22.5	16.1	83.0	0.0	0.0	0.0	1.8
13	11.5	19.0	15.0	86.7	5.5	4.5	10.0	2.5
14	13.0	21.5	16.5	76.3	0.0	0.0	0.0	3.1
15	12.5	22.5	16.6	80.7	0.0	0.0	0.0	3.9
16	14.0	23.0	17.2	75.3	0.0	0.0	0.0	3.5
17	13.8	21.0	16.6	78.3	0.0	0.0	0.0	1.1
18	13.5	20.5	16.2	84.0	0.0	7.2	7.2	1.3
19	13.2	18.5	15.4	87.3	.2	0.0	.2	.4
20	12.5	23.0	17.4	76.3	0.0	0.0	0.0	5.4
21	12.8	24.0	17.5	71.7	0.0	0.0	0.0	6.7
22	13.0	25.0	19.0	67.7	0.0	0.0	0.0	8.3
23	13.5	23.5	18.0	74.0	0.0	0.0	0.0	4.8
24	14.0	21.5	17.0	82.7	0.0	0.0	0.0	.8
25	14.2	20.5	16.2	84.7	3.9	2.6	6.5	1.2
26	13.0	18.0	15.0	90.7	10.7	.1	10.8	.2
27	13.1	21.0	15.7	77.7	3.9	0.0	3.9	1.0
28	12.0	24.0	17.6	71.3	0.0	0.0	0.0	9.0
29	13.0	24.0	18.1	72.0	0.0	8.7	8.7	3.9
30	12.9	23.5	16.8	73.3	0.0	6.2	6.2	6.2
31								
Total					63.2	47.2	110.4	84.0
Promedio	13.1	21.1	16.3	80.2				

Estación : AGRONOMIA
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 3 ' N
Longitud : 75 ° 29 ' W
Altitud : 2150 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.5	22.2	16.2	75.3	0.0	0.0	0.0	6.6
2	13.0	23.5	17.3	66.0	0.0	0.0	0.0	8.2
3	13.5	22.0	17.0	73.0	0.0	0.0	0.0	3.3
4	13.0	25.0	18.2	68.3	0.0	0.0	0.0	5.5
5	15.0	23.0	18.1	65.7	0.0	0.0	0.0	2.5
6	13.8	26.0	19.6	63.7	0.0	0.0	0.0	8.1
7	14.0	24.0	18.3	73.0	0.0	0.0	0.0	5.1
8	13.5	23.0	18.0	71.7	0.0	0.0	0.0	3.2
9	14.0	19.0	15.9	92.0	14.6	2.5	17.1	.4
10	12.6	22.0	17.3	72.3	0.0	0.0	0.0	4.0
11	14.0	22.5	17.8	69.3	0.0	0.0	0.0	2.2
12	14.5	22.0	18.3	71.0	0.0	0.0	0.0	3.8
13	12.5	26.0	19.0	58.7	0.0	0.0	0.0	8.6
14	14.5	22.0	17.3	71.0	0.0	0.0	0.0	2.5
15	12.5	22.5	18.0	73.0	0.0	0.0	0.0	4.0
16	13.9	21.5	17.4	80.0	0.0	.3	.3	1.8
17	13.0	23.0	18.1	69.7	0.0	0.0	0.0	4.5
18	13.8	26.0	19.2	61.7	0.0	0.0	0.0	5.9
19	12.9	25.5	19.1	52.0	0.0	0.0	0.0	7.5
20	13.5	26.0	19.2	55.3	0.0	0.0	0.0	7.9
21	12.8	24.0	18.2	64.7	0.0	0.0	0.0	5.5
22	13.9	22.0	17.1	69.3	0.0	0.0	0.0	2.1
23	13.5	28.5	20.8	52.0	0.0	0.0	0.0	9.1
24	14.0	28.0	20.7	53.7	0.0	0.0	0.0	8.0
25	15.0	24.0	18.8	67.3	0.0	0.0	0.0	1.3
26	14.0	26.0	20.1	60.3	0.0	0.0	0.0	5.7
27	13.8	21.5	17.7	68.7	0.0	0.0	0.0	.1
28	13.5	20.5	16.5	80.3	.6	0.0	.6	1.3
29	13.5	22.0	17.2	77.7	0.0	.4	.4	2.8
30	13.5	22.2	17.0	78.0	0.0	0.0	0.0	2.0
31	13.0	25.0	18.2	68.7	0.0	1.3	1.3	6.6
Total :					15.2	4.5	19.7	140.1
Promedio :	13.6	23.6	18.1	68.5				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.4	26.5	19.4	61.3	0.0	0.0	0.0	8.9
2	13.7	24.0	18.6	67.0	0.0	0.0	0.0	2.1
3	13.2	24.5	18.1	70.7	0.0	0.0	0.0	3.0
4	13.0	26.5	18.9	58.3	0.0	0.0	0.0	6.9
5	14.2	29.0	20.6	53.3	0.0	0.0	0.0	8.8
6	15.6	26.0	20.1	58.0	0.0	0.0	0.0	5.2
7	15.0	25.5	20.2	57.3	0.0	0.0	0.0	5.1
8	13.3	25.0	19.5	55.3	0.0	0.0	0.0	6.1
9	13.8	21.0	17.4	79.3	2.6	0.0	2.6	1.0
10	13.3	23.0	18.2	73.0	0.0	0.0	0.0	4.1
11	12.4	25.0	19.0	68.0	0.0	0.0	0.0	5.1
12	13.8	24.5	18.0	71.3	0.0	0.0	0.0	4.2
13	14.0	23.5	18.0	76.7	0.0	0.0	0.0	1.4
14	15.0	24.0	18.3	73.0	1.2	0.0	1.2	3.2
15	13.2	27.5	20.2	59.7	0.0	0.0	0.0	9.1
16	13.3	26.5	19.8	67.0	0.0	0.0	0.0	8.5
17	14.7	25.5	18.9	72.0	0.0	0.0	0.0	6.4
18	14.0	24.0	19.0	69.0	0.0	0.0	0.0	6.3
19	14.8	22.5	17.8	78.0	0.0	0.0	0.0	1.2
20	14.0	25.0	19.3	59.3	0.0	0.0	0.0	5.9
21	12.8	28.0	20.0	45.7	0.0	0.0	0.0	9.4
22	15.0	24.0	19.2	65.3	0.0	0.0	0.0	4.5
23	13.2	24.5	19.2	70.0	0.0	0.0	0.0	6.3
24	13.7	27.5	18.8	68.0	.7	0.0	.7	7.1
25	13.2	28.5	20.6	64.0	0.0	0.0	0.0	9.4
26	15.1	25.0	19.5	72.3	.5	0.0	.5	.1
27	14.9	22.5	18.6	68.7	0.0	0.0	0.0	.9
28	13.7	27.5	19.8	49.3	0.0	0.0	0.0	8.0
29	13.0	27.0	19.3	51.3	0.0	0.0	0.0	9.3
30	12.6	27.5	19.4	59.3	0.0	0.0	0.0	9.1
31	12.8	26.5	19.1	64.3	0.0	0.0	0.0	7.0
Total :					5.0	0.0	5.0	173.6
Promedio :	13.8	25.4	19.1	64.7				

Estación : AGRONOMIA
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 3 ' N
Longitud : 75 ° 29 ' W
Altitud : 2150 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	23.0	18.1	77.3	0.0	1.3	1.3	2.2
2	14.0	23.5	17.3	76.3	.6	0.0	.6	.4
3	12.1	23.0	16.9	78.3	0.0	0.0	0.0	4.4
4	12.8	27.5	17.8	68.3	2.0	0.0	2.0	7.5
5	14.0	27.0	18.3	68.3	0.0	19.5	19.5	4.4
6	12.8	22.0	16.8	79.7	3.3	0.0	3.3	4.0
7	13.9	22.0	16.4	87.7	8.0	9.8	17.8	1.5
8	13.6	19.0	15.4	93.0	15.9	5.7	21.6	1.9
9	13.2	20.5	16.3	84.0	1.1	1.8	2.9	1.7
10	13.5	24.5	17.8	69.7	0.0	0.0	0.0	2.7
11	13.9	23.5	18.0	79.0	0.0	0.0	0.0	4.7
12	14.8	23.0	18.8	75.3	0.0	0.0	0.0	4.4
13	13.6	25.0	17.6	74.7	0.0	0.0	0.0	4.7
14	13.5	25.1	19.2	68.0	0.0	0.0	0.0	5.9
15	13.7	24.5	18.5	64.3	0.0	0.0	0.0	5.5
16	14.0	23.5	19.0	71.0	0.0	0.0	0.0	2.6
17	13.0	24.0	18.0	67.7	0.0	0.0	0.0	3.4
18	12.8	25.0	18.0	66.0	0.0	0.0	0.0	6.8
19	13.9	24.0	18.4	73.7	0.0	0.0	0.0	4.1
20	14.2	21.0	16.1	85.3	2.1	0.0	2.1	1.1
21	13.0	21.5	17.6	76.7	0.0	4.1	4.1	2.7
22	13.8	20.0	16.0	89.3	.6	11.2	11.8	3.3
23	13.4	21.5	16.4	85.0	10.6	6.0	16.6	2.1
24	13.9	21.0	16.4	87.3	19.8	9.4	29.2	.7
25	13.4	23.0	16.7	73.7	1.2	0.0	1.2	3.7
26	14.1	22.5	17.3	81.3	3.6	0.0	3.6	2.3
27	13.5	22.0	16.4	76.3	1.1	0.0	1.1	2.1
28	12.8	20.0	16.2	67.3	0.0	0.0	0.0	.4
29	13.8	25.0	18.0	72.3	.9	0.0	.9	5.7
30	12.5	22.5	17.2	71.3	.5	0.0	.5	6.4
31								
Total					71.3	68.8	140.1	103.3
Promedio	13.5	23.0	17.4	76.3				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.7	23.5	18.0	73.7	0.0	0.0	0.0	4.9
2	15.0	22.0	16.8	83.7	1.0	9.0	10.0	.8
3	14.3	19.5	15.7	90.0	5.1	0.0	5.1	1.5
4	13.0	22.0	17.5	73.7	.3	2.7	3.0	2.0
5	15.0	23.8	17.1	76.3	0.0	0.0	0.0	3.9
6	13.2	20.0	16.0	77.3	0.0	0.0	0.0	1.2
7	14.0	24.0	17.8	69.0	0.0	0.0	0.0	4.8
8	13.9	21.5	16.8	77.3	5.1	0.0	5.1	1.8
9	13.0	25.0	17.6	68.3	1.1	8.5	9.6	4.8
10	13.7	22.0	17.5	80.7	0.0	25.8	25.8	4.3
11	13.9	22.5	17.2	82.0	0.0	0.0	0.0	2.6
12	14.0	24.0	18.5	80.3	4.7	20.6	25.3	6.7
13	13.8	20.5	16.8	84.0	0.0	.8	.8	4.4
14	13.0	22.5	17.4	75.0	0.0	.8	.8	8.5
15	13.7	23.0	17.6	75.3	0.0	0.0	0.0	1.6
16	14.3	24.0	17.8	78.7	10.2	23.4	33.6	2.9
17	13.0	21.0	16.9	77.0	0.0	8.0	8.0	4.7
18	12.9	21.5	15.8	87.3	7.8	1.1	8.9	4.1
19	13.9	22.5	17.6	82.7	0.0	0.0	0.0	6.5
20	14.6	24.5	18.0	71.7	3.3	.3	3.6	4.6
21	13.1	23.5	16.7	85.0	8.1	26.0	34.1	5.8
22	13.7	20.0	15.9	90.3	1.7	0.0	1.7	1.7
23	13.3	25.0	18.6	69.7	0.0	0.0	0.0	8.8
24	14.4	24.5	18.6	71.7	0.0	0.0	0.0	7.5
25	13.3	24.8	18.2	70.3	0.0	0.0	0.0	8.1
26	14.5	25.0	19.1	71.7	0.0	0.0	0.0	8.5
27	14.3	25.5	19.3	75.0	1.4	0.0	1.4	6.3
28	13.3	22.5	18.0	85.3	.5	1.1	1.6	3.4
29	14.8	23.5	17.6	82.0	0.0	0.0	0.0	4.5
30	13.7	25.2	17.8	75.0	10.1	0.0	10.1	7.0
31	13.8	22.0	15.1	88.0	18.5	0.0	18.5	2.6
Total					78.9	128.1	207.0	140.8
Promedio	13.8	22.9	17.4	78.3				

Estación : AGRONOMIA
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 3 ' N
Longitud : 75 ° 29 ' W
Altitud : 2150 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.5	22.5	17.2	80.7	0.0	0.0	0.0	5.3
2	13.2	24.5	18.4	73.3	0.0	0.0	0.0	2.5
3	14.0	21.0	16.4	75.3	2.7	0.0	2.7	.1
4	13.8	20.5	16.7	82.3	2.9	3.7	6.6	2.3
5	14.7	23.0	18.6	78.0	.3	12.7	13.0	3.4
6	14.0	22.5	17.8	86.7	.2	0.0	.2	1.0
7	15.2	21.0	17.2	86.7	.9	1.8	2.7	.5
8	14.8	19.5	15.9	91.7	28.7	1.5	30.2	0.0
9	14.0	18.0	15.0	90.0	7.5	5.8	13.3	0.0
10	13.5	20.0	16.3	89.3	.2	4.7	4.9	1.6
11	13.9	22.0	16.4	85.3	3.4	2.6	6.0	3.6
12	14.2	22.5	16.6	83.7	9.9	.9	10.8	4.3
13	13.8	18.0	15.0	93.7	1.0	.8	1.8	1.0
14	13.9	21.0	14.3	93.3	30.0	26.0	56.0	2.8
15	12.8	19.5	15.1	84.3	0.0	0.0	0.0	3.7
16	12.1	21.5	16.8	76.0	0.0	1.6	1.6	4.9
17	13.8	18.6	15.5	90.7	.6	0.0	.6	.4
18	13.0	21.0	17.0	81.0	0.0	0.0	0.0	2.0
19	12.4	23.0	16.8	81.7	1.9	8.6	10.5	2.8
20	12.8	19.0	15.5	86.0	0.0	0.0	0.0	1.5
21	12.7	23.6	17.7	79.3	0.0	0.0	0.0	6.3
22	13.3	24.0	18.5	77.7	0.0	0.0	0.0	6.1
23	14.0	24.5	18.1	79.3	6.6	0.0	6.6	3.4
24	13.8	22.0	17.4	77.7	0.0	0.0	0.0	2.9
25	12.9	20.0	14.3	91.3	44.4	.2	44.6	1.3
26	12.7	18.0	14.8	87.3	.5	3.0	3.5	.3
27	13.0	23.0	16.8	83.7	0.0	0.0	0.0	5.5
28	12.9	24.8	17.3	72.7	0.0	0.0	0.0	8.0
29	12.5	23.5	17.3	78.0	0.0	7.7	7.7	4.0
30	12.0	22.0	16.3	76.0	.3	.6	.9	5.0
31								
Total					142.0	82.2	224.2	86.5
Promedio	13.4	21.5	16.6	83.1				

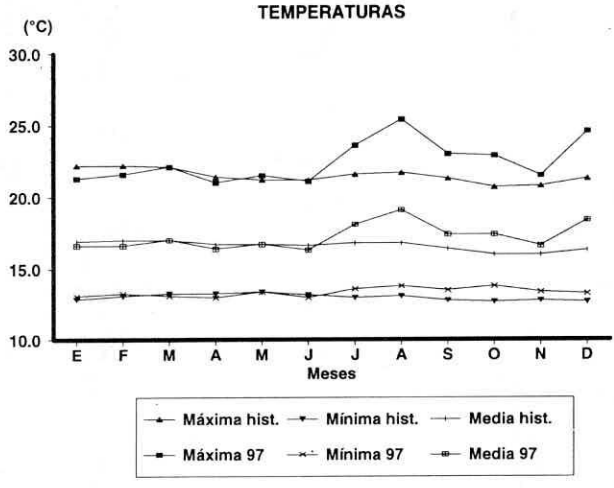
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	24.5	17.6	79.7	0.0	.2	.2	7.1
2	13.2	23.5	17.3	75.7	0.0	0.0	0.0	5.0
3	14.0	23.0	17.5	76.7	0.0	0.0	0.0	6.4
4	12.1	24.5	18.0	67.0	0.0	0.0	0.0	7.3
5	13.0	25.0	19.1	68.3	0.0	0.0	0.0	6.3
6	13.2	25.5	19.2	68.7	0.0	0.0	0.0	7.5
7	14.0	23.5	19.2	73.7	0.0	0.0	0.0	5.4
8	13.5	26.0	18.2	68.7	0.0	0.0	0.0	6.9
9	12.8	25.0	17.9	69.7	0.0	0.0	0.0	8.0
10	13.0	24.4	18.0	76.7	0.0	0.0	0.0	7.0
11	13.5	25.5	19.2	71.7	0.0	0.0	0.0	7.5
12	13.8	24.5	18.8	74.3	.8	0.0	.8	6.4
13	14.0	25.5	18.7	74.3	0.0	0.0	0.0	8.2
14	13.0	24.0	18.2	76.0	1.2	3.9	5.1	6.0
15	14.8	22.5	17.0	85.7	0.0	0.0	0.0	1.4
16	12.9	23.6	18.1	69.7	0.0	0.0	0.0	6.6
17	13.2	24.5	18.1	70.7	0.0	0.0	0.0	8.9
18	12.8	23.5	17.5	74.0	0.0	0.0	0.0	5.4
19	11.7	25.0	18.4	65.0	0.0	0.0	0.0	7.7
20	13.4	24.5	18.8	70.0	0.0	0.0	0.0	7.6
21	12.9	24.0	17.8	76.3	1.5	0.0	1.5	4.4
22	13.0	24,5	21.4	69.0	0.0	0.0	0.0	6.3
23	13.3	25.6	18.4	65.0	0.0	0.0	0.0	9.1
24	12.9	24.8	18.4	64.3	0.0	0.0	0.0	3.2
25	14.0	25.0	17.6	66.7	0.0	0.0	0.0	6.9
26	12.9	24.6	18.1	70.3	0.0	0.0	0.0	7.0
27	13.5	26.5	18.9	68.3	0.0	0.0	0.0	9.1
28	13.8	26.0	19.1	66.3	0.0	0.0	0.0	8.6
29	14.0	26.0	,8.9	60.7	0.0	0.0	0.0	6.9
30	13.5	24.2	17.7	74.0	0.0	0.0	0.0	4.4
31	13.0	24.0	18.8	70.7	0.0	0.0	0.0	6.2
Total					3.5	4.1	7.6	204.7
Promedio	13.3	24.6	18.4	71.2				

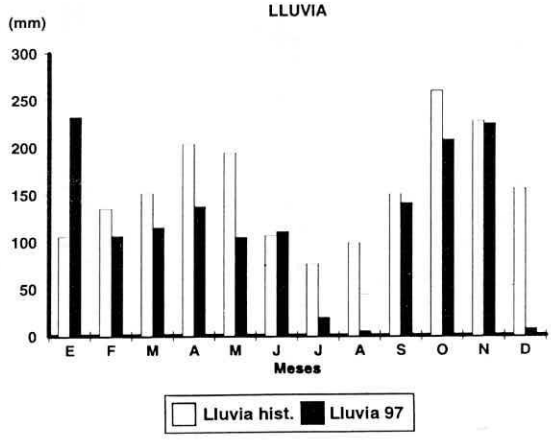
Estación : AGRONOMIA
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 3 'N
Longitud : 75 ° 29 'W
Altitud : 2150 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	13.1	21.3	16.6	24.0	11.9	78.6	231.9	23	121.8
Febrero	13.3	21.6	16.6	25.8	11.2	78.1	105.6	16	101.1
Marzo	13.1	22.1	17.0	24.7	11.4	74.4	114.7	15	132.0
Abril	13.0	21.0	16.4	24.2	12.0	80.7	136.9	21	86.6
Mayo	13.4	21.5	16.7	25.0	11.3	79.4	104.2	17	98.7
Junio	13.0	21.1	16.3	25.0	11.5	80.2	110.4	18	84.0
Julio	13.6	23.6	18.1	28.5	12.5	68.5	19.7	5	140.1
Agosto	13.8	25.4	19.1	29.0	12.4	64.7	5.0	4	173.6
Septiembre	13.5	23.0	17.4	27.5	12.1	76.3	140.1	18	103.3
Octubre	13.8	22.9	17.4	25.5	12.7	78.3	207.0	19	140.8
Noviembre	13.4	21.5	16.6	24.8	12.0	83.1	224.2	20	86.5
Diciembre	13.3	24.6	18.4	26.5	11.7	71.2	7.6	4	204.7
Promedio :	13.4	22.5	17.2			76.1			
Absoluta :				29.0	11.2				
Total :							1407.3	180	1473.2





Estación : PLANALTO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 1 ' N
Longitud : 75 ° 36 ' W
Altitud : 1425 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	20.8	17.8	96.3	2.3	0.0	18.8	
2	15.7	24.0	19.2	85.0	.7	6.0	6.7	
3	17.0	25.3	20.2	83.0	0.0	2.7	3.0	
4	16.0	26.6	20.5	81.3	0.0	0.0	2.3	
5	15.2	27.4	20.7	84.0	0.0	0.0	0.0	
6	16.7	26.3	20.8	78.7	0.0	22.2	22.2	
7	17.2	22.1	18.7	92.0	0.0	0.0	3.8	
8	15.7	27.8	20.6	80.0	0.0	14.1	14.1	
9	17.0	25.6	20.2	89.7	0.0	17.4	17.4	
10	16.0	24.7	18.6	85.7	3.4	3.2	6.6	
11	15.7	25.2	19.4	85.7	0.0	0.0	1.2	
12	16.2	25.8	20.2	82.3	0.0	34.4	34.4	
13	15.9	26.9	20.1	84.0	0.0	1.1	1.1	
14	16.0	26.8	21.0	76.0	0.0	0.0	0.0	
15	16.1	27.1	19.7	80.3	8.0	2.1	10.1	
16	17.0	25.7	20.5	84.7	0.0	27.5	27.5	
17	16.7	25.0	19.3	85.7	1.3	14.2	41.5	
18	16.8	26.2	20.9	84.0	0.0	1.5	1.5	
19	15.6	26.6	21.1	73.3	0.0	0.0	0.0	
20	17.2	23.9	19.5	84.0	.3	0.0	.3	
21	16.4	25.6	18.4	88.3	1.0	1.1	2.1	
22	15.1	27.3	19.9	82.0	.2	9.6	9.8	
23	16.3	26.6	18.8	85.0	4.0	24.9	28.9	
24	15.4	25.8	20.3	82.7	0.0	4.8	4.8	
25	16.2	25.4	19.9	88.3	0.0	66.1	66.1	
26	16.6	26.2	18.7	88.0	7.7	5.0	12.7	
27	15.4	26.0	20.5	81.0	0.0	0.0	0.0	
28	15.6	26.8	21.1	74.0	0.0	0.0	0.0	
29	16.5	26.8	21.4	80.7	0.0	.1	.7	
30	16.5	27.0	21.0	73.7	0.0	13.9	13.9	
31	15.6	25.8	20.8	83.0	0.0	32.2	32.2	
Total :					28.9	304.1	383.7	
Promedio :	16.2	25.8	20.0	83.3				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.1	24.4	19.6	86.0	0.0	25.9	26.1	
2	16.3	26.6	20.4	83.7	0.0	0.0	0.0	
3	16.4	26.8	19.6	83.0	0.0	0.0	0.0	
4	14.4	25.5	18.7	85.3	1.0	8.8	9.8	
5	14.8	25.2	20.1	78.0	0.0	5.3	5.3	
6	14.8	25.4	19.4	80.7	.1	11.8	11.9	
7	16.1	25.5	20.0	86.0	0.0	0.0	0.0	
8	16.5	24.6	20.0	86.0	0.0	0.0	.3	
9	16.0	25.1	20.4	85.7	0.0	.2	.2	
10	16.2	23.9	19.4	86.0	0.0	0.0	0.0	
11	16.2	24.3	20.0	86.7	.2	0.0	.2	
12	16.8	24.9	22.7	86.0	0.0	4.0	4.0	
13	15.5	26.3	20.6	81.7	0.0	0.0	0.0	
14	15.7	28.2	22.4	77.7	0.0	1.5	1.5	
15	18.2	27.4	21.4	83.0	0.0	3.2	3.2	
16	17.4	25.0	20.0	87.3	1.5	0.0	17.4	
17	17.1	25.5	20.8	87.0	0.0	7.6	7.6	
18	16.5	27.0	20.9	80.7	0.0	0.0	0.0	
19	17.4	28.2	22.8	80.3	0.0	17.2	17.2	
20	17.9	26.5	21.1	86.3	1.2	64.9	66.1	
21	17.1	29.2	22.3	80.3	0.0	.6	.6	
22	18.1	28.5	22.5	72.7	0.0	9.3	9.3	
23	17.4	26.4	21.2	81.3	0.0	0.0	0.0	
24	17.8	27.0	21.5	85.3	0.0	.3	2.3	
25	17.5	24.2	20.5	89.0	0.0	0.0	0.0	
26	17.5	27.5	22.8	81.0	0.0	13.8	13.8	
27	18.0	29.0	22.7	77.7	0.0	0.0	0.0	
28	18.0	27.4	22.3	80.7	0.0	0.0	0.0	
29								
30								
31								
Total :					4.0	174.4	196.8	
Promedio :	16.7	26.3	20.9	83.0				

Estación : PLANALTO **Dpto. : CALDAS** **Latitud : 5 ° 1 ' N**
Año : 1997 **Mpio. : MANIZALES** **Longitud : 75 ° 36 ' W**
Altitud : 1425 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.3	24.9	20.6	83.0	0.0	.2	.2	
2	17.5	28.0	22.4	79.3	0.0	.6	.7	
3	17.1	28.4	21.5	86.3	0.0	0.0	1.9	
4	18.1	28.8	22.7	76.3	0.0	1.0	1.0	
5	18.2	21.0	19.0	93.3	0.0	0.0	0.0	
6	14.4	28.0	20.9	75.3	0.0	0.0	0.0	
7	16.5	29.8	22.4	66.3	0.0	0.0	0.0	
8	17.1	26.8	22.2	71.3	0.0	0.0	0.0	
9	16.1	28.0	22.7	70.3	0.0	11.3	11.3	
10	17.0	27.7	22.7	77.3	0.0	8.3	8.3	
11	17.7	28.4	23.0	76.3	0.0	11.1	11.1	
12	17.5	26.8	21.7	79.3	0.0	16.7	16.7	
13	16.4	21.8	18.5	95.0	.2	.4	7.4	
14	16.5	28.2	21.4	81.0	0.0	0.0	0.0	
15	17.2	29.2	23.3	73.0	0.0	0.0	0.0	
16	17.7	25.0	20.0	86.3	13.1	25.4	38.5	
17	17.5	21.2	19.0	92.7	0.0	5.2	12.6	
18	16.6	25.8	18.6	87.7	26.2	.4	26.6	
19	16.0	23.3	17.7	94.0	.3	0.0	16.5	
20	15.6	24.4	20.0	84.3	.1	1.4	1.5	
21	16.2	25.0	18.5	93.7	0.0	0.0	3.3	
22	15.2	27.8	21.6	71.0	0.0	.1	.1	
23	17.1	26.8	20.1	77.3	0.0	0.0	.3	
24	15.0	28.4	21.5	71.0	0.0	0.0	0.0	
25	15.7	27.9	22.1	68.7	0.0	0.0	0.0	
26	16.8	25.8	20.9	80.0	0.0	1.2	1.2	
27	17.0	28.2	21.9	71.0	0.0	0.0	0.0	
28	17.2	27.6	21.0	78.0	0.0	0.0	0.0	
29	17.4	27.5	21.8	74.0	0.0	0.0	0.0	
30	17.0	26.8	21.0	79.3	.6	.1	.7	
31	16.4	27.0	20.4	76.7	25.2	0.0	25.2	
Total :					65.7	83.4	185.1	
Promedio :	16.7	26.6	21.0	79.6				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	25.0	19.1	86.0	22.7	2.3	25.0	
2	17.0	28.8	21.7	72.0	0.0	10.9	10.9	
3	16.7	28.5	21.6	76.3	.1	92.8	92.9	
4	16.5	24.4	20.2	87.0	.2	0.0	.2	
5	16.0	27.7	22.0	80.0	0.0	0.0	0.0	
6	16.9	28.4	20.3	82.3	0.0	16.0	16.0	
7	16.0	25.8	20.3	87.3	0.0	0.0	0.0	
8	17.0	25.0	20.9	82.0	0.0	0.0	0.0	
9	16.5	27.4	21.9	80.3	0.0	5.6	5.6	
10	17.9	25.6	20.9	87.3	0.0	.2	.2	
11	18.2	24.7	21.1	87.3	0.0	0.0	0.0	
12	17.1	29.0	22.0	75.0	0.0	.2	.2	
13	18.7	25.9	20.9	85.0	0.0	0.0	0.0	
14	15.5	26.6	21.8	77.7	0.0	0.0	0.0	
15	16.5	27.6	20.9	81.7	1.1	0.0	1.1	
16	15.2	28.8	22.0	74.7	0.0	45.1	45.1	
17	16.9	24.3	20.3	88.7	0.0	2.3	2.3	
18	17.0	25.0	20.4	85.0	.1	.8	.9	
19	17.0	26.3	21.0	88.0	0.0	20.2	20.2	
20	16.4	22.8	18.4	94.3	0.0	6.2	11.2	
21	16.2	24.0	19.8	84.3	0.0	0.0	0.0	
22	17.0	21.7	19.2	90.3	.1	1.9	16.0	
23	16.2	24.6	19.6	85.0	0.0	1.5	1.5	
24	16.0	26.1	20.3	78.0	0.0	0.0	0.0	
25	16.7	22.8	18.2	87.3	.6	0.0	5.2	
26	15.5	26.8	20.3	85.3	0.0	6.4	6.4	
27	17.4	25.2	20.5	86.0	0.0	2.0	2.0	
28	16.4	26.9	20.8	83.3	0.0	0.0	0.0	
29	16.1	28.4	22.0	71.7	0.0	0.0	0.0	
30	17.5	26.2	20.6	83.0	.2	0.0	.2	
31								
Total :					25.1	214.4	263.1	
Promedio :	16.7	26.0	20.6	83.1				

Estación : PLANALTO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 1 ' N
Longitud : 75 ° 36 ' W
Altitud : 1425 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	28.1	21.6	74.3	0.0	0.0	0.0	
2	17.0	27.0	21.6	78.7	0.0	6.5	6.5	
3	17.8	27.8	22.4	79.0	.5	3.7	4.6	
4	17.7	27.3	21.7	82.3	0.0	0.0	0.0	
5	15.7	27.8	21.8	73.7	0.0	.6	.6	
6	17.1	27.3	20.8	81.3	.4	0.0	.4	
7	16.8	25.6	20.8	85.0	0.0	0.0	0.0	
8	15.1	27.8	21.6	79.3	0.0	0.0	0.0	
9	16.9	25.3	19.6	92.3	.1	30.1	43.6	
10	16.9	25.4	20.0	90.3	.5	28.1	28.6	
11	16.4	23.4	18.4	92.7	0.0	0.0	1.1	
12	15.3	26.0	20.2	80.7	0.0	5.8	5.8	
13	16.5	26.0	19.2	90.3	2.2	0.0	2.2	
14	16.3	25.0	18.6	94.7	9.2	1.9	13.2	
15	15.7	25.3	20.1	87.0	0.0	0.0	0.0	
16	17.1	26.8	20.8	76.7	0.0	0.0	0.0	
17	17.0	28.0	21.4	83.0	0.0	0.0	0.0	
18	16.6	29.0	22.9	72.3	0.0	.1	.1	
19	18.0	26.8	21.7	86.3	0.0	0.0	0.0	
20	17.5	28.4	22.5	80.0	0.0	0.0	0.0	
21	17.5	27.0	22.0	81.7	0.0	49.0	49.0	
22	17.2	26.0	20.4	86.7	0.0	0.0	0.0	
23	15.4	29.0	23.0	72.0	0.0	0.0	0.0	
24	18.5	27.0	22.1	85.0	0.0	0.0	0.0	
25	17.5	25.2	19.5	96.3	.9	2.1	6.2	
26	17.3	22.0	18.8	93.7	0.0	3.8	10.7	
27	16.0	26.1	20.4	88.0	0.0	0.0	0.0	
28	17.8	25.3	20.5	87.3	1.0	.5	1.7	
29	17.1	25.6	20.0	91.0	0.0	.5	.6	
30	17.7	23.2	20.6	95.3	.6	0.0	1.8	
31	17.0	25.4	20.5	90.3	0.0	1.1	1.1	
Total :					15.4	133.8	177.8	
Promedio :	16.8	26.3	20.8	84.7				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.3	25.5	20.4	85.0	0.0	0.0	.3	
2	16.0	26.8	20.8	88.3	0.0	0.0	4.1	
3	16.6	28.3	21.2	78.7	.8	.1	.9	
4	16.7	21.3	17.5	94.7	.1	0.0	34.5	
5	15.3	25.1	19.1	83.7	9.2	0.0	9.2	
6	17.1	25.4	20.2	86.7	0.0	.3	.3	
7	17.0	22.4	18.6	94.3	2.4	5.5	9.4	
8	16.0	22.4	18.6	90.0	0.0	0.0	.2	
9	15.3	25.6	19.2	84.3	.4	0.0	.4	
10	15.7	23.4	19.8	87.3	4.4	0.0	4.4	
11	17.4	25.0	20.8	89.0	0.0	44.0	44.0	
12	16.2	25.4	20.0	89.7	0.0	.2	.4	
13	16.0	22.8	19.1	91.3	10.4	14.8	35.0	
14	16.6	27.4	21.0	81.3	0.0	0.0	0.0	
15	16.2	27.2	22.0	77.7	0.0	.3	.3	
16	17.4	27.6	20.8	85.0	5.6	0.0	5.6	
17	17.6	25.2	21.3	86.3	0.0	.4	.4	
18	17.0	25.8	20.5	87.7	0.0	13.8	13.8	
19	17.0	23.6	19.4	91.3	0.0	0.0	5.5	
20	16.8	27.7	21.8	79.0	0.0	0.0	0.0	
21	16.5	28.0	21.1	74.3	0.0	0.0	0.0	
22	17.5	28.5	23.0	73.3	0.0	0.0	0.0	
23	18.0	28.2	22.5	79.7	0.0	0.0	0.0	
24	17.8	26.0	21.4	85.0	0.0	.5	.6	
25	17.6	25.5	19.8	87.0	3.5	10.1	15.7	
26	17.3	23.2	20.0	88.0	.2	3.8	4.6	
27	16.6	26.8	20.8	81.0	0.0	0.0	0.0	
28	15.0	28.2	20.9	79.0	.8	1.2	2.0	
29	16.8	28.0	21.7	81.0	0.0	5.9	5.9	
30	17.5	27.6	20.9	83.0	0.0	5.7	5.7	
31								
Total :					37.8	106.6	203.2	
Promedio :	16.7	25.8	20.5	84.8				

Estación : PLANALTO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 1 ' N
Longitud : 75 ° 36 ' W
Altitud : 1425 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.9	20.8	81.0	0.0	0.0	.8	
2	17.4	27.4	21.6	72.7	0.0	0.0	0.0	
3	16.5	26.2	20.8	83.3	0.0	0.0	0.0	
4	16.5	29.0	22.1	73.3	0.0	2.1	2.1	
5	18.3	28.5	22.0	77.0	0.0	0.0	0.0	
6	16.4	29.5	23.1	69.7	0.0	0.0	0.0	
7	17.5	28.5	21.9	76.7	0.0	14.0	14.0	
8	16.2	25.2	21.2	84.7	0.0	0.0	0.0	
9	18.5	24.0	20.6	89.0	0.0	.1	.2	
10	16.7	26.4	21 7	77.3	0.0	.4	.4	
11	17.7	25.8	20.8	86.3	0.0	0.0	0.0	
12	17.2	26.1	22.1	78.7	0.0	0.0	0.0	
13	15.4	30.1	22.5	66.7	0.0	0.0	0.0	
14	16.5	26.0	21.5	80.7	0.0	0.0	0.0	
15	15.8	26.9	21.8	79.3	0.0	0.0	0.0	
16	17.1	26.7	21.6	79.0	.3	.1	.4	
17	18.0	28.5	22.6	74.3	0.0	0.0	0.0	
18	17.2	29.4	22.4	68.7	0.0	0.0	0.0	
19	16.2	30.5	23.5	69.3	0.0	0.0	0.0	
20	16.5	29.4	22.6	66.7	0.0	0.0	0.0	
21	15.5	28.3	22.2	69.0	0.0	0.0	0.0	
22	16.7	25.9	22.0	75.7	0.0	0.0	0.0	
23	15.7	31.2	23.4	64.7	0.0	0.0	0.0	
24	16.6	31.2	24.3	61.7	0.0	0.0	0.0	
25	18.5	27.4	22.4	74.3	0.0	0.0	0.0	
26	16.5	29.9	23.1	66.3	0.0	0.0	0.0	
27	17.0	25.2	21.7	83.7	0.0	0.0	0.0	
28	17.4	24.9	20.7	87.7	0.0	0.0	0.0	
29	16.7	26.6	21.9	78.0	0.0	0.0	0.0	
30	17.7	27.4	21.7	78.3	0.0	0.0	0.0	
31	16.3	29.7	22.9	65.0	0.0	35.4	35.4	
Total :					.3	52.1	53.3	
Promedio :	16.9	27.7	22.0	75.4				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	30.0	23.4	67.0	0.0	0.0	0.0	
2	17.9	28.3	22.2	72.0	0.0	0.0	0.0	
3	17.0	29.4	22.1	74.7	0.0	0.0	0.0	
4	16.0	30.2	22.6	66.7	0.0	0.0	0.0	
5	17.6	30.4	23.5	68.3	0.0	0.0	0.0	
6	19.0	30.2	23.4	66.7	0.0	0.0	0.0	
7	18.0	29.8	23.7	69.3	0.0	0.0	0.0	
8	16.2	30.2	23.6	62.3	0.0	0.0	0.0	
9	17.3	26.8	22.0	75.7	0.0	0.0	0.0	
10	17.0	27.9	21.2	76.3	0.0	0.0	0.0	
11	16.4	28.4	22 3	74.7	0.0	0.0	0.0	
12	17.8	28.6	22.8	72.7	0.0	0.0	0.0	
13	17.7	28.0	22.4	75.0	0.0	.7	.7	
14	18.0	27.5	22.2	80.0	0.0	0.0	.7	
15	17.0	30.0	23.1	65.3	0.0	0.0	0.0	
16	16.8	30.5	23.4	66.0	0.0	0.0	0.0	
17	18.0	29.6	23.6	65.7	0.0	0.0	0.0	
18	17.4	30.0	23.0	69.3	0.0	2.5	2.5	
19	17.6	26.5	21.3	80.7	0.0	0.0	0.0	
20	16.6	30.2	22.7	65.0	0.0	0.0	0.0	
21	15.0	31.3	22.7	54.7	0.0	0.0	0.0	
22	18.5	29.0	22.9	75.3	0.0	0.0	0.0	
23	16.7	29.1	22.9	75.0	0.0	0.0	0.0	
24	17.4	29.0	23.0	71.0	0.0	0.0	0.0	
25	16.3	31.4	24.2	65.3	0.0	0.0	0.0	
26	18.0	29.4	23.3	75.3	0.0	0.0	0.0	
27	18.1	28.2	23.1	68.0	0.0	0.0	0.0	
28	16.2	30.6	23.2	61.7	0.0	0.0	0.0	
29	15.5	30.2	23.9	58.0	0.0	0.0	0.0	
30	17.0	31.0	22.9	64.0	0.0	0.0	0.0	
31	17.0	30.5	23.4	68.7	0.0	0.0	0.0	
Total :					0.0	3.2	3.9	
Promedio :	17.1	29.4	22.9	69.4				

Estación : PLANALTO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 1 ' N
Longitud : 75 ° 36 ' W
Altitud : 1425 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.7	27.0	22.7	79.3	0.0	9.6	9.6	
2	17.5	26.0	21.5	78.7	0.0	0.0	0.0	
3	15.5	26.8	21.0	77.7	0.0	0.0	0.0	
4	16.3	29.8	23.3	65.3	0.0	0.0	0.0	
5	18.5	30.0	23.0	69.7	0.0	48.1	48.1	
6	16.5	26.6	21.2	79.3	0.0	0.0	0.0	
7	17.5	26.6	21.4	80.3	0.0	4.3	4.3	
8	16.8	24.4	20.3	84.0	0.0	21.8	21.8	
9	17.0	25.3	20.8	86.0	0.0	.9	.9	
10	16.8	27.6	21.0	81.0	0.0	0.0	0.0	
11	16.7	26.8	21.4	82.3	0.0	0.0	.3	
12	17.3	27.2	21.9	82.0	0.0	1.9	1.9	
13	17.6	27.4	21.6	81.3	0.0	0.0	0.0	
14	17.7	27.8	22.8	73.3	0.0	0.0	0.0	
15	16.7	29.0	22.4	71.3	0.0	0.0	0.0	
16	17.6	27.8	22.9	77.0	0.0	0.0	0.0	
17	17.6	27.7	22.4	78.3	0.0	0.0	0.0	
18	15.9	29.6	22.8	71.0	0.0	0.0	0.0	
19	17.8	28.4	23.2	78.0	0.0	.1	.1	
20	17.6	24.8	20.6	85.3	0.0	0.0	9.5	
21	17.3	26.8	22.0	77.3	0.0	26.7	26.7	
22	16.6	25.5	20.0	94.0	3.7	1.2	4.9	
23	17.3	24.8	20.5	82.0	0.0	24.8	24.8	
24	17.0	24.4	19.5	91.7	4.2	5.5	10.2	
25	16.0	28.2	21.6	76.7	.7	4.2	4.9	
26	17.0	25.4	20.4	82.3	.8	0.0	.8	
27	16.0	25.6	20.6	83.0	0.0	0.0	0.0	
28	16.0	26.5	21.2	80.7	0.0	0.0	0.0	
29	16.0	28.5	20.8	82.3	2.1	0.0	2.1	
30	15.1	29.4	22.2	71.0	0.0	0.0	0.0	
31								
Total :					11.5	149.1	170.9	
Promedio :	16.9	27.1	21.6	79.4				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	29.4	21.8	79.3	0.0	4.6	4.6	
2	17.2	28.0	21.2	81.3	16.1	1.9	18.0	
3	17.4	25.0	19.8	88.0	3.3	0.0	15.1	
4	15.7	27.6	22.5	77.7	0.0	29.9	29.9	
5	17.4	27.0	20.2	89.7	.1	0.0	.1	
6	16.6	27.4	21.4	73.3	0.0	0.0	0.0	
7	15.8	29.0	21.7	75.3	0.0	0.0	0.0	
8	16.8	25.6	21.0	84.3	0.0	0.0	0.0	
9	16.0	28.3	20.2	78.3	0.0	47.4	47.4	
10	16.6	27.5	21.2	82.7	0.0	65.6	65.6	
11	17.2	25.3	20.9	81.7	0.0	7.0	7.3	
12	16.9	28.0	22.0	80.3	0.0	35.9	35.9	
13	17.5	25.0	20.2	83.0	0.0	0.0	.8	
14	16.3	27.5	21.1	76.3	0.0	.5	.5	
15	17.0	26.2	21.7	79.3	0.0	0.0	0.0	
16	17.1	26.8	21.2	79.7	.1	25.6	25.7	
17	15.8	24.6	20.4	81.0	0.0	7.0	7.0	
18	17.0	26.8	20.0	82.3	.5	.9	1.4	
19	17.0	26.0	20.8	83.3	0.0	0.0	0.0	
20	17.4	29.0	21.2	81.0	.1	1.7	2.1	
21	17.5	27.0	21.8	84.7	0.0	44.8	44.8	
22	16.5	24.8	19.8	85.0	0.0	0.0	0.0	
23	16.0	28.9	21.6	78.7	0.0	0.0	0.0	
24	18.3	30.0	22.7	74.3	5.1	0.0	5.1	
25	17.0	29.0	22.0	76.7	0.0	0.0	0.0	
26	18.2	29.5	23.1	75.7	0.0	0.0	0.0	
27	18.4	29.3	21.1	80.3	0.0	4.5	4.5	
28	16.6	26.4	21.7	80.3	0.0	3.0	3.0	
29	18.2	27.2	21.6	84.0	0.0	0.0	0.0	
30	18.3	28.3	23.1	71.7	0.0	0.0	0.0	
31	18.0	27.2	20.8	81.3	.2	0.0	.2	
Total :					25.5	280.3	319.0	
Promedio :	17.0	27.3	21.3	80.3				

Estación : PLANALTO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 1 ' N
Longitud : 75 ° 36 ' W
Altitud : 1425 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	25.8	21.8	80.0	0.0	0.0	0.0	
2	17.4	30.0	23.1	73.0	0.0	11.9	11.9	
3	17.2	25.6	21.3	77.0	0.0	0.0	0.0	
4	17.5	26.6	21.2	81.3	.2	8.4	8.6	
5	17.1	28.5	21.2	80.0	.7	0.0	.7	
6	17.7	26.6	20.4	86.0	6.9	.3	7.2	
7	18.3	25.0	20.2	84.0	4.2	7.3	11.5	
8	17.5	24.0	19.5	88.0	2.5	3.1	5.8	
9	17.0	22.8	19.2	90.7	.4	3.0	3.4	
10	17.1	24.4	20.4	88.0	.1	8.0	8.3	
11	17.4	27.5	20.3	85.3	.6	33.0	33.6	
12	17.6	25.0	20.2	84.3	.7	2.0	5.6	
13	17.5	23.6	19.7	86.0	.1	9.2	9.3	
14	16.8	25.9	19.4	85.3	1.3	.3	2.3	
15	16.7	24.2	19.2	83.0	0.0	0.0	0.0	
16	15.4	26.6	20.9	78.0	0.0	.9	.9	
17	17.6	24.2	19.6	87.0	0.0	0.0	2.6	
18	16.5	29.0	21.4	79.0	0.0	8.5	8.5	
19	16.3	26.4	21.3	79.7	0.0	12.7	12.7	
20	16.7	23.2	19.8	88.7	0.0	0.0	0.0	
21	15.0	27.4	21.9	78.0	0.0	0.0	0.0	
22	16.0	27.7	22.4	75.7	0.0	0.0	0.0	
23	18.0	26.8	21.1	80.3	42.5	0.0	42.5	
24	17.0	26.5	21.8	78.7	0.0	.7	.7	
25	17.4	24.6	19.2	83.3	4.2	4.7	13.9	
26	17.0	23.6	19.0	90.7	5.3	.4	5.9	
27	16.6	28.2	20.9	81.7	0.0	0.0	0.0	
28	16.4	28.8	21.6	70.3	0.0	0.0	0.0	
29	16.4	28.8	21.6	78.3	0.0	.3	.3	
30	15.0	27.4	20.4	75.3	6.3	2.2	8.5	
31								
Total :					76.0	116.9	204.7	
Promedio :	16.9	26.2	20.7	81.9				

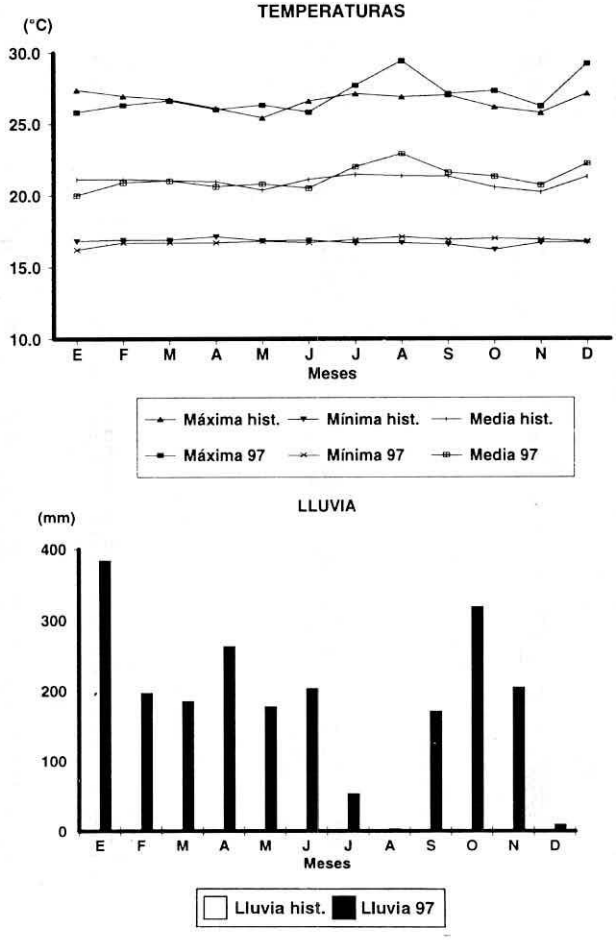
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.3	29.4	21.2	78.7	0.0	1	.1	
2	17.5	27.2	21.1	79.3	0.0	.7	.7	
3	18.4	27.5	21.3	82.3	0.0	0.0	0.0	
4	15.9	29.5	21.6	73.7	0.0	0.0	0.0	
5	16.5	30.0	22.0	70.7	0.0	0.0	0.0	
6	16.0	28.8	22.4	74.3	0.0	0.0	0.0	
7	17.2	29.9	22.9	73.3	0.0	0.0	0.0	
8	17.5	30.3	22.1	72.7	0.0	0.0	0.0	
9	16.5	29.7	22.4	72.0	0.0	0.0	0.0	
10	16.7	28.3	23.0	77.7	0.0	0.0	0.0	
11	18.2	29.5	22.7	79.3	0.0	0.0	0.0	
12	17.7	29.0	22.8	76.0	0.0	0.0	0.0	
13	17.4	28.5	22.0	76.3	.2	5.1	5.3	
14	16.4	28.4	21.4	82.0	0.0	0.0	0.0	
15	17.5	26.3	20.7	87.7	0.0	0.0	0.0	
16	15.6	28.0	21.6	74.7	0.0	.2	.2	
17	16.6	29.2	21.8	75.3	0.0	0.0	0.0	
18	16.5	28.7	21.7	76.0	0.0	0.0	0.0	
19	15.5	29.0	21.7	71.7	0.0	.3	.3	
20	17.0	29.3	21.8	71.3	0.0	0.0	0.0	
21	16.0	27.5	21.5	77.7	.4	0.0	.4	
22	17.5	29.0	22.5	72.3	0.0	0.0	0.0	
23	16.0	31.5	23.4	69.0	0.0	0.0	0.0	
24	16.5	30.0	23.4	65.7	0.0	0.0	0.0	
25	16.7	29.6	22.2	73.7	0.0	0.0	0.0	
26	17.1	30.7	23.3	72.7	0.0	0.0	0.0	
27	17.6	30.3	22.2	74.7	0.0	0.0	0.0	
28	16.5	30.4	22.8	75.3	0.0	0.0	0.0	
29	17.0	31.3	21.8	77.3	3.0	0.0	3.0	
30	16.8	30.8	23.1	71.0	0.0	0.0	0.0	
31	15.5	29.0	22.6	72.3	0.0	0.0	0.0	
Total :					3.6	6.4	10.0	
Promedio :	16.8	29.2	22.2	75.1				

Estación : PLANALTO
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 1 'N
Longitud : 75 ° 36 'W
Altitud : 1425 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.2	25.8	20.0	27.8	15.1	83.3	383.7	26	
Febrero	16.7	26.3	20.9	29.2	14.4	83.0	196.8	18	
Marzo	16.7	26.6	21.0	29.8	14.4	79.6	185.1	20	
Abril	16.7	26.0	20.6	29.0	15.2	83.1	263.1	20	
Mayo	16.8	26.3	20.8	29.0	15.0	84.7	177.8	18	
Junio	16.7	25.8	20.5	28.5	15.0	84.8	203.2	24	
Julio	16.9	27.7	22.0	31.2	15.4	75.4	53.3	7	
Agosto	17.1	29.4	22.9	31.4	15.0	69.4	3.9	3	
Septiembre	16.9	27.1	21.6	30.0	15.1	79.4	170.9	16	
Octubre	17.0	27.3	21.3	30.0	15.7	80.3	319.0	20	
Noviembre	16.9	26.2	20.7	30.0	15.0	81.9	204.7	22	
Diciembre	16.8	29.2	22.2	31.5	15.5	75.1	10.0	7	
Promedio :	16.8	27.0	21.2			80.0			
Absoluta :				31.5	14.4				
Total :							2171.5	201	



Estación : CENICAFE
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 5 ° 0 ' N
Longitud : 75 ° 36 ' W
Altitud : 1310 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	21.9	18.4	95.7	16.1	.3	16.4	.1
2	16.5	25.8	20.3	82.7	0.0	4.0	4.0	1.7
3	17.6	26.8	20.5	80.0	.1	2.6	2.7	3.9
4	16.9	28.3	21.3	78.3	0.0	0.0	0.0	6.5
5	16.1	28.6	21.0	76.3	0.0	0.0	0.0	7.3
6	16.6	27.6	22.0	73.3	.2	17.8	18.0	4.7
7	18.0	23.1	19.4	86.3	11.3	0.0	11.3	.3
8	16.4	28.7	21.6	74.3	0.0	8.3	8.3	9.3
9	17.8	27.0	20.9	82.0	.6	15.3	15.9	3.2
10	16.5	25.3	18.9	84.0	5.0	3.6	8.6	1.4
11	16.0	26.2	20.2	85.7	1.1	1.2	2.3	3.2
12	16.5	27.3	20.7	80.0	0.0	36.8	36.8	6.7
13	16.4	27.9	20.9	79.0	0.0	1.1	1.1	9.0
14	16.9	27.9	21.4	71.3	0.0	0.0	0.0	5.7
15	16.6	28.6	20.3	78.3	7.9	.8	8.7	6.2
16	17.4	27.4	20.6	82.0	.4	49.8	50.2	4.5
17	17.2	25.8	19.9	85.7	.7	7.9	8.6	1.8
18	17.5	27.2	21.0	81.7	0.0	6.5	6.5	5.3
19	15.9	27.4	21.5	70.0	0.0	0.0	0.0	7.9
20	17.9	25.6	20.3	80.7	.2	0.0	.2	1.0
21	17.2	26.6	19.4	82.3	2.0	.1	2.1	2.1
22	15.5	27.8	20.4	78.7	.3	3.5	3.8	5.9
23	16.9	27.7	19.4	83.3	6.4	20.0	26.4	4.6
24	16.1	27.8	20.6	79.0	0.0	4.4	4.4	7.9
25	16.3	26.6	20.5	86.0	0.0	62.4	62.4	3.7
26	16.4	26.8	19.8	85.3	15.1	4.3	19.4	3.0
27	16.0	27.0	21.2	76.0	0.0	0.0	0.0	6.8
28	16.8	28.2	21.7	71.0	0.0	1.9	1.9	7.0
29	17.2	28.2	21.6	76.3	0.0	.7	.7	5.4
30	16.7	28.8	21.6	73.3	0.0	16.7	16.7	6.9
31	16.6	27.2	21.5	75.0	0.0	55.8	55.8	5.6
Total :					67.4	325.8	393.2	148.6
Promedio :	16.8	27.0	20.6	79.8				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	25.5	20.0	82.3	.1	20.7	20.8	3.6
2	17.0	28.0	21.2	79.3	0.0	.1	.1	7.8
3	17.1	28.5	20.8	80.0	0.0	0.0	0.0	5.4
4	15.0	26.7	19.0	82.0	.5	5.4	5.9	4.2
5	15.7	26.6	20.6	73.3	0.0	3.3	3.3	5.9
6	15.4	27.4	20.3	76.7	0.0	7.8	7.8	5.7
7	16.6	26.4	20.6	81.0	0.0	0.0	0.0	2.9
8	17.5	25.8	20.9	76.7	0.0	0.0	0.0	1.2
9	17.0	26.8	21.2	80.3	.3	2.0	2.3	2.1
10	16.3	25.0	19.9	83.7	0.0	0.0	0.0	2.6
11	16.9	25.1	20.4	82.3	.6	11.2	11.8	2.1
12	17.3	25.7	20.8	82.7	0.0	4.5	4.5	1.0
13	16.2	27.8	21.4	76.7	0.0	0.0	0.0	5.6
14	15.9	30.5	22.7	73.7	0.0	3.5	3.5	8.5
15	18.5	29.0	22.1	79.7	.2	3.4	3.6	4.0
16	17.0	26.3	20.5	84.0	15.9	0.0	15.9	1.0
17	17.5	26.2	21.0	82.3	0.0	8.9	8.9	2.9
18	17.1	28.6	21.3	80.7	0.0	0.0	0.0	6.6
19	18.2	29.5	22.6	72.3	0.0	20.1	20.1	5.6
20	18.7	27.4	21.5	79.3	1.3	41.2	42.5	2.4
21	17.8	30.4	23.4	76.0	.2	0.0	.2	8.6
22	18.8	29.8	23.1	74.7	0.0	16.8	16.8	5.9
23	17.8	27.2	21.5	77.7	0.0	0.0	0.0	2.0
24	18.3	27.5	21.7	79.7	5.4	.3	5.7	2.9
25	18.4	25.0	21.0	84.3	0.0	0.0	0.0	0.0
26	18.0	29.0	22.9	74.0	0.0	17.8	17.8	6.5
27	18.3	30.8	23.0	75.3	0.0	0.0	0.0	7.1
28	18.0	29.0	22.8	75.0	0.0	0.0	0.0	1.8
29								
30								
31								
Total :					24.5	167.0	191.5	115.9
Promedio :	17.2	27.6	21.4	78.8				

Estación : CENICAFE **Dpto. : CALDAS** **Latitud : 5 ° 0 ' N**
Año : 1997 **Mpio. : CHINCHINA** **Longitud : 75 ° 36 ' W**
Altitud : 1310 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	25.8	21.1	83.7	.2	.8	1.0	.4
2	18.0	28.6	22.7	77.0	.2	.2	.4	5.8
3	18.4	29.8	21.9	79.3	6.6	.3	6.9	5.8
4	18.2	30.2	23.0	73.7	0.0	1.3	1.3	7.5
5	18.2	22.5	19.4	88.3	.7	0.0	.7	0.0
6	15.1	29.2	21.6	72.7	0.0	0.0	0.0	8.2
7	17.2	30.7	23.0	62.0	0.0	0.0	0.0	6.7
8	18.1	28.6	22.6	65.0	0.0	0.0	0.0	4.6
9	17.2	28.8	23.2	69.3	0.0	25.3	25.3	6.3
10	17.6	28.5	22.9	74.3	0.0	4.7	4.7	4.2
11	18.3	30.3	23.2	76.0	0.0	17.1	17.1	7.7
12	17.8	28.2	22.6	76.0	.1	22.0	22.1	3.4
13	16.8	23.0	19.2	91.0	3.1	.2	3.3	.3
14	16.9	29.4	22.8	71.7	0.0	0.0	0.0	9.2
15	18.1	31.4	23.6	67.7	0.0	0.0	0.0	8.2
16	18.4	27.2	20.9	79.7	14.9	29.2	44.1	1.3
17	18.0	22.5	19.7	91.0	3.2	4.7	7.9	0.0
18	17.4	26.2	19.5	88.0	18.1	.4	18.5	1.6
19	17.3	25.0	18.4	91.7	19.6	0.0	19.6	1.5
20	16.0	25.4	20.6	80.7	0.0	2.4	2.4	1.7
21	17.1	25.6	18.9	89.0	2.5	0.0	2.5	3.3
22	16.4	30.0	22.0	66.0	0.0	0.0	0.0	9.0
23	17.4	29.1	20.9	74.7	.5	0.0	.5	5.0
24	16.1	30.2	22.1	69.0	0.0	0.0	0.0	9.4
25	16.4	30.0	22.9	65.3	0.0	0.0	0.0	9.7
26	17.8	27.2	21.6	76.0	0.0	.7	.7	2.7
27	17.8	29.6	22.8	70.0	0.0	0.0	0.0	5.4
28	18.0	29.4	21.8	71.3	0.0	0.0	0.0	5.0
29	18.2	29.2	22.4	71.7	0.0	.3	.3	5.7
30	17.4	27.8	21.2	79.7	1.0	.2	1.2	3.6
31	16.9	28.9	20.8	74.7	8.4	0.0	8.4	4.6
Total					79.1	109.8	188.9	147.8
Promedio :	17.4	28.0	21.6	76.3				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	26.3	20.2	82.0	5.7	1.6	7.3	1.9
2	17.5	30.3	22.8	73.3	0.0	7.9	7.9	7.9
3	17.6	29.6	22.8	69.7	.2	101.7	101.9	7.0
4	17.2	25.6	20.9	83.0	.4	0.0	.4	1.8
5	17.2	28.8	22.7	74.3	0.0	0.0	0.0	6.3
6	17.1	30.1	20.6	78.7	14.5	.7	15.2	4.8
7	16.6	26.9	20.9	81.0	0.0	0.0	0.0	1.4
8	17.8	26.4	21.6	76.7	0.0	0.0	0.0	1.1
9	16.8	28.9	22.7	75.7	0.0	4.1	4.1	5.3
10	18.4	27.2	21.8	84.3	0.0	.7	.7	.8
11	18.6	26.1	22.0	84.0	0.0	0.0	0.0	1.3
12	18.2	31.4	22.7	77.3	0.0	0.0	0.0	6.5
13	18.8	26.6	21.4	80.0	0.0	0.0	0.0	2.2
14	16.6	27.8	22.4	77.0	0.0	0.0	0.0	2.5
15	18.1	29.2	21.4	80.0	.7	0.0	.7	3.8
16	16.2	29.5	22.6	72.0	0.0	45.7	45.7	6.8
17	17.4	25.5	21.1	83.7	0.0	2.1	2.1	2.0
18	17.4	26.5	20.8	84.3	.4	1.0	1.4	.6
19	18.2	27.8	21.8	83.7	0.0	23.1	23.1	3.8
20	17.2	23.6	19.2	94.3	4.1	7.0	11.1	1.3
21	16.9	25.3	20.3	85.0	0.0	.3	.3	1.1
22	17.6	23.7	20.0	89.3	21.3	1.7	23.0	.2
23	16.9	25.1	20.2	81.0	0.0	2.2	2.2	1.4
24	16.6	27.9	21.0	79.3	0.0	0.0	0.0	4.0
25	17.6	24.8	18.8	89.7	5.7	0.0	5.7	.6
26	16.0	28.4	21.0	79.0	0.0	6.2	6.2	4.2
27	17.7	26.4	21.3	82.3	0.0	1.8	1.8	3.4
28	16.6	28.2	21.4	80.7	0.0	0.0	0.0	5.5
29	17.0	30.0	22.3	70.3	0.0	0.0	0.0	9.1
30	18.0	27.5	20.9	79.0	.2	0.0	.2	1.2
31								
Total					53.2	207.8	261.0	99.8
Promedio :	17.3	27.4	21.3	80.4				

Estación : CENICAFE
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 5 ° 0 ' N
Longitud : 75 ° 36 ' W
Altitud : 1310 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.7	28.9	21.9	72.7	0.0	0.0	0.0	5.7
2	17.2	28.2	22.2	77.7	0.0	7.2	7.2	1.1
3	18.2	29.1	22.8	79.3	3.0	7.2	10.2	5.4
4	17.8	27.5	22.0	80.3	0.0	0.0	0.0	1.8
5	16.6	29.2	21.7	70.3	0.0	.2	.2	5.8
6	17.9	28.0	21.6	78.3	.7	0.0	.7	2.6
7	17.6	27.2	21.3	78.7	0.0	0.0	0.0	2.6
8	15.7	29.2	22.2	77.0	0.0	0.0	0.0	6.2
9	17.6	27.0	19.8	91.7	12.0	25.7	37.7	2.8
10	17.4	26.3	20.9	85.7	.4	28.1	28.5	2.8
11	16.8	25.2	19.4	89.7	.5	0.0	.5	1.9
12	15.8	27.0	20.4	82.0	0.0	8.2	8.2	4.8
13	16.8	27.0	19.4	87.3	4.3	0.0	4.3	2.1
14	16.8	25.8	19.5	92.7	10.8	.7	11.5	2.5
15	16.2	26.5	21.0	85.3	0.0	0.0	0.0	4.8
16	16.1	28.2	21.3	76.7	0.0	0.0	0.0	5.2
17	17.0	28.4	22.1	78.7	0.0	0.0	0.0	5.6
18	18.4	30.1	23.4	72.7	0.0	1.7	1.7	6.7
19	18.2	26.5	22.2	79.0	0.0	0.0	0.0	1.9
20	18.0	29.4	22.9	77.7	0.0	0.0	0.0	4.1
21	18.2	28.0	22.1	78.0	0.0	62.1	62.1	4.2
22	17.0	27.3	20.4	83.7	0.0	0.0	0.0	3.2
23	16.0	30.0	22.8	74.0	0.0	0.0	0.0	9.1
24	19.0	28.3	22.2	85.7	0.0	0.0	0.0	3.3
25	17.6	28.1	19.6	96.3	13.3	.8	14.1	.9
26	17.0	23.8	19.6	93.0	6.8	3.0	9.8	1.1
27	17.0	28.8	21.6	83.0	0.0	0.0	0.0	3.2
28	18.7	27.5	21.3	83.0	2.1	.3	2.4	1.6
29	17.9	25.6	21.2	84.3	.2	.3	.5	2.4
30	18.0	24.5	20.6	95.0	2.8	0.0	2.8	1.3
31	17.6	27.6	21.1	87.0	0.0	1.4	1.4	2.8
Total :					56.9	146.9	203.8	109.5
Promedio :	17.3	27.6	21.3	82.5				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	27.8	22.0	82.7	.4	0.0	.4	2.0
2	17.6	28.6	21.0	83.3	2.3	0.0	2.3	2.7
3	17.5	30.8	21.6	76.0	0.0	13.4	13.4	6.5
4	17.2	22.4	18.5	95.0	15.9	0.0	15.9	0.0
5	16.6	27.2	20.5	78.7	6.7	0.0	6.7	5.5
6	18.2	26.9	21.5	78.3	.1	.3	.4	2.4
7	18.4	24.6	19.4	93.7	3.0	5.6	8.6	.4
8	17.0	24.0	19.9	85.3	.2	0.0	.2	.5
9	16.2	27.0	20.6	77.7	.8	0.0	.8	1.1
10	16.3	25.0	20.4	83.7	9.9	0.0	9.9	4.6
11	18.4	27.7	21.7	82.3	0.0	38.2	38.2	2.7
12	17.2	27.0	21.0	81.7	.3	7.9	8.2	6.0
13	17.0	25.0	20.0	87.7	18.9	15.8	34.7	1.7
14	17.3	29.0	21.7	80.3	0.0	0.0	0.0	5.6
15	17.3	28.5	22.5	74.7	0.0	.4	.4	7.0
16	17.6	29.5	21.6	81.7	3.3	.1	3.4	5.1
17	18.0	27.0	21.4	81.7	.3	.9	1.2	2.0
18	17.7	27.8	20.9	85.0	0.0	18.4	18.4	2.9
19	17.6	25.6	20.0	88.0	.3	0.0	.3	2.1
20	17.5	28.8	21.9	73.7	0.0	0.0	0.0	6.7
21	17.4	29.0	22.0	72.3	0.0	0.0	0.0	6.0
22	17.5	30.0	23.6	69.3	0.0	0.0	0.0	9.2
23	18.5	29.4	22.6	76.7	0.0	0.0	0.0	4.8
24	18.0	26.8	21.5	79.0	0.0	1.9	1.9	0.0
25	18.0	26.7	20.4	84.7	4.6	19.7	24.3	2.2
26	17.8	24.8	19.3	85.7	.2	7.9	8.1	.6
27	17.1	26.2	20.8	80.0	0.0	0.0	0.0	4.5
28	15.4	30.2	21.3	79.7	.4	2.6	3.0	7.3
29	17.3	28.5	22.3	73.7	0.0	5.3	5.3	9.0
30	17.8	29.2	21.2	78.7	0.0	6.0	6.0	7.2
31								
Total :					67.6	144.4	212.0	118.3
Promedio :	17.5	27.4	21.1	81.0				

Estación : CENICAFE
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 5 ° 0 ' N
Longitud : 75 ° 36 ' W
Altitud : 1310 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.4	28.0	21.0	80.7	0.0	0.0	0.0	4.4
2	17.2	28.5	22.0	68.7	0.0	0.0	0.0	7.5
3	16.8	27.4	20.4	82.0	0.0	0.0	0.0	3.2
4	16.8	29.6	22.2	74.7	0.0	1.9	1.9	6.1
5	17.6	29.6	23.2	75.3	0.0	0.0	0.0	2.5
6	17.0	31.0	23.4	67.3	0.0	0.0	0.0	8.8
7	17.8	29.8	22.2	76.3	0.0	27.7	27.7	7.1
8	16.7	25.4	21.1	84.0	0.0	.2	.2	2.7
9	18.3	24.9	20.5	85.0	.7	.1	.8	1.6
10	16.9	28.0	21.5	77.7	0.0	.6	.6	5.4
11	17.8	26.2	21.1	85.7	.4	0.0	.4	1.1
12	18.0	27.0	21.9	78.7	0.0	0.0	0.0	4.0
13	16.0	31.7	23.1	67.0	0.0	0.0	0.0	9.5
14	17.2	27.0	22.0	76.7	0.0	0.0	0.0	2.4
15	16.7	28.1	22.0	77.0	0.0	0.0	0.0	4.8
16	18.2	28.4	22.0	76.7	.2	.1	.3	4.8
17	18.4	29.4	23.0	73.3	0.0	0.0	0.0	5.8
18	18.0	30.8	23.0	66.0	0.0	0.0	0.0	8.9
19	16.9	32.0	22.2	59.7	0.0	0.0	0.0	9.6
20	16.6	29.4	22.8	65.0	0.0	0.0	0.0	7.0
21	16.7	30.3	23.1	68.3	0.0	0.0	0.0	6.6
22	17.8	27.6	21.8	76.0	0.0	0.0	0.0	1.5
23	16.4	33.1	24.0	65.0	0.0	0.0	0.0	10.0
24	17.5	33.0	25.1	61.7	0.0	0.0	0.0	9.3
25	18.8	28.6	22.6	68.3	0.0	0.0	0.0	.8
26	17.0	32.0	23.4	66.7	0.0	0.0	0.0	8.2
27	18.2	26.8	22.3	76.7	0.0	0.0	0.0	0.0
28	18.3	25.6	21.1	79.3	0.0	0.0	0.0	.7
29	17.3	28.0	22.3	74.0	0.0	0.0	0.0	4.6
30	18.2	28.5	22.5	71.7	0.0	0.0	0.0	3.6
31	17.4	31.0	23.4	66.3	0.0	36.8	36.8	8.5
Total :					1.3	67.4	68.7	161.0
Promedio :	17.4	28.9	22.3	73.3				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	31.8	23.9	67.3	0.0	0.0	0.0	8.2
2	17.8	29.3	22.3	70.7	0.0	0.0	0.0	2.8
3	17.4	30.2	22.1	69.7	0.0	0.0	0.0	4.2
4	16.6	31.3	22.9	64.3	0.0	0.0	0.0	6.0
5	18.0	31.5	23.2	62.7	0.0	0.0	0.0	8.0
6	19.2	32.0	23.9	62.0	0.0	0.0	0.0	5.6
7	19.0	30.9	24.1	66.3	0.0	0.0	0.0	5.4
8	17.2	31.0	23.4	61.7	0.0	0.0	0.0	7.1
9	17.6	28.6	22.1	72.3	0.0	0.0	0.0	1.1
10	17.0	28.3	21.0	75.7	0.0	0.0	0.0	3.8
11	17.0	30.0	23.1	68.3	0.0	0.0	0.0	3.1
12	18.8	29.6	23.5	70.7	0.0	1.1	1.1	4.6
13	17.6	28.9	23.0	71.3	0.0	.9	.9	3.9
14	18.4	28.2	22.4	81.7	1.2	0.0	1.2	3.6
15	17.3	31.8	24.4	61.3	0.0	0.0	0.0	8.1
16	17.5	31.3	24.2	64.7	0.0	.2	.2	7.7
17	18.3	30.5	24.4	64.0	0.0	0.0	0.0	7.4
18	18.3	31.1	23.1	67.0	0.0	2.0	2.0	6.7
19	17.8	27.2	21.2	78.3	0.0	0.0	0.0	2.3
20	16.3	31.7	22.8	64.0	0.0	0.0	0.0	9.4
21	15.6	33.1	23.5	57.0	0.0	0.0	0.0	8.6
22	18.5	29.9	23.0	72.3	0.0	0.0	0.0	2.7
23	17.6	29.8	22.9	75.3	0.0	0.0	0.0	5.4
24	17.3	30.3	22.8	71.0	0.0	0.0	0.0	4.5
25	17.5	33.2	25.0	66.0	0.0	0.0	0.0	7.4
26	18.2	31.4	24.0	73.0	0.0	0.0	0.0	4.3
27	19.1	29.6	23.6	67.7	0.0	0.0	0.0	2.1
28	17.2	32.4	23.7	60.3	0.0	0.0	0.0	7.6
29	17.0	31.9	24.1	58.3	0.0	0.0	0.0	8.9
30	17.0	31.3	23.5	62.3	0.0	0.0	0.0	8.0
31	17.0	32.4	23.6	66.3	0.0	0.0	0.0	7.9
Total :					1.2	4.2	5.4	176.4
Promedio :	17.6	30.7	23.2	67.5				

Estación : CENICAFE
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 5 ° 0 ' N
Longitud : 75 ° 36 ' W
Altitud : 1310 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.7	29.2	23.6	73.7	0.0	11.7	11.7	1.8
2	18.2	28.5	22.2	74.3	.1	0.0	.1	4.2
3	16.0	27.3	21.4	74.7	0.0	0.0	0.0	4.1
4	17.0	31.8	23.7	60.0	0.0	0.0	0.0	7.3
5	18.4	31.2	23.9	64.7	0.0	40.6	40.6	5.7
6	17.0	28.5	21.7	72.0	0.0	0.0	0.0	4.7
7	17.8	27.8	22.0	77.0	0.0	6.3	6.3	2.9
8	17.4	25.8	21.0	79.0	0.0	37.1	37.1	2.3
9	17.4	25.8	21.1	81.7	0.0	.9	.9	.8
10	17.2	29.4	21.4	76.3	0.0	0.0	0.0	1.9
11	17.8	27.5	21.4	85.3	4.7	0.0	4.7	3.3
12	18.2	28.6	22.4	77.3	0.0	1.4	1.4	3.2
13	18.0	28.2	22.0	77.7	0.0	0.0	0.0	3.2
14	18.8	28.5	23.2	68.7	0.0	0.0	0.0	3.0
15	17.0	30.0	23.0	69.3	0.0	0.0	0.0	4.8
16	18.4	30.1	23.6	69.7	0.0	0.0	0.0	4.5
17	18.2	28.5	22.9	73.7	0.0	0.0	0.0	3.8
18	16.8	30.4	23.2	66.0	0.0	0.0	0.0	7.1
19	18.4	30.0	23.4	72.7	0.0	0.0	0.0	4.2
20	18.2	25.8	21.4	82.0	8.6	0.0	8.6	.7
21	17.2	28.0	22.4	74.3	0.0	35.2	35.2	4.3
22	17.4	26.0	20.5	82.0	3.0	1.5	4.5	2.4
23	17.9	25.6	21.0	78.7	0.0	25.0	25.0	.7
24	17.2	25.0	19.9	90.0	9.5	6.2	15.7	1.1
25	16.8	28.5	21.2	74.7	1.0	3.6	4.6	5.3
26	17.2	26.8	20.8	79.3	.6	0.0	.6	1.8
27	17.0	26.0	21.2	77.3	0.0	0.0	0.0	3.1
28	16.8	27.1	21.2	76.7	0.0	0.0	0.0	1.7
29	16.2	29.8	21.1	77.3	5.9	0.0	5.9	6.7
30	15.7	30.8	22.1	69.7	0.0	0.0	0.0	6.6
31								
Total :					33.4	169.5	202.9	107.2
Promedio :	17.5	28.2	22.0	75.2				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	28.8	21.8	74.3	0.0	13.5	13.5	6.1
2	17.6	28.6	21.1	80.0	15.1	1.4	16.5	2.7
3	17.8	24.8	20.0	88.0	14.3	0.0	14.3	.5
4	16.3	28.8	22.2	75.3	0.0	20.3	20.3	5.1
5	17.5	28.2	20.7	84.7	.1	0.0	.1	3.5
6	17.0	28.0	21.8	70.7	0.0	0.0	0.0	3.3
7	16.5	29.8	22.2	70.7	0.0	0.0	0.0	5.8
8	17.5	25.9	21.6	79.7	0.0	0.0	0.0	1.7
9	16.5	29.0	21.2	72.0	0.0	41.5	41.5	5.4
10	16.8	28.2	21.3	80.0	0.0	54.3	54.3	5.4
11	17.2	26.0	21.2	77.3	.1	8.6	8.7	1.5
12	17.2	28.6	21.9	79.3	0.0	32.8	32.8	6.0
13	17.6	26.8	20.6	80.7	0.0	0.0	0.0	3.8
14	16.6	28.5	21.6	69.7	0.0	1.9	1.9	7.0
15	17.4	27.0	21.5	77.3	0.0	0.0	0.0	4.3
16	17.6	27.6	22.2	71.3	.1	26.0	26.1	2.3
17	16.2	26.8	20.8	77.7	0.0	6.4	6.4	6.1
18	17.2	27.4	20.2	80.3	.6	1.0	1.6	5.6
19	17.4	27.8	21.3	80.3	0.0	0.0	0.0	5.9
20	18.0	29.0	21.6	78.3	.4	2.5	2.9	5.8
21	17.0	28.2	21.4	81.0	0.0	53.3	53.3	5.3
22	15.5	25.0	20.5	84.3	0.0	0.0	0.0	2.3
23	16.0	30.6	22.1	76.0	0.0	0.0	0.0	8.6
24	18.5	31.2	23.4	75.0	0.0	0.0	0.0	8.1
25	17.0	29.4	22.5	77.3	0.0	0.0	0.0	5.3
26	18.5	30.4	23.4	77.3	0.0	0.0	0.0	9.0
27	18.0	29.6	21.6	79.7	4.5	0.0	4.5	5.5
28	17.6	27.8	22.4	80.0	.2	9.7	9.9	2.5
29	18.7	28.1	22.2	83.3	.2	0.0	.2	3.4
30	18.9	30.6	23.5	69.7	0.0	0.0	0.0	7.4
31	18.7	27.5	21.1	81.0	.3	0.0	.3	5.0
Total :					35.9	273.2	309.1	150.2
Promedio :	17.3	28.2	21.6	77.8				

Estación : CENICAFE **Dpto. : CALDAS** **Latitud : 5 ° 0 ' N**
Año : 1997 **Mpio. : CHINCHINA** **Longitud : 75 ° 36 ' W**
Altitud : 1310 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	27.2	21.7	79.0	0.0	0.0	0.0	3.4
2	18.2	30.7	23.0	69.3	0.0	8.0	8.0	6.8
3	17.8	26.5	21.9	76.0	0.0	0.0	0.0	.3
4	18.0	27.8	21.3	78.3	.2	7.2	7.4	3.9
5	18.0	28.5	21.6	76.0	.7	0.0	.7	6.0
6	18.5	27.6	20.8	82.7	6.8	.4	7.2	1.9
7	18.6	25.6	20.3	84.0	5.1	10.0	15.1	1.1
8	18.0	24.6	19.8	86.0	2.8	2.0	4.8	.6
9	17.6	23.0	19.6	86.3	.7	3.3	4.0	.2
10	17.5	25.4	20.9	85.0	.5	9.1	9.6	1.9
11	17.8	28.2	21.0	79.3	.2	35.1	35.3	5.4
12	18.0	26.5	20.2	82.0	2.9	3.8	6.7	2.6
13	17.6	24.6	20.4	82.0	.2	10.7	10.9	2.4
14	17.4	27.8	20.2	80.3	2.0	.8	2.8	3.6
15	17.4	25.7	19.8	80.3	.4	0.0	.4	4.0
16	15.9	27.2	21.0	75.7	0.0	1.8	1.8	5.6
17	17.8	25.4	20.2	84.0	18.1	0.0	18.1	2.0
18	17.4	28.0	21.4	76.3	0.0	2.2	2.2	3.8
19	17.0	28.8	21.5	78.7	0.0	26.5	26.5	4.2
20	17.4	24.6	20.0	84.7	.4	0.0	.4	2.2
21	16.2	29.2	22.0	74.7	0.0	0.0	0.0	6.9
22	17.2	28.7	22.5	74.0	0.0	0.0	0.0	6.7
23	18.4	28.2	21.4	77.3	29.3	0.0	29.3	3.5
24	17.0	27.2	21.3	78.7	0.0	.3	.3	4.8
25	17.6	24.0	19.4	88.0	6.0	3.5	9.5	1.1
26	17.0	24.0	19.4	89.0	7.1	.4	7.5	.9
27	17.1	28.0	21.0	81.7	0.0	0.0	0.0	6.5
28	16.0	29.7	21.4	74.3	0.0	0.0	0.0	8.1
29	16.6	28.8	21.6	78.7	0.0	0.0	0.0	5.8
30	14.7	28.3	20.1	81.0	4.3	2.8	7.1	6.2
31								
Total :					87.7	127.9	215.6	112.4
Promedio :	17.4	27.0	20.9	80.1				

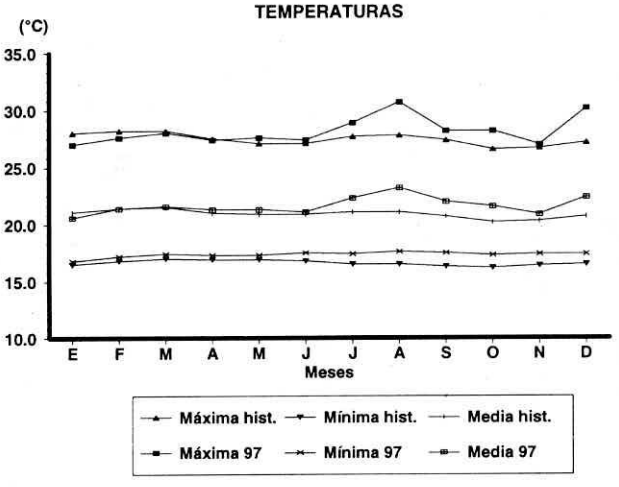
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.7	30.1	21.5	79.0	0.0	3.9	3.9	7.0
2	17.8	28.6	20.8	77.7	0.0	.5	.5	5.0
3	19.2	28.8	21.6	81.0	0.0	0.0	0.0	5.7
4	16.2	30.1	21.7	69.0	0.0	0.0	0.0	9.1
5	16.8	30.0	21.9	70.0	0.0	0.0	0.0	8.9
6	17.5	30.1	22.5	73.0	0.0	0.0	0.0	8.2
7	18.1	30.7	22.9	72.3	0.0	0.0	0.0	7.5
8	17.9	30.6	22.8	69.7	0.0	0.0	0.0	6.9
9	17.1	29.6	22.3	69.7	0.0	0.0	0.0	9.1
10	17.9	29.3	23.0	75.0	0.0	0.0	0.0	6.7
11	18.8	30.1	23.5	74.0	0.0	0.0	0.0	6.7
12	18.6	29.4	23.0	73.3	0.0	0.0	0.0	6.9
13	18.0	30.4	22.5	71.7	.2	5.1	5.3	6.4
14	17.2	29.3	22.2	76.3	.3	4.4	4.7	5.2
15	17.9	27.4	20.8	82.0	0.0	0.0	0.0	1.5
16	16.6	30.0	22.0	71.7	0.0	0.0	0.0	6.7
17	17.4	30.4	22.6	71.0	0.0	0.0	0.0	8.8
18	17.5	29.2	22.1	71.3	0.0	0.0	0.0	6.9
19	16.5	31.0	22.2	65.0	0.0	1.5	1.5	9.0
20	17.2	30.0	22.0	68.0	0.0	0.0	0.0	8.2
21	17.4	28.6	21.6	74.3	.5	0.0	.5	4.8
22	17.4	29.3	22.8	69.3	0.0	0.0	0.0	6.2
23	16.0	32.0	23.0	69.3	0.0	0.0	0.0	8.7
24	17.4	31.7	23.4	65.0	0.0	0.0	0.0	6.7
25	17.2	31.0	22.5	71.3	0.0	0.0	0.0	7.6
26	17.5	31.5	24.0	68.7	0.0	0.0	0.0	8.1
27	18.4	31.5	23.4	71.3	0.0	0.0	0.0	8.9
28	17.2	31.7	23.6	66.7	0.0	0.0	0.0	10.1
29	17.7	31.6	22.2	73.0	.8	0.0	.8	8.2
30	17.3	31.8	22.8	71.0	0.0	0.0	0.0	6.8
31	16.4	29.3	22.3	71.3	0.0	0.0	0.0	6.2
Total :					1.8	15.4	17.2	222.7
Promedio :	17.4	30.2	22.4	72.0				

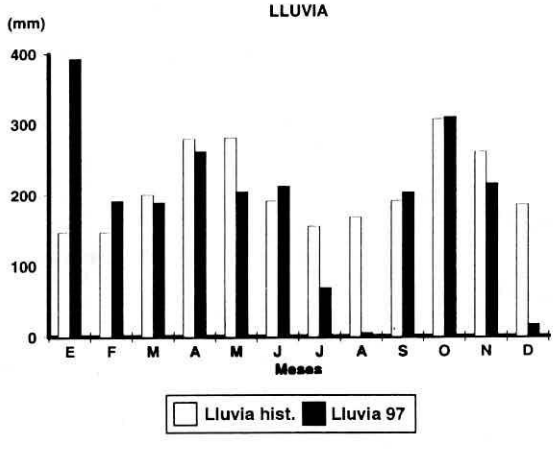
Estación : CENICAFE
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 5 ° 0 'N
Longitud : 75 ° 36 'W
Altitud : 1310 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.8	27.0	20.6	28.8	15.5	79.8	393.2	26	148.6
Febrero	17.2	27.6	21.4	30.8	15.0	78.8	191.5	18	115.9
Marzo	17.4	28.0	21.6	31.4	15.1	76.3	188.9	21	147.8
Abril	17.3	27.4	21.3	31.4	16.0	80.4	261.0	20	99.8
Mayo	17.3	27.6	21.3	30.1	15.7	82.5	203.8	18	109.5
Junio	17.5	27.4	21.1	30.8	15.4	81.0	212.0	24	118.3
Julio	17.4	28.9	22.3	33.1	15.4	73.3	68.7	8	161.0
Agosto	17.6	30.7	23.2	33.2	15.6	67.5	5.4	5	176.4
Septiembre	17.5	28.2	22.0	31.8	15.7	75.2	202.9	16	107.2
Octubre	17.3	28.2	21.6	31.2	15.5	77.8	309.1	19	150.2
Noviembre	17.4	27.0	20.9	30.7	14.7	80.1	215.6	23	112.4
Diciembre	17.4	30.2	22.4	32.0	15.7	72.0	17.2	7	222.7
Promedio :	17.3	28.2	21.6			77.1			
Absoluta :				33.2	14.7				
Total :							2269.3	205	1669.8





Estación : NARANJAL
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 59 ' N
Longitud : 75 ° 39 ' W
Altitud : 1400 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	21.7	19.0	96.3	4.0	.1	4.1	.1
2	16.8	25.3	19.9	84.0	3.5	1.5	5.0	2.4
3	17.5	25.5	20.2	82.3	0.0	0.0	0.0	4.2
4	17.4	26.2	20.4	80.3	0.0	0.0	0.0	6.8
5	15.4	27.5	21.0	76.0	0.0	0.0	0.0	7.7
6	17.3	27.1	21.4	72.3	0.0	5.3	5.3	5.3
7	17.5	23.8	19.4	88.0	.2	0.0	.2	.5
8	15.7	27.5	20.8	74.3	0.0	1.5	1.5	8.4
9	17.7	25.8	20.7	85.0	0.0	24.6	24.6	3.2
10	16.4	24.1	18.7	85.7	6.0	5.8	11.8	.5
11	15.9	25.6	19.8	86.0	3.0	0.0	3.0	3.2
12	17.0	26.8	20.6	79.0	0.0	22.7	22.7	5.1
13	16.0	26.9	20.8	78.3	0.0	.9	.9	9.1
14	16.8	28.0	21.2	72.0	0.0	0.0	0.0	5.4
15	16.4	27.3	20.5	76.7	0.0	1.0	1.0	5.7
16	17.1	26.7	21.0	79.0	10.5	16.2	26.7	5.5
17	17.4	24.8	20.4	83.0	3.3	4.1	7.4	1.8
18	17.6	26.3	21.2	79.0	0.0	0.0	0.0	6.1
19	15.5	27.2	21.1	68.3	0.0	0.0	0.0	9.3
20	17.6	24.8	20.1	77.7	.1	0.0	.1	1.1
21	16.8	26.5	19.4	78.0	2.9	.7	3.6	3.0
22	14.8	26.8	20.2	76.0	18.0	0.0	18.0	7.3
23	17.0	27.2	19.6	79.7	13.5	3.2	16.7	4.1
24	15.4	27.3	20.2	80.0	0.0	4.7	4.7	7.0
25	17.0	25.7	20.3	83.7	1.5	66.4	67.9	4.4
26	16.4	26.4	19.6	82.3	31.5	12.8	44.3	3.7
27	15.5	26.0	20.0	80.7	0.0	.7	.7	6.9
28	16.7	27.3	21.2	75.7	0.0	.6	.6	6.8
29	17.2	27.2	20.8	78.3	1.0	4.4	5.4	6.0
30	16.8	27.5	22.0	70.7	0.0	13.7	13.7	7.4
31	16.6	26.3	21.2	79.0	0.0	20.8	20.8	5.7
Total :					99.0	211.7	310.7	153.7
Promedio :	16.7	26.2	20.4	79.6				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	25.5	20.2	77.0	.9	5.7	6.6	3.2
2	17.0	26.6	20.7	78.7	0.0	0.0	0.0	6.8
3	16.7	28.4	20.2	76.3	.2	0.0	.2	6.2
4	15.1	26.0	19.4	79.0	.8	0.0	.8	4.3
5	15.6	26.0	21.1	67.3	0.0	0.0	0.0	6.9
6	15.7	26.5	21.0	73.3	.1	.9	1.0	5.8
7	16.7	26.3	20.2	80.0	6.5	22.2	28.7	3.8
8	15.8	25.7	19.6	83.3	1.2	0.0	1.2	1.9
9	16.5	26.9	20.8	80.0	.7	11.5	12.2	3.4
10	15.8	24.6	19.4	85.3	0.0	0.0	0.0	2.0
11	16.9	24.0	20.0	85.3	17.4	.8	18.2	.9
12	17.0	26.2	20.6	84.3	0.0	12.0	12.0	2.3
13	15.6	26.3	20.7	74.7	0.0	0.0	0.0	3.9
14	15.8	28.7	21.8	73.3	0.0	.7	.7	8.4
15	18.9	27.7	22.0	78.0	1.6	0.0	1.6	4.8
16	17.0	24.8	20.2	86.3	9.5	0.0	9.5	.6
17	17.1	26.6	21.2	80.7	0.0	4.5	4.5	4.0
18	17.4	28.5	21.2	76.3	0.0	0.0	0.0	7.5
19	17.9	28.7	22.5	74.0	0.0	2.6	2.6	6.2
20	18.2	27.3	21.6	78.3	.2	1.1	1.3	2.5
21	18.0	29.7	23.0	72.3	0.0	0.0	0.0	8.7
22	18.5	29.2	24.0	70.3	0.0	14.6	14.6	6.8
23	17.8	27.2	22.0	80.7	0.0	11.7	11.7	3.1
24	17.7	27.5	21.8	83.3	6.9	0.0	6.9	3.8
25	18.2	24.5	21.0	86.7	0.0	0.0	0.0	0.0
26	17.3	28.3	22.2	76.0	0.0	11.0	11.0	6.2
27	18.1	29.1	23.0	73.7	0.0	0.0	0.0	7.3
28	18.9	27.6	22.4	76.0	0.0	0.0	0.0	2.4
29								
30								
31								
Total :					46.0	99.3	145.3	123.7
Promedio :	17.1	26.9	21.2	78.2				

Estación : NARANJAL
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 59 ' N
Longitud : 75 ° 39 ' W
Altitud : 1400 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	25.7	21.3	81.3	0.0	.6	.6	.6
2	18.0	28.1	22.4	78.0	.8	0.0	.8	4.7
3	18.3	28.0	21.8	79.7	6.6	0.0	6.6	5.7
4	18.2	29.3	23.2	70.7	0.0	4.4	4.4	7.2
5	18.1	21.4	19.0	93.0	.8	0.0	.8	0.0
6	15.4	28.3	21.2	77.7	0.0	0.0	0.0	7.3
7	16.1	30.1	22.7	63.0	0.0	0.0	0.0	8.0
8	17.2	27.0	22.3	69.0	0.0	0.0	0.0	4.9
9	17.0	29.0	22.8	69.7	0.0	.2	.2	8.4
10	17.9	28.3	23.3	73.0	0.0	.5	.5	4.4
11	18.6	29.5	23.3	72.7	0.0	1.4	1.4	5.8
12	18.3	27.8	22.7	76.3	0.0	38.3	38.3	3.5
13	16.5	22.5	18.9	94.7	4.2	.3	4.5	.5
14	16.4	28.7	21.8	77.7	0.0	0.0	0.0	9.2
15	17.5	30.4	22.6	75.0	0.0	0.0	0.0	9.3
16	18.4	25.4	20.2	91.0	22.1	11.1	33.2	1.1
17	18.2	21.5	19.4	93.7	7.8	3.1	10.9	0.0
18	17.2	26.3	20.0	85.7	1.6	.9	2.5	3.6
19	17.0	23.8	19.2	90.3	.3	0.0	.3	1.7
20	15.7	24.2	20.0	86.0	.3	.3	.6	1.3
21	16.5	26.1	19.3	87.3	0.0	0.0	0.0	3.6
22	16.0	28.1	21.7	64.7	0.0	0.0	0.0	8.1
23	17.2	27.7	20.8	74.3	4.4	0.0	4.4	5.7
24	15.5	28.9	21.9	68.0	0.0	0.0	0.0	9.5
25	15.3	28.5	21.8	68.3	0.0	0.0	0.0	9.0
26	17.4	28.3	22.7	69.7	0.0	3.5	3.5	5.1
27	17.0	28.0	21.6	69.3	0.0	0.0	0.0	5.2
28	17.4	28.2	21.3	72.0	0.0	1.9	1.9	6.4
29	17.0	27.9	22.1	71.3	0.0	0.0	0.0	6.3
30	17.3	27.1	22.0	75.3	0.0	.1	.1	4.2
31	16.4	28.4	21.4	75.0	4.6	0.0	4.6	4.9
Total :					53.5	66.6	120.1	155.2
Promedio :	17.1	27.2	21.4	77.2				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	25.2	20.8	80.7	0.0	.4	.4	.6
2	17.3	29.2	23.0	69.3	0.0	0.0	0.0	8.2
3	17.1	28.5	21.8	72.3	.9	4.4	5.3	5.4
4	17.5	25.2	21.0	82.7	2.4	0.0	2.4	1.6
5	17.2	28.2	22.8	75.0	0.0	0.0	0.0	6.0
6	13.8	29.0	20.0	79.0	62.8	1.4	64.2	5.3
7	15.6	26.4	20.8	80.3	0.0	0.0	0.0	2.7
8	17.5	26.2	21.8	71.7	0.0	29.6	29.6	1.5
9	17.0	27.9	22.8	74.3	0.0	.2	.2	6.8
10	18.2	26.5	21.6	83.7	0.0	30.3	30.3	.8
11	18.4	25.5	21.6	81.0	1.8	0.0	1.8	1.2
12	17.7	29.7	23.2	71.3	.7	0.0	.7	7.6
13	19.6	27.4	21.5	82.3	0.0	0.0	0.0	1.8
14	16.4	27.3	22.0	77.0	0.0	.6	.6	2.4
15	17.4	28.5	21.2	78.7	1.2	0.0	1.2	4.8
16	15.6	29.1	22.8	68.3	0.0	68.3	68.3	7.5
17	17.3	26.2	21.3	81.3	0.0	1.2	1.2	2.4
18	18.0	25.9	20.4	83.0	2.8	28.9	31.7	.8
19	17.4	26.7	21.6	80.7	.8	15.6	16.4	4.0
20	17.2	22.4	19.1	96.3	4.7	21.6	26.3	1.9
21	16.1	25.1	20.9	78.7	0.0	0.0	0.0	2.5
22	17.2	22.2	19.6	89.3	15.4	1.2	16.6	0.0
23	17.2	24.7	20.4	85.7	0.0	9.4	9.4	2.2
24	16.7	26.5	20.8	80.3	0.0	0.0	0.0	4.6
25	17.6	23.0	18.6	92.7	27.0	0.0	27.0	.6
26	16.1	26.7	21.4	74.0	0.0	12.5	12.5	5.4
27	17.8	26.0	21.5	84.0	0.0	47.9	47.9	4.1
28	16.2	27.0	21.2	79.3	0.0	0.0	0.0	5.7
29	16.8	28.7	22.6	71.0	0.0	0.0	0.0	9.5
30	17.4	26.5	21.5	74.7	0.0	0.0	0.0	3.0
31								
Total :					120.5	273.5	394.0	110.9
Promedio :	17.0	26.6	21.3	79.3				

Estación : NARANJAL **Dpto. : CALDAS** **Latitud : 4 ° 59 ' N**
Año : 1997 **Mpio. : CHINCHINA** **Longitud : 75 ° 39 ' W**
Altitud : 1400 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.4	28.5	22.0	71.3	0.0	0.0	0.0	6.1
2	17.8	27.7	22.0	79.0	0.0	1.0	1.0	2.6
3	18.9	28.2	22.8	75.7	0.0	32.7	32.7	5.5
4	16.4	26.3	21.8	83.0	0.0	0.0	0.0	2.1
5	16.2	28.1	22.7	68.0	0.0	0.0	0.0	6.0
6	17.9	28.0	22.4	72.3	.1	0.0	.1	3.0
7	17.5	28.5	22.1	80.7	0.0	0.0	0.0	3.1
8	15.8	28.6	23.2	70.3	0.0	0.0	0.0	6.9
9	18.0	25.8	20.8	89.0	2.1	30.6	32.7	3.7
10	17.9	26.3	20.5	87.0	2.8	17.6	20.4	3.1
11	17.2	21.7	18.7	94.0	1.2	0.0	1.2	0.0
12	15.8	26.4	21.5	78.0	0.0	6.4	6.4	5.7
13	16.5	26.4	20.2	83.0	1.4	0.0	1.4	3.3
14	16.9	26.3	20.8	84.7	1.7	1.5	3.2	3.4
15	16.5	26.0	20.8	82.0	0.0	0.0	0.0	5.1
16	17.6	28.4	21.8	72.0	0.0	0.0	0.0	5.6
17	17.2	28.1	22.6	71.7	0.0	0.0	0.0	6.6
18	17.1	30.0	24.0	67.7	0.0	28.3	28.3	7.1
19	17.0	27.2	22.7	78.7	0.0	0.0	0.0	2.2
20	18.6	27.6	22.8	78.7	0.0	0.0	0.0	4.8
21	17.9	27.7	23.0	77.7	0.0	114.3	114.3	5.6
22	17.0	25.5	20.0	90.3	.3	0.0	.3	1.8
23	16.8	29.0	23.0	72.0	0.0	0.0	0.0	7.9
24	18.5	27.9	22.0	80.0	0.0	0.0	0.0	3.7
25	17.9	25.2	20.4	93.3	2.5	17.3	19.8	1.2
26	18.0	23.3	20.1	92.3	5.8	1.0	6.8	1.0
27	17.6	26.6	21.6	83.0	0.0	0.0	0.0	4.6
28	18.6	25.5	21.4	84.0	1.2	.2	1.4	1.2
29	18.0	25.8	21.0	84.7	.7	6.1	6.8	3.0
30	18.6	24.1	21.4	87.3	.5	0.0	.5	1.1
31	17.8	26.3	21.2	86.0	0.0	35.3	35.3	4.3
Total					20.3	292.3	312.6	121.3
Promedio	17.4	26.8	21.7	80.6				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.8	21.4	82.0	0.0	0.0	0.0	2.1
2	17.2	27.2	20.8	88.0	4.4	0.0	4.4	2.8
3	17.3	28.7	22.0	68.7	0.0	5.7	5.7	6.3
4	17.0	20.7	18.5	94.3	17.6	0.0	17.6	0.0
5	16.0	26.4	21.2	80.7	0.0	0.0	0.0	5.9
6	17.8	26.5	21.6	78.0	0.0	2.6	2.6	3.0
7	17.7	22.8	19.4	94.0	2.9	4.4	7.3	.4
8	16.5	24.4	19.6	86.0	0.0	0.0	0.0	.8
9	16.0	27.0	20.1	81.3	3.7	0.0	3.7	2.0
10	16.8	24.9	20.4	90.0	18.6	18.2	36.8	6.0
11	18.2	27.2	21.8	82.0	0.0	46.8	46.8	4.2
12	17.2	26.2	21.0	84.3	0.0	3.4	3.4	6.8
13	17.8	23.5	20.1	88.3	4.5	1.2	5.7	.7
14	17.5	27.0	21.9	77.7	0.0	0.0	0.0	4.1
15	16.8	28.2	22.1	75.3	0.0	1.8	1.8	6.2
16	18.2	28.3	21.4	81.3	22.5	0.0	22.5	5.2
17	18.0	26.1	21.4	86.0	11.8	0.0	11.8	4.3
18	17.5	26.0	20.5	85.7	36.2	0.0	36.2	2.4
19	17.7	24.0	19.6	86.0	.7	0.0	.7	2.1
20	17.4	27.7	21.7	73.0	0.0	0.0	0.0	7.2
21	17.8	29.0	22.2	72.3	0.0	0.0	0.0	8.6
22	17.3	29.7	23.4	65.3	0.0	0.0	0.0	9.2
23	18.7	28.6	22.6	72.0	0.0	.2	.2	5.1
24	17.7	26.1	21.6	78.0	0.0	0.0	0.0	.8
25	18.2	25.8	20.8	80.7	10.7	11.7	22.4	2.9
26	17.0	24.6	20.3	82.3	3.0	.2	3.2	.9
27	16.7	27.0	21.5	78.7	0.0	0.0	0.0	5.2
28	15.8	28.7	22.0	73.3	0.0	0.0	0.0	8.6
29	17.5	28.3	22.1	70.7	0.0	3.0	3.0	8.0
30	17.4	27.3	21.4	80.3	0.0	12.0	12.0	6.4
31								
Total					136.6	111.2	247.8	128.2
Promedio	17.3	26.5	21.1	80.5				

Estación : NARANJAL **Dpto. : CALDAS** **Latitud : 4 ° 59 ' N**
Año : 1997 **Mpio. : CHINCHINA** **Longitud : 75 ° 39 ' W**
Altitud : 1400 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	27.0	21.4	77.0	.3	0.0	.3	5.2
2	16.7	28.2	22.1	65.3	0.0	0.0	0.0	9.3
3	16.8	27.0	20.8	77.0	0.0	0.0	0.0	2.6
4	16.3	29.0	22.6	67.7	0.0	0.0	0.0	7.8
5	18.4	28.3	22.7	66.0	0.0	0.0	0.0	3.8
6	16.7	29.8	23.6	62.0	0.0	0.0	0.0	8.5
7	17.4	28.4	22.5	70.3	0.0	11.4	11.4	6.6
8	17.0	26.5	22.0	76.7	0.0	7.7	7.7	4.5
9	17.9	24.3	20.4	91.0	1.5	.9	2.4	1.3
10	17.0	26.9	22.0	72.0	0.0	1.0	1.0	6.3
11	17.2	26.0	21.7	75.0	0.0	0.0	0.0	2.8
12	18.0	27.2	22.4	72.3	0.0	0.0	0.0	5.3
13	16.2	29.8	23.1	60.0	0.0	0.0	0.0	10.6
14	16.5	26.9	22.5	68.3	0.0	0.0	0.0	5.0
15	16.7	27.2	22.3	73.7	0.0	0.0	0.0	6.7
16	17.5	26.6	22.0	73.0	.3	6.8	7.1	5.6
17	18.1	28.7	22.7	70.7	0.0	0.0	0.0	7.3
18	17.5	29.8	23.2	61.3	0.0	0.0	0.0	10.1
19	16.1	30.4	23.3	57.0	0.0	0.0	0.0	11.2
20	16.2	30.2	23.4	58.3	0.0	0.0	0.0	8.5
21	16.6	28.8	23.4	60.0	0.0	0.0	0.0	8.7
22	17.6	26.7	21.6	78.7	0.0	0.0	0.0	1.8
23	16.2	31.8	23.4	57.0	0.0	0.0	0.0	10.9
24	16.7	31.6	24.4	55.3	0.0	0.0	0.0	10.7
25	18.2	27.3	22.2	69.0	0.0	0.0	0.0	1.0
26	17.0	30.1	23.4	60.7	0.0	0.0	0.0	7.3
27	17.7	26.3	22.1	68.7	0.0	1.6	1.6	.7
28	16.7	24.6	20.7	78.0	0.0	0.0	0.0	1.1
29	17.9	27.0	22.6	65.0	0.0	0.0	0.0	4.8
30	17.8	26.8	22.0	69.7	0.0	0.0	0.0	4.0
31	17.0	29.6	23.5	61.7	0.0	24.8	24.8	8.9
Total					2.1	54.2	56.3	188.9
Promedio	17.1	28.0	22.5	68.3				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	30.3	22.8	65.0	0.0	.2	.2	8.7
2	17.6	28.5	22.4	69.3	0.0	0.0	0.0	3.9
3	17.5	29.0	22.4	66.0	0.0	0.0	0.0	4.3
4	16.0	29.9	24.0	53.7	0.0	0.0	0.0	6.3
5	17.7	31.0	24.0	57.7	0.0	0.0	0.0	10.3
6	19.7	31.5	24.3	58.3	0.0	0.0	0.0	6.8
7	18.4	30.5	24.2	61.7	0.0	0.0	0.0	6.0
8	16.8	30.4	24.0	58.0	0.0	0.0	0.0	8.5
9	18.0	27.3	21.8	73.0	.5	0.0	.5	2.2
10	16.2	27.8	20.7	70.3	0.0	0.0	0.0	5.8
11	17.1	28.7	22.4	66.0	0.0	.1	.1	4.7
12	17.9	29.7	23.8	66.0	0.0	3.2	3.2	5.8
13	18.1	28.0	22.8	70.7	0.0	0.0	0.0	3.9
14	18.4	27.8	22.5	69.7	.3	0.0	.3	5.5
15	17.3	30.9	23.7	59.0	0.0	0.0	0.0	9.4
16	17.0	30.6	23.8	63.7	2.5	0.0	2.5	8.5
17	17.3	29.5	23.4	62.0	0.0	0.0	0.0	6.7
18	17.8	30.4	23.2	64.7	0.0	14.0	14.0	8.2
19	17.7	26.7	21.8	77.0	0.0	0.0	0.0	3.0
20	17.1	29.8	23.0	60.3	0.0	0.0	0.0	9.3
21	16.3	31.3	23.3	50.7	0.0	0.0	0.0	10.0
22	18.3	29.4	22.8	66.0	0.0	0.0	0.0	3.7
23	16.8	28.8	22.2	72.0	0.0	0.0	0.0	5.8
24	17.2	29.5	23.8	64.0	0.0	0.0	0.0	4.5
25	16.8	31.0	24.1	64.0	0.0	0.0	0.0	6.8
26	18.4	30.1	24.0	68.7	0.0	0.0	0.0	4.7
27	18.2	28.8	23.6	64.3	0.0	0.0	0.0	2.8
28	16.3	31.3	23.2	52.3	0.0	0.0	0.0	9.2
29	15.8	30.5	23.4	54.7	0.0	0.0	0.0	9.1
30	16.5	29.9	23.2	58.7	0.0	0.0	0.0	7.9
31	17.1	30.9	23.6	62.7	0.0	0.0	0.0	8.5
Total					3.3	17.5	20.8	200.8
Promedio	17.3	29.7	23.2	63.6				

Estación : NARANJAL
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 59 ' N
Longitud : 75 ° 39 ' W
Altitud : 1400 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	28.0	23.3	66.0	0.0	.4	.4	2.5
2	17.8	27.0	21.3	73.3	1.0	0.0	1.0	4.1
3	15.6	26.8	21.5	69.3	0.0	0.0	0.0	5.1
4	16.7	30.1	23.2	59.3	0.0	0.0	0.0	7.0
5	18.0	29.2	21.8	71.3	18.4	11.3	29.7	6.7
6	16.6	27.0	21.0	73.0	0.0	0.0	0.0	5.0
7	17.6	27.9	21.1	79.7	5.7	25.5	31.2	4.8
8	17.0	24.8	20.8	80.7	.1	25.9	26.0	2.9
9	16.6	25.2	21.1	81.0	0.0	.7	.7	1.1
10	17.1	28.0	21.8	74.0	0.0	0.0	0.0	3.4
11	17.3	27.2	21.5	79.7	10.2	0.0	10.2	4.4
12	17.6	27.3	22.1	77.0	0.0	0.0	0.0	3.2
13	18.1	26.2	21.3	86.7	1.4	0.0	1.4	2.9
14	17.2	28.2	22.8	68.7	0.0	0.0	0.0	4.5
15	17.0	28.3	23.0	65.0	0.0	0.0	0.0	6.4
16	18.0	28.7	23.2	67.3	0.0	0.0	0.0	5.2
17	17.6	27.5	22.4	74.7	0.0	0.0	0.0	3.4
18	16.7	29.2	22.4	66.7	0.0	0.0	0.0	6.5
19	18.4	27.8	21.9	72.0	.9	.4	1.3	1.9
20	18.2	25.0	20.8	83.3	4.2	0.0	4.2	1.3
21	17.7	26.8	22.4	74.0	0.0	43.4	43.4	4.7
22	16.8	25.4	20.8	77.7	.9	.6	1.5	2.2
23	17.8	25.2	20.4	81.0	.5	13.5	14.0	.7
24	17.4	24.9	20.4	87.7	.5	6.0	6.5	1.6
25	16.5	28.2	21.6	75.0	0.0	9.4	9.4	6.2
26	16.4	27.8	20.8	78.0	3.2	0.0	3.2	3.0
27	16.7	26.0	21.2	73.0	0.0	0.0	0.0	3.8
28	16.9	26.5	21.2	75.7	0.0	0.0	0.0	2.6
29	15.7	28.1	20.9	79.0	2.9	0.0	2.9	6.5
30	15.5	29.6	22.1	63.0	0.0	0.0	0.0	7.9
31								
Total :					49.9	137.1	187.0	121.5
Promedio :	17.2	27.3	21.7	74.4				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.3	28.1	21.8	73.0	0.0	0.0	0.0	6.3
2	17.6	28.5	21.2	79.3	0.0	.8	.8	2.3
3	17.4	24.7	20.4	85.7	1.0	0.0	1.0	.7
4	16.0	28.6	23.0	65.0	0.0	5.6	5.6	7.0
5	17.0	26.5	20.4	83.3	0.0	0.0	0.0	4.1
6	17.2	28.0	21.6	69.0	0.0	0.0	0.0	4.4
7	16.5	29.1	22.0	69.0	0.0	0.0	0.0	6.7
8	17.5	25.7	21.3	80.3	0.0	0.0	0.0	2.3
9	16.7	28.6	22.0	65.3	0.0	4.8	4.8	6.2
10	17.4	26.7	21.6	77.7	0.0	8.5	8.5	3.8
11	17.7	25.4	21.2	79.7	0.0	6.4	6.4	2.8
12	17.0	28.1	22.2	74.3	0.0	13.3	13.3	6.1
13	17.8	26.7	20.7	77.0	0.0	0.0	0.0	5.0
14	15.9	28.3	21.5	70.7	0.0	.4	.4	7.9
15	16.6	27.1	21.6	73.3	0.0	0.0	0.0	4.6
16	17.2	27.8	21.8	69.0	0.0	12.4	12.4	2.1
17	16.0	26.5	20.6	74.7	0.0	4.4	4.4	6.6
18	17.6	26.7	20.4	80.0	4.2	9.6	13.8	6.0
19	16.5	26.7	21.2	76.0	0.0	0.0	0.0	7.1
20	17.5	28.4	21.7	74.3	.3	8.7	9.0	6.6
21	17.8	26.7	21.3	76.7	0.0	26.8	26.8	5.1
22	16.9	25.0	20.8	78.7	0.0	0.0	0.0	2.8
23	16.3	29.0	22.0	73.0	0.0	0.0	0.0	8.2
24	19.0	30.2	23.0	68.7	0.0	0.0	0.0	7.5
25	17.2	28.2	22.3	75.0	0.0	0.0	0.0	5.9
26	18.3	29.0	22.9	70.0	0.0	0.0	0.0	7.9
27	17.7	29.1	21.4	75.3	15.6	0.0	15.6	5.8
28	17.1	26.5	22.3	74.7	0.0	5.4	5.4	2.6
29	18.0	27.2	22.0	78.0	0.0	0.0	0.0	4.9
30	18.7	29.5	23.0	70.7	0.0	0.0	0.0	7.2
31	18.6	26.9	21.0	78.0	0.0	0.0	0.0	4.6
Total :					21.1	107.1	128.2	161.1
Promedio :	17.3	27.5	21.6	74.7				

Estación : NARANJAL
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 59 ' N
Longitud : 75 ° 39 ' W
Altitud : 1400 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	26.8	21.5	75.3	0.0	0.0	0.0	3.2
2	17.3	30.2	22.8	69.0	0.0	6.5	6.5	7.2
3	18.0	26.3	21.8	79.7	0.0	0.0	0.0	1.1
4	17.9	27.3	20.7	80.7	.3	37.6	37.9	3.4
5	17.4	27.7	22.4	71.7	0.0	16.8	16.8	5.5
6	17.8	26.8	20.9	79.0	8.0	10.6	18.6	3.5
7	18.0	25.6	20.2	83.3	2.9	3.3	6.2	2.5
8	18.2	23.2	19.7	88.7	1.5	10.6	12.1	0.0
9	17.0	22.6	19.5	92.0	.8	3.7	4.5	.1
10	17.0	25.0	21.0	80.3	0.0	17.9	17.9	3.6
11	17.5	27.1	20.2	83.0	5.7	23.4	29.1	4.8
12	18.2	27.0	20.6	82.7	6.3	15.9	22.2	5.3
13	17.8	24.3	19.7	85.3	3.9	4.6	8.5	1.0
14	16.7	26.3	19.6	79.0	2.0	.2	2.2	4.0
15	16.7	25.5	19.5	78.0	0.0	0.0	0.0	5.7
16	15.7	26.7	20.4	75.0	0.0	19.9	19.9	6.2
17	17.1	24.4	20.0	83.0	22.8	0.0	22.8	1.8
18	16.5	27.2	21.7	71.7	0.0	.2	.2	4.6
19	17.0	26.7	21.1	76.7	.5	44.9	45.4	4.1
20	16.7	24.9	19.2	91.0	1.2	0.0	1.2	2.1
21	16.0	27.7	22.1	71.3	0.0	0.0	0.0	7.3
22	17.3	28.2	22.8	70.3	0.0	0.0	0.0	9.4
23	18.6	27.3	22.0	78.0	1.8	.7	2.5	3.3
24	18.0	26.9	22.2	72.0	0.0	17.0	17.0	4.7
25	17.7	26.0	19.7	81.7	9.6	0.0	9.6	4.3
26	16.8	23.0	19.2	86.0	6.9	0.0	6.9	.5
27	16.4	27.3	21.0	76.0	0.0	0.0	0.0	6.1
28	16.7	28.6	22.2	69.3	0.0	0.0	0.0	8.1
29	17.0	27.8	21.8	68.7	0.0	0.0	0.0	4.0
30	16.0	27.5	21.2	74.7	0.0	1.7	1.7	7.9
31								
Total :					74.2	235.5	309.7	125.3
Promedio :	17.2	26.4	20.9	78.4				

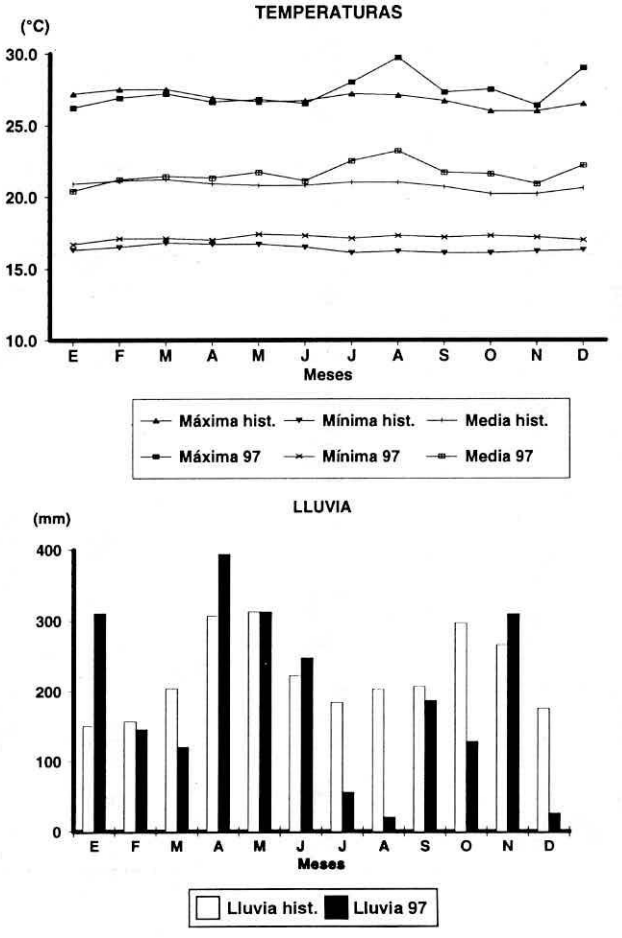
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	28.3	21.6	77.0	0.0	10.1	10.1	7.3
2	17.0	27.6	21.1	73.7	0.0	.3	.3	6.0
3	18.7	27.7	21.4	77.3	0.0	0.0	0.0	6.3
4	15.4	28.7	21.4	69.0	0.0	0.0	0.0	9.8
5	16.1	28.8	22.4	66.3	0.0	0.0	0.0	8.5
6	16.4	29.2	22.5	69.3	0.0	0.0	0.0	7.9
7	17.2	28.7	22.8	67.7	0.0	0.0	0.0	6.8
8	17.5	28.5	22.6	64.7	0.0	0.0	0.0	6.5
9	16.6	29.4	22.2	66.3	0.0	0.0	0.0	9.0
10	18.2	29.0	22.8	74.0	0.0	0.0	0.0	5.8
11	17.7	29.1	22.9	70.7	0.0	0.0	0.0	6.9
12	17.8	28.7	22.4	72.3	0.0	0.0	0.0	8.1
13	18.0	28.9	22.1	69.7	0.0	0.0	0.0	6.0
14	16.3	28.1	21.4	76.7	1.4	2.3	3.7	5.8
15	17.4	26.2	20.4	79.3	0.0	0.0	0.0	2.2
16	15.8	28.0	21.3	71.7	0.0	0.0	0.0	7.2
17	16.6	29.2	22.0	70.0	0.0	0.0	0.0	8.3
18	16.4	28.8	22.1	69.0	0.0	0.0	0.0	7.7
19	16.0	29.8	22.0	65.7	0.0	.1	.1	9.0
20	17.0	28.8	22.0	71.3	0.0	0.0	0.0	8.4
21	16.8	29.2	21.8	67.3	3.0	0.0	3.0	5.3
22	16.9	28.2	22.8	67.3	0.0	0.0	0.0	5.5
23	16.4	30.7	23.7	62.0	0.0	0.0	0.0	8.9
24	16.6	30.8	23.3	62.3	0.0	0.0	0.0	7.7
25	17.3	30.2	22.4	66.3	0.0	0.0	0.0	8.0
26	17.0	29.5	23.3	65.7	0.0	0.0	0.0	8.0
27	17.5	29.9	22.7	69.3	0.0	0.0	0.0	8.4
28	17.4	31.3	22.8	67.7	0.0	0.0	0.0	9.8
29	18.0	29.2	21.6	67.0	5.0	.1	5.1	8.9
30	17.1	29.7	22.0	74.0	3.8	0.0	3.8	7.7
31	16.0	28.7	21.9	71.0	0.0	0.0	0.0	6.8
Total :					13.2	12.9	26.1	228.5
Promedio :	17.0	29.0	22.2	69.7				

Estación : NARANJAL
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 59 'N
Longitud : 75 ° 39 'W
Altitud : 1400 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.7	26.2	20.4	28.0	14.8	79.6	310.7	25	153.7
Febrero	17.1	26.9	21.2	29.7	15.1	78.2	145.3	19	123.7
Marzo	17.1	27.2	21.4	30.4	15.3	77.2	120.1	20	155.2
Abril	17.0	26.6	21.3	29.7	13.8	79.3	394.0	21	110.9
Mayo	17.4	26.8	21.7	30.0	15.4	80.6	312.6	18	121.3
Junio	17.3	26.5	21.1	29.7	15.8	80.5	247.8	20	128.2
Julio	17.1	28.0	22.5	31.8	16.1	68.3	56.3	8	188.9
Agosto	17.3	29.7	23.2	31.5	15.8	63.6	20.8	7	200.8
Septiembre	17.2	27.3	21.7	30.1	15.5	74.4	187.0	17	121.5
Octubre	17.3	27.5	21.6	30.2	15.9	74.7	128.2	15	161.1
Noviembre	17.2	26.4	20.9	30.2	15.7	78.4	309.7	22	125.3
Diciembre	17.0	29.0	22.2	31.3	15.4	69.7	26.1	7	228.5
Promedio :	17.1	27.3	21.6			75.4			
Absoluta :				31.8	13.8				
Total :							2258.6	199	1819.1



Estación : LA TRINIDAD
Año : 1997

Dpto. : CAUCA
Mpio. : PIENDAMO

Latitud : 2 ° 44 ' N
Longitud : 76 ° 34 ' W
Altitud : 1600 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	20.6	17.2	92.0	3.6	0.0	3.6	.4
2	14.8	22.8	18.4	85.3	0.0	0.0	0.0	3.9
3	15.7	23.7	19.4	79.3	0.0	5.5	5.5	3.9
4	16.0	25.5	19.5	79.7	.8	12.9	13.7	4.5
5	16.5	23.6	19.2	82.7	14.4	0.0	14.4	2.8
6	15.8	23.5	17.7	86.0	9.1	2.0	11.1	2.1
7	15.2	23.0	17.2	86.3	6.9	3.4	10.3	3.0
8	15.0	24.5	19.8	79.0	0.0	0.0	0.0	5.9
9	15.5	24.6	17.9	86.3	3.6	5.8	9.4	4.3
10	15.8	19.4	16.7	95.3	14.9	0.0	14.9	0.0
11	15.0	23.0	18.2	83.7	0.0	14.5	14.5	3.4
12	15.1	24.0	19.5	81.7	0.0	61.1	61.1	5.1
13	14.5	23.2	17.8	83.7	0.0	0.0	0.0	4.8
14	13.0	24.5	19.6	75.0	0.0	8.3	8.3	5.9
15	14.7	21.2	17.0	93.0	37.3	1.0	38.3	.1
16	15.0	23.5	17.7	92.0	10.1	.6	10.7	1.8
17	15.2	21.0	17.3	90.0	2.5	.6	3.1	.2
18	15.0	23.5	18.0	85.3	5.3	4.3	9.6	1.8
19	14.9	23.2	17.6	87.0	5.5	18.7	24.2	1.2
20	15.2	22.3	17.1	92.3	6.1	39.6	45.7	.7
21	15.0	22.6	18.0	89.3	.7	0.0	.7	1.9
22	14.6	24.1	17.3	90.3	17.5	.7	18.2	3.0
23	14.9	24.0	17.6	85.0	10.4	.2	10.6	4.3
24	14.4	23.6	18.9	82.0	0.0	18.4	18.4	4.2
25	15.4	23.7	17.6	85.3	20.9	1.5	22.4	1.6
26	15.2	19.5	17.1	89.0	11.3	7.2	18.5	.1
27	13.0	24.0	18.3	76.7	0.0	0.0	0.0	8.8
28	13.4	23.8	18.4	82.0	0.0	2.1	2.1	3.9
29	15.0	24.5	18.0	85.0	0.0	8.8	8.8	5.9
30	14.6	24.4	18.0	80.7	.2	11.3	11.5	4.0
31	14.0	25.0	17.8	79.3	2.5	0.0	2.5	6.1
Total					183.6	228.5	412.1	99.6
Promedio	14.9	23.2	18.1	85.2				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	22.5	17.9	84.7	1.7	1.8	3.5	1.7
2	14.8	24.5	18.4	81.0	.2	0.0	.2	5.5
3	14.1	24.4	17.7	83.3	10.3	.7	11.0	3.7
4	14.2	22.6	17.4	91.7	.1	0.0	.1	2.3
5	15.4	23.7	18.0	85.7	.1	6.0	6.1	4.0
6	13.9	24.2	18.6	79.3	0.0	22.5	22.5	3.5
7	14.5	23.7	17.2	84.0	3.2	0.0	3.2	2.7
8	14.2	22.9	17.6	86.3	0.0	0.0	0.0	1.3
9	14.4	24.7	18.2	81.0	4.3	0.0	4.3	3.2
10	15.3	24.5	18.5	84.0	0.0	.5	.5	1.8
11	15.2	23.5	17.4	88.0	0.0	0.0	0.0	3.8
12	14.6	23.8	18.2	92.0	2.9	0.0	2.9	4.6
13	15.4	26.5	20.6	77.7	10.6	0.0	10.6	7.2
14	16.0	25.5	20.3	83.3	0.0	0.0	0.0	8.2
15	17.3	26.2	20.1	82.0	16.6	8.8	25.4	4.7
16	15.9	24.0	18.4	87.7	.5	0.0	.5	2.1
17	14.1	24.9	18.9	76.3	0.0	0.0	0.0	4.0
18	16.0	23.5	19.0	85.3	0.0	0.0	0.0	3.4
19	15.0	26.0	19.7	79.7	0.0	0.0	0.0	6.6
20	14.4	26.5	19.3	75.3	.6	0.0	.6	8.0
21	15.0	26.4	20.3	77.0	0.0	0.0	0.0	7.3
22	15.2	26.5	19.8	81.0	0.0	0.0	0.0	4.8
23	16.8	25.0	20.0	81.7	.8	0.0	.8	2.5
24	15.3	27.3	20.2	70.7	2.1	0.0	2.1	5.9
25	15.8	25.6	20.7	81.3	0.0	0.0	0.0	3.4
26	16.0	24.5	20.0	81.3	0.0	0.0	0.0	3.2
27	15.0	24.5	19.9	83.3	0.0	0.0	0.0	2.8
28	15.1	27.7	21.4	71.3	0.0	0.0	0.0	7.3
29								
30								
31								
Total					54.0	40.3	94.3	119.5
Promedio	15.1	24.8	19.1	82.0				

Estación : LA TRINIDAD
Año : 1997

Dpto. : CAUCA
Mpio. : PIENDAMO

Latitud : 2 ° 44 ' N
Longitud : 76 ° 34 ' W
Altitud : 1600 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	26.2	20.3	77.3	0.0	.1	.1	2.0
2	16.5	27.0	21.0	77.3	0.0	17.8	17.8	4.0
3	16.3	26.0	19.7	86.0	7.7	17.5	25.2	4.2
4	15.8	24.9	18.6	89.0	0.0	.9	.9	3.6
5	15.5	23.5	18.2	90.7	0.0	0.0	0.0	3.2
6	12.0	25.1	20.0	63.3	0.0	0.0	0.0	9.8
7	13.2	29.5	21.4	56.3	0.0	0.0	0.0	8.9
8	14.4	26.7	20.6	75.3	0.0	0.0	0.0	5.3
9	15.5	26.6	21.0	79.3	.6	0.0	.6	4.0
10	16.0	28.2	21.6	72.7	0.0	0.0	0.0	7.5
11	15.0	25.2	19.7	86.0	11.8	0.0	11.8	2.7
12	16.0	28.2	21.0	79.7	0.0	37.0	37.0	6.6
13	15.2	20.8	17.1	97.0	1.7	0.0	1.7	0.0
14	13.0	26.1	20.3	78.7	0.0	0.0	0.0	8.5
15	16.8	25.3	19.9	82.3	0.0	2.7	2.7	1.4
16	15.8	24.3	18.9	93.7	8.3	29.9	38.2	1.8
17	15.4	21.0	16.6	99.0	30.4	4.1	34.5	0.0
18	15.1	21.8	17.4	93.0	.7	5.3	6.0	.4
19	14.8	22.0	18.2	86.3	7.0	.2	7.2	1.1
20	15.0	25.0	18.8	82.3	.1	.4	.5	2.5
21	15.8	24.5	18.0	78.3	0.0	0.0	0.0	3.0
22	13.5	26.3	20.0	61.0	0.0	0.0	0.0	8.1
23	14.2	26.0	19.1	75.3	0.0	0.0	0.0	5.4
24	14.0	25.0	19.6	69.3	0.0	0.0	0.0	7.9
25	14.8	25.1	18.4	76.3	0.0	0.0	0.0	3.7
26	14.0	25.2	18.1	76.3	0.0	0.0	0.0	5.4
27	13.0	24.5	18.1	79.7	25.2	.3	25.5	5.7
28	14.3	26.0	19.1	70.7	0.0	0.0	0.0	5.8
29	15.0	25.5	18.8	77.3	17.0	28.7	45.7	4.6
30	13.3	24.2	18.9	75.7	24.5	0.0	24.5	5.4
31	14.8	24.2	18.1	87.0	1.0	18.4	19.4	1.9
Total					136.0	163.3	299.3	134.4
Promedio	14.8	25.2	19.2	79.7				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	24.5	17.9	85.7	2.6	1.6	4.2	3.8
2	16.0	24.2	20.0	72.7	0.0	0.0	0.0	1.1
3	15.4	27.6	20.3	78.3	0.0	0.0	0.0	3.7
4	16.5	24.5	18.8	82.7	.4	0.0	.4	3.4
5	15.0	24.7	18.4	80.7	17.7	0.0	17.7	3.3
6	14.0	25.4	18.6	83.0	3.7	0.0	3.7	3.4
7	16.0	26.8	20.4	77.0	6.5	1.7	8.2	3.9
8	16.7	24.4	18.5	89.3	4.1	0.0	4.1	2.1
9	15.2	25.0	20.4	81.0	.1	0.0	.1	3.9
10	15.0	25.3	18.9	84.0	8.8	.5	9.3	4.1
11	16.0	24.3	19.9	83.7	.5	0.0	.5	2.8
12	17.0	26.0	20.4	80.0	0.0	0.0	0.0	2.8
13	15.0	28.2	18.9	78.7	15.5	0.0	15.5	6.1
14	15.0	26.5	18.9	79.3	47.7	0.0	47.7	4.6
15	15.4	25.0	18.4	82.7	15.3	0.0	15.3	4.6
16	14.9	26.5	20.5	78.0	2.7	0.0	2.7	5.9
17	15.2	24.0	18.3	88.7	.6	0.0	.6	3.2
18	16.0	23.4	18.8	82.3	.3	0.0	.3	.2
19	15.0	24.0	16.7	95.0	19.9	2.1	22.0	1.4
20	15.2	21.8	17.3	90.0	9.0	0.0	9.0	1.3
21	15.5	21.7	17.8	88.3	4.5	.1	4.6	.4
22	15.0	21.8	17.8	91.3	3.3	11.4	14.7	1.3
23	14.0	25.6	19.9	69.7	1.9	3.5	5.4	3.7
24	15.0	24.8	19.7	78.3	.2	1.9	2.1	4.4
25	14.7	21.7	17.3	86.7	2.2	0.0	2.2	1.6
26	15.0	24.0	18.5	86.3	6.0	1.7	7.7	2.9
27	15.5	24.6	17.2	93.3	17.1	0.0	17.1	3.8
28	15.2	23.7	18.4	86.0	0.0	0.0	0.0	5.2
29	14.8	27.1	20.2	76.3	.1	0.0	.1	7.2
30	15.0	26.2	19.5	81.7	12.1	0.0	12.1	3.9
31								
Total					202.8	24.5	227.3	100.0
Promedio	15.2	24.8	18.9	83.0				

Estación : LA TRINIDAD
Año : 1997

Dpto. : CAUCA
Mpio. : PIENDAMO

Latitud : 2 ° 44 ' N
Longitud : 76 ° 34 ' W
Altitud : 1600 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	25.8	19.8	71.7	0.0	0.0	0.0	3.9
2	14.4	26.7	20.8	68.7	0.0	0.0	0.0	5.6
3	15.4	26.5	20.4	71.7	0.0	0.0	0.0	3.6
4	16.0	28.2	21.0	73.7	.4	0.0	.4	3.1
5	16.6	25.3	19.5	84.7	14.7	0.0	14.7	5.2
6	16.0	22.4	17.8	89.0	6.1	0.0	6.1	0.0
7	14.5	24.5	18.0	88.7	11.1	0.0	11.1	5.0
8	14.2	28.9	21.6	68.3	0.0	3.4	3.4	9.0
9	14.8	25.5	18.7	86.7	.2	.1	.3	3.1
10	14.8	25.5	18.0	85.3	23.2	.4	23.6	3.7
11	15.5	19.6	16.8	94.7	8.5	0.0	8.5	6.9
12	14.0	25.1	19.6	76.7	0.0	3.2	3.2	5.1
13	16.5	22.7	18.0	91.0	26.3	0.0	26.3	.9
14	14.5	24.6	18.2	86.3	4.5	0.0	4.5	2.9
15	14.4	24.7	20.0	82.7	0.0	0.0	0.0	8.4
16	15.0	25.8	18.8	82.7	23.0	0.0	23.0	4.9
17	14.0	26.0	20.6	75.3	0.0	0.0	0.0	5.9
18	16.0	27.5	21.3	76.7	0.0	0.0	0.0	6.3
19	15.5	26.2	21.0	79.7	0.0	0.0	0.0	4.7
20	16.9	28.2	21.1	77.7	0.0	0.0	0.0	3.8
21	16.0	28.0	20.8	80.0	1.0	1.5	2.5	5.5
22	16.5	23.7	18.8	88.0	.4	0.0	.4	4.4
23	15.0	27.1	21.0	76.7	0.0	0.0	0.0	8.5
24	16.0	24.9	19.8	85.0	4.5	0.0	4.5	2.1
25	15.0	23.9	19.2	86.0	.6	0.0	.6	.2
26	15.0	23.0	16.1	98.3	38.5	0.0	38.5	1.1
27	14.5	24.5	19.1	81.7	0.0	.7	.7	4.5
28	16.5	26.3	19.8	84.3	.1	0.0	.1	3.8
29	16.5	24.3	19.0	87.3	2.9	0.0	2.9	4.6
30	17.0	25.0	18.7	91.7	0.0	0.0	0.0	2.1
31	15.3	25.3	18.2	81.7	2.6	0.0	2.6	5.4
Total :					168.6	9.3	177.9	134.2
Promedio :	15.4	25.3	19.4	82.3				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	25.3	19.0	80.7	1.9	0.0	1.9	6.4
2	14.4	25.0	19.4	77.7	0.0	0.0	0.0	7.6
3	15.5	27.4	18.9	77.0	12.4	33.4	45.8	5.6
4	15.0	20.6	17.0	87.3	11.9	1.0	12.9	0.0
5	14.0	25.6	19.0	76.3	3.5	3.7	7.2	7.1
6	15.6	23.6	18.3	83.0	.5	42.0	42.5	2.9
7	15.0	21.5	17.0	88.7	1.0	12.3	13.3	.4
8	15.0	23.5	18.1	77.3	0.0	0.0	0.0	2.1
9	14.4	24.0	16.0	89.7	34.0	.5	34.5	2.9
10	14.7	24.0	18.8	80.0	0.0	0.0	0.0	3.1
11	15.9	25.2	19.0	78.7	28.1	0.0	28.1	3.6
12	14.2	25.5	17.9	82.7	61.0	.1	61.1	3.5
13	14.5	24.0	18.5	81.7	0.0	.3	.3	4.0
14	13.9	25.4	18.9	76.7	6.9	0.0	6.9	6.6
15	14.0	25.0	19.8	73.3	0.0	0.0	0.0	9.1
16	15.5	24.5	18.3	80.3	0.0	0.0	0.0	2.4
17	14.0	25.5	18.2	81.0	9.0	0.0	9.0	5.3
18	16.0	22.5	18.2	85.3	.5	2.5	3.0	1.3
19	15.7	23.7	18.4	81.3	0.0	0.0	0.0	4.3
20	15.5	25.0	19.0	76.7	.9	0.0	.9	6.6
21	12.8	25.0	19.1	65.3	0.0	0.0	0.0	9.8
22	13.5	26.0	20.2	71.3	0.0	0.0	0.0	7.2
23	16.0	26.6	20.7	74.0	1.0	0.0	1.0	9.0
24	15.9	24.4	18.6	80.3	.4	0.0	.4	3.3
25	16.6	22.1	18.2	89.0	29.9	1.7	31.6	2.3
26	14.5	22.0	17.8	81.0	0.0	0.0	0.0	2.3
27	15.2	25.0	19.6	74.0	0.0	0.0	0.0	7.9
28	14.4	27.2	19.1	77.3	1.1	0.0	1.1	8.3
29	15.0	25.7	20.0	70.3	0.0	0.0	0.0	7.8
30	14.8	27.2	20.4	70.3	0.0	0.0	0.0	5.6
31								
Total :					204.0	97.5	301.5	148.3
Promedio :	14.9	24.6	18.7	78.9				

Estación : LA TRINIDAD **Dpto. :** CAUCA **Latitud :** 2 ° 44 ' N
Año : 1997 **Mpio. :** PIENDAMO **Longitud :** 76 ° 34 ' W
Altitud : 1600 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	27.0	19.8	72.7	1.1	0.0	1.1	3.8
2	14.5	27.2	20.9	40.0	0.0	0.0	0.0	10.0
3	14.4	25.5	19.5	59.3	0.0	0.0	0.0	7.0
4	14.5	27.0	21.0	59.3	0.0	0.0	0.0	9.5
5	16.5	25.6	19.9	68.3	0.0	0.0	0.0	8.2
6	16.0	24.8	19.8	74.0	1.0	0.0	1.0	2.7
7	15.8	28.0	21.4	60.7	0.0	0.0	0.0	5.9
8	16.4	25.5	18.6	81.0	.5	0.0	.5	5.0
9	15.2	25.6	19.4	53.3	0.0	0.0	0.0	3.3
10	15.5	27.2	21.0	56.0	0.0	0.0	0.0	6.9
11	14.9	27.0	20.8	54.3	0.0	0.0	0.0	9.0
12	15.8	26.4	20.1	55.0	0.0	0.0	0.0	6.1
13	16.5	28.2	22.0	47.3	0.0	0.0	0.0	9.3
14	15.4	27.2	20.6	51.7	0.0	0.0	0.0	6.4
15	15.5	25.5	18.5	76.3	3.5	0.0	3.5	4.9
16	14.0	26.2	20.4	63.0	0.0	0.0	0.0	7.0
17	15.5	27.0	21.2	56.7	0.0	0.0	0.0	6.7
18	15.0	28.2	22.1	45.0	0.0	0.0	0.0	10.5
19	14.8	28.5	22.3	42.0	0.0	0.0	0.0	10.6
20	15.0	27.8	21.1	47.7	0.0	0.0	0.0	9.5
21	14.3	26.8	20.3	53.3	0.0	0.0	0.0	4.6
22	15.8	27.4	22.1	49.0	0.0	0.0	0.0	6.5
23	17.8	29.7	23.9	48.3	0.0	0.0	0.0	10.8
24	15.8	28.5	22.4	49.7	0.0	0.0	0.0	10.8
25	15.5	27.7	21.4	51.0	0.0	0.0	0.0	1.1
26	16.5	29.5	22.7	46.3	0.0	0.0	0.0	9.8
27	17.4	27.2	21.0	51.7	0.0	0.0	0.0	7.0
28	17.0	28.5	21.2	53.3	0.0	0.0	0.0	5.1
29	15.2	26.7	19.4	70.0	8.0	0.0	8.0	5.9
30	14.0	26.0	19.8	69.0	0.0	0.0	0.0	4.6
31	14.5	29.7	22.0	61.0	.2	0.0	.2	5.9
Total :					14.3	0.0	14.3	214.4
Promedio :	15.5	27.2	20.9	57.0				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.9	29.5	22.6	51.7	0.0	0.0	0.0	9.7
2	15.0	28.8	21.8	59.3	.1	0.0	.1	6.0
3	14.5	29.0	22.3	47.7	0.0	0.0	0.0	10.8
4	15.8	29.1	22.5	46.7	0.0	0.0	0.0	10.7
5	17.8	29.0	22.6	40.0	0.0	0.0	0.0	10.7
6	16.2	27.5	22.2	47.3	0.0	0.0	0.0	10.4
7	15.9	27.1	22.5	40.7	0.0	0.0	0.0	8.1
8	16.0	28.0	21.0	47.7	0.0	0.0	0.0	6.7
9	16.0	27.0	21.0	50.0	0.0	0.0	0.0	6.2
10	15.0	28.0	21.7	47.3	0.0	0.0	0.0	8.5
11	14.2	28.0	20.1	54.7	0.0	0.0	0.0	4.7
12	14.0	28.1	21.1	63.3	0.0	0.0	0.0	6.7
13	14.2	28.0	20.8	63.3	0.0	0.0	0.0	3.6
14	16.0	26.1	20.6	66.0	0.0	0.0	0.0	3.5
15	16.2	28.1	21.0	59.0	1.9	0.0	1.9	6.2
16	14.2	29.2	20.6	60.0	0.0	0.0	0.0	6.1
17	15.0	29.0	21.5	64.3	0.0	0.0	0.0	6.6
18	15.4	28.0	21.5	62.7	0.0	0.0	0.0	5.8
19	14.0	27.6	20.6	66.0	0.0	0.0	0.0	4.6
20	14.8	29.0	21.6	50.0	0.0	0.0	0.0	10.7
21	16.0	28.0	21.8	47.7	0.0	0.0	0.0	8.9
22	16.8	29.0	22.0	55.3	0.0	0.0	0.0	9.1
23	16.0	28.0	21.0	57.0	0.0	0.0	0.0	4.1
24	15.9	30.0	22.7	47.0	0.0	0.0	0.0	7.3
25	14.5	32.0	23.0	61.3	0.0	0.0	0.0	7.7
26	16.4	29.0	22.4	55.7	0.0	0.0	0.0	5.1
27	19.0	28.0	22.2	49.3	0.0	0.0	0.0	6.9
28	16.0	26.2	20.1	41.0	0.0	0.0	0.0	7.0
29	15.8	29.2	22.1	44.3	0.0	0.0	0.0	10.4
30	14.8	29.1	22.0	56.3	0.0	0.0	0.0	7.2
31	14.6	28.4	20.0	70.0	2.2	0.0	2.2	4.7
Total :					4.2	0.0	4.2	224.7
Promedio :	15.5	28.4	21.6	54.0				

Estación : LA TRINIDAD
Año : 1997

Dpto. : CAUCA
Mpio. : PIENDAMO

Latitud : 2 ° 44 ' N
Longitud : 76 ° 34 ' W
Altitud : 1600 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	26.0	20.6	67.0	0.0	0.0	0.0	
2	16.1	23.1	18.8	85.0	5.0	0.0	5.0	
3	15.0	25.0	20.0	72.0	1.0	0.0	1.0	
4	14.8	27.1	19.8	67.0	.5	0.0	.5	
5	14.4	29.0	21.0	66.3	0.0	15.0	15.0	
6	13.1	25.1	16.6	76.7	9.0	0.0	9.0	
7	14.4	23.1	18.9	82.7	0.0	0.0	0.0	
8	14.1	24.0	18.3	80.7	0.0	3.0	3.0	
9	15.1	26.1	20.6	67.3	0.0	0.0	0.0	
10	15.0	29.1	21.8	69.0	.5	0.0	.5	
11	15.1	27.1	20.5	73.7	0.0	0.0	0.0	
12	14.0	28.1	22.2	55.0	0.0	0.0	0.0	
13	14.1	29.1	20.9	62.7	0.0	0.0	0.0	
14	13.1	28.0	20.3	62.3	0.0	0.0	0.0	
15	13.1	29.0	22.0	57.7	0.0	0.0	0.0	
16	15.0	30.1	23.2	48.0	0.0	0.0	0.0	
17	15.1	27.0	22.0	53.0	0.0	0.0	0.0	
18	14.0	28.0	21.2	51.7	0.0	0.0	0.0	
19	14.0	28.0	19.8	73.7	0.0	0.0	0.0	
20	15.1	25.0	19.8	76.7	0.0	0.0	0.0	
21	15.1	26.1	20.1	74.7	0.0	10.0	10.0	
22	15.1	23.0	18.8	82.3	0.0	23.0	23.0	
23	14.1	23.1	18.1	81.7	8.5	15.0	23.5	
24	14.0	26.1	18.4	78.3	61.0	5.0	66.0	
25	13.1	27.1	19.4	76.3	0.0	0.0	0.0	
26	15.0	25.1	19.5	80.7	2.0	0.0	2.0	
27	15.1	29.2	21.0	67.3	0.0	0.0	0.0	
28	14.0	26.1	20.0	76.0	0.0	0.0	0.0	
29	13.1	28.0	21.3	59.3	0.0	0.0	0.0	
30	13.0	27.1	21.0	56.7	0.0	0.0	0.0	
31								
Total :					87.5	71.0	158.5	
Promedio :	14.4	26.6	20.2	69.4				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	27.1	21.1	61.7	0.0	0.0	0.0	8.4
2	15.0	27.7	20.2	76.3	0.0	13.9	13.9	4.8
3	15.1	22.1	18.5	86.0	0.0	0.0	0.0	0.0
4	15.2	27.2	20.6	70.0	4.6	0.0	4.6	6.0
5	16.0	24.1	19.6	80.3	0.0	0.0	0.0	4.7
6	15.2	25.8	19.8	72.7	0.0	0.0	0.0	7.2
7	14.0	28.1	21.2	54.3	0.0	0.0	0.0	9.9
8	14.2	27.1	21.5	55.0	0.0	0.0	0.0	6.5
9	14.9	27.4	20.6	66.3	0.0	20.3	20.3	7.9
10	16.0	26.7	20.2	77.0	0.0	.5	.5	6.3
11	16.7	26.0	19.6	81.7	2.6	19.5	22.1	6.1
12	15.0	27.1	21.1	67.3	0.0	42.6	42.6	8.8
13	15.1	25.4	18.4	80.7	27.8	0.0	27.8	4.5
14	15.8	25.0	20.3	72.0	0.0	0.0	0.0	5.8
15	14.5	26.2	18.0	77.0	21.7	5.4	27.1	5.8
16	15.0	25.8	18.3	73.0	5.1	.5	5.6	0.0
17	14.8	23.8	19.0	72.3	0.0	4.5	4.5	0.0
18	14.9	23.2	18.2	82.0	0.0	1.9	1.9	3.0
19	15.8	24.1	19.3	82.7	0.0	0.0	0.0	5.0
20	15.2	26.1	20.2	71.7	0.0	.5	.5	5.8
21	16.0	22.1	17.8	88.0	13.4	0.0	13.4	.9
22	14.5	22.6	19.0	74.7	0.0	0.0	0.0	3.6
23	14.8	26.0	20.0	75.3	0.0	0.0	0.0	5.6
24	15.9	28.0	21.7	70.3	6.8	0.0	6.8	6.6
25	15.9	25.6	20.6	79.0	0.0	0.0	0.0	2.3
26	16.2	27.7	21.2	72.7	0.0	0.0	0.0	4.8
27	17.8	24.1	19.2	91.0	4.9	0.0	4.9	2.4
28	15.1	24.1	19.0	87.0	1.0	5.0	6.0	2.5
29	15.0	25.0	19.6	78.0	.1	0.0	.1	6.4
30	16.0	27.0	19.3	77.0	.4	.5	.9	7.4
31	16.0	27.0	19.3	89.0	1.0	0.0	1.0	4.8
Total :					89.4	115.1	204.5	153.8
Promedio :	15.3	25.7	19.8	75.5				

Estación : LA TRINIDAD
Año : 1997

Dpto. : CAUCA
Mpio. : PIENDAMO

Latitud : 2 ° 44 ' N
Longitud : 76 ° 34 ' W
Altitud : 1600 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.1	25.0	19.7	84.3	1.0	0.0	1.0	
2	14.1	27.4	20.4	75.3	0.0	10.0	10.0	
3	15.4	26.2	18.9	85.7	4.0	0.0	4.0	
4	15.8	23.6	18.4	86.3	29.0	0.0	29.0	
5	15.8	26.0	19.8	82.3	40.0	0.0	40.0	
6	15.0	24.4	20.0	80.3	0.0	0.0	0.0	
7	16.6	24.2	19.1	83.7	25.0	12.0	37.0	
8	16.2	22.6	17.1	94.7	4.0	27.0	31.0	
9	15.4	22.8	17.8	89.3	2.0	0.0	2.0	
10	16.0	23.4	18.8	85.0	0.0	1.0	1.0	
11	15.8	23.6	18.9	85.3	4.0	13.0	17.0	
12	16.0	23.2	17.2	93.7	19.0	1.0	20.0	
13	15.6	23.8	18.5	83.7	0.0	0.0	0.0	
14	15.0	23.0	17.9	78.7	0.0	13.0	13.0	
15	14.4	22.6	16.8	94.7	3.0	15.0	18.0	
16	14.4	24.6	19.4	76.0	0.0	24.0	24.0	
17	15.6	23.0	17.8	90.0	0.0	0.0	0.0	
18	15.2	25.8	20.0	77.3	0.0	0.0	0.0	
19	15.0	25.0	18.7	75.3	21.0	0.0	21.0	
20	15.4	24.4	17.6	83.0	23.0	0.0	23.0	
21	15.0	24.6	19.8	80.7	0.0	0.0	0.0	
22	15.4	27.0	20.3	75.0	1.0	0.0	1.0	
23	15.2	26.8	21.6	71.3	0.0	0.0	0.0	
24	17.0	22.8	18.2	90.3	15.0	12.0	27.0	
25	16.0	23.0	17.3	87.3	36.0	4.0	40.0	
26	15.6	22.8	17.5	89.0	16.0	0.0	16.0	
27	14.2	24.0	19.5	74.7	0.0	0.0	0.0	
28	15.0	26.2	20.8	70.7	0.0	0.0	0.0	
29	16.0	26.8	20.0	76.0	19.0	11.0	30.0	
30	13.8	24.8	18.4	80.0	0.0	0.0	0.0	
31								
Total :					262.0	143.0	405.0	
Promedio :	15.4	24.4	18.9	82.7				

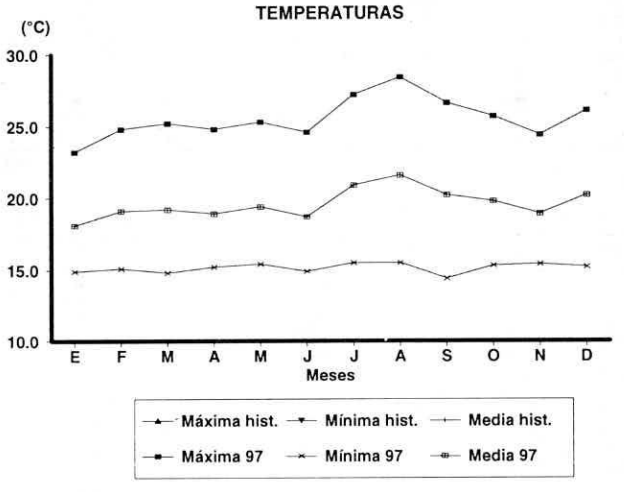
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	25.8	18.9	78.0	.3	33.1	33.4	7.4
2	15.6	23.4	18.1	87.7	2.5	.6	3.1	2.5
3	14.8	25.6	19.9	77.3	0.0	0.0	0.0	8.4
4	15.0	26.4	21.0	73.0	0.0	0.0	0.0	10.4
5	15.4	26.6	20.9	76.7	0.0	0.0	0.0	7.7
6	15.8	28.2	22.2	69.7	.9	0.0	.9	9.0
7	15.0	28.4	21.4	74.3	0.0	0.0	0.0	9.8
8	16.4	26.2	21.3	67.0	0.0	0.0	0.0	4.8
9	14.4	25.6	19.8	71.3	.2	0.0	.2	6.2
10	15.6	27.2	20.3	73.7	1.0	0.0	1.0	8.3
11	15.8	27.0	20.2	78.7	0.0	0.0	0.0	5.3
12	14.4	26.6	19.4	80.0	.3	0.0	.3	6.7
13	15.2	25.0	19.4	79.0	1.5	0.0	1.5	4.0
14	15.8	25.2	18.8	83.3	2.3	.6	2.9	3.5
15	15.6	23.6	18.8	82.3	.9	0.0	.9	1.3
16	15.0	24.2	18.2	86.3	13.1	0.0	13.1	3.2
17	16.2	25.0	20.8	77.3	0.0	0.0	0.0	4.7
18	14.2	25.2	19.3	75.7	0.0	0.0	0.0	7.9
19	15.2	25.8	20.4	72.0	0.0	0.0	0.0	8.5
20	15.0	26.8	19.7	74.7	0.0	0.0	0.0	7.0
21	15.1	25.6	19.0	80.7	13.4	0.0	13.4	4.1
22	14.8	26.6	22.0	61.7	0.0	0.0	0.0	8.6
23	14.8	28.4	22.5	48.7	0.0	0.0	0.0	9.8
24	14.2	26.4	21.0	68.3	0.0	0.0	0.0	6.8
25	14.8	27.4	21.3	70.3	0.0	0.0	0.0	5.7
26	14.6	27.2	21.1	62.3	0.0	0.0	0.0	8.1
27	14.2	26.0	20.8	74.3	0.0	0.0	0.0	3.8
28	15.6	26.8	19.5	72.3	0.0	0.0	0.0	7.1
29	14.2	27.4	19.6	70.7	2.0	0.0	2.0	6.8
30	15.2	25.4	20.8	72.7	0.0	0.0	0.0	4.3
31	16.8	23.2	19.2	84.7	0.0	0.0	0.0	.2
Total :					38.4	34.3	72.7	191.9
Promedio :	15.2	26.1	20.2	74.3				

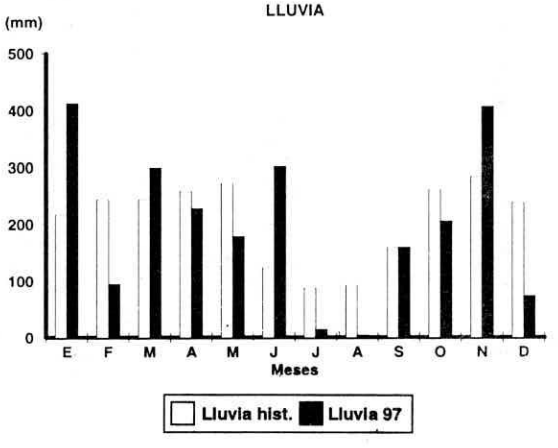
Estación : LA TRINIDAD
Año : 1997

Dpto. : CAUCA
Mpio. : PIENDAMO

Latitud : 2 ° 44 'N
Longitud : 76 ° 34 'W
Altitud : 1600 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	14.9	23.2	18.1	25.5	13.0	85.2	412.1	27	99.6
Febrero	15.1	24.8	19.1	27.7	13.9	82.0	94.3	16	119.5
Marzo	14.8	25.2	19.2	29.5	12.0	79.7	299.3	18	134.4
Abril	15.2	24.8	18.9	28.2	13.0	83.0	227.3	26	100.0
Mayo	15.4	25.3	19.4	28.9	14.0	82.3	177.9	21	134.2
Junio	14.9	24.6	18.7	27.4	12.8	78.9	301.5	18	148.3
Julio	15.5	27.2	20.9	29.7	14.0	57.0	14.3	6	214.4
Agosto	15.5	28.4	21.6	32.0	14.0	54.0	4.2	3	224.7
Septiembre	14.4	26.6	20.2	30.1	13.0	69.4	158.5	12	
Octubre	15.3	25.7	19.8	28.1	14.0	75.5	204.5	19	153.8
Noviembre	15.4	24.4	18.9	27.4	13.8	82.7	405.0	21	
Diciembre	15.2	26.1	20.2	28.4	14.2	74.3	72.7	12	191.9
Promedio :	15.1	25.5	19.6			75.3			
Absoluta :				32.0	12.0				
Total :							2371.6	199	





Estación : MANUEL MEJIA | **Dpto. : CAUCA** | **Latitud : 2 ° 25 ' N**
Año : 1997 | **Mpio. : EL TAMBO** | **Longitud : 76 ° 45 ' W**
Altitud : 1700 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	22.0	17.5	84.7	23.2	4.6	27.8	1.1
2	15.3	22.2	17.9	87.3	11.9	2.2	14.1	3.6
3	15.5	23.0	18.0	85.7	15.8	.5	16.3	5.6
4	15.8	22.5	18.8	85.0	0.0	17.9	17.9	5.5
5	16.0	21.0	17.8	89.0	1.3	1.2	2.5	3.4
6	15.5	22.0	17.5	91.0	1.8	.3	2.1	3.4
7	16.0	22.5	18.2	85.0	1.9	0.0	1.9	5.0
8	15.5	23.5	19.1	84.7	.1	.3	.4	6.3
9	16.2	23.0	18.2	83.3	11.3	60.5	71.8	4.4
10	15.5	21.4	16.8	90.0	17.7	0.0	17.7	.2
11	14.5	21.5	17.0	87.7	1.5	4.4	5.9	2.8
12	14.7	22.6	18.1	85.3	0.0	4.3	4.3	3.9
13	14.5	24.0	18.0	80.3	0.0	0.0	0.0	5.1
14	13.5	24.1	18.2	82.7	.7	3.3	4.0	7.5
15	15.8	20.5	17.2	89.7	2.3	14.0	16.3	.8
16	15.0	22.0	17.8	85.3	1.3	2.9	4.2	3.3
17	15.1	22.1	18.0	85.0	1.9	10.7	12.6	2.4
18	15.3	22.5	18.0	85.0	17.6	16.4	34.0	3.2
19	16.0	23.0	18.1	85.3	35.9	4.0	39.9	3.0
20	15.0	20.5	17.5	89.0	1.2	14.4	15.6	.8
21	15.0	21.0	17.9	87.0	0.0	.3	.3	3.3
22	15.8	23.0	17.8	85.3	1.9	.8	2.7	4.6
23	15.5	23.2	17.7	85.3	9.3	.2	9.5	6.0
24	15.0	22.5	18.9	80.7	0.0	9.0	9.0	2.5
25	16.0	23.0	18.2	86.0	1.1	3.5	4.6	3.7
26	14.9	19.0	16.6	89.0	7.5	5.3	12.8	0.0
27	13.4	23.5	18.2	84.3	0.0	0.0	0.0	7.9
28	14.6	24.5	18.0	83.3	3.0	5.7	8.7	5.7
29	15.5	23.0	18.4	85.0	2.8	1.8	4.6	4.2
30	15.0	22.5	17.0	87.3	4.3	10.8	15.1	5.3
31	14.0	22.7	17.4	84.0	.6	0.0	.6	6.9
Total :					177.9	199.3	377.2	121.4
Promedio :	15.2	22.4	17.9	85.7				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	22.6	17.6	85.7	0.0	.9	.9	4.3
2	15.0	23.8	19.0	79.7	0.0	.8	.8	7.9
3	13.8	24.5	18.8	80.7	0.0	0.0	0.0	6.2
4	15.5	21.0	17.6	86.0	1.0	70.1	71.1	2.5
5	15.0	21.5	16.8	90.3	6.8	1.7	8.5	2.5
6	14.5	23.0	17.7	83.3	29.4	7.4	36.8	6.1
7	15.5	22.6	17.3	85.7	23.3	1.7	25.0	4.5
8	15.0	21.0	17.4	88.0	0.0	0.0	0.0	2.1
9	14.5	22.0	17.4	85.0	.5	0.0	.5	3.1
10	15.5	22.5	17.7	86.3	1.8	0.0	1.8	1.7
11	16.0	21.5	17.9	88.0	.3	0.0	.3	1.2
12	16.0	22.0	18.0	83.7	1.6	0.0	1.6	2.3
13	14.5	25.0	19.7	75.7	0.0	0.0	0.0	7.4
14	15.0	23.8	19.2	80.0	0.0	0.0	0.0	6.8
15	17.0	24.0	19.4	83.3	0.0	6.4	6.4	2.0
16	16.5	21.9	18.5	84.0	1.1	0.0	1.1	.7
17	14.9	23.5	19.1	79.3	0.0	6.3	6.3	6.7
18	16.5	24.8	19.3	78.3	0.0	0.0	0.0	5.8
19	16.0	24.0	20.0	82.0	0.0	0.0	0.0	8.2
20	15.0	24.9	19.6	72.0	0.0	0.0	0.0	7.7
21	15.0	25.0	19.6	80.7	0.0	0.0	0.0	7.4
22	14.8	25.5	19.9	76.3	0.0	0.0	0.0	6.8
23	17.0	23.0	19.4	85.7	0.0	0.0	0.0	3.1
24	14.8	26.0	20.6	77.0	0.0	0.0	0.0	4.8
25	16.0	25.2	20.0	80.3	.5	0.0	.5	4.4
26	15.0	24.0	18.6	88.7	0.0	0.0	0.0	2.6
27	14.9	23.5	19.0	84.3	0.0	0.0	0.0	4.0
28	14.2	27.0	20.2	68.7	0.0	0.0	0.0	8.3
29								
30								
31								
Total :					66.3	95.3	161.6	131.1
Promedio :	15.3	23.5	18.8	82.1				

Estación : MANUEL MEJIA **Dpto. : CAUCA** **Latitud : 2 ° 25' N**
Año : 1997 **Mpio. : EL TAMBO** **Longitud : 76 ° 45' W**
Altitud : 1700 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.5	24.5	19.2	78.0	.3	.7	1.0	3.9
2	16.5	25.5	19.4	84.3	1.8	33.4	35.2	7.4
3	16.3	24.5	20.2	84.3	3.0	28.4	31.4	7.8
4	16.0	25.3	19.6	82.7	7.4	8.8	16.2	6.7
5	15.5	24.9	19.1	80.3	0.0	0.0	0.0	5.3
6	12.0	25.5	19.2	72.3	0.0	0.0	0.0	10.3
7	10.5	26.4	19.2	68.7	0.0	0.0	0.0	9.5
8	12.0	24.9	19.2	77.0	0.0	0.0	0.0	10.0
9	16.5	24.5	19.5	84.0	0.0	0.0	0.0	3.8
10	17.5	27.0	21.9	68.7	0.0	0.0	0.0	8.3
11	15.0	24.5	18.8	87.0	1.9	0.0	1.9	4.3
12	16.5	25.5	20.6	77.3	0.0	0.0	0.0	8.1
13	15.5	20.0	17.6	90.7	.6	0.0	.6	0.0
14	12.5	26.5	20.2	76.0	0.0	0.0	0.0	8.8
15	17.0	26.9	19.8	77.7	2.4	0.0	2.4	5.9
16	16.5	25.0	19.4	83.3	5.4	12.2	17.6	5.7
17	16.6	23.5	17.8	82.7	29.9	2.2	32.1	1.1
18	15.8	23.5	18.2	85.0	27.3	6.8	34.1	.9
19	15.0	22.0	18.2	83.0	3.9	.5	4.4	.3
20	15.0	23.8	18.6	77.7	0.0	0.0	0.0	8.9
21	14.9	24.0	18.0	78.7	2.1	0.0	2.1	4.3
22	10.0	24.5	17.7	69.0	0.0	0.0	0.0	9.7
23	12.8	24.8	18.7	78.7	0.0	0.0	0.0	7.6
24	12.5	25.5	20.4	74.3	0.0	14.6	14.6	8.6
25	15.4	25.0	19.8	75.7	0.0	0.0	0.0	8.3
26	13.0	24.5	19.2	75.7	0.0	0.0	0.0	8.2
27	12.0	23.5	17.6	83.7	0.0	0.0	0.0	6.0
28	15.2	25.0	19.6	71.0	0.0	.6	.6	9.0
29	15.5	25.0	18.6	80.0	.2	23.3	23.5	6.4
30	15.0	24.8	18.2	81.7	42.7	0.0	42.7	5.9
31	15.9	25.5	18.8	81.7	8.4	0.0	8.4	4.7
Total :					137.3	131.5	268.8	195.7
Promedio :	14.6	24.7	19.1	79.1				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	25.0	18.9	82.0	0.0	29.9	29.9	6.3
2	15.5	24.9	19.8	82.3	1.0	0.0	1.0	3.4
3	16.0	23.5	19.7	83.7	0.0	0.0	0.0	5.2
4	15.0	24.9	19.4	80.3	0.0	0.0	0.0	7.7
5	15.1	24.0	19.8	83.0	0.0	0.0	0.0	6.8
6	15.0	24.5	19.5	84.7	0.0	1.2	1.2	4.1
7	16.0	25.0	20.3	79.3	.2	0.0	.2	7.8
8	15.8	24.0	18.0	85.0	12.1	0.0	12.1	3.7
9	16.2	24.0	19.0	86.0	1.9	0.0	1.9	6.9
10	16.0	25.5	19.4	84.0	1.2	0.0	1.2	6.3
11	16.8	24.9	19.2	86.7	.3	0.0	.3	5.0
12	17.1	24.5	20.1	82.0	0.0	0.0	0.0	3.0
13	14.8	26.0	19.4	79.3	4.2	.2	4.4	7.4
14	15.0	25.0	19.4	82.3	0.0	0.0	0.0	5.7
15	16.0	25.0	19.6	79.0	0.0	0.0	0.0	5.0
16	14.0	26.2	20.3	81.7	0.0	0.0	0.0	8.3
17	14.5	23.5	19.2	81.3	.2	0.0	.2	1.2
18	16.0	22.5	19.4	85.7	5.4	0.0	5.4	1.2
19	14.0	22.0	18.4	85.3	.2	41.8	42.0	2.4
20	14.9	20.5	16.7	92.7	3.9	.4	4.3	1.0
21	15.0	20.1	17.3	94.0	1.9	.3	2.2	.4
22	15.7	24.0	18.2	82.0	1.9	11.2	13.1	3.7
23	14.2	23.5	18.6	82.0	4.4	49.3	53.7	5.3
24	15.0	24.0	19.1	76.3	0.0	10.2	10.2	7.1
25	14.5	21.5	16.8	90.7	3.2	0.0	3.2	1.5
26	13.0	23.9	17.4	84.7	3.8	17.6	21.4	4.8
27	15.0	22.5	17.9	90.3	.4	.1	.5	4.9
28	15.5	23.0	17.5	92.7	24.2	0.0	24.2	4.4
29	16.0	25.0	19.4	83.0	0.0	0.0	0.0	7.5
30	15.9	25.5	20.1	74.7	0.0	0.0	0.0	8.0
31								
Total :					70.4	162.2	232.6	146.0
Promedio :	15.3	23.9	18.9	83.9				

Estación : MANUEL MEJIA
Año : 1997

Dpto. : CAUCA
Mpio. : EL TAMBO

Latitud : 2 ° 25 ' N
Longitud : 76 ° 45 ' W
Altitud : 1700 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.5	23.8	19.1	71.0	0.0	0.0	0.0	4.7
2	15.0	25.5	19.0	82.3	0.0	0.0	0.0	4.9
3	17.5	26.0	21.2	64.0	0.0	0.0	0.0	6.6
4	17.0	25.5	20.3	72.0	0.0	0.0	0.0	4.2
5	15.5	26.0	21.0	70.7	0.0	0.0	0.0	7.3
6	15.5	23.0	17.6	90.3	10.8	0.0	10.8	1.6
7	13.0	25.5	18.7	85.7	5.5	0.0	5.5	5.5
8	12.5	26.5	20.4	73.0	0.0	0.0	0.0	10.5
9	14.0	24.0	19.9	76.0	0.0	0.0	0.0	4.8
10	16.0	23.0	18.6	85.3	0.0	0.0	0.0	2.2
11	15.8	20.0	16.2	95.0	14.2	0.0	14.2	.5
12	12.5	25.8	19.2	77.3	0.0	0.0	0.0	6.7
13	16.0	22.0	18.0	90.0	1.2	0.0	1.2	1.8
14	13.0	22.5	17.8	86.7	0.0	0.0	0.0	1.9
15	15.5	26.5	20.0	81.0	.4	0.0	.4	6.3
16	14.0	25.5	19.2	79.7	0.0	0.0	0.0	6.5
17	13.0	24.5	19.5	79.3	0.0	0.0	0.0	5.8
18	14.0	25.5	20.4	74.0	0.0	0.0	0.0	5.6
19	13.5	24.5	19.4	73.3	0.0	0.0	0.0	4.1
20	14.5	25.0	20.0	69.3	0.0	0.0	0.0	3.5
21	13.5	24.5	19.6	69.3	0.0	0.0	0.0	4.8
22	15.5	25.2	18.6	79.7	0.0	0.0	0.0	4.4
23	13.5	27.4	20.8	77.7	0.0	0.0	0.0	9.2
24	16.0	25.0	19.2	87.0	0.0	0.0	0.0	3.1
25	15.5	23.5	19.3	85.3	.2	0.0	.2	.6
26	16.0	20.0	17.0	93.7	18.4	1.3	19.7	.1
27	14.0	25.5	18.3	83.3	1.5	.5	2.0	3.4
28	16.0	26.0	19.7	81.7	0.0	.2	.2	6.0
29	16.5	24.5	19.9	80.7	0.0	0.0	0.0	7.0
30	16.0	23.0	17.3	92.3	1.2	0.0	1.2	1.9
31	15.0	23.5	17.7	89.3	0.0	0.0	0.0	3.2
Total :					53.4	2.0	55.4	138.7
Promedio :	14.8	24.5	19.1	80.5				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	24.0	18.2	91.7	1.3	0.0	1.3	4.0
2	13.0	26.0	19.4	79.7	.7	0.0	.7	6.8
3	13.5	26.4	19.7	77.3	0.0	27.8	27.8	7.3
4	15.0	22.0	17.0	93.3	33.6	.1	33.7	.2
5	14.0	25.0	19.0	82.7	0.0	23.1	23.1	9.2
6	15.5	23.0	17.8	86.0	4.0	6.4	10.4	1.0
7	15.0	21.5	17.0	93.3	1.4	9.4	10.8	.2
8	14.5	21.8	17.6	83.3	3.5	0.0	3.5	1.2
9	12.0	22.5	17.2	84.7	.5	.1	.6	4.2
10	14.5	24.0	19.0	82.3	9.4	1.1	10.5	3.8
11	15.5	24.0	18.6	87.0	.7	0.0	.7	3.5
12	14.5	25.0	18.1	81.3	0.0	0.0	0.0	4.1
13	14.4	23.0	17.3	90.3	.3	0.0	.3	2.3
14	14.0	24.5	18.4	75.7	0.0	0.0	0.0	4.5
15	13.0	25.0	19.0	79.0	0.0	1.4	1.4	3.9
16	15.0	24.0	18.8	85.0	4.9	0.0	4.9	2.3
17	13.0	23.5	19.0	81.7	0.0	0.0	0.0	4.2
18	15.5	22.5	18.2	88.7	1.0	1.4	2.4	1.1
19	16.0	22.9	18.2	90.3	0.0	0.0	0.0	.6
20	14.5	24.5	18.8	81.7	8.0	0.0	8.0	3.5
21	13.5	25.5	20.1	77.7	0.0	0.0	0.0	7.9
22	11.0	24.5	19.1	75.3	0.0	0.0	0.0	4.3
23	13.5	25.5	21.1	73.7	0.0	0.0	0.0	6.5
24	15.0	23.0	19.4	86.0	0.0	0.0	0.0	2.8
25	16.5	22.5	18.3	87.0	4.4	3.4	7.8	1.0
26	14.5	23.0	18.2	82.3	0.0	0.0	0.0	2.4
27	13.5	24.0	19.6	75.3	.1	17.5	17.6	2.8
28	15.0	25.0	20.1	78.3	0.0	0.0	0.0	6.6
29	13.0	25.0	19.3	78.3	0.0	0.0	0.0	6.4
30	14.0	27.0	19.5	72.7	0.0	.6	.6	4.2
31								
Total :					73.8	92.3	166.1	112.8
Promedio :	14.2	24.0	18.7	82.7				

Estación : MANUEL MEJIA | **Dpto. : CAUCA** | **Latitud : 2 ° 25 ' N**
Año : 1997 | **Mpio. : EL TAMBO** | **Longitud : 76 ° 45 ' W**
Altitud : 1700 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	25.5	19.6	75.7	.2	0.0	.2	6.0
2	12.5	27.0	19.4	61.3	0.0	0.0	0.0	9.9
3	12.8	24.0	19.7	55.3	0.0	0.0	0.0	5.6
4	15.5	25.2	20.2	59.3	0.0	0.0	0.0	9.1
5	17.0	25.0	21.2	58.7	0.0	0.0	0.0	3.6
6	15.0	23.5	18.8	79.0	0.0	0.0	0.0	3.9
7	14.5	26.5	21.6	58.3	0.0	0.0	0.0	8.2
8	15.5	26.5	20.6	63.3	0.0	0.0	0.0	6.3
9	14.5	23.0	19.1	68.0	0.0	0.0	0.0	.6
10	15.0	25.0	19.8	67.3	0.0	0.0	0.0	6.2
11	15.2	26.5	20.8	63.3	0.0	0.0	0.0	7.4
12	14.5	25.5	20.4	62.7	0.0	0.0	0.0	8.0
13	17.0	26.0	21.3	55.7	0.0	0.0	0.0	8.5
14	13.0	26.4	20.6	58.3	0.0	0.0	0.0	8.7
15	13.4	24.0	20.3	64.7	0.0	0.0	0.0	4.5
16	11.0	25.5	19.4	66.3	0.0	0.0	0.0	6.8
17	13.0	26.0	20.2	59.7	0.0	0.0	0.0	6.8
18	14.0	27.0	21.2	54.7	0.0	0.0	0.0	11.0
19	15.5	28.0	22.5	47.0	0.0	0.0	0.0	11.2
20	12.5	26.0	21.4	51.7	0.0	0.0	0.0	11.2
21	10.5	26.5	20.6	57.0	0.0	0.0	0.0	6.0
22	15.5	26.0	21.4	57.0	0.0	0.0	0.0	9.8
23	17.0	29.0	23.8	46.3	0.0	0.0	0.0	11.2
24	14.5	29.1	21.3	55.7	0.0	0.0	0.0	10.8
25	12.5	27.5	21.7	60.0	0.0	0.0	0.0	5.0
26	13.0	28.0	20.6	61.7	0.0	0.0	0.0	8.2
27	12.5	26.5	20.4	62.0	0.0	0.0	0.0	3.4
28	15.5	27.0	21.5	56.3	0.0	0.0	0.0	5.6
29	13.0	25.6	19.2	72.0	0.0	0.0	0.0	5.5
30	14.5	25.5	20.2	72.0	0.0	0.0	0.0	6.0
31	11.0	27.5	21.1	60.7	0.0	0.0	0.0	4.4
Total :					.2	0.0	.2	219.4
Promedio :	14.1	26.1	20.6	61.0				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.5	28.3	20.3	59.3	0.0	0.0	0.0	9.5
2	14.8	27.8	21.2	52.7	0.0	0.0	0.0	6.7
3	13.0	27.5	21.2	57.0	0.0	0.0	0.0	8.8
4	11.7	26.9	20.9	58.3	0.0	0.0	0.0	8.4
5	17.5	27.8	23.3	43.3	0.0	0.0	0.0	10.8
6	16.5	27.2	23.2	50.0	0.0	0.0	0.0	7.7
7	17.4	26.7	22.0	48.0	0.0	0.0	0.0	8.8
8	14.5	27.8	21.2	53.0	0.0	0.0	0.0	6.1
9	13.8	25.5	20.4	58.7	0.0	0.0	0.0	6.2
10	12.0	26.2	19.0	63.7	0.0	0.0	0.0	7.3
11	9.5	27.0	19.5	66.3	0.0	0.0	0.0	6.2
12	10.3	26.8	20.8	58.3	0.0	0.0	0.0	9.3
13	16.0	26.2	20.5	54.7	0.0	0.0	0.0	3.1
14	13.8	26.9	20.5	59.7	0.0	0.0	0.0	5.4
15	17.0	26.4	21.0	54.7	0.0	0.0	0.0	4.2
16	13.5	26.6	21.2	63.7	0.0	0.0	0.0	7.8
17	12.5	27.0	21.5	63.3	0.0	0.0	0.0	4.9
18	12.5	25.8	19.4	66.0	0.0	0.0	0.0	3.3
19	9.0	25.7	19.0	64.0	0.0	0.0	0.0	2.1
20	13.5	28.6	20.8	49.7	0.0	0.0	0.0	7.2
21	12.7	27.3	20.8	56.3	0.0	0.0	0.0	8.1
22	14.0	26.8	21.7	54.0	0.0	0.0	0.0	5.8
23	16.8	27.0	21.1	50.0	0.0	0.0	0.0	5.9
24	10.4	29.0	20.8	60.0	0.0	0.0	0.0	8.1
25	12.0	29.9	22.2	60.0	0.0	0.0	0.0	8.3
26	14.5	28.0	21.7	60.7	0.0	0.0	0.0	6.6
27	16.0	27.0	22.6	46.7	0.0	0.0	0.0	7.5
28	17.2	26.5	21.2	46.3	0.0	0.0	0.0	6.8
29	13.4	28.0	21.6	44.0	0.0	0.0	0.0	10.0
30	9.0	28.0	20.1	66.0	0.0	0.0	0.0	8.0
31	11.5	27.5	20.0	69.7	0.0	0.0	0.0	5.3
Total :					0.0	0.0	0.0	214.2
Promedio :	13.5	27.2	21.0	56.7				

Estación : MANUEL MEJIA | **Dpto. : CAUCA** | **Latitud : 2 ° 25 ' N**
Año : 1997 | **Mpio. : EL TAMBO** | **Longitud : 76 ° 45 ' W**
Altitud : 1700 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	26.0	19.8	70.0	0.0	.4	.4	.5
2	15.5	24.5	19.8	75.3	.5	0.0	.5	.6
3	14.0	25.0	18.6	78.0	.4	0.0	.4	2.7
4	12.0	27.5	19.8	69.7	0.0	0.0	0.0	6.9
5	13.0	28.5	21.0	68.0	0.0	2.3	2.3	7.2
6	13.9	25.5	19.2	75.3	0.0	0.0	0.0	3.4
7	13.5	25.0	18.7	84.0	2.5	0.0	2.5	2.8
8	14.0	24.0	18.5	83.3	.2	.4	.6	2.0
9	14.5	27.5	21.3	65.0	0.0	0.0	0.0	6.9
10	12.5	29.5	22.5	70.7	0.0	5.4	5.4	8.6
11	12.5	27.5	20.6	62.3	0.0	0.0	0.0	4.7
12	14.0	27.5	23.1	50.0	0.0	0.0	0.0	3.3
13	13.5	26.5	21.5	58.7	0.0	0.0	0.0	4.3
14	10.5	27.0	20.6	59.0	0.0	0.0	0.0	6.2
15	11.5	29.0	21.2	56.7	0.0	0.0	0.0	8.2
16	14.0	28.0	22.8	53.0	0.0	0.0	0.0	7.5
17	16.5	26.0	21.2	51.7	0.0	0.0	0.0	2.4
18	12.5	28.5	22.2	52.0	0.0	0.0	0.0	6.8
19	13.8	28.0	18.9	75.0	1.6	0.0	1.6	4.7
20	15.5	26.5	19.4	75.0	0.0	0.0	0.0	3.9
21	16.0	24.5	19.8	79.7	0.0	.4	.4	2.6
22	16.5	24.0	18.4	88.3	19.2	21.2	40.4	2.1
23	15.1	22.0	18.6	82.3	0.0	14.2	14.2	.3
24	15.0	25.5	18.8	79.0	11.0	31.9	42.9	2.5
25	14.8	26.5	19.2	78.3	0.0	0.0	0.0	5.4
26	16.5	26.0	20.2	81.3	0.0	0.0	0.0	2.9
27	16.0	25.5	20.4	73.3	0.0	0.0	0.0	3.7
28	15.0	24.0	18.6	72.0	0.0	0.0	0.0	.2
29	11.0	28.0	20.0	58.0	0.0	0.0	0.0	9.7
30	10.5	26.5	19.8	65.7	0.0	0.0	0.0	1.9
31								
Total :					35.4	76.2	111.6	124.9
Promedio :	13.9	26.3	20.2	69.7				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	27.5	21.0	70.3	0.0	0.0	0.0	7.4
2	12.8	26.5	21.0	71.3	0.0	0.0	0.0	6.7
3	14.0	24.5	19.5	78.7	0.0	0.0	0.0	.4
4	15.0	28.0	20.7	70.3	0.0	0.0	0.0	7.5
5	15.5	24.0	19.0	81.3	0.0	0.0	0.0	4.0
6	12.0	24.5	19.5	60.0	0.0	0.0	0.0	5.0
7	11.5	27.5	20.9	55.0	0.0	0.0	0.0	6.6
8	11.8	27.0	21.0	55.3	0.0	0.0	0.0	6.2
9	11.5	27.5	19.5	72.3	0.0	0.0	0.0	8.1
10	16.0	27.9	19.3	73.0	0.0	6.2	6.2	7.2
11	15.5	26.5	19.0	80.0	.4	29.6	30.0	6.6
12	15.0	26.0	20.9	75.3	0.0	53.8	53.8	8.7
13	14.5	23.0	19.1	78.7	0.0	0.0	0.0	5.1
14	15.5	26.0	20.1	70.0	0.0	1.7	1.7	7.5
15	14.5	25.0	18.3	80.0	.4	2.5	2.9	6.5
16	15.5	24.5	18.4	77.3	0.0	.1	.1	3.9
17	15.0	24.0	18.6	79.0	2.5	2.5	5.0	2.2
18	14.0	22.5	18.1	81.0	1.2	5.7	6.9	3.4
19	15.5	22.0	19.2	88.7	0.0	0.0	0.0	.9
20	14.5	25.5	18.4	84.7	.5	0.0	.5	4.8
21	16.0	23.0	17.8	84.7	26.8	0.0	26.8	3.8
22	16.0	23.5	19.4	77.3	0.0	0.0	0.0	3.0
23	14.5	26.5	19.8	77.0	0.0	0.0	0.0	6.8
24	15.0	27.0	21.4	77.0	0.0	0.0	0.0	8.5
25	17.0	25.5	20.8	79.0	0.0	0.0	0.0	3.4
26	16.5	26.0	21.8	74.7	0.0	0.0	0.0	7.0
27	17.0	24.5	19.8	82.3	0.0	.4	.4	3.4
28	16.6	23.0	18.9	84.3	0.0	0.0	0.0	4.3
29	16.0	26.0	19.8	81.7	0.0	1.0	1.0	4.9
30	16.0	25.8	20.0	79.7	0.0	.3	.3	7.4
31	17.0	26.5	20.1	81.3	.1	8.5	8.6	7.0
Total :					31.9	112.3	144.2	168.2
Promedio :	14.8	25.4	19.7	76.2				

Estación : MANUEL MEJIA
Año : 1997

Dpto. : CAUCA
Mpio. : EL TAMBO

Latitud : 2 ° 25 ' N
Longitud : 76 ° 45 ' W
Altitud : 1700 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	25.0	19.4	88.3	0.0	0.0	0.0	3.5
2	14.8	27.5	21.3	69.0	0.0	.8	.8	8.4
3	16.0	24.5	19.4	83.7	2.7	0.0	2.7	3.6
4	15.5	24.8	18.6	87.3	46.0	0.0	46.0	1.4
5	16.5	25.0	19.8	85.3	0.0	0.0	0.0	5.0
6	17.0	26.6	20.6	80.7	0.0	12.9	12.9	9.4
7	16.5	22.0	18.8	88.7	3.5	34.2	37.7	.8
8	17.0	20.5	18.2	90.3	.3	21.0	21.3	.1
9	15.5	22.5	19.0	87.3	1.0	0.0	1.0	2.6
10	16.0	23.0	18.6	84.7	4.4	11.2	15.6	1.9
11	16.5	23.7	18.6	90.0	1.0	22.3	23.3	2.6
12	15.5	21.5	17.4	87.0	2.3	.5	2.8	3.9
13	15.2	24.0	18.3	81.3	1.2	11.2	12.4	6.3
14	14.5	22.5	17.4	89.3	5.7	.6	6.3	1.6
15	14.0	22.8	17.4	85.7	4.8	0.0	4.8	3.9
16	13.4	23.0	18.4	80.7	0.0	.7	.7	5.2
17	16.5	22.0	18.2	91.0	1.7	6.2	7.9	3.1
18	14.5	24.5	19.6	82.7	0.0	0.0	0.0	7.9
19	16.0	25.2	18.8	81.0	0.0	17.2	17.2	5.8
20	14.5	25.4	18.8	82.7	0.0	14.0	14.0	7.3
21	16.0	25.0	19.8	83.0	8.0	0.0	8.0	5.4
22	16.1	24.5	20.5	86.7	0.0	0.0	0.0	8.2
23	16.5	25.0	20.2	79.3	0.0	0.0	0.0	5.9
24	16.9	21.0	18.0	93.7	3.2	15.4	18.6	.3
25	16.0	20.3	17.8	89.3	.2	.1	.3	1.3
26	15.8	22.2	17.9	86.3	4.3	0.0	4.3	2.0
27	15.0	25.8	19.5	73.3	0.0	0.0	0.0	4.3
28	13.5	26.2	20.1	82.0	.1	0.0	.1	7.5
29	17.0	24.0	19.7	88.3	0.0	.5	.5	5.9
30	14.0	25.1	18.4	79.0	.1	0.0	.1	6.3
31								
Total :					90.5	168.8	259.3	131.4
Promedio :	15.6	23.8	19.0	84.6				

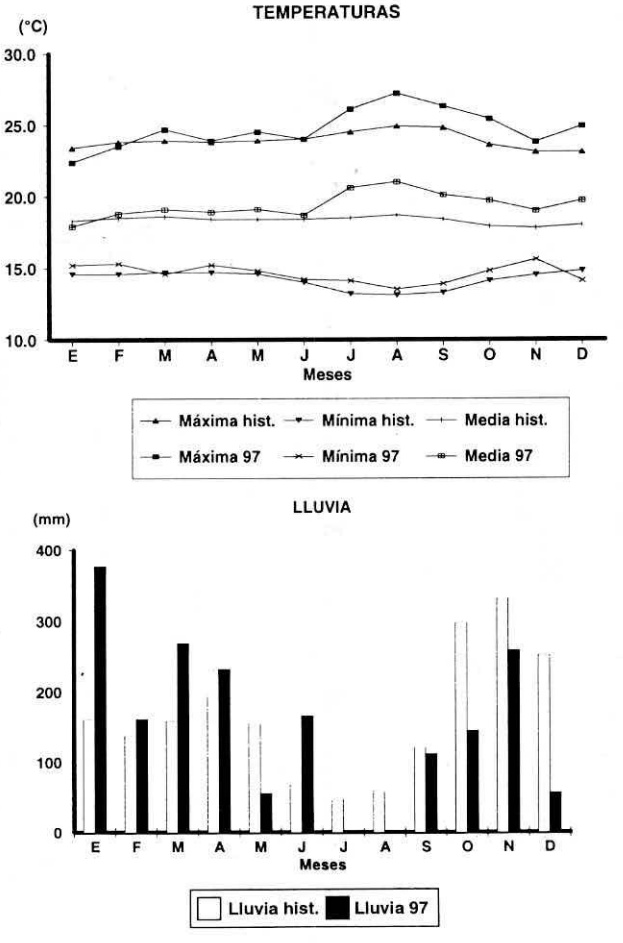
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.2	24.5	19.4	83.0	0.0	16.0	16.0	7.2
2	15.5	23.0	18.0	92.7	4.0	1.0	5.0	3.2
3	15.0	24.5	18.9	84.7	0.0	0.0	0.0	8.7
4	14.5	25.0	19.0	80.3	0.0	0.0	0.0	9.4
5	15.0	26.0	21.0	72.3	0.0	0.0	0.0	8.3
6	13.0	26.2	21.2	71.3	0.0	0.0	0.0	9.7
7	12.0	26.0	20.1	71.0	0.0	0.0	0.0	6.1
8	13.5	24.0	20.6	69.3	0.0	0.0	0.0	2.2
9	13.0	24.5	19.6	82.7	0.0	0.0	0.0	7.3
10	13.5	25.5	20.0	78.7	0.0	0.0	0.0	8.7
11	16.5	24.5	20.8	80.3	0.0	0.0	0.0	7.4
12	16.0	25.5	19.8	78.3	0.0	0.0	0.0	8.3
13	16.2	25.0	18.8	81.3	0.0	0.0	0.0	7.9
14	16.5	25.0	20.0	83.0	0.0	2.6	2.6	6.3
15	16.0	23.5	18.7	84.7	27.5	0.0	27.5	3.7
16	13.5	24.0	18.6	85.7	.6	0.0	.6	3.6
17	17.0	23.8	19.8	84.0	0.0	0.0	0.0	4.9
18	14.0	24.5	19.6	78.7	0.0	0.0	0.0	8.3
19	14.5	25.8	19.5	74.7	0.0	4.6	4.6	7.6
20	14.0	25.0	20.8	75.3	0.0	0.0	0.0	8.9
21	13.5	24.0	20.1	85.3	0.0	0.0	0.0	6.8
22	15.0	25.5	20.6	67.3	0.0	0.0	0.0	6.9
23	13.0	25.9	20.5	61.3	0.0	0.0	0.0	10.1
24	12.0	25.5	18.8	72.3	0.0	0.0	0.0	4.0
25	11.5	26.5	19.0	69.7	0.0	0.0	0.0	9.2
26	12.0	25.5	20.3	74.3	0.0	0.0	0.0	6.9
27	13.5	25.8	20.0	79.7	0.0	0.0	0.0	5.7
28	12.5	26.7	19.6	80.3	0.0	0.0	0.0	8.1
29	12.0	26.0	19.7	75.7	0.0	0.0	0.0	7.0
30	13.5	24.5	19.6	77.3	.1	0.0	.1	.7
31	16.5	21.0	18.2	90.0	0.0	0.0	0.0	.5
Total :					32.2	24.2	56.4	203.6
Promedio :	14.1	24.9	19.7	78.2				

Estación : MANUEL MEJIA
Año : 1997

Dpto. : CAUCA
Mpio. : EL TAMBO

Latitud : 2 ° 25 'N
Longitud : 76 ° 45 'W
Altitud : 1700 **m**

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.2	22.4	17.9	24.5	13.4	85.7	377.2	29	121.4
Febrero	15.3	23.5	18.8	27.0	13.8	82.1	161.6	14	131.1
Marzo	14.6	24.7	19.1	27.0	10.0	79.1	268.8	17	195.7
Abril	15.2	23.9	18.9	26.2	13.0	83.9	232.6	21	146.0
Mayo	14.8	24.5	19.1	27.4	12.5	80.5	55.4	10	138.7
Junio	14.2	24.0	18.7	27.0	11.0	82.7	166.1	19	112.8
Julio	14.1	26.1	20.6	29.1	10.5	61.0	.2	1	219.4
Agosto	13.5	27.2	21.0	29.9	9.0	56.7	0.0	0	214.2
Septiembre	13.9	26.3	20.1	29.5	10.5	69.7	111.6	12	124.9
Octubre	14.8	25.4	19.7	28.0	11.5	76.2	144.2	14	168.2
Noviembre	15.6	23.8	19.0	27.5	13.4	84.6	259.3	24	131.4
Diciembre	14.1	24.9	19.7	26.7	11.5	78.2	56.4	7	203.6
Promedio :	14.6	24.7	19.4			76.7			
Absoluta :				29.9	9.0				
Total :							1833.4	168	1907.4



Estación : PUEBLO BELLO
Año : 1997

Dpto. : CESAR
Mpio. : VALLEDUPAR

Latitud : 10 ° 25 ' N
Longitud : 73 ° 34 ' W
Altitud : 1000 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.5	26.5	20.0	75.7	0.0	0.0	0.0	7.5
2	13.8	26.0	19.6	77.3	0.0	0.0	0.0	6.9
3	12.7	25.0	18.5	78.3	0.0	0.0	0.0	8.3
4	12.1	26.0	18.9	73.0	0.0	0.0	0.0	7.6
5	12.0	27.7	19.4	75.7	0.0	0.0	0.0	7.1
6	12.5	25.7	18.8	81.0	0.0	0.0	0.0	7.1
7	11.8	27.8	19.3	77.7	9.1	0.0	9.1	6.8
8	14.7	25.5	19.4	82.0	2.7	0.0	2.7	6.6
9	13.0	26.8	19.4	77.3	0.0	0.0	0.0	7.4
10	14.2	26.0	19.5	80.0	0.0	0.0	0.0	7.2
11	16.2	26.0	20.8	80.3	0.0	0.0	0.0	5.9
12	16.0	26.5	19.6	79.0	0.0	0.0	0.0	5.7
13	15.5	26.8	20.0	78.0	.5	0.0	.5	7.3
14	13.0	26.4	19.8	77.0	0.0	0.0	0.0	8.0
15	13.0	27.0	20.7	72.3	0.0	0.0	0.0	8.5
16	12.6	26.5	18.8	74.7	0.0	0.0	0.0	8.3
17	12.5	26.1	18.6	70.0	0.0	0.0	0.0	8.5
18	11.0	26.2	19.0	71.3	0.0	0.0	0.0	8.1
19	12.5	27.0	18.6	73.3	0.0	0.0	0.0	8.3
20	11.8	26.5	18.6	72.0	0.0	0.0	0.0	8.7
21	11.5	26.6	17.6	71.3	0.0	0.0	0.0	8.5
22	11.4	26.0	18.0	73.0	0.0	0.0	0.0	8.5
23	11.0	26.1	19.2	64.0	0.0	0.0	0.0	8.3
24	12.0	25.2	18.0	73.0	0.0	0.0	0.0	6.9
25	10.8	26.7	18.8	71.3	0.0	0.0	0.0	6.7
26	12.2	26.0	18.8	66.7	0.0	0.0	0.0	8.4
27	10.8	27.6	19.1	69.0	0.0	0.0	0.0	8.5
28	12.0	27.4	20.2	70.0	0.0	0.0	0.0	8.5
29	12.1	27.0	20.1	67.0	0.0	0.0	0.0	8.6
30	12.2	27.8	18.9	73.0	0.0	0.0	0.0	7.2
31	12.0	27.7	19.4	74.0	0.0	0.0	0.0	7.8
Total :					12.3	0.0	12.3	237.7
Promedio :	12.6	26.5	19.2	74.1				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.9	26.3	18.9	75.7	0.0	0.0	0.0	8.3
2	13.9	26.6	21.2	67.7	0.0	0.0	0.0	8.0
3	13.1	28.0	18.2	80.0	7.6	0.0	7.6	6.1
4	13.8	26.0	19.6	83.0	0.0	.3	.3	5.9
5	14.0	26.5	19.9	79.0	0.0	0.0	0.0	5.3
6	13.1	25.9	19.8	74.0	0.0	0.0	0.0	5.6
7	13.5	27.8	19.2	78.0	15.0	0.0	15.0	5.9
8	13.2	26.8	20.8	74.7	0.0	0.0	0.0	6.4
9	14.1	26.0	20.9	71.7	0.0	0.0	0.0	5.7
10	14.8	26.1	20.6	70.0	0.0	0.0	0.0	3.1
11	15.0	26.2	19.1	80.7	65.5	.6	66.1	6.1
12	16.2	25.9	20.7	70.7	0.0	0.0	0.0	4.5
13	14.0	26.8	20.6	73.0	0.0	0.0	0.0	9.9
14	14.9	27.9	22.2	64.0	0.0	0.0	0.0	9.2
15	14.0	28.2	22.2	64.3	0.0	0.0	0.0	10.0
16	12.4	26.5	21.6	63.3	0.0	0.0	0.0	8.8
17	13.0	27.5	21.2	64.7	0.0	0.0	0.0	7.5
18	13.4	27.2	20.5	65.0	0.0	0.0	0.0	9.7
19	12.6	26.2	20.8	60.7	0.0	0.0	0.0	8.7
20	12.9	25.9	19.1	75.3	0.0	0.0	0.0	4.1
21	13.0	27.9	22.0	64.0	0.0	0.0	0.0	9.4
22	15.0	27.5	22.4	68.0	0.0	0.0	0.0	9.6
23	14.0	28.2	22.2	65.7	0.0	0.0	0.0	6.5
24	14.7	26.3	21.2	69.7	0.0	0.0	0.0	5.7
25	13.8	28.0	21.5	68.7	0.0	0.0	0.0	8.2
26	15.2	27.5	21.9	70.7	0.0	0.0	0.0	4.7
27	14.8	28.0	22.4	68.3	0.0	0.0	0.0	8.2
28	14.3	27.9	22.3	66.3	0.0	0.0	0.0	8.2
29								
30								
31								
Total :					88.1	.9	89.0	199.3
Promedio :	13.9	27.0	20.8	70.6				

Estación : PUEBLO BELLO **Dpto. :** CESAR **Latitud :** 10 ° 25 ' N
Año : 1997 **Mpio. :** VALLEDUPAR **Longitud :** 73 ° 34 ' W
Altitud : 1000 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.8	27.4	21.2	60.3	0.0	0.0	0.0	9.4
2	12.7	26.0	20.0	62.3	0.0	0.0	0.0	9.1
3	10.1	26.1	18.9	61.3	0.0	0.0	0.0	9.7
4	11.8	27.0	20.6	59.0	0.0	0.0	0.0	9.8
5	11.0	27.1	19.4	61.0	0.0	0.0	0.0	9.9
6	9.8	27.9	19.6	64.0	0.0	0.0	0.0	9.3
7	12.1	29.1	20.4	63.7	0.0	0.0	0.0	10.0
8	12.0	27.2	20.6	66.0	0.0	0.0	0.0	10.0
9	10.3	28.4	20.8	63.0	0.0	0.0	0.0	9.9
10	15.0	28.0	22.6	64.3	0.0	0.0	0.0	7.2
11	15.2	28.2	21.9	67.7	0.0	0.0	0.0	7.4
12	15.5	27.7	21.3	77.7	0.0	0.0	0.0	5.4
13	16.0	28.4	22.2	75.0	0.0	0.0	0.0	7.0
14	15.9	28.8	22.8	77.0	.2	0.0	.2	5.7
15	16.1	28.8	23.2	68.3	0.0	0.0	0.0	5.8
16	16.0	27.9	21.6	71.7	0.0	0.0	0.0	7.7
17	15.0	26.5	21.0	67.7	0.0	0.0	0.0	6.0
18	16.0	25.8	21.1	81.3	.3	0.0	.3	3.9
19	16.2	26.1	21.1	74.3	0.0	0.0	0.0	4.8
20	14.2	25.7	20.9	62.7	0.0	0.0	0.0	4.9
21	16.1	25.9	21.0	64.3	0.0	0.0	0.0	4.5
22	14.3	23.5	20.9	78.0	0.0	6.8	6.8	5.0
23	16.7	24.5	21.0	74.0	0.0	2.6	2.6	2.2
24	15.9	27.2	21.8	62.7	0.0	0.0	0.0	7.8
25	13.8	27.4	21.6	62.0	0.0	0.0	0.0	9.2
26	17.2	26.8	22.2	66.0	0.0	0.0	0.0	4.2
27	15.5	25.0	21.8	63.7	0.0	0.0	0.0	4.0
28	14.2	26.0	20.8	75.3	0.0	0.0	0.0	5.2
29	14.4	28.2	22.3	54.7	0.0	0.0	0.0	7.8
30	12.9	27.5	22.7	57.7	0.0	0.0	0.0	7.1
31	16.8	27.0	22.5	61.3	0.0	0.0	0.0	5.3
Total :					.5	9.4	9.9	215.2
Promedio :	14.3	27.0	21.3	66.7				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	28.0	23.0	52.3	0.0	0.0	0.0	7.1
2	15.5	28.2	21.4	61.3	0.0	0.0	0.0	6.3
3	14.5	29.0	23.1	57.0	0.0	0.0	0.0	8.8
4	14.7	29.3	23.1	62.3	0.0	0.0	0.0	8.2
5	15.0	28.3	23.6	56.0	0.0	0.0	0.0	6.8
6	16.2	28.8	22.6	63.7	0.0	0.0	0.0	6.6
7	18.0	28.3	23.0	66.7	0.0	0.0	0.0	5.5
8	18.5	29.2	23.6	61.3	0.0	0.0	0.0	7.5
9	17.4	27.3	22.2	71.0	0.0	0.0	0.0	6.3
10	18.5	27.2	21.4	78.7	.3	0.0	.3	4.7
11	16.2	29.5	22.8	70.0	0.0	0.0	0.0	7.4
12	16.4	30.0	23.1	65.0	0.0	0.0	0.0	7.0
13	16.7	30.5	21.9	75.0	29.1	0.0	29.1	6.9
14	16.8	29.5	22.8	76.7	1.5	0.0	1.5	6.9
15	18.4	28.8	21.6	77.7	22.4	0.0	22.4	5.3
16	16.5	29.5	22.2	76.7	.1	0.0	.1	7.7
17	17.2	29.0	23.9	61.0	0.0	15.0	15.0	6.8
18	19.0	27.0	21.3	82.0	0.0	15.9	15.9	4.5
19	15.5	26.5	20.8	81.0	22.9	3.3	26.2	5.7
20	16.0	25.5	20.4	84.3	30.1	10.0	40.1	5.9
21	18.0	24.1	20.6	88.7	8.1	0.0	8.1	1.4
22	17.8	23.0	20.6	88.3	4.0	.2	4.2	.1
23	17.6	25.0	20.8	87.0	2.5	0.0	2.5	2.3
24	16.2	25.8	20.6	89.0	0.0	30.0	30.0	4.7
25	18.5	25.3	21.2	88.0	3.4	.4	3.8	1.3
26	16.3	25.2	20.8	86.0	6.9	0.0	6.9	7.1
27	16.0	26.3	21.9	84.3	0.0	.8	.8	7.0
28	16.5	26.2	21.2	77.7	0.0	0.0	0.0	7.9
29	15.0	28.1	21.9	75.0	0.0	0.0	0.0	7.8
30	15.9	28.8	23.1	72.3	0.0	0.0	0.0	9.3
31								
Total :					131.3	75.6	206.9	180.8
Promedio :	16.7	27.6	22.0	73.9				

Estación : PUEBLO BELLO | **Dpto. : CESAR** | **Latitud : 10 ° 25 ' N**
Año : 1997 | **Mpio. : VALLEDUPAR** | **Longitud : 73 ° 34 ' W**
Altitud : 1000 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	27.0	20.6	84.3	4.7	2.4	7.1	6.4
2	16.0	28.0	22.4	72.3	0.0	0.0	0.0	7.5
3	15.0	28.5	21.0	80.0	0.0	0.0	0.0	6.4
4	16.2	27.5	23.1	78.3	0.0	0.0	0.0	6.7
5	16.5	27.0	21.2	84.0	0.0	0.0	0.0	6.2
6	17.0	27.0	21.2	84.3	0.0	0.0	0.0	4.7
7	18.0	27.5	22.8	76.7	0.0	0.0	0.0	5.5
8	17.1	27.8	21.9	83.0	18.0	0.0	18.0	6.4
9	17.5	28.8	21.7	83.7	30.5	0.0	30.5	6.2
10	18.8	27.5	21.8	81.7	.9	1.8	2.7	2.3
11	17.2	25.5	20.6	87.3	0.0	0.0	0.0	1.8
12	16.2	26.8	21.7	86.3	0.0	0.0	0.0	7.4
13	17.0	27.3	22.4	85.0	0.0	.1	.1	6.3
14	17.7	27.5	21.4	88.3	9.6	0.0	9.6	7.0
15	16.3	27.0	21.0	88.0	0.0	0.0	0.0	8.1
16	15.5	28.0	21.9	82.3	6.2	25.3	31.5	7.6
17	16.0	29.0	22.2	83.7	6.8	1.7	8.5	9.0
18	16.3	29.0	23.0	80.7	0.0	0.0	0.0	8.9
19	16.0	28.5	23.1	74.3	0.0	0.0	0.0	9.9
20	17.5	28.2	22.7	82.0	0.0	0.0	0.0	7.7
21	17.0	28.2	22.3	84.7	0.0	0.0	0.0	8.4
22	16.8	27.8	22.1	84.0	0.0	.8	.8	6.7
23	18.4	27.5	23.1	79.3	0.0	0.0	0.0	6.8
24	16.0	28.5	23.6	75.0	0.0	0.0	0.0	6.4
25	17.5	28.8	22.8	81.7	6.8	9.9	16.7	5.4
26	19.0	27.5	20.7	94.0	22.7	0.0	22.7	4.4
27	16.4	27.0	22.2	86.0	0.0	14.5	14.5	7.9
28	16.0	27.3	21.3	83.0	3.7	0.0	3.7	6.0
29	15.8	28.0	23.0	82.0	0.0	0.0	0.0	5.0
30	17.0	26.0	19.1	90.0	25.7	.4	26.1	2.1
31	15.2	26.5	21.3	88.7	0.0	0.0	0.0	6.8
Total					135.6	56.9	192.5	197.9
Promedio	16.8	27.6	21.9	83.1				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	27.5	21.6	87.0	0.0	0.0	0.0	6.2
2	16.5	25.0	21.4	88.7	3.5	0.0	3.5	6.8
3	15.5	28.0	21.5	86.3	.6	0.0	.6	6.7
4	16.0	25.0	19.5	89.0	14.3	.6	14.9	4.9
5	15.0	26.5	21.0	83.7	0.0	0.0	0.0	5.3
6	16.0	27.5	21.6	89.0	12.5	9.2	21.7	5.9
7	15.5	26.6	19.6	92.3	7.6	7.2	14.8	.1
8	16.0	25.5	21.1	88.0	1.3	.1	1.4	7.9
9	16.5	24.0	20.6	90.7	0.0	0.0	0.0	7.6
10	17.0	27.5	22.0	82.7	0.0	0.0	0.0	7.5
11	17.5	28.0	22.1	85.0	12.7	0.0	12.7	6.9
12	18.5	26.0	21.5	89.7	1.0	0.0	1.0	3.2
13	16.5	27.0	22.0	80.7	0.0	16.9	16.9	7.5
14	16.4	26.0	21.6	87.7	3.9	0.0	3.9	9.1
15	15.8	25.5	21.8	89.7	0.0	0.0	0.0	7.2
16	17.5	27.0	21.5	86.7	0.0	0.0	0.0	7.2
17	15.5	27.5	21.7	80.7	0.0	0.0	0.0	8.3
18	16.0	26.5	20.8	87.7	0.0	0.0	0.0	4.3
19	17.0	24.5	21.1	84.0	0.0	0.0	0.0	.6
20	17.0	26.5	22.4	82.0	0.0	0.0	0.0	7.5
21	18.5	26.5	20.9	89.3	17.5	0.0	17.5	1.0
22	16.0	27.2	21.4	86.3	0.0	0.0	0.0	5.9
23	16.0	29.3	23.2	73.7	0.0	0.0	0.0	9.6
24	18.4	26.7	22.8	83.0	0.0	0.0	0.0	2.0
25	20.0	25.2	21.4	92.3	0.0	10.6	10.6	.4
26	17.0	23.5	19.6	95.0	53.7	4.2	57.9	.7
27	17.2	25.5	21.0	86.7	.1	.2	.3	.5
28	17.0	25.5	21.3	88.3	0.0	0.0	0.0	5.6
29	16.5	27.5	22.0	81.3	0.0	0.0	0.0	4.9
30	16.5	27.0	21.3	85.3	0.0	0.0	0.0	5.0
31								
Total					128 7	49.0	177.7	156.3
Promedio	16.8	26.4	21.4	86.4				

Estación : PUEBLO BELLO
Año : 1997

Dpto. : CESAR
Mpio. : VALLEDUPAR

Latitud : 10 ° 25 ' N
Longitud : 73 ° 34 ' W
Altitud : 1000 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	27.2	22.2	80.3	0.0	0.0	0.0	2.5
2	16.0	25.8	21.2	80.7	0.0	0.0	0.0	5.2
3	15.5	27.5	22.0	79.7	.4	0.0	.4	7.2
4	16.5	27.0	21.2	77.7	0.0	0.0	0.0	10.5
5	15.0	28.0	21.9	67.3	0.0	0.0	0.0	10.6
6	17.5	27.0	22.2	70.0	0.0	0.0	0.0	9.7
7	16.6	28.5	22.2	72.7	0.0	0.0	0.0	8.7
8	16.4	26.0	21.1	79.7	0.0	0.0	0.0	2.2
9	15.8	28.5	21.6	84.7	0.0	1.7	1.7	3.6
10	18.2	22.0	20.6	91.7	0.0	4.5	4.5	0.0
11	16.5	24.8	21.0	81.3	0.0	0.0	0.0	1.5
12	14.2	27.0	21.5	76.7	0.0	0.0	0.0	7.0
13	14.0	28.1	22.4	68.3	0.0	.2	.2	8.5
14	16.0	29.0	22.0	83.3	0.0	0.0	0.0	7.4
15	16.0	27.0	21.7	85.7	0.0	0.0	0.0	7.1
16	14.8	26.2	20.7	83.0	.2	0.0	.2	5.6
17	15.5	24.5	21.4	82.3	0.0	0.0	0.0	4.3
18	14.8	27.8	22.8	61.3	0.0	0.0	0.0	4.8
19	18.0	28.5	20.9	74.0	0.0	0.0	0.0	5.9
20	14.0	29.3	22.4	71.3	0.0	0.0	0.0	8.8
21	16.5	28.5	22.2	78.3	0.0	0.0	0.0	7.3
22	16.0	28.0	22.8	76.3	0.0	0.0	0.0	8.2
23	15.5	30.0	22.8	75.0	0.0	0.0	0.0	6.9
24	14.0	30.2	23.2	64.7	0.0	0.0	0.0	10.0
25	15.0	30.5	23.7	58.7	0.0	0.0	0.0	8.5
26	16.5	29.3	22.8	69.3	0.0	0.0	0.0	7.6
27	16.0	30.0	23.9	59.7	0.0	0.0	0.0	6.2
28	16.8	24.5	19.4	87.7	54.5	0.0	54.5	.4
29	16.5	24.4	19.4	88.3	30.0	0.0	30.0	4.6
30	14.7	24.8	19.0	89.7	58.4	2.8	61.2	6.9
31	15.0	25.5	21.1	84.7	0.0	0.0	0.0	7.5
Total :					143.5	9.2	152.7	195.2
Promedio :	15.8	27.3	21.7	76.9				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	27.2	21.6	84.0	0.0	0.0	0.0	5.4
2	15.0	27.8	21.0	82.0	0.0	0.0	0.0	6.4
3	18.0	26.0	22.2	79.0	0.0	0.0	0.0	2.4
4	14.0	29.0	22.2	68.3	0.0	0.0	0.0	9.7
5	14.4	28.8	23.1	65.0	0.0	0.0	0.0	9.5
6	16.5	30.0	22.3	75.3	0.0	0.0	0.0	5.5
7	14.8	28.5	21.8	70.7	0.0	0.0	0.0	3.4
8	14.0	30.0	24.0	66.0	0.0	0.0	0.0	5.7
9	15.2	28.0	20.7	77.3	2.4	.9	3.3	4.9
10	15.0	25.1	21.3	81.7	0.0	0.0	0.0	8.6
11	14.0	26.0	21.6	75.7	0.0	0.0	0.0	7.5
12	15.0	25.5	21.8	77.7	0.0	0.0	0.0	10.6
13	16.0	25.8	20.4	83.0	.1	0.0	.1	5.7
14	15.5	26.0	21.0	82.7	.5	0.0	.5	4.2
15	14.6	26.0	20.8	86.3	0.0	0.0	0.0	7.4
16	15.0	26.5	20.6	73.7	0.0	0.0	0.0	8.3
17	17.0	28.2	23.1	53.7	0.0	0.0	0.0	8.9
18	14.0	28.0	21.1	80.0	0.0	0.0	0.0	7.8
19	16.8	26.0	22.2	80.7	0.0	.4	.4	1.3
20	17.8	26.4	20.6	86.3	11.1	0.0	11.1	3.5
21	13.0	28.0	20.7	80.0	.6	0.0	.6	8.2
22	14.3	27.8	20.2	81.7	1.9	2.8	4.7	7.2
23	16.1	26.6	20.4	84.7	0.0	0.0	0.0	8.6
24	14.0	27.0	20.7	83.3	0.0	0.0	0.0	7.1
25	15.0	28.4	23.0	69.3	0.0	0.0	0.0	7.0
26	14.2	30.8	23.6	67.0	0.0	2.6	2.6	9.1
27	16.0	27.5	21.8	79.3	0.0	0.0	0.0	7.0
28	15.8	28.5	21.6	74.7	0.0	0.0	0.0	8.9
29	15.0	29.5	20.0	77.0	18.0	0.0	18.0	4.0
30	15.0	28.8	22.0	81.3	0.0	0.0	0.0	6.4
31	15.8	29.5	22.4	80.0	0.0	0.0	0.0	5.5
Total :					34.6	6.7	41.3	205.7
Promedio :	15.2	27.7	21.6	77.0				

Estación : PUEBLO BELLO
Año : 1997

Dpto. : CESAR
Mpio. : VALLEDUPAR

Latitud : 10 ° 25 ' N
Longitud : 73 ° 34 ' W
Altitud : 1000 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	29.5	20.4	81.0	3.0	0.0	3.0	3.8
2	14.0	26.2	20.0	86.7	3.5	0.0	3.5	3.4
3	13.5	28.0	19.6	85.3	9.1	0.0	9.1	7.2
4	17.0	27.2	22.0	83.7	0.0	0.0	0.0	8.5
5	15.8	29.5	22.0	77.0	.2	0.0	.2	6.9
6	16.8	27.2	20.6	92.7	75.4	38.5	113.9	4.9
7	17.3	26.0	19.8	92.7	1.8	0.0	1.8	1.6
8	16.5	25.0	19.8	89.0	1.1	0.0	1.1	.1
9	17.5	26.7	20.5	90.0	35.8	0.0	35.8	2.9
10	16.8	29.5	22.5	73.0	0.0	0.0	0.0	5.9
11	17.0	29.9	23.2	77.0	0.0	0.0	0.0	8.8
12	16.5	28.0	21.9	83.0	.8	1.3	2.1	7.2
13	15.0	28.5	21.8	79.7	0.0	0.0	0.0	9.1
14	15.0	28.0	20.8	86.0	17.1	0.0	17.1	7.1
15	16.0	29.0	21.8	77.7	0.0	0.0	0.0	8.0
16	16.8	30.0	23.0	73.3	0.0	0.0	0.0	8.2
17	16.0	29.5	22.1	75.3	0.0	0.0	0.0	7.1
18	15.8	28.5	20.6	83.0	19.0	0.0	19.0	6.3
19	16.6	27.5	21.9	87.0	9.3	11.3	20.6	6.6
20	16.5	27.5	22.6	86.7	.6	.6	1.2	9.5
21	18.5	27.8	21.2	89.0	5.8	.5	6.3	5.0
22	17.0	25.5	20.8	90.0	34.0	.2	34.2	2.3
23	18.3	26.5	20.8	91.7	1.6	.1	1.7	3.9
24	18.0	25.0	20.8	88.0	.6	.1	.7	0.0
25	17.5	27.5	20.6	88.3	.4	0.0	.4	2.6
26	17.8	28.0	20.4	91.3	1.0	0.0	1.0	4.8
27	17.0	28.5	22.2	83.7	0.0	0.0	0.0	7.6
28	18.4	27.3	21.8	86.7	0.0	19.8	19.8	2.5
29	16.0	26.0	20.8	86.0	0.0	0.0	0.0	4.2
30	15.8	27.4	21.0	90.0	17.0	0.0	17.0	7.3
31								
Total :					237.1	72.4	309.5	163.3
Promedio :	16.6	27.7	21.2	84.8				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.5	21.0	83.0	.2	.1	.3	5.6
2	16.8	27.0	20.6	92.3	0.0	0.0	0.0	5.8
3	17.0	22.4	19.2	93.3	1.1	0.0	1.1	0.0
4	14.5	28.0	21.8	84.3	0.0	0.0	0.0	7.2
5	17.4	27.5	21.8	84.3	0.0	0.0	0.0	6.7
6	16.5	28.0	22.0	85.7	0.0	0.0	0.0	8.6
7	15.5	29.0	22.5	81.0	0.0	0.0	0.0	8.8
8	16.5	29.7	21.6	79.0	0.0	0.0	0.0	6.7
9	16.0	27.4	19.4	92.7	18.9	0.0	18.9	3.8
10	15.5	26.5	21.2	89.0	.2	9.7	9.9	1.6
11	18.0	27.0	21.7	84.7	0.0	0.0	0.0	2.3
12	17.4	25.0	20.6	90.3	5.8	.3	6.1	1.0
13	17.4	27.0	21.6	81.3	0.0	.5	.5	5.3
14	18.6	26.8	21.8	72.3	0.0	10.2	10.2	7.6
15	17.5	24.0	20.4	87.7	.3	0.0	.3	3.3
16	16.0	27.0	21.2	81.0	0.0	0.0	0.0	10.0
17	17.5	25.3	20.2	91.3	13.6	0.0	13.6	1.7
18	17.0	25.0	20.9	94.3	3.7	.2	3.9	4.3
19	16.8	25.6	21.8	90.7	0.0	0.0	0.0	7.7
20	15.5	27.5	22.2	84.0	0.0	0.0	0.0	9.7
21	16.3	27.4	21.6	84.0	0.0	0.0	0.0	7.6
22	17.5	25.0	21.2	89.3	0.0	0.0	0.0	1.0
23	18.3	26.6	21.6	83.7	0.0	0.0	0.0	4.8
24	15.0	27.8	22.2	79.0	0.0	0.0	0.0	10.4
25	16.7	29.8	22.2	72.7	0.0	0.0	0.0	10.5
26	15.0	29.0	22.3	74.0	0.0	0.0	0.0	10.4
27	16.4	28.4	22.0	75.7	0.0	0.0	0.0	10.3
28	17.0	29.8	21.8	75.7	0.0	0.0	0.0	8.8
29	15.3	28.4	21.4	76.3	0.0	0.0	0.0	9.4
30	15.2	28.4	23.0	61.0	0.0	0.0	0.0	10.5
31	14.8	28.7	22.0	77.0	0.0	0.0	0.0	8.7
Total :					43.8	21.0	64.8	200.1
Promedio :	16.5	27.2	21.4	82.9				

Estación : PUEBLO BELLO **Dpto. :** CESAR **Latitud :** 10 ° 25 ' N
Año : 1997 **Mpio. :** VALLEDUPAR **Longitud :** 73 ° 34 ' W
Altitud : 1000 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	28.4	21.9	78.7	1.7	.2	1.9	7.0
2	16.6	28.3	22 5	80.3	0.0	0.0	0.0	7.4
3	16.5	28.4	21.6	82.0	4.0	0.0	4.0	7.8
4	16.7	28.0	22.0	84.3	.9	0.0	.9	7.3
5	17.6	27.8	22.2	82.3	0.0	0.0	0.0	8.1
6	16.4	27.9	21.0	85.0	3.9	0.0	3.9	6.4
7	18.4	24.5	20.8	93.7	7.3	1.3	8.6	.4
8	18.0	25.0	20.8	89.0	.4	.3	.7	1.6
9	16.5	25.5	20.9	87.3	0.0	0.0	0.0	1.9
10	18.4	25.7	19.6	97.7	10.7	0.0	10.7	2.8
11	15.5	26.4	21.1	86.7	.8	0.0	.8	8.2
12	14.8	27.2	21.2	80.7	0.0	0.0	0.0	8.8
13	15.7	26.0	21.2	84.0	0.0	.6	.6	9.0
14	15.6	25.8	20.0	88.3	1.3	.5	1.8	7.9
15	15.8	25.0	20.3	86.3	.4	0.0	.4	7.4
16	16.0	24.8	20.3	91.0	0.0	0.0	0.0	7.0
17	15.0	26.0	20.9	85.3	.7	0.0	.7	8.1
18	15.8	25.2	21.2	89.7	0.0	0.0	0.0	6.3
19	16.4	26.5	21.6	81.7	0.0	0.0	0.0	7.0
20	16.2	25.4	21.5	85.0	.1	18.0	18.1	5.6
21	16.7	26.5	22.2	82.3	0.0	0.0	0.0	8.2
22	15.2	27.5	21.0	79.0	0.0	0.0	0.0	8.8
23	14.7	29.8	21.3	75.0	0.0	0.0	0.0	8.9
24	16.5	27.8	22.0	81.0	0.0	0.0	0.0	8.5
25	18.0	27.0	22.0	85.0	0.0	4.5	4.5	5.4
26	17.5	25.2	21.2	86.0	0.0	.3	.3	6.3
27	16.0	26.4	21.2	79.7	0.0	0.0	0.0	7.6
28	14.5	27.3	21.8	74.3	0.0	0.0	0.0	8.2
29	15.0	28.0	20.8	78.0	0.0	0.0	0.0	9.1
30	14.5	27.8	21.2	78.7	0.0	0.0	0.0	9.3
31								
Total :					32.2	25.7	57.9	206.3
Promedio :	16.2	26.7	21.2	83.9				

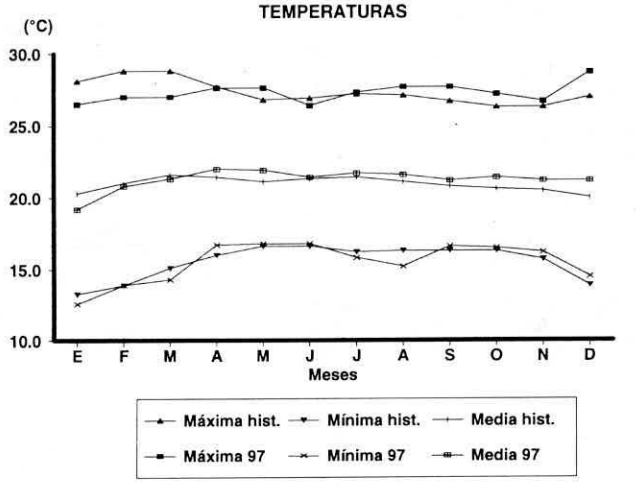
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.3	21.9	84.3	0.0	1.4	1.4	7.2
2	16.4	28.0	21.8	81.7	0.0	0.0	0.0	7.5
3	14.0	27.4	19.6	78.7	0.0	0.0	0.0	10.5
4	12.8	28.0	21.2	73.7	0.0	0.0	0.0	9.2
5	15.3	28.8	21.6	75.7	0.0	0.0	0.0	9.5
6	15.8	30.2	22.4	71.3	0.0	0.0	0.0	10.3
7	16.5	29.4	22.8	75.7	0.0	0.0	0.0	7.9
8	16.5	30.5	21.9	76.7	7.2	0.0	7.2	8.3
9	15.0	28.0	22.0	77.3	0.0	0.0	0.0	9.0
10	14.5	27.0	19.4	77.3	0.0	0.0	0.0	10.2
11	11.5	28.8	20.6	71.0	0.0	0.0	0.0	10.4
12	13.6	28.7	20.6	72.7	0.0	0.0	0.0	9.4
13	13.5	27.8	21.0	76.0	0.0	0.0	0.0	8.9
14	15.0	27.5	20.8	77.7	0.0	0.0	0.0	7.6
15	17.0	27.3	21.3	72.0	0.0	0.0	0.0	7.3
16	15.2	27.0	21.4	65.3	0.0	0.0	0.0	7.3
17	13.8	27.8	20.2	73.0	0.0	0.0	0.0	8.5
18	14.0	28.2	20.4	74.0	0.0	0.0	0.0	8.8
19	13.9	28.0	20.6	74.7	0.0	0.0	0.0	9.1
20	13.5	28.5	20.1	61.3	0.0	0.0	0.0	10.2
21	12.5	28.8	20.7	64.7	0.0	0.0	0.0	9.6
22	14.4	29.5	21.7	67.3	0.0	0.0	0.0	9.9
23	14.0	29.8	21.2	62.7	0.0	0.0	0.0	9.4
24	13.4	30.9	22.5	56.7	0.0	0.0	0.0	10.3
25	13.8	30.3	21.2	66.7	0.0	0.0	0.0	10.2
26	14.4	30.0	22.1	67.7	0.0	0.0	0.0	9.4
27	14.0	30.1	22.0	66.0	0.0	0.0	0.0	10.2
28	15.8	29.5	21.6	65.7	0.0	0.0	0.0	8.6
29	13.8	29.5	21.0	67.7	0.0	0.0	0.0	9.7
30	15.5	28.4	21.4	77.7	10.0	0.0	10.0	6.7
31	15.0	27.5	21.3	63.0	0.0	0.0	0.0	9.3
Total :					17.2	1.4	18.6	280.4
Promedio :	14.5	28.7	21.2	71.5				

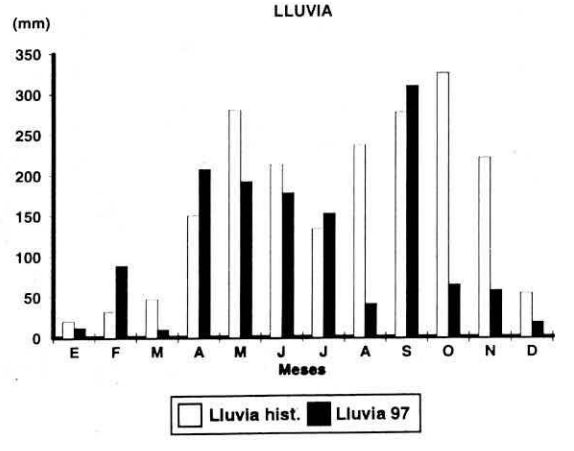
Estación : PUEBLO BELLO
Año : 1997

Dpto. : CESAR
Mpio. : VALLEDUPAR

Latitud : 10 ° 25 'N
Longitud : 73 ° 34 'W
Altitud : 1000 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	12.6	26.5	19.2	27.8	10.8	74.1	12.3	3	237.7
Febrero	13.9	27.0	20.8	28.2	11.9	70.6	89.0	4	199.3
Marzo	14.3	27.0	21.3	29.1	9.8	66.7	9.9	4	215.2
Abril	16.7	27.6	22.0	30.5	14.5	73.9	206.9	16	180.8
Mayo	16.8	27.6	21.9	29.0	15.0	83.1	192.5	14	197.9
Junio	16.8	26.4	21.4	29.3	15.0	86.4	177.7	14	156.3
Julio	15.8	27.3	21.7	30.5	14.0	76.9	152.7	8	195.2
Agosto	15.2	27.7	21.6	30.8	13.0	77.0	41.3	9	205.7
Septiembre	16.6	27.7	21.2	30.0	13.5	84.8	309.5	21	163.3
Octubre	16.5	27.2	21.4	29.8	14.5	82.9	64.8	10	200.1
Noviembre	16.2	26.7	21.2	29.8	14.5	83.9	57.9	15	206.3
Diciembre	14.5	28.7	21.2	30.9	11.5	71.5	18.6	3	280.4
Promedio :	15.5	27.3	21.2			77.7			
Absoluta :				30.9	9.8				
Total :							1333.1	121	2438.2





Estación : MONTELIBANO
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

Latitud : 5 ° 28 ' N
Longitud : 74 ° 22 ' W
Altitud : 1340 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	23.0	18.8	88.7	9.0	13.1	22.1	1.6
2	17.0	20.0	17.9	95.7	2.0	0.0	2.0	.2
3	16.8	23.1	19.4	85.0	0.0	0.0	0.0	4.8
4	16.9	23.0	19.6	86.3	0.0	0.0	0.0	6.7
5	17.5	23.5	19.8	88.7	0.0	0.0	0.0	4.7
6	17.1	24.2	20.2	85.7	0.0	0.0	0.0	7.9
7	17.2	25.1	20.6	80.3	0.0	0.0	0.0	6.0
8	17.8	25.0	20.6	84.3	0.0	0.0	0.0	6.0
9	17.9	23.6	19.7	86.0	6.0	6.3	12.3	2.8
10	16.9	22.1	19.0	93.0	.2	0.0	.2	1.7
11	17.0	23.0	18.4	94.3	1.2	0.0	1.2	2.0
12	17.1	22.8	19.8	88.3	0.0	.4	.4	6.7
13	16.9	23.5	20.0	86.7	0.0	0.0	0.0	5.9
14	16.5	23.7	19.7	89.3	0.0	0.0	0.0	4.7
15	16.9	23.4	19.6	87.0	0.0	.5	.5	5.6
16	17.0	22.0	18.4	91.3	.8	9.4	10.2	.5
17	16.8	22.6	18.7	91.7	3.4	4.0	7.4	3.3
18	16.9	23.0	18.5	94.3	3.0	1.6	4.6	2.8
19	15.9	21.2	17.9	94.3	0.0	0.0	0.0	3.8
20	15.8	23.8	19.6	85.0	0.0	0.0	0.0	6.6
21	17.0	24.1	20.1	85.0	0.0	0.0	0.0	2.7
22	17.7	24.8	20.4	83.0	0.0	0.0	0.0	3.1
23	17.1	24.0	20.4	84.3	0.0	0.0	0.0	5.6
24	17.8	25.8	20.2	85.7	2.1	3.7	5.8	4.2
25	17.9	24.3	19.8	88.7	0.0	4.6	4.6	2.2
26	18.0	24.8	20.4	86.7	.9	24.2	25.1	2.0
27	17.0	25.2	20.1	81.3	2.5	4.5	7.0	5.1
28	18.0	24.0	21.6	85.3	0.0	3.6	3.6	6.1
29	18.0	24.8	20.6	81.7	1.1	1.4	2.5	7.6
30	18.1	24.1	20.5	83.0	1.8	1.5	3.3	8.0
31	17.9	24.3	20.4	81.7	0.0	0.0	0.0	3.2
Total :					34.0	78.8	112.8	134.1
Promedio :	17.2	23.6	19.7	87.2				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	24.0	20.6	81.7	0.0	0.0	0.0	6.2
2	17.7	23.9	20.4	83.7	0.0	0.0	0.0	7.0
3	17.8	26.8	19.8	83.3	10.0	5.0	15.0	6.0
4	17.4	23.7	19.3	85.0	.4	25.6	26.0	5.7
5	16.0	23.0	18.0	86.7	0.0	0.0	0.0	1.9
6	16.7	24.2	20.4	77.7	0.0	18.8	18.8	8.7
7	17.0	23.7	20.4	85.0	0.0	7.5	7.5	.8
8	17.4	23.5	20.0	89.3	0.0	18.3	18.3	1.5
9	16.5	25.7	20.2	82.3	8.1	15.3	23.4	2.5
10	16.4	24.5	20.1	84.7	0.0	23.3	23.3	2.0
11	17.0	25.4	20.4	83.3	37.0	0.0	37.0	1.1
12	17.6	25.6	20.0	85.3	22.7	1.4	24.1	3.6
13	16.5	25.9	20.4	87.7	2.6	47.0	49.6	6.1
14	16.6	26.6	20.2	85.7	11.0	0.0	11.0	6.4
15	17.6	26.3	20.1	85.7	10.7	0.0	10.7	6.0
16	17.5	25.0	19.7	87.7	12.7	2.2	14.9	1.2
17	17.8	24.7	20.2	88.3	6.4	7.3	13.7	2.6
18	17.4	24.8	20.6	86.0	0.0	3.5	3.5	3.1
19	17.8	26.5	21.6	87.3	0.0	9.0	9.0	5.3
20	18.5	25.8	21.2	89.3	0.0	0.0	0.0	5.5
21	18.8	26.6	22.2	85.7	0.0	0.0	0.0	4.1
22	19.8	26.0	21.5	83.7	.6	3.6	4.2	4.2
23	18.2	25.5	20.9	87.7	36.7	0.0	36.7	3.2
24	17.7	26.1	20.6	89.0	2.4	10.9	13.3	3.7
25	17.8	26.0	21.4	88.0	0.0	0.0	0.0	3.2
26	18.5	26.3	20.3	88.0	4.0	0.0	4.0	4.4
27	18.8	26.7	21.8	78.0	14.0	1.8	15.8	9.7
28	18.4	26.8	22.1	84.0	0.0	.3	.3	8.4
29								
30								
31								
Total :					179.3	200.8	380.1	124.1
Promedio :	17.6	25.3	20.5	85.4				

Estación : MONTELIBANO
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

Latitud : 5 ° 28 ' N
Longitud : 74 ° 22 ' W
Altitud : 1340 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	25.6	22.2	84.0	0.0	.1	.1	5.1
2	18.2	24.6	21.3	86.7	0.0	5.0	5.0	6.5
3	17.6	24.0	21.0	86.3	0.0	0.0	0.0	7.4
4	18.5	25.4	21.6	82.3	0.0	.4	.4	6.5
5	18.0	24.8	20.8	86.3	0.0	0.0	0.0	1.6
6	18.9	27.4	21.7	79.0	0.0	.1	.1	8.3
7	17.7	27.6	21.8	78.7	0.0	0.0	0.0	8.1
8	18.8	27.0	21.8	83.3	0.0	0.0	0.0	5.6
9	19.8	28.0	22.8	82.3	0.0	0.0	0.0	3.9
10	19.3	26.2	21.2	80.7	1.5	0.0	1.5	5.6
11	18.9	28.1	22.0	81.0	.1	35.5	35.6	5.0
12	17.7	26.8	20.9	82.7	22.3	13.9	36.2	4.2
13	17.9	24.6	20.0	84.7	1.9	0.0	1.9	.2
14	17.7	24.5	21.4	81.3	.8	0.0	.8	7.3
15	18.6	26.6	22.2	81.7	0.0	9.6	9.6	5.5
16	18.2	20.9	19.0	93.3	0.0	6.1	6.1	0.0
17	18.0	20.4	18.7	93.7	0.0	36.2	36.2	0.0
18	17.8	26.2	19.6	87.0	1.7	3.5	5.2	2.5
19	17.6	23.7	20.1	83.3	0.0	0.0	0.0	2.6
20	17.8	25.9	20.8	82.0	0.0	11.9	11.9	8.6
21	17.9	24.5	20.7	83.7	.9	0.0	.9	4.3
22	17.6	24.4	20.6	82.7	0.0	2.8	2.8	6.7
23	17.6	24.8	20.2	84.0	0.0	0.0	0.0	.3
24	17.8	24.2	20.7	84.0	0.0	0.0	0.0	6.8
25	17.5	24.5	21.1	81.3	0.0	0.0	0.0	6.1
26	18.4	22.8	19.8	81.7	0.0	0.0	0.0	.7
27	17.9	24.6	20.1	82.0	0.0	0.0	0.0	6.0
28	17.1	24.2	20.4	80.7	0.0	0.0	0.0	6.8
29	17.0	24.8	20.4	82.3	0.0	0.0	0.0	5.1
30	17.7	24.4	20.8	81.3	0.0	0.0	0.0	2.4
31	17.9	23.9	20.4	87.3	0.0	2.8	2.8	2.8
Total :					29.2	127.9	157.1	142.5
Promedio :	18.0	25.0	20.8	83.6				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	23.8	18.7	92.0	3.1	0.0	3.1	0.0
2	16.6	27.8	21.0	80.0	14.6	10.2	24.8	6.3
3	17.6	24.2	20.6	88.0	.3	.1	.4	4.3
4	18.7	24.0	20.6	88.0	4.3	1.0	5.3	1.1
5	17.8	25.0	20.8	84.7	0.0	0.0	0.0	2.9
6	18.2	25.5	21.5	87.3	.7	2.3	3.0	1.8
7	17.2	26.9	22.0	71.3	0.0	0.0	0.0	6.7
8	18.9	26.4	20.8	84.3	.1	1.2	1.3	4.1
9	17.0	25.0	20.0	89.7	.1	1.5	1.6	2.5
10	18.5	24.8	20.4	90.7	3.7	1.3	5.0	1.8
11	18.8	25.4	21.2	90.7	0.0	0.0	0.0	2.2
12	19.4	26.2	22.2	85.7	0.0	0.0	0.0	3.6
13	18.8	27.2	21.4	78.7	6.1	4.2	10.3	6.6
14	16.9	26.9	21.2	85.0	.4	19.3	19.7	7.0
15	17.0	25.1	21.4	77.7	0.0	0.0	0.0	5.8
16	17.9	27.5	21.2	79.0	1.8	.6	2.4	6.6
17	18.4	26.2	21.4	86.3	0.0	0.0	0.0	2.1
18	19.0	25.0	21.1	83.7	1.4	4.1	5.5	1.5
19	17.7	24.0	20.0	86.0	21.4	.1	21.5	1.2
20	17.5	23.4	19.2	90.0	48.6	18.1	66.7	1.2
21	16.8	22.5	19.2	83.7	1.1	.4	1.5	.4
22	17.0	22.9	18.7	88.3	25.5	0.0	25.5	1.7
23	16.5	24.9	20.2	84.0	.1	0.0	.1	3.9
24	18.1	25.7	21.1	84.0	0.0	8.7	8.7	4.0
25	16.7	23.6	20.0	86.0	9.9	5.3	15.2	2.2
26	17.7	23.8	20.4	84.7	0.0	5.0	5.0	3.4
27	18.3	25.8	21.1	86.0	1.7	.2	1.9	4.8
28	17.5	23.5	20.5	84.0	0.0	0.0	0.0	5.6
29	17.9	26.6	22.1	79.3	0.0	0.0	0.0	7.4
30	18.1	25.9	21.5	81.3	0.0	0.0	0.0	3.2
31								
Total :					144.9	83.6	228.5	105.9
Promedio :	17.8	25.2	20.7	84.7				

Estación : MONTELIBANO | Dpto. : CUNDINAMARCA | Latitud : 5 ° 28 ' N
Año : 1997 | Mpio. : YACOPI | Longitud : 74 ° 22 ' W
Altitud : 1340 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	25.4	20.9	82.3	1.8	0.0	1.8	1.3
2	17.9	29.4	22.6	71.7	0.0	0.0	0.0	6.1
3	18.8	27.8	21.3	76.3	0.0	23.0	23.0	7.8
4	18.2	25.4	21.1	79.3	0.0	0.0	0.0	3.0
5	17.2	27.2	21.7	76.0	1.5	.1	1.6	7.9
6	18.2	25.9	20.3	85.7	4.2	0.0	4.2	6.7
7	18.1	23.8	20.4	77.0	20.3	0.0	20.3	2.6
8	17.9	29.8	23.1	70.0	0.0	0.0	0.0	10.7
9	19.0	27.6	21.5	84.7	0.0	0.0	0.0	6.8
10	18.4	28.6	21.8	77.3	9.0	3.0	12.0	9.3
11	17.2	24.8	20.6	82.7	.6	0.0	.6	1.9
12	17.6	24.9	20.8	80.7	11.7	5.2	16.9	5.5
13	16.6	27.0	20.9	74.0	5.0	5.6	10.6	5.3
14	16.7	26.7	20.0	87.0	9.5	0.0	9.5	4.7
15	19.0	26.0	21.7	85.3	1.6	0.0	1.6	5.4
16	17.2	27.8	22.6	84.7	0.0	0.0	0.0	7.2
17	19.1	26.3	21.9	82.0	2.3	0.0	2.3	3.9
18	18.8	27.9	21.1	76.0	7.6	2.7	10.3	7.9
19	18.8	28.8	23.1	74.7	0.0	2.5	2.5	6.3
20	17.6	26.7	21.8	79.0	0.0	0.0	0.0	4.7
21	18.6	25.6	21.3	82.7	2.2	1.8	4.0	5.6
22	18.5	25.4	21.6	86.0	0.0	7.6	7.6	4.7
23	18.2	26.7	20.9	85.7	3.8	0.0	3.8	6.2
24	17.6	28.8	23.5	80.0	0.0	0.0	0.0	7.8
25	19.9	26.6	22.1	75.3	7.9	0.0	7.9	3.5
26	18.4	22.4	19.5	93.7	2.3	15.4	17.7	.5
27	17.2	27.6	22.2	77.3	0.0	2.5	2.5	6.1
28	18.9	26.5	21.5	84.3	9.9	0.0	9.9	.5
29	19.2	27.0	21.9	83.7	.2	0.0	.2	2.7
30	18.4	26.1	21.0	85.0	.8	.7	1.5	2.4
31	18.0	25.0	20.4	87.7	0.0	1.7	1.7	2.2
Total :					102.2	71.8	174.0	157.2
Promedio :	18.2	26.6	21.5	80.9				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	25.4	21.5	83.7	1.8	0.0	1.8	2.1
2	17.5	26.9	21.8	84.7	0.0	17.2	17.2	6.9
3	16.7	26.5	20.2	82.7	14.1	0.0	14.1	4.1
4	16.6	20.2	18.6	93.0	0.0	0.0	0.0	0.0
5	17.6	24.4	20.6	87.3	1.3	22.5	23.8	5.6
6	17.3	25.4	20.2	91.0	0.0	30.3	30.3	2.0
7	16.9	24.0	19.7	83.0	.3	9.7	10.0	4.0
8	17.0	22.8	19.9	87.3	.4	0.0	.4	.5
9	18.0	24.2	20.8	84.7	1.8	12.2	14.0	2.8
10	16.6	25.6	20.4	80.3	14.4	0.0	14.4	7.6
11	16.2	25.6	19.1	87.7	4.8	29.2	34.0	6.1
12	16.7	23.0	19.8	87.7	0.0	0.0	0.0	2.0
13	17.8	23.0	20.2	90.0	.3	0.0	.3	4.2
14	18.2	25.0	21.0	87.3	0.0	0.0	0.0	3.8
15	18.8	27.2	20.8	80.0	2.9	1.1	4.0	5.2
16	18.8	26.0	21.5	87.3	1.6	8.1	9.7	2.6
17	16.8	25.7	20.6	85.7	.4	0.0	.4	5.4
18	18.1	25.1	20.8	91.7	6.1	1.1	7.2	2.7
19	17.4	24.5	20.4	82.0	0.0	0.0	0.0	2.9
20	17.2	25.1	21.3	77.7	0.0	0.0	0.0	6.3
21	18.3	24.5	20.9	85.3	.5	0.0	.5	4.1
22	17.9	26.4	21.7	83.3	0.0	1.8	1.8	7.0
23	18.5	27.7	22.6	78.7	0.0	0.0	0.0	7.4
24	19.0	24.6	21.2	87.7	0.0	5.6	5.6	1.7
25	17.0	23.6	18.8	87.7	9.9	0.0	9.9	2.5
26	16.8	22.0	19.0	90.0	0.0	0.0	0.0	1.1
27	17.0	23.0	19.7	89.3	.8	0.0	.8	2.6
28	16.8	27.8	22.5	76.0	0.0	0.0	0.0	8.5
29	19.2	27.0	22.1	83.3	.4	9.4	9.8	7.1
30	17.4	23.0	19.8	89.0	.9	2.5	3.4	3.9
31								
Total :					62.7	150.7	213.4	122.7
Promedio :	17.6	24.8	20.6	85.5				

Estación : MONTELIBANO **Dpto. : CUNDINAMARCA** **Latitud : 5 ° 28 ' N**
Año : 1997 **Mpio. : YACOPI** **Longitud : 74 ° 22 ' W**
Altitud : 1340 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	26.8	21.4	72.7	0.0	0.0	0.0	6.7
2	18.0	27.7	22.7	53.7	0.0	0.0	0.0	7.2
3	18.5	23.4	20.3	82.0	34.1	0.0	34.1	3.4
4	17.3	28.8	22.7	66.3	0.0	0.0	0.0	10.1
5	19.0	26.0	22.0	61.7	.1	0.0	.1	5.8
6	18.0	28.5	21.6	71.7	.1	.1	.2	9.2
7	18.8	27.7	21.8	67.3	.2	0.0	.2	4.3
8	17.8	26.7	20.3	77.3	27.7	3.2	30.9	7.2
9	17.5	26.5	21.8	64.0	0.0	0.0	0.0	6.9
10	18.0	25.1	20.5	77.3	2.6	0.0	2.6	7.0
11	17.6	25.4	21.2	72.7	9.9	0.0	9.9	6.0
12	18.8	28.8	23.0	57.0	0.0	0.0	0.0	10.4
13	18.9	30.9	24.2	43.7	0.0	0.0	0.0	10.3
14	19.8	27.7	22.2	56.3	.2	0.0	.2	8.5
15	18.4	26.4	21.7	68.7	.1	13.6	13.7	5.8
16	17.2	26.9	21.4	70.7	.6	0.0	.6	7.8
17	17.0	26.4	21.6	69.3	0.0	0.0	0.0	9.5
18	18.8	28.0	23.0	47.3	0.0	0.0	0.0	9.3
19	18.6	28.8	24.1	46.7	0.0	0.0	0.0	9.8
20	19.3	29.6	24.9	47.7	0.0	0.0	0.0	10.8
21	18.4	28.1	22.8	55.3	0.0	0.0	0.0	4.9
22	19.8	28.8	22.9	52.0	0.0	0.0	0.0	4.9
23	19.9	30.4	24.8	45.0	0.0	0.0	0.0	8.0
24	19.8	30.9	25.0	46.0	0.0	0.0	0.0	9.7
25	19.7	28.7	23.7	50.7	0.0	0.0	0.0	3.9
26	19.0	30.8	25.0	43.0	0.0	0.0	0.0	9.0
27	19.7	27.4	23.5	49.7	0.0	0.0	0.0	4.6
28	19.8	27.4	21.8	65.3	0.0	1.2	1.2	3.3
29	17.2	25.0	18.8	88.7	6.4	0.0	6.4	3.8
30	16.9	27.3	20.7	80.7	.6	0.0	.6	5.0
31	17.4	28.2	23.3	69.7	.3	.7	1.0	6.9
Total :					82.9	18.8	101.7	220.0
Promedio :	18.5	27.7	22.4	61.9				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	29.9	24.6	56.0	0.0	0.0	0.0	9.0
2	18.8	28.9	24.2	53.3	0.0	0.0	0.0	7.4
3	18.2	29.1	22.8	67.0	0.0	0.0	0.0	8.8
4	20.0	30.0	25.0	39.7	0.0	0.0	0.0	8.9
5	19.2	29.8	23.8	45.0	0.0	0.0	0.0	6.2
6	19.6	30.9	24.7	45.0	0.0	0.0	0.0	6.1
7	19.4	31.8	25.0	37.7	0.0	0.0	0.0	8.7
8	19.0	29.6	24 8	37.3	0.0	0.0	0.0	7.5
9	18.8	28.6	22.4	50.0	0.0	0.0	0.0	2.2
10	18.0	27.8	22.0	52.0	0.0	0.0	0.0	9.1
11	17.6	29.0	23.3	58.0	0.0	0.0	0.0	6.8
12	19.0	27.4	22.4	71.7	0.0	0.0	0.0	4.2
13	18.8	29.5	23.5	52.3	0.0	.2	.2	2.7
14	19.0	28.0	22.2	64.7	.1	.3	.4	5.1
15	18.9	28.2	22.5	64.0	0.0	0.0	0.0	4.6
16	19.0	31.3	24.3	61.3	0.0	0.0	0.0	7.4
17	18.8	29.2	23.0	68.0	0.0	0.0	0.0	4.8
18	18.5	29.8	23.0	64.0	0.0	0.0	0.0	7.9
19	19.3	26.4	22.0	63.0	0.0	0.0	0.0	2.9
20	18.7	29.1	24.0	46.7	0.0	0.0	0.0	2.3
21	20.0	30.8	24.6	33.3	0.0	0.0	0.0	7.2
22	19.8	28.7	24.2	51.3	0.0	.1	.1	5.4
23	19.2	29.2	23.4	62.7	0.0	0.0	0.0	7.2
24	18.2	28.8	22.5	75.0	0.0	0.0	0.0	4.0
25	19.4	29.8	23.7	70.7	0.0	0.0	0.0	6.4
26	20.3	31.0	25.3	48.3	.5	0.0	.5	5.6
27	19.6	30.2	23.8	50.7	0.0	0.0	0.0	2.2
28	19.8	29.8	24.0	43.0	0.0	0.0	0.0	6.0
29	19.0	30.6	24.0	41.7	0.0	0.0	0.0	9.7
30	18.4	28.0	22.6	69.0	0.0	.1	.1	3.9
31	19.4	28.8	23.0	76.0	.9	23.2	24.1	5.2
Total :					1.5	23.9	25.4	185.4
Promedio :	19.0	29.4	23.6	55.4				

Estación : MONTELIBANO
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

Latitud : 5 ° 28 ' N
Longitud : 74 ° 22 ' W
Altitud : 1340 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	26.8	20.4	89.3	10.0	8.8	18.8	2.2
2	17.0	26.6	20.6	74.7	10.5	0.0	10.5	4.5
3	17.2	28.5	21.7	73.0	1.1	0.0	1.1	7.6
4	17.0	26.7	21.8	74.7	0.0	0.0	0.0	4.8
5	19.4	26.4	21.4	89.7	0.0	57.8	57.8	1.4
6	16.7	26.8	21.0	79.3	2.4	10.7	13.1	5.6
7	17.8	24.8	20.7	87.3	2.1	3.1	5.2	2.0
8	17.4	23.5	19.8	92.0	26.7	30.7	57.4	3.0
9	17.2	24.4	20.2	82.7	1.3	0.0	1.3	5.1
10	18.6	28.2	21.5	84.0	0.0	0.0	0.0	5.4
11	19.0	28.0	21.8	75.3	2.1	1.7	3.8	5.9
12	18.9	29.4	22.9	67.7	0.0	0.0	0.0	9.1
13	18.6	27.6	22.0	68.0	0.0	0.0	0.0	2.5
14	19.0	25.0	21.2	75.3	0.0	0.0	0.0	4.6
15	19.2	27.2	22.6	67.7	0.0	0.0	0.0	2.4
16	17.6	28.0	23.3	50.7	0.0	0.0	0.0	6.5
17	19.0	28.8	22.6	60.0	0.0	0.0	0.0	7.1
18	18.4	27.8	22.3	66.0	0.0	.6	.6	5.0
19	18.3	28.4	22.1	77.3	0.0	2.6	2.6	3.0
20	17.2	25.4	20.4	80.3	0.0	1.2	1.2	4.0
21	18.0	26.4	21.7	78.7	30.2	12.2	42.4	4.8
22	17.0	26.2	20.4	84.3	2.7	9.8	12.5	4.2
23	17.4	24.4	20.0	83.0	4.0	5.2	9.2	.5
24	17.6	25.4	20.4	89.3	.4	35.4	35.8	.8
25	17.2	25.8	21.0	87.0	0.0	9.7	9.7	2.3
26	17.2	26.0	21.2	83.3	.2	3.5	3.7	5.1
27	17.4	26.5	21.1	81.7	0.0	.3	.3	5.7
28	18.4	26.6	21.6	77.0	0.0	0.0	0.0	4.5
29	18.3	25.0	21.4	80.0	0.0	0.0	0.0	5.8
30	19.1	27.3	21.0	79.3	6.8	2.2	9.0	4.7
31								
Total					100.5	195.5	296.0	130.1
Promedio :	17.9	26.6	21.3	78.0				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	25.9	21.6	84.3	.3	10.3	10.6	5.9
2	17.1	26.1	20.0	88.0	2.1	1.2	3.3	5.1
3	17.4	25.4	19.8	86.7	19.4	0.0	19.4	.9
4	18.0	25.2	21.2	83.3	0.0	0.0	0.0	6.2
5	18.4	24.7	21.3	80.3	0.0	0.0	0.0	3.9
6	18.4	25.8	21.6	79.7	0.0	0.0	0.0	3.6
7	18.5	27.4	22.2	64.0	0.0	0.0	0.0	6.1
8	18.6	29.6	22.6	49.3	0.0	0.0	0.0	8.7
9	18.3	25.8	21.4	84.3	0.0	.9	.9	6.1
10	18.0	28.4	20.9	75.3	0.0	0.0	0.0	7.0
11	17.9	24.5	20.2	85.0	12.3	.9	13.2	4.8
12	17.6	25.0	21.1	80.7	0.0	5.8	5.8	5.3
13	18.0	22.7	19.4	87.0	8.4	0.0	8.4	.7
14	17.6	25.8	21.3	82.3	1.3	1.8	3.1	4.7
15	18.4	24.6	20.4	89.3	0.0	.9	.9	2.5
16	17.6	25.2	19.3	84.0	1.3	9.1	10.4	3.4
17	16.8	24.2	20.1	81.7	.5	1.2	1.7	6.9
18	17.2	23.7	19.0	83.0	8.3	4.0	12.3	3.4
19	17.0	24.2	20.0	88.3	.9	0.0	.9	5.0
20	17.7	27.2	21.4	81.0	.1	.2	.3	7.2
21	17.2	26.2	20.0	85.0	10.2	10.9	21.1	1.8
22	17.0	26.0	20.3	84.0	0.0	.5	.5	2.8
23	17.8	25.4	20.7	85.7	0.0	0.0	0.0	6.2
24	18.8	26.2	21.9	83.3	0.0	0.0	0.0	6.9
25	19.0	26.0	22.1	84.0	0.0	.5	.5	6.0
26	18.8	26.1	21.3	87.3	0.0	0.0	0.0	6.0
27	18.2	26.5	21.3	81.7	.1	0.0	.1	4.9
28	19.0	26.1	20.8	82.7	3.3	0.0	3.3	2.8
29	17.6	23.4	18.9	93.3	9.8	0.0	9.8	3.1
30	17.0	26.5	21.2	83.0	0.0	0.0	0.0	6.9
31	17.7	27.2	20.4	86.3	11.7	.4	12.1	6.1
Total					90.0	48.6	138.6	150.9
Promedio :	17.9	25.7	20.8	82.4				

Estación : MONTELIBANO
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

Latitud : 5 ° 28 ' N
Longitud : 74 ° 22 ' W
Altitud : 1340 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.6	26.6	21.1	86.3	.3	0.0	.3	5.0
2	18.0	26.4	22.0	82.3	0.0	0.0	0.0	7.7
3	17.1	28.1	22.1	87.7	0.0	0.0	0.0	4.9
4	17.6	26.4	19.8	91.0	10.8	9.7	20.5	3.2
5	17.2	25.4	20.5	86.3	9.0	0.0	9.0	1.5
6	19.0	25.2	20.6	87.0	1.0	.7	1.7	2.6
7	18.0	25.0	20.9	85.0	0.0	27.0	27.0	1.7
8	17.4	23.6	19.4	84.7	0.0	28.0	28.0	1.0
9	17.6	22.5	19.2	90.7	27.0	6.6	33.6	.3
10	17.3	22.6	18.7	89.0	17.9	5.7	23.6	.7
11	17.1	24.8	20.5	87.3	0.0	4.8	4.8	5.5
12	17.8	24.5	20.6	83.0	0.0	5.5	5.5	8.7
13	18.2	23.8	20.2	83.7	0.0	29.0	29.0	4.8
14	16.2	22.7	18.2	81.0	0.0	.3	.3	1.9
15	15.9	22.8	18.6	82.3	0.0	0.0	0.0	5.9
16	16.0	24.2	19.8	83.3	0.0	0.0	0.0	6.2
17	18.0	25.8	20.5	83.3	9.6	12.5	22.1	4.7
18	17.4	27.2	19.2	94.7	0.0	0.0	0.0	3.8
19	16.2	26.2	19.2	82.7	10.0	51.0	61.0	6.9
20	16.4	25.4	20.5	83.7	0.0	60.4	60.4	6.5
21	16.2	26.1	20.7	81.7	0.0	2.6	2.6	4.3
22	18.7	26.2	22.0	87.3	.2	0.0	.2	7.1
23	18.8	26.4	22.2	83.3	0.0	.2	.2	5.9
24	16.9	24.4	20.4	85.0	0.0	0.0	0.0	2.3
25	18.1	24.0	20.5	85.3	0.0	.6	.6	3.8
26	17.7	22.8	18.2	95.3	3.3	.1	3.4	.7
27	16.7	24.5	19.8	84.3	0.0	0.0	0.0	5.5
28	17.0	25.3	20.6	86.7	0.0	4.6	4.6	7.4
29	17.1	26.7	21.0	85.3	0.0	3.7	3.7	7.7
30	16.6	24.4	20.3	84.7	4.0	2.9	6.9	4.2
31								
Total :					93.1	255.9	349.0	132.4
Promedio :	17.3	25.0	20.2	85.8				

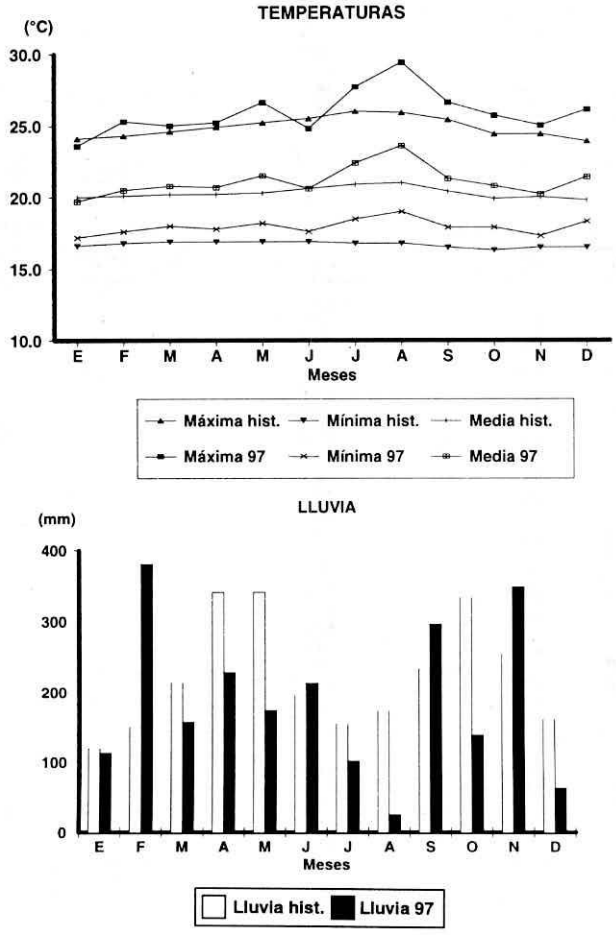
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.1	24.2	20.1	90.7	0.0	0.0	0.0	2.3
2	17.0	24.6	19.4	86.0	25.9	0.0	25.9	5.5
3	17.2	24.9	20.8	84.3	0.0	0.0	0.0	6.1
4	17.4	26.7	21.4	86.0	0.0	0.0	0.0	6.6
5	18.2	26.4	21.8	86.0	0.0	0.0	0.0	5.8
6	18.8	28.4	22.4	78.0	0.0	0.0	0.0	7.6
7	19.0	27.9	23.1	74.0	.1	0.0	.1	7.3
8	19.8	28.4	23.2	66.3	0.0	0.0	0.0	6.9
9	19.0	27.2	21.3	83.0	6.9	0.0	6.9	4.6
10	17.0	25.0	21.2	85.7	0.0	0.0	0.0	3.5
11	18.8	27.2	22.0	84.7	0.0	0.0	0.0	5.0
12	18.6	25.9	21.3	84.3	0.0	1.5	1.5	6.3
13	18.9	26.4	22.5	79.0	0.0	0.0	0.0	6.3
14	19.0	24.8	21.1	83.0	0.0	0.0	0.0	7.1
15	18.5	22.0	19.5	84.3	0.0	0.0	0.0	.6
16	18.0	24.2	20.0	87.0	0.0	.3	.3	4.0
17	17.8	25.2	20.3	87.7	0.0	0.0	0.0	4.7
18	18.2	24.0	20.7	87.7	0.0	.7	.7	4.3
19	18.1	25.0	20.4	87.0	0.0	0.0	0.0	5.3
20	18.8	25.4	20.8	84.0	0.0	0.0	0.0	2.9
21	18.6	27.0	21.8	81.7	0.0	0.0	0.0	6.6
22	18.7	28.6	22.9	76.7	0.0	0.0	0.0	9.0
23	18.2	29.6	23.2	65.7	0.0	0.0	0.0	10.2
24	18.3	30.2	23.0	72.0	0.0	7.5	7.5	7.7
25	18.2	26.9	21.8	85.0	0.0	0.0	0.0	7.2
26	19.1	28.2	22.0	78.7	0.0	1.2	1.2	6.6
27	18.9	27.6	21.9	84.0	0.0	0.0	0.0	6.8
28	18.8	25.0	21.0	89.7	0.0	13.4	13.4	4.1
29	17.7	25.7	21.2	77.0	.5	2.7	3.2	8.4
30	16.9	23.3	19.9	89.3	0.0	0.0	0.0	1.8
31	17.8	24.6	21.0	85.0	0.0	2.5	2.5	3.8
Total :					33.4	29.8	63.2	174.9
Promedio :	18.3	26.1	21.4	82.4				

Estación : MONTELIBANO
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

Latitud : 5 ° 28 'N
Longitud : 74 ° 22 'W
Altitud : 1340 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	17.2	23.6	19.7	25.8	15.8	87.2	112.8	17	134.1
Febrero	17.6	25.3	20.5	26.8	16.0	85.4	380.1	22	124.1
Marzo	18.0	25.0	20.8	28.1	17.0	83.6	157.1	17	142.5
Abril	17.8	25.2	20.7	27.8	16.5	84.7	228.5	21	105.9
Mayo	18.2	26.6	21.5	29.8	16.6	80.9	174.0	24	157.2
Junio	17.6	24.8	20.6	27.8	16.2	85.5	213.4	22	122.7
Julio	18.5	27.7	22.4	30.9	16.9	61.9	101.7	14	220.0
Agosto	19.0	29.4	23.6	31.8	17.6	55.4	25.4	6	185.4
Septiembre	17.9	26.6	21.3	29.4	16.7	78.0	296.0	20	130.1
Octubre	17.9	25.7	20.8	29.6	16.8	82.4	138.6	21	150.9
Noviembre	17.3	25.0	20.2	28.1	15.9	85.8	349.0	23	132.4
Diciembre	18.3	26.1	21.4	30.2	16.9	82.4	63.2	11	174.9
Promedio :	17.9	25.9	21.1			79.4			
Absoluta :				31.8	15.8				
Total :							2239.8	218	1780.2



Estación : SANTA ROSITA **Dpto. : CUNDINAMARCA** **Latitud : 5 ° 17 ' N**
Año : 1997 **Mpio. : EL PEÑON** **Longitud : 74 ° 17 ' W**
Altitud : 1430 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	23.2	18.7	85.7	0.0	3.6	3.6	1.0
2	15.8	21.8	17.1	94.7	20.3	0.0	20.3	.9
3	15.3	23.8	18.2	86.3	0.0	0.0	0.0	1.8
4	15.9	26.1	19.4	82.7	0.0	0.0	0.0	5.8
5	14.9	23.5	19.2	84.3	0.0	0.0	0.0	1.9
6	16.7	26.0	20.0	80.0	0.0	0.0	0.0	2.2
7	16.5	26.2	20.3	78.3	0.0	0.0	0.0	4.9
8	16.0	25.4	19.5	83.3	0.0	21.3	21.3	2.3
9	16.4	22.9	18.6	88.3	0.0	42.0	42.0	.9
10	15.8	22.4	17.8	91.3	8.0	3.6	11.6	.9
11	16.0	22.0	17.6	93.0	0.0	0.0	0.0	6.0
12	16.1	25.0	19.2	83.3	0.0	0.0	0.0	0.0
13	15.0	24.7	19.4	82.0	0.0	0.0	0.0	4.6
14	14.9	25.0	18.8	81.7	4.4	0.0	4.4	2.1
15	15.0	24.2	18.4	85.7	0.0	0.0	0.0	2.9
16	15.8	23.0	18.2	91.0	0.0	0.0	0.0	.9
17	15.5	22.0	17.8	90.0	0.0	0.0	0.0	1.0
18	15.1	23.3	18.0	85.3	0.0	0.0	0.0	3.1
19	14.9	21.6	17.5	87.0	0.0	0.0	0.0	1.3
20	14.2	26.8	19.7	80.0	0.0	0.0	0.0	6.0
21	15.5	25.1	19.0	84.0	21.9	0.0	21.9	.7
22	15.6	24.9	19.4	84.0	0.0	0.0	0.0	3.3
23	15.8	25.9	20.3	79.0	0.0	0.0	0.0	4.0
24	16.0	24.1	19.8	84.0	0.0	9.5	9.5	2.6
25	16.1	23.1	19.6	87.7	0.0	46.8	46.8	0.0
26	16.0	25.0	19.6	88.0	0.0	.4	.4	2.4
27	16.7	25.2	19.2	84.3	.7	0.0	.7	4.3
28	15.8	25.7	20.0	82.0	0.0	0.0	0.0	6.0
29	16.8	26.0	20.1	80.3	0.0	0.0	0.0	0.0
30	16.1	25.5	20.0	77.3	0.0	0.0	0.0	5.5
31	15.2	25.3	19.6	79.0	0.0	0.0	0.0	4.7
Total :					55.3	127.2	182.5	84.0
Promedio :	15.7	24.3	19.0	84.6				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	25.0	20.0	80.7	0.0	0.0	0.0	4.5
2	16.0	26.3	20.4	78.3	0.0	0.0	0.0	4.4
3	16.0	26.2	18.8	82.7	14.9	0.0	14.9	3.4
4	15.1	26.8	18.9	82.0	8.1	6.9	15.0	3.2
5	14.8	18.2	16.3	86.0	0.0	0.0	0.0	.1
6	14.3	24.8	18.4	82.3	53.0	0.0	53.0	4.0
7	14.5	26.1	20.4	77.3	0.0	15.2	15.2	5.9
8	15.3	23.2	19.6	82.3	0.0	10.2	10.2	1.9
9	15.0	25.1	18.8	81.0	37.0	0.0	37.0	2.2
10	15.2	23.2	19.2	82.0	.2	.4	.6	1.6
11	15.8	24.3	18.8	82.7	2.9	0.0	2.9	1.4
12	16.0	24.9	19.0	85.7	0.0	0.0	0.0	1.6
13	14.9	27.0	20.4	81.3	9.6	7.5	17.1	5.5
14	15.9	27.3	20.8	80.7	0.0	0.0	0.0	5.7
15	16.0	29.1	19.6	77.3	56.0	0.0	56.0	6.4
16	16.1	26.8	20.0	79.0	0.0	30.0	30.0	4.2
17	16.8	25.4	19.4	87.7	0.0	0.0	0.0	2.9
18	15.1	23.8	19.2	86.0	0.0	27.0	27.0	1.7
19	15.3	26.1	20.6	76.0	0.0	.8	.8	5.2
20	16.1	27.0	21.1	71.3	0.0	0.0	0.0	7.7
21	16.8	25.7	20.9	78.7	0.0	0.0	0.0	5.3
22	16.9	26.1	19.4	84.3	0.0	0.0	0.0	0.0
23	16.7	26.3	20.2	84.0	5.3	.4	5.7	3.0
24	16.5	27.1	20.7	83.7	18.0	0.0	18.0	3.4
25	16.2	27.2	21.0	74.7	0.0	0.0	0.0	4.0
26	16.9	27.4	20.7	81.7	0.0	0.0	0.0	3.4
27	17.2	29.5	21.7	75.3	1.2	9.4	10.6	8.2
28	16.8	29.0	22.5	73.7	0.0	0.0	0.0	8.5
29								
30								
31								
Total :					206.2	107.8	314.0	109.3
Promedio :	15.9	25.9	19.9	80.7				

Estación : SANTA ROSITA
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : EL PEÑON

Latitud : 5 ° 17 ' N
Longitud : 74 ° 17 ' W
Altitud : 1430 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.0	21.7	76.3	0.0	5.3	5.3	2.9
2	16.8	27.5	21.4	83.0	0.0	0.0	0.0	6.2
3	17.6	26.2	20.7	84.0	0.0	7.0	7.0	4.7
4	17.0	28.5	21.7	82.0	0.0	.5	.5	4.0
5	16.0	25.2	20.1	78.7	0.0	0.0	0.0	1.3
6	15.8	28.1	21.8	57.7	0.0	0.0	0.0	6.5
7	15.9	29.2	22.6	53.0	0.0	0.0	0.0	8.9
8	16.5	27.7	22.3	74.7	0.0	0.0	0.0	6.8
9	17.8	26.9	22.2	74.0	0.0	0.0	0.0	6.5
10	17.1	28.9	21.5	77.7	0.0	1.2	1.2	5.5
11	17.0	27.2	22.0	78.3	0.0	18.2	18.2	4.1
12	16.0	27.9	20.0	82.3	1.2	20.0	21.2	5.5
13	16.2	23.2	17.9	88.3	8.4	.4	8.8	.7
14	15.0	28.2	22.3	75.7	0.0	99.2	99.2	7.0
15	15.7	27.8	21.0	80.0	0.0	.2	.2	5.6
16	17.2	21.8	18.8	94.0	7.9	.2	8.1	.1
17	16.2	20.3	17.6	97.7	14.9	0.0	14.9	0.0
18	16.9	23.2	19.6	88.7	0.0	.2	.2	.3
19	16.6	24.4	19.3	89.0	.4	0.0	.4	1.7
20	16.3	26.7	21.0	79.0	0.0	1.4	1.4	7.5
21	17.0	25.3	20.2	83.0	0.0	0.0	0.0	4.4
22	16.0	27.2	20.6	79.7	0.0	4.4	4.4	7.8
23	17.0	24.8	19.7	85.0	2.8	0.0	2.8	4.9
24	16.9	26.4	20.9	82.0	0.0	0.0	0.0	4.5
25	17.0	26.8	21.0	80.0	0.0	0.0	0.0	4.6
26	17.4	26.2	19.2	88.7	0.0	0.0	0.0	2.6
27	16.9	25.7	20.4	80.0	0.0	0.0	0.0	6.1
28	16.0	25.9	19.8	78.3	0.0	0.0	0.0	6.1
29	15.3	26.0	20.8	79.3	2.2	35.6	37.8	3.9
30	16.0	25.6	20.8	81.0	0.0	0.0	0.0	3.5
31	16.1	25.7	20.6	88.0	.5	11.9	12.4	3.1
Total :					38.3	205.7	244.0	137.3
Promedio :	16.5	26.2	20.6	80.6				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	24.9	17.6	96.3	9.6	0.0	9.6	2.0
2	15.7	26.8	19.6	83.0	1.5	11.8	13.3	5.2
3	16.2	25.6	20.8	85.7	0.0	.2	.2	3.7
4	16.3	25.1	19.8	83.7	0.0	.3	.3	1.8
5	16.6	25.2	20.6	84.3	0.0	0.0	0.0	2.9
6	15.7	26.7	20.0	80.7	3.0	19.1	22.1	1.5
7	16.0	27.8	20.6	77.7	14.5	0.0	14.5	3.9
8	17.0	25.3	20.4	84.3	1.0	2.0	3.0	1.5
9	15.8	26.0	20.4	83.0	5.7	29.0	34.7	1.9
10	16.2	24.1	20.1	85.7	0.0	6.9	6.9	1.8
11	16.9	25.2	20.6	86.0	2.2	0.0	2.2	2.5
12	17.4	25.8	22.2	83.3	0.0	0.0	0.0	1.8
13	16.8	29.2	20.8	80.0	7.8	.3	8.1	7.1
14	16.7	25.6	20.3	86.7	0.0	.3	.3	4.2
15	16.2	27.2	19.3	93.7	10.0	0.0	10.0	3.9
16	15.9	27.4	21.1	81.7	.7	0.0	.7	6.9
17	16.7	26.1	20.6	85.3	.4	8.3	8.7	3.3
18	16.9	24.0	20.4	77.3	0.0	10.9	10.9	1.8
19	16.0	22.0	19.3	91.0	1.7	0.0	1.7	.3
20	16.3	26.0	19.7	87.0	13.8	15.2	29.0	1.9
21	15.9	24.2	19.4	87.7	.5	0.0	.5	.4
22	16.0	23.5	18.3	88.7	38.6	0.0	38.6	.4
23	14.1	27.4	19.3	82.7	28.6	18.6	47.2	3.8
24	15.8	24.2	20.1	87.7	0.0	3.7	3.7	2.8
25	15.2	23.5	18.9	91.3	.5	1.5	2.0	.9
26	16.0	25.6	19.3	86.3	42.9	1.3	44.2	4.0
27	16.5	26.9	20.2	85.0	1.3	.2	1.5	5.2
28	16.0	27.1	20.8	84.7	0.0	0.0	0.0	5.5
29	16.9	27.7	20.4	80.7	43.8	0.0	43.8	7.1
30	16.5	26.2	21.8	74.0	0.0	0.0	0.0	3.6
31								
Total :					228.1	129.6	357.7	93.6
Promedio :	16.2	25.7	20.1	84.8				

Estación : SANTA ROSITA **Dpto. : CUNDINAMARCA** **Latitud : 5 ° 17 ' N**
Año : 1997 **Mpio. : EL PEÑON** **Longitud : 74 ° 17 ' W**
Altitud : 1430 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	26.2	21.2	75.3	0.0	0.0	0.0	3.2
2	16.5	28.1	21.7	68.3	0.0	0.0	0.0	5.8
3	17.5	27.5	21.2	82.3	0.0	3.8	3.8	7.1
4	17.3	22.9	19.2	91.3	0.0	0.0	0.0	.8
5	15.9	27.9	20.2	81.3	1.8	0.0	1.8	6.1
6	17.4	26.8	20.8	81.0	.6	0.0	.6	5.3
7	17.3	26.2	20.2	84.7	1.2	0.0	1.2	1.9
8	16.1	29.7	23.3	67.0	0.0	0.0	0.0	9.8
9	17.5	28.2	22.2	76.0	0.0	0.0	0.0	5.3
10	17.6	26.2	21.6	80.0	0.0	1.9	1.9	4.2
11	17.2	25.4	20.5	75.0	0.0	0.0	0.0	4.4
12	16.5	27.8	21.0	80.7	.4	2.4	2.8	6.2
13	17.2	27.7	21.0	82.7	7.4	0.0	7.4	4.5
14	16.3	24.9	20.0	89.0	.5	0.0	.5	2.8
15	17.2	26.8	20.4	83.3	2.6	0.0	2.6	4.8
16	16.5	28.5	22.1	79.0	3.5	.1	3.6	7.6
17	18.4	26.4	21.7	83.0	4.8	.2	5.0	4.2
18	18.2	28.9	21.5	78.3	1.0	0.0	1.0	8.9
19	17.2	29.4	22.8	70.3	0.0	0.0	0.0	6.4
20	17.5	26.5	20.8	71.3	0.0	0.0	0.0	3.0
21	17.7	28.5	21.8	82.3	1.7	.3	2.0	5.7
22	18.0	27.9	21.8	76.3	0.0	0.0	0.0	7.5
23	17.2	28.4	20.8	81.3	19.4	0.0	19.4	4.8
24	16.5	28.5	23.0	72.7	0.0	0.0	0.0	7.7
25	18.5	28.5	21.9	77.7	0.0	0.0	0.0	4.6
26	18.0	22.4	20.2	91.7	0.0	19.2	19.2	.1
27	17.2	25.9	21.4	82.7	0.0	0.0	0.0	4.0
28	17.1	27.2	21.1	81.0	.2	.7	.9	4.2
29	17.5	26.4	21.8	77.3	0.0	0.0	0.0	3.8
30	17.2	26.8	21.1	79.0	0.0	2.0	2.0	2.5
31	17.6	26.2	20.1	83.3	2.0	2.0	4.0	4.4
Total :					47.1	32.6	79.7	151.6
Promedio :	17.2	27.1	21.2	79.5				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	24.7	20.4	86.3	.6	0.0	.6	1.4
2	16.2	26.9	20.4	77.3	7.6	4.1	11.7	7.5
3	16.0	27.0	20.2	83.3	11.9	.5	12.4	5.6
4	15.6	20.2	18.5	91.0	0.0	0.0	0.0	0.0
5	16.5	27.5	20.4	82.0	8.3	41.2	49.5	6.5
6	16.8	25.2	20.4	87.3	0.0	34.7	34.7	2.6
7	16.0	25.7	19.7	85.3	.5	39.8	40.3	4.0
8	16.2	22.0	19.0	89.3	12.1	0.0	12.1	0.0
9	16.6	25.2	20.1	85.3	0.0	49.7	49.7	3.0
10	15.5	26.8	19.8	81.0	0.0	0.0	0.0	6.0
11	16.6	26.7	19.7	82.7	38.0	2.5	40.5	6.1
12	16.7	25.4	19.8	85.7	0.0	0.0	0.0	3.4
13	16.2	24.2	19.8	87.3	0.0	0.0	0.0	2.0
14	17.4	26.5	20.4	81.7	0.0	0.0	0.0	3.1
15	16.7	26.2	21.5	79.0	0.0	0.0	0.0	3.8
16	16.8	27.8	20.3	80.7	.2	4.5	4.7	6.9
17	16.2	27.2	20.0	82.7	7.0	.1	7.1	7.6
18	16.8	24.4	19.7	91.7	8.9	0.0	8.9	3.1
19	17.1	24.8	20.3	85.0	0.0	0.0	0.0	4.9
20	17.4	26.4	21.2	80.7	3.7	0.0	3.7	6.7
21	16.5	26.6	20.2	83.0	25.0	2.1	27.1	3.4
22	16.5	26.2	21.8	82.7	0.0	0.0	0.0	5.6
23	17.8	26.7	22.5	75.7	.1	0.0	.1	5.0
24	16.8	24.8	20.8	80.0	0.0	0.0	0.0	2.1
25	17.2	25.2	18.9	93.3	6.2	0.0	6.2	2.2
26	16.5	21.9	18.4	95.7	1.6	0.0	1.6	.6
27	16.6	25.5	19.4	84.3	4.5	0.0	4.5	3.0
28	16.2	27.8	22.7	66.3	0.0	0.0	0.0	9.8
29	15.8	28.4	22.8	69.7	0.0	.6	.6	6.1
30	17.5	24.2	20.2	88.0	.4	1.6	2.0	4.2
31								
Total :					136.6	181.4	318.0	126.2
Promedio :	16.6	25.6	20.3	83.5				

Estación : SANTA ROSITA | **Dpto. : CUNDINAMARCA** | **Latitud : 5 ° 17 ' N**
Año : 1997 | **Mpio. : EL PEÑON** | **Longitud : 74 ° 17 ' W**
Altitud : 1430 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	25.5	20.2	76.3	0.0	0.0	0.0	5.7
2	15.7	27.7	21.4	59.3	0.0	0.0	0.0	8.0
3	17.1	25.1	19.2	76.3	3.7	0.0	3.7	2.6
4	16.5	27.2	21.9	62.7	0.0	0.0	0.0	9.4
5	17.1	24.2	20.2	76.3	0.0	0.0	0.0	3.1
6	15.9	27.9	22.0	67.7	1.1	0.0	1.1	8.2
7	16.9	27.5	20.9	77.0	0.0	0.0	0.0	4.4
8	16.9	27.9	20.8	78.0	0.0	0.0	0.0	5.1
9	17.2	25.5	21.1	63.0	0.0	0.0	0.0	5.6
10	16.2	26.9	20.5	70.7	.3	0.0	.3	6.6
11	16.5	28.2	21.2	72.0	0.0	0.0	0.0	6.4
12	17.4	27.3	22.6	55.3	0.0	0.0	0.0	9.5
13	16.4	28.7	23.5	46.0	0.0	0.0	0.0	8.8
14	18.7	27.8	22.9	57.0	0.0	0.0	0.0	8.3
15	16.2	27.8	20.8	72.7	6.5	.4	6.9	4.5
16	16.5	27.9	20.6	76.3	4.2	0.0	4.2	6.8
17	15.5	26.8	21.5	67.0	.2	0.0	.2	7.6
18	17.2	25.9	22.1	58.7	0.0	0.0	0.0	5.8
19	16.8	30.4	23.4	51.7	0.0	0.0	0.0	9.1
20	17.2	30.8	24.0	51.7	0.0	0.0	0.0	8.3
21	16.9	26.8	21.8	65.7	0.0	0.0	0.0	4.0
22	17.4	26.5	21.2	67.3	0.0	0.0	0.0	4.3
23	17.6	29.1	22.9	56.7	0.0	0.0	0.0	6.1
24	18.2	30.5	24.2	50.0	0.0	0.0	0.0	10.0
25	17.4	27.6	22.2	61.3	0.0	0.0	0.0	4.6
26	17.1	30.7	24.2	46.3	0.0	0.0	0.0	7.8
27	17.4	26.4	22.0	62.0	0.0	0.0	0.0	2.8
28	18.2	27.9	22.5	64.0	0.0	.9	.9	2.9
29	17.0	24.3	19.2	85.3	4.4	0.0	4.4	3.1
30	16.4	25.7	21.2	75.3	0.0	0.0	0.0	4.4
31	17.8	27.6	21.3	74.0	1.4	.1	1.5	5.6
Total :					21.8	1.4	23.2	189.4
Promedio :	17.0	27.4	21.7	65.3				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	29.8	23.4	59.7	0.0	0.0	0.0	8.9
2	17.2	28.9	22.8	55.0	0.0	0.0	0.0	7.4
3	17.4	29.4	23.2	60.3	0.0	0.0	0.0	7.1
4	17.7	31.2	24.3	48.7	0.0	0.0	0.0	7.8
5	17.4	28.4	22.9	58.0	0.0	0.0	0.0	7.6
6	18.2	28.8	23.0	57.7	0.0	0.0	0.0	3.4
7	17.9	29.9	23.6	42.7	0.0	0.0	0.0	9.0
8	17.8	27.7	23.2	48.3	0.0	0.0	0.0	5.7
9	17.4	27.8	20.4	69.3	.7	0.0	.7	1.6
10	16.8	26.2	20.6	62.7	0.0	0.0	0.0	6.2
11	15.8	28.2	22.2	69.7	0.0	0.0	0.0	3.3
12	17.5	26.7	22.6	55.3	0.0	0.0	0.0	3.7
13	17.8	28.8	23.2	58.0	0.0	0.0	0.0	2.7
14	18.4	26.5	21.7	65.3	0.0	0.0	0.0	3.7
15	17.2	28.3	22.2	66.0	0.0	0.0	0.0	3.8
16	17.4	30.2	23.6	66.0	0.0	1.9	1.9	5.6
17	17.9	29.9	22.8	65.7	0.0	0.0	0.0	5.6
18	16.5	28.5	23.8	51.3	0.0	0.0	0.0	6.2
19	18.6	25.7	21.6	66.3	7.7	0.0	7.7	3.4
20	17.2	29.5	23.0	53.3	0.0	0.0	0.0	7.2
21	17.5	30.2	24.0	44.0	0.0	0.0	0.0	6.0
22	18.4	29.2	23.2	59.3	0.0	0.0	0.0	3.9
23	17.5	29.7	23.4	59.3	0.0	0.0	0.0	7.5
24	17.2	29.9	23.0	68.7	0.0	0.0	0.0	3.3
25	17.4	31.5	24.6	58.7	0.0	0.0	0.0	7.3
26	18.8	30.2	24.6	53.3	0.0	0.0	0.0	5.1
27	18.6	27.8	23.6	49.0	0.0	0.0	0.0	1.8
28	18.5	31.9	24.9	40.3	0.0	0.0	0.0	8.3
29	16.7	32.4	25.0	34.7	0.0	0.0	0.0	8.7
30	16.5	31.8	23.0	60.0	0.0	0.0	0.0	6.6
31	17.4	28.9	22.8	72.3	1.5	0.0	1.5	2.1
Total :					9.9	1.9	11.8	170.5
Promedio :	17.5	29.2	23.1	57.4				

Estación : SANTA ROSITA | **Dpto. : CUNDINAMARCA** | **Latitud : 5 ° 17 ' N**
Año : 1997 | **Mpio. : EL PEÑON** | **Longitud : 74 ° 17 ' W**
Altitud : 1430 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.2	21.7	78.7	0.0	0.0	0.0	2.2
2	17.0	26.5	19.4	82.3	15.7	0.0	15.7	2.4
3	15.2	29.9	22.0	68.0	0.0	0.0	0.0	6.5
4	16.5	29.8	22.2	70.7	0.0	0.0	0.0	5.9
5	17.5	27.0	22.0	79.7	.4	28.6	29.0	2.1
6	16.4	27.4	21.2	76.0	0.0	0.0	0.0	4.8
7	17.7	25.2	19.8	89.7	0.0	9.0	9.0	1.8
8	16.5	24.9	20.2	84.3	0.0	17.4	17.4	3.1
9	16.7	25.6	20.2	79.3	0.0	.4	.4	3.2
10	17.5	29.2	22.2	76.3	0.0	0.0	0.0	5.9
11	17.4	29.5	21.2	80.7	1.3	0.0	1.3	4.6
12	17.2	30.2	23.9	56.3	0.0	0.0	0.0	8.6
13	17.5	29.9	23.2	65.0	0.0	0.0	0.0	6.0
14	17.2	29.5	21.8	75.3	1.9	0.0	1.9	5.0
15	18.2	26.8	21.9	68.3	0.0	0.0	0.0	3.1
16	17.8	29.2	23.2	47.7	0.0	0.0	0.0	6.0
17	16.5	30.0	22.8	54.0	0.0	0.0	0.0	6.6
18	16.4	29.1	22.5	59.3	0.0	0.0	0.0	3.9
19	17.2	27.2	22.1	77.7	0.0	0.0	0.0	2.2
20	17.4	26.8	21.4	69.7	0.0	10.3	10.3	3.4
21	15.8	27.2	19.5	82.0	0.0	11.2	11.2	3.8
22	16.1	26.0	20.6	79.7	9.8	5.7	15.5	2.8
23	16.2	24.4	19.0	86.3	0.0	1.2	1.2	.2
24	16.4	25.5	21.0	79.0	0.0	3.1	3.1	1.9
25	17.3	26.8	19.8	80.7	6.7	11.7	18.4	4.0
26	16.0	26.4	19.6	90.0	10.5	0.0	10.5	4.6
27	17.2	27.2	21.2	80.7	23.8	0.0	23.8	3.9
28	16.5	27.4	21.9	69.7	0.0	0.0	0.0	3.4
29	17.6	27.7	20.9	74.3	0.0	0.0	0.0	6.7
30	16.8	27.9	21.2	74.7	7.4	0.0	7.4	4.2
31								
Total :					77.5	98.6	176.1	122.8
Promedio :	16.9	27.6	21.3	74.5				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	26.8	22.2	79.3	0.0	.6	.6	6.7
2	16.5	27.8	19.8	80.0	8.9	.2	9.1	4.5
3	16.4	26.5	21.0	79.7	0.0	0.0	0.0	3.5
4	17.3	27.9	21.1	82.3	0.0	1.2	1.2	4.9
5	17.8	26.2	21.2	78.7	0.0	0.0	0.0	2.6
6	17.5	26.4	21.2	79.0	0.0	0.0	0.0	4.7
7	17.0	27.6	21.5	67.3	0.0	0.0	0.0	5.8
8	17.4	30.2	23.8	48.3	0.0	0.0	0.0	8.6
9	17.5	27.5	21.0	72.7	7.9	1.3	9.2	4.9
10	17.2	28.5	21.2	79.7	0.0	0.0	0.0	7.1
11	16.5	25.7	20.3	83.7	20.4	.2	20.6	4.3
12	16.3	27.2	21.4	82.0	0.0	22.1	22.1	4.7
13	17.4	23.4	19.6	82.7	26.6	0.0	26.6	5.4
14	16.3	26.8	21.2	79.3	0.0	15.0	15.0	3.2
15	16.1	26.9	20.8	84.0	0.0	5.0	5.0	3.0
16	17.0	26.5	18.0	95.0	39.8	22.1	61.9	2.2
17	15.2	26.2	20.0	83.7	1.8	3.1	4.9	5.5
18	16.0	24.5	18.6	88.7	24.0	.3	24.3	2.9
19	16.2	25.2	20.0	86.3	0.0	0.0	0.0	3.3
20	16.1	28.4	21.2	81.3	.1	0.0	.1	5.2
21	17.6	26.8	19.2	92.0	9.7	.2	9.9	4.0
22	16.0	26.2	20.4	79.7	9.6	0.0	9.6	2.4
23	16.8	26.3	21.0	81.0	1.2	0.0	1.2	4.3
24	17.9	29.2	23.0	76.7	0.0	0.0	0.0	5.9
25	17.0	28.7	21.8	80.3	1.8	0.0	1.8	4.4
26	17.4	27.8	21.6	79.7	24.7	0.0	24.7	5.4
27	16.9	26.3	20.8	85.7	.2	0.0	.2	4.1
28	16.8	26.8	20.0	79.0	18.7	0.0	18.7	4.4
29	16.2	23.8	19.2	93.7	2.9	0.0	2.9	3.6
30	16.3	28.1	21.4	80.3	0.0	0.0	0.0	5.9
31	16.3	28.2	20.3	83.0	33.1	.5	33.6	5.0
Total :					231.4	71.8	303.2	142.4
Promedio :	16.8	26.9	20.8	80.8				

Estación : SANTA ROSITA
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : EL PEÑON

Latitud : 5 ° 17 ' N
Longitud : 74 ° 17 ' W
Altitud : 1430 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.2	26.5	21.5	79.0	0.0	0.0	0.0	5.4
2	16.8	28.5	22.5	75.0	0.0	0.0	0.0	6.9
3	17.4	27.4	22.0	79.3	0.0	0.0	0.0	5.1
4	17.2	27.2	20.8	82.3	12.7	5.8	18.5	1.9
5	16.8	25.2	20.4	86.3	0.0	0.0	0.0	2.2
6	17.5	27.7	20.6	83.0	5.6	1.2	6.8	3.5
7	17.2	25.8	20.6	81.3	.5	17.9	18.4	2.4
8	17.0	24.5	20.2	88.0	2.9	48.4	51.3	1.1
9	17.1	23.2	19.2	91.7	5.7	0.0	5.7	.1
10	17.2	23.7	19.2	92.7	2.7	0.0	2.7	1.2
11	17.4	26.7	19.8	84.0	10.6	.8	11.4	4.7
12	17.0	26.5	21.3	82.0	2.4	.8	3.2	6.4
13	17.2	26.1	20.8	83.3	2.5	9.5	12.0	6.5
14	16.3	24.8	19.0	84.7	.4	0.0	.4	1.6
15	15.5	24.5	19.4	80.3	0.0	0.0	0.0	2.3
16	15.2	24.4	19.5	84.7	0.0	0.0	0.0	2.6
17	17.5	25.5	20.7	82.7	3.7	28.1	31.8	1.8
18	16.8	26.7	20.2	84.3	1.8	.3	2.1	4.6
19	16.5	26.5	20.2	83.0	6.9	28.0	34.9	6.3
20	16.4	25.7	20.1	87.0	0.0	47.9	47.9	4.1
21	16.0	25.8	20.7	82.3	0.0	14.4	14.4	5.0
22	16.5	27.2	21.8	81.0	0.0	0.0	0.0	5.6
23	17.0	28.2	22.2	76.7	0.0	0.0	0.0	5.2
24	16.8	26.4	20.8	88.0	0.0	25.1	25.1	2.4
25	16.7	26.5	20.6	84.7	0.0	6.6	6.6	5.1
26	16.5	24.9	18.2	93.0	1.0	.8	1.8	2.0
27	16.2	27.0	20.6	81.0	0.0	0.0	0.0	5.1
28	15.4	28.2	20.3	75.0	.6	29.4	30.0	8.1
29	16.2	26.7	21.8	80.7	0.0	0.0	0.0	5.6
30	16.0	27.4	21.0	85.0	4.0	0.0	4.0	4.6
31								
Total					64.0	265.0	329.0	119.4
Promedio	16.7	26.2	20.5	83.4				

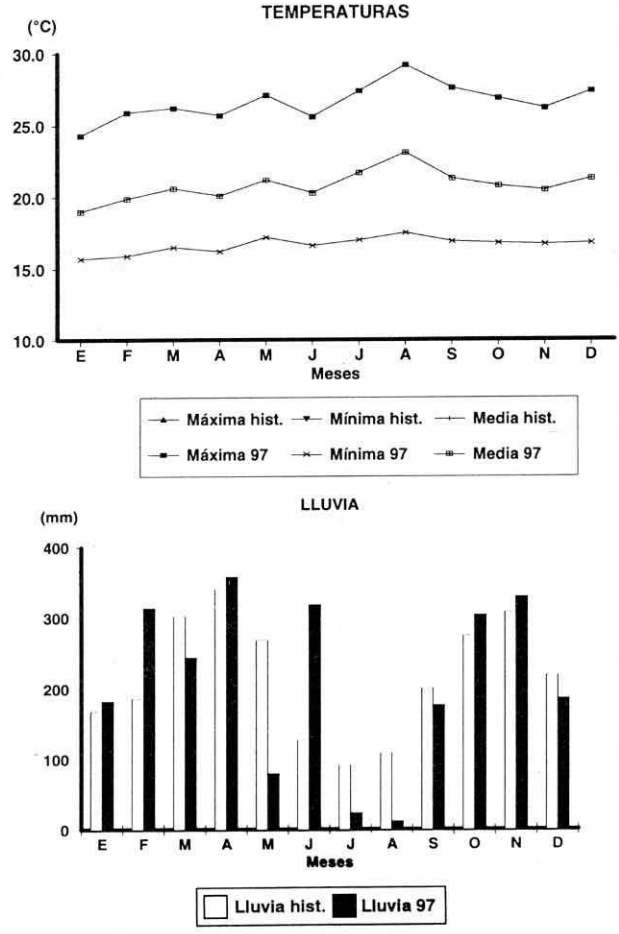
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	16.5	26.5	20.7	88.3	0.0	42.5	42.5	2.6
2	17.4	26.8	19.8	84.0	4.5	0.0	4.5	3.6
3	15.4	25.8	20.5	80.3	0.0	0.0	0.0	5.0
4	16.3	27.4	21.1	77.0	0.0	0.0	0.0	8.1
5	16.2	27.2	21.5	78.7	0.0	0.0	0.0	4.8
6	17.4	28.5	22.0	73.3	0.0	0.0	0.0	7.7
7	17.5	29.4	22.5	69.7	0.0	0.0	0.0	8.3
8	18.5	29.6	23.2	59.3	0.0	0.0	0.0	8.4
9	16.5	27.8	20.3	82.3	0.0	0.0	0.0	5.9
10	16.0	27.4	21.2	81.0	0.0	0.0	0.0	4.6
11	16.2	27.5	21.6	79.3	0.0	2.2	2.2	5.0
12	18.0	27.8	20.8	84.0	.7	21.2	21.9	3.8
13	17.0	27.6	21.0	84.3	0.0	4.4	4.4	6.0
14	17.2	27.8	21.8	79.3	0.0	0.0	0.0	6.6
15	18.2	25.4	20.2	85.0	5.4	.5	5.9	.8
16	16.4	24.5	19.3	85.7	0.0	0.0	0.0	1.2
17	17.2	25.4	20.6	83.0	0.0	37.8	37.8	3.8
18	17.4	25.7	20.3	84.7	0.0	1.4	1.4	2.9
19	15.5	26.2	20.2	84.7	0.0	14.0	14.0	5.0
20	17.0	25.5	21.0	79.7	0.0	0.0	0.0	4.4
21	17.1	27.5	21.8	77.3	0.0	0.0	0.0	6.2
22	16.5	28.5	22.0	67.0	0.0	0.0	0.0	7.3
23	16.2	30.4	23.2	56.3	0.0	0.0	0.0	9.2
24	16.7	29.5	22.8	65.0	0.0	0.0	0.0	8.2
25	16.9	28.4	22.6	69.3	0.0	0.0	0.0	8.0
26	17.2	28.7	22.2	71.0	0.0	0.0	0.0	8.9
27	16.8	29.8	23.1	73.3	4.0	0.0	4.0	7.9
28	17.2	26.6	21.8	82.7	1.4	0.0	1.4	2.2
29	17.0	28.7	20.5	75.7	.2	1.8	2.0	8.7
30	16.7	25.4	20.2	84.0	0.0	0.0	0.0	1.4
31	16.2	25.2	19.6	83.3	2.5	41.4	43.9	2.1
Total					18.7	167.2	185.9	168.6
Promedio	16.8	27.4	21.3	77.7				

Estación : SANTA ROSITA
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : EL PEÑON

Latitud : 5 ° 17 'N
Longitud : 74 ° 17 'W
Altitud : 1430 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.7	24.3	19.0	26.8	14.2	84.6	182.5	11	84.0
Febrero	15.9	25.9	19.9	29.5	14.3	80.7	314.0	16	109.3
Marzo	16.5	26.2	20.6	29.2	15.0	80.6	244.0	18	137.3
Abril	16.2	25.7	20.1	29.2	14.1	84.8	357.7	26	93.6
Mayo	17.2	27.1	21.2	29.7	15.9	79.5	79.7	18	151.6
Junio	16.6	25.6	20.3	28.4	15.5	83.5	318.0	20	126.2
Julio	17.0	27.4	21.7	30.8	15.5	65.3	23.2	9	189.4
Agosto	17.5	29.2	23.1	32.4	15.8	57.4	11.8	4	170.5
Septiembre	16.9	27.6	21.3	30.2	15.2	74.5	176.1	16	122.8
Octubre	16.8	26.9	20.8	30.2	15.2	80.8	303.2	22	142.4
Noviembre	16.7	26.2	20.5	28.5	15.2	83.4	329.0	20	119.4
Diciembre	16.8	27.4	21.3	30.4	15.4	77.7	185.9	13	168.6
Promedio :	16.6	26.6	20.8			77.7			
Absoluta :				32.4	14.1				
Total :							2525.1	193	1615.1



Estación : SANTA BARBARA
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

Latitud : 4 ° 57 ' N
Longitud : 74 ° 25 ' W
Altitud : 1450 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	23.0	19.5	87.3	.1	2.5	2.6	.3
2	16.2	23.6	18.2	92.3	.2	0.0	.2	1.0
3	16.5	23.8	19.2	86.0	0.0	0.0	0.0	2.2
4	16.0	25.3	20.1	79.3	0.0	.2	.2	5.7
5	15.5	24.5	19.4	84.3	0.0	0.0	0.0	1.3
6	17.0	26.0	20.6	84.0	0.0	26.7	26.7	3.5
7	16.4	26.6	19.8	81.3	0.0	44.4	44.4	5.5
8	16.0	25.3	20.3	83.3	.1	25.9	26.0	4.1
9	16.7	22.0	18.4	92.3	.3	15.5	15.8	.1
10	16.4	22.5	18.4	94.7	28.0	22.8	50.8	.8
11	16.0	24.9	18.8	87.3	.6	.2	.8	2.1
12	16.9	25.2	19.6	86.3	0.0	0.0	0.0	4.4
13	16.0	25.1	20.0	84.7	0.0	0.0	0.0	6.0
14	16.4	23.4	19.8	83.0	0.0	1.5	1.5	1.1
15	15.6	25.0	19.3	87.0	7.4	.3	7.7	3.4
16	17.5	22.5	19.1	89.0	0.0	20.0	20.0	.3
17	16.5	23.8	19.0	90.0	47.0	0.0	47.0	2.0
18	16.4	23.4	19.2	87.7	.9	1.7	2.6	2.0
19	16.2	22.8	19.0	86.3	0.0	0.0	0.0	.9
20	14.5	23.0	19.0	82.0	0.0	.9	.9	3.1
21	16.4	24.2	19.6	85.7	0.0	53.4	53.4	.4
22	16.0	24.3	19.6	87.7	0.0	0.0	0.0	3.1
23	16.5	24.9	19.2	84.3	.1	28.1	28.2	4.5
24	15.6	22.8	19.3	87.7	0.0	13.3	13.3	2.7
25	16.8	22.1	19.1	93.3	0.0	23.5	23.5	.6
26	16.3	23.5	19.6	89.3	0.0	3.5	3.5	1.3
27	16.0	25.4	19.3	87.7	.4	0.0	.4	4.9
28	15.4	24.8	20.3	83.3	0.0	2.6	2.6	3.8
29	16.4	25.2	20.3	82.7	0.0	0.0	0.0	5.7
30	16.8	24.3	19.4	88.3	7.6	0.0	7.6	3.9
31	14.7	24.4	19.1	87.7	.4	0.0	.4	3.8
Total :					93.1	287.0	380.1	84.5
Promedio :	16.2	24.1	19.4	86.6				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.4	25.5	19.4	82.0	2.4	0.0	2.4	4.5
2	17.1	24.5	20.3	83.0	0.0	9.1	9.1	3.8
3	15.6	24.8	19.8	88.3	3.9	2.6	6.5	4.3
4	15.5	25.5	18.9	86.7	0.0	4.7	4.7	5.2
5	15.2	20.1	17.3	94.7	5.5	0.0	5.5	.5
6	15.1	24.2	19.6	85.3	0.0	6.5	6.5	3.9
7	14.1	25.8	19.0	85.0	.2	0.0	.2	6.1
8	17.0	24.0	20.2	84.7	0.0	0.0	0.0	1.1
9	15.3	26.5	20.2	84.0	0.0	.4	.4	3.7
10	16.0	23.0	18.3	90.7	.2	0.0	.2	2.2
11	16.4	22.5	19.0	92.3	0.0	0.0	0.0	.7
12	16.7	22.0	18.6	91.7	4.9	1.7	6.6	1.3
13	14.5	26.0	20.7	83.0	0.0	0.0	0.0	7.2
14	16.2	26.3	21.8	66.7	0.0	0.0	0.0	4.0
15	17.0	27.2	21.0	82.3	1.2	0.0	1.2	5.7
16	16.9	24.5	19.4	89.7	19.5	.2	19.7	2.5
17	16.8	23.7	19.1	91.0	27.2	5.3	32.5	1.2
18	16.0	23.2	19.0	88.7	0.0	0.0	0.0	2.1
19	14.4	26.6	19.7	83.3	1.5	0.0	1.5	7.8
20	16.0	27.6	21.5	70.3	0.0	0.0	0.0	9.2
21	16.5	24.8	20.9	88.0	0.0	0.0	0.0	4.6
22	16.8	26.3	19.7	91.0	17.2	0.0	17.2	3.4
23	17.0	28.5	21.0	84.0	0.0	0.0	0.0	6.3
24	16.0	26.5	21.6	71.3	0.0	0.0	0.0	4.5
25	17.8	25.6	20.5	77.7	0.0	0.0	0.0	5.3
26	17.0	25.1	20.4	86.0	0.0	0.0	0.0	1.0
27	17.0	28.9	22.6	64.7	0.0	0.0	0.0	10.7
28	18.2	29.0	23.0	55.3	0.0	0.0	0.0	9.2
29								
30								
31								
Total :					83.7	30.5	114.2	122.0
Promedio :	16.2	25.3	20.1	82.9				

Estación : SANTA BARBARA **Dpto. : CUNDINAMARCA** **Latitud : 4 ° 57 ' N**
Año : 1997 **Mpio. : SASAIMA** **Longitud : 74 ° 25 ' W**
Altitud : 1450 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	28.0	21.2	75.0	0.0	25.0	25.0	4.9
2	16.7	28.5	21.5	82.7	0.0	15.9	15.9	6.6
3	17.0	26.8	21.5	82.0	0.0	0.0	0.0	4.6
4	17.4	25.5	20.6	84.3	0.0	0.0	0.0	2.8
5	16.0	25.8	20.4	81.7	0.0	0.0	0.0	2.0
6	15.0	27.4	22.0	60.7	0.0	0.0	0.0	8.0
7	14.7	27.2	22.2	56.7	0.0	0.0	0.0	8.4
8	16.0	27.5	21.2	72.7	0.0	0.0	0.0	5.0
9	17.9	26.2	21.7	78.3	0.0	0.0	0.0	3.5
10	16.8	28.0	23.0	72.7	0.0	0.0	0.0	7.3
11	16.6	27.8	22.0	76.7	0.0	0.0	0.0	6.0
12	16.2	26.0	19.5	93.3	4.5	8.5	13.0	3.0
13	16.7	23.2	18.6	89.7	2.5	.1	2.6	0.0
14	15.7	29.4	22.2	69.0	0.0	13.9	13.9	6.9
15	17.1	27.9	22.2	80.7	0.0	9.1	9.1	4.0
16	17.1	22.6	18.6	91.7	40.1	.1	40.2	.1
17	17.1	20.3	18.2	93.3	16.1	0.0	16.1	0.0
18	17.5	21.9	19.4	90.7	.5	0.0	.5	.2
19	17.4	25.8	20.2	84.0	8.5	.2	8.7	1.4
20	15.7	28.7	21.0	77.7	0.0	0.0	0.0	7.4
21	17.9	25.6	20.6	77.7	0.0	0.0	0.0	3.1
22	16.4	27.1	21.0	77.7	0.0	0.0	0.0	8.0
23	17.7	25.0	20.3	84.0	0.0	0.0	0.0	2.0
24	16.5	26.4	21.3	76.0	0.0	15.4	15.4	4.5
25	17.3	27.0	20.9	77.3	0.0	27.1	27.1	4.8
26	18.0	24.4	20.0	83.0	.3	0.0	.3	1.2
27	17.0	24.7	20.2	72.3	0.0	0.0	0.0	3.3
28	16.8	26.2	20.5	78.3	0.0	0.0	0.0	5.0
29	16.0	23.4	19.5	82.0	0.0	0.0	0.0	.3
30	16.6	25.3	20.4	79.7	.5	0.0	.5	2.5
31	17.3	24.5	19.6	90.7	.6	17.3	17.9	2.2
Total :					73.6	132.6	206.2	119.0
Promedio :	16.7	25.9	20.7	79.8				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.1	22.9	17.8	94.3	21.2	0.0	21.2	.9
2	16.4	24.6	20.3	80.3	0.0	.4	.4	2.1
3	17.0	26.3	20.2	85.7	0.0	0.0	0.0	3.4
4	17.1	24.2	20.0	81.0	0.0	0.0	0.0	.5
5	16.9	24.9	20.0	82.3	.1	0.0	.1	1.8
6	16.4	26.9	19.5	82.7	19.0	5.9	24.9	1.0
7	16.0	26.7	20.2	77.3	0.0	0.0	0.0	5.5
8	17.5	26.7	20.5	83.0	0.0	5.6	5.6	2.1
9	16.1	25.2	20.0	82.0	11.0	.9	11.9	2.5
10	17.0	23.8	19.7	90.3	2.0	12.3	14.3	1.4
11	17.5	25.8	21.1	82.3	4.9	0.0	4.9	1.9
12	16.9	25.6	20.2	89.7	1.9	0.0	1.9	1.8
13	16.1	28.2	22.3	67.7	0.0	0.0	0.0	8.4
14	17.0	25.0	20.2	82.3	.8	1.6	2.4	2.8
15	17.0	25.2	20.2	85.7	0.0	7.0	7.0	3.3
16	15.2	27.0	20.9	76.0	8.0	0.0	8.0	6.6
17	16.4	26.5	20.9	77.7	0.0	0.0	0.0	1.6
18	17.5	23.9	20.3	80.7	.1	0.0	.1	2.1
19	17.2	22.8	19.1	87.7	1.7	0.0	1.7	0.0
20	16.4	24.2	19.0	90.0	1.9	3.8	5.7	1.5
21	16.1	22.3	18.3	92.7	9.3	0.0	9.3	.2
22	16.5	22.4	18.1	92.0	10.0	0.0	10.0	.4
23	15.3	24.9	20.0	83.0	.1	0.0	.1	2.8
24	16.0	25.2	19.8	83.3	.1	2.1	2.2	1.9
25	15.5	22.5	18.8	86.7	8	3.7	4.5	.7
26	15.1	23.4	19.0	85.0	8.2	0.0	8.2	2.4
27	16.9	26.4	20.6	81.7	.1	.9	1.0	5.2
28	16.4	24.2	19.3	86.3	26.4	0.0	26.4	2.5
29	15.5	27.7	21.4	76.0	0.0	0.0	0.0	10.3
30	15.6	26.3	20.8	70.0	0.0	0.0	0.0	4.4
31								
Total :					127.6	44.2	171.8	82.0
Promedio :	16.5	25.1	20.0	83.2				

Estación : SANTA BARBARA
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

Latitud : 4 ° 57 ' N
Longitud : 74 ° 25 ' W
Altitud : 1450 m.

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	25.1	20.5	72.3	.4	0.0	.4	2.8
2	17.6	29.6	23.5	56.0	0.0	0.0	0.0	6.7
3	17.7	26.6	21.9	73.0	0.0	1.3	1.3	4.8
4	17.3	24.3	19.6	87.7	0.0	0.0	0.0	1.9
5	15.6	25.6	20.6	78.3	.5	.4	.9	3.3
6	16.6	27.5	21.3	77.3	16.1	0.0	16.1	6.4
7	16.4	25.2	20.4	82.3	.1	0.0	.1	2.3
8	15.6	29.4	23.0	63.3	0.0	0.0	0.0	9.7
9	17.4	27.6	21.1	76.3	2.1	0.0	2.1	3.8
10	16.9	27.5	21.4	71.0	1.8	3.5	5.3	4.4
11	17.8	24.2	19.4	74.0	0.0	0.0	0.0	1.5
12	15.5	27.5	20.8	76.0	.6	6.1	6.7	6.5
13	17.0	27.7	20.8	81.0	18.9	0.0	18.9	4.6
14	16.6	24.4	19.6	87.7	0.0	0.0	0.0	2.1
15	15.7	27.0	21.1	78.3	.3	0.0	.3	5.4
16	16.0	28.5	22.6	63.3	0.0	0.0	0.0	8.6
17	17.5	27.1	22.2	73.7	0.0	0.0	0.0	3.9
18	16.9	29.5	21.9	67.3	0.0	0.0	0.0	8.6
19	17.0	27.0	21.2	74.3	0.0	.3	.3	3.9
20	17.1	25.2	21.0	67.0	0.0	0.0	0.0	4.1
21	16.9	26.9	21.7	73.3	.4	.1	.5	5.1
22	16.5	26.6	21.1	73.3	0.0	0.0	0.0	3.1
23	16.2	27.5	21.0	79.0	5.9	0.0	5.9	5.9
24	17.0	29.8	22.9	71.0	0.0	0.0	0.0	6.5
25	17.4	26.5	21.0	77.0	0.0	0.0	0.0	4.3
26	17.9	21.5	19.6	94.0	6.7	73.9	80.6	0.0
27	16.3	24.4	20.0	89.3	0.0	0.0	0.0	.4
28	15.7	26.2	20.8	80.0	0.0	0.0	0.0	3.6
29	17.0	26.4	21.0	79.3	0.0	0.0	0.0	4.8
30	17.1	25.0	20.7	81.0	0.0	0.0	0.0	2.0
31	17.0	26.4	20.4	83.0	4.5	.2	4.7	1.8
Total					58.3	85.8	144.1	132.8
Promedio	16.8	26.6	21.1	76.1				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	23.8	19.4	91.7	7.4	0.0	7.4	.8
2	15.4	28.8	22.6	70.0	0.0	.8	.8	7.8
3	17.0	27.3	21.0	80.3	3.0	.2	3.2	6.7
4	16.5	21.2	18.5	92.3	.8	.3	1.1	0.0
5	15.9	26.0	20.8	77.7	17.1	67.1	84.2	5.7
6	17.0	24.0	19.8	87.7	2.4	0.0	2.4	.8
7	17.3	24.0	19.2	88.7	9.8	10.5	20.3	.9
8	17.0	23.7	19.6	86.3	9.7	0.0	9.7	1.0
9	16.0	25.8	19.8	85.7	6.2	.5	6.7	1.1
10	16.5	25.3	19.8	86.3	19.6	0.0	19.6	4.1
11	17.0	28.0	22.2	75.3	0.0	0.0	0.0	6.2
12	17.1	25.6	18.0	96.0	24.4	0.0	24.4	1.5
13	15.9	23.2	19.3	84.0	0.0	0.0	0.0	.4
14	16.8	25.4	20.2	79.0	0.0	0.0	0.0	3.0
15	15.0	25.8	21.6	78.0	0.0	0.0	0.0	3.9
16	16.5	27.5	21.4	72.7	0.0	0.0	0.0	6.6
17	16.2	27.3	21.7	72.7	0.0	0.0	0.0	7.9
18	17.2	25.4	20.7	81.3	0.0	.5	.5	1.4
19	17.8	22.5	19.2	91.3	2.9	0.0	2.9	.6
20	15.8	25.5	20.4	75.7	0.0	0.0	0.0	5.4
21	15.2	25.6	19.9	84.3	5.9	1.7	7.6	3.4
22	16.0	27.0	21.0	84.0	0.0	0.0	0.0	5.8
23	16.5	27.1	22.0	67.7	0.0	0.0	0.0	6.4
24	17.0	24.6	20.6	78.7	.6	0.0	.6	1.0
25	17.0	23.8	19.4	90.0	2.3	0.0	2.3	1.5
26	16.0	21.9	18.5	94.3	5.1	.5	5.6	.3
27	15.2	24.4	19.2	86.0	0.0	0.0	0.0	2.6
28	15.0	28.0	22.3	66.7	0.0	0.0	0.0	8.2
29	15.5	28.2	22.2	67.0	0.0	0.0	0.0	5.7
30	18.0	24.7	19.9	82.3	.3	.9	1.2	2.5
31								
Total					117.5	83.0	200.5	103.2
Promedio	16.4	25.4	20.3	81.8				

Estación : SANTA BARBARA
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

Latitud : 4 ° 57 ' N
Longitud : 74 ° 25 ' W
Altitud : 1450 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	26.0	19.6	78.7	0.0	0.0	0.0	3.2
2	18.0	26.6	20.8	57.7	0.0	0.0	0.0	6.5
3	15.0	24.7	19.0	80.0	.4	0.0	.4	3.3
4	15.6	25.4	20.4	66.0	0.0	0.0	0.0	4.5
5	16.6	24.8	19.4	80.0	3.7	0.0	3.7	1.6
6	15.6	25.5	21.0	75.0	.9	0.0	.9	3.9
7	17.0	26.0	20.8	69.0	2.7	0.0	2.7	4.2
8	15.9	26.5	20.0	74.7	3.0	0.0	3.0	5.7
9	17.2	24.2	20.2	68.0	0.0	0.0	0.0	2.9
10	15.4	26.4	19.5	78.3	5.7	0.0	5.7	4.5
11	15.8	26.6	20.3	80.7	.9	0.0	.9	3.1
12	16.9	28.3	22.6	59.3	0.0	0.0	0.0	6.2
13	15.5	28.9	23.0	52.3	0.0	0.0	0.0	6.2
14	17.4	26.0	20.9	67.7	0.0	0.0	0.0	3.5
15	17.0	26.4	21.8	64.0	.4	0.0	.4	3.1
16	16.0	28.0	21.2	70.0	0.0	0.0	0.0	5.3
17	15.2	27.0	20.1	73.7	2.0	0.0	2.0	5.3
18	17.0	26.5	22.1	55.7	0.0	0.0	0.0	8.8
19	16.6	29.4	23.2	52.0	0.0	0.0	0.0	8.5
20	17.0	29.4	24.3	47.3	0.0	0.0	0.0	8.9
21	16.8	27.1	20.7	70.0	0.0	0.0	0.0	6.3
22	19.0	25.0	21.8	62.0	.1	0.0	.1	3.1
23	17.0	25.7	22.2	61.0	0.0	0.0	0.0	7.4
24	19.0	25.3	21.4	66.7	0.0	0.0	0.0	8.3
25	18.8	25.0	21.2	66.0	0.0	0.0	0.0	3.3
26	18.0	30.6	24.5	44.0	0.0	0.0	0.0	8.8
27	18.5	23.8	22.0	59.7	0.0	0.0	0.0	2.7
28	17.9	27.0	21.8	66.7	0.0	0.0	0.0	2.3
29	16.0	25.0	20.6	81.3	.2	0.0	.2	3.5
30	17.0	24.9	19.4	91.3	2.9	0.0	2.9	.9
31	16.5	27.1	21.2	73.7	0.0	.1	.1	3.7
Total :					22.9	.1	23.0	149.5
Promedio :	16.8	26.4	21.2	67.5				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	29.1	23.4	51.7	0.0	0.0	0.0	7.5
2	17.3	28.0	23.5	53.3	0.0	0.0	0.0	5.0
3	17.0	29.9	23.0	56.7	0.0	0.0	0.0	8.8
4	19.5	28.5	24.0	52.3	0.0	0.0	0.0	7.6
5	18.0	27.2	22.8	59.3	0.0	.2	.2	4.8
6	16.4	28.5	22.5	56.7	0.0	0.0	0.0	5.1
7	19.0	29.5	23.0	52.7	0.0	0.0	0.0	9.1
8	18.6	26.5	22.0	57.0	0.0	0.0	0.0	6.3
9	17.5	26.3	20.7	62.7	0.0	0.0	0.0	1.1
10	17.0	26.0	19.8	73.0	1.5	0.0	1.5	4.3
11	14.2	28.0	22.0	58.0	0.0	0.0	0.0	4.9
12	16.0	26.6	21.9	64.7	0.0	0.0	0.0	4.1
13	17.2	26.5	22.7	64.0	0.0	0.0	0.0	3.7
14	15.9	25.0	20.7	75.3	0.0	0.0	0.0	1.5
15	17.4	25.2	21.3	68.0	0.0	0.0	0.0	1.7
16	17.4	29.8	22.8	58.0	0.0	0.0	0.0	7.9
17	17.2	27.2	23.1	59.3	0.0	0.0	0.0	3.8
18	17.3	27.7	23.3	53.0	0.0	0.0	0.0	6.3
19	18.2	24.7	21.2	77.7	1.7	0.0	1.7	1.0
20	16.6	27.3	23.2	47.0	0.0	0.0	0.0	6.8
21	16.5	29.9	24.2	45.3	1	.4	.5	6.1
22	17.7	27.2	22.8	64.3	1.0	0.0	1.0	4.7
23	16.0	29.5	22.3	62.3	0.0	0.0	0.0	5.1
24	16.2	28.2	22.8	61.3	0.0	0.0	0.0	5.5
25	15.5	29.5	23.4	63.0	0.0	0.0	0.0	7.0
26	20.5	27.6	24.0	53.7	0.0	0.0	0.0	3.2
27	19.9	29.0	23.0	55.7	0.0	0.0	0.0	6.7
28	18.5	29.9	24.6	40.3	0.0	0.0	0.0	8.4
29	15.0	30.5	23.9	44.0	0.0	0.0	0.0	9.2
30	14.8	31.0	23.1	67.0	0.0	.9	.9	8.1
31	18.5	30.3	23.6	65.7	0.0	0.0	0.0	5.8
Total :					4.3	1.5	5.8	171.1
Promedio :	17.2	28.1	22.7	58.8				

Estación : SANTA BARBARA Dpto. : CUNDINAMARCA Latitud : 4 ° 57 ' N
Año : 1997 Mpio. : SASAIMA Longitud : 74 ° 25 ' W
Altitud : 1450 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	27.5	23.0	61.0	0.0	.7	.7	1.5
2	18.0	27.0	19.9	86.7	4.0	.3	4.3	2.9
3	14.9	26.0	20.8	72.0	0.0	0.0	0.0	3.2
4	15.5	27.9	20.4	77.7	53.9	.1	54.0	4.6
5	17.0	28.5	21.2	81.7	7.7	2.3	10.0	3.8
6	17.1	28.8	22.3	68.0	0.0	.7	.7	2.1
7	16.0	23.5	20.3	87.3	.6	0.0	.6	6.1
8	16.5	24.0	20.7	88.3	1.0	41.1	42.1	2.6
9	15.5	25.0	19.7	88.0	2.5	.6	3.1	4.3
10	16.8	29.5	22.6	71.0	0.0	0.0	0.0	7.3
11	17.0	30.0	24.0	61.0	0.0	0.0	0.0	7.9
12	18.6	31.5	24.4	46.0	0.0	0.0	0.0	7.9
13	20.0	29.2	23.5	50.3	0.0	0.0	0.0	6.5
14	15.9	28.0	23.2	61.0	0.0	0.0	0.0	3.8
15	18.7	27.5	22.3	59.7	0.0	0.0	0.0	5.5
16	19.8	27.2	24.4	43.3	0.0	0.0	0.0	6.8
17	18.0	28.5	23.2	41.3	0.0	0.0	0.0	7.4
18	16.0	27.2	22.0	56.7	0.0	0.0	0.0	1.7
19	17.5	27.8	22.1	72.0	.2	0.0	.2	4.9
20	18.0	23.5	18.5	93.3	7.3	0.0	7.3	.9
21	15.2	25.0	19.9	84.7	1.7	0.0	1.7	2.3
22	18.0	23.4	19.6	90.0	3.4	6.4	9.8	.4
23	17.4	23.6	19.0	87.0	7.3	1.2	8.5	.6
24	16.0	24.5	20.8	80.7	0.0	0.0	0.0	1.6
25	18.0	28.5	21.2	80.0	0.0	1.4	1.4	4.4
26	17.2	29.8	22.0	76.7	0.0	0.0	0.0	6.0
27	17.0	27.8	21.5	71.3	0.0	0.0	0.0	3.2
28	16.8	27.0	22.6	55.7	0.0	0.0	0.0	4.1
29	17.5	28.7	23.6	53.0	0.0	0.0	0.0	8.8
30	16.0	29.0	22.0	70.7	0.0	0.0	0.0	6.3
31								
Total :					89.6	54.8	144.4	129.4
Promedio :	17.1	27.2	21.7	70.5				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	27.6	21.9	76.0	.2	12.4	12.6	6.5
2	18.2	27.5	21.2	76.3	0.0	3.7	3.7	4.4
3	16.4	28.0	21.3	71.7	0.0	0.0	0.0	3.0
4	15.9	27.5	21.1	77.7	2.9	0.0	2.9	5.3
5	18.0	27.0	21.0	82.7	0.0	0.0	0.0	4.3
6	17.0	26.8	21.8	68.3	0.0	0.0	0.0	3.9
7	18.0	26.0	23.6	51.3	0.0	0.0	0.0	6.3
8	19.0	29.7	24.8	42.7	0.0	0.0	0.0	9.4
9	16.0	29.5	22.2	72.0	0.0	0.0	0.0	7.5
10	17.9	28.9	22.2	76.0	13.5	7.0	20.5	7.3
11	17.5	27.5	20.6	85.0	1.3	3.4	4.7	6.2
12	17.2	26.8	21.4	84.3	1.8	49.1	50.9	3.4
13	16.0	23.4	17.8	95.0	6.6	0.0	6.6	2.5
14	16.5	27.4	21.0	78.3	0.0	11.2	11.2	6.0
15	18.0	25.6	20.3	85.7	3.0	19.7	22.7	3.5
16	15.8	24.4	19.0	90.7	4.4	5.1	9.5	2.2
17	15.5	26.0	19.6	82.0	.3	.6	.9	4.4
18	16.8	25.0	19.6	87.0	.4	0.0	.4	3.4
19	15.2	25.2	19.8	84.7	0.0	0.0	0.0	4.5
20	15.9	25.5	20.8	81.3	.4	7.3	7.7	4.3
21	16.5	26.0	20.6	83.3	12.8	.1	12.9	4.6
22	16.0	24.0	20.5	89.0	.1	2.2	2.3	2.3
23	16.2	28.4	21.0	81.0	0.0	0.0	0.0	6.4
24	15.5	27.5	21.5	78.3	0.0	0.0	0.0	8.9
25	15.8	29.2	22.8	76.0	2.5	0.0	2.5	10.3
26	17.1	29.0	22.5	83.0	.2	0.0	.2	6.2
27	16.5	25.8	19.8	93.0	11.3	0.0	11.3	3.7
28	16.0	27.5	20.1	79.3	45.7	0.0	45.7	6.0
29	16.5	25.2	21.2	80.0	.4	.3	.7	3.9
30	16.0	29.0	21.6	82.3	4.6	0.0	4.6	8.7
31	15.8	29.5	21.5	76.3	4.5	0.0	4.5	7.5
Total :					116.9	122.1	239.0	166.8
Promedio :	16.7	27.0	21.1	79.0				

Estación : SANTA BARBARA | **Dpto. : CUNDINAMARCA** | **Latitud : 4 ° 57 ' N**
Año : 1997 | **Mpio. : SASAIMA** | **Longitud : 74 ° 25 ' W**
Altitud : 1450 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	18.0	27.6	21.1	79.3	0.0	0.0	0.0	5.8
2	15.8	29.2	23.2	84.7	0.0	0.0	0.0	8.8
3	17.0	26.5	21.2	82.0	0.0	0.0	0.0	4.6
4	17.5	29.0	22.5	71.3	0.0	1.4	1.4	5.0
5	17.8	26.6	20.6	82.3	.1	0.0	.1	3.2
6	16.2	27.5	21.7	78.7	0.0	15.2	15.2	5.5
7	17.8	26.0	20.5	86.0	0.0	12.3	12.3	1.4
8	17.0	23.5	18.8	90.0	28.0	4.3	32.3	.2
9	17.5	22.5	19.3	93.7	8.5	0.0	8.5	0.0
10	18.0	22.0	19.0	94.7	26.4	.1	26.5	1.5
11	17.1	28.0	20.8	86.7	6.8	8.7	15.5	5.3
12	17.0	29.2	20.5	81.3	4.9	0.0	4.9	8.2
13	16.5	26.0	20.4	82.0	.2	.1	.3	4.5
14	16.2	29.0	19.4	83.7	.5	0.0	.5	1.2
15	14.8	23.2	18.2	83.0	1.8	0.0	1.8	1.4
16	15.8	23.4	19.2	82.0	0.0	4.9	4.9	2.0
17	17.0	25.3	19.0	85.0	14.9	.4	15.3	3.6
18	16.5	26.8	20.2	86.3	9.3	2.7	12.0	5.4
19	16.0	25.2	21.4	83.7	0.0	30.3	30.3	4.1
20	15.7	25.0	19.8	86.7	1.7	43.9	45.6	2.6
21	15.5	25.2	20.3	87.0	.1	0.0	.1	1.9
22	15.6	28.5	22.0	73.7	0.0	0.0	0.0	9.7
23	17.0	26.3	21.3	73.7	0.0	0.0	0.0	4.3
24	16.0	27.0	20.9	81.7	9.7	13.0	22.7	5.0
25	16.5	27.5	20.8	82.0	0.0	3.4	3.4	4.3
26	16.8	24.5	17.8	95.3	12.6	0.0	12.6	1.8
27	15.4	27.4	20.7	84.7	0.0	0.0	0.0	4.8
28	15.1	28.0	21.6	77.3	0.0	.3	.3	7.9
29	15.8	27.0	20.6	77.3	28.5	4.3	32.8	4.7
30	16.4	25.7	20.4	87.3	2.2	.2	2.4	3.3
31								
Total					156.2	145.5	301.7	122.0
Promedio	16.5	26.3	20.4	83.4				

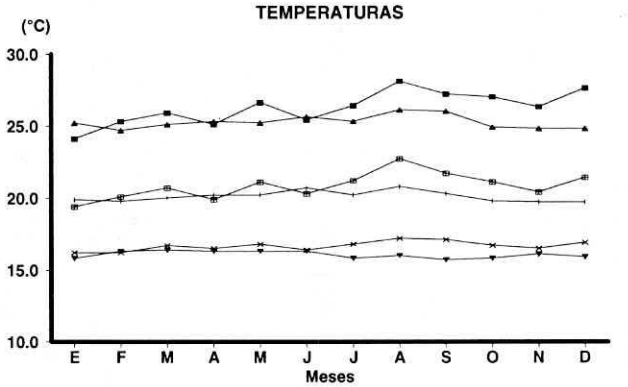
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	18.9	26.9	21.4	85.0	3.4	16.7	20.1	2.4
2	17.0	27.2	20.8	79.0	.4	0.0	.4	6.4
3	14.8	27.8	20.8	74.3	0.0	0.0	0.0	7.5
4	15.0	27.2	22.0	57.0	0.0	0.0	0.0	8.6
5	17.0	28.0	21.8	69.0	0.0	0.0	0.0	5.0
6	18.4	27.4	21.9	63.3	0.0	0.0	0.0	5.2
7	18.0	29.5	22.6	64.0	0.0	0.0	0.0	7.2
8	19.0	29.8	22.8	59.3	0.0	0.0	0.0	4.0
9	16.8	30.9	22.7	69.3	0.0	0.0	0.0	9.6
10	17.2	26.6	20.3	84.3	2.6	0.0	2.6	4.2
11	16.2	27.0	21.2	84.7	1.5	0.0	1.5	5.3
12	17.4	29.0	21.6	80.3	.1	0.0	.1	7.7
13	16.8	28.2	21.7	80.3	0.0	45.1	45.1	4.9
14	17.0	28.5	22.1	82.7	0.0	29.9	29.9	5.7
15	17.8	23.9	20.2	87.7	.3	4.6	4.9	.3
16	17.5	24.6	20.4	80.3	0.0	13.5	13.5	.6
17	18.2	24.2	19.8	88.7	0.0	0.0	0.0	1.6
18	16.0	26.0	19.5	84.7	6.1	0.0	6.1	4.9
19	14.9	25.8	21.0	80.7	0.0	1.4	1.4	4.8
20	16.9	26.2	20.3	86.0	0.0	0.0	0.0	4.0
21	15.6	27.3	20.7	79.7	0.0	0.0	0.0	7.1
22	15.6	26.5	21.4	62.0	0.0	0.0	0.0	6.7
23	16.8	32.0	23.2	42.3	0.0	0.0	0.0	9.9
24	18.5	30.2	22.5	58.0	0.0	0.0	0.0	9.3
25	15.4	29.9	21.7	57.7	0.0	0.0	0.0	9.1
26	15.8	28.5	22.7	56.0	0.0	0.0	0.0	8.4
27	16.6	30.5	23.0	52.7	0.0	0.0	0.0	8.2
28	17.0	27.9	21.3	61.0	.2	0.0	.2	5.0
29	16.8	29.9	22.3	62.0	0.0	0.0	0.0	9.6
30	17.8	23.5	20.2	76.3	7.1	0.0	7.1	.7
31	16.5	24.5	20.6	78.0	.4	14.5	14.9	3.4
Total					22.1	125.7	147.8	177.3
Promedio	16.9	27.6	21.4	71.8				

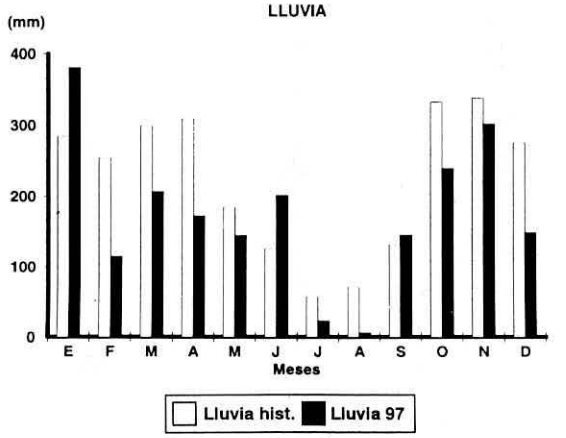
Estación : SANTA BARBARA
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

Latitud : 4 ° 57 'N
Longitud : 74 ° 25 'W
Altitud : 1450 m

MES	TEMPERATURA °C Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	PRECIPITACION Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.2	24.1	19.4	26.6	14.5	86.6	380.1	24	84.5
Febrero	16.2	25.3	20.1	29.0	14.1	82.9	114.2	15	122.0
Marzo	16.7	25.9	20.7	29.4	14.7	79.8	206.2	15	119.0
Abril	16.5	25.1	19.9	28.2	15.1	83.2	171.8	23	82.0
Mayo	16.8	26.6	21.1	29.8	15.5	76.1	144.1	15	132.8
Junio	16.4	25.4	20.3	28.8	15.0	81.8	200.5	18	103.2
Julio	16.8	26.4	21.2	30.6	15.0	67.5	23.0	13	149.5
Agosto	17.2	28.1	22.7	31.0	14.2	58.8	5.8	6	171.1
Septiembre	17.1	27.2	21.7	31.5	14.9	70.5	144.4	14	129.4
Octubre	16.7	27.0	21.1	29.7	15.2	79.0	239.0	22	166.8
Noviembre	16.5	26.3	20.4	29.2	14.8	83.4	301.7	24	122.0
Diciembre	16.9	27.6	21.4	32.0	14.8	71.8	147.8	14	177.3
Promedio :	16.7	26.3	20.8			76.8			
Absoluta :				32.0	14.1				
Total :							2078.6	203	1559.6





Estación : MESITAS DE SANTA INES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : CACHIPAY

Latitud : 4 ° 43 ' N
Longitud : 74 ° 28 ' W
Altitud : 1250 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	24.6	20.6	80.3	0.0	0.0	0.0	1.0
2	17.4	25.0	20.2	79.7	0.0	0.0	0.0	3.2
3	17.7	26.4	21.0	75.7	0.0	0.0	0.0	3.0
4	17.8	27.1	21.5	70.0	0.0	0.0	0.0	5.6
5	17.0	27.0	21.2	70.3	0.0	0.0	0.0	5.1
6	17.5	28.0	21.6	81.7	0.0	0.0	0.0	7.4
7	18.8	26.0	21.0	82.0	0.0	0.0	0.0	2.2
8	17.4	26.1	20.4	76.7	.6	7.8	8.4	4.6
9	18.3	23.0	19.5	88.0	1.9	.6	2.5	0.0
10	16.8	23.1	19.6	87.7	3.3	21.8	25.1	1.5
11	16.5	25.4	20 0	79.7	10.1	0.0	10.1	3.6
12	17.0	24.6	20.0	85.7	6.7	0.0	6.7	3.3
13	16.6	26.5	20.8	77.7	6.4	0.0	6.4	6.4
14	16.9	25.5	20.3	76.0	0.0	0.0	0.0	2.2
15	18.4	24.5	20.9	77.7	.7	0.0	.7	3.9
16	18.2	23.5	20.5	88.7	1.6	.4	2.0	.6
17	18.0	23.6	19.6	88.7	11.6	.4	12.0	1.2
18	17.1	24.8	20.5	78.7	0.0	0.0	0.0	5.1
19	16.0	24.1	20.1	67.7	0.0	0.0	0.0	3.0
20	15.8	23.6	19.8	79.3	0.0	0.0	0.0	3.1
21	17.4	21.4	19.3	91.0	0.0	0.0	0.0	.1
22	16.9	24.0	20.2	79.3	.4	0.0	.4	1.1
23	17.0	23.2	19.1	84.0	.1	3.9	4.0	2.2
24	16.7	22.7	18.9	86.3	0.0	0.0	0.0	1.2
25	17.7	24.0	19.8	87.0	0.0	8.1	8.1	1.8
26	16.6	22.2	18.7	93.0	0.0	2.5	2.5	1.6
27	17.2	24.0	20.3	78.7	0.0	0.0	0.0	1.3
28	17.1	23.4	19.9	82.3	.7	9.7	10.4	2.6
29	16.9	24.6	20.8	73.3	0.0	0.0	0.0	5.4
30	17.0	24.8	20.4	71.7	0.0	0.0	0.0	3.6
31	16.0	25.7	20.2	76.0	0.0	.4	.4	5.5
Total					44.1	55.6	99.7	92.4
Promedio :	17.2	24.6	20.2	80.5				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.0	21.2	85.0	8.9	0.0	8.9	2.9
2	16.6	25.5	21.1	77.0	.6	8.2	8.8	4.0
3	17.7	27.4	20.6	65.3	0.0	0.0	0.0	6.4
4	16.4	25.0	20.4	74.0	5.0	3.8	8.8	4.5
5	16.3	24.5	20.1	77.0	0.0	0.0	0.0	2.2
6	16.8	23.2	21.0	80.7	0.0	0.0	0.0	1.8
7	15.2	26.0	20.8	74.0	0.0	0.0	0.0	5.3
8	17.2	22.2	18.0	89.0	.3	0.0	.3	1.2
9	16.5	25.0	20.2	70.7	0.0	0.0	0.0	1.4
10	17.4	21.2	19.0	87.7	4.2	0.0	4.2	.3
11	17.6	23.2	19.0	78.0	.1	0.0	.1	1.2
12	16.8	23.1	19.3	81.3	.6	.3	.9	2.2
13	16.4	25.6	21.3	68.3	0.0	0.0	0.0	5.6
14	18.5	24.5	21.0	70.7	0.0	0.0	0.0	.8
15	19.2	28.5	23.2	56.7	0.0	0.0	0.0	6.4
16	18.0	25.5	21.0	75.0	0.0	0.0	0.0	2.4
17	18.2	24.0	20.9	74.7	0.0	0.0	0.0	1.5
18	17.5	25.3	20.6	79.7	0.0	0.0	0.0	8.4
19	16.3	26.6	21.4	64.7	0.0	1.0	1.0	7.0
20	18.0	28.0	22.5	45.0	0.0	0.0	0.0	8.1
21	17.5	26.1	22.4	61.0	0.0	0.0	0.0	5.3
22	17.5	27.5	22.5	66.7	0.0	0.0	0.0	4.5
23	19.1	27.6	23.1	66.7	0.0	0.0	0.0	4.2
24	18.3	27.8	22.1	55.3	0.0	.3	.3	5.7
25	18.5	25.5	21.2	62.7	0.0	0.0	0.0	2.9
26	18.4	25.5	21.5	73.3	1.6	0.0	1.6	2.2
27	19.2	28.0	23.0	62.7	0.0	0.0	0.0	5.4
28	17.2	29.2	23.2	44.3	0.0	0.0	0.0	8.6
29								
30								
31								
Total					21.3	13.6	34.9	112.4
Promedio :	17.5	25.6	21.1	70.3				

Estación : MESITAS DE SANTA INES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : CACHIPAY

Latitud : 4 ° 43 ' N
Longitud : 74 ° 28 ' W
Altitud : 1250 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.0	21.9	55.7	0.0	0.0	0.0	4.9
2	19.0	28.0	22.3	67.3	.6	0.0	.6	3.9
3	18.2	27.8	22.6	67.7	0.0	.3	.3	4.3
4	17.4	27.2	21.0	74.7	0.0	0.0	0.0	5.1
5	17.6	25.8	20.6	60.7	0.0	0.0	0.0	2.1
6	17.8	29.2	22.8	40.0	0.0	0.0	0.0	9.7
7	16.2	29.5	22.9	42.7	0.0	0.0	0.0	10.5
8	18.5	27.6	22.7	52.3	0.0	0.0	0.0	6.0
9	19.5	28.1	23.5	59.7	0.0	0.0	0.0	4.7
10	19.0	30.0	23.5	50.7	0.0	0.0	0.0	7.1
11	18.3	28.5	22.5	64.0	0.0	0.0	0.0	5.6
12	18.5	27.8	23.0	59.3	.1	11.1	11.2	4.7
13	17.1	23.1	18.2	93.3	4.2	0.0	4.2	.3
14	17.3	28.4	22.4	63.3	0.0	0.0	0.0	6.9
15	18.0	27.8	22.0	74.0	10.5	1.8	12.3	4.3
16	17.8	25.1	21.6	71.0	0.0	.1	.1	.2
17	18.7	21.5	19.5	91.0	1.0	0.0	1.0	0.0
18	17.7	24.4	20.4	82.3	0.0	0.0	0.0	2.2
19	17.9	24.2	20.0	84.0	0.0	12.0	12.0	.2
20	16.0	26.5	21.2	72.3	0.0	0.0	0.0	6.1
21	18.5	27.6	21.8	64.0	0.0	0.0	0.0	4.2
22	16.6	26.5	21.7	72.3	0.0	0.0	0.0	5.3
23	17.8	28.0	21.4	70.7	0.0	0.0	0.0	4.5
24	18.1	26.7	21.2	76.7	0.0	0.0	0.0	4.5
25	17.6	28.6	22.0	68.3	0.0	0.0	0.0	7.5
26	18.7	26.0	21.4	74.3	0.0	0.0	0.0	1.4
27	18.0	27.0	21.6	66.7	0.0	0.0	0.0	6.7
28	16.5	25.6	21.9	68.0	0.0	0.0	0.0	4.8
29	18.0	23.6	19.6	87.0	2.4	1.3	3.7	1.0
30	17.0	25.0	20.2	83.7	.5	0.0	.5	2.3
31	17.7	26.5	20.1	74.7	1.1	0.0	1.1	3.4
Total :					20.4	26.6	47.0	134.4
Promedio :	17.8	26.7	21.5	68.8				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	22.0	19.0	86.7	7.3	0.0	7.3	.6
2	16.7	24.0	20.2	79.0	0.0	0.0	0.0	4.2
3	18.7	25.8	21.3	71.7	0.0	7.3	7.3	1.8
4	17.2	24.5	20.1	69.7	.4	0.0	.4	.6
5	17.0	26.1	21.0	68.3	0.0	0.0	0.0	3.8
6	18.9	27.5	21.4	70.3	0.0	5.4	5.4	3.2
7	17.8	25.4	21.0	71.3	0.0	0.0	0.0	4.6
8	18.8	26.0	21.4	71.7	.1	0.0	.1	2.9
9	18.6	27.6	21.4	74.7	0.0	16.1	16.1	5.6
10	17.0	24.5	20.7	83.0	0.0	.2	.2	1.0
11	18.7	25.6	20.8	80.3	2.7	0.0	2.7	1.8
12	18.2	23.6	20.7	80.7	1.4	0.0	1.4	.5
13	18.1	27.9	22.4	57.3	0.0	0.0	0.0	8.4
14	19.0	27.0	22.5	58.0	.8	.2	1.0	4.1
15	18.4	24.6	20.4	83.7	2.9	0.0	2.9	2.0
16	17.4	26.1	21.8	60.0	0.0	3.7	3.7	5.5
17	18.2	22.4	21.2	46.3	0.0	17.4	17.4	4.7
18	16.2	24.1	19.4	83.3	0.0	0.0	0.0	2.7
19	17.6	23.0	19.7	75.7	1.8	0.0	1.8	.6
20	18.4	22.0	19.1	85.7	1.1	1.2	2.3	.7
21	17.3	20.6	18.3	94.3	2.1	0.0	2.1	.7
22	16.8	23.0	19.1	86.0	.7	0.0	.7	.4
23	17.0	27.0	19.6	78.3	12.7	0.0	12.7	3.0
24	16.5	26.6	20.1	83.0	0.0	0.0	0.0	2.5
25	17.0	23.0	17.8	87.0	30.7	0.0	30.7	.6
26	16.3	24.6	20.2	77.3	0.0	0.0	0.0	3.9
27	18.0	23.4	21.1	74.3	0.0	.1	.1	3.7
28	17.7	26.4	20.4	84.7	3.6	0.0	3.6	3.5
29	17.6	27.0	21.2	68.3	0.0	0.0	0.0	8.8
30	18.0	27.5	20.6	55.0	0.0	0.0	0.0	5.6
31								
Total :					68.3	51.6	119.9	92.0
Promedio :	17.6	25.0	20.5	74.9				

Estación : MESITAS DE SANTA INES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : CACHIPAY

Latitud : 4 ° 43 ' N
Longitud : 74 ° 28 ' W
Altitud : 1250 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.2	25.0	21.3	66.7	0.0	0.0	0.0	2.3
2	17.8	26.6	22.0	59.3	0.0	0.0	0.0	4.0
3	18.0	23.4	20.3	70.7	0.0	14.5	14.5	6.5
4	17.0	22.6	19.4	81.3	2.8	0.0	2.8	.7
5	17.2	26.8	21.1	62.0	1.0	0.0	1.0	6.2
6	18.6	25.6	21.0	66.3	0.0	0.0	0.0	3.6
7	19.2	26.5	22.0	65.7	0.0	0.0	0.0	4.4
8	17.4	27.5	23.1	61.3	0.0	.2	.2	9.6
9	17.8	25.7	21.3	69.0	0.0	0.0	0.0	4.9
10	18.6	27.6	22.5	68.0	0.0	19.2	19.2	6.3
11	17.6	22.0	18.9	92.3	9.9	0.0	9.9	.8
12	18.0	26.6	22.4	58.3	0.0	4.9	4.9	6.3
13	17.2	24.6	20.2	78.3	0.0	0.0	0.0	3.0
14	17.6	23.5	19.8	81.0	42.0	0.0	42.0	2.1
15	16.9	25.5	21 0	67.3	0.0	0.0	0.0	6.1
16	18.4	27.6	21.6	58.0	0.0	0.0	0.0	8.4
17	19.5	27.0	21.4	60.0	0.0	0.0	0.0	5.8
18	19.0	26.2	21.6	62.0	0.0	0.0	0.0	5.6
19	19.8	25.2	21.0	63.7	0.0	1.8	1.8	1.8
20	17.7	24.1	20.2	74.7	0.0	0.0	0.0	.3
21	19.0	25.8	22.3	58.3	0.0	0.0	0.0	4.4
22	19.2	26.6	21.6	65.0	0.0	0.0	0.0	6.0
23	18.4	25.0	21.6	71.7	0.0	0.0	0.0	3.8
24	19.0	28.0	23.2	65.7	0.0	0.0	0.0	3.9
25	18.6	27.6	22.3	63.3	0.0	6.5	6.5	5.5
26	18.2	23.1	20.1	84.3	0.0	43.6	43.6	.5
27	17.4	23.6	19.2	82.0	0.0	0.0	0.0	2.7
28	16.6	26.0	21.4	69.0	0.0	0.0	0.0	4.2
29	18.6	24.1	20.0	77.0	0.0	0.0	0.0	2.9
30	18.2	25.3	21.4	73.7	0.0	0.0	0.0	3.0
31	17.6	24.3	20.8	76.7	0.0	0.0	0.0	2.5
Total :					55.7	90.7	146.4	128.1
Promedio :	18.2	25.5	21.2	69.4				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	24.6	19.7	77.7	1.3	0.0	1.3	.9
2	18.5	28.0	23.6	50.7	0.0	0.0	0.0	9.3
3	19.8	27.5	22.7	65.7	0.0	1.8	1.8	5.0
4	17.8	23.5	20.1	82.3	.2	4.1	4.3	0.0
5	16.7	25.6	21.7	75.3	0.0	.4	.4	7.5
6	18.2	23.1	18.9	89.7	18.2	0.0	18.2	1.7
7	17.8	23.0	19.8	85.0	2.5	2.0	4.5	2.1
8	17.1	24.0	19.2	88.0	3.6	0.0	3.6	.8
9	17.4	23.4	20.3	83.0	0.0	0.0	0.0	.4
10	17.2	26.6	20.8	64.7	0.0	0.0	0.0	6.4
11	17.7	24.5	20.8	80.7	0.0	0.0	0.0	1.7
12	18.7	25.0	20.6	79.0	0.0	0.0	0.0	1.3
13	18.2	23.5	19.7	79.7	.5	0.0	.5	2.0
14	18.6	26.5	21.0	63.3	0.0	0.0	0.0	5.0
15	17.5	25.6	21.2	67.3	0.0	0.0	0.0	3.0
16	16.6	27.5	22.2	65.0	0.0	0.0	0.0	7.9
17	18.2	26.5	21.4	64.3	0.0	0.0	0.0	4.1
18	18.8	25.5	20.9	67.7	0.0	1.6	1.6	2.0
19	17.4	24.1	19.8	80.3	4.6	0.0	4.6	3.0
20	17.2	25.8	20.7	65.0	0.0	0.0	0.0	4.7
21	17.0	25.0	21.0	64.3	0.0	.4	.4	5.9
22	17.1	25.6	21.6	69.7	0.0	0.0	0.0	4.9
23	19.3	27.4	21.8	64.0	0.0	0.0	0.0	7.4
24	18.8	24.2	20.2	71.3	2.1	1.0	3.1	1.3
25	18.2	23.6	19.8	89.0	3.7	1.0	4.7	2.5
26	16.8	22.5	18.6	85.7	2.2	0.0	2.2	.6
27	17.2	24.6	19.8	74.3	0.0	0.0	0.0	5.3
28	17.0	27.5	21.8	63.0	0.0	0.0	0.0	9.6
29	18.5	27.0	22.8	54.7	0.0	.6	.6	6.6
30	18.2	27.0	19.8	70.0	0.0	.4	.4	4.9
31								
Total :					38.9	13.3	52.2	117.8
Promedio :	17.9	25.3	20.7	72.7				

Estación : MESITAS DE SANTA INES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : CACHIPAY

Latitud : 4 ° 43 ' N
Longitud : 74 ° 28 ' W
Altitud : 1250 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	21.7	18.0	89.7	1.0	0.0	1.0	1.7
2	16.4	26.6	20.7	55.7	0.0	0.0	0.0	8.9
3	16.2	24.6	19.8	68.7	0.0	0.0	0.0	2.7
4	17.2	25.5	20.2	68.3	0.0	0.0	0.0	3.4
5	17.8	26.0	20.2	73.7	.4	0.0	.4	2.8
6	18.0	27.0	21.6	65.3	0.0	0.0	0.0	5.4
7	17.7	25.1	21.0	66.0	0.0	0.0	0.0	4.1
8	17.6	24.3	20.3	73.7	.5	0.0	.5	3.8
9	17.2	24.1	20.6	61.7	0.0	.9	.9	2.3
10	17.4	24.5	20.0	64.3	0.0	0.0	0.0	3.1
11	18.1	26.6	22.0	58.0	0.0	0.0	0.0	3.6
12	18.0	24.6	20.6	67.3	0.0	0.0	0.0	1.7
13	16.1	27.6	22.5	53.7	0.0	0.0	0.0	4.8
14	18.4	25.4	20.6	64.7	0.0	0.0	0.0	2.5
15	17.6	26.6	20.4	67.3	5.5	0.0	5.5	2.1
16	16.5	26.1	21.5	59.0	0.0	0.0	0.0	3.1
17	16.2	27.3	22.1	53.7	0.0	0.0	0.0	6.7
18	18.9	27.5	22.2	57.3	0.0	0.0	0.0	7.1
19	17.0	27.2	22.2	54.3	0.0	0.0	0.0	8.1
20	16.8	28.5	23.1	47.7	0.0	0.0	0.0	10.2
21	17.2	27.5	21.6	58.7	0.0	0.0	0.0	6.6
22	17.3	25.6	21.5	61.0	0.0	0.0	0.0	4.0
23	17.7	27.0	22.8	58.7	0.0	0.0	0.0	5.8
24	17.6	26.5	21.8	62.3	0.0	0.0	0.0	7.5
25	17.0	24.5	21.6	62.0	0.0	0.0	0.0	1.3
26	16.7	28.5	21.9	57.7	0.0	0.0	0.0	7.1
27	18.2	26.6	22.3	57.0	0.0	0.0	0.0	2.9
28	18.0	28.3	22.2	57.7	0.0	0.0	0.0	4.3
29	17.6	25.6	21.2	66.3	0.0	0.0	0.0	2.2
30	18.7	27.7	22.0	57.3	0.0	0.0	0.0	1.9
31	18.2	29.0	22.4	59.0	0.0	0.0	0.0	5.5
Total					7.4	.9	8.3	137.2
Promedio	17.4	26.2	21.3	62.2				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	28.3	23.2	56.7	0.0	0.0	0.0	6.0
2	18.5	28.1	23.1	49.7	0.0	0.0	0.0	6.5
3	18.1	28.0	23.0	55.7	0.0	0.0	0.0	8.2
4	17.7	27.5	23.1	53.0	0.0	0.0	0.0	7.9
5	19.2	28.4	23.6	51.3	0.0	.2	.2	5.8
6	18.4	28.2	22.8	55.0	0.0	0.0	0.0	5.3
7	18.5	29.5	23.6	48.7	0.0	0.0	0.0	8.4
8	16.2	28.0	22.4	55.7	0.0	0.0	0.0	5.8
9	17.4	23.7	18.9	73.3	2.3	3.4	5.7	.5
10	16.0	24.5	19.9	64.7	0.0	0.0	0.0	2.2
11	15.4	26.1	22.0	49.0	0.0	0.0	0.0	4.5
12	17.2	27.6	22.8	49.7	0.0	0.0	0.0	4.1
13	18.0	27.0	23.0	52.3	0.0	0.0	0.0	5.0
14	18.1	25.6	20.9	66.0	0.0	0.0	0.0	1.9
15	18.8	28.0	22.2	57.0	0.0	0.0	0.0	5.1
16	18.0	29.5	24.0	50.7	0.0	.2	.2	4.9
17	18.4	27.6	22.8	64.7	0.0	0.0	0.0	6.0
18	18.8	29.4	23.8	44.7	0.0	0.0	0.0	8.8
19	19.4	24.6	21.0	69.3	.1	0.0	.1	1.1
20	17.0	29.6	23.8	47.0	0.0	0.0	0.0	10.7
21	18.2	30.2	23.8	42.3	0.0	0.0	0.0	7.4
22	18.2	27.6	22.8	53.7	0.0	0.0	0.0	6.3
23	17.2	27.6	22.3	54.7	0.0	0.0	0.0	5.9
24	19.5	30.6	24.0	49.0	0.0	0.0	0.0	8.5
25	18.0	31.0	24.3	46.3	0.0	0.0	0.0	8.1
26	20.2	27.8	24.1	55.3	0.0	0.0	0.0	6.0
27	18.8	28.6	23.3	55.7	0.0	.2	.2	5.7
28	18.2	29.8	23.5	49.7	0.0	0.0	0.0	8.7
29	16.2	30.2	23.8	36.0	0.0	0.0	0.0	10.1
30	17.6	30.8	23.1	41.7	0.0	0.0	0.0	10.1
31	18.4	29.5	23.6	54.0	0.0	0.0	0.0	5.5
Total					2.4	4.0	6.4	191.0
Promedio	18.0	28.2	22.9	53.3				

Estación : MESITAS DE SANTA INES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : CACHIPAY

Latitud : 4 ° 43 ' N
Longitud : 74 ° 28 ' W
Altitud : 1250 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.6	29.0	23.4	48.7	0.0	.2	.2	2.1
2	17.5	27.1	20.7	72.0	38.4	0.0	38.4	1.3
3	16.2	27.6	21.3	52.3	0.0	0.0	0.0	5.3
4	18.2	29.6	23.6	48.7	0.0	0.0	0.0	8.1
5	18.6	28.5	23.8	54.3	0.0	9.2	9.2	5.1
6	17.2	26.6	21.3	64.7	0.0	6.0	6.0	3.9
7	18.1	26.0	21.2	64.3	2.8	9.2	12.0	2.2
8	17.6	27.4	21.8	64.7	.3	10.6	10.9	5.9
9	18.3	24.6	22.0	62.7	0.0	0.0	0.0	2.0
10	19.4	27.4	22.8	59.0	0.0	0.0	0.0	5.7
11	20.2	28.2	23.0	50.3	0.0	0.0	0.0	6.4
12	17.8	28.6	23.2	47.3	0.0	0.0	0.0	5.2
13	18.0	30.4	23.6	40.7	0.0	0.0	0.0	8.4
14	17.6	29.5	23.4	41.0	0.0	0.0	0.0	5.7
15	19.6	28.0	23.8	50.0	0.0	0.0	0.0	4.0
16	21.5	28.6	23.5	41.7	0.0	0.0	0.0	7.2
17	18.2	31.7	24.6	32.7	0.0	0.0	0.0	9.8
18	21.0	29.3	24.1	37.3	0.0	0.0	0.0	4.9
19	20.4	29.6	24.1	46.3	0.0	3.1	3.1	5.8
20	18.3	25.7	21.0	84.3	6.7	0.0	6.7	3.6
21	17.6	27.0	22.2	60.7	0.0	0.0	0.0	4.4
22	18.8	25.6	21.1	74.0	8.9	0.0	8.9	2.8
23	17.5	22.6	19.0	95.0	11.5	.7	12.2	0.0
24	17.6	26.6	20.6	77.0	0.0	0.0	0.0	4.3
25	19.8	26.1	21.4	72.0	0.0	0.0	0.0	3.1
26	18.1	27.2	21.5	62.7	0.0	0.0	0.0	5.1
27	18.4	27.0	22.4	57.3	0.0	0.0	0.0	2.6
28	19.6	27.5	23.6	40.0	0.0	0.0	0.0	2.9
29	18.2	29.4	24.3	41.7	0.0	0.0	0.0	9.0
30	17.4	25.6	21.0	64.7	.7	0.0	.7	4.8
31								
Total					69.3	39.0	108.3	141.6
Promedio :	18.6	27.6	22.4	56.9				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.8	28.0	23.2	51.3	0.0	22.1	22.1	3.7
2	17.8	27.0	22.2	62.7	.1	3.6	3.7	3.3
3	18.2	26.0	20.8	63.0	0.0	0.0	0.0	1.7
4	19.2	29.7	23.4	43.7	0.0	0.0	0.0	9.6
5	18.5	27.6	21.8	64.0	0.0	0.0	0.0	4.0
6	18.3	28.7	22.9	51.3	0.0	0.0	0.0	6.1
7	20.6	24.5	22.6	53.0	0.0	0.0	0.0	3.1
8	18.8	29.5	23.4	40.3	0.0	0.0	0.0	8.4
9	18.4	29.6	23.7	45.3	0.0	0.0	0.0	8.8
10	19.6	28.2	22.4	67.7	.2	15.2	15.4	6.2
11	17.1	27.2	21.3	70.7	1.3	6.9	8.2	5.5
12	18.8	27.6	22.1	74.0	.9	28.0	28.9	6.7
13	16.5	22.0	18.3	83.7	8.2	0.0	8.2	2.0
14	17.2	27.6	22.1	54.3	0.0	0.0	0.0	6.9
15	18.7	27.0	20.4	73.7	.9	0.0	.9	2.8
16	17.6	23.0	19.0	82.7	0.0	.2	.2	0.0
17	18.2	25.4	21.4	70.7	0.0	2.7	2.7	2.8
18	17.2	24.0	20.0	90.3	28.0	0.0	28.0	2.6
19	17.8	24.5	20.2	83.0	0.0	0.0	0.0	3.0
20	17.8	28.0	22.4	67.0	0.0	.5	.5	4.7
21	17.3	25.0	20.9	78.0	2.4	0.0	2.4	3.2
22	17.4	26.0	21.4	66.0	0.0	0.0	0.0	4.5
23	17.2	26.2	21.2	70.3	0.0	0.0	0.0	3.7
24	20.4	28.0	23.2	46.0	0.0	0.0	0.0	7.5
25	21.0	28.5	23.2	52.3	0.0	0.0	0.0	7.3
26	19.0	27.5	22.5	59.7	0.0	0.0	0.0	5.3
27	18.7	25.1	21.1	70.7	0.0	0.0	0.0	1.3
28	17.7	27.5	22.4	54.0	0.0	0.0	0.0	5.0
29	17.8	24.6	20.8	73.7	0.0	0.0	0.0	.5
30	17.4	28.2	22.0	63.0	0.0	0.0	0.0	5.6
31	18.2	29.0	23.4	54.3	0.0	16.5	16.5	7.1
Total					42.0	95.7	137.7	142.9
Promedio :	18.3	26.8	21.8	63.9				

Estación : MESITAS DE SANTA INES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : CACHIPAY

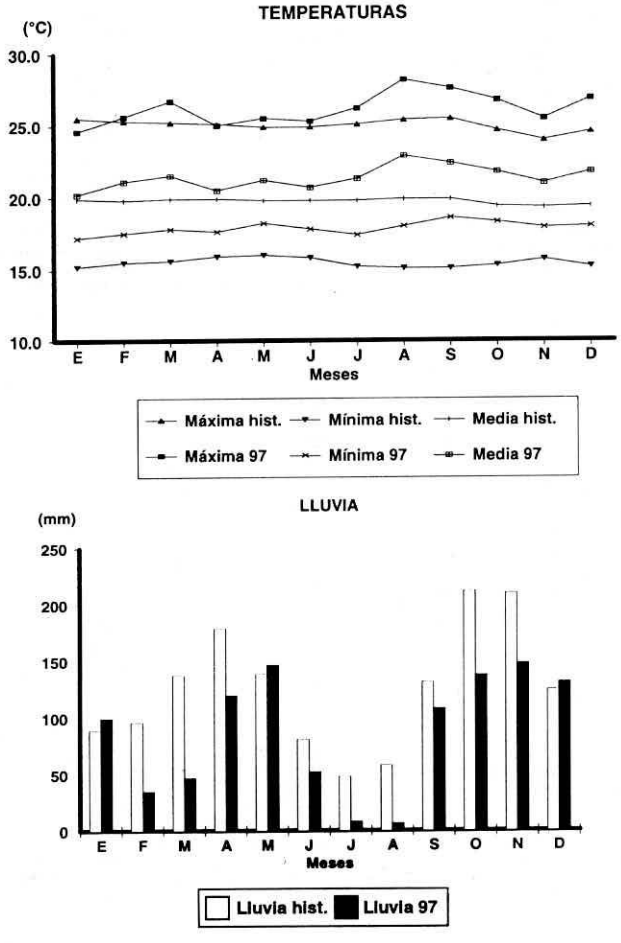
Latitud : 4 ° 43 ' N
Longitud : 74 ° 28 ' W
Altitud : 1250 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.3	24.5	19.8	86.7	.5	0.0	.5	2.0
2	18.2	28.7	22.7	53.0	0.0	.1	.1	8.5
3	18.7	26.4	20.8	68.0	.6	0.0	.6	3.2
4	18.6	28.5	23.2	49.7	0.0	0.0	0.0	6.6
5	19.3	26.9	21.4	73.7	2.7	0.0	2.7	4.1
6	19.2	28.9	23.7	57.7	0.0	14.1	14.1	4.3
7	18.2	26.0	21.0	80.3	4.1	31.5	35.6	1.7
8	18.0	25.0	20.4	79.7	.6	0.0	.6	.9
9	18.4	23.6	20.0	77.3	.3	0.0	.3	.4
10	18.8	24.1	20.4	84.3	0.0	0.0	0.0	2.5
11	17.6	25.5	21.4	74.0	0.0	8.4	8.4	3.4
12	17.4	26.2	21.0	79.3	1.8	0.0	1.8	4.2
13	17.7	25.0	21.2	79.0	21.0	0.0	21.0	4.0
14	16.7	24.6	19.9	77.7	0.0	0.0	0.0	2.7
15	16.2	23.0	19.4	85.3	8.8	0.0	8.8	2.2
16	16.0	23.6	19.6	76.0	0.0	0.0	0.0	2.1
17	17.7	25.5	21.6	72.0	0.0	1.5	1.5	2.1
18	18.4	25.6	20.6	77.0	0.0	.3	.3	3.1
19	17.8	24.4	20.9	82.7	0.0	0.0	0.0	2.2
20	17.6	24.4	20.4	81.0	0.0	0.0	0.0	3.0
21	18.6	24.0	20.0	84.0	.2	0.0	.2	2.1
22	17.0	27.6	21.8	58.3	0.0	0.0	0.0	9.6
23	20.0	27.1	23.1	42.7	0.0	0.0	0.0	5.4
24	18.2	25.0	21.3	71.3	0.0	.7	.7	4.4
25	18.9	25.2	20.3	76.7	15.6	0.0	15.6	3.2
26	17.5	23.0	18.9	90.0	22.9	0.0	22.9	.5
27	16.5	25.6	21.6	73.7	0.0	0.0	0.0	4.7
28	17.0	25.2	21.1	73.3	0.0	0.0	0.0	6.0
29	17.4	26.6	21.8	71.3	0.0	0.0	0.0	5.3
30	17.3	25.4	20.3	84.7	12.3	0.0	12.3	3.8
31								
Total :					91.4	56.6	148.0	108.2
Promedio :	17.9	25.5	21.0	74.0				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	23.4	20.6	85.7	36.4	5.4	41.8	1.4
2	17.4	25.4	20.2	80.7	39.7	0.0	39.7	5.0
3	16.8	25.5	20.7	67.0	0.0	0.0	0.0	8.4
4	16.6	26.1	22.1	50.7	0.0	0.0	0.0	7.9
5	17.8	27.6	22.1	55.3	0.0	0.0	0.0	7.8
6	19.5	27.5	22.0	59.7	0.0	0.0	0.0	6.6
7	20.0	28.1	23.0	52.0	0.0	0.0	0.0	9.9
8	19.0	28.6	23.0	46.7	0.0	0.0	0.0	9.0
9	16.8	27.7	22.4	51.0	0.0	0.0	0.0	9.2
10	17.4	27.3	22.1	60.3	0.0	0.0	0.0	6.2
11	17.8	27.5	22.2	63.3	0.0	0.0	0.0	7.2
12	18.6	26.7	21.6	69.3	0.0	0.0	0.0	7.0
13	18.0	28.6	22.6	71.0	0.0	0.0	0.0	7.8
14	18.1	27.0	20.8	80.0	28.1	7.1	35.2	4.5
15	18.6	25.5	20.7	84.0	1.1	1.3	2.4	2.5
16	18.5	26.0	20.8	79.7	.9	9.9	10.8	2.5
17	18.4	24.0	20.5	80.0	0.0	0.0	0.0	3.0
18	16.6	27.0	21.2	65.0	0.0	0.0	0.0	6.0
19	17.3	27.2	21.6	62.7	0.0	0.0	0.0	8.5
20	17.6	26.0	21.3	63.3	0.0	0.0	0.0	4.8
21	17.2	28.9	22.0	57.7	0.0	0.0	0.0	9.0
22	16.5	26.6	22.4	51.7	0.0	0.0	0.0	8.3
23	18.6	28.4	22.4	48.7	0.0	0.0	0.0	10.4
24	19.1	27.6	22.2	54.7	0.0	0.0	0.0	6.6
25	18.5	28.6	23.5	44.0	0.0	0.0	0.0	8.7
26	18.5	28.1	23.2	45.0	0.0	0.0	0.0	7.5
27	18.0	28.5	22.7	58.0	0.0	0.0	0.0	8.0
28	19.0	27.0	22.2	70.0	0.0	0.0	0.0	4.5
29	17.8	29.4	23.6	58.0	0.0	0.0	0.0	9.7
30	18.9	24.0	20.8	86.3	.2	0.0	.2	1.7
31	17.4	25.1	20.7	75.0	1.6	0.0	1.6	2.3
Total :					108.0	23.7	131.7	201.9
Promedio :	18.0	26.9	21.8	63.8				

Estación : MESITAS DE SANTA INES **Dpto. :** CUNDINAMARCA **Latitud :** 4 ° 43 'N
Año : 1997 **Mpio. :** CACHIPAY **Longitud :** 74 ° 28 'W
Altitud : 1250 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	17.2	24.6	20.2	28.0	15.8	80.5	99.7	15	92.4
Febrero	17.5	25.6	21.1	29.2	15.2	70.3	34.9	10	112.4
Marzo	17.8	26.7	21.5	30.0	16.0	68.8	47.0	11	134.4
Abril	17.6	25.0	20.5	27.9	16.2	74.9	119.9	21	92.0
Mayo	18.2	25.5	21.2	28.0	16.6	69.4	146.4	11	128.1
Junio	17.8	25.3	20.7	28.0	16.6	72.7	52.2	16	117.8
Julio	17.4	26.2	21.3	29.0	16.1	62.2	8.3	5	137.2
Agosto	18.0	28.2	22.9	31.0	15.4	53.3	6.4	5	191.0
Septiembre	18.6	27.6	22.4	31.7	16.2	56.9	108.3	11	141.6
Octubre	18.3	26.8	21.8	29.7	16.5	63.9	137.7	13	142.9
Noviembre	17.9	25.5	21.0	28.9	16.0	74.0	148.0	19	108.2
Diciembre	18.0	26.9	21.8	29.4	16.5	63.8	131.7	7	201.9
Promedio :	17.9	26.2	21.4			67.6			
Absoluta :				31.7	15.2				
Total :							1040.5	144	1599.9



Estación : MISIONES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

Latitud : 4 ° 33 ' N
Longitud : 74 ° 25 ' W
Altitud : 1540 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	21.4	17.7	95.7	6.2	0.0	6.2	.3
2	15.8	25.9	19.0	87.0	12.9	0.0	12.9	3.2
3	15.1	23.2	19.2	85.3	0.0	0.0	0.0	3.4
4	15.0	26.1	20.2	80.7	0.0	0.0	0.0	5.8
5	15.5	25.2	20.4	79.3	0.0	0.0	0.0	3.2
6	16.5	26.0	19.8	85.0	0.0	.5	.5	4.6
7	16.1	25.2	20.2	83.3	0.0	1.6	1.6	2.6
8	16.0	25.0	20.6	82.3	0.0	34.8	34.8	4.5
9	15.5	21.2	18.2	85.0	4.6	0.0	4.6	.1
10	15.9	21.7	18.0	86.7	10.6	14.8	25.4	.6
11	14.0	25.5	19.3	85.0	0.0	0.0	0.0	4.9
12	16.0	24.3	18.8	90.7	2.2	0.0	2.2	2.7
13	15.9	25.8	19.4	84.3	0.0	0.0	0.0	4.7
14	16.0	24.1	19.5	79.3	0.0	0.0	0.0	3.9
15	15.9	23.0	19.3	85.7	1.7	0.0	1.7	2.9
16	16.0	23.7	18.5	88.0	.4	2.8	3.2	.8
17	15.1	22.1	17.4	92.0	1.8	1.5	3.3	1.1
18	15.2	23.8	18.5	93.3	0.0	0.0	0.0	2.5
19	15.0	22.8	18.6	82.0	0.0	0.0	0.0	3.2
20	15.1	22.5	18.8	85.3	0.0	27.7	27.7	2.1
21	15.0	20.0	16.8	92.0	0.0	0.0	0.0	0.0
22	15.1	21.6	17.6	95.0	1.9	2.9	4.8	1.2
23	15.7	23.3	18.0	90.7	3.3	4.9	8.2	2.8
24	14.7	21.2	17.2	95.0	0.0	.8	.8	.6
25	15.9	23.8	18.0	93.3	0.0	31.2	31.2	1.8
26	14.4	20.2	17.2	96.3	3.6	27.2	30.8	.8
27	15.1	24.1	18.7	89.0	7.6	3.4	11.0	3.3
28	15.7	25.3	19.4	84.3	0.0	26.4	26.4	5.6
29	15.0	25.9	19.0	87.0	.8	2.3	3.1	7.4
30	15.2	24.8	19.8	77.3	.1	0.0	.1	6.9
31	15.1	24.0	19.2	80.3	0.0	0.0	0.0	5.3
Total					57.7	182.8	240.5	92.8
Promedio :	15.4	23.6	18.8	87.0				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	25.3	19.3	86.3	0.0	.2	.2	6.0
2	14.7	25.2	19.4	83.7	.3	8.5	8.8	5.5
3	14.4	24.8	19.2	80.7	1.7	0.0	1.7	4.5
4	16.1	24.7	19.0	88.7	0.0	9.1	9.1	1.6
5	16.2	22.1	17.4	91.7	0.0	0.0	0.0	1.9
6	15.3	21.0	18.4	87.3	0.0	0.0	0.0	1.0
7	15.1	26.2	19.6	78.7	0.0	0.0	0.0	5.5
8	15.0	20.0	17.2	93.3	0.0	0.0	0.0	.5
9	16.0	22.5	18.9	80.0	0.0	.2	.2	.6
10	16.0	20.0	17.2	91.3	.9	.1	1.0	.4
11	16.1	19.7	16.8	87.7	.7	0.0	.7	.1
12	15.7	20.8	17.2	87.3	1.4	0.0	1.4	1.1
13	15.0	24.2	20.0	85.0	0.0	0.0	0.0	4.3
14	18.0	23.0	20.0	83.0	0.0	0.0	0.0	.4
15	17.9	28.1	22.4	67.3	0.0	.3	.3	4.2
16	15.7	23.2	19.2	86.7	23.9	0.0	23.9	1.4
17	16.6	22.0	18.2	90.7	.9	0.0	.9	.7
18	15.2	24.0	18.8	90.3	0.0	0.0	0.0	2.1
19	16.0	24.8	19.8	84.3	0.0	5.1	5.1	4.3
20	17.0	27.9	21.4	70.7	0.0	0.0	0.0	5.7
21	17.8	24.7	20.6	73.7	0.0	0.0	0.0	5.2
22	17.7	27.7	21.2	76.7	0.0	0.0	0.0	5.5
23	18.7	25.6	21.5	78.0	0.0	0.0	0.0	2.2
24	17.8	25.0	20.0	79.7	0.0	0.0	0.0	2.2
25	17.7	22.2	18.9	85.3	7.0	0.0	7.0	1.6
26	18.0	24.9	19.8	87.7	1.6	0.0	1.6	3.3
27	17.9	26.2	21.0	81.0	0.0	0.0	0.0	8.0
28	17.5	27.2	21.8	64.0	0.0	0.0	0.0	8.5
29								
30								
31								
Total					38.4	23.5	61.9	88.3
Promedio :	16.4	24.0	19.4	82.9				

Estación : MISIONES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

Latitud : 4 ° 33 ' N
Longitud : 74 ° 25 ' W
Altitud : 1540 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	28.0	22.5	67.7	0.0	0.0	0.0	2.5
2	18.8	29.0	22.5	78.7	0.0	0.0	0.0	2.3
3	17.5	26.8	21.2	83.3	0.0	5.0	5.0	5.8
4	15.4	22.5	19.6	93.0	0.0	0.0	0.0	2.0
5	16.2	26.9	20.0	78.3	0.0	0.0	0.0	3.7
6	16.9	27.5	21.2	61.7	0.0	0.0	0.0	7.4
7	16.8	28.0	21.4	57.0	0.0	0.0	0.0	8.4
8	18.2	27.0	22.0	66.3	0.0	0.0	0.0	5.1
9	18.9	27.8	21.7	73.0	0.0	0.0	0.0	4.8
10	18.5	28.3	23.0	62.0	0.0	0.0	0.0	5.0
11	18.1	27.5	21.6	69.0	0.0	0.0	0.0	3.7
12	18.8	25.4	21.9	69.7	0.0	50.6	50.6	2.6
13	14.7	19.2	16.4	90.7	4.6	0.0	4.6	0.0
14	15.0	26.9	20.9	72.7	0.0	0.0	0.0	6.8
15	18.0	26.1	21.5	82.0	0.0	3.9	3.9	3.8
16	15.6	22.0	19.4	84.0	.2	5.6	5.8	.2
17	16.0	19.0	17.0	91.7	32.5	0.0	32.5	0.0
18	15.8	23.1	16.8	92.3	17.4	0.0	17.4	.8
19	16.0	24.2	18.2	86.3	6.7	27.5	34.2	.9
20	14.4	26.0	19.6	77.3	14.9	0.0	14.9	2.0
21	15.9	26.3	19.2	77.3	1.5	0.0	1.5	2.9
22	15.8	26.2	19.8	81.0	0.0	0.0	0.0	4.6
23	15.3	25.0	19.0	82.3	0.0	.5	.5	2.2
24	15.2	27.0	19.9	78.3	0.0	0.0	0.0	6.4
25	16.0	27.3	21.0	75.3	0.0	0.0	0.0	4.8
26	15.9	24.5	20.1	82.3	0.0	0.0	0.0	2.0
27	15.8	25.2	19.9	80.0	0.0	0.0	0.0	5.6
28	14.5	26.3	19.8	77.7	0.0	.9	.9	4.8
29	15.5	22.2	18.0	86.0	0.0	5.6	5.6	.6
30	15.6	21.0	17.8	90.3	1.3	0.0	1.3	.5
31	16.9	24.9	19.3	80.0	.2	.2	.4	2.5
Total :					79.3	99.8	179.1	104.7
Promedio :	16.5	25.4	20.1	78.3				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	19.2	16.6	91.3	6.6	0.0	6.6	.6
2	15.1	23.7	18.7	83.3	.2	0.0	.2	3.1
3	16.7	24.5	19.4	78.0	0.0	5.2	5.2	2.0
4	17.3	26.8	18.4	84.0	9.8	0.0	9.8	.3
5	16.2	24.6	19.6	81.3	0.0	0.0	0.0	2.6
6	17.7	25.5	20.8	78.0	0.0	1.7	1.7	2.4
7	16.0	24.1	19.8	75.3	0.0	0.0	0.0	3.5
8	17.0	24.0	19.8	78.3	1.1	0.0	1.1	2.7
9	16.5	25.2	20.0	82.3	0.0	8.9	8.9	2.8
10	15.7	23.0	19.2	86.0	3.2	0.0	3.2	1.6
11	16.3	22.2	19.4	77.7	2.9	0.0	2.9	1.0
12	17.0	22.1	19.2	82.3	2.5	0.0	2.5	1.1
13	16.3	26.6	20.8	69.7	0.0	0.0	0.0	6.3
14	18.5	27.5	21.5	67.7	5.8	0.0	5.8	4.2
15	17.1	22.2	19.6	78.7	0.0	0.0	0.0	1.4
16	17.0	25.3	20.8	70.3	0.0	2.6	2.6	6.0
17	16.7	26.0	20.8	66.7	0.0	6.8	6.8	2.5
18	14.5	22.0	17.7	92.0	0.0	0.0	0.0	1.0
19	16.8	20.2	17.9	79.7	1.0	0.0	1.0	.3
20	15.8	19.0	16.8	84.3	10.8	2.8	13.6	0.0
21	14.8	18.5	16.4	89.0	3.8	0.0	3.8	0.0
22	14.5	21.6	17.3	86.3	2.2	0.0	2.2	.4
23	15.6	22.5	18.8	85.0	.2	0.0	.2	1.2
24	15.9	23.4	20.0	87.3	2.5	.1	2.6	2.4
25	14.6	20.0	16.6	89.3	30.4	0.0	30.4	.2
26	14.3	21.9	18.3	87.0	0.0	0.0	0.0	1.3
27	15.8	23.2	20.4	82.7	0.0	0.0	0.0	4.2
28	16.5	24.0	19.8	81.3	19.6	0.0	19.6	5.3
29	15.9	24.5	20.6	80.0	0.0	0.0	0.0	5.7
30	15.8	24.7	19.9	71.7	0.0	0.0	0.0	2.8
31								
Total :					102.6	28.1	130.7	68.9
Promedio :	16.1	23.3	19.2	80.9				

Estación : MISIONES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

Latitud : 4 ° 33 ' N
Longitud : 74 ° 25 ' W
Altitud : 1540 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.3	23.0	19.8	76.0	.6	0.0	.6	1.8
2	17.0	24.9	19.6	77.0	.3	0.0	.3	2.6
3	16.9	23.5	19.8	81.3	0.0	6.2	6.2	2.4
4	14.8	20.2	17.4	87.0	.8	0.0	.8	1.3
5	16.6	24.8	19.2	76.3	2.7	0.0	2.7	2.8
6	16.8	23.7	19.2	80.7	0.0	0.0	0.0	2.8
7	16.7	23.9	19.1	81.7	.2	0.0	.2	2.4
8	16.0	26.0	21.1	74.7	.2	4.2	4.4	5.0
9	16.8	23.5	19.4	82.7	2.9	0.0	2.9	2.7
10	16.1	25.6	20.8	76.7	0.0	7.3	7.3	2.8
11	14.3	19.7	16.9	91.3	3.0	0.0	3.0	.6
12	16.5	23.7	19.8	68.3	0.0	.8	.8	3.7
13	14.0	24.5	18.4	85.3	.3	0.0	.3	4.3
14	15.8	20.4	18.6	84.3	22.4	0.0	22.4	1.3
15	15.5	23.6	20.6	72.7	0.0	0.0	0.0	6.7
16	17.7	25.0	20.5	65.0	.3	.1	.4	0.0
17	18.0	24.3	20.1	74.0	0.0	.2	.2	2.9
18	17.5	23.8	20.9	74.3	0.0	0.0	0.0	2.6
19	18.5	24.0	21.0	67.7	0.0	5.5	5.5	1.6
20	15.2	21.3	18.2	86.0	0.0	0.0	0.0	.9
21	16.8	24.0	20.6	74.0	0.0	0.0	0.0	2.8
22	17.0	23.9	20.4	76.0	2.9	0.0	2.9	3.6
23	18.0	24.6	21.2	74.7	0.0	0.0	0.0	4.1
24	18.0	26.0	21.4	72.3	.9	0.0	.9	2.7
25	17.8	24.0	20.4	74.0	.8	2.6	3.4	2.9
26	15.8	21.0	17.8	90.3	4.5	71.4	75.9	.2
27	14.0	19.2	18.0	78.3	.3	0.0	.3	0.0
28	15.9	25.5	20.3	66.0	0.0	0.0	0.0	4.0
29	17.0	22.5	18.6	85.3	.4	0.0	.4	2.5
30	16.7	22.5	19.4	78.7	0.0	0.0	0.0	.3
31	16.5	23.0	19.6	82.0	1.2	0.0	1.2	2.1
Total					44.7	98.3	143.0	76.4
Promedio :	16.5	23.4	19.6	77.9				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	20.0	18.4	84.3	3.3	0.0	3.3	.4
2	18.5	28.0	22.3	64.7	0.0	0.0	0.0	4.3
3	19.0	27.0	22.0	72.7	0.0	0.0	0.0	2.4
4	15.0	22.0	18.7	75.0	.6	0.0	.6	.7
5	15.1	22.1	19.0	88.7	0.0	.8	.8	1.6
6	15.0	19.0	17.2	93.3	3.5	0.0	3.5	0.0
7	16.0	21.5	17.2	85.7	1.6	0.0	1.6	1.6
8	15.1	20.9	17.2	88.7	8.6	.2	8.8	.3
9	15.0	21.0	17.6	91.3	0.0	0.0	0.0	.9
10	16.5	25.3	20.1	80.7	0.0	0.0	0.0	2.8
11	16.7	23.2	19.6	85.7	0.0	0.0	0.0	1.1
12	16.9	23.8	19.7	77.0	.2	0.0	.2	1.9
13	16.8	20.4	18.0	82.7	.7	0.0	.7	.2
14	16.9	23.7	19.4	73.7	0.0	0.0	0.0	1.2
15	17.8	23.1	19.9	70.7	0.0	0.0	0.0	1.8
16	18.0	26.0	21.6	74.0	0.0	0.0	0.0	5.6
17	17.9	25.0	20.7	82.0	0.0	0.0	0.0	2.9
18	16.1	24.5	20.6	79.7	0.0	1.0	1.0	1.2
19	15.0	21.4	18.2	86.7	3.2	.4	3.6	.9
20	15.6	22.3	19.5	72.0	.6	0.0	.6	2.0
21	17.1	25.0	20.6	68.7	0.0	0.0	0.0	6.0
22	17.0	23.4	20.2	78.7	0.0	0.0	0.0	2.5
23	18.0	24.2	21.6	78.0	0.0	.4	.4	1.9
24	17.0	22.0	19.4	80.7	0.0	2.5	2.5	.1
25	15.6	22.1	18.6	89.3	.5	.5	1.0	.9
26	15.0	19.8	18.0	79.7	.7	0.0	.7	.7
27	15.9	23.1	18.8	71.0	0.0	0.0	0.0	3.1
28	16.8	27.2	21.6	70.0	0.0	0.0	0.0	5.1
29	18.0	26.0	21.6	62.7	0.0	0.0	0.0	5.5
30	18.5	24.5	20.0	75.0	0.0	2.4	2.4	1.0
31								
Total					23.5	8.2	31.7	60.6
Promedio :	16.6	23.3	19.6	78.8				

Estación : MISIONES **Dpto. : CUNDINAMARCA** **Latitud : 4 ° 33 ' N**
Año : 1997 **Mpio. : EL COLEGIO** **Longitud : 74 ° 25 ' W**
Altitud : 1540 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.1	20.0	17.0	89.3	9.8	0.0	9.8	.9
2	15.0	26.0	20.8	63.7	0.0	0.0	0.0	6.2
3	15.1	22.0	18.9	72.3	.4	0.0	.4	2.0
4	15.0	24.0	19.2	75.7	0.0	0.0	0.0	2.0
5	16.5	22.3	19.3	82.3	.6	0.0	.6	.9
6	16.2	24.5	20.0	73.0	.4	0.0	.4	4.3
7	16.0	25.6	18.9	79.0	0.0	0.0	0.0	2.3
8	16.1	22.0	18.7	83.3	.5	0.0	.5	1.6
9	15.0	21.0	18.8	74.0	1.2	0.0	1.2	.4
10	16.5	22.3	19.4	69.0	0.0	0.0	0.0	.9
11	17.0	24.0	20.2	69.7	.7	0.0	.7	1.1
12	15.5	23.1	18.8	82.0	1.2	0.0	1.2	1.2
13	16.0	26.3	20.6	63.0	0.0	0.0	0.0	3.5
14	16.5	26.6	20.2	65.3	0.0	0.0	0.0	1.8
15	16.6	26.8	20.4	68.3	0.0	.1	.1	2.9
16	15.8	25.0	19.7	72.7	3.7	0.0	3.7	3.1
17	15.0	24.5	20.8	66.3	0.0	0.0	0.0	3.5
18	16.0	24.9	20.7	64.0	0.0	0.0	0.0	2.1
19	14.9	25.3	21.6	61.0	.9	0.0	.9	5.5
20	16.9	26.0	22.0	59.0	0.0	0.0	0.0	6.2
21	16.1	26.0	21.0	64.0	0.0	0.0	0.0	4.6
22	15.0	23.8	19.7	73.3	.2	0.0	.2	1.9
23	16.7	26.0	20.2	71.7	.1	0.0	.1	2.1
24	16.6	24.0	20.2	71.3	0.0	0.0	0.0	1.6
25	16.3	22.0	19.0	76.0	.3	0.0	.3	.7
26	16.0	25.2	20.4	65.3	.9	0.0	.9	4.7
27	16.1	24.6	20.3	67.0	0.0	0.0	0.0	1.5
28	17.0	25.0	21.2	63.7	0.0	0.0	0.0	1.1
29	17.5	24.0	20.0	76.0	.5	0.0	.5	.8
30	18.0	26.0	21.2	67.7	.4	0.0	.4	2.0
31	18.0	27.0	22.5	63.3	0.0	0.0	0.0	4.2
Total :					21.8	.1	21.9	77.6
Promedio :	16.1	24.4	20.1	70.7				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	28.0	22.4	60.3	0.0	0.0	0.0	4.9
2	17.0	27.3	22.1	57.7	0.0	0.0	0.0	4.8
3	17.5	26.1	21.2	65.7	0.0	0.0	0.0	5.5
4	17.0	26.3	21.5	62.7	0.0	0.0	0.0	5.2
5	16.0	25.9	21.7	62.3	0.0	.1	.1	3.0
6	16.2	24.1	20.8	67.7	.1	0.0	.1	2.3
7	16.1	26.8	20.7	64.3	0.0	0.0	0.0	6.6
8	15.0	24.3	19.6	65.3	0.0	0.0	0.0	.2
9	15.1	22.1	16.8	82.7	3.0	3.3	6.3	1.5
10	14.0	20.0	17.6	77.0	.8	0.0	.8	.7
11	15.0	27.1	21.5	50.3	0.0	0.0	0.0	6.7
12	17.0	26.4	22.0	57.0	0.0	0.0	0.0	3.4
13	16.9	25.7	21.9	59.3	0.0	0.0	0.0	2.8
14	16.7	23.2	19.8	76.0	.4	0.0	.4	.9
15	17.0	27.5	22.1	61.3	1.7	0.0	1.7	3.6
16	18.6	27.4	22.6	58.0	0.0	0.0	0.0	5.9
17	15.9	26.0	20.7	73.0	0.0	0.0	0.0	5.1
18	16.9	27.7	22.5	56.0	0.0	0.0	0.0	5.7
19	18.2	23.2	20.4	76.7	2.7	0.0	2.7	1.6
20	16.8	27.0	21.8	57.3	0.0	0.0	0.0	6.7
21	18.7	28.4	23.4	50.0	0.0	0.0	0.0	6.3
22	16.7	24.5	21.2	62.7	0.0	0.0	0.0	2.1
23	15.9	27.1	21.8	58.3	0.0	0.0	0.0	3.9
24	17.8	28.5	23.5	52.7	0.0	0.0	0.0	5.6
25	18.5	29.4	23.2	57.3	0.0	0.0	0.0	5.6
26	18.0	26.0	22.2	63.3	0.0	1.4	1.4	1.3
27	16.6	25.9	21.3	63.7	1.2	0.0	1.2	1.7
28	16.7	28.4	22.0	54.0	0.0	0.0	0.0	7.1
29	16.4	28.1	22.3	47.0	0.0	0.0	0.0	7.6
30	17.0	30.0	23.3	44.7	0.0	0.0	0.0	9.9
31	18.8	28.0	23.1	57.7	0.0	0.0	0.0	4.6
Total :					9.9	4 8	14.7	132.8
Promedio :	16.8	26.3	21.5	61.4				

Estación : MISIONES | **Dpto. : CUNDINAMARCA** | **Latitud : 4 ° 33 ' N**
Año : 1997 | **Mpio. : EL COLEGIO** | **Longitud : 74 ° 25 ' W**
Altitud : 1540 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	27.5	21.7	69.7	.6	.1	.7	1.6
2	16.2	25.4	20.1	71.7	9.0	0.0	9.0	2.2
3	15.2	26.2	21.0	66.0	0.0	0.0	0.0	4.4
4	17.8	28.2	23.3	60.7	0.0	0.0	0.0	6.5
5	18.0	27.0	21.0	67.3	1.7	5.2	6.9	2.7
6	15.0	27.2	21.2	65.3	0.0	1.6	1.6	4.5
7	17.2	24.0	20.8	69.7	.6	31.0	31.6	1.2
8	15.8	24.3	20.6	66.7	1.4	1.4	2.8	2.9
9	15.9	23.0	20.3	74.3	0.0	0.0	0.0	.8
10	18.3	26.2	21.8	65.7	0.0	0.0	0.0	3.1
11	19.3	26.4	20.9	71.7	13.5	0.0	13.5	2.5
12	17.0	26.8	21.2	59.3	1.5	0.0	1.5	2.5
13	17.5	29.0	22.8	51.3	0.0	0.0	0.0	7.3
14	18.0	25.2	21.4	61.0	0.0	0.0	0.0	1.4
15	18.2	26.0	21.7	62.3	0.0	0.0	0.0	2.0
16	18.9	26.8	21.3	59.0	0.0	0.0	0.0	4.7
17	16.0	30.0	22.6	45.7	0.0	0.0	0.0	6.8
18	18.0	27.4	22.7	52.3	0.0	0.0	0.0	5.0
19	19.0	28.0	22.5	59.3	.1	0.0	.1	1.2
20	17.7	23.3	18.8	87.7	2.1	0.0	2.1	2.2
21	16.4	26.0	20.4	71.3	.2	0.0	.2	1.7
22	17.0	26.1	20.3	72.3	0.0	3.5	3.5	2.6
23	15.5	19.4	16.5	93.7	22.0	.4	22.4	0.0
24	16.0	23.2	20.1	83.0	0.0	0.0	0.0	1.1
25	18.1	25.2	20.4	78.7	0.0	.4	.4	2.3
26	17.2	25.5	21.5	67.3	0.0	0.0	0.0	3.3
27	18.0	25.0	21.3	69.7	0.0	0.0	0.0	2.8
28	17.9	25.1	21.2	64.3	0.0	0.0	0.0	3.0
29	17.3	27.0	23.0	54.3	0.0	0.0	0.0	4.4
30	16.9	24.1	20.8	72.7	0.0	0.0	0.0	2.1
31								
Total :					52.7	43.6	96.3	88.8
Promedio :	17.3	25.8	21.1	67.1				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	28.2	23.0	57.7	0.0	.3	.3	5.3
2	17.5	24.3	20.7	74.3	0.0	1.8	1.8	1.2
3	17.0	22.5	19.4	74.3	.2	0.0	.2	.4
4	18.7	28.7	22.5	56.7	0.0	0.0	0.0	5.6
5	16.9	26.3	20.0	74.0	0.0	0.0	0.0	4.7
6	18.0	25.2	22.0	63.7	0.0	0.0	0.0	1.6
7	19.5	25.0	22.1	60.3	0.0	0.0	0.0	1.7
8	17.5	29.0	22.1	53.0	0.0	0.0	0.0	5.5
9	19.0	30.3	23.7	50.3	0.0	0.0	0.0	7.5
10	18.2	27.2	22.2	72.0	4.1	3.4	7.5	6.0
11	16.2	26.6	20.7	76.7	.3	56.0	56.3	3.6
12	14.8	25.3	20.7	82.0	0.0	42.4	42.4	3.6
13	14.0	20.0	17.0	86.0	12.4	.3	12.7	1.6
14	16.0	25.2	20.4	72.0	0.0	0.0	0.0	5.3
15	16.4	23.5	19.2	81.3	.9	.7	1.6	1.2
16	15.2	20.3	18.4	87.7	1	0.0	.1	2.6
17	16.0	24.0	18.7	83.3	2.0	4.8	6.8	.4
18	15.0	20.0	17.5	89.0	5.9	.9	6.8	.7
19	15.4	23.2	18.7	86.3	0.0	0.0	0.0	2.5
20	16.3	26.7	21.2	77.0	0.0	0.0	0.0	4.0
21	17.2	22.1	19.0	82.7	.5	.6	1.1	.6
22	16.2	24.0	20.0	77.0	0.0	0.0	0.0	2.8
23	16.5	24.9	20.0	79.7	0.0	0.0	0.0	2.4
24	19.0	26.7	22.4	65.0	3.3	0.0	3.3	5.9
25	18.3	27.0	22.4	62.7	0.0	0.0	0.0	5.3
26	19.8	26.7	21.8	73.0	0.0	0.0	0.0	4.3
27	17.0	24.9	20.0	79.0	36.6	0.0	36.6	1.8
28	18.2	25.0	21.2	70.7	0.0	0.0	0.0	2.7
29	17.4	22.0	19.6	81.7	0.0	0.0	0.0	.1
30	16.9	26.0	21.3	73.3	0.0	0.0	0.0	7.2
31	18.7	27.2	22.0	61.3	.6	.2	.8	1.1
Total					66.9	111.4	178.3	99.2
Promedio	17.2	25.1	20.6	73.0				

Estación : MISIONES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

Latitud : 4 ° 33 ' N
Longitud : 74 ° 25 ' W
Altitud : 1540 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1								.7
2								6.6
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
Total :								
Promedio :								

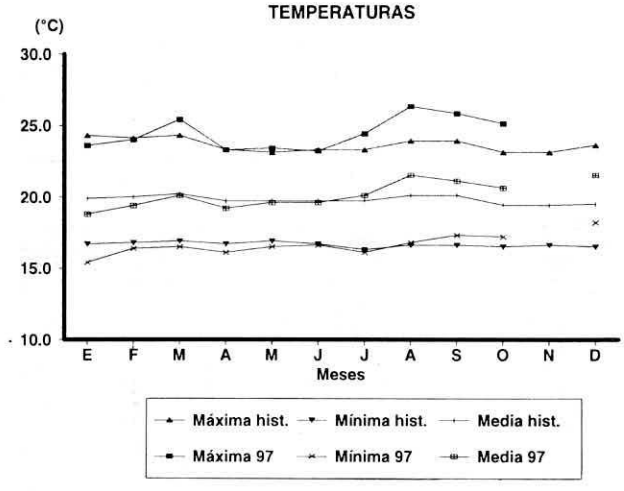
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	22.5	19.8	90.7	2.6	2.5	5.1	.8
2	16.5	25.3	19.0	87.3	25.8	2.3	28.1	4.3
3	16.0	24.3	20.0	72.3	0.0	0.0	0.0	4.1
4	17.8	27.0	21.6	69.0	0.0	0.0	0.0	8.5
5	19.0	27.7	22.2	61.7	0.0	0.0	0.0	6.2
6	19.3	25.9	21.2	74.0	0.0	0.0	0.0	7.1
7	19.8	28.0	21.8	61.7	0.0	0.0	0.0	4.8
8	18.0	29.8	22.8	54.3	0.0	0.0	0.0	6.2
9	19.2	29.1	22.2	62.3	0.0	0.0	0.0	6.2
10	19.0	27.1	22.5	63.0	0.0	0.0	0.0	5.9
11	19.3	28.2	21.6	66.0	0.0	0.0	0.0	7.2
12	18.8	26.9	21.3	75.7	0.0	0.0	0.0	1.1
13	17.8	28.3	22.1	71.7	0.0	0.0	0.0	6.6
14	17.0	26.7	20.3	84.0	29.1	4.8	33.9	3.8
15	16.9	22.2	19.2	89.0	0.0	0.0	0.0	.7
16	16.4	23.8	19.6	84.3	0.0	3.2	3.2	1.1
17	16.8	25.1	20.0	82.0	0.0	0.0	0.0	4.9
18	17.4	26.9	20.8	72.3	0.0	0.0	0.0	6.5
19	17.0	27.1	21.6	68.3	0.0	.5	.5	8.0
20	17.9	27.0	21.2	74.0	0.0	0.0	0.0	4.4
21	18.2	29.4	21.8	67.7	0.0	0.0	0.0	5.8
22	18.6	27.0	21.4	65.0	0.0	0.0	0.0	4.1
23	18.7	28.7	22.6	52.0	0.0	0.0	0.0	6.2
24	20.2	28.1	22.1	65.0	0.0	0.0	0.0	8.7
25	19.3	29.2	23.1	54.0	0.0	0.0	0.0	6.5
26	19.8	31.0	24.4	51.7	0.0	0.0	0.0	8.4
27	19.9	29.0	23.1	65.3	0.0	0.0	0.0	7.6
28	19.2	28.0	22.4	73.7	0.0	0.0	0.0	6.7
29	19.0	31.0	23.5	63.0	0.0	0.0	0.0	7.7
30	18.2	25.1	19.9	86.7	2.8	0.0	2.8	.8
31	17.5	25.8	21.2	75.7	0.0	0.0	0.0	4.8
Total :					60.3	13.3	73.6	165.7
Promedio :	18.2	27.1	21.5	70.4				

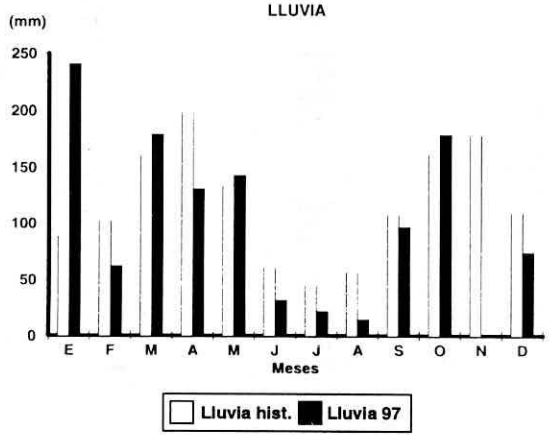
Estación : MISIONES
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

Latitud : 4 ° 33 'N
Longitud : 74 ° 25 'W
Altitud : 1540 **m**

MES	TEMPERATURA °C Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	PRECIPITACION Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.4	23.6	18.8	26.1	14.0	87.0	240.5	21	92.8
Febrero	16.4	24.0	19.4	28.1	14.4	82.9	61.9	14	88.3
Marzo	16.5	25.4	20.1	29.0	14.4	78.3	179.1	15	104.7
Abril	16.1	23.3	19.2	27.5	14.3	80.9	130.7	21	68.9
Mayo	16.5	23.4	19.6	26.0	14.0	77.9	143.0	23	76.4
Junio	16.6	23.2	19.6	28.0	15.0	78.8	31.7	16	60.6
Julio	16.1	24.4	20.1	27.0	14.9	70.7	21.9	17	77.6
Agosto	16.8	26.3	21.5	30.0	14.0	61.4	14.7	9	132.8
Septiembre	17.3	25.8	21.1	30.0	15.0	67.1	96.3	14	88.8
Octubre	17.2	25.1	20.6	30.3	14.0	73.0	178.3	15	99.2
Noviembre									
Diciembre	18.2	27.1	21.5	31.0	16.0	70.4	73.6	6	165.7
Promedio :									
Absoluta :									
Total :									





Estación : GRANJA TIBACUY
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : TIBACUY

Latitud : 4 ° 22 ' N
Longitud : 74 ° 26 ' W
Altitud : 1550 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	21.5	17.9	94.3	13.1	0.0	13.1	.3
2	15.5	23.5	18.9	87.7	0.0	0.0	0.0	2.5
3	16.8	23.0	19.0	87.3	0.0	2.6	2.6	2.7
4	15.2	24.0	18.9	83.7	0.0	0.0	0.0	5.1
5	16.0	24.5	19.6	75.0	0.0	0.0	0.0	5.5
6	15.0	24.3	19.5	82.7	0.0	0.0	0.0	5.7
7	16.8	24.0	19.6	86.0	0.0	32.6	32.6	4.1
8	15.2	24.4	19.2	85.7	0.0	26.9	26.9	3.9
9	17.0	21.5	18.2	91.0	7.1	0.0	7.1	.3
10	15.5	22.0	18.0	92.3	10.5	18.6	29.1	2.0
11	14.9	23.1	18.4	89.7	0.0	6.3	6.3	4.1
12	15.0	22.5	18.8	91.3	.5	0.0	.5	3.6
13	16.0	23.0	18.7	88.3	15.3	0.0	15.3	4.9
14	15.0	22.0	18.6	87.0	0.0	0.0	0.0	3.3
15	15.1	22.5	18.9	88.3	0.0	10.6	10.6	3.5
16	16.5	22.2	18.6	88.0	7.7	.5	8.2	1.3
17	16.4	21.5	18.4	92.7	3.4	0.0	3.4	.6
18	16.9	22.5	19.1	93.3	0.0	0.0	0.0	2.8
19	15.0	23.0	18.8	87.0	0.0	.2	.2	3.3
20	16.8	23.0	19.4	85.7	0.0	35.2	35.2	2.2
21	15.3	20.5	18.3	94.3	0.0	0.0	0.0	.2
22	15.0	23.0	19.0	90.0	0.0	0.0	0.0	3.3
23	16.1	22.0	19.0	90.7	0.0	4.7	4.7	1.5
24	15.7	22.7	18.5	86.7	0.0	0.0	0.0	3.3
25	15.5	22.6	18.8	91.3	.2	11.7	11.9	2.5
26	15.9	20.5	17.2	97.0	13.9	1.5	15.4	.3
27	15.8	22.5	19.1	91.3	.8	21.3	22.1	2.0
28	16.2	23.8	19.3	86.3	0.0	.3	.3	6.5
29	16.2	23.4	18.2	87.7	3.2	5.3	8.5	3.3
30	14.7	23.0	19.2	88.7	0.0	4.9	4.9	4.5
31	14.8	22.8	18.3	88.3	0.0	0.0	0.0	4.6
Total :					75.7	183.2	258.9	93.7
Promedio :	15.8	22.7	18.8	88.7				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.9	24.0	18.6	86.3	0.0	0.0	0.0	5.0
2	16.3	23.5	19.0	85.0	0.0	21.9	21.9	5.3
3	15.0	24.2	19.9	73.0	0.0	0.0	0.0	6.5
4	14.8	23.8	19.8	77.3	0.0	0.0	0.0	5.5
5	16.9	23.0	18.4	94.0	0.0	0.0	0.0	1.1
6	16.0	23.6	19.1	80.7	0.0	0.0	0.0	5.2
7	14.2	24.0	19.4	80.7	0.0	0.0	0.0	5.0
8	15.2	21.7	17.3	83.0	.4	0.0	.4	1.1
9	14.9	23.8	19.2	83.0	0.0	1.3	1.3	2.9
10	15.8	22.2	17.8	87.3	0.0	0.0	0.0	3.2
11	16.0	21.7	18.5	86.0	0.0	3.3	3.3	.7
12	15.0	22.0	18.3	90.3	0.0	0.0	0.0	2.0
13	15.5	24.8	20.2	78.7	0.0	0.0	0.0	6.7
14	17.5	23.0	20.0	80.7	0.0	0.0	0.0	.9
15	16.9	26.2	20.8	74.0	0.0	0.0	0.0	5.3
16	15.9	24.8	19.4	84.7	0.0	0.0	0.0	5.6
17	16.0	24.0	20.2	77.3	0.0	0.0	0.0	4.0
18	16.3	24.1	20.0	80.0	0.0	2.5	2.5	6.7
19	15.7	25.1	20.2	70.7	0.0	0.0	0.0	7.4
20	17.1	26.0	20.8	69.7	0.0	0.0	0.0	7.9
21	16.0	24.7	20.1	80.3	0.0	0.0	0.0	6.8
22	15.8	25.4	20.6	73.7	0.0	0.0	0.0	5.7
23	16.4	25.7	20.7	81.3	0.0	0.0	0.0	4.3
24	15.0	25.6	19.7	84.0	.1	0.0	.1	3.3
25	17.0	24.9	19.4	81.7	0.0	0.0	0.0	3.1
26	16.9	24.7	19.9	84.0	.3	0.0	.3	2.3
27	17.9	26.3	20.7	75.7	0.0	0.0	0.0	5.1
28	15.5	27.5	20.9	70.0	0.0	0.0	0.0	8.9
29								
30								
31								
Total :					.8	29.0	29.8	127.5
Promedio :	15.9	24.3	19.6	80.5				

Estación : GRANJA TIBACUY
Año : 1997

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Mpio. : TIBACUY

Latitud : 4 ° 22 ' N
Longitud : 74 ° 26 ' W
Altitud : 1550 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.4	26.0	21.0	68.7	0.0	0.0	0.0	5.9
2	17.7	26.6	20.6	86.0	.8	1.4	2.2	3.5
3	17.0	24.8	20.9	83.0	0.0	.4	.4	7.2
4	17.8	24.2	20.0	85.3	0.0	0.0	0.0	3.9
5	16.0	25.3	19.7	73.7	0.0	0.0	0.0	4.7
6	15.0	26.2	20.3	63.3	0.0	0.0	0.0	7.8
7	14.0	27.0	20.6	63.7	0.0	0.0	0.0	9.1
8	15.2	26.5	21.4	69.0	0.0	1.6	1.6	3.7
9	17.0	26.0	20.2	80.0	0.0	0.0	0.0	4.2
10	17.0	27.5	21.6	72.7	0.0	0.0	0.0	8.2
11	16.5	26.3	21.1	77.3	0.0	0.0	0.0	5.0
12	16.8	26.0	21.6	73.3	0.0	6.0	6.0	4.5
13	16.2	20.2	17.3	96.7	2.4	0.0	2.4	5.0
14	15.6	26.8	21.1	73.0	0.0	0.0	0.0	9.3
15	17.1	26.0	21.2	80.3	1.3	.1	1.4	4.2
16	18.2	24.0	19.6	84.3	.7	0.0	.7	.9
17	17.0	20.5	17.6	98.0	6.1	0.0	6.1	1.0
18	16.9	23.0	18.5	91.3	8.9	0.0	8.9	1.0
19	16.5	21.6	18.2	91.7	14.6	18.3	32.9	.3
20	15.0	24.5	18.2	88.7	8.1	0.0	8.1	8.1
21	16.1	23.5	18.1	93.0	6.6	0.0	6.6	3.7
22	15.0	24.5	20.5	86.0	0.0	8.5	8.5	6.9
23	16.2	23.4	19.4	87.3	.1	2.5	2.6	2.5
24	17.0	24.1	19.4	88.3	0.0	.7	.7	5.4
25	16.9	25.0	19.8	84.3	0.0	0.0	0.0	7.6
26	16.8	24.5	19.7	87.3	3.4	0.0	3.4	1.8
27	16.0	25.2	19.8	85.3	0.0	0.0	0.0	4.4
28	15.0	23.7	19.0	79.0	.2	1.2	1.4	3.9
29	16.8	22.5	18.9	85.7	0.0	2.4	2.4	1.0
30	16.5	22.3	18.3	92.7	7.8	0.0	7.8	.4
31	16.7	23.2	18.9	88.7	0.0	0.0	0.0	3.7
Total					61.0	43.1	104.1	138.8
Promedio	16.4	24.5	19.8	82.5				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	21.8	18.5	89.3	.7	0.0	.7	.6
2	15.3	23.5	19.2	91.0	0.0	0.0	0.0	3.3
3	16.7	24.0	19.1	81.0	0.0	0.0	0.0	1.1
4	17.2	23.2	19.6	80.3	0.0	0.0	0.0	.5
5	15.7	23.0	19.7	80.7	0.0	0.0	0.0	2.4
6	15.8	25.0	20.0	83.3	0.0	31.4	31.4	1.5
7	16.6	25.2	21.5	79.0	0.0	0.0	0.0	7.5
8	15.2	24.0	20.3	83.0	0.0	0.0	0.0	3.0
9	17.0	24.1	20.1	82.0	0.0	10.3	10.3	3.4
10	17.5	21.8	18.6	93.0	.4	0.0	.4	.8
11	16.0	23.5	18.8	90.3	.8	0.0	.8	1.4
12	16.2	22.5	18.6	93.0	.9	0.0	.9	3.4
13	15.2	26.1	20.6	73.3	0.0	0.0	0.0	5.7
14	16.7	25.0	20.8	72.0	1.3	0.0	1.3	4.7
15	15.1	22.7	19.9	84.7	0.0	0.0	0.0	4.7
16	15.5	25.8	21.4	77.7	0.0	0.0	0.0	5.9
17	16.7	24.2	20.6	79.0	0.0	0.0	0.0	2.4
18	15.8	21.1	18.3	91.0	8.9	0.0	8.9	.3
19	16.3	22.0	19.1	89.7	.6	0.0	.6	.7
20	16.0	20.0	18.2	88.0	.1	4.9	5.0	.7
21	15.7	20.6	17.6	88.0	.1	0.0	.1	1.4
22	15.0	21.3	17.2	91.7	17.5	0.0	17.5	1.3
23	15.6	23.2	18.9	86.7	0.0	0.0	0.0	2.1
24	15.4	22.7	18.6	85.0	.4	1.3	1.7	1.9
25	14.9	20.0	16.6	96.0	23.4	0.0	23.4	.2
26	14.8	23.0	18.5	85.7	0.0	0.0	0.0	6.0
27	16.2	24.1	19.4	87.3	0.0	0.0	0.0	7.0
28	15.6	23.5	19.4	89.3	0.0	.3	.3	3.4
29	16.0	25.1	20.0	69.3	0.0	0.0	0.0	8.9
30	15.8	26.0	19.5	77.3	0.0	0.0	0.0	4.5
31								
Total					55.1	48.2	103.3	90.7
Promedio	15.9	23.3	19.3	84.6				

Estación : GRANJA TIBACUY
Año : 1997

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Mpio. : TIBACUY

Latitud : 4 ° 22 ' N
Longitud : 74 ° 26 ' W
Altitud : 1550 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.3	22.6	18.7	83.3	1.4	0.0	1.4	3.5
2	16.2	24.3	19.7	81.3	0.0	0.0	0.0	2.6
3	16.5	23.8	18.9	86.3	0.0	23.0	23.0	2.3
4	15.9	23.6	18.2	83.7	.3	0.0	.3	2.6
5	15.0	23.8	19.6	82.7	.2	0.0	.2	4.9
6	15.7	24.6	19.6	80.7	0.0	0.0	0.0	6.0
7	16.3	24.0	19.2	85.7	0.0	0.0	0.0	2.0
8	15.2	25.3	20.0	81.0	0.0	0.0	0.0	8.9
9	15.9	24.0	19.7	85.7	0.0	0.0	0.0	5.3
10	15.8	24.6	19.7	81.7	0.0	4.5	4.5	3.0
11	16.0	21.1	17.6	88.0	2.2	.1	2.3	.7
12	15.2	24.5	20.0	78.3	0.0	0.0	0.0	6.6
13	16.9	24.2	18.7	87.3	.3	.3	.6	3.7
14	15.8	22.7	18.4	90.0	0.0	0.0	0.0	3.1
15	15.6	24.7	19.4	82.7	0.0	0.0	0.0	4.2
16	16.3	26.1	20.2	74.7	0.0	0.0	0.0	6.6
17	16.9	25.3	20.0	81.0	0.0	.4	.4	5.4
18	17.0	25.6	20.0	79.3	0.0	0.0	0.0	6.8
19	16.7	24.8	20.0	82.0	0.0	4.5	4.5	.9
20	16.2	22.3	18.7	87.0	0.0	0.0	0.0	.4
21	16.3	24.8	19.8	80.7	0.0	0.0	0.0	2.9
22	16.7	24.2	19.6	83.0	0.0	0.0	0.0	5.9
23	16.3	25.8	20.7	75.7	0.0	0.0	0.0	5.4
24	16.8	26.9	20.4	79.7	0.0	0.0	0.0	5.4
25	16.6	26.2	20.5	82.3	0.0	5.4	5.4	4.8
26	16.4	21.1	18.4	94.0	0.0	28.1	28.1	.1
27	15.6	20.0	17.2	90.7	2.0	0.0	2.0	0.0
28	14.8	24.3	20.0	81.3	0.0	0.0	0.0	5.6
29	16.3	23.2	19.2	91.0	0.0	0.0	0.0	4.6
30	16.7	23.0	19.2	87.7	0.0	0.0	0.0	1.5
31	16.0	24.1	19.9	85.3	0.0	0.0	0.0	4.1
Total :					6.4	66.3	72.7	119.8
Promedio :	16.1	24.0	19.4	83.7				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.9	22.2	18.1	89.3	2.0	0.0	2.0	1.3
2	15.3	25.3	20.2	77.0	0.0	0.0	0.0	5.5
3	17.9	25.7	21.2	75.3	0.0	0.0	0.0	5.9
4	15.9	21.0	18.2	89.3	2.3	0.0	2.3	0.0
5	14.5	23.4	19.1	87.7	0.0	1.8	1.8	5.3
6	16.2	20.8	17.4	95.7	2.8	0.0	2.8	1.1
7	15.9	21.6	18.4	94.0	7.2	.4	7.6	2.1
8	16.0	20.8	17.6	97.3	7.7	.4	8.1	.3
9	15.7	22.5	18.5	90.0	0.0	.3	.3	2.1
10	15.8	24.9	19.0	82.3	0.0	.4	.4	4.3
11	16.0	23.7	19.4	88.7	0.0	0.0	0.0	3.0
12	15.9	23.0	18.0	87.3	4.5	0.0	4.5	1.5
13	15.2	20.7	17.8	88.7	.2	0.0	.2	.7
14	15.0	23.1	18.2	85.0	0.0	0.0	0.0	4.5
15	15.5	23.2	19.4	81.7	0.0	0.0	0.0	3.6
16	15.9	25.0	19.8	82.0	0.0	0.0	0.0	7.5
17	15.3	25.1	19.2	80.3	0.0	0.0	0.0	8.7
18	16.1	23.9	19.6	83.0	0.0	.9	.9	1.1
19	16.0	21.2	17.7	95.3	1.2	1.0	2.2	1.8
20	15.0	24.2	19.2	82.3	0.0	0.0	0.0	6.5
21	14.3	24.3	19.8	80.3	0.0	0.0	0.0	9.1
22	15.0	24.1	19.5	84.3	0.0	0.0	0.0	6.5
23	17.0	25.3	20.6	79.7	0.0	.7	.7	4.8
24	17.2	22.8	19.1	85.0	0.0	5.3	5.3	.7
25	16.7	22.0	18.1	86.0	.9	.1	1.0	1.4
26	15.2	20.8	17.0	90.0	3.7	0.0	3.7	.6
27	14.3	21.5	17.5	85.3	0.0	0.0	0.0	4.3
28	15.0	25.0	19.8	80.3	0.0	0.0	0.0	8.0
29	14.9	25.3	20.4	72.7	0.0	.8	.8	7.2
30	16.7	22.4	18.5	87.7	0.0	1.9	1.9	2.4
31								
Total :					32.5	14.0	46.5	111.8
Promedio :	15.7	23.2	18.9	85.4				

Estación : GRANJA TIBACUY
Año : 1997

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Mpio. : TIBACUY

Latitud : 4 ° 22 ' N
Longitud : 74 ° 26 ' W
Altitud : 1550 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.9	19.0	16.8	97.0	.9	0.0	.9	.3
2	14.0	24.0	19.2	74.3	0.0	1.9	1.9	7.7
3	14.5	23.0	18.4	79.7	0.0	0.0	0.0	2.5
4	15.0	22.9	18.3	86.7	0.0	0.0	0.0	3.1
5	15.7	22.1	17.7	92.3	.5	0.0	.5	.6
6	15.5	23.7	19.4	81.7	0.0	.5	.5	5.2
7	16.2	22.4	19.0	88.7	.4	0.0	.4	2.3
8	14.9	22.0	17.4	94.0	3.3	0.0	3.3	1.5
9	14.7	22.5	18.2	79.0	0.0	0.0	0.0	2.0
10	16.3	23.8	18.4	77.7	0.0	0.0	0.0	2.3
11	16.2	23.2	19.8	80.3	0.0	.1	.1	1.5
12	16.0	23.0	18.0	87.3	1.0	0.0	1.0	1.0
13	14.4	24.1	19.7	73.3	0.0	0.0	0.0	4.6
14	16.5	24.5	18.6	79.3	0.0	0.0	0.0	3.9
15	16.0	24.2	19.2	79.3	0.0	0.0	0.0	3.8
16	14.3	24.0	19.4	74.7	.1	0.0	.1	4.4
17	15.1	24.8	19.4	75.3	0.0	0.0	0.0	7.9
18	15.2	24.2	19.8	74.3	0.0	0.0	0.0	6.4
19	14.8	25.7	20.0	73.0	0.0	0.0	0.0	5.8
20	14.5	26.2	20.2	69.7	0.0	0.0	0.0	8.3
21	16.0	25.1	20.0	76.0	0.0	0.0	0.0	5.7
22	15.2	24.0	19.0	82.0	0.0	0.0	0.0	2.0
23	16.0	25.0	20.2	76.3	0.0	0.0	0.0	5.4
24	16.3	24.1	19.2	81.3	0.0	0.0	0.0	3.6
25	15.9	23.3	19.3	79.0	0.0	0.0	0.0	2.7
26	14.7	25.5	19.8	73.3	0.0	0.0	0.0	6.3
27	16.2	23.6	19.2	77.3	0.0	0.0	0.0	2.0
28	16.5	25.8	20.6	70.0	0.0	0.0	0.0	2.5
29	17.0	23.8	19.8	77.3	0.0	0.0	0.0	1.6
30	16.0	25.6	20.9	71.7	0.0	0.0	0.0	2.8
31	15.9	26.4	21.5	72.0	0.0	0.0	0.0	8.1
Total					6.2	2.5	8.7	117.8
Promedio	15.5	23.9	19.2	79.2				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	26.9	20.9	70.0	0.0	0.0	0.0	6.7
2	15.6	26.0	20.6	64.0	0.0	.1	.1	4.6
3	17.2	25.6	21.0	69.3	0.0	0.0	0.0	7.0
4	17.0	26.3	20.8	71.0	0.0	0.0	0.0	5.1
5	15.8	26.9	21.4	69.3	0.0	0.0	0.0	4.4
6	16.3	24.8	21.1	71.7	0.0	0.0	0.0	2.5
7	15.8	27.2	20.4	71.0	0.0	0.0	0.0	5.8
8	15.5	25.7	19.8	72.3	0.0	0.0	0.0	4.4
9	14.5	22.5	17.4	94.7	5.5	4.1	9.6	.2
10	14.8	22.3	17.4	87.7	0.0	0.0	0.0	1.6
11	15.0	26.5	21.0	53.7	0.0	0.0	0.0	4.9
12	15.3	26.0	21.7	59.3	0.0	0.0	0.0	5.4
13	16.5	25.5	20.4	72.0	0.0	0.0	0.0	3.6
14	15.5	24.0	19.3	80.3	.2	0.0	.2	1.3
15	17.0	27.0	21.8	67.7	0.0	0.0	0.0	4.3
16	16.8	27.2	21.0	67.0	0.0	.8	.8	4.4
17	15.6	25.5	20.8	71.7	0.0	0.0	0.0	3.5
18	16.5	27.5	20.8	67.3	0.0	.3	.3	6.5
19	16.9	23.3	19.6	78.3	0.0	0.0	0.0	1.4
20	15.5	27.5	20.6	66.7	0.0	0.0	0.0	8.2
21	15.6	28.0	22.2	58.0	0.0	0.0	0.0	7.6
22	16.5	25.7	20.8	65.7	0.0	0.0	0.0	5.3
23	16.2	26.7	21.7	63.3	0.0	0.0	0.0	3.6
24	16.6	27.5	21.9	62.3	0.0	0.0	0.0	5.2
25	16.2	28.9	21.8	68.7	0.0	0.0	0.0	6.0
26	17.0	26.3	21.6	72.0	0.0	0.0	0.0	2.2
27	16.8	26.2	21.0	71.0	0.0	0.0	0.0	3.0
28	17.0	27.3	20.8	66.7	0.0	0.0	0.0	6.6
29	14.9	27.8	21.0	54.3	0.0	0.0	0.0	9.0
30	15.0	28.5	22.0	54.3	0.0	0.0	0.0	8.6
31	16.8	27.5	21.5	68.3	.1	0.0	.1	3.6
Total					5.8	5.3	11.1	146.5
Promedio	16.1	26.3	20.8	68.7				

Estación : GRANJA TIBACUY **Dpto. : CUNDINAMARCA** **Latitud : 4 ° 22 ' N**
Año : 1997 **Mpio. : TIBACUY** **Longitud : 74 ° 26 ' W**
Altitud : 1550 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	26.3	21.6	65.7	0.0	.6	.6	1.7
2	16.5	26.0	19.9	85.0	0.0	0.0	0.0	2.2
3	15.2	26.5	20.3	73.0	0.0	0.0	0.0	4.3
4	15.7	27.0	22.5	62.0	0.0	0.0	0.0	5.8
5	16.5	27.6	21.6	75.0	3.6	40.9	44.5	6.9
6	15.9	23.6	19.6	78.3	0.0	.4	.4	4.1
7	16.0	24.5	20.5	73.3	0.0	8.4	8.4	1.5
8	16.3	24.0	19.9	80.0	0.0	.2	.2	3.2
9	16.5	25.0	20.8	76.3	0.0	.1	.1	3.7
10	15.5	27.0	22.3	67.7	0.0	0.0	0.0	6.6
11	16.5	25.1	21.6	72.3	0.0	0.0	0.0	3.4
12	15.5	26.5	20.8	70.3	0.0	0.0	0.0	1.5
13	16.2	27.2	22.8	60.0	0.0	0.0	0.0	6.5
14	15.5	26.5	21.4	56.7	0.0	0.0	0.0	2.9
15	17.0	26.0	20.6	71.0	0.0	0.0	0.0	3.2
16	16.9	25.0	20.4	68.3	0.0	0.0	0.0	3.2
17	15.2	28.0	21.8	56.7	0.0	0.0	0.0	9.5
18	15.5	26.0	21.8	60.3	0.0	0.0	0.0	2.0
19	16.5	27.0	21.0	66.0	0.0	0.0	0.0	5.0
20	16.3	24.2	19.2	80.7	0.0	0.0	0.0	3.8
21	15.5	25.5	20.2	74.3	0.0	0.0	0.0	3.3
22	17.1	24.5	21.2	72.0	.3	0.0	.3	1.6
23	15.2	20.8	17.3	95.0	23.1	.3	23.4	0.0
24	15.8	24.2	20.1	83.7	0.0	0.0	0.0	2.4
25	17.5	24.0	20.2	90.7	1.1	0.0	1.1	2.2
26	16.9	25.5	20.2	76.3	0.0	0.0	0.0	4.4
27	16.8	26.2	20.5	65.7	0.0	0.0	0.0	4.2
28	17.0	25.5	20.4	67.3	0.0	0.0	0.0	5.5
29	15.0	26.5	21.4	62.0	0.0	0.0	0.0	4.9
30	15.4	24.2	19.8	79.3	.3	0.0	.3	4.0
31								
Total :					28.4	50.9	79.3	113.5
Promedio :	16.1	25.5	20.7	72.2				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	27.0	22.4	64.0	0.0	0.0	0.0	6.7
2	17.1	24.8	20.2	80.3	8.7	1.5	10.2	.5
3	16.0	22.5	19.7	75.7	0.0	0.0	0.0	7.1
4	16.6	26.8	21.3	69.0	0.0	0.0	0.0	3.4
5	16.7	25.0	20.3	75.3	0.0	0.0	0.0	3.4
6	17.0	25.5	21.0	66.0	0.0	0.0	0.0	3.9
7	15.9	25.2	21.1	72.7	0.0	0.0	0.0	2.0
8	14.5	27.5	21.0	64.0	0.0	0.0	0.0	6.8
9	15.5	28.0	22.4	63.0	0.0	0.0	0.0	7.9
10	17.0	27.5	22.1	72.3	0.0	.4	.4	6.5
11	17.2	26.0	20.6	75.3	0.0	0.0	0.0	4.3
12	17.7	25.5	21.2	79.7	2.6	74.5	77.1	5.2
13	15.5	22.5	17.8	86.0	6.6	.3	6.9	3.6
14	16.0	25.3	20.2	75.3	0.0	0.0	0.0	5.9
15	17.0	25.0	20.5	82.3	.6	4.3	4.9	2.2
16	15.0	22.0	18.9	89.3	.3	0.0	.3	1.6
17	17.0	22.5	18.8	88.3	6.7	6.1	12.8	2.9
18	16.0	22.4	18.9	91.3	3.0	.7	3.7	3.2
19	16.5	23.0	19.0	88.3	0.0	0.0	0.0	4.3
20	16.0	26.0	20.9	73.3	0.0	0.0	0.0	7.8
21	16.5	24.5	20.7	79.3	0.0	1.2	1.2	5.2
22	15.8	24.0	19.6	81.3	0.0	0.0	0.0	4.0
23	15.3	24.3	20.2	75.7	0.0	0.0	0.0	6.7
24	17.0	27.0	21.3	68.3	0.0	0.0	0.0	8.8
25	16.2	26.2	21.4	71.0	0.0	0.0	0.0	6.3
26	17.2	25.1	20.7	80.0	0.0	0.0	0.0	3.2
27	16.7	24.0	19.6	87.0	1.9	0.0	1.9	3.3
28	16.4	25.2	20.8	74.3	0.0	0.0	0.0	4.3
29	16.0	25.0	20.8	77.7	0.0	0.0	0.0	3.2
30	15.8	25.8	20.5	71.0	0.0	0.0	0.0	8.3
31	16.0	27.0	21.4	72.0	0.0	0.0	0.0	8.8
Total :					30.4	89.0	119.4	151.3
Promedio :	16.3	25.1	20.5	76.4				

Estación : GRANJA TIBACUY
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : TIBACUY

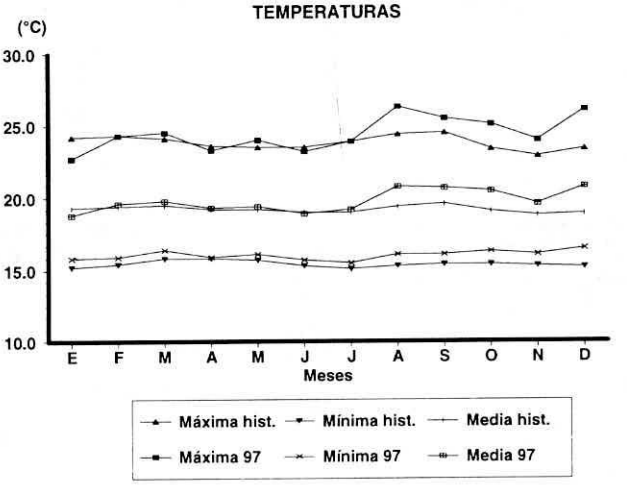
Latitud : 4 ° 22 ' N
Longitud : 74 ° 26 ' W
Altitud : 1550 m

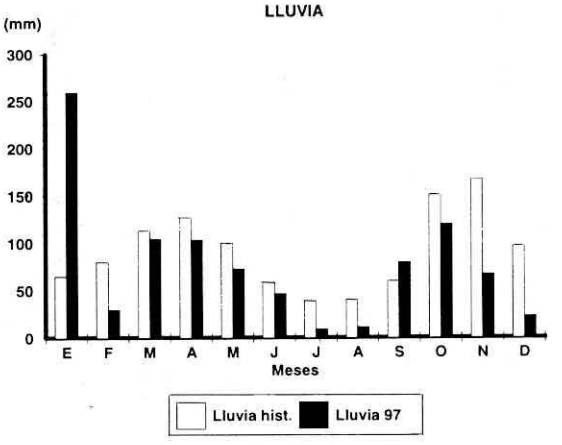
Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	23.2	20.0	80.7	0.0	0.0	0.0	2.3
2	16.0	26.1	21.6	66.0	0.0	11.7	11.7	7.5
3	17.7	24.8	19.9	82.3	4.9	0.0	4.9	2.3
4	16.0	25.8	20.7	71.3	0.0	0.0	0.0	4.4
5	16.9	24.5	20.1	88.0	0.0	0.0	0.0	3.2
6	17.0	26.0	21.6	74.3	0.0	3.5	3.5	4.7
7	16.9	24.7	20.4	84.0	2.6	3.3	5.9	2.2
8	16.8	22.6	18.8	87.0	3.2	0.0	3.2	.4
9	16.3	22.2	17.9	92.0	3.4	0.0	3.4	1.2
10	16.2	22.0	18.5	89.0	1.5	0.0	1.5	1.6
11	15.8	24.9	19.8	78.7	0.0	12.8	12.8	6.8
12	15.6	24.2	18.5	88.0	4.4	0.0	4.4	5.7
13	15.7	23.0	19.1	87.3	.8	0.0	.8	5.3
14	15.0	21.1	18.2	93.3	0.0	2.0	2.0	2.0
15	14.9	20.8	17.2	92.3	1.9	0.0	1.9	3.1
16	15.2	21.3	17.9	86.3	0.0	0.0	0.0	1.4
17	16.0	24.0	18.7	83.7	2.2	1.8	4.0	4.6
18	15.9	24.2	19.9	79.7	0.0	0.0	0.0	6.0
19	16.0	23.4	19.5	82.0	0.0	.2	.2	7.0
20	15.5	23.8	19.9	85.0	0.0	.1	.1	4.0
21	15.8	23.2	19.0	84.3	0.0	0.0	0.0	9.5
22	15.2	26.0	20.3	70.7	0.0	0.0	0.0	5.0
23	15.0	24.5	20.2	72.3	0.0	0.0	0.0	5.0
24	16.0	24.3	20.2	78.0	0.0	0.0	0.0	5.2
25	17.5	24.2	20.2	85.7	0.0	6.0	6.0	1.3
26	17.0	23.5	18.7	88.7	0.0	0.0	0.0	.5
27	15.5	24.0	20.2	85.7	0.0	.1	.1	3.8
28	16.0	25.8	20.8	79.3	0.0	0.0	0.0	9.0
29	16.2	26.0	20.8	77.7	0.0	0.0	0.0	8.9
30	15.5	25.3	20.4	83.3	.7	0.0	.7	6.0
31								
Total :					25.6	41.5	67.1	129.9
Promedio :	16.1	24.0	19.6	82.6				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	22.2	18.5	94.0	0.0	1.2	1.2	.8
2	16.4	25.0	20.8	86.3	0.0	0.0	0.0	5.7
3	16.0	25.5	20.4	73.0	0.0	0.0	0.0	8.7
4	15.8	26.4	20.9	70.7	0.0	0.0	0.0	9.6
5	16.0	27.0	21.4	74.0	0.0	0.0	0.0	8.9
6	18.0	26.5	21.4	79.7	0.0	0.0	0.0	5.8
7	17.2	27.0	20.9	68.7	0.0	0.0	0.0	7.4
8	16.2	26.8	20.7	72.0	0.0	0.0	0.0	6.3
9	15.2	27.1	21.5	71.7	0.0	0.0	0.0	7.7
10	16.4	27.0	21.5	75.0	0.0	0.0	0.0	6.2
11	16.0	27.1	22.1	72.3	0.0	0.0	0.0	8.0
12	16.2	26.8	21.6	76.0	0.0	0.0	0.0	7.5
13	16.3	26.5	21.3	76.3	0.0	0.0	0.0	8.3
14	16.2	26.0	19.5	86.3	3.2	2.0	5.2	2.6
15	17.5	22.5	19.0	91.0	0.0	1.3	1.3	1.4
16	17.0	24.1	19.3	87.3	0.0	12.8	12.8	3.5
17	16.8	25.0	19.6	81.3	0.0	0.0	0.0	6.2
18	15.2	26.0	21.0	74.3	0.0	0.0	0.0	8.4
19	15.5	25.4	20.8	74.3	0.0	2.1	2.1	8.4
20	16.8	25.0	20.6	83.3	0.0	0.0	0.0	5.1
21	16.1	26.8	20.2	73.7	0.0	0.0	0.0	8.3
22	16.4	26.3	20.1	72.7	0.0	0.0	0.0	7.5
23	15.5	26.2	20.6	71.7	0.0	0.0	0.0	7.4
24	17.5	26.5	20.6	78.0	0.0	0.0	0.0	7.0
25	16.5	27.0	21.4	61.7	0.0	0.0	0.0	9.2
26	16.0	27.2	21.6	65.7	0.0	0.0	0.0	7.8
27	17.0	27.0	20.8	73.3	0.0	0.0	0.0	7.9
28	18.0	27.5	21.8	73.0	0.0	0.0	0.0	7.3
29	16.0	28.0	22.8	65.0	0.0	0.0	0.0	9.6
30	17.9	25.4	20.1	90.0	0.0	0.0	0.0	3.5
31	16.0	26.0	21.4	79.3	0.0	0.0	0.0	9.2
Total :					3.2	19.4	22.6	211.2
Promedio :	16.5	26.1	20.8	76.5				

Estación : GRANJA TIBACUY **Dpto. :** CUNDINAMARCA **Latitud :** 4 ° 22 'N
Año : 1997 **Mpio. :** TIBACUY **Longitud :** 74 ° 26 'W
Altitud : 1550 **m**

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.8	22.7	18.8	24.5	14.7	88.7	258.9	21	93.7
Febrero	15.9	24.3	19.6	27.5	14.2	80.5	29.8	7	127.5
Marzo	16.4	24.5	19.8	27.5	14.0	82.5	104.1	19	138.8
Abril	15.9	23.3	19.3	26.1	14.8	84.6	103.3	15	90.7
Mayo	16.1	24.0	19.4	26.9	14.8	83.7	72.7	12	119.8
Junio	15.7	23.2	18.9	25.7	14.3	85.4	46.5	18	111.8
Julio	15.5	23.9	19.2	26.4	14.0	79.2	8.7	9	117.8
Agosto	16.1	26.3	20.8	28.9	14.5	68.7	11.1	6	146.5
Septiembre	16.1	25.5	20.7	28.0	15.0	72.2	79.3	10	113.5
Octubre	16.3	25.1	20.5	28.0	14.5	76.4	119.4	10	151.3
Noviembre	16.1	24.0	19.6	26.1	14.9	82.6	67.1	18	129.9
Diciembre	16.5	26.1	20.8	28.0	15.2	76.5	22.6	5	211.2
Promedio :	16.0	24.4	19.8			80.1			
Absoluta :				28.9	14.0				
Total :							923.5	150	1552.5





Estación : JORGE VILLAMIL
Año : 1997

Dpto. : HUILA
Mpio. : GIGANTE

Latitud : 2 ° 20 ' N
Longitud : 75 ° 31 ' W
Altitud : 1500 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	21.8	19.0	84.7	.1	1.1	1.2	.5
2	16.1	24.0	19.4	80.3	0.0	0.0	0.0	5.2
3	16.0	24.5	19.4	75.3	0.0	0.0	0.0	7.9
4	15.5	25.0	19.6	77.0	0.0	.1	.1	4.2
5	17.5	25.1	20.1	80.0	.5	0.0	.5	2.1
6	16.9	25.5	20.4	76.3	0.0	.2	.2	2.6
7	17.0	22.6	18.9	81.0	3.2	.2	3.4	.8
8	17.1	23.4	18.8	85.0	1.5	0.0	1.5	1.6
9	16.0	23.2	19.3	85.0	0.0	0.0	0.0	3.0
10	16.2	21.5	18.0	85.7	10.9	1.3	12.2	.1
11	15.6	22.0	18.8	84.3	0.0	0.0	0.0	.4
12	16.8	22.8	19.2	82.3	0.0	4.7	4.7	2.9
13	16.2	23.5	19.0	82.7	0.0	0.0	0.0	3.2
14	17.0	23.5	19.7	77.7	0.0	0.0	0.0	1.5
15	16.3	21.5	17.7	91.0	16.0	0.0	16.0	1.4
16	16.8	20.5	18.1	86.7	0.0	14.0	14.0	3.8
17	15.5	20.0	17.6	91.0	14.4	0.0	14.4	.1
18	16.0	22.8	18.0	91.0	1.0	0.0	1.0	3.2
19	17.2	24.8	19.5	71.7	0.0	8.0	8.0	2.8
20	16.0	23.4	19.1	79.0	0.0	0.0	0.0	1.2
21	15.9	22.6	18.2	88.3	1.0	1.0	2.0	1.0
22	16.0	22.2	18.7	86.7	0.0	9.0	9.0	3.3
23	15.0	21.4	17.8	85.7	.4	8.8	9.2	.9
24	16.0	21.8	18.4	86.3	1.1	0.0	1.1	.3
25	15.8	24.8	19.6	78.7	0.0	0.0	0.0	3.0
26	16.2	20.2	17.7	90.7	0.0	0.0	0.0	.3
27	14.5	21.6	17.8	90.7	.8	1.1	1.9	1.0
28	16.5	24.5	19.2	85.3	.8	0.0	.8	3.0
29	15.0	25.0	19.2	79.3	0.0	3.7	3.7	6.8
30	16.0	24.0	20.0	73.7	0.0	2.6	2.6	8.8
31	15.6	23.5	19.2	78.3	0.0	7.0	7.0	7.0
Total :					51.7	62.8	114.5	83.9
Promedio :	16.2	23.0	18.9	82.9				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	22.8	18.0	87.3	2.4	0.0	2.4	3.4
2	15.0	24.0	19.4	81.3	0.0	0.0	0.0	7.2
3	14.9	24.5	19.2	82.3	0.0	0.0	0.0	2.9
4	15.0	23.0	18.0	84.0	15.8	0.0	15.8	2.6
5	15.2	20.2	16.6	87.7	.3	0.0	.3	2.7
6	14.0	22.2	17.8	79.3	0.0	0.0	0.0	.7
7	15.0	24.5	18.9	73.7	.4	1.1	1.5	3.0
8	16.0	20.0	17.6	86.7	2.1	1.0	3.1	0.0
9	15.0	24.8	19.0	75.7	4.6	.2	4.8	4.0
10	16.0	23.4	18.4	86.0	3.1	4.5	7.6	2.2
11	15.5	23.4	19.4	76.0	.5	2.6	3.1	1.6
12	14.8	24.2	18.2	80.7	4.7	0.0	4.7	1.8
13	15.2	26.0	21.0	66.0	0.0	0.0	0.0	4.3
14	16.8	25.8	19.9	76.3	3.5	0.0	3.5	3.5
15	17.8	27.0	22.1	64.3	0.0	0.0	0.0	5.0
16	16.5	26.0	20.6	73.0	2.5	0.0	2.5	6.0
17	16.0	26.0	20.2	74.0	0.0	0.0	0.0	6.1
18	15.1	25.6	20.4	73.0	0.0	0.0	0.0	6.3
19	16.0	27.6	21.6	61.3	0.0	0.0	0.0	7.7
20	14.7	29.0	21.2	56.0	0.0	0.0	0.0	7.4
21	16.0	27.8	21.9	64.7	0.0	0.0	0.0	6.4
22	17.0	27.0	20.8	71.0	3.4	2.5	5.9	4.2
23	16.8	24.8	19.9	79.0	.5	0.0	.5	1.1
24	16.0	26.2	21.6	63.7	0.0	0.0	0.0	2.1
25	17.7	24.0	19.6	73.7	.1	0.0	.1	.2
26	16.7	25.0	20.2	77.7	.8	.4	1.2	2.5
27	17.0	27.0	20.8	66.3	0.0	0.0	0.0	2.5
28	16.0	29.4	22.0	54.0	0.0	0.0	0.0	6.9
29								
30								
31								
Total :					44.7	12.3	57.0	104.3
Promedio :	15.8	25.0	19.8	74.1				

Estación : JORGE VILLAMIL
Año : 1997

Dpto. : HUILA
Mpio. : GIGANTE

Latitud : 2 ° 20 ' N
Longitud : 75 ° 31 ' W
Altitud : 1500 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	28.5	22.2	58.0	0.0	0.0	0.0	6.9
2	18.0	27.5	22.6	69.7	0.0	72.9	72.9	5.7
3	16.5	25.2	20.2	79.3	32.7	5.0	37.7	4.8
4	17.0	26.0	21.1	72.3	0.0	0.0	0.0	3.8
5	15.4	27.0	21.0	55.7	0.0	0.0	0.0	7.4
6	14.7	26.8	20.8	55.7	0.0	0.0	0.0	6.2
7	15.0	28.0	21.4	58.0	0.0	0.0	0.0	8.1
8	18.2	27.0	21.8	67.7	0.0	0.0	0.0	1.0
9	17.5	24.5	20.5	79.0	0.0	0.0	0.0	1.0
10	18.0	26.4	22.0	65.0	0.0	.7	.7	.7
11	16.5	25.8	20.7	78.3	.4	0.0	.4	2.4
12	17.6	28.0	21.9	63.7	0.0	7.0	7.0	3.5
13	16.8	20.2	18.2	88.7	10.8	0.0	10.8	0.0
14	15.5	28.5	21.8	63.3	0.0	0.0	0.0	8.7
15	17.0	28.0	21.0	72.7	.5	0.0	.5	3.6
16	16.5	27.8	21.2	71.0	3.1	0.0	3.1	3.9
17	17.2	24.5	20.2	81.0	.5	1.1	1.6	1.6
18	18.0	23.2	19.2	85.0	0.0	1.8	1.8	1.2
19	15.8	23.0	18.6	89.3	1.0	0.0	1.0	1.4
20	16.5	25.0	20.5	76.3	0.0	3.3	3.3	4.5
21	17.0	24.2	19.9	78.3	2.9	.1	3.0	1.4
22	15.2	25.4	20.2	76.0	0.0	0.0	0.0	5.9
23	15.8	25.0	20.2	76.7	0.0	0.0	0.0	6.2
24	15.4	25.4	20.2	68.0	0.0	0.0	0.0	6.9
25	17.0	25.8	21.5	69.3	0.0	.5	.5	6.1
26	18.0	26.0	21.4	74.0	0.0	1.4	1.4	6.1
27	17.0	25.6	21.2	67.7	0.0	0.0	0.0	4.9
28	17.2	26.0	20.6	73.3	0.0	1.7	1.7	6.2
29	17.0	23.0	19.4	84.7	.3	0.0	.3	.7
30	16.5	27.5	21.0	66.7	0.0	0.0	0.0	4.8
31	16.8	27.6	21.4	63.0	0.0	0.0	0.0	5.8
Total :					52.2	95.5	147.7	131.4
Promedio :	16.6	25.9	20.8	71.9				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	26.8	21.2	73.7	0.0	7.5	7.5	5.4
2	16.5	23.0	19.5	81.7	10.6	.2	10.8	.5
3	17.5	25.6	19.9	74.3	2.2	0.0	2.2	3.4
4	16.0	25.5	21.1	66.0	.3	0.0	.3	3.9
5	16.5	24.6	20.4	72.3	0.0	1.7	1.7	2.2
6	16.5	22.5	19.0	83.3	1.3	0.0	1.3	1.1
7	16.0	27.4	21.3	65.3	0.0	0.0	0.0	3.6
8	17.2	24.5	20.2	72.7	.3	.6	.9	.8
9	17.0	26.0	20.9	72.7	7.0	0.0	7.0	2.6
10	16.5	24.2	19.5	80.7	2.6	0.0	2.6	2.1
11	17.5	26.0	20.6	73.0	1.2	.4	1.6	3.3
12	17.8	22.5	19.0	82.0	3.0	0.0	3.0	0.0
13	16.8	27.2	20.7	66.3	1.8	0.0	1.8	3.3
14	16.5	27.0	20.9	70.7	.9	0.0	.9	3.4
15	17.5	27.5	21.3	72.7	9.2	0.0	9.2	5.6
16	17.0	28.0	21.4	67.3	0.0	0.0	0.0	4.9
17	18.0	27.5	21.8	64.7	0.0	19.9	19.9	2.1
18	15.7	23.5	19.4	74.3	2.1	0.0	2.1	.9
19	16.5	24.8	20.0	77.7	1.8	0.0	1.8	2.7
20	17.0	24.0	19.6	81.7	3.2	6.4	9.6	1.6
21	16.2	20.5	17.4	88.0	28.2	0.0	28.2	.1
22	16.2	24.0	19.8	75.7	0.0	0.0	0.0	2.9
23	16.1	24.0	20.0	77.3	0.0	13.0	13.0	1.9
24	16.5	25.0	20.0	80.3	0.0	5.1	5.1	3.6
25	16.0	20.2	17.1	89.3	7.2	0.0	7.2	.1
26	15.0	25.5	19.4	76.7	2.1	0.0	2.1	3.0
27	17.0	25.5	19.4	80.7	3.6	0.0	3.6	3.7
28	16.8	22.6	19.2	87.0	26.0	0.0	26.0	3.0
29	16.2	26.5	20.7	69.0	.3	.5	.8	4.6
30	16.0	27.5	20.0	67.3	6.9	0.0	6.9	5.6
31								
Total :					121.8	55.3	177.1	81.9
Promedio :	16.6	25.0	20.0	75.5				

Estación : JORGE VILLAMIL
Año : 1997

Dpto. : HUILA
Mpio. : GIGANTE

Latitud : 2 ° 20 ' N
Longitud : 75 ° 31 ' W
Altitud : 1500 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	25.0	20.0	65.7	.1	.3	.4	2.2
2	16.8	24.5	19.5	75.3	0.0	10.3	10.3	3.5
3	15.8	24.0	19.6	77.7	.4	19.2	19.6	3.7
4	16.0	20.8	17.9	83.0	1.7	0.0	1.7	.1
5	16.0	22.0	18.0	84.7	2.4	.1	2.5	.2
6	17.0	22.0	18.8	84.0	.2	0.0	.2	1.1
7	16.2	22.2	17.6	86.0	33.4	.1	33.5	.2
8	15.8	25.5	20.5	69.3	0.0	0.0	0.0	3.4
9	16.3	23.5	19.6	78.7	.2	0.0	.2	1.8
10	16.8	26.5	20.0	74.0	.6	2.2	2.8	2.2
11	16.3	23.5	18.8	79.0	1.3	0.0	1.3	1.6
12	15.5	27.0	19.9	72.7	5.1	.3	5.4	6.2
13	17.5	24.5	20.3	72.3	1.0	0.0	1.0	1.7
14	17.8	26.5	19.3	79.3	10.9	0.0	10.9	3.9
15	16.5	27.0	21.2	64.0	0.0	0.0	0.0	3.3
16	17.0	27.8	20.5	67.3	.6	0.0	.6	4.3
17	16.2	26.2	21.1	70.7	1.1	5.4	6.5	3.5
18	16.8	25.5	20.2	73.7	0.0	.2	.2	2.4
19	17.0	26.0	20.5	67.7	.9	12.0	12.9	2.8
20	16.8	23.8	19.4	82.0	0.0	0.0	0.0	2.2
21	15.8	26.5	20.8	72.0	.2	13.5	13.7	4.9
22	16.5	25.6	21.2	73.3	1.4	0.0	1.4	5.9
23	16.0	26.5	20.5	72.7	.3	0.0	.3	4.9
24	18.0	25.0	20.6	76.3	0.0	0.0	0.0	.3
25	17.0	24.0	19.4	85.0	2.6	.3	2.9	.4
26	16.2	22.0	18.8	85.3	2.2	.2	2.4	0.0
27	17.0	24.5	18.6	85.7	2.8	.4	3.2	1.8
28	16.0	26.5	20.4	75.0	1.3	2.0	3.3	5.3
29	17.0	22.5	18.0	87.7	10.9	.9	11.8	1.0
30	16.5	23.6	19.7	70.7	1.8	0.0	1.8	2.8
31	17.0	23.5	19.4	80.7	1.7	0.0	1.7	1.1
Total :					85.1	67.4	152.5	78.7
Promedio :	16.5	24.6	19.7	76.5				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	25.8	20.1	68.7	0.0	0.0	0.0	3.3
2	15.8	27.0	21.4	64.3	0.0	0.0	0.0	4.5
3	16.5	28.5	21.0	67.7	0.0	0.0	0.0	5.0
4	17.0	26.5	19.6	76.3	20.3	.5	20.8	2.6
5	16.5	25.8	20.8	76.3	0.0	12.3	12.3	6.5
6	17.0	22.0	18.6	89.0	1.2	.5	1.7	.3
7	16.5	23.0	18.7	89.0	6.8	0.0	6.8	1.0
8	16.2	20.8	18.8	87.0	4.2	0.0	4.2	.4
9	15.5	23.0	19.1	79.3	.6	0.0	.6	.5
10	16.5	26.5	20.6	67.3	.5	0.0	.5	5.9
11	17.0	24.0	19.5	75.3	1.4	0.0	1.4	1.2
12	17.6	24.0	18.6	77.3	.7	0.0	.7	2.8
13	16.5	23.8	19.5	71.0	0.0	0.0	0.0	1.8
14	17.0	24.5	20.1	68.0	0.0	0.0	0.0	2.0
15	16.0	26.6	20.7	69.3	0.0	0.0	0.0	4.0
16	16.5	27.0	20.8	71.3	.4	0.0	.4	6.3
17	17.0	27.2	21.4	63.7	0.0	.7	.7	6.2
18	17.5	24.2	19.2	74.7	15.5	2.1	17.6	1.8
19	16.2	23.0	19.4	80.7	2.0	3.4	5.4	2.8
20	16.8	26.5	19.8	70.0	.1	0.0	.1	6.8
21	15.5	27.6	20.9	58.3	0.0	0.0	0.0	8.8
22	16.0	25.4	20.8	68.3	0.0	3.6	3.6	4.4
23	17.2	25.5	19.8	70.7	9.5	.3	9.8	.5
24	17.4	25.5	19.8	72.3	.6	.5	1.1	2.1
25	16.2	23.0	17.8	87.3	13.6	3.7	17.3	.2
26	15.5	25.5	19.8	71.7	.6	0.0	.6	5.1
27	15.8	25.5	19.6	74.7	0.0	0.0	0.0	4.9
28	16.5	27.6	21.9	62.3	.1	0.0	.1	8.9
29	15.5	26.5	20.4	64.3	.4	1.1	1.5	4.9
30	16.5	23.5	19.6	79.0	1.0	29.2	30.2	2.4
31								
Total					79.5	57.9	137.4	107.9
Promedio	16.5	25.2	19.9	73.2				

Estación : JORGE VILLAMIL
Año : 1997

Dpto. : HUILA
Mpio. : GIGANTE

Latitud : 2 ° 20 ' N
Longitud : 75 ° 31 ' W
Altitud : 1500 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	20.2	17.5	87.3	10.9	0.0	10.9	.7
2	15.0	25.6	20.1	65.0	0.0	2.3	2.3	6.1
3	15.5	23.0	18.3	74.7	.7	.2	.9	4.5
4	16.0	22.0	19.2	75.7	2.0	0.0	2.0	2.7
5	15.6	21.0	17.8	89.0	1.4	1.3	2.7	1.1
6	15.3	21.2	18.0	90.0	10.2	1.5	11.7	.3
7	16.5	21.8	18.6	80.3	2.4	3.6	6.0	.6
8	15.6	21.5	18.4	82.0	1.8	0.0	1.8	.4
9	15.0	24.0	18.6	71.0	0.0	0.0	0.0	1.3
10	16.0	23.5	18.6	70.0	1.1	0.0	1.1	1.8
11	15.8	22.8	18.2	77.7	0.0	2.5	2.5	3.1
12	16.0	22.4	18.4	79.7	1.0	0.0	1.0	1.2
13	16.2	24.0	18.6	72.7	.7	0.0	.7	3.7
14	16.2	20.5	17.4	83.3	.7	0.0	.7	.9
15	16.2	22.0	17.8	76.7	.2	0.0	.2	1.6
16	15.2	22.0	17.8	73.3	0.0	0.0	0.0	.8
17	16.5	26.5	20.8	60.0	0.0	0.0	0.0	5.8
18	16.0	25.1	19.3	76.7	.4	0.0	.4	5.3
19	16.0	26.5	20.7	60.7	0.0	.8	.8	7.7
20	16.2	25.9	19.0	71.3	0.0	0.0	0.0	7.1
21	15.0	21.9	17.8	83.0	1.0	0.0	1.0	1.7
22	15.6	24.5	20.0	72.7	.2	0.0	.2	4.7
23	16.5	21.8	18.3	90.0	1.5	2.8	4.3	.4
24	15.5	20.0	18.0	82.7	1.6	.4	2.0	.2
25	15.2	20.1	17.5	85.0	.5	0.0	.5	0.0
26	16.8	22.4	18.3	80.0	1.4	0.0	1.4	2.2
27	16.0	21.0	18.0	81.7	5.0	0.0	5.0	.2
28	14.2	26.0	19.3	68.3	.2	0.0	.2	3.9
29	14.2	28.2	21.7	50.7	0.0	0.0	0.0	9.0
30	16.0	26.0	19.8	69.7	0.0	0.0	0.0	2.2
31	16.6	27.8	20.8	69.3	.3	3.7	4.0	5.9
Total :					45.2	19.1	64.3	87.1
Promedio :	15.7	23.3	18.8	75.8				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	26.2	20.3	67.0	.2	0.0	.2	6.4
2	17.0	25.0	20.0	69.0	1.2	1.1	2.3	3.7
3	15.4	26.4	19.5	74.7	.4	0.0	.4	2.7
4	16.4	22.4	19.0	78.7	.6	.5	1.1	.7
5	16.0	24.4	19.7	74.7	.3	1.2	1.5	2.1
6	16.5	23.2	18.8	77.0	.4	4.0	4.4	.6
7	15.8	22.4	18.4	71.3	.3	0.0	.3	.7
8	15.0	23.0	17.0	77.7	57.9	.3	58.2	2.4
9	14.0	19.0	16.2	88.3	1.5	0.0	1.5	.1
10	14.8	22.0	17.3	69.7	0.0	0.0	0.0	1.8
11	14.0	28.2	19.8	54.7	0.0	0.0	0.0	8.3
12	14.5	26.8	19.4	64.0	.1	0.0	.1	4.6
13	16.0	25.5	19.8	72.7	0.0	.5	.5	3.4
14	16.0	23.0	18.8	80.0	.2	0.0	.2	2.6
15	16.0	23.9	19.4	78.0	2.6	0.0	2.6	4.1
16	16.5	26.4	20.8	66.7	.2	2.5	2.7	3.5
17	16.0	25.6	20.0	72.3	.2	.1	.3	4.2
18	16.5	28.8	21.5	61.7	0.0	.6	.6	5.5
19	16.6	24.1	19.3	74.3	.7	0.0	.7	2.2
20	17.0	26.0	21.2	54.3	0.0	0.0	0.0	6.2
21	15.5	26.1	20.3	65.7	.1	.2	.3	5.8
22	15.8	25.0	18.8	74.0	1.2	.1	1.3	3.7
23	16.5	27.2	20.1	64.0	0.0	0.0	0.0	5.4
24	16.0	27.6	21.7	56.7	0.0	0.0	0.0	4.7
25	16.4	26.8	21.5	64.3	0.0	.1	.1	2.2
26	17.0	23.1	18.6	84.0	3.4	.2	3.6	.8
27	16.0	25.7	19.2	75.7	1.0	0.0	1.0	4.0
28	16.0	23.8	19.4	71.0	.2	0.0	.2	3.0
29	14.0	27.9	20.8	56.0	0.0	0.0	0.0	8.2
30	15.0	28.8	22.2	52.7	0.0	0.0	0.0	8.1
31	15.9	27.9	21.0	67.7	0.0	0.0	0.0	4.0
Total :					72.7	11.4	84.1	115.7
Promedio :	15.8	25.2	19.7	69.6				

Estación : JORGE VILLAMIL
Año : 1997

Dpto. : HUILA
Mpio. : GIGANTE

Latitud : 2 ° 20 ' N
Longitud : 75 ° 31 ' W
Altitud : 1500 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.9	28.0	21.2	60.0	0.0	0.0	0.0	3.9
2	17.0	25.2	19.4	77.3	4.5	0.0	4.5	1.5
3	16.2	26.8	20.5	63.7	0.0	0.0	0.0	2.4
4	15.8	28.0	21.4	63.7	0.0	0.0	0.0	6.2
5	16.4	28.2	21.2	62.3	.4	0.0	.4	6.2
6	18.2	28.0	21.8	65.3	0.0	.2	.2	5.1
7	18.0	26.6	21.3	73.3	.3	0.0	.3	4.1
8	17.0	26.0	21.6	67.0	0.0	0.0	0.0	2.9
9	15.8	27.5	21.6	68.0	0.0	0.0	0.0	4.7
10	18.0	27.4	21.7	63.0	0.0	0.0	0.0	4.6
11	17.0	24.0	19.2	78.3	0.0	0.0	0.0	.1
12	17.2	26.4	20.9	63.7	0.0	0.0	0.0	2.4
13	16.8	29.0	22.2	56.7	0.0	0.0	0.0	4.8
14	15.0	28.0	20.5	57.3	0.0	0.0	0.0	5.5
15	17.3	27.0	21.0	64.3	0.0	0.0	0.0	3.5
16	17.4	25.0	19.6	77.7	.2	0.0	.2	1.4
17	15.5	29.6	21.8	57.0	0.0	0.0	0.0	8.9
18	15.0	28.0	21.8	57.7	0.0	0.0	0.0	3.2
19	16.6	28.4	22.4	62.3	0.0	0.0	0.0	3.7
20	18.4	28.3	21.4	67.0	1.4	0.0	1.4	1.6
21	15.5	29.4	20.6	69.7	8.8	0.0	8.8	6.6
22	16.4	28.8	21.8	69.0	0.0	0.0	0.0	6.3
23	17.5	19.6	18.5	90.0	2.4	0.0	2.4	0.0
24	17.3	25.8	19.7	79.0	3.3	0.0	3.3	1.0
25	18.4	26.4	21.2	65.0	0.0	1.4	1.4	2.0
26	17.6	26.4	21.0	62.0	0.0	0.0	0.0	2.4
27	18.4	26.2	20.0	69.0	.3	1.1	1.4	.8
28	16.5	25.1	19.8	63.0	0.0	0.0	0.0	1.9
29	14.9	29.2	21.5	53.0	0.0	0.0	0.0	7.5
30	17.0	26.9	20.2	61.7	0.0	0.0	0.0	2.0
31								
Total :					21.6	2.7	24.3	107.2
Promedio :	16.8	27.0	20.9	66.2				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	30.0	21.9	55.3	0.0	0.0	0.0	4.7
2	16.6	26.2	21.4	65.3	.3	.5	.8	2.8
3	16.8	25.5	20.2	68.7	0.0	0.0	0.0	.2
4	18.0	31.0	22.2	57.3	0.0	0.0	0.0	8.0
5	17.5	30.0	22.0	62.7	0.0	0.0	0.0	5.5
6	17.2	27.0	21.0	61.3	0.0	.1	.1	2.8
7	16.8	24.8	20.0	71.7	.9	0.0	.9	.5
8	16.6	26.3	20.6	58.7	0.0	0.0	0.0	1.6
9	16.2	30.0	23.2	48.3	0.0	0.0	0.0	7.8
10	18.2	30.4	22.8	58.7	0.0	0.0	0.0	4.2
11	16.6	30.2	23.4	58.0	0.0	0.0	0.0	7.2
12	17.3	29.1	22.6	68.7	0.0	1.0	1.0	5.7
13	17.5	24.6	20.2	76.7	0.0	0.0	0.0	1.1
14	17.0	25.5	19.4	77.7	27.2	0.0	27.2	1.0
15	17.1	24.8	19.3	80.0	8.4	.3	8.7	1.2
16	15.5	25.0	20.7	73.7	0.0	16.8	16.8	1.0
17	16.0	21.2	18.6	90.0	37.1	2.1	39.2	.2
18	16.2	22.8	18.9	83.0	2.0	.7	2.7	1.2
19	16.4	22.2	19.2	86.7	0.0	0.0	0.0	.2
20	16.4	28.4	20.9	64.0	4.9	0.0	4.9	5.6
21	17.0	22.3	18.7	83.3	10.1	0.0	10.1	1.2
22	16.5	27.0	20.8	65.7	0.0	0.0	0.0	6.3
23	16.8	27.8	21.4	71.0	0.0	0.0	0.0	5.2
24	17.2	28.3	22.1	59.3	.4	0.0	.4	6.3
25	17.2	27.0	22.5	63.0	0.0	0.0	0.0	5.3
26	18.5	28.2	22.6	68.3	.2	0.0	.2	4.1
27	18.0	28.2	21.6	73.3	0.0	0.0	0.0	4.1
28	17.2	28.6	21.5	69.3	2.6	0.0	2.6	6.3
29	17.5	27.8	21.3	71.7	0.0	0.0	0.0	3.7
30	17.3	28.1	22.1	70.0	0.0	0.0	0.0	5.9
31	17.5	28.4	21.3	67.3	3.1	.8	3.9	3.6
Total :					97.2	22.3	119.5	114.5
Promedio :	17.0	27.0	21.1	68.7				

Estación : JORGE VILLAMIL
Año : 1997

Dpto. : HUILA
Mpio. : GIGANTE

Latitud : 2 ° 20 ' N
Longitud : 75 ° 31 ' W
Altitud : 1500 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	25.0	20.0	82.0	2.3	0.0	2.3	2.5
2	17.5	25.1	20.7	69.3	0.0	0.0	0.0	1.7
3	16.9	28.0	20.5	72.7	3.1	0.0	3.1	1.4
4	16.6	28.5	22.3	61.0	0.0	0.0	0.0	4.8
5	18.0	25.1	20.8	72.3	0.0	.6	.6	.6
6	17.2	25.8	21.8	64.7	0.0	0.0	0.0	1.0
7	18.0	23.6	20.0	81.0	2.6	0.0	2.6	.2
8	17.8	23.5	19.6	76.7	0.0	0.0	0.0	.4
9	17.9	21.8	19.6	80.7	1.6	0.0	1.6	0.0
10	17.8	24.0	20.8	74.0	0.0	.4	.4	.2
11	18.0	27.2	21.2	74.3	.6	1.1	1.7	5.0
12	17.2	24.1	19.5	86.3	7.2	19.9	27.1	4.9
13	16.0	23.5	19.2	85.0	0.0	.6	.6	7.0
14	17.2	22.9	18.6	88.3	2.2	2.2	4.4	3.4
15	16.1	21.4	18.2	87.3	.7	1.8	2.5	.7
16	16.0	20.6	18.2	88.7	.4	0.0	.4	1.2
17	16.4	23.5	19.0	88.3	5.9	0.0	5.9	2.1
18	16.8	28.1	21.6	64.3	0.0	0.0	0.0	4.2
19	17.0	25.0	20.2	75.7	0.0	0.0	0.0	2.7
20	16.0	25.0	19.9	77.3	2.4	0.0	2.4	1.2
21	16.9	24.5	19.8	87.3	.7	0.0	.7	3.1
22	17.0	27.2	21.2	68.0	0.0	0.0	0.0	3.1
23	17.2	27.0	21.4	62.7	0.0	1.9	1.9	1.9
24	17.0	25.4	20.7	68.3	.6	0.0	.6	1.7
25	18.0	22.8	19.0	89.3	4.8	6.9	11.7	1.6
26	16.5	21.9	19.0	84.0	0.0	2.5	2.5	.5
27	16.2	22.0	19.0	89.7	0.0	0.0	0.0	.7
28	18.0	25.0	20.8	79.3	0.0	0.0	0.0	3.2
29	17.5	27.0	20.9	72.3	0.0	0.0	0.0	4.5
30	16.8	27.8	20.1	75.7	29.9	0.0	29.9	4.5
31								
Total					65.0	37.9	102.9	70.0
Promedio	17.1	24.7	20.1	77.5				

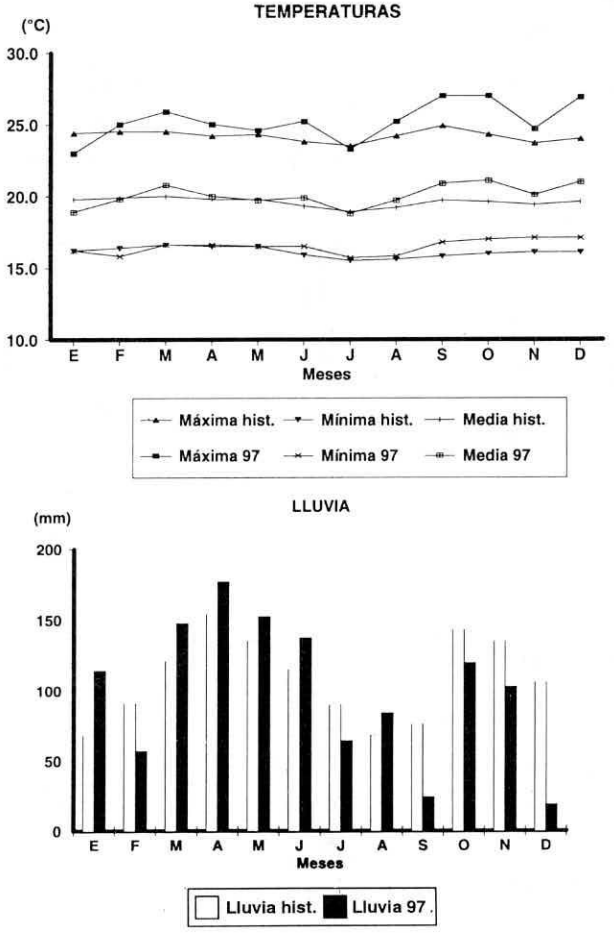
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	23.8	20.0	86.0	0.0	0.0	0.0	4.3
2	18.0	24.2	20.0	84.0	3.9	0.0	3.9	1.9
3	17.2	26.4	20.4	73.7	0.0	0.0	0.0	5.3
4	17.0	28.2	21.2	64.0	0.0	0.0	0.0	6.1
5	16.5	28.4	20.6	69.3	0.0	0.0	0.0	3.1
6	17.8	27.2	21.2	61.3	0.0	0.0	0.0	3.5
7	18.0	27.0	21.9	65.0	0.0	0.0	0.0	5.0
8	18.2	26.5	20.4	68.0	.6	0.0	.6	3.6
9	16.4	28.8	21.8	58.3	0.0	0.0	0.0	8.5
10	17.0	28.5	22.2	61.7	0.0	0.0	0.0	6.0
11	17.2	28.2	21.9	66.0	0.0	0.0	0.0	5.3
12	16.0	30.0	21.6	69.7	1.1	0.0	1.1	5.8
13	17.8	28.2	22.0	72.7	.1	0.0	.1	7.1
14	17.2	22.0	20.0	86.0	0.0	0.0	0.0	.7
15	17.0	23.0	19.6	88.3	3.1	0.0	3.1	.6
16	18.0	22.0	19.5	88.3	2.4	0.0	2.4	.3
17	17.4	24.6	20.0	81.0	0.0	0.0	0.0	3.4
18	16.5	27.0	21.3	71.0	0.0	0.0	0.0	7.0
19	16.6	26.0	20.4	78.0	0.0	0.0	0.0	7.9
20	17.6	27.8	20.6	75.7	.3	0.0	.3	4.9
21	17.0	30.2	22.4	59.3	0.0	0.0	0.0	9.5
22	16.2	27.6	21.3	59.7	0.0	0.0	0.0	4.1
23	17.2	26.0	19.8	69.3	0.0	0.0	0.0	2.1
24	18.0	23.8	20.8	70.7	.4	0.0	.4	1.1
25	17.6	27.4	21.3	61.0	0.0	0.0	0.0	1.9
26	16.0	29.2	22.0	56.7	0.0	0.0	0.0	7.6
27	17.0	28.8	22.0	63.0	0.0	0.0	0.0	5.3
28	16.2	29.2	22.0	61.7	0.0	0.0	0.0	6.7
29	16.4	31.4	22.4	58.0	0.0	0.0	0.0	8.1
30	17.5	27.0	20.5	76.3	4.7	2.3	7.0	1.3
31	17.0	25.4	20.0	82.3	.1	2.3	.1	2.2
Total					16.7	4.6	19.0	140.2
Promedio	17.1	26.9	21.0	70.5				

Estación : JORGE VILLAMIL
Año : 1997

Dpto. : HUILA
Mpio. : GIGANTE

Latitud : 2 ° 20 'N
Longitud : 75 ° 31 'W
Altitud : 1500 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.2	23.0	18.9	25.5	14.5	82.9	114.5	22	83.9
Febrero	15.8	25.0	19.8	29.4	14.0	74.1	57.0	15	104.3
Marzo	16.6	25.9	20.8	28.5	14.7	71.9	147.7	17	131.4
Abril	16.6	25.0	20.0	28.0	15.0	75.5	177.1	27	81.9
Mayo	16.5	24.6	19.7	27.8	15.0	76.5	152.5	27	78.7
Junio	16.5	25.2	19.9	28.5	15.5	73.2	137.4	22	107.9
Julio	15.7	23.3	18.8	28.2	14.2	75.8	64.3	25	87.1
Agosto	15.8	25.2	19.7	28.8	14.0	69.6	84.1	23	115.7
Septiembre	16.8	27.0	20.9	29.6	14.9	66.2	24.3	11	107.2
Octubre	17.0	27.0	21.1	31.0	15.5	68.7	119.5	15	114.5
Noviembre	17.1	24.7	20.1	28.5	16.0	77.6	102.9	20	70.0
Diciembre	17.1	26.9	21.0	31.4	16.0	70.5	19.0	10	140.2
Promedio :	16.5	25.2	20.1			73.5			
Absoluta :				31.4	14.0				
Total :							1200.3	234	1222.8



Estación : JIROCASACA
Año : 1997

Dpto. : MAGDALENA
Mpio. : SANTA MARTA

Latitud : 11 ° 3 ' N
Longitud : 74 ° 2 ' W
Altitud : 710 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	28.5	22.2	79.0	0.0	0.0	0.0	8.5
2	19.0	28.0	21.6	78.3	0.0	0.0	0.0	7.6
3	18.0	27.9	21.6	78.7	0.0	0.0	0.0	7.0
4	19.5	27.5	21.9	74.3	0.0	0.0	0.0	5.4
5	19.0	28.3	21.3	81.7	0.0	0.0	0.0	7.1
6	18.8	27.6	21.8	85.7	0.0	0.0	0.0	4.9
7	19.0	28.8	21.5	85.7	0.0	0.0	0.0	5.2
8	18.8	27.7	22.4	80.0	0.0	0.0	0.0	6.4
9	18.0	27.9	22.2	81.7	0.0	0.0	0.0	6.0
10	18.9	28.1	22.5	80.7	0.0	0.0	0.0	8.3
11	18.4	26.3	21.3	94.0	0.0	0.0	0.0	4.0
12	20.2	28.4	23.1	77.3	0.0	0.0	0.0	8.0
13	20.0	27.4	23.3	76.3	0.0	0.0	0.0	5.9
14	20.7	28.7	24.1	67.3	0.0	0.0	0.0	6.8
15	18.8	29.1	23.6	66.0	0.0	0.0	0.0	8.6
16	20.0	27.8	22.5	80.7	0.0	0.0	0.0	6.8
17	20.5	28.7	22.7	71.0	0.0	0.0	0.0	9.2
18	18.7	29.0	22.4	76.3	0.0	4.0	4.0	9.3
19	20.3	27.0	22.6	74.7	0.0	0.0	0.0	5.6
20	19.9	27.5	22.9	70.7	0.0	0.0	0.0	8.9
21	19.7	27.8	22.8	71.7	0.0	0.0	0.0	8.9
22	19.7	28.5	22.7	72.7	0.0	0.0	0.0	9.2
23	19.2	28.9	22.0	57.3	0.0	0.0	0.0	6.8
24	20.8	28.1	22.8	72.0	0.0	0.0	0.0	6.2
25	19.8	27.5	23.4	69.7	0.0	0.0	0.0	9.0
26	20.9	28.7	23.5	62.7	0.0	0.0	0.0	9.5
27	18.8	27.9	22.9	72.7	0.0	0.0	0.0	7.1
28	20.7	27.0	22.5	74.0	0.0	0.0	0.0	6.7
29	20.5	29.3	23.2	72.0	0.0	0.0	0.0	8.8
30	19.4	27.4	22.8	75.7	0.0	0.0	0.0	9.4
31	19.8	28.0	22.4	76.0	0.0	0.0	0.0	9.3
Total :					0.0	4.0	4.0	230.4
Promedio :	19.5	28.0	22.5	75.4				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.0	28.3	22.5	78.7	0.0	0.0	0.0	7.1
2	20.2	27.7	22.9	76.0	0.0	0.0	0.0	7.4
3	21.0	29.8	23.5	76.3	0.0	0.0	0.0	8.4
4	21.6	29.2	23.9	81.3	0.0	0.0	0.0	6.6
5	20.5	25.5	21.8	82.0	10.4	0.0	10.4	2.2
6	18.4	27.8	22.3	79.7	0.0	0.0	0.0	6.5
7	20.4	28.9	23.8	76.3	0.0	0.0	0.0	7.1
8	20.3	27.4	22.3	85.3	0.0	0.0	0.0	5.1
9	20.6	26.0	22.5	84.0	0.0	0.0	0.0	4.2
10	21.8	28.3	23.2	74.0	0.0	0.0	0.0	4.7
11	20.0	27.9	22.8	82.7	0.0	0.0	0.0	3.8
12	20.8	26.8	23.2	78.0	0.0	0.0	0.0	5.9
13	20.0	27.8	22.9	80.3	0.0	0.0	0.0	9.1
14	20.5	27.8	23.2	83.7	0.0	0.0	0.0	8.3
15	20.8	27.7	23.5	77.3	0.0	0.0	0.0	9.1
16	19.6	26.5	22.5	71.0	0.0	0.0	0.0	8.9
17	20.4	28.0	23.7	69.7	0.0	3	.3	8.6
18	19.4	26.3	22.1	77.3	0.0	0.0	0.0	9.6
19	19.6	25.8	22.5	76.3	0.0	0.0	0.0	9.6
20	18.9	25.5	21.8	81.7	0.0	0.0	0.0	5.1
21	20.3	28.4	23.2	76.0	0.0	0.0	0.0	9.5
22	20.6	29.8	24.0	72.0	0.0	0.0	0.0	9.6
23	20.6	27.9	24.0	77.0	0.0	0.0	0.0	9.0
24	20.5	25.2	22.9	82.3	0.0	0.0	0.0	3.1
25	20.4	26.1	23.4	82.3	0.0	0.0	0.0	6.5
26	20.8	27.0	24.1	79.0	0.0	0.0	0.0	7.6
27	20.3	28.2	24.4	78.7	0.0	0.0	0.0	7.5
28	21.0	26.9	23.6	77.7	0.0	0.0	0.0	7.5
29								
30								
31								
Total :					10.4	.3	10.7	197.6
Promedio :	20.3	27.4	23.1	78.4				

Estación : JIROCASACA
Año : 1997

Dpto. : MAGDALENA
Mpio. : SANTA MARTA

Latitud : 11 ° 3 ' N
Longitud : 74 ° 2 ' W
Altitud : 710 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.6	28.0	23.5	67.0	0.0	0.0	0.0	9.8
2	19.8	26.8	23.4	68.3	0.0	0.0	0.0	7.1
3	20.0	26.9	23.2	67.3	0.0	0.0	0.0	9.6
4	19.7	26.3	23.4	63.7	0.0	0.0	0.0	9.9
5	19.8	27.9	23.7	71.3	0.0	0.0	0.0	9.8
6	20.2	28.8	23.2	67.3	0.0	0.0	0.0	9.7
7	19.0	27.8	23.6	72.7	0.0	0.0	0.0	8.0
8	19.0	26.8	23.0	76.3	0.0	0.0	0.0	9.6
9	20.3	28.0	24.0	68.3	0.0	0.0	0.0	9.7
10	20.0	27.6	23.2	75.0	0.0	0.0	0.0	5.9
11	19.0	30.3	25.1	70.3	0.0	0.0	0.0	9.6
12	21.0	29.7	24.4	77.3	0.0	0.0	0.0	8.0
13	22.0	30.3	24.6	79.0	0.0	0.0	0.0	4.0
14	20.5	31.8	25.8	73.3	0.0	0.0	0.0	9.0
15	21.0	31.0	25.1	68.7	0.0	0.0	0.0	9.1
16	20.3	29.4	24.4	66.3	0.0	0.0	0.0	9.4
17	21.6	29.0	24.0	69.3	0.0	0.0	0.0	7.5
18	20.4	26.8	23.4	81.7	0.0	0.0	0.0	2.8
19	20.2	29.8	24.3	69.7	0.0	0.0	0.0	6.7
20	19.8	30.2	24.0	69.7	0.0	0.0	0.0	5.7
21	20.5	29.5	23.7	69.7	0.0	0.0	0.0	8.6
22	21.0	26.7	23.3	81.7	0.0	0.0	0.0	4.2
23	19.3	27.6	23.1	80.0	0.0	0.0	0.0	4.7
24	19.7	29.3	24.4	66.7	0.0	0.0	0.0	7.5
25	20.7	27.0	22.9	73.7	0.0	0.0	0.0	8.2
26	21.5	28.9	23.8	74.0	0.0	0.0	0.0	5.6
27	20.1	29.1	23.2	84.7	0.0	0.0	0.0	5.9
28	18.9	28.0	23.5	70.3	0.0	0.0	0.0	9.3
29	19.9	29.9	24.2	72.7	0.0	.7	.7	9.1
30	20.8	28.5	24.2	74.7	0.0	0.0	0.0	5.7
31	21.9	27.4	24.0	75.0	0.0	0.0	0.0	4.3
Total :					0.0	.7	.7	234.0
Promedio :	20.3	28.6	23.9	72.4				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	22.0	28.5	24.3	72.0	0.0	0.0	0.0	5.3
2	20.5	30.5	24.2	68.3	0.0	0.0	0.0	8.8
3	21.7	30.2	24.6	68.7	0.0	0.0	0.0	9.4
4	22.5	30.0	25.0	68.7	0.0	0.0	0.0	9.4
5	22.0	30.0	25.2	66.0	0.0	0.0	0.0	8.0
6	21.0	28.8	23.5	77.0	0.0	0.0	0.0	7.2
7	20.6	29.5	22.8	87.0	0.0	0.0	0.0	5.5
8	21.0	29.5	25.0	76.0	0.0	0.0	0.0	5.9
9	19.5	29.0	24.0	80.7	0.0	0.0	0.0	6.3
10	20.0	30.0	23.8	79.7	0.0	0.0	0.0	8.0
11	22.0	29.0	24.3	74.0	0.0	0.0	0.0	6.2
12	21.0	31.8	25.6	73.0	0.0	0.0	0.0	10.2
13	22.0	31.0	26.6	69.3	0.0	0.0	0.0	9.9
14	21.8	32.0	26.2	72.3	0.0	0.0	0.0	10.0
15	21.5	30.7	25.3	79.0	0.0	0.0	0.0	10.2
16	22.5	31.2	25.9	70.7	0.0	0.0	0.0	9.5
17	23.0	30.5	26.0	70.7	0.0	0.0	0.0	8.8
18	20.5	26.3	23.6	89.7	0.0	0.0	0.0	.9
19	20.0	27.0	22.7	90.3	0.0	0.0	0.0	1.5
20	19.9	27.5	22.7	89.3	0.0	4.6	4.6	2.6
21	20.7	25.2	22.1	97.0	7.3	1.7	9.0	.3
22	19.4	24.8	21.5	97.3	3.7	0.0	3.7	.9
23	20.0	24.7	20.9	97.7	28.2	0.0	28.2	.4
24	19.0	27.5	22.5	95.3	13.2	0.0	13.2	3.5
25	20.0	29.7	23.4	89.0	0.0	0.0	0.0	6.4
26	19.5	28.5	23.2	94.0	.2	0.0	.2	7.1
27	20.5	30.0	25.6	74.3	0.0	0.0	0.0	10.0
28	19.3	28.2	23.9	81.3	0.0	0.0	0.0	8.0
29	20.5	29.0	24.2	81.0	0.0	0.0	0.0	6.6
30	21.7	29.5	25.0	79.7	0.0	0.0	0.0	7.4
31								
Total :					52.6	6.3	58.9	194.2
Promedio :	20.9	29.0	24.1	80.3				

Estación : JIROCASACA
Año : 1997

Dpto. : MAGDALENA
Mpio. : SANTA MARTA

Latitud : 11 ° 3 ' N
Longitud : 74 ° 2 ' W
Altitud : 710 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	21.9	31.3	26.2	73.7	0.0	0.0	0.0	9.9
2	20.8	29.4	25.0	81.7	0.0	0.0	0.0	4.8
3	22.4	31.8	26.3	68.3	0.0	0.0	0.0	8.2
4	20.8	29.0	24.0	86.3	0.0	0.0	0.0	5.4
5	22.3	29.8	24.4	82.0	.1	0.0	.1	7.1
6	21.2	30.5	25.4	72.3	0.0	0.0	0.0	6.5
7	22.4	29.8	24.7	81.3	0.0	0.0	0.0	5.6
8	22.1	29.3	24 8	84.7	0.0	0.0	0.0	8.7
9	23.4	31.5	26.0	76.3	0.0	0.0	0.0	6.1
10	21.1	27.0	22.8	96.0	1.5	0.0	1.5	1.3
11	20.2	26.5	22.0	95.0	0.0	0.0	0.0	1.8
12	20.0	28.3	23.0	91.7	.4	0.0	.4	6.5
13	20.9	29.5	24.0	82.0	0.0	0.0	0.0	8.2
14	20.0	30.4	24.9	77.7	0.0	0.0	0.0	7.3
15	21.5	30.4	25.3	72.3	0.0	0.0	0.0	9.0
16	21.8	31.1	25.9	71.0	0.0	0.0	0.0	10.0
17	20.8	31.3	25.6	76.7	0.0	0.0	0.0	10.4
18	22.4	31.6	25.9	76.3	0.0	0.0	0.0	10.3
19	22.0	30.5	26.0	74.7	0.0	1.4	1.4	10.5
20	22.6	29.1	25.2	75.3	0.0	0.0	0.0	9.9
21	21.8	30.5	25.6	77.7	0.0	0.0	0.0	8.4
22	21.5	29.4	24.8	84.7	0.0	0.0	0.0	5.2
23	21.5	30.5	26.3	75.3	0.0	0.0	0.0	6.9
24	21.7	30.0	25.4	81.0	0.0	0.0	0.0	7.2
25	21.6	29.4	24.6	86.3	0.0	0.0	0.0	6.0
26	21.3	28.0	23.6	92.3	8.2	0.0	8.2	3.7
27	20.3	26.5	22.7	92.0	0.0	0.0	0.0	2.8
28	20.1	28.8	23.4	92.7	13.6	0.0	13.6	6.6
29	19.8	28.0	23.5	92.7	0.0	0.0	0.0	3.1
30	21.4	29.0	22.7	93.3	42.2	0.0	42.2	5.1
31	19.8	27.3	22.7	92.3	10.7	0.0	10.7	3.3
Total :					76.7	1.4	78.1	205.8
Promedio :	21.3	29.5	24.6	82.4				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.5	28.6	23.5	91.7	4.9	0.0	4.9	5.4
2	19.8	30.0	24.4	81.7	0.0	0.0	0.0	8.3
3	21.0	29.2	24.0	90.7	0.0	0.0	0.0	6.8
4	20.5	29.5	23.5	86.0	5.0	0.0	5.0	5.2
5	19.5	26.0	21.9	92.3	24.6	1.8	26.4	2.4
6	20.0	27.8	22.5	93.0	3.6	0.0	3.6	4.7
7	19.8	26.9	21.2	94.0	31.8	2.0	33.8	3.2
8	19.0	27.3	23.2	84.3	0.0	0.0	0.0	4.5
9	19.0	27.1	22.8	86.7	.7	0.0	.7	4.9
10	21.0	27.0	22.5	88.7	7.1	0.0	7.1	3.5
11	20.1	27.7	22.8	93.7	1.5	0.0	1.5	4.1
12	21.3	25.6	22.8	96.3	0.0	0.0	0.0	1.4
13	20.0	27.0	22.1	97.3	23.1	0.0	23.1	3.9
14	19.3	26.4	22.8	94.7	.3	0.0	.3	3.0
15	20.8	25.7	22.9	96.7	.5	0.0	.5	5.0
16	20.5	27.9	24.4	81.7	0.0	0.0	0.0	8.0
17	20.5	27.0	23.8	82.7	0.0	0.0	0.0	8.2
18	21.4	27.7	24.5	81.7	0.0	0.0	0.0	5.6
19	20.5	27.7	23.9	84.0	0.0	0.0	0.0	1.6
20	19.8	29.4	23.4	87.0	0.0	6.5	6.5	7.0
21	20.6	26.8	23.0	88.3	1.8	0.0	1.8	1.1
22	20.5	27.9	24.6	77.3	.2	0.0	.2	7.6
23	21.5	28.6	24.5	82.3	0.0	0.0	0.0	6.6
24	23.5	29.1	24.8	79.0	0.0	4.7	4.7	3.9
25	20.6	26.9	22.4	92.3	13.3	.3	13.6	3.3
26	17.5	25.1	20.4	98.7	146.2	10.6	156.8	1.0
27	19.1	24.8	21.7	95.3	0.0	0.0	0.0	.2
28	20.4	26.8	23.5	87.3	0.0	0.0	0.0	3.9
29	21.0	29.0	24.2	89.0	0.0	1.7	1.7	5.0
30	19.8	29.5	23.1	87.7	22.7	.5	23.2	5.6
31								
Total :					287.3	28.1	315.4	134.9
Promedio :	20.3	27.5	23.2	88.7				

Estación : JIROCASACA
Año : 1997

Dpto. : MAGDALENA
Mpio. : SANTA MARTA

Latitud : 11 ° 3 ' N
Longitud : 74 ° 2 ' W
Altitud : 710 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.3	27.5	22.9	95.0	0.0	0.0	0.0	1.2
2	19.3	28.2	22.3	89.7	10.1	0.0	10.1	4.7
3	20.0	28.0	24.9	86.0	0.0	0.0	0.0	6.9
4	19.0	28.3	23.6	86.7	0.0	0.0	0.0	7.9
5	22.7	28.8	25.5	70.0	0.0	0.0	0.0	9.8
6	22.5	28.8	25.1	80.3	0.0	0.0	0.0	9.3
7	22.2	28.4	24.3	84.7	0.0	.5	.5	9.2
8	21.9	26.4	24.4	82.3	0.0	0.0	0.0	4.8
9	21.5	27.4	23.0	89.0	2.5	0.0	2.5	2.6
10	19.6	24.2	21.2	98.0	21.3	.2	21.5	0.0
11	20.5	27.5	23.4	89.7	0.0	0.0	0.0	2.5
12	20.0	28.9	24.3	81.0	0.0	0.0	0.0	9.9
13	21.4	30.5	24.4	78.3	0.0	0.0	0.0	10.4
14	22.5	30.6	25.4	81.0	0.0	0.0	0.0	10.0
15	21.5	29.7	25.3	81.0	0.0	0.0	0.0	4.9
16	20.4	26.4	24.0	88.0	0.0	0.0	0.0	1.6
17	20.5	27.9	24.8	80.7	0.0	0.0	0.0	3.1
18	21.0	28.0	24.3	85.0	0.0	0.0	0.0	6.0
19	21.0	30.3	25.0	84.3	.2	0.0	.2	7.0
20	22.0	31.1	26.3	73.0	0.0	0.0	0.0	8.2
21	23.0	31.0	25.1	88.0	1.1	0.0	1.1	6.7
22	22.7	29.4	24.8	88.3	0.0	0.0	0.0	9.5
23	21.5	31.7	26.2	74.7	0.0	0.0	0.0	10.5
24	22.6	31.9	26.6	75.7	0.0	0.0	0.0	10.6
25	24.1	33.0	27.1	72.3	0.0	0.0	0.0	8.2
26	23.0	31.5	25.8	73.0	.4	0.0	.4	8.2
27	22.0	32.0	26.0	80.0	0.0	0.0	0.0	7.5
28	20.9	24.4	21.9	98.7	0.0	0.0	0.0	0.0
29	20.7	27.5	23 8	86.7	0.0	0.0	0.0	.7
30	19.8	26.9	23.6	86.0	0.0	0.0	0.0	4.1
31	20.3	30.7	24.8	83.3	.1	.4	.5	7.1
Total :					35.7	1.1	36.8	193.1
Promedio :	21.3	28.9	24.5	83.6				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	21.4	29.1	25.0	78.7	0.0	0.0	0.0	6.2
2	21.5	31.7	26.4	72.7	0.0	0.0	0.0	10.1
3	20.8	27.2	23.9	85.3	0.0	0.0	0.0	4.3
4	22.3	30.0	25.5	77.0	0.0	0.0	0.0	8.6
5	22.6	32.5	26.8	68.7	0.0	0.0	0.0	8.5
6	22.2	33.0	27.1	68.0	.5	0.0	.5	10.4
7	23.6	31.4	25.7	76.7	0.0	0.0	0.0	9.4
8	22.4	33.0	25.9	75.3	0.0	0.0	0.0	9.9
9	18.5	30.0	22.0	87.7	19.6	3.4	23.0	5.6
10	19.5	27.0	23.9	85.7	.3	0.0	.3	4.2
11	21.0	30.1	24.9	77.7	0.0	0.0	0.0	6.8
12	21.2	29.9	24.5	84.3	0.0	0.0	0.0	6.7
13	21.3	28.0	24.6	86.3	0.0	43.0	43.0	5.1
14	20.0	28.1	23.6	86.3	9.2	0.0	9.2	4.6
15	20.5	28.8	24.6	84.3	0.0	0.0	0.0	10.1
16	23.5	29.9	26.4	66.0	0.0	0.0	0.0	7.1
17	20.5	28.9	24.3	78.7	0.0	0.0	0.0	9.9
18	22.0	30.8	25.2	76.7	0.0	0.0	0.0	10.2
19	20.7	29.5	23.8	90.7	0.0	0.0	0.0	6.5
20	20.6	28.7	23.7	90.3	0.0	0.0	0.0	5.8
21	21.9	30.2	25.2	76.0	0.0	0.0	0.0	9.2
22	22.4	31.8	26.0	77.3	0.0	0.0	0.0	9.2
23	20.5	28.9	23.6	96.3	1.3	0.0	1.3	5.4
24	20.0	30.5	25.3	81.3	0.0	0.0	0.0	10.2
25	20.5	30.5	26.0	77.3	0.0	0.0	0.0	9.1
26	22.3	31.9	25.8	79.7	0.0	0.0	0.0	10.6
27	21.3	29.0	23.2	91.7	.4	0.0	.4	4.1
28	20.8	30.9	24.7	82.0	.2	0.0	.2	5.6
29	21.3	29.5	23 5	91.3	1.5	0.0	1.5	6.3
30	19.1	30.5	24.4	83.3	0.0	0.0	0.0	8.5
31	20.7	31.1	25.5	74.7	0.0	0.0	0.0	9.1
Total :					33.0	46.4	79.4	237.3
Promedio :	21.2	30.1	24.9	80.9				

Estación : JIROCASACA
Año : 1997

Dpto. : MAGDALENA
Mpio. : SANTA MARTA

Latitud : 11 ° 3 ' N
Longitud : 74 ° 2 ' W
Altitud : 710 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	21.5	29.8	23.4	87.7	3.1	0.0	3.1	3.9
2	19.0	28.5	21.2	95.7	6.8	0.0	6.8	3.7
3	19.6	28.0	23.7	86.7	.4	0.0	.4	2.5
4	20.0	28.3	23.6	87.3	0.0	0.0	0.0	6.2
5	20.7	30.2	24.5	77.7	0.0	0.0	0.0	6.5
6	21.0	27.1	24.0	89.3	82.7	.2	82.9	3.1
7	19.5	23.9	20.8	98.3	17.2	0.0	17.2	.4
8	19.5	25.2	21.4	98.7	6.7	.2	6.9	1.1
9	19.4	25.8	21.2	96.7	21.5	0.0	21.5	2.9
10	19.9	28.0	22.8	85.3	0.0	0.0	0.0	4.9
11	20.1	29.7	25.0	82.7	0.0	.2	.2	8.0
12	22.6	29.5	24.5	83.3	.2	0.0	.2	7.5
13	21.4	28.8	23.7	87.0	0.0	0.0	0.0	6.7
14	20.4	29.9	23.5	89.7	10.7	0.0	10.7	7.0
15	20.6	28.2	23.4	93.0	0.0	0.0	0.0	5.1
16	20.9	30.4	24.9	78.3	0.0	0.0	0.0	9.5
17	21.9	29.6	24.2	75.3	2.7	0.0	2.7	5.6
18	20.0	30.5	25.2	80.0	0.0	0.0	0.0	7.8
19	19.9	30.5	23.6	91.3	6.5	.8	7.3	5.4
20	19.4	26.5	23.3	87.0	0.0	0.0	0.0	2.9
21	20.0	28.3	23.9	84.3	0.0	0.0	0.0	3.8
22	20.0	26.8	21.2	94.7	4.1	0.0	4.1	.5
23	19.4	25.5	21.1	98.3	43.7	.2	43.9	0.0
24	19.9	23.4	22.0	86.3	6.9	0.0	6.9	0.0
25	19.5	29.0	23.4	87.3	.1	0.0	.1	2.2
26	20.5	28.5	23.6	88.3	0.0	0.0	0.0	4.3
27	19.0	27.8	22.4	92.7	0.0	0.0	0.0	5.8
28	20.5	28.5	22.9	86.3	10.0	3.5	13.5	3.4
29	20.0	26.5	23.8	73.0	0.0	0.0	0.0	1.7
30	20.5	29.2	23.9	89.7	0.0	0.0	0.0	6.1
31								
Total :					223.3	5.1	228.4	128.5
Promedio :	20.2	28.1	23.2	87.7				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.4	28.5	23.2	91.3	0.0	0.0	0.0	4.2
2	20.0	28.0	21.6	95.0	2.6	0.0	2.6	3.9
3	19.5	26.7	23.0	87.7	0.0	0.0	0.0	2.5
4	18.0	27.0	22.1	90.7	3.2	0.0	3.2	3.8
5	19.6	29.0	21.9	95.0	8.9	0.0	8.9	2.4
6	19.5	28.0	21.4	97.0	11.1	0.0	11.1	3.5
7	20.0	30.5	24.1	85.0	0.0	0.0	0.0	8.7
8	21.6	30.0	23.9	83.7	4.2	0.0	4.2	6.0
9	18.6	28.4	21.0	93.7	11.3	0.0	11.3	3.7
10	19.1	24.8	21.5	96.7	0.0	0.0	0.0	.7
11	20.0	25.6	21.5	97.0	13.4	6.1	19.5	.8
12	19.4	27.7	22.2	86.7	.4	0.0	.4	2.5
13	19.0	28.0	22.5	87.3	21.3	0.0	21.3	5.2
14	20.2	29.3	25.9	58.3	0.0	31.2	31.2	5.2
15	19.8	28.8	23.5	68.3	1.2	0.0	1.2	2.1
16	18.4	26.4	21.8	93.0	.1	0.0	.1	3.0
17	19.0	25.4	20.9	97.3	13.5	0.0	13.5	1.1
18	19.3	26.8	23.1	90.3	1	.5	.6	1.7
19	18.9	27.0	22.4	94.3	1.7	8.2	9.9	4.8
20	18.5	28.5	23.0	89.0	6.3	2.8	9.1	6.6
21	19.0	29.7	24.5	72.3	0.0	0.0	0.0	6.8
22	20.6	27.9	22.8	86.7	1.1	.2	1.3	.8
23	20.7	27.2	24.4	80.7	0.0	0.0	0.0	.7
24	22.6	28.2	25.4	76.3	0.0	0.0	0.0	9.1
25	22.0	30.1	24.8	82.3	.3	0.0	.3	9.0
26	21.8	29.2	24.2	87.3	.9	0.0	.9	8.9
27	21.3	29.0	24.7	82.3	0.0	0.0	0.0	7.3
28	20.8	29.0	24.8	82.3	0.0	0.0	0.0	9.2
29	20.5	27.9	23.5	86.3	0.0	0.0	0.0	6.2
30	20.8	28.4	24.8	79.0	0.0	0.0	0.0	9.0
31	20.4	28.0	24.5	80.7	0.0	0.0	0.0	8.0
Total :					101.6	49.0	150.6	147.4
Promedio :	20.0	28.0	23.2	86.2				

Estación : JIROCASACA
Año : 1997

Dpto. : MAGDALENA
Mpio. : SANTA MARTA

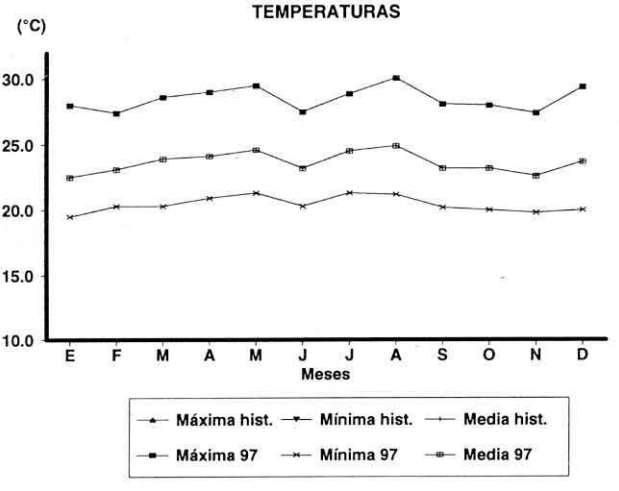
Latitud : 11 ° 3 ' N
Longitud : 74 ° 2 ' W
Altitud : 710 m

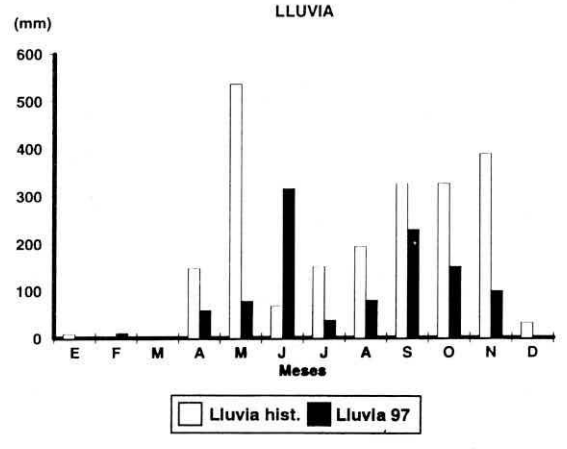
Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.9	27.8	22.6	96.0	0.0	0.0	0.0	3.8
2	20.7	29.4	23.5	87.7	0.0	0.0	0.0	5.3
3	22.3	28.9	24.2	85.3	0.0	0.0	0.0	5.9
4	21.6	28.3	23.7	87.3	0.0	0.0	0.0	3.5
5	20.6	28.5	22.6	93.3	.2	0.0	.2	4.4
6	20.5	29.4	23.2	90.0	0.0	0.0	0.0	4.3
7	20.0	25.4	21.7	97.0	30.2	0.0	30.2	.1
8	18.0	25.0	21.6	98.3	.9	.5	1.4	.2
9	19.5	26.0	21.7	94.0	0.0	0.0	0.0	.4
10	19.8	25.6	21.9	97.3	25.3	0.0	25.3	1.7
11	19.4	27.8	23.3	89.7	0.0	0.0	0.0	5.2
12	18.7	28.5	22.5	85.0	0.0	0.0	0.0	7.8
13	19.8	27.8	21.2	94.0	2.0	.2	2.2	4.3
14	18.5	25.8	21.0	95.3	.9	.8	1.7	2.8
15	18.6	25.0	21.4	93.0	8.0	.2	8.2	2.4
16	18.5	25.4	22.0	90.0	0.0	0.0	0.0	3.6
17	19.4	27.0	21.8	90.7	1.2	.7	1.9	4.7
18	20.9	26.0	22.6	95.3	7.4	.6	8.0	2.9
19	20.5	26.8	23.6	85.3	0.0	18.7	18.7	4.6
20	19.9	26.0	21.4	97.3	0.0	0.0	0.0	2.7
21	19.4	27.3	23.3	89.3	0.0	0.0	0.0	4.2
22	20.0	29.3	23.4	80.7	0.0	0.0	0.0	6.6
23	20.0	28.9	23.8	80.0	0.0	0.0	0.0	6.2
24	20.0	28.0	23.4	84.3	0.0	0.0	0.0	5.2
25	20.5	27.0	22.6	88.7	0.0	0.0	0.0	2.6
26	19.0	26.4	21.6	93.7	0.0	0.0	0.0	1.4
27	18.0	27.5	22.4	79.7	.5	0.0	.5	5.2
28	18.8	28.6	23.1	76.7	0.0	0.0	0.0	4.8
29	20.3	29.1	23.2	76.3	0.0	0.0	0.0	9.1
30	19.8	29.3	22.6	84.3	.7	0.0	.7	5.7
31								
Total :					77.3	21.7	99.0	121.6
Promedio :	19.8	27.4	22.6	89.2				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.0	28.4	21.7	92.3	4.3	0.0	4.3	4.4
2	19.3	29.3	24.2	81.7	0.0	0.0	0.0	7.0
3	19.0	29.4	23.7	71.3	0.0	0.0	0.0	8.5
4	20.1	30.5	23.7	73.7	0.0	0.0	0.0	9.0
5	20.2	29.9	23.3	81.7	0.0	0.0	0.0	3.3
6	20.5	30.2	23.6	70.7	0.0	0.0	0.0	9.0
7	21.0	30.9	24.3	82.3	0.0	0.0	0.0	9.1
8	21.6	30.5	25.8	74.3	0.0	0.0	0.0	7.9
9	20.8	30.4	24.6	76.7	0.0	0.0	0.0	7.2
10	21.8	28.0	23.9	66.0	0.0	0.0	0.0	8.4
11	20.9	28.8	23.8	63.7	0.0	0.0	0.0	5.0
12	20.5	30.2	23.8	72.7	0.0	0.0	0.0	9.3
13	19.4	28.8	22.5	78.7	0.0	0.0	0.0	6.3
14	18.2	27.8	22.9	81.7	0.0	0.0	0.0	6.9
15	19.0	26.8	22.3	77.0	0.0	0.0	0.0	4.0
16	17.8	27.5	22.1	74.7	0.0	0.0	0.0	8.9
17	18.2	27.9	21.8	79.0	0.0	0.0	0.0	5.4
18	19.5	29.0	23.4	69.0	0.0	0.0	0.0	8.1
19	20.8	29.8	24.8	60.3	0.0	0.0	0.0	8.7
20	21.4	29.5	24.6	63.3	0.0	0.0	0.0	8.3
21	19.4	29.7	23.4	74.3	0.0	0.0	0.0	9.0
22	18.5	29.8	24.1	71.0	0.0	0.0	0.0	9.1
23	19.9	30.0	25.0	70.7	0.0	0.0	0.0	8.7
24	20.5	30.5	24.8	69.3	0.0	0.0	0.0	9.2
25	20.8	30.0	24.3	71.0	0.0	0.0	0.0	9.1
26	20.9	30.3	24.7	73.3	0.0	0.0	0.0	9.2
27	20.0	29.5	23.5	81.3	0.0	0.0	0.0	6.7
28	19.0	29.0	23.9	78.3	0.0	0.0	0.0	6.5
29	19.8	29.3	23.8	84.3	0.0	0.0	0.0	7.4
30	19.1	28.5	23.2	80.0	0.0	0.0	0.0	7.1
31	21.5	30.8	24.7	50.3	0.0	0.0	0.0	9.2
Total :					4.3	0.0	4.3	235.9
Promedio :	20.0	29.4	23.7	74.0				

Estación : JIROCASACA **Dpto. :** MAGDALENA **Latitud :** 11 ° 3 'N
Año : 1997 **Mpio. :** SANTA MARTA **Longitud :** 74 ° 2 'W
Altitud : 710 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	19.5	28.0	22.5	29.3	18.0	75.4	4.0	1	230.4
Febrero	20.3	27.4	23.1	29.8	18.4	78.4	10.7	2	197.6
Marzo	20.3	28.6	23.9	31.8	18.9	72.4	.7	1	234.0
Abril	20.9	29.0	24.1	32.0	19.0	80.3	58.9	6	194.2
Mayo	21.3	29.5	24.6	31.8	19.8	82.4	78.1	8	205.8
Junio	20.3	27.5	23.2	30.0	17.5	88.7	315.4	19	134.9
Julio	21.3	28.9	24.5	33.0	19.0	83.6	36.8	8	193.1
Agosto	21.2	30.1	24.9	33.0	18.5	80.9	79.4	9	237.3
Septiembre	20.2	28.1	23.2	30.5	19.0	87.7	228.4	17	128.5
Octubre	20.0	28.0	23.2	30.5	18.0	86.2	150.6	19	147.4
Noviembre	19.8	27.4	22.6	29.4	18.0	89.2	99.0	12	121.6
Diciembre	20.0	29.4	23.7	30.9	17.8	74.0	4.3	1	235.9
Promedio :	20.4	28.5	23.6			81.6			
Absoluta :				33.0	17.5				
Total :							1066.3	103	2260.7





Estación : EL SAUCE
Año : 1997

Dpto. : NARIÑO
Mpio. : LA UNION

Latitud : 1 ° 37 ' N
Longitud : 77 ° 6 ' W
Altitud : 1800 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	21.5	16.7	91.7	3.8	3.1	6.9	.9
2	15.1	22.0	18.0	88.0	.2	.5	.7	.3
3	15.0	23.5	18.6	88.0	12.2	3.2	15.4	3.0
4	15.5	25.5	18.8	87.0	0.0	3.1	3.1	4.1
5	15.6	22.1	17.2	92.0	14.3	.5	14.8	.9
6	15.5	21.7	17.7	86.0	6.7	5.3	12.0	.5
7	15.7	24.5	18.5	87.3	22.6	6.4	29.0	2.6
8	15.0	24.3	18.6	86.3	0.0	0.0	0.0	4.7
9	14.8	24.0	18.4	83.3	.6	4.5	5.1	5.4
10	14.8	18.0	15.8	94.0	6.9	6.4	13.3	0.0
11	14.1	23.0	17.6	89.0	2.5	3.5	6.0	2.3
12	14.0	22.6	17.5	85.3	0.0	15.7	15.7	3.1
13	15.0	24.5	18.3	89.0	6.7	0.0	6.7	4.9
14	15.7	23.8	18.6	86.7	0.0	2.6	2.6	4.1
15	15.9	21.0	17.0	91.7	4.5	2.3	6.8	.5
16	14.8	22.3	17.6	86.7	3.6	0.0	3.6	1.4
17	15.0	23.7	17.9	85.3	1.8	.4	2.2	.7
18	15.5	25.9	18.6	85.3	.2	.6	.8	3.8
19	15.6	22.1	17.5	87.7	15.5	5.1	20.6	1.1
20	14.9	22.5	17.4	88.0	.3	6.5	6.8	.7
21	15.0	24.0	17.8	86.3	.5	0.0	.5	1.5
22	15.1	25.9	18.7	81.3	0.0	0.0	0.0	5.1
23	14.8	25.0	18.4	84.3	0.0	6.0	6.0	5.4
24	14.6	22.9	17.4	87.3	15.2	0.0	15.2	1.5
25	15.5	23.0	18.2	88.0	25.6	1.7	27.3	1.3
26	15.0	18.0	15.5	93.7	18.4	0.0	18.4	.3
27	14.0	25.2	18.6	87.0	0.0	0.0	0.0	7.8
28	15.0	25.0	17.8	79.3	2.8	0.0	2.8	4.2
29	14.4	26.0	18.8	82.0	0.0	.6	.6	7.0
30	15.0	24.7	18.1	85.0	.1	24.5	24.6	3.5
31	13.5	23.9	18.0	83.3	0.0	0.0	0.0	4.4
Total					165.0	102.5	267.5	87.0
Promedio	15.0	23.3	17.9	87.0				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	23.2	18.6	83.3	.1	3.6	3.7	1.8
2	14.9	25.1	18.8	83.3	0.0	0.0	0.0	7.2
3	15.3	25.5	18.8	81.0	20.7	0.0	20.7	4.9
4	14.0	23.1	17.7	84.7	3.0	0.0	3.0	4.4
5	14.9	22.7	17.6	88.0	6.3	5.5	11.8	.9
6	14.5	25.0	18.2	88.0	0.0	9.7	9.7	4.0
7	15.1	22.1	18.1	87.7	.5	9.2	9.7	1.6
8	15.0	20.2	17.2	89.3	.6	0.0	.6	.6
9	15.1	24.9	18.2	87.0	1.8	3.7	5.5	2.5
10	15.3	23.6	18.8	86.7	3.3	4.8	8.1	2.7
11	15.9	22.8	17.9	88.0	12.6	1.1	13.7	1.0
12	15.6	24.0	18.7	86.0	0.0	0.0	0.0	3.8
13	14.9	26.7	20.4	79.3	0.0	0.0	0.0	8.9
14	15.8	26.9	20.0	80.3	0.0	.2	.2	7.9
15	16.8	26.7	19.8	85.0	0.0	1.0	1.0	5.3
16	16.5	25.4	19.2	84.3	9.5	0.0	9.5	2.8
17	15.1	22.3	18.4	89.7	.9	2.9	3.8	3.2
18	15.6	28.7	19.6	84.7	0.0	0.0	0.0	7.1
19	16.0	27.1	20.0	82.7	0.0	0.0	0.0	8.9
20	14.9	26.3	19.1	70.0	0.0	0.0	0.0	8.6
21	15.0	26.2	19.6	81.0	0.0	0.0	0.0	7.5
22	16.9	24.3	19.4	88.0	0.0	.1	.1	3.5
23	16.0	25.1	19.8	78.7	.2	0.0	.2	1.8
24	15.9	27.8	20.6	81.0	0.0	0.0	0.0	4.6
25	17.5	26.9	21.0	80.3	.9	0.0	.9	3.7
26	16.8	25.0	21.0	81.7	0.0	0.0	0.0	3.3
27	18.3	27.1	22.0	67.3	0.0	0.0	0.0	5.1
28	18.0	29.0	21.8	70.0	0.0	0.0	0.0	8.9
29								
30								
31								
Total					60.4	41.8	102.2	126.5
Promedio	15.7	25.1	19.3	82.8				

Estación : EL SAUCE
Año : 1997

Dpto. : NARIÑO
Mpio. : LA UNION

Latitud : 1 ° 37 ' N
Longitud : 77 ° 6 ' W
Altitud : 1800 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	26.5	21.0	77.0	0.0	0.0	0.0	5.5
2	17.5	27.5	20.9	84.0	0.0	10.7	10.7	5.2
3	17.0	27.0	21.2	83.3	0.0	0.0	0.0	5.5
4	17.1	26.0	20.0	86.3	2.8	11.1	13.9	2.8
5	16.0	25.5	19.9	84.0	0.0	0.0	0.0	7.0
6	15.5	28.0	21.2	63.3	0.0	0.0	0.0	10.4
7	16.5	29.5	21.4	62.7	0.0	0.0	0.0	9.1
8	17.0	25.0	20.8	81.0	0.0	0.0	0.0	2.6
9	16.5	24.5	20.8	83.7	0.0	0.0	0.0	2.1
10	18.0	27.1	23.1	64.0	0.0	0.0	0.0	6.5
11	17.7	26.0	21.0	75.0	1.8	0.0	1.8	3.2
12	17.0	29.5	20.8	80.0	0.0	0.0	0.0	6.1
13	16.0	20.0	17.8	91.3	2.7	0.0	2.7	0.0
14	15.5	29.0	21.2	80.0	0.0	0.0	0.0	7.5
15	15.8	28.5	20.2	80.7	25.2	0.0	25.2	4.1
16	16.5	26.1	19.1	86.7	1.4	5.3	6.7	4.2
17	16.0	22.5	18.3	90.3	29.1	35.0	64.1	.5
18	15.4	22.5	18.2	89.0	6.0	0.0	6.0	1.8
19	16.0	22.6	18.5	87.7	6.9	14.7	21.6	0.0
20	14.5	26.5	19.2	80.3	3.6	0.0	3.6	6.3
21	15.0	25.5	19.1	76.3	0.0	0.0	0.0	2.3
22	14.5	25.5	18.7	79.0	0.0	0.0	0.0	7.0
23	15.0	27.0	19.9	75.0	0.0	0.0	0.0	8.9
24	15.5	28.0	21.4	77.0	0.0	0.0	0.0	9.7
25	17.0	28.4	20.5	78.0	0.0	0.0	0.0	8.2
26	16.5	27.0	20.7	81.0	0.0	1.8	1.8	6.4
27	16.0	24.2	19.0	84.0	3.3	0.0	3.3	.1
28	16.5	28.0	20.3	73.7	0.0	0.0	0.0	6.9
29	16.0	26.0	19.2	86.7	14.4	.3	14.7	5.1
30	15.8	27.0	20.2	84.3	0.0	0.0	0.0	4.8
31	16.0	28.3	20.6	80.7	0.0	0.0	0.0	6.7
Total :					97.2	78.9	176.1	156.5
Promedio :	16.2	26.3	20.1	80.2				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	26.5	19.8	85.0	3.5	6.9	10.4	4.2
2	16.0	26.0	19.7	86.3	2.8	0.0	2.8	5.0
3	15.3	24.5	19.8	81.3	0.0	0.0	0.0	5.3
4	15.0	26.0	20.0	75.3	0.0	0.0	0.0	8.1
5	16.5	26.1	19.6	84.0	0.0	0.0	0.0	5.2
6	16.1	23.5	19.6	87.3	1.8	.9	2.7	3.3
7	16.0	28.8	21.2	79.3	0.0	0.0	0.0	8.9
8	17.5	25.1	19.8	86.0	2.0	0.0	2.0	4.0
9	16.5	25.0	20.4	83.7	.4	0.0	.4	3.8
10	16.0	26.0	21.2	79.3	1.0	0.0	1.0	7.0
11	17.0	25.0	19.4	93.7	5.1	0.0	5.1	4.8
12	16.8	26.5	20.6	85.3	0.0	0.0	0.0	4.8
13	16.5	30.6	21.4	79.0	0.0	0.0	0.0	9.3
14	16.5	26.5	20.7	80.0	2.5	0.0	2.5	4.7
15	16.0	27.5	21.5	79.0	.2	0.0	.2	3.5
16	17.0	29.5	21.2	78.7	0.0	0.0	0.0	6.4
17	16.9	27.5	20.7	76.7	0.0	1.3	1.3	3.9
18	16.5	25.5	20.5	79.7	0.0	0.0	0.0	2.9
19	16.0	26.5	19.6	84.0	16.2	7.0	23.2	3.2
20	15.2	23.0	18.4	91.7	4.9	.7	5.6	.7
21	16.0	20.0	17.1	96.0	21.0	.4	21.4	1.4
22	16.5	23.0	18.1	89.0	2.9	2.6	5.5	1.5
23	15.0	26.8	19.7	81.3	.1	22.3	22.4	4.9
24	15.1	27.0	20.4	79.3	0.0	31.1	31.1	5.6
25	15.0	23.0	17.6	92.0	1.1	0.0	1.1	.7
26	15.5	25.0	19.4	82.0	.2	24.9	25.1	4.1
27	15.0	23.5	17.9	88.3	2.1	.2	2.3	3.1
28	15.5	24.5	18.7	85.7	19.4	0.0	19.4	5.4
29	16.0	25.5	20.2	84.0	0.0	0.0	0.0	7.4
30	16.5	27.5	21.8	63.0	0.0	0.0	0.0	5.2
31								
Total :					87.2	98.3	185.5	138.3
Promedio :	16.1	25.7	19.9	83.2				

Estación : EL SAUCE
Año : 1997

Dpto. : NARIÑO
Mpio. : LA UNION

Latitud : 1 ° 37 ' N
Longitud : 77 ° 6 ' W
Altitud : 1800 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	26.0	21.4	61.3	0.0	0.0	0.0	4.6
2	18.5	27.0	22.4	58.7	0.0	0.0	0.0	4.7
3	19.0	27.5	22.4	62.3	0.0	0.0	0.0	5.3
4	18.0	28.0	21.0	73.0	.4	0.0	.4	5.5
5	17.0	28.5	22.6	64.7	0.0	0.0	0.0	6.4
6	17.1	26.0	21.0	77.3	0.0	0.0	0.0	3.7
7	16.5	27.5	21.4	80.3	0.0	0.0	0.0	6.1
8	16.5	28.0	22.6	62.7	0.0	0.0	0.0	7.6
9	17.5	25.5	20.8	81.0	1.2	0.0	1.2	2.2
10	17.0	25.0	18.9	93.7	0.0	4.0	4.0	1.6
11	16.4	21.0	17.7	95.3	1.2	0.0	1.2	0.0
12	14.5	26.0	20.2	80.3	6.5	.2	6.7	7.2
13	17.0	24.5	20.0	85.0	0.0	0.0	0.0	.7
14	16.5	23.0	19.2	89.7	16.9	.1	17.0	2.2
15	14.5	26.5	19.6	83.7	0.0	0.0	0.0	7.1
16	16.0	28.5	21.0	78.0	0.0	0.0	0.0	8.4
17	15.5	27.0	20.5	74.0	0.0	0.0	0.0	2.4
18	17.0	29.5	22.6	62.7	0.0	0.0	0.0	6.5
19	17.5	27.5	22.4	57.3	0.0	0.0	0.0	3.6
20	18.1	26.5	21.9	71.7	0.0	0.0	0.0	3.0
21	18.0	29.5	22.0	76.0	0.0	0.0	0.0	4.4
22	17.0	27.9	20.5	85.0	.6	0.0	.6	6.1
23	16.5	27.5	22.2	78.7	0.0	0.0	0.0	7.5
24	18.0	24.5	20.6	84.3	0.0	0.0	0.0	.1
25	17.0	24.5	20.2	85.7	0.0	0.0	0.0	.1
26	16.6	24.2	19.6	85.0	10.7	0.0	10.7	.5
27	16.0	27.5	21.0	80.0	9.6	1.4	11.0	6.6
28	17.0	27.5	21.2	77.0	.3	4.6	4.9	5.7
29	16.5	28.6	20.8	78.0	0.0	0.0	0.0	6.5
30	17.5	25.8	20.2	80.7	0.0	5.3	5.3	3.1
31	16.0	25.5	20.4	82.7	1.0	0.0	1.0	4.4
Total :					48.4	15.6	64.0	133.8
Promedio :	16.9	26.5	20.9	77.0				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	27.5	21.1	78.7	0.0	0.0	0.0	4.6
2	16.5	28.5	22.5	70.3	0.0	0.0	0.0	8.5
3	17.0	28.8	21.4	77.7	4.8	5.0	9.8	7.6
4	16.5	21.3	17.4	88.3	19.3	3.5	22.8	.2
5	15.5	25.5	20.0	79.0	.1	6.0	6.1	6.4
6	16.5	23.0	18.8	90.0	15.5	2.8	18.3	1.2
7	15.3	20.5	16.8	92.7	10.6	11.8	22.4	0.0
8	14.0	23.0	19.0	80.0	0.0	0.0	0.0	1.1
9	15.6	25.5	20.1	74.7	3.8	.4	4.2	2.6
10	16.5	25.0	19.2	82.7	18.6	.2	18.8	2.1
11	16.2	23.0	19.9	84.0	0.0	0.0	0.0	.2
12	17.0	26.0	20.3	82.0	0.0	0.0	0.0	5.8
13	16.2	22.5	18.8	88.7	.9	0.0	.9	3.4
14	15.5	26.0	19.8	69.3	0.0	0.0	0.0	8.0
15	15.0	27.0	20.2	75.7	0.0	0.0	0.0	8.4
16	16.0	25.5	20.2	81.7	1.9	0.0	1.9	4.7
17	16.3	25.8	20.0	86.0	.5	0.0	.5	3.9
18	17.0	24.0	18.4	91.7	5.8	1.2	7.0	2.7
19	15.8	26.0	20.4	83.7	0.0	0.0	0.0	3.5
20	16.5	27.6	19.6	82.0	0.0	0.0	0.0	6.0
21	15.0	27.5	20.5	71.7	0.0	0.0	0.0	9.8
22	15.5	27.0	21.8	64.0	0.0	0.0	0.0	7.2
23	17.0	29.5	22.4	67.7	0.0	0.0	0.0	9.4
24	17.5	24.0	19.5	85.0	0.0	0.0	0.0	.2
25	16.5	24.5	19.1	85.7	2.1	2.6	4.7	1.7
26	15.4	25.5	20.2	79.7	0.0	0.0	0.0	6.1
27	16.2	26.0	20.4	81.0	.2	0.0	.2	4.8
28	15.1	28.5	20.3	73.7	0.0	0.0	0.0	10.7
29	15.5	28.4	21.0	73.3	0.0	0.0	0.0	9.4
30	16.5	28.0	20.8	71.7	0.0	.4	.4	5.1
31								
Total :					84.1	33.9	118.0	145.3
Promedio :	16.0	25.7	20.0	79.7				

Estación : EL SAUCE
Año : 1997

Dpto. : NARIÑO
Mpio. : LA UNION

Latitud : 1 ° 37 ' N
Longitud : 77 ° 6 ' W
Altitud : 1800 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	24.5	20.6	68.0	.8	0.0	.8	3.3
2	17.5	26.5	21.8	41.3	0.0	0.0	0.0	9.2
3	17.0	27.0	21.4	48.3	0.0	0.0	0.0	4.5
4	17.1	27.5	21.0	54.3	0.0	0.0	0.0	5.1
5	18.5	26.5	21.2	59.3	0.0	0.0	0.0	5.0
6	18.0	27.5	21.1	64.7	0.0	0.0	0.0	3.0
7	17.5	29.0	22.8	54.0	0.0	0.0	0.0	7.9
8	17.5	27.5	21.6	60.0	0.0	0.0	0.0	1.5
9	17.7	29.0	22.8	42.3	0.0	0.0	0.0	7.1
10	18.0	27.5	21.7	48.0	0.0	0.0	0.0	8.1
11	18.5	28.8	21.3	56.7	0.0	0.0	0.0	5.0
12	18.0	28.0	22.0	51.7	0.0	0.0	0.0	5.6
13	17.8	27.0	21.0	57.7	0.0	0.0	0.0	9.2
14	19.5	27.2	22.0	53.7	0.0	0.0	0.0	3.9
15	17.0	24.5	20.8	56.3	0.0	0.0	0.0	2.0
16	18.0	27.7	21.6	56.0	0.0	0.0	0.0	5.8
17	18.1	27.5	21.8	50.7	0.0	0.0	0.0	8.9
18	16.5	29.5	22.9	48.7	0.0	0.0	0.0	10.1
19	17.2	29.3	22.9	45.3	0.0	0.0	0.0	10.6
20	17.5	27.5	21.7	54.7	0.0	0.0	0.0	5.5
21	18.6	28.0	21.6	53.7	0.0	0.0	0.0	4.1
22	18.1	29.5	22.7	52.3	0.0	0.0	0.0	6.6
23	17.5	30.4	23.2	50.3	0.0	0.0	0.0	10.7
24	18.1	31.0	24.0	47.7	0.0	0.0	0.0	10.0
25	18.0	30.5	23.0	52.0	0.0	0.0	0.0	8.7
26	18.5	30.0	23.0	50.0	0.0	0.0	0.0	9.0
27	17.6	29.5	21.6	50.3	0.0	0.0	0.0	5.8
28	18.0	28.5	22.8	49.3	0.0	0.0	0.0	4.4
29	17.0	30.8	20.8	66.3	0.0	0.0	0.0	5.6
30	15.5	28.5	20.9	77.0	0.0	0.0	0.0	6.7
31	18.0	29.5	23.5	51.0	0.0	0.0	0.0	6.3
Total :					.8	0.0	.8	199.2
Promedio :	17.7	28.2	22.0	53.9				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	32.5	23.8	46.7	0.0	0.0	0.0	7.6
2	17.5	30.5	23.2	48.3	0.0	0.0	0.0	6.3
3	17.0	32.0	23.4	46.3	0.0	0.0	0.0	8.3
4	18.0	29.7	23.2	47.0	0.0	0.0	0.0	6.6
5	18.0	31.2	23.7	44.3	0.0	0.0	0.0	10.3
6	19.5	31.5	23.8	48.0	0.0	0.0	0.0	8.1
7	19.4	31.8	23.9	47.7	0.0	0.0	0.0	5.2
8	18.0	27.5	21.3	51.3	0.0	0.0	0.0	4.8
9	17.0	29.1	21.0	54.0	0.0	0.0	0.0	5.0
10	18.4	28.0	21.4	52.0	0.0	0.0	0.0	8.8
11	16.0	32.7	22.2	60.0	0.0	0.0	0.0	9.7
12	16.3	30.5	23.1	54.3	0.0	0.0	0.0	7.4
13	19.0	28.5	22.2	54.0	0.0	0.0	0.0	1.4
14	18.0	31.5	22.2	58.3	0.0	0.0	0.0	4.0
15	18.6	31.0	22.8	53.7	0.0	0.0	0.0	5.2
16	17.6	30.0	23.0	51.7	0.0	0.0	0.0	4.9
17	17.8	29.3	23.4	54.0	0.0	0.0	0.0	2.6
18	17.5	30.8	23.2	51.0	0.0	0.0	0.0	5.3
19	17.2	30.9	22.2	62.3	0.0	0.0	0.0	3.2
20	19.0	28.5	23.2	48.7	0.0	0.0	0.0	5.0
21	18.6	30.2	23.5	44.3	0.0	0.0	0.0	7.9
22	19.0	27.5	20.9	60.0	0.0	0.0	0.0	2.5
23	17.5	29.8	22.9	47.7	0.0	0.0	0.0	9.1
24	17.7	30.0	23.5	52.7	0.0	0.0	0.0	7.3
25	18.3	32.8	24.4	51.7	0.0	0.0	0.0	9.2
26	20.2	30.4	23.6	54.0	0.0	0.0	0.0	2.5
27	18.6	30.5	23.1	51.0	0.0	0.0	0.0	3.1
28	18.8	31.0	23.0	45.3	0.0	0.0	0.0	7.8
29	18.0	29.5	22.6	50.3	0.0	0.0	0.0	9.6
30	16.2	33.7	21.7	61.3	0.0	0.0	0.0	9.2
31	16.0	31.0	22.2	67.3	0.0	0.0	0.0	8.4
Total :					0.0	0.0	0.0	196.3
Promedio :	18.0	30.4	22.8	52.2				

Estación : EL SAUCE
Año : 1997

Dpto. : NARIÑO
Mpio. : LA UNION

Latitud : 1 ° 37 ' N
Longitud : 77 ° 6 ' W
Altitud : 1800 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.5	22.8	66.7	0.0	0.0	0.0	5.5
2	16.5	29.0	21.3	66.7	0.0	0.0	0.0	3.1
3	17.0	28.3	21.5	69.0	0.0	0.0	0.0	5.6
4	16.0	31.8	21.4	71.7	0.0	0.0	0.0	9.7
5	16.5	34.0	22.8	66.7	0.0	0.0	0.0	10.0
6	16.2	32.1	21.2	76.0	0.0	0.0	0.0	5.6
7	17.0	26.5	20.4	77.3	0.0	0.0	0.0	3.3
8	16.5	26.0	20.3	76.3	0.0	0.0	0.0	2.4
9	16.0	30.8	21.8	71.0	0.0	0.0	0.0	7.7
10	17.0	30.5	22.4	68.3	0.0	0.0	0.0	6.1
11	17.5	32.0	23.8	51.3	0.0	0.0	0.0	4.4
12	18.5	31.0	24.0	50.7	0.0	0.0	0.0	4.2
13	18.0	27.5	23.1	53.0	0.0	0.0	0.0	2.4
14	16.0	31.5	23.7	43.0	0.0	0.0	0.0	8.0
15	18.0	30.5	23.8	46.3	0.0	0.0	0.0	7.5
16	18.5	31.0	23.8	46.7	0.0	0.0	0.0	4.4
17	18.1	30.5	23.9	43.7	0.0	0.0	0.0	7.1
18	17.5	30.4	24.1	41.0	0.0	0.0	0.0	8.9
19	18.0	29.5	21.3	68.3	0.0	0.0	0.0	6.5
20	16.2	27.1	21.0	71.7	0.0	0.0	0.0	1.5
21	17.0	30.5	20.2	75.7	10.7	0.0	10.7	3.0
22	16.2	25.5	19.9	81.0	3.0	3.0	6.0	3.0
23	16.5	26.0	20.3	70.7	0.0	18.5	18.5	1.9
24	16.0	28.0	19.5	83.3	6.6	39.8	46.4	3.7
25	15.0	27.5	20.2	80.7	0.0	.2	.2	5.7
26	17.0	31.3	21.0	78.0	0.0	.2	.2	3.4
27	17.0	28.5	21.0	72.0	0.0	0.0	0.0	2.9
28	17.5	25.5	21.3	60.7	0.0	0.0	0.0	.3
29	16.5	30.1	23.0	36.7	0.0	0.0	0.0	10.7
30	17.5	28.5	22.3	52.7	0.0	0.0	0.0	4.7
31								
Total :					20.3	61.7	82.0	153.2
Promedio :	16.9	29.4	21.9	63.9				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	31.8	21.9	67.0	0.0	0.0	0.0	10.0
2	16.5	30.0	21.8	74.7	0.0	0.0	0.0	7.8
3	17.5	26.5	20.6	80.0	1.3	0.0	1.3	1.5
4	16.7	31.0	22.2	70.0	0.0	0.0	0.0	6.8
5	17.0	28.1	20.4	73.3	0.0	0.0	0.0	2.7
6	15.5	27.9	22.8	46.7	0.0	0.0	0.0	6.4
7	18.5	29.0	22.5	44.7	0.0	0.0	0.0	4.7
8	17.5	30.0	22.8	51.0	0.0	0.0	0.0	7.2
9	16.5	31.5	22.7	64.0	0.0	0.0	0.0	9.6
10	17.5	31.8	22.4	72.3	0.0	64.8	64.8	8.7
11	15.2	27.5	20.3	76.7	8.3	35.4	43.7	7.2
12	15.5	28.5	20.6	78.0	0.0	34.0	34.0	9.0
13	14.5	25.4	19.6	76.3	0.0	0.0	0.0	2.8
14	17.0	27.0	21.2	65.7	0.0	6.0	6.0	1.9
15	15.2	27.5	19.7	74.0	1.4	.1	1.5	3.3
16	16.0	26.6	20.0	76.7	.2	.1	.3	2.8
17	15.5	25.5	19.6	73.0	0.0	.2	.2	3.0
18	16.0	23.0	18.4	86.3	.2	4.6	4.8	1.0
19	15.5	25.5	20.2	75.3	0.0	0.0	0.0	5.2
20	16.4	27.5	21.1	78.3	12.4	13.7	26.1	5.0
21	17.0	23.0	18.8	83.3	13.7	0.0	13.7	1.2
22	16.5	26.5	19.8	85.0	7.5	0.0	7.5	4.2
23	15.5	28.0	21.2	79.0	0.0	0.0	0.0	8.2
24	17.5	30.0	22.2	72.7	0.0	0.0	0.0	9.0
25	17.0	28.0	20.8	80.7	5.5	0.0	5.5	4.4
26	16.2	27.7	22.2	78.7	0.0	0.0	0.0	6.4
27	18.0	27.8	21.2	75.7	69.1	0.0	69.1	4.3
28	17.1	26.0	20.0	82.0	2.6	.3	2.9	2.6
29	17.0	28.0	21.0	78.0	.2	0.0	.2	5.1
30	16.7	27.0	21.2	78.3	0.0	13.5	13.5	4.5
31	16.0	27.5	20.6	79.3	22.1	5.5	27.6	5.5
Total :					144.5	178.2	322.7	162.0
Promedio :	16.5	27.8	21.0	73.4				

Estación : EL SAUCE
Año : 1997

Dpto. : NARIÑO
Mpio. : LA UNION

Latitud : 1 ° 37 ' N
Longitud : 77 ° 6 ' W
Altitud : 1800 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	23.5	19.7	83.0	0.0	0.0	0.0	.4
2	16.5	28.0	21.6	74.0	.5	0.0	.5	8.3
3	18.5	27.0	21.4	78.0	0.0	3.3	3.3	2.3
4	17.5	26.0	21.3	80.3	1.1	.5	1.6	4.2
5	18.0	27.0	20.3	82.0	.4	0.0	.4	3.6
6	17.0	28.5	21.0	75.3	0.0	0.0	0.0	6.8
7	17.1	23.0	19.0	85.7	7.0	1.0	8.0	.4
8	16.5	21.5	18.3	90.3	.3	0.0	.3	0.0
9	15.8	24.5	19.0	86.7	0.0	0.0	0.0	4.0
10	16.0	25.6	19.3	85.7	0.0	0.0	0.0	1.6
11	15.4	24.2	19.8	75.3	.1	50.0	50.1	1.0
12	15.6	24.3	18.2	82.7	5.2	0.0	5.2	3.7
13	15.2	26.0	19.4	77.3	.7	14.8	15.5	6.6
14	14.3	24.0	18.8	78.7	.2	.2	.4	3.1
15	14.7	24.8	19.2	79.7	0.0	0.0	0.0	3.2
16	14.9	25.0	20.2	73.7	0.0	11.2	11.2	6.9
17	16.0	24.3	18.6	84.3	27.0	.6	27.6	.9
18	15.4	26.6	20.4	78.7	0.0	0.0	0.0	8.3
19	16.4	27.8	18.5	90.0	4.4	.1	4.5	4.2
20	16.0	25.1	20.3	84.3	.2	45.9	46.1	3.9
21	15.8	25.0	20.2	82.7	.7	0.0	.7	4.6
22	16.9	28.0	21.3	82.7	0.0	0.0	0.0	7.1
23	17.0	27.9	20.8	83.0	0.0	2.5	2.5	5.7
24	16.9	23.0	18.7	88.3	10.9	30.7	41.6	.3
25	16.0	21.8	18.1	84.7	2.1	2.9	5.0	0.0
26	15.2	23.0	17.8	89.3	8.4	1.2	9.6	1.6
27	15.8	25.0	20.6	78.3	0.0	0.0	0.0	4.0
28	17.0	25.9	20.9	82.3	0.0	9.2	9.2	6.7
29	16.0	25.4	20.2	76.3	.9	.7	1.6	2.5
30	15.9	24.0	19.2	82.0	2.9	6.0	8.9	3.8
31								
Total					73.0	180.8	253.8	109.7
Promedio	16.2	25.2	19.7	81.8				

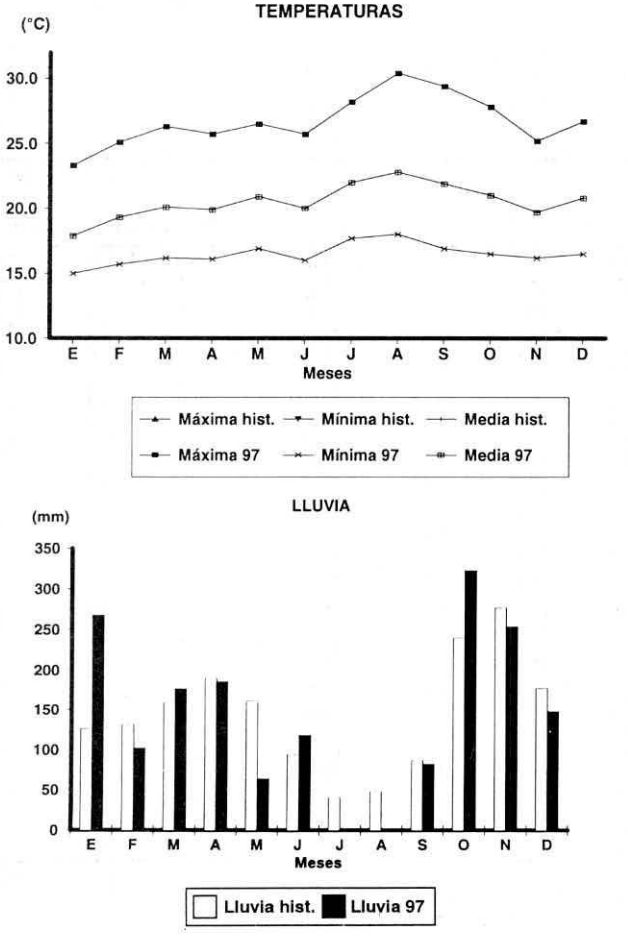
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	26.2	20.4	81.0	.9	10.5	11.4	7.0
2	15.8	23.3	18.1	88.7	12.1	1.3	13.4	1.2
3	15.2	24.6	19.9	83.7	0.0	0.0	0.0	6.1
4	15.3	27.2	20.2	80.3	0.0	0.0	0.0	10.2
5	16.0	27.0	22.3	62.3	0.0	0.0	0.0	8.2
6	17.2	27.8	23.2	49.3	0.0	0.0	0.0	10.3
7	17.5	27.3	22.7	61.7	0.0	0.0	0.0	7.0
8	18.0	26.9	21.6	73.0	0.0	0.0	0.0	2.6
9	17.0	26.2	20.8	80.7	0.0	0.0	0.0	2.1
10	16.4	26.9	21.0	80.7	0.0	0.0	0.0	7.3
11	16.7	25.2	20.2	87.0	.2	0.0	.2	5.3
12	16.5	26.8	20.5	81.3	5.0	.1	5.1	7.6
13	17.0	27.8	20.8	81.0	1.4	0.0	1.4	5.6
14	16.2	27.2	20.1	83.0	.5	52.7	53.2	3.8
15	14.3	25.6	18.7	86.7	17.4	.2	17.6	4.6
16	16.0	25.3	19.8	80.0	21.2	0.0	21.2	4.7
17	16.5	26.5	20.9	80.7	.5	0.0	.5	6.2
18	16.2	27.1	20.2	79.3	0.0	1.4	1.4	7.4
19	16.7	26.5	20.5	82.7	.8	0.0	.8	6.3
20	16.0	27.0	20.8	80.7	0.0	0.0	0.0	5.9
21	16.8	25.0	20.2	85.0	0.0	0.0	0.0	3.2
22	15.8	26.2	21.8	59.3	0.0	0.0	0.0	5.0
23	18.2	28.7	22.1	52.3	0.0	0.0	0.0	5.7
24	17.9	27.7	21.8	58.3	0.0	0.0	0.0	4.2
25	17.1	28.0	22.6	51.0	0.0	0.0	0.0	3.9
26	16.3	28.7	21.7	68.0	0.0	0.0	0.0	8.7
27	16.0	26.7	20.8	78.7	0.0	0.0	0.0	5.4
28	16.4	29.3	21.6	73.0	0.0	0.0	0.0	9.9
29	16.5	29.5	20.2	73.0	20.1	0.0	20.1	7.1
30	16.5	28.5	20.2	82.3	1.6	0.0	1.6	.8
31	18.2	21.5	19.4	89.0	0.0	0.0	0.0	0.0
Total					81.7	66.2	147.9	173.3
Promedio	16.5	26.7	20.8	75.3				

Estación : EL SAUCE
Año : 1997

Dpto. : NARIÑO
Mpio. : LA UNION

Latitud : 1 ° 37 'N
Longitud : 77 ° 6 'W
Altitud : 1800 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.0	23.3	17.9	26.0	13.5	87.0	267.5	27	87.0
Febrero	15.7	25.1	19.3	29.0	14.0	82.8	102.2	17	126.5
Marzo	16.2	26.3	20.1	29.5	14.5	80.2	176.1	13	156.5
Abril	16.1	25.7	19.9	30.6	15.0	83.2	185.5	20	138.3
Mayo	16.9	26.5	20.9	29.5	14.5	77.0	64.0	12	133.8
Junio	16.0	25.7	20.0	29.5	14.0	79.7	118.0	14	145.3
Julio	17.7	28.2	22.0	31.0	15.5	53.9	.8	1	199.2
Agosto	18.0	30.4	22.8	33.7	16.0	52.2	0.0	0	196.3
Septiembre	16.9	29.4	21.9	34.0	15.0	63.9	82.0	6	153.2
Octubre	16.5	27.8	21.0	31.8	14.5	73.4	322.7	18	162.0
Noviembre	16.2	25.2	19.7	28.5	14.3	81.8	253.8	22	109.7
Diciembre	16.5	26.7	20.8	29.5	14.3	75.3	147.9	13	173.3
Promedio :	16.5	26.7	20.5			74.2			
Absoluta :				34.0	13.5				
Total :							1720.5	163	1781.1



Estación : OSPINA PEREZ
Año : 1997

Dpto. : NARIÑO
Mpio. : CONSACA

Latitud : 1 ° 15 ' N
Longitud : 77 ° 29 ' W
Altitud : 1700 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	23.5	17.5	92.0	1.9	1.4	3.3	2.2
2	15.8	24.0	18.5	83.3	0.0	.4	.4	4.9
3	15.5	25.5	19.2	83.0	0.0	1.0	1.0	5.3
4	16.0	25.2	19.0	82.0	0.0	2.2	2.2	7.6
5	16.5	19.5	17.8	96.7	3.7	10.4	14.1	0.0
6	15.5	22.0	17.9	91.0	7.2	9.8	17.0	.7
7	15.6	24.0	18.0	88.7	2.9	3.1	6.0	3.1
8	16.2	24.5	19.5	82.0	0.0	0.0	0.0	5.9
9	15.0	25.6	19.1	83.3	0.0	1.7	1.7	7.0
10	16.0	19.0	16.9	97.3	7.9	18.8	26.7	.1
11	15.8	23.2	18.6	89.3	.9	16.4	17.3	1.6
12	14.8	24.5	18.2	79.3	0.0	0.0	0.0	6.9
13	16.0	22.5	18.0	86.7	2.5	0.0	2.5	.5
14	14.9	25.5	19.4	77.3	0.0	.1	.1	8.4
15	15.5	21.0	16.8	96.3	4.3	9.4	13.7	.3
16	15.6	23.5	18.6	85.3	0.0	0.0	0.0	3.4
17	15.0	24.5	18.6	84.0	0.0	0.0	0.0	2.6
18	15.5	25.6	19.0	84.7	.2	4.2	4.4	3.8
19	16.0	21.0	17.3	96.3	2.5	2.3	4.8	0.0
20	15.5	23.0	17.6	91.3	.5	.9	1.4	1.1
21	15.5	24.5	18.6	88.0	0.0	4.3	4.3	2.7
22	15.0	24.5	19.3	80.7	0.0	16.3	16.3	6.5
23	15.5	25.5	19.0	80.3	0.0	7.0	7.0	6.0
24	15.8	24.5	18.8	85.3	0.0	13.9	13.9	4.5
25	15.5	22.0	17.9	91.3	.5	5.5	6.0	.7
26	15.5	21.5	16.9	94.3	6.1	3.9	10.0	1.1
27	15.0	25.0	18.8	82.0	1.1	0.0	1.1	6.5
28	14.5	25.5	19.0	78.3	0.0	.4	.4	8.7
29	15.2	25.7	19.0	79.0	.5	0.0	.5	8.4
30	15.5	26.0	18.8	82.7	0.0	.2	.2	6.8
31	14.0	26.0	19.0	78.7	0.0	3.6	3.6	7.6
Total :					42.7	137.2	179.9	124.9
Promedio :	15.5	23.8	18.4	86.1				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	24.5	18.8	84.0	0.0	0.0	0.0	5.8
2	15.5	26.5	19.6	79.7	1.4	0.0	1.4	7.1
3	15.4	27.0	19.4	77.7	.9	0.0	.9	7.0
4	14.5	23.5	17.8	80.7	0.0	0.0	0.0	1.8
5	15.0	24.5	18.4	82.0	0.0	0.0	0.0	4.1
6	15.0	25.0	18.8	85.3	0.0	8.1	8.1	2.7
7	14.8	24.5	18.5	83.3	1.8	17.8	19.6	1.5
8	15.5	21.0	18.0	91.7	.8	0.0	.8	.4
9	14.5	23.5	18.8	79.3	0.0	4.8	4.8	3.9
10	16.0	24.5	18.6	83.7	7.2	15.0	22.2	1.6
11	15.3	22.0	17.7	91.7	7.5	.2	7.7	.3
12	16.0	23.4	19.2	86.3	.6	0.0	.6	2.6
13	14.5	27.5	19.6	75.0	0.0	0.0	0.0	7.1
14	15.6	27.3	20.1	77.7	2.9	0.0	2.9	5.8
15	16.8	25.0	19.1	88.0	3.7	11.4	15.1	3.9
16	16.5	22.5	18.3	90.3	0.0	.5	.5	2.0
17	15.0	25.7	19.7	81.0	.2	4.4	4.6	5.3
18	16.6	25.5	19.6	84.3	4.4	0.0	4.4	3.0
19	16.5	27.5	20.6	77.3	0.0	0.0	0.0	8.6
20	15.0	27.9	20.8	55.0	0.0	0.0	0.0	8.6
21	15.0	25.5	20.0	77.0	0.0	0.0	0.0	7.2
22	17.0	25.9	20.3	82.0	0.0	.4	.4	1.0
23	16.5	25.0	20.6	78.3	2.3	0.0	2.3	1.2
24	15.0	28.5	20.8	74.3	0.0	.3	.3	6.0
25	17.0	26.5	20.3	79.0	.8	0.0	.8	2.8
26	15.0	25.5	20.2	79.0	0.0	0.0	0.0	2.0
27	16.6	28.0	20.9	74.0	0.0	0.0	0.0	4.5
28	16.9	29.0	21.8	64.0	0.0	0.0	0.0	8.1
29								
30								
31								
Total :					34.5	62.9	97.4	115.9
Promedio :	15.7	25.5	19.5	80.1				

Estación : OSPINA PEREZ
Año : 1997

Dpto. : NARIÑO
Mpio. : CONSACA

Latitud : 1 ° 15 ' N
Longitud : 77 ° 29 ' W
Altitud : 1700 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	27.0	20.5	72.3	0.0	14.3	14.3	7.5
2	16.0	26.0	20.7	78.0	0.0	10.4	10.4	6.1
3	16.5	26.2	20.0	86.7	1.9	0.0	1.9	4.5
4	16.9	26.5	20.9	78.7	0.0	44.3	44.3	5.6
5	16.5	26.0	20.0	76.7	0.0	0.0	0.0	5.1
6	15.8	28.5	21.0	73.3	0.0	0.0	0.0	10.3
7	16.5	29.5	22.7	70.0	0.0	0.0	0.0	9.2
8	16.0	24.0	19.7	86.3	0.0	0.0	0.0	4.7
9	16.5	23.5	20.0	87.7	.2	0.0	.2	2.0
10	15.6	26.5	21.0	83.7	0.0	0.0	0.0	4.8
11	16.0	23.0	19.4	92.3	.1	0.0	.1	1.7
12	16.5	27.0	20.4	81.3	0.0	0.0	0.0	3.7
13	17.0	23.5	19.2	92.3	0.0	0.0	0.0	1.4
14	16.0	28.5	21.1	80.0	0.0	0.0	0.0	9.1
15	16.5	27.5	20.2	81.3	3.6	0.0	3.6	5.1
16	15.0	25.0	19.0	87.3	0.0	23.5	23.5	3.5
17	16.0	22.8	18.4	89.3	28.0	0.0	28.0	.6
18	15.5	23.0	18.2	89.3	6.9	2.7	9.6	.6
19	15.5	20.5	17.6	93.0	8.0	.5	8.5	0.0
20	15.0	25.5	19.6	83.0	0.0	0.0	0.0	4.8
21	16.0	25.0	19.6	78.3	0.0	0.0	0.0	1.2
22	14.0	25.0	18.6	79.0	0.0	0.0	0.0	5.6
23	16.0	23.5	19.2	81.7	.3	0.0	.3	2.0
24	14.0	26.5	19.4	79.0	0.0	0.0	0.0	8.0
25	16.5	26.0	20.0	82.0	.7	0.0	.7	4.8
26	16.1	24.5	20.0	79.3	0.0	8.1	8.1	5.0
27	16.0	23.0	18.4	88.3	0.0	0.0	0.0	.7
28	15.8	24.0	19.7	75.0	0.0	1.5	1.5	.6
29	16.0	25.5	20.1	81.0	.1	0.0	.1	5.0
30	15.8	25.8	20.0	83.0	0.0	0.0	0.0	4.1
31	15.5	24.6	19.8	78.7	0.0	0.0	0.0	6.3
Total					49.8	105.3	155.1	133.6
Promedio	15.9	25.3	19.8	82.2				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	24.5	19.5	84.0	3.9	1.1	5.0	4.9
2	16.0	25.5	20.3	78.7	0.0	0.0	0.0	7.6
3	16.9	26.0	19.3	83.3	0.0	0.0	0.0	5.8
4	13.6	27.0	19.5	67.3	0.0	0.0	0.0	9.9
5	14.5	24.5	20.0	80.3	0.0	0.0	0.0	5.3
6	15.0	25.0	20.0	87.3	0.0	20.3	20.3	2.8
7	16.8	26.0	20.5	84.0	0.0	0.0	0.0	3.1
8	16.7	25.0	19.2	86.0	2.6	1.8	4.4	2.3
9	15.0	25.0	19.6	87.7	0.0	.5	.5	5.3
10	16.0	25.5	20.4	79.3	0.0	0.0	0.0	6.0
11	14.5	23.5	19.4	88.7	1.0	1.8	2.8	2.0
12	15.8	26.0	20.1	87.7	0.0	0.0	0.0	6.1
13	16.0	26.5	20.2	81.0	0.0	0.0	0.0	4.8
14	15.2	27.0	20.5	78.3	1.8	23.2	25.0	7.1
15	15.5	26.5	19.9	80.3	11.5	.2	11.7	3.5
16	16.0	27.5	20.3	79.3	0.0	0.0	0.0	7.4
17	16.5	25.5	19.8	84.7	0.0	2.2	2.2	2.9
18	16.1	25.8	20.4	80.0	0.0	0.0	0.0	3.9
19	14.7	23.0	18.1	84.0	2.9	12.1	15.0	1.6
20	14.0	24.5	18.8	86.3	15.8	1.1	16.9	1.3
21	14.5	21.5	17.5	92.7	3.5	2.1	5.6	.5
22	15.0	24.5	18.6	90.7	.1	0.0	.1	2.5
23	14.5	26.0	19.1	84.3	2.5	3.3	5.8	3.8
24	15.0	27.8	20.4	78.0	0.0	39.7	39.7	5.4
25	15.2	23.2	17.8	88.3	.8	0.0	.8	1.0
26	15.0	22.5	18.4	93.7	1.7	9.7	11.4	2.4
27	15.2	23.5	17.9	88.7	7.2	0.0	7.2	2.3
28	15.8	24.0	18.6	87.7	.8	0.0	.8	6.2
29	15.8	25.5	20.0	78.7	0.0	0.0	0.0	4.0
30	15.5	27.0	20.8	67.3	0.0	0.0	0.0	5.4
31								
Total					56.1	119.1	175.2	127.1
Promedio	15.4	25.2	19.5	83.3				

Estación : OSPINA PEREZ
Año : 1997

Dpto. : NARIÑO
Mpio. : CONSACA

Latitud : 1 ° 15 ' N
Longitud : 77 ° 29 ' W
Altitud : 1700 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.5	21.6	48.7	0.0	0.0	0.0	6.2
2	17.7	25.5	21.2	70.7	0.0	0.0	0.0	1.8
3	16.0	26.5	21.0	78.7	0.0	0.0	0.0	5.2
4	14.0	27.0	20.8	69.3	0.0	0.0	0.0	5.6
5	15.0	27.4	20.5	76.3	0.0	0.0	0.0	6.5
6	16.0	25.5	20.2	80.7	0.0	0.0	0.0	4.2
7	15.9	26.8	20.4	82.3	.2	0.0	.2	7.1
8	17.0	28.5	21.2	70.0	0.0	0.0	0.0	8.0
9	15.8	25.0	19.7	85.0	0.0	.2	.2	4.3
10	17.1	24.0	19.8	87.0	0.0	1.7	1.7	2.0
11	17.0	24.1	19.2	87.3	6.7	.2	6.9	1.3
12	16.0	26.5	20.0	82.0	7.4	1.9	9.3	6.6
13	17.2	25.8	20.2	82.0	.4	0.0	.4	2.2
14	17.0	23.0	19.0	92.0	9.0	.2	9.2	3.8
15	15.9	26.5	20.2	81.0	0.0	0.0	0.0	7.7
16	15.5	28.5	20.6	76.7	0.0	0.0	0.0	10.0
17	15.5	27.5	21.0	71.3	0.0	0.0	0.0	7.7
18	16.7	28.0	21.3	63.0	0.0	0.0	0.0	4.7
19	17.9	27.0	21.1	57.0	0.0	0.0	0.0	1.9
20	16.5	27.2	22.2	54.3	0.0	0.0	0.0	3.7
21	16.2	27.5	20.2	83.7	0.0	0.0	0.0	4.2
22	17.0	26.0	20.4	80.0	0.0	0.0	0.0	5.9
23	15.9	29.8	20.9	71.3	0.0	0.0	0.0	7.4
24	16.7	23.0	19.6	81.3	0.0	0.0	0.0	0.0
25	16.9	24.9	19.8	87.0	0.0	0.0	0.0	1.3
26	16.8	25.5	19.4	83.7	1.4	.5	1.9	1.5
27	16.5	26.5	20.2	82.0	8.0	5.6	13.6	6.7
28	16.9	28.0	20.0	86.0	13.5	3.3	16.8	6.6
29	16.8	25.5	20.0	83.3	0.0	0.0	0.0	4.2
30	17.0	24.5	19.6	84.3	9.0	0.0	9.0	3.1
31	15.5	25.5	19.0	80.0	1.8	5.7	7.5	4.6
Total :					57.4	19.3	76.7	146.0
Promedio :	16.4	26.3	20.3	77.4				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	27.0	21.0	75.3	0.0	0.0	0.0	7.2
2	15.5	27.5	21.1	75.3	0.0	0.0	0.0	7.7
3	16.0	28.4	21.0	71.7	0.0	17.7	17.7	7.1
4	14.5	23.0	18.1	81.3	5.8	0.0	5.8	.6
5	16.2	27.0	20.5	75.7	0.0	35.0	35.0	6.5
6	16.0	24.0	18.7	82.0	.5	.2	.7	3.0
7	15.9	22.0	17.7	89.7	29.2	2.6	31.8	2.0
8	15.1	23.5	19.4	78.3	0.0	0.0	0.0	2.1
9	16.0	25.5	19.5	74.0	.1	.5	.6	4.2
10	16.0	24.5	19.3	80.7	.2	.1	.3	3.5
11	16.5	22.0	19.0	79.7	0.0	0.0	0.0	0.0
12	15.5	27.0	20.3	72.7	0.0	0.0	0.0	4.6
13	16.5	22.5	18.2	89.7	3.9	0.0	3.9	2.1
14	14.5	25.5	19.4	65.3	0.0	0.0	0.0	6.7
15	13.5	25.5	19.3	77.7	0.0	0.0	0.0	7.5
16	14.5	25.0	18.8	78.7	0.0	4.6	4.6	5.1
17	15.5	26.0	19.7	75.7	0.0	0.0	0.0	5.2
18	16.5	23.0	18.6	87.3	.3	25.5	25.8	2.9
19	16.0	24.0	19.4	85.7	0.0	.5	.5	3.8
20	17.0	23.0	19.2	86.0	.6	0.0	.6	3.9
21	13.0	26.5	18.9	64.3	0.0	0.0	0.0	8.5
22	13.0	28.0	21.9	43.3	0.0	0.0	0.0	9.0
23	16.0	29.0	21 2	66.0	0.0	0.0	0.0	7.8
24	16.0	23.5	18.9	82.7	0.0	0.0	0.0	.8
25	16.5	23.5	18.8	86.0	.2	1.4	1.6	1.8
26	16.4	24.5	19.2	84.3	0.0	0.0	0.0	6.2
27	15.0	25.5	19.9	76.0	0.0	0.0	0.0	5.5
28	14.5	28.0	20.9	62.3	0.0	0.0	0.0	10.3
29	15.0	28.9	20.2	63.7	0.0	0.0	0.0	9.1
30	16.5	28.5	21.7	56.0	0.0	2.2	2.2	6.8
31								
Total :					40.8	90.3	131.1	151.5
Promedio :	15.6	25.4	19.7	75.6				

Estación : OSPINA PEREZ
Año : 1997

Dpto. : NARIÑO
Mpio. : CONSACA

Latitud : 1 ° 15 ' N
Longitud : 77 ° 29 ' W
Altitud : 1700 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	24.5	18.6	72.7	.3	0.0	.3	1.3
2	15.0	26.5	21.2	46.7	0.0	0.0	0.0	10.4
3	15.8	25.5	21.4	42.7	0.0	0.0	0.0	6.0
4	15.5	25.7	21.8	40.7	0.0	0.0	0.0	6.1
5	16.5	26.0	21.8	56.7	0.0	0.0	0.0	6.5
6	16.0	27.0	20.6	69.7	0.0	0.0	0.0	5.9
7	16.5	27.5	22.0	52.3	0.0	0.0	0.0	5.9
8	16.0	26.0	21.0	58.0	0.0	0.0	0.0	4.1
9	16.5	27.5	20.8	48.0	0.0	0.0	0.0	8.1
10	15.8	27.0	21.2	44.0	0.0	0.0	0.0	8.3
11	16.5	28.0	22.1	51.3	0.0	0.0	0.0	8.5
12	16.5	28.5	22.6	41.0	0.0	0.0	0.0	9.1
13	17.5	26.5	21.5	44.7	0.0	0.0	0.0	8.9
14	19.0	27.0	22.6	38.0	0.0	0.0	0.0	7.4
15	17.1	24.0	20.7	46.0	0.0	0.0	0.0	1.5
16	17.8	27.0	21.5	46.7	0.0	0.0	0.0	4.7
17	16.0	28.5	21.9	45.0	0.0	0.0	0.0	10.5
18	16.5	27.5	23.2	38.3	0.0	0.0	0.0	10.5
19	17.0	29.8	24.4	34.7	0.0	0.0	0.0	8.5
20	17.5	29.5	22.2	47.0	0.0	0.0	0.0	8.3
21	18.5	26.5	22.3	43.0	0.0	0.0	0.0	4.5
22	18.0	28.0	23.4	47.3	0.0	0.0	0.0	5.8
23	18.8	30.0	24.4	41.7	0.0	0.0	0.0	10.4
24	19.0	28.5	24.8	40.0	0.0	0.0	0.0	10.3
25	20.0	29.5	23.8	40.7	0.0	0.0	0.0	8.2
26	22.0	28.5	24.0	39.3	0.0	0.0	0.0	8.0
27	20.5	26.5	23.2	38.3	0.0	0.0	0.0	6.1
28	16.5	28.5	21.8	53.0	0.0	0.0	0.0	5.4
29	15.5	29.0	20.8	64.0	0.0	0.0	0.0	5.7
30	15.0	29.5	21.4	65.7	0.0	0.0	0.0	9.2
31	16.5	29.0	21.5	70.7	0.0	0.0	0.0	4.1
Total :					.3	0.0	.3	218.2
Promedio :	17.1	27.5	22.1	48.6				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	29.4	24.5	33.3	0.0	0.0	0.0	9.1
2	18.5	29.3	24.0	41.3	0.0	0.0	0.0	8.0
3	17.6	30.6	24.5	38.3	0.0	0.0	0.0	9.1
4	21.0	29.4	23.9	36.3	0.0	0.0	0.0	7.3
5	20.6	29.6	24.7	35.3	0.0	0.0	0.0	10.2
6	18.0	28.5	23.9	43.0	0.0	0.0	0.0	6.1
7	17.5	29.2	24.0	42.7	0.0	0.0	0.0	5.0
8	18.5	26.7	22.3	40.0	0.0	0.0	0.0	5.0
9	15.8	27.1	21.3	46.7	0.0	0.0	0.0	6.0
10	20.0	26.6	21.7	42.7	0.0	0.0	0.0	6.8
11	16.4	30.4	22.3	54.7	0.0	0.0	0.0	7.1
12	15.6	29.0	22.5	46.0	0.0	0.0	0.0	3.9
13	15.5	26.2	22.2	45.7	0.0	0.0	0.0	2.3
14	15.0	27.8	22.4	57.0	0.0	0.0	0.0	2.9
15	18.0	28.5	24.0	38.3	0.0	0.0	0.0	8.6
16	16.7	28.9	23.6	42.3	0.0	0.0	0.0	5.4
17	16.8	27.8	24.9	34.7	0.0	0.0	0.0	2.4
18	15.9	28.8	20.9	58.3	0.0	0.0	0.0	4.2
19	16.0	29.0	21.1	59.7	0.0	0.0	0.0	4.7
20	16.5	29.2	22.8	45.3	0.0	0.0	0.0	6.8
21	19.5	28.9	23.1	37.3	0.0	0.0	0.0	8.0
22	17.4	26.0	20.8	47.3	0.0	0.0	0.0	2.8
23	18.0	29.4	23.4	36.7	0.0	0.0	0.0	10.2
24	15.5	28.2	23.3	35.3	0.0	0.0	0.0	5.9
25	17.0	30.0	22.7	53.0	0.0	0.0	0.0	8.7
26	16.5	29.5	22.7	49.3	0.0	0.0	0.0	5.1
27	21.5	28.8	23.8	32.7	0.0	0.0	0.0	6.1
28	20.5	28.6	23.4	30.3	0.0	0.0	0.0	7.2
29	17.0	28.2	22.9	37.0	0.0	0.0	0.0	8.7
30	14.5	31.7	21.6	49.0	0.0	0.0	0.0	8.6
31	14.7	32.6	22.7	45.3	0.0	0.0	0.0	8.1
Total :					0.0	0.0	0.0	200.3
Promedio :	17.4	28.8	23.0	43.1				

Estación : OSPINA PEREZ
Año : 1997

Dpto. : NARIÑO
Mpio. : CONSACA

Latitud : 1 ° 15 ' N
Longitud : 77 ° 29 ' W
Altitud : 1700 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	28.5	20.8	69.3	0.0	0.0	0.0	4.6
2	16.5	26.5	21.0	69.3	0.0	0.0	0.0	.9
3	17.0	27.5	20.4	76.7	0.0	0.0	0.0	4.6
4	14.0	30.5	20.7	65.0	0.0	0.0	0.0	6.9
5	14.8	31.0	21.4	62.3	0.0	0.0	0.0	6.4
6	16.0	26.5	20.7	70.3	0.0	0.0	0.0	3.4
7	16.8	26.7	20.5	70.3	0.0	0.0	0.0	2.8
8	16.5	25.0	19.5	76.0	0.0	0.0	0.0	2.9
9	15.0	29.0	21.0	58.7	0.0	0.0	0.0	6.6
10	16.0	29.5	21.2	62.7	0.0	0.0	0.0	5.3
11	15.5	31.0	22.0	64.3	0.0	0.0	0.0	5.0
12	17.5	29.0	22.0	53.3	0.0	0.0	0.0	1.2
13	16.5	29.5	21.4	54.7	0.0	0.0	0.0	.5
14	16.8	31.5	22.3	44.0	0.0	0.0	0.0	5.8
15	17.5	29.5	22.3	45.7	0.0	0.0	0.0	8.4
16	19.5	29.9	24.2	36.0	0.0	0.0	0.0	5.8
17	16.0	30.0	23.2	42.0	0.0	0.0	0.0	6.8
18	17.8	30.9	22.7	44.7	0.0	0.0	0.0	7.9
19	16.8	29.8	21.3	62.0	0.0	0.0	0.0	2.9
20	17.0	27.0	20.2	71.7	0.0	0.0	0.0	3.1
21	15.5	27.5	20.2	66.7	8.0	0.0	8.0	4.7
22	16.0	24.5	18.6	81.3	0.0	0.0	0.0	3.0
23	15.9	25.0	19.4	78.3	1.3	14.2	15.5	.3
24	16.5	29.0	19.5	78.0	8.0	32.4	40.4	1.6
25	15.5	28.5	20.0	71.0	5.8	0.0	5.8	5.0
26	17.0	28.0	20.7	79.3	0.0	0.0	0.0	2.7
27	17.2	27.7	20.7	74.7	0.0	0.0	0.0	1.9
28	17.4	27.0	20.8	60.7	0.0	0.0	0.0	0.0
29	17.0	29.5	21.7	44.3	0.0	0.0	0.0	7.6
30	15.5	30.0	21.4	45.0	0.0	0.0	0.0	6.7
31								
Total :					23.1	46.6	69.7	125.3
Promedio :	16.4	28.5	21.1	62.6				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	29.6	20.5	60.3	0.0	0.0	0.0	9.9
2	16.0	29.0	21.2	70.3	0.0	0.0	0.0	5.3
3	17.0	24.5	19.8	80.3	0.0	0.0	0.0	.4
4	16.5	30.0	21.2	70.3	0.0	0.0	0.0	6.3
5	16.0	26.5	19.5	78.7	0.0	0.0	0.0	4.5
6	14.5	27.5	21.8	39.3	0.0	0.0	0.0	5.3
7	18.0	28.0	22.6	37.3	0.0	0.0	0.0	5.7
8	16.5	28.5	21.2	55.7	0.0	0.0	0.0	5.5
9	15.0	30.6	21.4	59.3	0.0	0.0	0.0	7.3
10	16.0	31.5	21.8	65.0	0.0	6.7	6.7	9.1
11	17.0	28.5	21.2	74.3	.2	0.0	.2	4.6
12	17.0	29.5	21.8	70.3	0.0	9.4	9.4	7.3
13	16.0	25.5	19.8	80.3	0.0	2.7	2.7	2.6
14	15.9	27.5	20.2	72.0	.1	.1	.2	5.1
15	16.5	28.0	20.0	79.3	2.5	.3	2.8	4.6
16	15.5	27.0	20.4	73.7	0.0	9.4	9.4	3.7
17	16.5	26.0	20.3	71.3	0.0	0.0	0.0	5.3
18	17.0	24.0	18.7	86.7	4.7	7.8	12.5	0.0
19	16.0	24.5	19.6	72.3	0.0	0.0	0.0	2.9
20	15.0	27.0	19.5	81.0	.8	1.3	2.1	8.2
21	17.0	24.0	19.0	91.0	6.7	2.1	8.8	2.8
22	16.8	24.5	19.4	82.7	4.7	0.0	4.7	3.0
23	15.0	28.0	20.5	74.3	0.0	0.0	0.0	7.3
24	16.5	29.6	21 0	76.0	0.0	0.0	0.0	8.0
25	16.8	25.0	19.8	82.7	3.7	.2	3.9	3.6
26	16.5	27.5	21.0	78.3	0.0	0.0	0.0	5.8
27	16.8	26.0	19.8	87.3	7.1	1.3	8.4	3.1
28	16.5	25.5	19.6	86.0	0.0	7.2	7.2	5.1
29	15.5	27.0	20.0	83.3	0.0	0.0	0.0	6.8
30	16.0	28.0	20.5	85.7	0.0	0.0	0.0	5.7
31	17.0	26.0	19.4	87.7	8.0	18.4	26.4	5.8
Total :					38.5	66.9	105.4	160.6
Promedio :	16.2	27.2	20.4	74.0				

Estación : OSPINA PEREZ
Año : 1997

Dpto. : NARIÑO
Mpio. : CONSACA

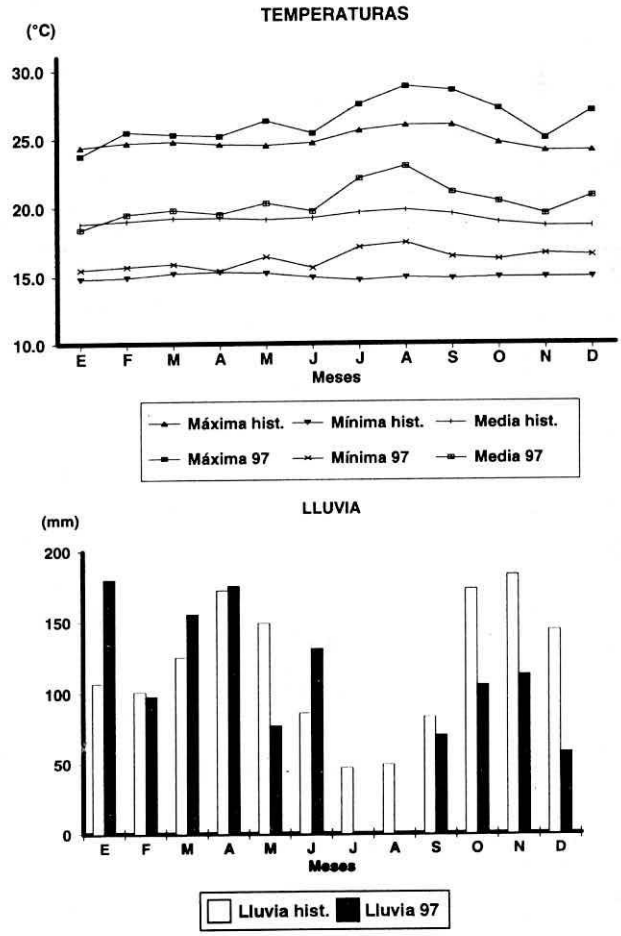
Latitud : 1 ° 15 ' N
Longitud : 77 ° 29 ' W
Altitud : 1700 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	25.5	20.1	81.7	0.0	0.0	0.0	2.4
2	16.0	28.0	20.8	79.0	0.0	0.0	0.0	7.4
3	18.5	25.0	20.0	87.0	2.6	0.0	2.6	.8
4	17.0	26.0	20.0	82.3	.2	1.6	1.8	4.3
5	18.0	25.5	20.0	85.3	5.9	0.0	5.9	2.9
6	17.5	26.5	20.2	83.0	0.0	0.0	0.0	3.7
7	17.0	25.0	19.0	88.0	13.3	1.3	14.6	1.2
8	17.1	21.0	18.1	94.3	8.0	1.8	9.8	.1
9	16.0	24.5	18.6	88.7	0.0	0.0	0.0	3.8
10	17.0	23.9	18.8	94.0	7.6	3.1	10.7	2.9
11	17.0	25.5	19.2	86.7	3.6	4.9	8.5	2.0
12	16.5	24.5	18.5	87.0	0.0	.3	.3	3.4
13	15.5	26.0	19.5	74.3	0.0	3.0	3.0	8.5
14	15.9	24.5	18.6	83.3	3.5	0.0	3.5	2.7
15	15.5	25.0	19.1	79.0	0.0	.4	.4	4.9
16	15.2	26.0	20.0	74.7	0.0	0.0	0.0	8.2
17	16.0	22.0	18.2	87.3	3.6	14.3	17.9	.5
18	15.8	25.5	19.2	81.0	0.0	0.0	0.0	7.7
19	16.5	25.0	19.4	85.7	.2	1.4	1.6	2.5
20	16.5	25.5	21.0	82.3	.9	14.5	15.4	3.9
21	17.0	26.5	20.8	82.3	0.0	0.0	0.0	6.1
22	17.0	27.5	21.0	79.3	0.0	0.0	0.0	7.1
23	16.5	26.0	20.4	81.7	0.0	4.1	4.1	3.8
24	18.0	21.0	18.7	93.7	5.5	2.0	7.5	.1
25	16.5	20.0	17.6	93.7	0.0	0.0	0.0	0.0
26	16.0	24.0	18.4	84.0	4.8	0.0	4.8	2.4
27	16.1	26.0	20.5	71.3	0.0	0.0	0.0	6.6
28	17.5	26.9	21.1	77.3	0.0	.4	.4	5.4
29	17.0	25.5	19.4	84.0	0.0	0.0	0.0	.6
30	16.8	26.0	20.0	80.0	0.0	0.0	0.0	4.6
31								
Total :					59.7	53.1	112.8	110.5
Promedio :	16.6	25.0	19.5	83.7				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	25.5	19.8	80.3	2.2	17.5	19.7	4.8
2	17.2	22.5	18.5	90.3	15.2	5.6	20.8	1.4
3	15.5	25.0	19.3	82.0	0.0	0.0	0.0	6.7
4	15.0	28.8	20.7	74.3	0.0	0.0	0.0	9.9
5	15.8	29.8	21.0	67.7	0.0	0.0	0.0	9.0
6	18.0	29.0	21.8	56.3	0.0	0.0	0.0	7.2
7	18.5	28.5	21.8	57.7	0.0	0.0	0.0	5.3
8	17.5	27.0	20.7	77.0	0.0	0.0	0.0	3.1
9	16.5	26.0	20.2	81.0	0.0	0.0	0.0	2.7
10	15.5	27.0	20.6	78.0	0.0	0.0	0.0	5.8
11	16.5	24.5	19.7	80.0	0.0	0.0	0.0	4.0
12	15.5	27.5	20.3	72.7	2.0	2.7	4.7	7.6
13	15.8	26.5	19.6	78.0	0.0	0.0	0.0	7.5
14	16.5	27.5	20.4	79.7	.2	2.7	2.9	3.9
15	15.5	26.0	20.3	78.0	0.0	0.0	0.0	4.1
16	16.5	25.0	20.0	82.7	5.0	3.5	8.5	2.8
17	17.5	25.1	20.3	80.3	1.0	0.0	1.0	3.2
18	15.5	26.5	20.2	78.3	0.0	0.0	0.0	7.4
19	16.8	27.5	21.0	70.0	0.0	0.0	0.0	8.6
20	16.5	28.0	20.9	73.3	0.0	0.0	0.0	5.1
21	16.9	26.0	20.0	85.0	0.0	0.0	0.0	2.7
22	16.0	28.5	22.1	55.0	0.0	0.0	0.0	5.9
23	18.9	27.5	22.8	44.3	0.0	0.0	0.0	4.5
24	18.5	28.0	22.9	51.3	0.0	0.0	0.0	4.6
25	17.0	26.5	22.8	47.3	0.0	0.0	0.0	3.0
26	15.0	29.0	21.9	60.3	0.0	0.0	0.0	9.4
27	15.8	27.5	20.9	66.3	0.0	0.0	0.0	3.9
28	15.5	30.0	21.3	68.0	0.0	0.0	0.0	9.8
29	16.0	30.0	21.4	71.0	0.0	0.0	0.0	6.8
30	16.2	25.5	20.2	75.0	0.0	0.0	0.0	.7
31	16.5	24.0	19.9	84.3	0.0	0.0	0.0	.3
Total :					25.6	32.0	57.6	161.7
Promedio :	16.5	27.0	20.8	71.8				

Estación : OSPINA PEREZ **Dpto. :** NARIÑO **Latitud :** 1 ° 15 'N
Año : 1997 **Mpio. :** CONSACA **Longitud :** 77 ° 29 'W
Altitud : 1700 m

MES	TEMPERATURA °C					PRECIPITACION			
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.5	23.8	18.4	26.0	14.0	86.1	179.9	27	124.9
Febrero	15.7	25.5	19.5	29.0	14.5	80.1	97.4	18	115.9
Marzo	15.9	25.3	19.8	29.5	14.0	82.2	155.1	16	133.6
Abril	15.4	25.2	19.5	27.8	13.6	83.3	175.2	18	127.1
Mayo	16.4	26.3	20.3	29.8	14.0	77.4	76.7	12	146.0
Junio	15.6	25.4	19.7	29.0	13.0	75.6	131.1	14	151.5
Julio	17.1	27.5	22.1	30.0	15.0	48.6	.3	1	218.2
Agosto	17.4	28.8	23.0	32.6	14.5	43.1	0.0	0	200.3
Septiembre	16.4	28.5	21.1	31.5	14.0	62.6	69.7	4	125.3
Octubre	16.2	27.2	20.4	31.5	14.5	74.0	105.4	15	160.6
Noviembre	16.6	25.0	19.5	28.0	15.2	83.7	112.8	18	110.5
Diciembre	16.5	27.0	20.8	30.0	15.0	71.8	57.6	6	161.7
Promedio :	16.2	26.3	20.3			72.4			
Absoluta :				32.6	13.0				
Total :							1161.2	149	1775.6



Estación : GABRIEL MARIA BARRIGA **Dpto. :** NORTE SANTANDER **Latitud :** 8 ° 25 ' N
Año : 1997 **Mpio. :** CONVENCION **Longitud :** 73 ° 20 ' W
Altitud : 1320 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	20.5	18.0	93.0	0.0	0.0	0.0	1.3
2	15.0	22.5	16.8	92.7	.5	0.0	.5	3.5
3	15.0	22.9	17.8	90.7	0.0	0.0	0.0	4.2
4	16.0	22.5	17.0	91.7	0.0	0.0	0.0	2.9
5	15.0	24.5	18.2	88.0	0.0	0.0	0.0	4.7
6	16.5	24.2	18.9	84.3	0.0	0.0	0.0	5.8
7	16.6	24.5	18.5	87.7	0.0	0.0	0.0	4.5
8	15.5	24.5	19.7	85.0	0.0	.2	.2	4.9
9	15.0	23.7	18.7	87.0	0.0	0.0	0.0	2.8
10	17.0	25.0	20.2	85.3	0.0	2.6	2.6	4.1
11	17.5	26.9	20.4	85.0	0.0	.9	.9	4.8
12	17.0	24.5	18.6	89.0	0.0	0.0	0.0	5.0
13	15.1	25.0	19.2	85.3	0.0	0.0	0.0	7.2
14	16.8	21.0	18.5	93.0	.5	0.0	.5	.9
15	16.0	21.5	18.0	92.0	0.0	2.4	2.4	.4
16	14.9	23.4	18.5	92.3	4.7	10.8	15.5	3.4
17	16.5	18.5	16.9	95.7	.8	0.0	.8	0.0
18	15.2	23.4	18.2	89.7	.2	0.0	.2	5.1
19	14.0	19.5	16.4	96.3	3.5	0.0	3.5	0.0
20	15.0	19.0	16.0	96.0	5.9	0.0	5.9	0.0
21	15.6	21.8	18.1	92.0	0.0	5.0	5.0	0.0
22	15.5	20.0	16.2	94.3	2.0	0.0	2.0	0.0
23	14.0	22.1	17.4	88.0	0.0	0.0	0.0	0.0
24	14.5	22.5	18.2	88.0	0.0	0.0	0.0	2.4
25	15.9	19.0	17.0	95.3	1.1	0.0	1.1	0.0
26	14.0	23.0	17 8	91.0	0.0	0.0	0.0	4.1
27	15.0	22.8	17.8	89.7	0.0	0.0	0.0	2.8
28	14.7	20.0	17.8	93.0	0.0	0.0	0.0	.1
29	15.0	23.0	17.8	87.7	0.0	0.0	0.0	3.4
30	15.2	22.5	18.0	91.3	0.0	2.5	2.5	3.3
31	16.0	23.0	17.8	91.3	.3	0.0	.3	2.7
Total :					19.5	24.4	43.9	84.3
Promedio :	15.5	22.5	18.0	90.4				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.1	22.9	18.0	88.0	0.0	.5	.5	2.5
2	16.0	21.5	18.4	89.7	0.0	0.0	0.0	.7
3	17.0	21.0	18.8	91.7	0.0	0.0	0.0	.1
4	16.0	21.5	18.8	92.0	0.0	0.0	0.0	.5
5	17.0	20.5	17.6	92.0	0.0	.6	.6	.6
6	16.0	21.0	18.1	91.3	0.0	0.0	0.0	0.0
7	16.2	21.3	18.4	91.0	0.0	0.0	0.0	0.0
8	17.0	22.0	18.9	89.7	0.0	0.0	0.0	.5
9	16.5	21.0	18.2	93.7	0.0	0.0	0.0	0.0
10	16.2	19.0	17.8	95.3	2.0	0.0	2.0	0.0
11	16.5	24.5	18.8	91.3	0.0	9.2	9.2	2.5
12	17.0	19.5	17.8	95.7	0.0	0.0	0.0	0.0
13	16.5	21.5	18.5	92.0	0.0	.7	.7	1.2
14	17.0	21.8	18.9	92.3	0.0	0.0	0.0	1.8
15	16.0	21.0	18.7	85.0	0.0	0.0	0.0	.1
16	15.0	18.0	16.7	96.3	0.0	0.0	0.0	0.0
17	15.8	19.0	17.8	92.7	0.0	1.9	1.9	0.0
18	15.9	20.0	17.2	96.0	1.7	0.0	1.7	.6
19	15.7	18.5	17.3	93.3	0.0	0.0	0.0	0.0
20	16.0	19.0	17.5	94.0	0.0	0.0	0.0	0.0
21	16.2	18.5	17.4	95.0	0.0	0.0	0.0	0.0
22	17.0	18.2	17.8	95.0	0.0	0.0	0.0	0.0
23	16.2	20.0	18.7	93.0	0.0	0.0	0.0	0.0
24	16.7	19.5	18.2	93.7	0.0	0.0	0.0	0.0
25	16.9	18.5	18.0	93.7	0.0	0.0	0.0	0.0
26	17.0	25.5	20.2	84.7	0.0	0.0	0.0	5.0
27	17.1	25.5	20.5	84.7	0.0	0.0	0.0	3.8
28	17.0	24.9	20.2	85.7	0.0	0.0	0.0	4.8
29								
30								
31								
Total :					3.7	12.9	16.6	24.7
Promedio :	16.4	20.9	18.3	91.7				

Estación : GABRIEL MARIA BARRIGA
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CONVENCION

Latitud : 8 ° 25 ' N
Longitud : 73 ° 20 ' W
Altitud : 1320 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	25.0	19.0	86.0	0.0	0.0	0.0	4.7
2	15.5	24.5	18.7	82.3	0.0	0.0	0.0	5.8
3	15.4	24.0	18.6	85.7	0.0	0.0	0.0	4.8
4	14.9	25.0	19.8	79.0	0.0	0.0	0.0	7.5
5	15.0	24.0	19.2	82.7	0.0	0.0	0.0	5.1
6	16.5	24.9	19.7	82.7	0.0	0.0	0.0	5.0
7	15.0	24.0	19.6	84.7	0.0	0.0	0.0	4.5
8	16.5	22.0	18.9	87.7	0.0	0.0	0.0	.4
9	16.0	18.0	17.2	93.7	0.0	0.0	0.0	0.0
10	16.5	21.0	18.9	91.3	0.0	0.0	0.0	0.0
11	16.5	20.8	18.4	91.3	0.0	0.0	0.0	0.0
12	15.6	26.8	20.6	84.0	2.8	0.0	2.8	5.0
13	17.5	24.5	20.2	89.7	.5	0.0	.5	.7
14	17.0	23.0	19.9	90.7	0.0	0.0	0.0	.2
15	16.9	27.0	21.5	83.7	0.0	0.0	0.0	5.3
16	17.0	21.5	18.8	91.7	0.0	2.8	2.8	0.0
17	16.9	17.5	17.1	97.0	0.0	0.0	0.0	0.0
18	16.0	22.0	18.8	93.0	0.0	.6	.6	.2
19	13.5	21.5	16.8	92.3	0.0	0.0	0.0	.3
20	13.0	25.8	19.4	80.0	0.0	0.0	0.0	7.6
21	16.0	26.7	20.2	83.7	0.0	0.0	0.0	5.8
22	15.6	27.0	20.0	81.7	0.0	0.0	0.0	4.8
23	15.5	26.0	20.2	78.7	0.0	0.0	0.0	7.3
24	15.0	25.5	19.5	79.3	0.0	0.0	0.0	8.0
25	15.0	24.8	19.0	83.3	0.0	0.0	0.0	4.7
26	14.5	26.5	19.9	75.0	0.0	0.0	0.0	6.8
27	15.0	25.0	19.6	85.3	0.0	6.6	6.6	1.8
28	15.0	23.0	17.4	88.7	2.3	0.0	2.3	2.5
29	14.8	24.0	19.0	86.0	0.0	0.0	0.0	5.0
30	14.5	26.0	19.8	81.0	0.0	0.0	0.0	6.5
31	15.0	27.5	20.7	78.3	0.0	0.0	0.0	5.0
Total :					5.6	10.0	15.6	115.3
Promedio :	15.6	24.0	19.2	85.5				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	26.0	20.3	80.3	0.0	0.0	0.0	5.8
2	16.5	25.0	19.5	80.3	0.0	0.0	0.0	7.0
3	15.5	25.5	20.0	81.7	0.0	0.0	0.0	7.3
4	16.5	25.0	20.4	83.3	0.0	0.0	0.0	3.4
5	17.2	22.6	19.8	89.7	0.0	.3	.3	.3
6	16.5	18.0	17.2	96.0	0.0	0.0	0.0	0.0
7	16.3	21.0	18.8	93.3	0.0	0.0	0.0	0.0
8	17.0	22.5	19.0	91.3	0.0	0.0	0.0	.6
9	17.1	20.3	18.7	93.7	0.0	0.0	0.0	0.0
10	17.0	21.5	18.5	93.7	0.0	0.0	0.0	0.0
11	16.5	20.0	18.4	94.3	0.0	0.0	0.0	0.0
12	16.8	24.5	20.5	86.3	0.0	0.0	0.0	1.2
13	15.6	27.0	21.4	83.0	0.0	0.0	0.0	4.7
14	18.0	26.0	21.2	86.3	0.0	0.0	0.0	2.2
15	18.5	26.5	21.6	84.7	0.0	0.0	0.0	4.7
16	17.5	27.0	21.8	82.7	0.0	0.0	0.0	2.0
17	18.0	27.5	21.6	82.3	0.0	0.0	0.0	2.6
18	17.6	28.5	20.3	85.0	1.1	0.0	1.1	1.3
19	16.7	25.0	20.2	88.3	0.0	5.7	5.7	1.9
20	17.0	25.5	19.8	91.0	4.8	.1	4.9	1.5
21	17.7	26.0	20.4	87.7	24.4	0.0	24.4	3.8
22	16.0	26.4	20.7	79.3	.2	.3	.5	4.1
23	17.5	28.0	20.8	86.3	10.8	3.9	14.7	0.0
24	18.0	27.9	22.0	83.3	0.0	6.9	6.9	4.6
25	17.8	26.0	21.0	86.0	0.0	.6	.6	4.0
26	18.0	25.0	20.8	88.3	.7	0.0	.7	1.2
27	18.1	24.8	20.9	87.7	0.0	0.0	0.0	3.7
28	17.8	26.5	21.2	84.7	0.0	0.0	0.0	6.3
29	16.2	27.8	21.8	82.7	0.0	0.0	0.0	6.4
30	16.5	28.0	21.9	83.0	0.0	0.0	0.0	5.8
31								
Total :					42.0	17.8	59.8	86.4
Promedio :	17.0	25.0	20.3	86.5				

Estación : GABRIEL MARIA BARRIGA
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CONVENCION

Latitud : 8 ° 25 ' N
Longitud : 73 ° 20 ' W
Altitud : 1320 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	27.5	22.2	76.3	0.0	0.0	0.0	3.9
2	16.5	28.0	22.0	80.0	.2	0.0	.2	7.2
3	18.0	24.5	21.0	86.3	0.0	0.0	0.0	.6
4	17.5	26.5	21.6	85.3	0.0	0.0	0.0	4.8
5	18.0	25.0	21.3	87.7	0.0	0.0	0.0	1.0
6	18.5	24.5	20.6	90.3	0.0	0.0	0.0	1.1
7	17.8	23.5	20.6	88.3	0.0	0.0	0.0	0.0
8	18.0	27.0	22.1	85.3	0.0	0.0	0.0	2.7
9	17.0	27.8	21.8	85.7	0.0	0.0	0.0	2.4
10	18.0	28.0	21.3	80.7	3.2	0.0	3.2	2.4
11	16.5	23.0	19.8	90.3	0.0	0.0	0.0	0.0
12	16.6	28.5	21.1	85.7	0.0	0.0	0.0	3.2
13	16.0	28.1	21.2	81.0	0.0	0.0	0.0	8.8
14	17.2	26.5	21.5	85.7	0.0	10.4	10.4	4.2
15	18.5	26.0	21.0	88.0	0.0	0.0	0.0	2.3
16	18.0	27.5	21.7	85.7	9.8	.1	9.9	4.5
17	18.0	26.5	21.8	87.0	0.0	0.0	0.0	3.1
18	17.8	26.5	22.0	85.0	0.0	0.0	0.0	5.2
19	17.0	27.0	21.8	84.0	0.0	0.0	0.0	5.4
20	19.0	26.5	21.5	88.3	0.0	0.0	0.0	4.4
21	19.0	27.0	21.0	86.0	0.0	0.0	0.0	2.4
22	17.5	28.0	21.8	84.0	1.1	0.0	1.1	3.1
23	18.0	24.0	20.8	93.7	0.0	0.0	0.0	.4
24	18.5	28.0	22.8	80.0	0.0	0.0	0.0	6.4
25	17.8	27.2	21.8	82.7	0.0	8.2	8.2	1.1
26	18.2	27.5	21.7	82.0	2.1	11.3	13.4	1.2
27	17.5	27.5	22.4	76.7	0.0	0.0	0.0	4.8
28	18.5	27.5	22.0	80.7	.6	3.1	3.7	4.0
29	18.0	26.5	20.3	85.0	0.0	0.0	0.0	.9
30	17.5	25.5	20.8	88.0	0.0	.3	.3	2.0
31	17.0	29.0	22.2	85.7	0.0	1.1	1.1	4.7
Total :					17.0	34.5	51.5	98.2
Promedio :	17.8	26.6	21.5	84.9				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.8	22.0	85.7	12.0	.7	12.7	5.3
2	16.4	28.5	20.8	84.3	18.4	0.0	18.4	4.2
3	17.5	27.5	21.0	84.7	13.6	5.5	19.1	5.1
4	18.0	25.5	21.1	82.0	0.0	0.0	0.0	1.1
5	17.8	26.2	21.0	88.7	0.0	.2	.2	4.9
6	18.5	27.0	21.6	83.3	6.1	.5	6.6	4.7
7	18.0	26.0	21.4	87.0	4.2	4.3	8.5	3.2
8	17.0	24.0	19.4	94.3	7.2	1.0	8.2	3.1
9	16.5	21.0	18.6	93.3	0.0	0.0	0.0	0.0
10	17.0	26.0	21.4	83.7	0.0	0.0	0.0	8.0
11	18.0	27.5	22.0	83.3	0.0	0.0	0.0	6.8
12	18.0	26.8	21.4	83.0	0.0	0.0	0.0	5.1
13	18.5	26.5	20.0	95.0	3.9	0.0	3.9	1.3
14	17.0	28.5	21.6	85.7	0.0	1.1	1.1	7.1
15	18.5	27.5	22.0	85.3	0.0	0.0	0.0	6.7
16	17.0	25.0	21.0	83.3	0.0	0.0	0.0	4.0
17	17.5	26.0	20.7	86.0	0.0	0.0	0.0	5.0
18	18.0	26.0	21.0	86.7	.3	2.7	3.0	4.7
19	17.5	24.5	20.2	93.7	0.0	0.0	0.0	1.2
20	17.0	27.8	21.0	87.7	0.0	0.0	0.0	4.5
21	18.0	25.0	20.9	88.7	0.0	.5	.5	.7
22	17.5	26.0	20.3	90.3	0.0	0.0	0.0	2.7
23	17.5	28.2	22.0	85.0	0.0	.1	.1	5.3
24	18.5	23.5	20.3	87.7	0.0	0.0	0.0	.2
25	16.5	22.0	19.7	93.3	0.0	13.8	13.8	.6
26	16.0	24.4	19.4	89.0	0.0	3.3	3.3	.8
27	17.5	24.0	20.0	86.7	.2	0.0	.2	1.0
28	18.0	23.5	20.4	89.7	0.0	0.0	0.0	.7
29	16.5	26.5	21.2	86.3	0.0	.1	.1	7.1
30	17.5	27.0	21.0	86.7	0.0	3.7	3.7	4.6
31								
Total :					65.9	37.5	103.4	109.7
Promedio :	17.5	25.9	20.8	87.3				

Estación : GABRIEL MARIA BARRIGA **Dpto. : NORTE SANTANDER** **Latitud : 8 ° 25 ' N**
Año : 1997 **Mpio. : CONVENCION** **Longitud : 73 ° 20 ' W**
Altitud : 1320 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	26.5	21.2	84.3	0.0	0.0	0.0	6.7
2	17.0	27.0	21.6	81.7	0.0	0.0	0.0	7.0
3	16.0	26.0	21.0	84.7	0.0	0.0	0.0	3.7
4	15.6	27.8	21.0	78.7	0.0	0.0	0.0	7.3
5	14.0	27.0	20.7	80.7	0.0	0.0	0.0	7.7
6	16.0	26.0	20.4	87.3	0.0	0.0	0.0	4.9
7	15.0	27.1	20.2	84.7	0.0	.1	.1	7.5
8	17.5	25.0	20.1	89.7	.3	0.0	.3	3.3
9	17.0	27.0	21.1	89.0	0.0	.1	.1	4.8
10	16.5	29.0	20.5	85.0	5.3	.1	5.4	7.4
11	17.5	22.0	19.7	91.7	0.0	0.0	0.0	.4
12	17.1	27.0	21.0	86.0	0.0	0.0	0.0	3.3
13	15.0	28.8	21.4	78.3	0.0	0.0	0.0	10.3
14	16.0	29.9	23.2	69.3	0.0	0.0	0.0	7.4
15	15.5	29.5	22.2	70.3	0.0	.8	.8	7.6
16	16.5	29.7	21.4	80.0	0.0	0.0	0.0	8.8
17	18.0	29.5	21.9	83.0	0.0	10.4	10.4	6.2
18	16.5	24.5	20.6	87.3	0.0	0.0	0.0	5.0
19	18.5	28.0	21.9	83.3	0.0	0.0	0.0	3.9
20	17.0	28.0	22.2	73.3	0.0	0.0	0.0	5.9
21	16.5	29.2	22.2	71.3	0.0	0.0	0.0	7.9
22	17.0	29.5	22.0	73.7	0.0	0.0	0.0	8.1
23	16.0	28.5	22.4	73.3	0.0	0.0	0.0	10.2
24	15.5	30.0	22.6	68.0	0.0	0.0	0.0	10.4
25	15.4	29.8	23.0	63.3	0.0	0.0	0.0	9.6
26	16.0	30.1	22.4	75.7	0.0	0.0	0.0	8.9
27	16.5	31.0	22.7	69.3	0.0	1.3	1.3	10.2
28	16.5	26.7	19.4	84.0	23.4	.6	24.0	1.0
29	16.5	27.5	21.5	77.0	0.0	13.1	13.1	8.8
30	16.4	25.5	20.4	87.7	0.0	.2	.2	5.3
31	17.6	27.0	21.5	85.3	0.0	0.0	0.0	3.1
Total :					29.0	26.7	55.7	202.6
Promedio :	16.4	27.7	21.4	79.9				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.5	22.3	81.7	0.0	.1	.1	9.3
2	15.3	28.0	21.5	84.7	0.0	5.8	5.8	7.9
3	17.0	27.5	22.0	80.0	0.0	0.0	0.0	7.4
4	18.0	28.0	21.6	80.7	0.0	0.0	0.0	8.6
5	16.0	29.5	22.4	72.3	0.0	0.0	0.0	7.8
6	16.5	28.5	21.8	72.3	0.0	0.0	0.0	9.1
7	15.8	28.6	22.3	70.3	0.0	0.0	0.0	8.6
8	15.3	29.5	22.8	66.0	0.0	0.0	0.0	10.2
9	17.5	28.5	21.4	76.0	0.0	0.0	0.0	5.7
10	16.5	29.0	21.9	82.0	0.0	0.0	0.0	9.4
11	17.0	27.5	22.3	82.3	0.0	8.6	8.6	7.2
12	17.5	28.0	21.1	86.7	0.0	1.2	1.2	5.7
13	16.5	27.5	20.8	85.3	0.0	0.0	0.0	3.0
14	15.0	28.5	21.0	84.0	0.0	2.2	2.2	8.5
15	15.3	26.5	20.6	85.0	0.0	0.0	0.0	6.7
16	15.7	25.8	20.3	88.0	0.0	0.0	0.0	5.4
17	17.0	25.0	19.8	88.3	0.0	0.0	0.0	5.7
18	16.0	28.5	21.5	81.7	1.6	0.0	1.6	6.9
19	18.0	28.0	21.2	84.0	2.4	.1	2.5	5.8
20	17.0	29.0	22.0	80.0	0.0	0.0	0.0	10.5
21	18.5	30.5	23.3	78.7	0.0	0.0	0.0	8.7
22	16.0	28.5	21.6	83.7	0.0	0.0	0.0	6.4
23	15.6	30.0	22.0	79.7	0.0	0.0	0.0	9.3
24	17.0	28.5	21.8	82.7	0.0	0.0	0.0	8.4
25	18.0	27.5	21.6	87.3	0.0	0.0	0.0	3.5
26	17.5	30.0	22.5	78.7	0.0	0.0	0.0	6.2
27	18.0	30.2	23.3	68.3	0.0	0.0	0.0	6.8
28	16.5	32.0	23.0	70.0	0.0	0.0	0.0	10.2
29	16.0	31.0	22.4	72.0	0.0	0.0	0.0	7.1
30	17.5	30.9	22.6	71.3	0.0	0.0	0.0	8.4
31	17.2	29.8	22.6	78.3	0.0	0.0	0.0	7.1
Total :					4.0	18.0	22.0	231.5
Promedio :	16.7	28.6	21.8	79.4				

Estación : GABRIEL MARIA BARRIGA
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CONVENCION

Latitud : 8 ° 25 ' N
Longitud : 73 ° 20 ' W
Altitud : 1320 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	29.0	20.2	85.0	.4	2.2	2.6	4.4
2	16.8	27.5	21.6	83.7	0.0	0.0	0.0	3.2
3	16.0	27.0	22.0	82.3	0.0	0.0	0.0	2.9
4	15.9	28.6	22.2	76.3	0.0	0.0	0.0	6.1
5	17.0	26.0	20.6	87.3	0.0	0.0	0.0	2.9
6	17.5	27.6	21.4	83.3	2.6	5.3	7.9	3.9
7	18.0	27.0	21.0	87.0	.1	1.6	1.7	3.8
8	17.5	25.0	20.2	89.7	0.0	0.0	0.0	3.3
9	17.5	27.0	21.2	84.7	0.0	25.9	25.9	2.2
10	17.0	26.5	21.6	86.7	0.0	0.0	0.0	7.1
11	16.0	28.5	22.2	82.3	0.0	0.0	0.0	7.2
12	17.0	28.0	22.0	82.7	0.0	0.0	0.0	6.9
13	16.5	27.5	22.0	84.3	0.0	0.0	0.0	6.7
14	16.0	29.0	22.1	82.7	1.4	0.0	1.4	5.8
15	17.0	29.2	22.4	76.7	0.0	0.0	0.0	6.4
16	16.8	29.8	22.5	78.0	0.0	0.0	0.0	7.6
17	16.5	29.5	22.5	74.3	0.0	0.0	0.0	8.2
18	18.0	30.0	22.4	79.0	0.0	0.0	0.0	5.6
19	17.5	28.5	22.2	80.3	0.0	8.0	8.0	8.4
20	16.3	25.5	20.6	89.3	0.0	3.4	3.4	3.6
21	16.5	25.0	20.0	89.7	.2	0.0	.2	1.7
22	15.5	30.0	21.4	82.3	4.5	4.0	8.5	3.1
23	17.0	27.0	21.0	82.7	0.0	7.5	7.5	5.4
24	18.0	26.0	21.2	85.7	0.0	0.0	0.0	.7
25	16.5	28.4	21.5	82.0	0.0	0.0	0.0	7.0
26	18.0	28.0	22.4	82.0	0.0	2.0	2.0	4.4
27	17.0	26.8	21.0	83.3	.7	0.0	.7	2.0
28	16.0	25.8	20.8	86.0	17.6	0.0	17.6	.4
29	17.0	27.4	20.6	83.7	0.0	0.0	0.0	2.4
30	15.0	27.6	21.4	82.3	0.0	0.0	0.0	9.8
31								
Total :					27.5	59.9	87.4	143.1
Promedio :	16.8	27.6	21.5	83.2				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.0	22.1	84.3	0.0	.5	.5	4.1
2	17.8	26.5	20.4	86.3	0.0	.7	.7	1.2
3	18.0	22.5	19.2	91.3	3.4	0.0	3.4	0.0
4	16.5	27.0	21.4	86.3	.1	.2	.3	7.2
5	18.0	27.3	20.9	92.3	2.0	0.0	2.0	4.7
6	17.6	27.5	21.0	83.3	.7	0.0	.7	6.4
7	17.0	28.0	21.2	84.7	0.0	0.0	0.0	6.2
8	16.0	28.5	21.5	78.0	0.0	0.0	0.0	6.6
9	16.5	28.2	21.8	79.0	0.0	0.0	0.0	8.4
10	17.5	28.5	21.3	82.0	0.0	.2	.2	4.5
11	17.0	28.0	21.2	80.0	.4	.1	.5	6.1
12	18.0	26.4	21.2	82.3	0.0	0.0	0.0	2.2
13	17.5	26.5	20.4	83.3	.4	1.5	1.9	7.3
14	17.0	28.5	21.9	73.7	0.0	11.5	11.5	8.1
15	17.2	24.5	19.9	84.7	0.0	0.0	0.0	3.0
16	16.5	30.0	22.3	74.7	.2	.6	.8	8.0
17	18.5	28.0	22.0	83.0	0.0	.9	.9	6.8
18	19.0	25.0	20.8	87.7	.4	3.4	3.8	6.8
19	17.5	25.0	20.8	89.7	0.0	0.0	0.0	3.2
20	18.0	26.5	21.3	86.3	0.0	.9	.9	3.3
21	18.5	24.0	20.7	91.0	.3	2.2	2.5	.8
22	16.5	26.0	20.8	87.7	0.0	0.0	0.0	3.0
23	19.0	22.0	20.2	92.7	0.0	0.0	0.0	0.0
24	17.5	27.5	21.4	87.0	0.0	0.0	0.0	5.7
25	18.6	26.5	21.0	93.0	0.0	0.0	0.0	4.4
26	18.5	25.5	21.0	92.7	0.0	0.0	0.0	2.7
27	18.0	28.0	22.0	85.7	0.0	15.1	15.1	5.8
28	16.5	24.0	20.0	93.3	0.0	0.0	0.0	2.1
29	18.0	25.5	20.7	88.3	0.0	0.0	0.0	3.7
30	17.0	27.0	20.7	88.0	0.0	.3	.3	6.8
31	18.0	27.0	21.5	87.0	0.0	1.4	1.4	4.9
Total :					7.9	39.5	47.4	144.0
Promedio :	17.6	26.6	21.1	85.8				

Estación : GABRIEL MARIA BARRIGA
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CONVENCION

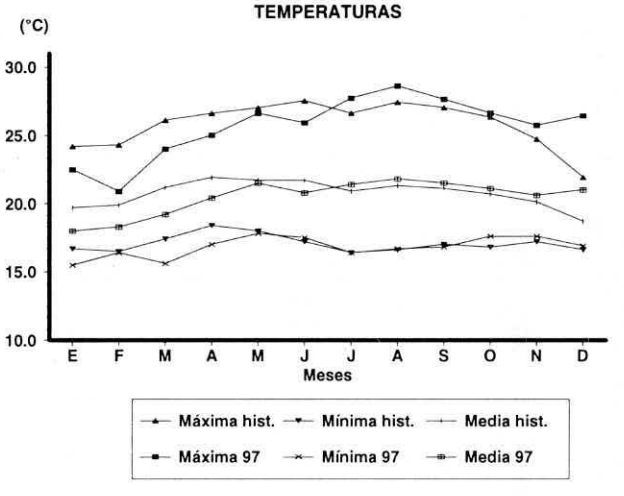
Latitud : 8 ° 25 ' N
Longitud : 73 ° 20 ' W
Altitud : 1320 m

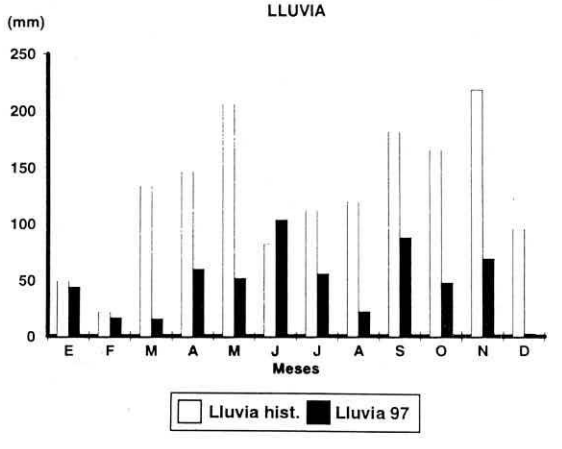
Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.5	26.5	20.3	88.7	0.0	0.0	0.0	5.1
2	16.0	28.0	21.8	85.3	0.0	0.0	0.0	8.5
3	18.0	27.0	22.4	84.7	0.0	0.0	0.0	6.0
4	19.0	26.5	21.6	85.7	0.0	0.0	0.0	3.4
5	18.0	28.5	21.8	85.0	0.0	0.0	0.0	5.4
6	19.0	26.0	21.8	87.3	0.0	4.5	4.5	2.6
7	18.0	27.0	20.4	84.3	19.2	1.1	20.3	2.4
8	17.5	23.0	19.2	87.7	0.0	0.0	0.0	.7
9	16.5	27.0	20.2	88.3	1.6	11.2	12.8	1.7
10	17.0	22.0	18.9	96.7	.4	0.0	.4	.4
11	18.0	25.5	20.6	87.7	0.0	0.0	0.0	5.3
12	19.0	25.0	20.6	87.0	0.0	.1	.1	4.8
13	18.5	26.5	21.3	88.3	0.0	4.6	4.6	6.4
14	16.5	28.5	20.8	85.3	0.0	10.9	10.9	7.4
15	15.1	25.5	19.0	83.3	.9	0.0	.9	5.8
16	17.5	24.0	20.2	86.7	0.0	6.1	6.1	3.5
17	18.0	26.0	20.6	87.0	1.3	.1	1.4	4.9
18	17.0	24.8	20.1	90.3	0.0	0.0	0.0	2.1
19	18.0	25.0	20.8	87.3	0.0	.4	.4	2.5
20	17.0	26.8	20.8	86.7	0.0	0.0	0.0	5.7
21	18.0	24.9	20.9	87.0	0.0	0.0	0.0	4.2
22	18.5	26.5	21.5	83.0	0.0	0.0	0.0	5.1
23	17.0	26.8	21.8	83.0	0.0	0.0	0.0	4.8
24	18.5	26.0	21.5	85.0	0.0	0.0	0.0	3.5
25	18.5	25.0	20.6	91.7	1.4	2.9	4.3	3.3
26	16.5	22.4	18.0	95.0	2.3	0.0	2.3	1.5
27	16.0	25.0	20.0	87.3	0.0	0.0	0.0	5.3
28	18.0	22.0	19.9	85.3	0.0	0.0	0.0	.1
29	18.5	24.5	20.5	88.3	0.0	0.0	0.0	5.9
30	16.5	27.5	21.3	84.7	0.0	0.0	0.0	7.9
31								
Total :					27.1	41.9	69.0	126.2
Promedio :	17.6	25.7	20.6	87.1				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.0	27.0	21.6	86.7	0.0	0.0	0.0	6.1
2	18.5	27.5	21.8	85.3	0.0	1.8	1.8	7.6
3	17.0	25.5	20.4	86.7	0.0	0.0	0.0	6.1
4	16.5	26.0	20.6	87.0	0.0	0.0	0.0	9.4
5	14.8	27.5	20.6	79.7	0.0	0.0	0.0	9.8
6	15.0	28.0	21.2	84.3	0.0	0.0	0.0	7.8
7	17.5	26.0	21.2	86.0	0.0	0.0	0.0	2.2
8	16.5	28.0	21.3	82.3	0.0	.5	.5	9.0
9	16.5	27.5	21.7	82.7	0.0	0.0	0.0	8.1
10	18.0	25.0	20.8	86.3	0.0	0.0	0.0	3.7
11	17.4	25.3	20.7	82.3	0.0	0.0	0.0	6.0
12	17.5	27.0	21.0	83.3	0.0	0.0	0.0	6.4
13	15.5	26.0	20.6	81.0	0.0	0.0	0.0	7.4
14	16.5	27.0	21.1	80.7	0.0	0.0	0.0	7.7
15	15.5	27.0	20.6	80.3	0.0	0.0	0.0	8.8
16	17.0	24.5	20.2	83.3	0.0	0.0	0.0	5.1
17	16.5	26.0	20.9	82.3	0.0	0.0	0.0	6.2
18	16.0	24.5	19.9	85.3	0.0	0.0	0.0	5.4
19	17.0	25.5	20.5	83.7	0.0	0.0	0.0	4.5
20	17.6	23.5	19.8	84.7	0.0	0.0	0.0	1.9
21	17.5	25.0	20.4	80.3	0.0	0.0	0.0	8.5
22	18.0	27.5	21.4	79.3	0.0	0.0	0.0	9.7
23	16.5	27.0	21.3	81.0	0.0	0.0	0.0	6.9
24	18.5	26.0	21.2	84.3	0.0	0.0	0.0	4.7
25	16.5	27.5	21.6	80.0	0.0	0.0	0.0	8.4
26	18.5	26.5	21.4	82.3	0.0	0.0	0.0	5.1
27	17.0	28.0	21.8	78.3	0.0	0.0	0.0	8.1
28	16.5	27.5	21.6	77.0	0.0	0.0	0.0	8.7
29	15.5	28.5	21.5	76.0	0.0	0.0	0.0	8.6
30	17.0	26.5	21.6	80.7	0.0	0.0	0.0	5.3
31	17.5	23.5	19.4	87.0	0.0	.1	.1	3.0
Total :					0.0	2.4	2.4	206.2
Promedio :	16.9	26.4	21.0	82.6				

Estación : GABRIEL MARIA BARRIGA **Dpto. :** NORTE SANTANDER **Latitud :** 8 ° 25 'N
Año : 1997 **Mpio. :** CONVENCION **Longitud :** 73 ° 20 'W
Altitud : 1320 **m**

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.5	22.5	18.0	26.9	14.0	90.4	43.9	16	84.3
Febrero	16.4	20.9	18.3	25.5	15.0	91.7	16.6	7	24.7
Marzo	15.6	24.0	19.2	27.5	13.0	85.5	15.6	6	115.3
Abril	17.0	25.0	20.4	28.5	15.5	86.5	59.8	10	86.4
Mayo	17.8	26.6	21.5	29.0	16.0	84.9	51.5	10	98.2
Junio	17.5	25.9	20.8	28.5	16.0	87.3	103.4	17	109.7
Julio	16.4	27.7	21.4	31.0	14.0	79.9	55.7	10	202.6
Agosto	16.7	28.6	21.8	32.0	15.0	79.4	22.0	7	231.5
Septiembre	16.8	27.6	21.5	30.0	15.0	83.2	87.4	13	143.1
Octubre	17.6	26.6	21.1	30.0	16.0	85.8	47.4	18	144.0
Noviembre	17.6	25.7	20.6	28.5	15.1	87.1	69.0	13	126.2
Diciembre	16.9	26.4	21.0	28.5	14.8	82.6	2.4	3	206.2
Promedio :	16.8	25.6	20.5			85.4			
Absoluta :				32.0	13.0				
Total :							574.7	130	1572.2





Estación : FRANCISCO ROMERO
Año. : 1997

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

Latitud : 7 ° 45 ' N
Longitud : 72 ° - ' W
Altitud : 1000 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	25.0	20.7	86.0	1.0	2.5	3.5	1.0
2	18.0	22.9	19.2	93.7	2.9	0.0	2.9	0.0
3	15.4	25.8	20.5	85.0	0.0	7.8	7.8	4.3
4	17.0	24.9	20.0	84.0	1.8	0.0	1.8	4.3
5	16.5	26.0	20.7	84.0	1.8	13.9	15.7	5.0
6	17.5	26.8	21.0	83.7	0.0	0.0	0.0	3.2
7	16.7	26.3	21.2	84.3	0.0	0.0	0.0	4.8
8	17.9	26.2	21.0	83.0	9.0	16.8	25.8	2.7
9	17.0	25.5	20.9	83.7	0.0	5.4	5.4	.8
10	17.4	25.4	20.4	84.0	7.3	.2	7.5	1.7
11	17.0	26.0	21.4	84.7	0.0	8.1	8.1	2.0
12	18.0	22.2	19.4	90.7	33.8	0.0	33.8	0.0
13	16.9	26.6	20.8	83.0	0.0	0.0	0.0	5.1
14	15.7	23.2	19.0	93.3	.4	0.0	.4	1.6
15	17.2	25.1	20.8	87.0	1.6	4.2	5.8	2.9
16	16.9	26.4	21.4	83.7	0.0	3.4	3.4	4.5
17	16.8	23.0	19.8	88.0	6.5	0.0	6.5	.6
18	15.2	25.8	20.2	82.0	0.0	0.0	0.0	6.4
19	14.1	26.2	19.4	82.0	0.0	0.0	0.0	8.3
20	14.0	26.6	20.2	80.0	0.0	0.0	0.0	7.7
21	14.4	26.4	20.4	80.3	0.0	1.0	1.0	5.3
22	16.0	23.0	19.1	87.7	0.0	.1	.1	.7
23	17.2	26.0	20.8	82.0	0.0	0.0	0.0	4.5
24	15.8	25.5	20.4	82.7	.8	0.0	.8	3.3
25	17.2	25.2	21.0	84.0	0.0	0.0	0.0	1.7
26	17.0	25.7	21.1	82.0	0.0	.2	.2	2.7
27	17.9	27.0	21.3	80.3	0.0	0.0	0.0	6.3
28	15.0	26.5	20.8	80.7	0.0	0.0	0.0	6.6
29	16.8	24.7	20.6	83.0	0.0	.2	.2	0.0
30	16.0	26.1	20.7	79.3	0.0	0.0	0.0	4.9
31	17.8	24.0	20.6	87.7	0.0	31.7	31.7	.5
Total :					66.9	95.5	162.4	103.4
Promedio :	16.6	25.4	20.5	84.4				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	25.7	20.6	85.0	.4	2.3	2.7	3.7
2	17.4	24.4	20.2	87.0	14.4	7.3	21.7	2.0
3	18.0	26.0	19.5	85.7	.2	0.0	.2	1.5
4	16.3	26.3	21.0	81.0	1.8	20.0	21.8	2.0
5	18.0	26.2	21.1	79.0	.8	101.4	102.2	3.0
6	17.0	24.9	20.2	86.0	.7	.6	1.3	1.7
7	15.7	26.3	20.6	81.3	0.0	15.1	15.1	3.9
8	16.5	25.2	20.4	84.7	0.0	0.0	0.0	2.9
9	16.9	26.0	20.6	81.3	0.0	0.0	0.0	3.3
10	17.5	26.1	21.0	83.3	2.8	0.0	2.8	1.9
11	17.0	24.1	20.4	88.0	0.0	.9	.9	.6
12	18.0	24.0	19.8	89.0	1.8	0.0	1.8	1.7
13	16.8	25.0	20.4	84.0	1.5	0.0	1.5	1.4
14	17.0	23.1	19.8	92.0	1.1	0.0	1.1	.6
15	16.9	26.5	20.8	79.0	0.0	0.0	0.0	3.7
16	16.0	24.0	19.9	84.7	1.9	.6	2.5	.4
17	17.2	25.0	20.3	81.0	0.0	0.0	0.0	1.9
18	17.8	24.9	21.0	84.0	.1	0.0	.1	1.1
19	15.7	26.2	19.9	81.3	5.8	.5	6.3	3.7
20	16.7	25.8	20.4	79.0	0.0	0.0	0.0	3.0
21	17.8	25.2	20.8	80.0	0.0	0.0	0.0	1.7
22	18.0	25.0	20.3	82.7	0.0	0.0	0.0	1.4
23	18.5	24.8	20.8	81.7	0.0	0.0	0.0	.9
24	17.2	25.5	20.7	82.7	0.0	0.0	0.0	.7
25	16.5	23.9	20.0	83.0	0.0	0.0	0.0	0.0
26	18.0	27.0	21.0	77.3	0.0	0.0	0.0	.7
27	18.0	29.3	21.7	74.3	0.0	0.0	0.0	7.8
28	16.0	29.5	22.2	71.0	0.0	0.0	0.0	8.6
29								
30								
31								
Total :					33.3	148.7	182.0	65.8
Promedio :	17.1	25.6	20.5	82.5				

Estación : FRANCISCO ROMERO
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

Latitud : 7 ° 45 ' N
Longitud : 72 ° 47 ' W
Altitud : 1000 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	29.0	22.5	73.0	0.0	0.0	0.0	5.8
2	16.9	27.2	21.6	77.0	0.0	0.0	0.0	6.7
3	15.8	28.4	22.0	71.7	0.0	0.0	0.0	7.9
4	14.9	28.8	21.2	69.0	0.0	0.0	0.0	8.3
5	14.2	29.0	21.4	66.3	0.0	0.0	0.0	8.5
6	14.5	28.5	21.2	64.0	0.0	0.0	0.0	8.2
7	15.0	28.5	21.6	74.3	0.0	0.0	0.0	5.2
8	16.2	24.0	20.4	81.3	0.0	0.0	0.0	1.8
9	18.9	23.9	20.6	81.7	.3	0.0	.3	.2
10	17.0	26.9	22.2	73.7	0.0	.2	.2	2.2
11	17.5	26.7	22.0	79.3	.2	.1	.3	1.5
12	17.8	29.5	22.9	76.3	0.0	1.2	1.2	2.8
13	18.8	26.0	21.4	82.3	0.0	0.0	0.0	0.0
14	17.2	30.0	23.0	73.0	0.0	0.0	0.0	5.0
15	17.7	30.8	23.0	71.7	0.0	0.0	0.0	6.1
16	17.8	27.0	21.8	82.0	.6	1.7	2.3	.9
17	18.1	24.0	20.8	90.3	0.0	5.5	5.5	0.0
18	18.8	23.4	19.8	93.7	.6	3.7	4.3	.4
19	17.2	20.8	19.3	95.3	7.3	0.0	7.3	0.0
20	14.5	27.0	20.8	78.3	0.0	0.0	0.0	5.6
21	16.9	26.2	20.8	86.7	0.0	0.0	0.0	3.9
22	15.2	27.6	21.9	77.3	0.0	8.2	8.2	5.7
23	17.8	23.0	20.6	85.3	0.0	0.0	0.0	.9
24	17.0	26.1	21.5	79.0	0.0	0.0	0.0	4.4
25	18.3	25.9	21.6	83.0	.1	9.4	9.5	2.5
26	17.5	26.0	20.4	80.0	0.0	0.0	0.0	1.8
27	16.2	26.1	20.8	81.7	.5	0.0	.5	3.4
28	17.2	21.7	19.1	90.3	30.8	.1	30.9	0.0
29	16.0	26.0	20.3	84.0	.3	.2	.5	3.1
30	15.8	27.3	21.9	77.3	0.0	2.2	2.2	5.7
31	18.2	27.0	22.2	81.3	0.0	0.0	0.0	4.1
Total :					40.7	32.5	73.2	112.6
Promedio :	16.8	26.5	21.3	79.4				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.9	26.0	22.2	79.3	0.0	0.0	0.0	2.1
2	17.2	27.1	22.0	80.3	0.0	0.0	0.0	2.9
3	16.7	27.9	22.0	75.7	0.0	0.0	0.0	5.8
4	19.1	27.6	22.5	79.3	0.0	0.0	0.0	3.1
5	19.0	27.0	22.3	80.0	.1	1.1	1.2	2.2
6	19.1	22.2	20.0	93.0	.2	4.3	4.5	.1
7	18.2	24.4	21.0	86.7	.1	2.0	2.1	.6
8	19.0	24.0	21.2	90.3	.5	0.0	.5	.1
9	19.2	25.0	21.6	85.3	.5	.1	.6	0.0
10	18.5	27.0	21.9	84.7	0.0	3.2	3.2	1.2
11	19.1	25.6	22.2	85.0	.1	17.7	17.8	.3
12	18.7	28.7	21.8	79.7	0.0	0.0	0.0	3.6
13	17.9	30.0	22.7	73.7	0.0	0.0	0.0	3.3
14	17.7	30.5	22.7	70.7	0.0	0.0	0.0	6.7
15	17.2	29.8	23.0	69.3	0.0	0.0	0.0	6.4
16	16.9	30.1	22.7	73.7	0.0	0.0	0.0	5.1
17	16.5	29.0	23.2	69.3	0.0	0.0	0.0	2.4
18	17.9	30.1	21.5	78.0	69.3	2.3	71.6	4.6
19	18.0	28.3	22.2	80.3	11.4	0.0	11.4	2.2
20	17.9	25.7	21.4	85.0	.3	0.0	.3	.6
21	18.0	28.7	22.5	79.0	0.0	2.3	2.3	3.2
22	18.8	29.0	22.0	81.7	16.5	1.9	18.4	4.8
23	18.2	27.8	21.1	81.3	39.1	4.5	43.6	3.0
24	18.3	29.2	23.1	79.7	.5	1.3	1.8	4.3
25	19.0	26.4	21.8	84.7	0.0	.1	.1	1.9
26	18.0	27.0	22.0	85.3	.2	0.0	.2	2.5
27	17.6	25.9	21.0	86.3	0.0	0.0	0.0	4.0
28	18.7	28.5	22.0	78.7	0.0	0.0	0.0	6.1
29	18.0	30.7	23.1	73.3	0.0	0.0	0.0	7.3
30	17.0	30.0	22.6	77.0	0.0	0.0	0.0	3.6
31								
Total :					138.8	40.8	179.6	94.0
Promedio :	18.1	27.6	22.0	80.2				

Estación : FRANCISCO ROMERO
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

Latitud : 7 ° 45 ' N
Longitud : 72 ° 47 ' W
Altitud : 1000 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.0	29.0	23.2	76.0	0.0	0.0	0.0	3.7
2	17.5	31.4	23.5	66.7	0.0	0.0	0.0	8.0
3	18.3	26.0	20.9	89.7	.3	0.0	.3	.4
4	18.5	31.5	23.5	69.0	0.0	.2	.2	6.0
5	18.0	30.4	22.6	75.7	0.0	0.0	0.0	3.9
6	19.0	29.1	22.8	78.3	0.0	0.0	0.0	2.7
7	17.9	26.8	21.8	79.0	0.0	0.0	0.0	.2
8	17.5	30.0	23.2	74.7	0.0	0.0	0.0	7.5
9	17.9	27.5	22.4	78.0	.2	0.0	.2	2.5
10	18.5	28.5	22.7	77.0	0.0	0.0	0.0	.9
11	18.2	28.5	22.2	78.0	0.0	0.0	0.0	2.5
12	18.0	31.5	23.0	71.3	0.0	0.0	0.0	6.4
13	17.0	31.3	23.3	64.7	0.0	0.0	0.0	7.4
14	17.5	31.5	23.7	70.0	0.0	.1	.1	6.1
15	18.5	29.5	23.3	74.0	0.0	0.0	0.0	5.1
16	18.0	31.0	23.5	69.3	0.0	0.0	0.0	5.5
17	19.0	31.1	24.4	68.7	0.0	0.0	0.0	8.4
18	18.5	32.7	23.7	71.0	0.0	0.0	0.0	7.8
19	17.5	28.5	22.8	73.0	0.0	0.0	0.0	3.0
20	19.8	26.8	22.4	79.3	.1	0.0	.1	.8
21	18.2	30.5	22.6	78.3	.1	0.0	.1	4.0
22	18.2	29.5	23.4	72.0	0.0	0.0	0.0	3.1
23	19.6	30.0	23.8	75.3	0.0	0.0	0.0	4.2
24	17.7	32.0	24.7	66.3	0.0	0.0	0.0	9.5
25	19.0	29.4	24.0	71.0	0.0	0.0	0.0	1.6
26	19.6	32.0	23.8	71.7	10.2	28.5	38.7	4.4
27	18.8	30.4	22.6	76.0	0.0	0.0	0.0	5.0
28	19.0	28.5	22.6	74.7	0.0	8.4	8.4	2.8
29	19.2	29.8	22.7	78.3	.4	0.0	.4	3.6
30	17.7	29.5	22.8	76.3	.8	2.2	3.0	3.5
31	17.9	30.9	23.5	74.0	0.0	0.0	0.0	7.3
Total :					12.1	39.4	51.5	137.8
Promedio :	18.4	29.8	23.1	74.1				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	29.0	23.4	72.7	0.0	0.0	0.0	2.8
2	18.0	30.5	23.2	74.3	0.0	0.0	0.0	3.8
3	18.3	31.0	24.2	71.3	0.0	0.0	0.0	6.5
4	19.5	30.0	23.3	76.0	0.0	2.8	2.8	1.5
5	19.2	27.4	22.4	81.7	20.7	5.2	25.9	1.1
6	19.0	31.5	25.4	72.3	0.0	0.0	0.0	4.9
7	18.7	31.0	25.2	73.3	0.0	23.1	23.1	7.5
8	18.4	27.5	22.3	83.7	1.6	1.2	2.8	1.1
9	19.5	27.6	22.4	80.3	.4	0.0	.4	2.0
10	18.0	28.2	22.8	72.3	0.0	0.0	0.0	4.0
11	18.4	30.5	23.0	75.3	0.0	0.0	0.0	7.1
12	18.0	30.2	23.4	74.0	0.0	0.0	0.0	5.5
13	19.2	28.3	21.7	77.7	1.7	0.0	1.7	3.0
14	17.8	30.5	24.6	67.0	0.0	0.0	0.0	8.4
15	19.5	31.5	24.3	68.7	0.0	0.0	0.0	3.9
16	16.5	31.2	22.5	65.3	0.0	0.0	0.0	8.1
17	17.0	30.2	23.0	68.0	0.0	0.0	0.0	8.2
18	17.5	28.5	23.0	70.3	0.0	.8	.8	1.5
19	19.4	27.9	21.8	79.3	3.0	5.8	8.8	1.3
20	19.0	30.7	24.1	69.3	0.0	.7	.7	9.3
21	18.3	29.2	23.4	75.3	0.0	.9	.9	3.9
22	18.0	29.9	24.2	75.7	.2	0.0	.2	5.9
23	18.3	31.3	24.1	72.3	0.0	0.0	0.0	5.7
24	18.5	26.5	21.6	77.7	10.1	3.0	13.1	1.5
25	18.4	25.5	20.8	93.0	4.6	1.9	6.5	.5
26	18.0	25.2	21.5	85.0	.2	0.0	.2	.4
27	18.1	29.5	23.0	76.0	0.0	3.4	3.4	4.3
28	18.2	29.2	22.8	76.0	0.0	0.0	0.0	7.8
29	17.0	30.2	23.4	71.0	0.0	.4	.4	7.8
30	18.0	28.6	22.4	79.3	.4	.3	.7	3.9
31								
Total :					42.9	49.5	92.4	133.2
Promedio :	18.3	29.3	23.1	75.1				

Estación : FRANCISCO ROMERO
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

Latitud : 7 ° 45 ' N
Longitud : 72 ° 47 ' W
Altitud : 1000 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	30.0	23.6	71.3	0.0	0.0	0.0	7.6
2	17.5	31.0	22.8	76.3	.8	0.0	.8	7.6
3	18.4	30.5	23.0	72.0	0.0	0.0	0.0	4.9
4	18.0	30.6	23.0	69.3	0.0	0.0	0.0	4.9
5	17.0	30.1	22.2	69.7	.2	0.0	.2	2.4
6	18.0	31.2	23.3	72.3	2.1	0.0	2.1	5.9
7	17.5	28.5	23.0	73.0	0.0	0.0	0.0	5.7
8	18.8	29.5	22.9	70.7	0.0	0.0	0.0	2.9
9	18.2	30.0	22.8	73.3	.3	0.0	.3	3.2
10	17.5	28.8	22.3	77.0	2.2	0.0	2.2	2.0
11	17.5	26.0	20.8	85.3	1.9	0.0	1.9	.9
12	18.4	29.1	23.2	74.0	0.0	0.0	0.0	5.4
13	17.3	31.8	24.8	63.7	0.0	0.0	0.0	9.7
14	19.8	30.0	23.4	72.7	0.0	0.0	0.0	6.5
15	17.5	29.5	23.2	71.0	0.0	0.0	0.0	3.5
16	18.4	30.5	23.6	65.7	0.0	0.0	0.0	7.9
17	17.5	31.2	23.7	71.0	0.0	1.9	1.9	4.6
18	18.5	27.0	22.4	79.0	0.0	0.0	0.0	1.3
19	19.0	31.3	23.6	68.0	0.0	.1	.1	7.8
20	18.3	30.2	23.3	71.7	0.0	0.0	0.0	5.8
21	17.2	30.9	22.6	77.0	.5	0.0	.5	4.0
22	18.6	29.2	22.7	71.7	0.0	0.0	0.0	6.8
23	17.5	30.0	23.0	70.0	.1	0.0	.1	4.7
24	17.0	30.4	22.0	73.0	0.0	0.0	0.0	6.2
25	17.1	31.7	23.0	67.0	0.0	0.0	0.0	8.8
26	18.5	31.5	24.4	63.7	0.0	0.0	0.0	9.3
27	17.3	31.2	23.8	67.0	1.3	2.4	3.7	7.4
28	19.2	26.3	22.0	83.3	.2	0.0	.2	.4
29	17.4	31.4	24.6	64.0	0.0	2.1	2.1	7.6
30	20.0	27.3	21.8	83.0	.7	0.0	.7	1.1
31	17.9	30.5	22.0	75.3	.1	2.5	2.6	4.6
Total :					10.4	9.0	19.4	161.4
Promedio :	18.0	29.9	23.0	72.3				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	31.0	23.2	70.3	0.0	0.0	0.0	7.9
2	17.8	30.3	23.4	68.0	.2	.3	.5	5.8
3	17.7	30.4	24.8	60.3	0.0	0.0	0.0	6.0
4	18.4	30.9	23.3	70.3	0.0	0.0	0.0	8.0
5	19.2	30.3	22.8	70.7	0.0	0.0	0.0	5.2
6	18.6	30.0	22.3	73.0	.1	0.0	.1	3.5
7	17.2	30.5	23.2	65.0	0.0	0.0	0.0	7.1
8	17.2	30.5	23.2	66.3	0.0	1.0	1.0	5.9
9	18.5	30.3	23.3	69.3	0.0	2.3	2.3	5.1
10	18.1	31.1	22.9	70.3	0.0	0.0	0.0	7.8
11	18.4	32.0	24.0	63.7	0.0	0.0	0.0	7.2
12	18.9	30.0	23.3	70.0	0.0	0.0	0.0	2.8
13	18.5	26.5	21.9	79.3	1.9	0.0	1.9	1.4
14	18.0	30.5	23.4	66.7	0.0	0.0	0.0	5.3
15	19.0	30.5	23.2	72.0	.2	0.0	.2	2.0
16	18.5	32.3	24.4	65.3	0.0	0.0	0.0	6.0
17	19.8	29.5	23.3	68.0	.7	0.0	.7	3.7
18	18.3	29.0	22.6	72.3	0.0	0.0	0.0	3.6
19	17.3	29.5	22.4	77.0	.4	0.0	.4	2.7
20	17.9	32.4	23.3	63.3	0.0	.9	.9	7.4
21	18.0	32.0	23.5	70.3	0.0	0.0	0.0	7.9
22	18.6	29.8	22.8	71.0	1.6	0.0	1.6	2.9
23	17.0	32.8	23.3	66.7	0.0	0.0	0.0	8.1
24	18.0	30.2	23.0	76.3	0.0	0.0	0.0	3.3
25	17.2	31.5	23.6	68.7	0.0	0.0	0.0	6.3
26	18.8	31.2	23.2	73.7	.5	0.0	.5	5.4
27	19.0	32.3	24.4	65.7	0.0	0.0	0.0	3.8
28	18.0	32.0	24.0	63.0	0.0	0.0	0.0	8.6
29	17.9	33.5	24.5	57.3	0.0	0.0	0.0	8.6
30	17.6	33.4	24.8	58.3	0.0	0.0	0.0	9.3
31	17.4	33.5	25.3	61.3	0.0	0.0	0.0	8.3
Total :					5.6	4.5	10.1	176.9
Promedio :	18.2	31.0	23.4	68.2				

Estación : FRANCISCO ROMERO
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

Latitud : 7 ° 45 ' N
Longitud : 72 ° 47 ' W
Altitud : 1000 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.2	33.5	26.4	57.7	0.0	0.0	0.0	7.6
2	20.0	30.5	24.1	63.0	0.0	0.0	0.0	2.0
3	18.9	32.2	25.2	66.0	0.0	0.0	0.0	5.7
4	17.6	31.5	23.6	76.3	5.9	0.0	5.9	6.0
5	17.8	31.0	23.6	72.7	1.9	0.0	1.9	3.0
6	19.9	28.5	23.3	80.7	0.0	.5	.5	2.0
7	18.9	31.4	23.0	78.0	32.3	9.5	41.8	2.7
8	19.4	26.5	21.4	89.7	4.9	18.4	23.3	1.1
9	19.8	29.0	22.8	80.3	14.6	24.0	38.6	3.3
10	19.0	31.0	23.8	71.3	0.0	0.0	0.0	5.0
11	17.8	30.5	23.1	72.3	0.0	0.0	0.0	6.5
12	19.0	31.0	23.6	70.3	0.0	0.0	0.0	8.6
13	18.0	31.5	23.6	64.3	0.0	0.0	0.0	7.8
14	17.8	32.0	24.1	63.7	0.0	.5	.5	7.1
15	19.0	31.8	24.0	65.7	0.0	0.0	0.0	5.5
16	17.8	32.0	24.2	63.3	0.0	0.0	0.0	6.9
17	17.5	32.2	24.7	62.7	0.0	0.0	0.0	8.2
18	18.8	32.5	24.4	64.0	0.0	0.0	0.0	7.6
19	18.6	31.0	23.0	75.0	73.6	58.9	132.5	6.4
20	19.0	29.5	23.9	74.7	0.0	3.6	3.6	5.2
21	19.5	28.6	24.0	75.3	1.0	84.8	85.8	2.0
22	18.8	30.5	24.0	77.0	0.0	7.2	7.2	3.6
23	19.8	29.8	23.4	75.3	0.0	.6	.6	2.7
24	19.2	29.0	23.0	75.0	3.9	43.5	47.4	3.1
25	19.5	30.5	23.4	76.3	0.0	0.0	0.0	7.0
26	18.5	29.5	22.8	74.3	0.0	0.0	0.0	5.5
27	18.5	31.0	24.6	70.0	0.0	0.0	0.0	5.8
28	18.9	29.3	22.9	68.3	0.0	0.0	0.0	2.1
29	18.6	30.1	24.0	69.0	0.0	64.9	64.9	5.5
30	17.2	30.0	23.7	76.3	0.0	.2	.2	6.7
31								
Total :					138.1	316.6	454.7	152.2
Promedio :	18.7	30.6	23.7	71.6				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	29.0	23.9	77.0	.1	22.1	22.2	4.8
2	20.0	28.0	22.2	81.7	40.1	1.5	41.6	2.1
3	18.5	27.0	22.2	82.0	0.0	.5	.5	.1
4	18.0	30.1	23.3	75.0	0.0	0.0	0.0	4.6
5	18.6	32.0	24.3	65.3	0.0	0.0	0.0	8.2
6	16.7	30.0	22.7	72.7	0.0	0.0	0.0	8.3
7	17.4	30.0	22.5	70.0	0.0	0.0	0.0	7.6
8	17.0	32.5	20.6	67.7	0.0	0.0	0.0	7.8
9	18.0	31.5	24.0	70.0	0.0	3.9	3.9	5.4
10	19.5	29.5	23.4	78.7	0.0	10.3	10.3	1.1
11	20.0	30.0	23.2	80.0	0.0	1.0	1.0	2.9
12	19.1	28.6	23.5	80.7	0.0	5.2	5.2	4.7
13	19.0	31.1	24.7	76.7	0.0	35.1	35.1	4.7
14	19.5	28.5	23.4	81.7	1.1	0.0	1.1	5.0
15	20.0	30.0	22.9	79.3	39.1	1.3	40.4	3.3
16	19.5	29.8	22.5	85.3	9.0	15.0	24.0	3.1
17	20.1	29.0	22.5	83.3	3.5	0.0	3.5	4.5
18	17.0	28.1	23.2	83.0	.3	.3	.6	6.1
19	19.0	28.8	23.2	80.3	0.0	0.0	0.0	4.8
20	17.8	28.9	23.4	80.7	0.0	3.9	3.9	3.9
21	19.6	28.5	21.5	85.0	13.3	0.0	13.3	4.0
22	18.0	27.9	22.6	82.0	0.0	.9	.9	4.6
23	17.9	28.8	22.0	82.3	0.0	0.0	0.0	4.8
24	17.0	31.0	23.4	75.3	0.0	0.0	0.0	8.1
25	18.2	29.9	22.8	75.0	0.0	0.0	0.0	5.9
26	18.7	29.3	22.5	79.0	.7	.6	1.3	4.6
27	18.8	29.5	23.4	77.3	0.0	1.2	1.2	5.8
28	18.6	28.2	22.8	78.3	0.0	0.0	0.0	3.5
29	17.2	26.8	21.0	81.7	3.9	0.0	3.9	2.9
30	17.9	29.5	22.9	77.0	0.0	0.0	0.0	4.0
31	17.7	29.0	22.8	77.7	0.0	2.5	2.5	4.5
Total :					111.1	105.3	216.4	145.7
Promedio :	18.5	29.4	22.9	78.1				

Estación : FRANCISCO ROMERO
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

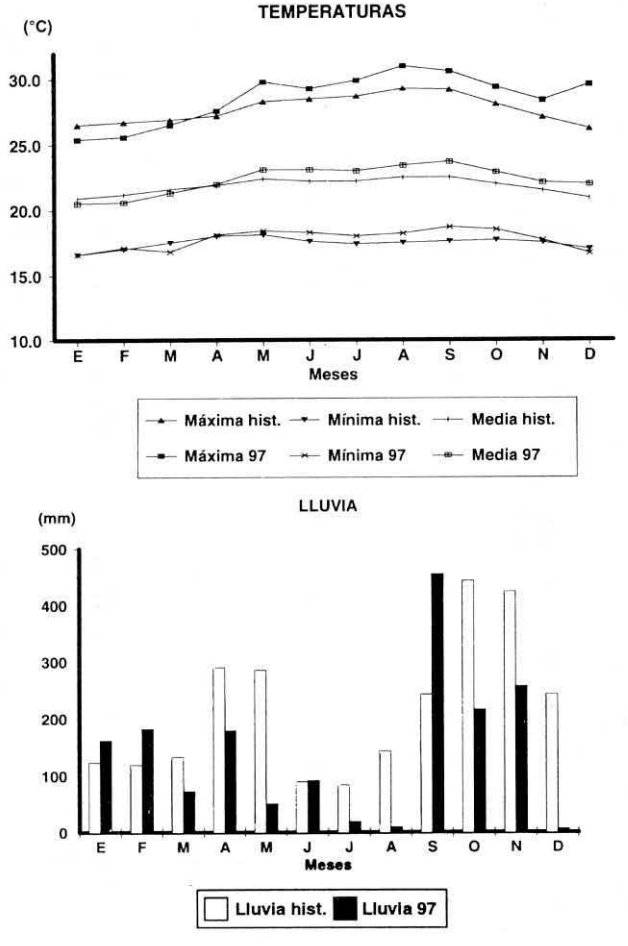
Latitud : 7 ° 45 ' N
Longitud : 72 ° 47 ' W
Altitud : 1000 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	28.0	21.4	79.0	0.0	0.0	0.0	2.7
2	16.5	30.5	23.1	73.7	0.0	0.0	0.0	7.9
3	18.0	30.8	23.4	75.7	0.0	0.0	0.0	7.1
4	18.4	27.8	22.1	78.7	0.0	0.0	0.0	.7
5	18.0	30.0	23.1	78.0	0.0	0.0	0.0	2.0
6	18.5	30.0	22.6	79.3	0.0	.1	.1	4.1
7	19.2	28.5	22.1	83.7	3.0	10.8	13.8	1.5
8	18.1	25.0	20.6	86.7	.2	0.0	.2	.1
9	17.5	27.8	21.8	83.0	0.0	0.0	0.0	3.4
10	18.0	25.4	21.5	87.0	0.0	0.0	0.0	1.8
11	17.5	30.0	23.1	73.7	0.0	0.0	0.0	2.7
12	17.0	28.8	22.5	76.7	0.0	0.0	0.0	5.8
13	16.5	28.5	22.1	78.3	.3	13.6	13.9	4.1
14	17.7	28.0	21.6	82.0	14.4	38.7	53.1	3.0
15	17.0	27.3	20.9	84.0	0.0	.1	.1	6.1
16	15.8	25.5	21.1	86.7	7.6	10.2	17.8	5.0
17	17.5	27.9	21.3	84.3	69.2	49.0	118.2	4.1
18	18.0	26.8	21.8	85.7	0.0	0.0	0.0	5.0
19	17.8	29.3	22.6	79.3	1.9	5.6	7.5	5.1
20	19.0	26.5	21.5	82.0	0.0	6.2	6.2	1.9
21	17.4	29.8	21.7	80.3	0.0	0.0	0.0	6.0
22	16.8	30.0	22.3	74.7	0.0	0.0	0.0	8.9
23	16.6	29.7	22.1	77.0	0.0	0.0	0.0	7.5
24	18.2	29.5	22.8	78.7	0.0	0.0	0.0	5.0
25	17.5	29.3	23.3	78.3	0.0	0.0	0.0	5.1
26	19.4	24.5	20.8	91.3	4.4	.8	5.2	.1
27	17.8	27.6	22.4	82.3	0.0	0.0	0.0	5.1
28	19.0	28.2	22.5	82.0	.3	17.9	18.2	5.2
29	17.5	30.0	21.7	80.0	0.0	0.0	0.0	4.1
30	17.3	31.0	23.6	77.0	0.0	3.2	3.2	7.6
31								
Total :					101.3	156.2	257.5	128.7
Promedio :	17.7	28.4	22.1	80.6				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	29.2	23.0	80.7	0.0	0.0	0.0	5.0
2	18.6	30.6	24.2	76.0	0.0	0.0	0.0	7.3
3	15.8	30.5	21.5	76.7	0.0	0.0	0.0	7.4
4	16.8	28.0	20.9	79.7	0.0	0.0	0.0	6.6
5	16.5	30.2	21.8	73.3	0.0	0.0	0.0	3.2
6	17.6	29.9	21.8	80.0	0.0	0.0	0.0	5.3
7	18.8	26.0	21.3	85.3	0.0	0.0	0.0	1.2
8	17.5	31.0	23.0	73.3	0.0	0.0	0.0	6.9
9	17.0	31.4	23.4	74.7	0.0	5.8	5.8	8.2
10	18.0	29.5	23.3	77.0	0.0	.3	.3	6.9
11	17.7	30.0	21.8	75.7	0.0	0.0	0.0	5.7
12	17.1	29.8	22.6	73.3	0.0	0.0	0.0	8.1
13	15.8	30.1	21.2	70.7	0.0	0.0	0.0	8.3
14	17.5	30.3	23.9	66.7	0.0	0.0	0.0	7.5
15	16.8	27.5	21.8	75.3	0.0	0.0	0.0	3.3
16	17.5	29.8	23.6	70.0	0.0	.1	.1	5.1
17	19.0	29.5	23.5	75.0	0.0	0.0	0.0	6.8
18	17.5	28.4	22.6	77.3	0.0	.7	.7	4.0
19	18.1	26.6	21.9	81.3	0.0	0.0	0.0	.9
20	16.7	29.5	21.2	78.0	0.0	0.0	0.0	4.4
21	16.3	29.6	22.5	70.0	0.0	0.0	0.0	5.2
22	16.5	30.5	21.2	71.7	0.0	0.0	0.0	8.5
23	15.5	30.0	21.1	72.7	0.0	0.0	0.0	8.1
24	15.6	30.4	21.2	77.7	0.0	0.0	0.0	8.1
25	15.1	30.1	21.0	72.7	0.0	0.0	0.0	8.5
26	15.0	29.0	20.8	78.7	0.0	0.0	0.0	7.3
27	13.4	30.2	20.8	68.0	0.0	0.0	0.0	8.5
28	13.7	30.0	20.4	71.0	0.0	0.0	0.0	8.4
29	14.5	31.0	21.2	77.0	0.0	0.0	0.0	6.4
30	16.5	30.5	22.3	75.0	0.0	0.0	0.0	5.4
31	16.4	27.0	21.8	81.0	0.0	0.0	0.0	3.4
Total :					0.0	6.9	6.9	189.9
Promedio :	16.7	29.6	22.0	75.3				

Estación : FRANCISCO ROMERO **Dpto. :** NORTE SANTANDER **Latitud :** 7 ° 45 'N
Año : 1997 **Mpio. :** SALAZAR **Longitud :** 72 ° 47 'W
Altitud : 1000 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.6	25.4	20.5	27.0	14.0	84.4	162.4	20	103.4
Febrero	17.1	25.6	20.6	29.5	15.7	82.5	182.0	15	65.8
Marzo	16.8	26.5	21.3	30.8	14.2	79.4	73.2	14	112.6
Abril	18.1	27.6	22.0	30.7	16.5	80.2	179.6	16	94.0
Mayo	18.4	29.8	23.1	32.7	17.0	74.1	51.5	10	137.8
Junio	18.3	29.3	23.1	31.5	16.5	75.1	92.4	17	133.2
Julio	18.0	29.9	23.0	31.8	17.0	72.3	19.4	15	161.4
Agosto	18.2	31.0	23.4	33.5	17.0	68.2	10.1	11	176.9
Septiembre	18.7	30.6	23.7	33.5	17.2	71.6	454.7	15	152.2
Octubre	18.5	29.4	22.9	32.5	16.7	78.1	216.4	20	145.7
Noviembre	17.7	28.4	22.1	31.0	15.8	80.6	257.5	13	128.7
Diciembre	16.7	29.6	22.0	31.4	13.4	75.3	6.9	4	189.9
Promedio :	17.8	28.6	22.3			76.8			
Absoluta :				33.5	13.4				
Total :							1706.1	170	1601.6



Estación : BLONAY
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

Latitud : 7 ° 34 ' N
Longitud : 72 ° 37 ' W
Altitud : 1235 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	23.0	18.8	90.0	0.0	0.0	0.0	0.0
2	16.3	20.5	17.4	95.7	2.0	.9	2.9	.2
3	14.0	24.5	18.6	86.0	.1	13.5	13.6	3.7
4	15.7	23.8	18.8	86.7	0.0	0.0	0.0	4.9
5	15.9	23.7	19.2	86.0	0.0	.1	.1	3.9
6	16.0	22.5	19.0	87.3	.1	.3	.4	.4
7	14.9	25.0	19.8	87.3	0.0	.6	.6	4.6
8	16.0	23.5	19.0	89.7	2.0	9.6	11.6	2.1
9	16.2	22.1	18.7	89.0	1.9	2.7	4.6	.2
10	17.0	22.0	18.6	93.7	7.9	.7	8.6	.3
11	16.0	24.3	19.6	88.0	0.0	11.1	11.1	1.6
12	16.5	20.5	17.9	93.0	.3	0.0	.3	0.0
13	15.2	24.6	18.8	85.7	0.0	0.0	0.0	5.0
14	14.7	23.0	18.0	93.7	1.7	0.0	1.7	1.5
15	14.9	24.0	19.0	87.0	0.0	0.0	0.0	3.6
16	15.1	24.1	19.4	86.7	10.2	6.3	16.5	3.1
17	15.2	20.3	17.4	92.3	0.0	.2	.2	.6
18	13.9	24.1	18.5	86.0	0.0	0.0	0.0	6.5
19	13.7	24.0	18.2	84.7	0.0	0.0	0.0	6.1
20	13.0	24.5	18.5	84.0	.2	0.0	.2	5.6
21	13.2	23.6	18.0	87.0	1.4	8.4	9.8	3.8
22	15.0	23.2	17.8	91.0	0.0	.4	.4	2.0
23	15.9	23.1	18.8	88.3	0.0	0.0	0.0	3.4
24	15.2	23.9	18.7	87.7	6.5	0.0	6.5	5.1
25	15.1	23.1	18.8	89.0	0.0	0.0	0.0	1.5
26	16.7	24.0	18.9	87.7	0.0	0.0	0.0	3.3
27	15.5	24.1	18.9	85.3	0.0	0.0	0.0	6.6
28	14.0	23.9	19.2	87.0	0.0	0.0	0.0	5.3
29	15.0	22.9	19.0	86.7	0.0	0.0	0.0	2.6
30	14.6	24.0	18.9	86.3	0.0	0.0	0.0	2.7
31	16.0	21.9	18.6	87.7	0.0	1.5	1.5	.3
Total :					34.3	56.3	90.6	90.5
Promedio :	15.3	23.3	18.7	88.3				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.1	23.1	18.8	87.3	0.0	4.5	4.5	2.0
2	16.0	22.3	18.5	91.3	4.0	.1	4.1	2.5
3	16.0	24.4	17.6	92.7	.7	0.0	.7	2.4
4	14.8	25.0	19.9	84.7	1.2	2.2	3.4	4.0
5	16.0	23.8	19.8	87.7	0.0	5.8	5.8	2.8
6	15.8	23.4	19.4	87.3	0.0	0.0	0.0	2.3
7	14.3	25.9	19.8	81.0	0.0	0.0	0.0	4.4
8	15.2	25.7	19.6	83.7	.1	0.0	.1	2.5
9	15.8	24.3	19.3	86.7	0.0	1.5	1.5	2.0
10	16.2	24.2	20.0	84.0	1.3	0.0	1.3	2.2
11	16.3	23.0	19.7	85.7	0.0	.1	.1	1.2
12	17.0	23.2	19.2	86.0	7.3	0.0	7.3	.9
13	15.8	23.9	18.7	90.3	.6	0.0	.6	1.1
14	15.9	21.5	18.3	92.3	1.5	0.0	1.5	.4
15	15.4	25.0	19.1	83.7	0.0	0.0	0.0	3.2
16	14.9	24.2	19.0	85.3	0.0	0.0	0.0	3.3
17	16.0	24.5	19.5	82.0	0.0	0.0	0.0	1.3
18	15.9	25.0	19.8	83.3	.1	0.0	.1	3.8
19	13.4	25.8	19.5	78.0	0.0	0.0	0.0	6.4
20	13.8	25.3	19.3	79.0	0.0	0.0	0.0	4.6
21	14.9	26.0	19.7	81.3	0.0	0.0	0.0	5.6
22	16.3	25.5	20.0	82.7	0.0	0.0	0.0	4.0
23	17.0	22.9	19.4	85.7	0.0	0.0	0.0	.1
24	16.9	23.5	19.0	84.7	0.0	0.0	0.0	.9
25	15.5	21.5	18.4	90.3	0.0	0.0	0.0	0.0
26	16.5	23.0	19.2	91.3	.5	0.0	.5	.3
27	16.0	29.5	20.7	74.7	0.0	0.0	0.0	5.9
28	13.8	28.0	20.3	74.7	0.0	0.0	0.0	8.3
29								
30								
31								
Total :					17.3	14.2	31.5	78.4
Promedio :	15.6	24.4	19.3	84.9				

Estación : BLONAY
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

Latitud : 7 ° 34 ' N
Longitud : 72 ° 37 ' W
Altitud : 1235 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	27.8	20.5	77.7	0.0	0.0	0.0	6.3
2	13.5	25.8	19.5	80.0	0.0	0.0	0.0	7.0
3	13.6	27.0	20.0	76.0	0.0	0.0	0.0	8.1
4	11.8	27.5	19.2	71.7	0.0	0.0	0.0	7.4
5	11.5	28.0	19.8	71.3	0.0	0.0	0.0	7.9
6	12.0	27.5	19.7	69.7	0.0	0.0	0.0	7.1
7	12.5	27.0	19.4	76.7	0.0	0.0	0.0	5.5
8	16.0	24.0	19.6	82.3	0.0	0.0	0.0	2.1
9	16.8	24.5	19.8	83.0	1.0	0.0	1.0	1.4
10	16.6	25.5	20.4	80.0	0.0	0.0	0.0	1.3
11	17.0	27.5	20.8	77.7	0.0	0.0	0.0	2.7
12	16.0	28.5	21.0	80.7	.3	.5	.8	1.1
13	16.5	24.5	19.8	86.3	1.9	0.0	1.9	0.0
14	16.0	28.4	21.4	79.3	0.0	0.0	0.0	4.7
15	15.5	28.5	21.0	78.7	0.0	0.0	0.0	5.6
16	16.7	27.0	20.8	80.3	0.0	10.0	10.0	1.5
17	17.0	22.5	19.6	90.7	0.0	0.0	0.0	.2
18	16.9	22.0	19.1	93.3	.7	3.0	3.7	.2
19	16.2	20.5	17.8	94.7	8.4	0.0	8.4	.1
20	13.7	26.0	19.0	80.7	.3	.1	.4	3.5
21	14.5	25.5	19.7	84.0	0.0	0.0	0.0	3.8
22	14.0	26.1	19.6	83.0	0.0	3.6	3.6	3.3
23	15.5	22.2	18.4	90.7	0.0	0.0	0.0	.9
24	15.0	24.5	19.8	85.7	0.0	.1	.1	2.8
25	16.0	23.5	19.8	85.0	0.0	6.3	6.3	.9
26	15.8	24.0	19.2	82.7	0.0	0.0	0.0	1.0
27	14.5	24.0	18.7	89.3	0.0	0.0	0.0	2.8
28	15.0	21.5	18.0	90.7	0.0	0.0	0.0	.1
29	15.0	24.5	19.0	88.7	.4	0.0	.4	2.2
30	14.8	26.0	20.2	82.0	0.0	0.0	0.0	2.7
31	17.0	25.0	20.6	84.0	0.0	.3	.3	3.8
Total					13.0	23.9	36.9	98.0
Promedio :	15.1	25.4	19.7	82.5				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	25.0	20.4	85.7	0.0	0.0	0.0	2.1
2	16.5	25.5	20.4	84.7	0.0	0.0	0.0	3.0
3	13.9	25.5	19.8	84.0	0.0	0.0	0.0	5.4
4	15.8	25.5	20.3	86.7	0.0	1.1	1.1	2.2
5	17.0	25.0	19.8	90.3	.7	0.0	.7	.7
6	16.5	23.0	18.2	94.0	.8	2.7	3.5	.7
7	16.8	23.0	20.0	89.0	0.0	6.6	6.6	.2
8	17.0	22.5	19.8	94.7	0.0	0.0	0.0	.3
9	17.5	22.2	19.7	94.0	1.0	.1	1.1	0.0
10	17.0	24.0	20.2	90.0	12.3	3.7	16.0	.4
11	17.5	23.5	20.3	89.3	0.0	0.0	0.0	.1
12	17.6	27.0	20.8	80.3	0.0	0.0	0.0	4.4
13	16.0	28.0	20.6	78.0	0.0	0.0	0.0	3.3
14	15.5	28.2	21.2	78.7	0.0	0.0	0.0	3.0
15	14.5	28.5	20.9	74.0	0.0	0.0	0.0	6.5
16	15.8	29.5	21.7	77.0	0.0	0.0	0.0	4.1
17	15.5	27.0	21.4	72.7	0.0	0.0	0.0	3.3
18	17.0	28.4	22.0	77.0	0.0	1.2	1.2	3.3
19	17.0	26.0	20.8	85.0	4.8	0.0	4.8	2.0
20	16.5	23.0	19.8	89.7	1.3	0.0	1.3	.2
21	17.2	27.5	20.8	85.3	0.0	0.0	0.0	3.7
22	17.0	29.0	21.7	76.3	.3	1.6	1.9	4.5
23	17.1	26.0	20.2	90.0	60.3	5.9	66.2	2.7
24	16.5	28.5	21.8	82.7	0.0	0.0	0.0	5.4
25	17.5	24.5	21.2	87.3	.2	0.0	.2	2.0
26	17.0	25.4	21.2	86.7	.5	5.8	6.3	1.8
27	15.5	25.3	19.8	91.0	0.0	0.0	0.0	4.2
28	16.6	27.5	21.1	82.0	0.0	0.0	0.0	6.1
29	15.5	30.3	21.6	74.3	0.0	0.0	0.0	8.7
30	15.2	28.2	20.2	76.7	0.0	0.0	0.0	2.9
31								
Total					82.2	28.7	110.9	87.2
Promedio :	16.4	26.1	20.6	84.2				

Estación : BLONAY
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

Latitud : 7 ° 34 ' N
Longitud : 72 ° 37 ' W
Altitud : 1235 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	27.8	20.8	73.3	0.0	0.0	0.0	3.9
2	17.0	29.8	21.3	65.3	0.0	.6	.6	8.2
3	17.4	23.0	18.9	92.0	1.1	0.0	1.1	.5
4	17.0	29.2	21.0	70.7	0.0	0.0	0.0	6.3
5	16.3	28.5	21.3	76.0	0.0	0.0	0.0	2.7
6	17.7	27.0	21.2	78.7	0.0	0.0	0.0	2.4
7	16.2	26.4	20.2	80.0	0.0	0.0	0.0	.4
8	15.6	29.4	22.3	74.7	0.0	0.0	0.0	8.2
9	17.2	27.4	21.2	79.7	0.0	0.0	0.0	3.2
10	17.4	26.0	21.0	79.3	0.0	0.0	0.0	1.2
11	17.2	26.1	20.2	82.7	7.2	0.0	7.2	1.5
12	16.5	28.8	20.8	77.0	.2	0.0	.2	7.2
13	15.6	30.2	21.8	67.0	0.0	0.0	0.0	8.1
14	16.2	29.5	22.0	65.7	0.0	0.0	0.0	6.6
15	16.0	30.1	23.9	63.3	0.0	0.0	0.0	7.6
16	15.3	29.5	21.4	72.0	0.0	0.0	0.0	4.3
17	16.5	30.2	22.4	69.3	0.0	.1	.1	7.1
18	17.3	30.0	23.9	43.7	0.0	0.0	0.0	7.5
19	16.8	26.4	21.8	64.7	0.0	0.0	0.0	2.1
20	17.8	23.5	20.1	87.7	0.0	0.0	0.0	.3
21	17.3	29.5	22.0	75.7	0.0	0.0	0.0	4.4
22	17.0	28.2	22.1	75.3	0.0	.6	.6	4.5
23	17.5	27.5	21.6	76.7	0.0	0.0	0.0	4.1
24	16.5	31.5	23.4	65.3	0.0	0.0	0.0	9.0
25	17.1	26.5	21.2	74.3	0.0	0.0	0.0	2.1
26	18.5	28.5	21.4	78.3	.7	14.2	14.9	2.8
27	17.5	27.5	20.8	79.3	0.0	0.0	0.0	1.4
28	17.3	26.4	19.4	91.0	5.0	4.5	9.5	.7
29	18.0	26.8	20.8	80.0	.3	0.0	.3	4.3
30	16.0	26.4	20.6	80.0	.7	0.0	.7	3.6
31	16.5	30.0	22.0	70.0	0.0	0.0	0.0	5.9
Total :					15.2	20.0	35.2	132.1
Promedio :	16.9	28.0	21.4	74.5				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	27.5	21.7	76.0	0.0	0.0	0.0	5.4
2	17.5	29.5	22.0	74.3	0.0	0.0	0.0	4.6
3	16.0	29.9	22.8	70.7	0.0	0.0	0.0	6.9
4	18.2	27.4	21.6	77.3	0.0	0.0	0.0	1.5
5	18.0	25.5	21.2	81.0	.6	.4	1.0	3.1
6	18.5	29.5	22.7	71.3	0.0	0.0	0.0	3.1
7	16.3	27.8	20.8	85.0	6.5	1.2	7.7	4.1
8	18.0	24.4	19.8	85.3	3.6	1.7	5.3	1.6
9	16.5	23.5	19.8	83.7	.6	0.0	.6	.9
10	16.3	27.5	20.2	79.7	2.9	.2	3.1	3.6
11	16.5	29.5	20.8	79.0	0.0	0.0	0.0	5.2
12	16.3	28.8	21.6	71.0	.2	0.0	.2	2.4
13	17.4	25.3	20.2	83.7	0.0	0.0	0.0	2.0
14	16.3	28.4	22.4	70.7	0.0	6.0	6.0	8.1
15	16.2	27.8	21.4	74.3	0.0	0.0	0.0	2.6
16	15.8	29.9	21.0	67.3	0.0	0.0	0.0	7.7
17	14.7	30.1	21.0	68.7	0.0	0.0	0.0	8.5
18	15.2	26.0	20.2	77.3	.1	1.0	1.1	1.0
19	17.0	24.0	19.5	86.0	2.0	.1	2.1	1.0
20	17.5	30.4	22.8	63.3	0.0	0.0	0.0	7.5
21	16.3	27.0	21.0	78.3	2.5	0.0	2.5	2.4
22	15.8	29.0	22.6	72.3	0.0	0.0	0.0	9.5
23	16.5	27.6	21.4	77.0	0.0	.5	.5	3.7
24	16.8	24.0	19.4	84.7	7.4	5.7	13.1	.7
25	16.5	23.5	18.6	95.7	14.6	2.4	17.0	1.1
26	15.8	22.8	19.1	91.3	.1	0.0	.1	.8
27	16.0	26.0	20.4	81.3	28.9	0.0	28.9	2.5
28	15.0	27.0	20.3	78.7	0.0	0.0	0.0	7.8
29	15.0	27.0	20.8	78.7	0.0	0.0	0.0	7.0
30	16.4	25.8	20.6	73.7	0.0	3.1	3.1	3.1
31								
Total :					70.0	22.3	92.3	119.4
Promedio :	16.5	27.1	20.9	77.9				

Estación : BLONAY
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

Latitud : 7 ° 34 ' N
Longitud : 72 ° 37 ' W
Altitud : 1235 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	29.5	22.0	70.7	0.0	0.0	0.0	8.7
2	15.9	28.8	20.9	79.3	2.3	.1	2.4	6.1
3	16.4	27.3	20.6	76.3	0.0	0.0	0.0	4.5
4	17.4	29.8	21.2	67.3	0.0	0.0	0.0	4.6
5	17.2	28.6	20.9	69.0	0.0	0.0	0.0	1.8
6	16.6	25.6	20.0	77.0	.3	.1	.4	2.2
7	16.2	25.0	20.3	79.7	0.0	.2	.2	2.2
8	16.5	25.5	20.4	81.0	.3	0.0	.3	2.2
9	17.5	26.8	20.6	81.3	2.8	.1	2.9	2.3
10	15.5	27.5	20.4	80.0	.4	0.0	.4	4.8
11	17.0	24.8	19.0	89.7	2.4	0.0	2.4	1.5
12	17.5	26.0	20.8	80.0	0.0	0.0	0.0	3.4
13	15.2	28.5	22.0	70.0	0.0	.1	.1	9.8
14	17.8	26.8	21.2	73.0	0.0	0.0	0.0	4.6
15	16.3	24.8	20.0	83.7	.5	0.0	.5	.8
16	16.4	28.0	21.1	74.7	0.0	0.0	0.0	5.9
17	16.5	27.5	21.7	74.7	.3	.3	.6	1.9
18	16.9	24.6	20.2	82.7	1.6	0.0	1.6	2.0
19	16.3	29.8	21.5	74.7	0.0	.3	.3	8.2
20	16.9	28.8	21.7	72.0	0.0	0.0	0.0	5.7
21	16.4	27.5	20.5	80.0	.1	0.0	.1	1.4
22	16.2	26.0	20.1	78.7	0.0	0.0	0.0	3.1
23	16.5	27.8	20.4	81.3	.6	0.0	.6	3.3
24	16.3	28.8	21.3	75.3	0.0	0.0	0.0	6.2
25	16.5	30.0	21.6	66.0	0.0	0.0	0.0	7.9
26	16.4	31.0	22.2	66.7	0.0	0.0	0.0	7.4
27	15.9	28.2	21.8	74.0	.7	1.0	1.7	4.2
28	17.4	22.5	19.4	90.3	2.2	0.0	2.2	0.0
29	16.0	29.1	21.1	73.0	.2	2.6	2.8	5.9
30	17.5	25.0	20.2	83.7	.5	0.0	.5	.8
31	16.5	26.0	20.2	78.0	4.0	4.7	8.7	2.5
Total :					19.2	9.5	28.7	125.9
Promedio :	16.6	27.3	20.8	76.9				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	29.0	21.0	71.3	0.0	0.0	0.0	6.2
2	17.0	27.5	21.0	77.3	.3	.2	.5	4.4
3	16.2	30.0	22.2	70.0	0.0	0.0	0.0	8.3
4	16.0	30.0	22.2	69.3	0.0	.3	.3	7.2
5	17.2	28.2	20.9	76.0	0.0	0.0	0.0	6.3
6	17.5	26.2	19.9	79.7	4.2	0.0	4.2	2.3
7	15.8	29.0	21.8	66.3	0.0	0.0	0.0	7.0
8	16.0	28.5	21.2	70.3	0.0	3.2	3.2	6.7
9	16.2	27.0	20.8	76.0	0.0	2.5	2.5	3.6
10	16.8	28.2	21.1	77.0	0.0	0.0	0.0	7.9
11	16.8	28.8	21.8	73.0	0.0	.1	.1	6.7
12	17.0	28.0	21.6	75.0	0.0	.2	.2	5.6
13	17.5	25.0	20.5	82.0	5.6	0.0	5.6	2.1
14	16.2	27.4	20.8	77.0	.5	2.5	3.0	5.2
15	16.8	27.2	18.7	94.0	8.4	0.0	8.4	3.1
16	16.0	29.0	21.1	76.0	0.0	0.0	0.0	6.1
17	17.0	26.0	19.9	82.7	.7	0.0	.7	2.5
18	16.0	27.0	19.8	78.0	10.7	0.0	10.7	5.1
19	15.8	27.4	20.2	78.3	0.0	0.0	0.0	7.9
20	16.5	31.0	22.0	66.0	0.0	6.3	6.3	5.8
21	16.5	29.0	21.5	77.3	.1	0.0	.1	6.2
22	17.5	26.0	20.8	83.3	.5	0.0	.5	1.8
23	15.5	28.4	21.4	73.7	0.0	0.0	0.0	7.0
24	16.4	27.0	21.0	76.0	0.0	0.0	0.0	1.0
25	16.0	29.8	22.8	73.7	0.0	0.0	0.0	6.8
26	17.0	30.0	22.4	71.7	0.0	0.0	0.0	3.0
27	17.0	31.0	22.8	71.0	.1	.6	.7	3.9
28	15.5	30.5	22.4	65.3	0.0	0.0	0.0	8.2
29	15.3	32.5	22.3	61.0	0.0	0.0	0.0	7.3
30	15.2	30.0	22.3	68.7	0.0	0.0	0.0	8.3
31	15.5	30.5	20.9	76.3	4.0	0.0	4.0	2.8
Total :					35.1	15.9	51.0	166.3
Promedio :	16.4	28.6	21.3	74.6				

Estación : BLONAY
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

Latitud : 7 ° 34 ' N
Longitud : 72 ° 37 ' W
Altitud : 1235 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	31.0	22.9	68.7	0.0	.8	.8	6.4
2	16.2	28.2	21.2	70.7	0.0	0.0	0.0	2.1
3	16.0	30.0	22.8	69.3	0.0	0.0	0.0	7.9
4	15.8	27.8	21.4	77.7	.1	0.0	.1	4.0
5	15.5	29.0	21.7	77.7	4.7	0.0	4.7	4.8
6	17.4	27.4	20.8	80.0	1.6	0.0	1.6	2.8
7	16.5	27.0	19.2	95.0	3.9	1.9	5.8	1.5
8	17.0	23.5	19.4	94.0	8.3	0.0	8.3	.8
9	18.0	27.5	21.5	81.3	2.2	19.0	21.2	2.7
10	17.5	30.9	22.0	70.7	0.0	0.0	0.0	5.0
11	16.0	29.0	21.0	76.3	0.0	0.0	0.0	3.1
12	16.8	28.0	21.2	76.3	.1	0.0	.1	6.4
13	15.5	30.5	21.8	71.0	0.0	0.0	0.0	6.4
14	14.0	30.0	21.3	69.3	0.0	3.0	3.0	4.4
15	16.5	29.5	21.2	72.7	0.0	0.0	0.0	4.1
16	15.7	31.8	23.0	58.7	0.0	0.0	0.0	7.1
17	16.3	31.5	22.8	65.7	0.0	.6	.6	5.8
18	17.3	28.8	21.6	72.0	0.0	.3	.3	5.0
19	16.0	30.0	22.2	74.7	0.0	0.0	0.0	2.9
20	17.8	28.0	21.8	76.7	20.2	2.0	22.2	2.6
21	17.7	26.5	21.6	79.0	.8	2.9	3.7	2.8
22	16.9	28.8	22.8	72.7	0.0	.5	.5	3.9
23	18.4	28.5	21.5	78.3	.3	.8	1.1	1.9
24	17.0	27.0	21.8	75.3	0.0	.1	.1	.9
25	17.8	31.3	23.0	70.3	0.0	0.0	0.0	4.6
26	17.0	29.2	21.8	68.3	0.0	0.0	0.0	2.3
27	16.9	31.2	22.6	67.0	0.0	0.0	0.0	5.4
28	16.1	28.0	21.0	76.0	0.0	0.0	0.0	1.0
29	16.4	28.5	21.7	66.7	0.0	1.1	1.1	3.3
30	15.5	28.0	21.3	77.0	1.5	3.6	5.1	4.4
31								
Total :					43.7	36.6	80.3	116.3
Promedio :	16.6	28.9	21.7	74.3				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.3	28.5	21.5	78.3	0.0	.1	.1	4.8
2	18.5	27.3	21.4	76.7	13.8	9.0	22.8	2.6
3	17.0	27.0	20.8	78.7	1.1	0.0	1.1	1.0
4	16.9	28.0	21.4	77.0	0.0	0.0	0.0	4.6
5	17.0	30.1	22.0	70.0	0.0	0.0	0.0	7.3
6	15.0	30.8	21.8	68.3	0.0	0.0	0.0	7.0
7	14.9	28.3	20.7	72.7	0.0	0.0	0.0	7.1
8	15.8	31.0	22.0	63.7	0.0	0.0	0.0	7.1
9	16.0	29.0	22.4	72.3	0.0	0.0	0.0	4.9
10	17.8	28.5	22.2	76.7	.5	22.1	22.6	2.8
11	18.0	27.8	21.4	81.0	0.0	0.0	0.0	4.0
12	17.8	25.2	20.8	91.7	5.2	4.8	10.0	3.4
13	17.3	27.3	21.4	79.7	2.3	.4	2.7	4.9
14	17.7	28.3	22.0	77.0	.9	0.0	.9	3.9
15	18.4	27.5	21.4	81.3	18.4	2.8	21.2	2.1
16	17.0	27.0	20.9	83.0	.4	.7	1.1	2.1
17	18.5	25.0	20.1	91.3	6.4	0.0	6.4	.7
18	16.5	25.5	20.8	85.3	.1	0.0	.1	3.8
19	17.0	25.1	20.2	87.0	1.8	0.0	1.8	3.3
20	16.0	26.5	20.8	84.7	0.0	0.0	0.0	3.9
21	16.8	26.2	20.7	83.7	14.8	0.0	14.8	4.5
22	16.2	25.5	20.5	81.3	0.0	0.0	0.0	2.9
23	16.5	27.5	20.3	81.7	0.0	0.0	0.0	4.2
24	15.3	28.8	21.7	74.3	0.0	0.0	0.0	7.6
25	16.0	28.5	20.2	86.7	.1	0.0	.1	5.2
26	16.1	26.0	19.8	90.0	2.8	0.0	2.8	3.3
27	17.0	27.5	21.4	76.3	0.0	0.0	0.0	4.2
28	17.1	26.5	20.8	79.3	1.8	0.0	1.8	3.6
29	16.0	24.9	18.8	89.7	9.8	0.0	9.8	.9
30	16.2	25.2	20.1	81.0	0.0	0.0	0.0	2.1
31	16.0	28.6	21.8	77.0	0.0	7.3	7.3	3.1
Total :					80.2	47.2	127.4	122.9
Promedio :	16.7	27.4	21.0	79.9				

Estación : BLONAY
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

Latitud : 7 ° 34 ' N
Longitud : 72 ° 37 ' W
Altitud : 1235 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	16.8	24.7	19.6	85.3	1.4	0.0	1.4	1.0
2	15.1	29.8	21.4	75.3	0.0	0.0	0.0	7.8
3	16.0	29.5	21.3	75.3	0.0	0.0	0.0	7.4
4	16.0	26.9	21.1	77.7	0.0	0.0	0.0	.6
5	16.3	28.5	21.3	76.0	0.0	0.0	0.0	3.1
6	16.2	28.2	21.2	80.0	.1	.2	.3	4.6
7	18.2	27.0	21.0	83.7	5.7	8.2	13.9	2.2
8	17.5	24.2	19.9	85.0	0.0	0.0	0.0	.7
9	17.0	25.0	20.1	87.0	3.3	0.0	3.3	2.1
10	16.9	23.5	20.5	86.3	0.0	0.0	0.0	.1
11	15.5	28.5	21.4	77.0	0.0	.1	.1	7.0
12	15.3	27.2	20.8	77.7	0.0	0.0	0.0	5.5
13	15.6	28.3	20.9	78.3	23.4	2.1	25.5	3.5
14	16.8	26.5	20.8	82.0	0.0	6.9	6.9	2.9
15	16.0	25.0	19.8	84.3	0.0	0.0	0.0	2.0
16	15.1	23.6	19.6	87.3	.1	0.0	.1	1.5
17	16.0	27.5	20.7	82.0	.5	0.0	.5	4.7
18	16.6	27.0	20.2	83.3	4.4	0.0	4.4	4.5
19	16.7	28.0	21.6	78.3	0.0	2.6	2.6	6.5
20	16.5	26.8	20.8	78.7	0.0	0.0	0.0	1.9
21	15.3	28.0	19.3	81.3	0.0	0.0	0.0	5.3
22	15.0	30.3	20.6	69.3	0.0	0.0	0.0	8.5
23	14.8	27.8	20.8	75.7	0.0	0.0	0.0	6.9
24	16.0	27.5	21.2	77.0	0.0	0.0	0.0	4.5
25	15.5	26.5	21.0	82.3	1.5	0.0	1.5	2.5
26	18.0	24.0	19.8	90.7	0.0	1.0	1.0	1.0
27	17.0	26.0	20.7	82.3	4.7	0.0	4.7	3.3
28	16.8	28.0	21.7	76.7	0.0	0.0	0.0	7.0
29	16.5	29.0	21.2	74.7	0.0	0.0	0.0	7.6
30	15.4	28.8	21.4	74.3	0.0	0.0	0.0	7.2
31								
Total :					45.1	21.1	66.2	123.4
Promedio :	16.2	27.1	20.7	80.2				

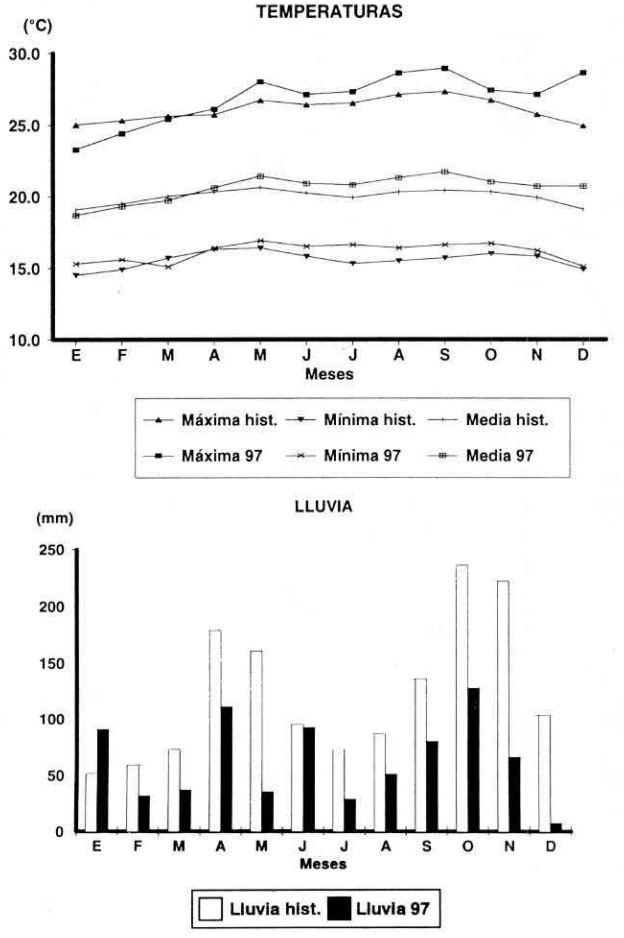
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.0	27.5	21.4	76.7	0.0	0.0	0.0	5.0
2	15.9	28.8	21.1	77.3	0.0	0.0	0.0	5.7
3	14.3	29.0	19.9	73.7	0.0	0.0	0.0	7.4
4	14.5	28.8	20.4	79.3	0.0	0.0	0.0	6.7
5	15.0	29.0	20.0	74.0	0.0	0.0	0.0	7.7
6	16.7	25.9	20.0	79.7	0.0	.4	.4	3.4
7	17.0	23.0	19.0	93.3	1.6	0.0	1.6	1.6
8	15.8	29.0	21.3	75.7	0.0	0.0	0.0	6.9
9	15.0	29.2	20.1	77.3	4.5	0.0	4.5	4.5
10	14.5	28.0	20.6	77.3	0.0	0.0	0.0	6.6
11	15.1	28.2	20.4	71.3	0.0	0.0	0.0	7.7
12	15.5	28.3	20.4	67.7	0.0	0.0	0.0	7.3
13	13.5	28.6	19.6	69.0	0.0	0.0	0.0	7.8
14	14.5	28.5	21.8	66.7	0.0	0.0	0.0	7.4
15	15.8	26.5	20.6	71.7	0.0	0.0	0.0	3.2
16	15.5	29.0	22.2	68.7	0.0	0.0	0.0	5.8
17	16.3	28.5	21.5	72.7	0.0	0.0	0.0	7.6
18	16.5	28.0	21.0	74.7	0.0	0.0	0.0	7.6
19	17.0	25.2	21.1	77.0	0.0	0.0	0.0	2.7
20	14.5	27.5	19.7	75.0	0.0	0.0	0.0	7.9
21	12.8	28.8	21.2	65.0	0.0	0.0	0.0	7.8
22	14.8	29.8	20.2	72.3	0.0	0.0	0.0	7.9
23	14.5	31.0	20.4	67.7	0.0	0.0	0.0	8.1
24	15.0	32.0	20.6	66.3	0.0	0.0	0.0	6.6
25	15.2	31.8	21.2	60.7	0.0	0.0	0.0	7.7
26	14.0	29.8	20.6	71.7	0.0	0.0	0.0	7.0
27	13.0	31.0	20.3	58.0	0.0	0.0	0.0	8.0
28	13.5	30.0	20.5	61.7	0.0	0.0	0.0	8.1
29	14.0	30.4	21.0	66.3	0.0	0.0	0.0	7.3
30	15.5	29.0	21.6	72.0	0.0	0.0	0.0	6.4
31	16.0	27.0	20.9	78.7	.5	.2	.7	5.3
Total :					6.6	.6	7.2	200.7
Promedio :	15.1	28.6	20.7	72.2				

Estación : BLONAY
Año : 1997

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

Latitud : 7 ° 34 'N
Longitud : 72 ° 37 'W
Altitud : 1235 m

MES	TEMPERATURA °C					PRECIPITACION			
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.3	23.3	18.7	25.0	13.0	88.3	90.6	18	90.5
Febrero	15.6	24.4	19.3	29.5	13.4	84.9	31.5	14	78.4
Marzo	15.1	25.4	19.7	28.5	11.5	82.5	36.9	12	98.0
Abril	16.4	26.1	20.6	30.3	13.9	84.2	110.9	13	87.2
Mayo	16.9	28.0	21.4	31.5	15.3	74.5	35.2	10	132.1
Junio	16.5	27.1	20.9	30.4	14.7	77.9	92.3	16	119.4
Julio	16.6	27.3	20.8	31.0	15.2	76.9	28.7	19	125.9
Agosto	16.4	28.6	21.3	32.5	15.2	74.6	51.0	17	166.3
Septiembre	16.6	28.9	21.7	31.8	14.0	74.3	80.3	18	116.3
Octubre	16.7	27.4	21.0	31.0	14.9	79.9	127.4	18	122.9
Noviembre	16.2	27.1	20.7	30.3	14.8	80.2	66.2	14	123.4
Diciembre	15.1	28.6	20.7	32.0	12.8	72.2	7.2	4	200.7
Promedio :	16.1	26.9	20.6			79.2			
Absoluta :				32.5	11.5				
Total :							758.2	173	1461.1



Estación : MARACAY | **Dpto. : QUINDIO** | **Latitud : 4 ° 36 ' N**
Año : 1997 | **Mpio. : QUIMBAYA** | **Longitud : 75 ° 44 ' W**
Altitud : 1450 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	20.8	17.6	97.3	18.2	0.0	18.2	0.0
2	15.4	24.2	19.6	86.0	0.0	0.0	0.0	1.4
3	17.0	24.5	18.7	93.0	7.4	1.3	8.7	6.4
4	16.4	26.5	20.7	80.0	0.0	0.0	0.0	3.7
5	15.0	27.7	20.2	75.7	0.0	0.0	0.0	6.9
6	17.0	26.8	20.4	83.3	7.3	2.1	9.4	5.3
7	17.4	24.5	20.0	83.7	.2	0.0	.2	1.6
8	15.7	27.4	21.4	73.7	0.0	.3	.3	7.1
9	16.0	24.0	19.6	86.0	8.6	11.0	19.6	2.0
10	16.7	22.6	18.7	86.3	1.9	.5	2.4	.9
11	15.7	26.0	18.7	84.0	2.2	8.3	10.5	5.1
12	16.0	27.0	20.2	82.3	0.0	37.2	37.2	5.1
13	15.0	26.9	19.8	77.0	0.0	0.0	0.0	6.4
14	15.8	27.6	21.0	71.0	0.0	0.0	0.0	5.9
15	16.9	26.0	19.4	81.0	7.8	.2	8.0	2.9
16	16.8	24.8	20.0	84.7	0.0	.9	.9	1.5
17	16.6	23.5	19.7	84.7	2.2	35.6	37.8	1.4
18	16.5	24.8	20.0	84.7	21.1	1.0	22.1	2.1
19	16.0	26.6	20.7	75.7	0.0	29.7	29.7	6.1
20	16.4	23.5	18.5	86.0	1.1	0.0	1.1	.3
21	15.1	25.2	18.0	84.7	19.5	1.1	20.6	2.3
22	13.8	27.1	19.7	79.7	2.9	31.0	33.9	4.6
23	16.0	26.8	18.8	82.3	49.5	1.7	51.2	6.3
24	12.6	25.2	19.3	78.7	0.0	0.0	0.0	5.9
25	15.8	26.0	19.4	81.7	2.7	35.1	37.8	4.6
26	15.0	25.8	19.1	80.0	6.5	27.3	33.8	5.6
27	14.0	25.4	18.7	78.0	0.0	0.0	0.0	6.2
28	15.5	27.0	20.8	74.3	.1	.2	.3	5.6
29	16.5	26.6	20.8	78.0	0.0	0.0	0.0	4.7
30	17.0	27.0	19.5	80.7	12.3	5.0	17.3	3.9
31	16.0	25.5	20.3	81.0	.2	17.9	18.1	4.7
Total :					171.7	247.4	419.1	126.5
Promedio :	15.9	25.6	19.7	81.8				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	25.6	18.6	82.0	4.2	7.1	11.3	3.5
2	16.0	27.2	19.3	85.3	0.0	0.0	0.0	6.8
3	14.4	27.6	19.8	78.7	9.3	0.0	9.3	6.3
4	15.0	24.5	18.0	83.7	21.8	2.7	24.5	2.0
5	13.5	25.4	18.3	81.0	9.5	0.0	9.5	3.1
6	15.0	26.0	18.6	79.3	7.6	.5	8.1	6.4
7	15.2	25.0	19.2	86.3	2.8	0.0	2.8	1.6
8	15.6	25.0	19.7	83.0	0.0	.5	.5	1.8
9	14.5	25.5	20.0	82.3	0.0	.1	.1	2.6
10	16.2	24.6	19.6	84.7	.2	.1	.3	1.6
11	16.0	25.0	19.8	83.3	4.2	.7	4.9	2.1
12	17.0	25.5	20.2	83.0	8.6	.2	8.8	3.6
13	16.0	26.2	20.5	80.3	0.0	0.0	0.0	5.3
14	15.8	27.4	21.6	75.7	0.0	0.0	0.0	6.2
15	17.0	26.9	20.8	83.0	0.0	0.0	0.0	3.9
16	16.0	24.5	19.2	88.3	23.2	10.3	33.5	1.6
17	16.9	26.8	19.6	82.3	7.5	0.0	7.5	4.2
18	15.4	26.3	21.1	75.7	0.0	0.0	0.0	5.5
19	16.0	27.5	22.4	69.7	0.0	0.0	0.0	4.8
20	18.6	28.1	22.0	81.0	.4	0.0	.4	4.5
21	17.6	28.3	23.0	71.0	0.0	.4	.4	5.6
22	18.0	28.5	20.5	80.0	12.0	0.0	12.0	5.7
23	17.5	27.6	22.0	77.7	0.0	0.0	0.0	2.6
24	17.0	27.5	22.0	75.7	0.0	0.0	0.0	4.1
25	16.2	26.4	21.5	81.0	0.0	0.0	0.0	3.4
26	18.5	26.5	21.6	80.0	0.0	0.0	0.0	3.3
27	17.6	27.6	22.8	76.0	0.0	0.0	0.0	5.9
28	17.4	27.5	21.6	76.0	0.0	0.0	0.0	2.2
29								
30								
31								
Total :					111.3	22.6	133.9	110.2
Promedio :	16.3	26.4	20.5	80.2				

Estación : MARACAY
Año : 1997

Dpto. : QUINDIO
Mpio. : QUIMBAYA

Latitud : 4 ° 36 ' N
Longitud : 75 ° 44 ' W
Altitud : 1450 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	25.8	20.2	85.0	2.4	0.0	2.4	1.3
2	17.5	28.9	21.9	74.3	0.0	2.8	2.8	5.2
3	17.5	27.5	20.4	87.3	1.2	0.0	1.2	4.7
4	18.0	27.4	21.6	74.3	.3	9.3	9.6	5.2
5	16.3	24.0	19.3	86.3	34.8	0.0	34.8	1.2
6	13.6	27.0	20.5	76.0	0.0	0.0	0.0	7.7
7	14.8	28.6	21.3	75.3	0.0	0.0	0.0	8.9
8	15.5	29.0	22.0	75.7	0.0	0.0	0.0	8.5
9	17.0	28.5	23.2	74.3	0.0	0.0	0.0	8.6
10	17.5	29.5	23.4	73.0	.7	9.4	10.1	7.5
11	18.0	29.0	23.1	70.0	.5	1.6	2.1	7.3
12	17.5	28.6	21.5	81.0	.7	12.4	13.1	3.0
13	17.0	21.8	19.1	93.7	8.8	0.0	8.8	0.0
14	16.0	27.5	21.5	77.7	0.0	0.0	0.0	7.4
15	17.5	29.2	21.2	83.0	9.1	0.0	9.1	6.7
16	17.4	25.5	19.8	92.0	2.7	81.8	84.5	2.0
17	17.0	21.6	18.8	92.3	7.8	.7	8.5	0.0
18	17.2	25.5	19.8	87.0	.8	11.2	12.0	1.5
19	16.5	24.6	18.2	95.0	2.4	0.0	2.4	3.5
20	16.5	25.8	19.6	80.0	.3	3.3	3.6	2.6
21	15.8	26.0	19.4	79.7	1.1	0.0	1.1	3.5
22	15.0	27.5	20.5	74.3	0.0	0.0	0.0	9.3
23	16.8	27.8	20.6	72.0	0.0	0.0	0.0	7.0
24	14.0	28.8	22.0	62.7	0.0	0.0	0.0	9.2
25	14.5	28.2	21.4	65.0	0.0	0.0	0.0	8.6
26	16.8	28.0	22.2	66.7	0.0	.4	.4	6.8
27	15.5	28.5	20.5	69.7	0.0	0.0	0.0	7.5
28	17.0	28.0	20.6	68.0	0.0	0.0	0.0	6.4
29	16.0	27.8	21.0	66.7	0.0	0.0	0.0	5.2
30	16.2	25.5	19.2	80.0	6.2	0.0	6.2	2.2
31	15.5	27.0	19.3	80.7	23.3	3.9	27.2	4.6
Total :					103.1	136.8	239.9	163.1
Promedio :	16.4	27.0	20.7	78.0				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	23.5	18.8	93.3	1.5	0.0	1.5	1.7
2	14.5	27.4	21.2	71.7	0.0	0.0	0.0	6.6
3	16.0	28.0	21.0	74.3	0.0	.8	.8	5.5
4	17.6	24.0	20.2	83.0	.7	0.0	.7	1.5
5	16.4	27.0	21.1	77.7	0.0	2.8	2.8	5.9
6	16.5	28.0	19.8	82.0	10.5	3.0	13.5	5.8
7	16.0	27.0	20.8	76.7	0.0	0.0	0.0	4.0
8	16.8	25.8	20.6	82.0	4.3	2.2	6.5	2.0
9	17.5	27.5	21.6	79.7	3.7	.6	4.3	4.9
10	18.2	25.5	20.4	90.0	3.4	.8	4.2	.7
11	17.8	25.0	21.2	83.3	0.0	0.0	0.0	.7
12	16.5	29.0	21.0	79.0	0.0	0.0	0.0	4.5
13	18.5	27.0	20.7	83.0	0.0	0.0	0.0	2.6
14	16.0	26.5	21.2	79.7	.4	0.0	.4	2.7
15	17.0	26.5	19.8	85.3	.8	.1	.9	1.1
16	15.2	28.4	22.8	72.7	0.0	0.0	0.0	8.4
17	18.2	25.8	20.4	82.3	.4	.1	.5	2.3
18	16.2	25.5	20.4	83.0	.7	0.0	.7	1.6
19	17.8	25.0	19.5	85.7	10.9	2.2	13.1	.8
20	16.0	23.0	18.6	89.3	1.5	0.0	1.5	.5
21	17.2	23.2	19.1	86.3	10.7	5.0	15.7	.3
22	15.5	23.5	19.5	84.3	17.5	0.0	17.5	.2
23	16.5	26.5	20.4	78.3	0.0	.1	.1	3.5
24	16.2	27.0	20.6	69.3	0.0	19.1	19.1	4.0
25	16.8	22.5	18.3	91.0	15.9	0.0	15.9	0.0
26	15.0	25.7	20.2	77.7	0.0	25.3	25.3	3.0
27	16.8	26.0	19.5	84.3	22.0	1.5	23.5	4.2
28	17.0	26.2	21.6	76.7	1.7	.3	2.0	5.6
29	15.4	28.0	21.5	74.3	0.0	0.0	0.0	7.4
30	16.2	27.0	21.4	73.7	0.0	0.0	0.0	4.1
31								
Total :					106.6	63.9	170.5	96.1
Promedio :	16.6	26.0	20.4	81.0				

Estación : MARACAY
Año : 1997

Dpto. : QUINDIO
Mpio. : QUIMBAYA

Latitud : 4 ° 36 ' N
Longitud : 75 ° 44 ' W
Altitud : 1450 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	26.8	21.5	76.7	0.0	0.0	0.0	4.7
2	17.4	27.8	21.2	76.7	0.0	0.0	0.0	2.5
3	17.5	28.4	22.2	74.3	0.0	.6	.6	6.1
4	18.1	28.0	21.0	81.3	9.4	0.0	9.4	2.7
5	15.4	28.3	22.3	75.0	0.0	0.0	0.0	6.5
6	18.5	27.0	21.4	77.7	2.4	0.0	2.4	2.7
7	17.5	27.8	20.2	81.0	3.3	0.0	3.3	4.2
8	14.5	28.6	22.8	68.3	0.0	0.0	0.0	10.0
9	17.5	27.0	21.5	79.7	0.0	.1	.1	2.4
10	17.5	27.2	20.7	81.7	0.0	20.4	20.4	4.0
11	16.1	22.8	19.0	92.7	1.0	0.0	1.0	.3
12	16.0	25.4	20.6	80.7	0.0	9.5	9.5	1.3
13	17.0	26.2	19.7	85.0	27.1	0.0	27.1	2.5
14	15.5	27.5	19.6	83.3	19.9	.1	20.0	4.5
15	16.5	25.4	20.5	85.0	0.0	0.0	0.0	1.9
16	17.0	26.5	21.5	78.0	0.0	0.0	0.0	4.8
17	16.8	28.5	21.9	77.7	0.0	0.0	0.0	5.5
18	16.5	29.0	21.8	73.0	0.0	0.0	0.0	7.4
19	17.6	26.4	21.4	79.3	0.0	0.0	0.0	1.3
20	18.0	25.8	21.7	81.7	0.0	0.0	0.0	1.6
21	17.0	28.6	21.2	77.3	2.3	0.0	2.3	6.1
22	18.0	26.0	20.5	81.0	0.0	0.0	0.0	2.6
23	16.0	29.5	22.7	66.0	0.0	0.0	0.0	9.0
24	18.5	26.4	20.8	89.0	15.2	0.0	15.2	2.0
25	18.2	23.5	19.4	87.3	28.9	12.1	41.0	.1
26	17.0	23.0	19.2	90.3	.9	23.1	24.0	.1
27	16.6	26.0	20.6	82.7	0.0	0.0	0.0	4.6
28	18.2	26.0	21.4	76.3	.7	0.0	.7	2.8
29	17.0	27.4	21.1	76.7	0.0	0.0	0.0	4.2
30	16.4	25.0	19.6	84.3	52.9	0.0	52.9	1.2
31	16.5	24.0	20.1	81.7	0.0	0.0	0.0	1.1
Total					164.0	65.9	229.9	110.7
Promedio :	17.0	26.6	20.9	80.0				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	26.0	20.2	80.0	18.7	0.0	18.7	2.0
2	16.0	26.0	20.7	81.7	1.4	0.0	1.4	2.0
3	16.8	28.3	20.8	72.0	0.0	45.3	45.3	4.4
4	16.4	21.0	18.2	89.0	10.6	0.0	10.6	0.0
5	14.8	25.6	20.0	75.3	0.0	.1	.1	4.7
6	17.8	27.6	20.4	79.3	.5	44.1	44.6	3.7
7	16.0	22.2	17.6	90.0	13.3	34.8	48.1	0.0
8	14.4	23.0	17.6	84.0	2.5	0.0	2.5	.9
9	14.5	25.6	19.8	80.0	2.5	2.0	4.5	2.2
10	15.0	27.0	20.4	73.7	24.0	4.1	28.1	6.3
11	16.8	25.5	20.3	81.7	11.5	.5	12.0	5.1
12	16.0	25.9	20.3	80.7	.5	.1	.6	0.0
13	16.5	24.4	19.8	84.7	0.0	0.0	0.0	1.3
14	16.8	26.5	20.8	76.3	0.0	2.3	2.3	4.9
15	16.4	25.2	20.5	78.7	7.6	0.0	7.6	5.0
16	17.0	26.8	21.2	79.7	0.0	0.0	0.0	3.3
17	17.2	26.2	20.2	78.0	2.0	0.0	2.0	2.0
18	17.5	24.6	20.3	82.7	4.0	6.6	10.6	2.6
19	17.0	24.8	19.1	90.0	2.1	.2	2.3	2.3
20	16.8	27.5	20.1	78.3	8.3	21.8	30.1	6.6
21	15.8	27.2	21.1	75.3	0.0	0.0	0.0	7.6
22	16.0	29.0	21.9	72.0	0.0	0.0	0.0	10.3
23	16.8	27.6	20.9	81.0	3.8	0.0	3.8	4.1
24	18.0	24.6	19.8	84.7	10.7	0.0	10.7	.7
25	17.0	24.8	19.5	80.0	35.2	3.0	38.2	3.4
26	16.0	23.9	19.4	82.3	0.0	.1	.1	.9
27	15.4	27.6	19.8	77.7	0.0	0.0	0.0	5.0
28	16.0	27.4	20.3	75.0	0.0	0.0	0.0	5.4
29	16.4	27.4	20.7	75.7	0.0	2.8	2.8	5.9
30	16.0	25.9	20.8	78.7	0.0	1.3	1.3	4.4
31								
Total					159.2	169.1	328.3	107.0
Promedio :	16.4	25.8	20.1	79.9				

Estación : MARACAY
Año : 1997

Dpto. : QUINDIO
Mpio. : QUIMBAYA

Latitud : 4 ° 36 ' N
Longitud : 75 ° 44 ' W
Altitud : 1450 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	26.0	20.8	77.0	0.0	0.0	0.0	4.0
2	15.0	27.6	20.9	69.7	0.0	0.0	0.0	10.1
3	16.2	27.4	21.2	74.7	0.0	0.0	0.0	6.0
4	15.5	28.5	21.8	74.3	0.0	0.0	0.0	6.4
5	16.0	28.0	21.4	72.7	0.0	0.0	0.0	3.6
6	16.5	29.4	22.8	65.7	0.0	.2	.2	8.2
7	17.4	28.4	21.8	70.3	0.0	0.0	0.0	6.6
8	16.2	25.0	21.2	76.7	0.0	0.0	0.0	2.7
9	17.4	24.4	20.7	76.3	0.0	0.0	0.0	0.0
10	16.6	26.8	21.1	71.0	.2	0.0	.2	6.1
11	16.0	26.5	21.8	64.7	0.0	0.0	0.0	4.6
12	17.5	28.6	22.5	58.3	1.0	0.0	1.0	4.7
13	15.0	30.8	23.4	52.0	0.0	0.0	0.0	10.0
14	15.5	29.0	23.2	57.3	0.0	0.0	0.0	7.3
15	15.5	26.0	21.0	79.0	0.0	.2	.2	3.3
16	16.5	28.0	21.7	68.3	0.0	0.0	0.0	5.8
17	16.0	27.9	23.6	60.0	0.0	0.0	0.0	6.4
18	17.5	30.6	24.4	49.7	0.0	0.0	0.0	10.3
19	16.5	30.0	23.8	50.7	0.0	0.0	0.0	10.5
20	15.5	30.4	23.7	48.7	0.0	0.0	0.0	10.8
21	16.0	28.8	22.4	61.0	0.0	0.0	0.0	7.5
22	15.6	26.0	22.3	59.7	0.0	0.0	0.0	3.1
23	18.0	31.3	25.4	42.7	0.0	0.0	0.0	11.2
24	16.5	31.0	25.5	45.7	0.0	0.0	0.0	10.8
25	19.2	27.8	23.9	59.0	0.0	0.0	0.0	1.1
26	16.2	30.6	24.8	44.7	0.0	0.0	0.0	8.5
27	18.0	27.4	23.2	57.3	0.0	0.0	0.0	1.3
28	16.5	27.5	21.8	65.0	0.0	0.0	0.0	3.5
29	14.0	27.6	20.3	73.7	28.5	0.0	28.5	5.5
30	17.0	27.4	21.2	73.3	1.5	0.0	1.5	5.4
31	16.5	30.0	21.9	69.3	3.0	5.2	8.2	9.4
Total :					34.2	5.6	39.8	194.7
Promedio :	16.4	28.2	22 4	63.5				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	30.8	23.8	60.7	0.0	0.0	0.0	10.0
2	17.0	26.8	21.8	68.3	0.0	0.0	0.0	2.6
3	16.4	30.0	23.8	52.0	0.0	0.0	0.0	7.8
4	15.8	30.2	24.4	52.0	0.0	0.0	0.0	8.3
5	17.5	31.0	25.3	48.3	0.0	0.0	0.0	10.0
6	18.4	30.6	24.8	54.0	0.0	0.0	0.0	8.0
7	17.8	31.0	24.7	49.0	0.0	0.0	0.0	7.1
8	16.0	30.4	24.9	46.3	0.0	0.0	0.0	9.5
9	17.4	28.4	23.2	43.7	0.0	0.0	0.0	2.3
10	16.4	29.1	22.5	53.7	0.0	0.0	0.0	5.6
11	16.5	28.2	21.6	66.3	0.0	0.0	0.0	4.6
12	16.0	28.8	23.4	64.0	0.0	0.0	0.0	7.1
13	17.4	29.0	22.7	68.3	0.0	0.0	0.0	4.1
14	17.0	28.0	21.4	67.7	0.0	0.0	0.0	5.5
15	15.8	31.0	24.5	50.3	0.0	0.0	0.0	8.4
16	16.5	30.8	22.4	70.3	0.0	0.0	0.0	7.3
17	16.6	30.5	23.3	66.0	0.0	0.0	0.0	7.6
18	16.5	30.4	23.2	64.3	0.0	0.0	0.0	8.5
19	16.0	28.0	22.4	67.7	0.0	0.0	0.0	4.4
20	16.3	30.5	24.3	47.7	0.0	0.0	0.0	9.6
21	14.5	31.6	24.2	47.0	0.0	0.0	0.0	9.8
22	16.6	29.6	24.0	58.3	0.0	0.0	0.0	8.3
23	17.0	28.2	22.8	68.7	0.0	0.0	0.0	4.3
24	16.0	30.5	20.0	75.3	0.0	0.0	0.0	6.3
25	15.4	29.8	23.0	70.0	0.0	0.0	0.0	9.8
26	17.5	30.6	24.6	62.0	0.0	0.0	0.0	5.6
27	17.8	30.0	23.4	54.7	0.0	0.0	0.0	3.2
28	21.0	31.6	25.2	30.7	0.0	0.0	0.0	9.6
29	14.5	30.4	23.7	50.3	0.0	0.0	0.0	9.7
30	15.4	29.3	22.2	64.7	0.0	0.0	0.0	7.9
31	15.8	30.0	21.6	74.0	0.0	0.0	0.0	6.1
Total :					0.0	0.0	0.0	218.9
Promedio :	16.6	29.8	23.3	58.6				

Estación : MARACAY
Año : 1997

Dpto. : QUINDIO
Mpio. : QUIMBAYA

Latitud : 4 ° 36 ' N
Longitud : 75 ° 44 ' W
Altitud : 1450 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	28.2	20.9	78.3	0.0	0.0	0.0	2.7
2	16.5	28.0	20.8	79.3	5.5	0.0	5.5	3.9
3	15.0	26.6	21.0	71.3	0.0	0.0	0.0	6.1
4	15.5	30.4	21.7	69.3	.8	0.0	.8	9.0
5	17.2	28.0	21.4	77.3	.2	17.8	18.0	3.8
6	16.0	26.5	20.2	76.0	.5	1.0	1.5	4.6
7	17.5	25.8	20.4	81.7	3.7	8.0	11.7	4.2
8	17.0	25.0	20.7	74.0	0.0	.2	.2	2.5
9	17.1	26.5	21.4	77.3	.1	0.0	.1	2.0
10	17.0	28.0	22.7	72.0	0.0	0.0	0.0	3.0
11	17.2	28.5	22.2	70.3	0.0	0.0	0.0	5.1
12	16.5	27.3	22.4	71.7	0.0	0.0	0.0	2.5
13	17.0	29.0	22.8	66.0	0.0	0.0	0.0	5.8
14	16.5	29.1	23.1	64.7	0.0	0.0	0.0	8.4
15	16.0	30.2	24.1	61.0	0.0	0.0	0.0	8.0
16	17.2	30.0	22.8	64.7	0.0	0.0	0.0	4.0
17	16.0	28.5	23.0	68.0	0.0	0.0	0.0	7.0
18	15.0	27.6	21.6	70.7	0.0	0.0	0.0	5.4
19	16.8	26.0	21.0	76.7	1.7	0.0	1.7	3.1
20	17.5	25.5	20.3	84.0	.4	0.0	.4	2.8
21	16.0	28.9	21.2	77.3	5.8	5.7	11.5	6.2
22	17.2	25.0	19.9	83.7	3.6	2.6	6.2	1.3
23	17.1	24.9	20.3	77.3	0.0	11.0	11.0	1.7
24	16.8	25.0	19.6	84.7	20.3	8.1	28.4	1.9
25	17.2	26.7	21.0	80.3	1.3	0.0	1.3	4.1
26	18.5	26.3	20.8	80.0	.6	0.0	.6	2.3
27	16.5	26.5	21.2	72.3	0.0	0.0	0.0	3.8
28	16.4	26.0	20.4	79.3	6.2	0.0	6.2	3.3
29	15.0	27.9	22.2	66.3	0.0	0.0	0.0	9.6
30	15.5	28.5	20.6	73.3	.9	0.0	.9	7.6
31								
Total :					51.6	54.4	106.0	135.7
Promedio :	16.6	27.3	21.4	74.3				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	27.8	22.4	66.0	0.0	0.0	0.0	6.0
2	17.8	26.5	21.2	74.7	.4	.5	.9	2.6
3	17.0	24.0	20.4	84.0	0.0	.4	.4	.1
4	17.5	28.4	21.5	72.7	.8	0.0	.8	5.9
5	18.6	27.2	21.8	76.0	0.0	0.0	0.0	5.0
6	16.8	26.3	21.2	76.7	0.0	0.0	0.0	3.6
7	15.6	28.8	22.2	69.3	0.0	0.0	0.0	5.6
8	16.0	27.4	21.7	74.3	.5	0.0	.5	5.6
9	15.6	27.6	22.0	68.3	0.0	.1	.1	6.4
10	17.2	28.0	22.2	69.0	0.0	41.2	41.2	8.3
11	16.8	26.0	21.2	81.3	1.2	26.0	27.2	4.0
12	16.5	27.2	21.8	72.3	0.0	3.5	3.5	6.6
13	17.0	25.9	20.2	78.7	0.0	7.9	7.9	6.6
14	16.1	27.6	22.0	66.3	0.0	0.0	0.0	10.0
15	16.2	27.0	21.2	70.3	0.0	0.0	0.0	6.0
16	17.0	26.9	21.5	76.0	0.0	3.9	3.9	2.1
17	15.5	25.3	20.8	72.7	0.0	3.1	3.1	5.6
18	16.2	24.5	19.6	83.7	1.5	7.0	8.5	3.5
19	17.0	26.0	20.0	83.7	0.0	0.0	0.0	4.7
20	17.4	28.0	22.4	71.0	.3	5.8	6.1	7.2
21	17.0	25.9	20.6	82.0	0.0	12.2	12.2	2.5
22	17.2	25.5	20.5	84.7	5.3	0.0	5.3	3.1
23	15.0	27.6	21.6	72.3	0.0	0.0	0.0	7.8
24	17.0	27.6	21.2	76.0	2.9	0.0	2.9	5.4
25	16.8	28.0	21.6	78.0	1.2	0.0	1.2	6.5
26	17.0	28.5	23.2	70.3	0.0	0.0	0.0	5.6
27	17.4	28.0	22.2	75.0	3.0	0.0	3.0	8.2
28	17.2	25.4	21.7	80.7	0.0	0.0	0.0	1.8
29	17.4	27.0	21.4	82.3	1.9	0.0	1.9	4.5
30	17.0	28.0	21.0	76.0	1.7	0.0	1.7	5.3
31	17.1	26.7	20.2	81.0	.5	0.0	.5	3.0
Total :					21.2	111.6	132.8	159.1
Promedio :	16.8	26.9	21.4	75.7				

Estación : MARACAY
Año : 1997

Dpto. : QUINDIO
Mpio. : QUIMBAYA

Latitud : 4 ° 36 ' N
Longitud : 75 ° 44 ' W
Altitud : 1450 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	27.0	20.8	77.3	.6	0.0	.6	4.6
2	15.4	29.4	22.2	71.3	.3	0.0	.3	6.6
3	18.0	25.5	20.8	81.3	2.0	0.0	2.0	.7
4	16.8	26.0	20.0	85.0	25.6	0.0	25.6	3.0
5	16.4	28.0	21.0	80.3	6.2	.4	6.6	5.9
6	18.0	27.0	21.4	80.3	19.0	3.9	22.9	3.4
7	18.2	25.5	20.4	82.0	.3	61.9	62.2	1.4
8	17.0	21.4	17.6	97.0	35.1	.9	36.0	0.0
9	16.1	23.6	18.4	85.7	13.1	1.1	14.2	.2
10	15.8	24.9	19.4	85.7	1.2	15.3	16.5	3.5
11	17.5	25.8	20.2	79.7	20.0	.2	20.2	3.3
12	17.0	25.0	19.7	83.0	1.8	7.7	9.5	3.3
13	16.4	24.0	19.0	85.0	6.6	1.3	7.9	2.7
14	16.0	26.5	18.8	81.3	25.5	.2	25.7	3.8
15	15.5	25.4	18.8	78.0	0.0	0.0	0.0	4.9
16	15.0	26.6	19.5	79.7	0.0	1.3	1.3	5.0
17	17.5	24.5	19.6	85.0	11.5	0.0	11.5	1.0
18	16.0	27.0	20.6	80.3	7.0	0.0	7.0	4.1
19	16.8	26.7	19.8	82.7	9.7	2.7	12.4	1.7
20	16.5	26.0	20.0	84.3	1.7	0.0	1.7	2.1
21	15.8	26.8	21.0	80.0	0.0	0.0	0.0	5.0
22	17.5	28.4	22.0	76.3	0.0	0.0	0.0	5.8
23	17.2	27.7	21.0	78.0	35.4	0.0	35.4	3.9
24	17.0	26.2	21.3	79.3	2.5	38.3	40.8	4.7
25	16.5	23.0	18.7	88.0	41.9	14.1	56.0	.7
26	15.8	24.0	19.0	84.3	51.5	1.8	53.3	1.4
27	16.0	27.4	20.4	76.7	0.0	0.0	0.0	7.3
28	16.4	29.3	20.8	72.3	0.0	0.0	0.0	8.4
29	16.5	28.0	20.8	73.0	0.0	11.9	11.9	4.1
30	15.0	27.7	21.2	68.3	0.0	0.0	0.0	8.0
31								
Total					318.5	163.0	481.5	110.5
Promedio	16.5	26.1	20.1	80.7				

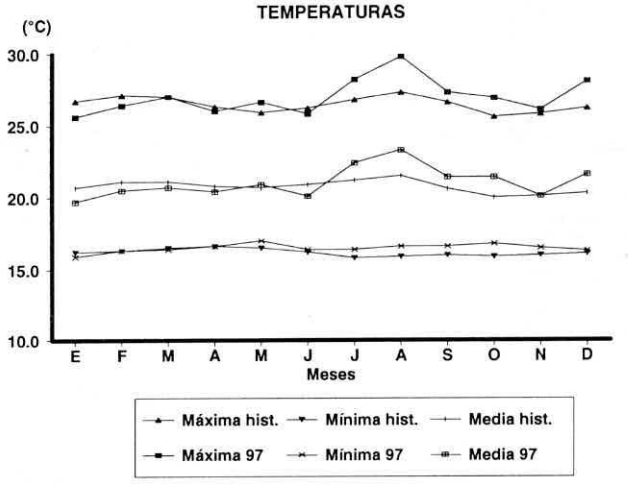
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	28.6	21.4	72.0	0.0	34.7	34.7	7.4
2	16.4	27.4	20.0	84.3	4.5	2.5	7.0	5.8
3	18.0	26.5	20.6	81.7	0.0	0.0	0.0	6.9
4	15.5	28.2	21.2	71.7	0.0	0.0	0.0	7.8
5	15.0	28.0	21.5	79.3	0.0	0.0	0.0	7.1
6	16.4	28.7	22.3	77.7	0.0	0.0	0.0	6.2
7	16.0	28.8	22.6	73.7	0.0	0.0	0.0	7.9
8	16.2	29.8	22.0	71.0	2.9	0.0	2.9	8.8
9	16.5	28.9	21.7	76.7	3.5	0.0	3.5	6.8
10	16.0	28.0	22.0	76.7	0.0	0.0	0.0	6.1
11	17.0	28.3	21.6	80.0	9.0	0.0	9.0	5.2
12	16.1	28.4	21.8	75.7	0.0	0.0	0.0	8.4
13	16.2	28.0	21.4	73.7	.3	0.0	.3	5.7
14	15.5	28.0	19.8	81.3	3.4	5.4	8.8	5.4
15	16.8	25.3	20.4	85.3	.2	0.0	.2	1.2
16	16.5	27.0	21.0	76.0	0.0	0.0	0.0	4.1
17	17.5	27.0	21.6	77.3	0.0	0.0	0.0	4.5
18	16.4	27.5	21.5	73.0	0.0	0.0	0.0	4.1
19	16.0	28.3	21.4	75.3	0.0	0.0	0.0	9.0
20	16.7	26.3	20.6	78.3	0.0	0.0	0.0	2.9
21	16.0	28.7	22.5	70.3	0.0	0.0	0.0	7.9
22	15.8	28.9	23.4	65.7	0.0	0.0	0.0	9.6
23	16.0	29.8	22.3	71.0	0.0	0.0	0.0	9.8
24	17.0	29.7	22.6	71.7	0.0	0.0	0.0	8.6
25	17.8	29.4	21.5	78.3	0.0	0.0	0.0	5.5
26	16.5	27.8	22.0	74.7	0.0	0.0	0.0	8.3
27	16.0	28.5	21.1	76.3	0.0	0.0	0.0	6.8
28	15.3	28.9	22.6	70.0	0.0	0.0	0.0	7.2
29	16.0	29.6	21.4	71.3	0.0	0.0	0.0	8.1
30	15.8	26.8	21.0	76.0	0.0	0.0	0.0	5.8
31	15.9	27.0	21.6	72.7	0.0	0.0	0.0	4.7
Total					23.8	42.6	66.4	203.6
Promedio	16.3	28.1	21.6	75.4				

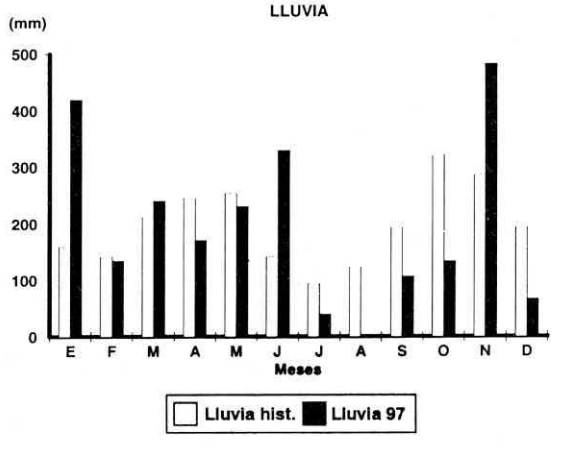
Estación : MARACAY
Año : 1997

Dpto. : QUINDIO
Mpio. : QUIMBAYA

Latitud : 4 ° 36 'N
Longitud : 75 ° 44 'W
Altitud : 1450 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.9	25.6	19.7	27.7	12.6	81.8	419.1	23	126.5
Febrero	16.3	26.4	20.5	28.5	13.5	80.2	133.9	16	110.2
Marzo	16.4	27.0	20.7	29.5	13.6	78.0	239.9	19	163.1
Abril	16.6	26.0	20.4	29.0	14.5	81.0	170.5	22	96.1
Mayo	17.0	26.6	20.9	29.5	14.5	80.0	229.9	16	110.7
Junio	16.4	25.8	20.1	29.0	14.4	79.9	328.3	24	107.0
Julio	16.4	28.2	22.4	31.3	14.0	63.5	39.8	7	194.7
Agosto	16.6	29.8	23.3	31.6	14.5	58.6	0.0	0	218.9
Septiembre	16.6	27.3	21.4	30.4	15.0	74.3	106.0	17	135.7
Octubre	16.8	26.9	21.4	28.8	15.0	75.7	132.8	21	159.1
Noviembre	16.5	26.1	20.1	29.4	15.0	80.7	481.5	24	110.5
Diciembre	16.3	28.1	21.6	29.8	15.0	75.4	66.4	8	203.6
Promedio :	16.5	27.0	21.0			75.8			
Absoluta :				31.6	12.6				
Total :							2348.1	197	1736.1





Estación : EL AGRADO **Dpto. : QUINDIO** **Latitud : 4 ° 31 ' N**
Año : 1997 **Mpio. : MONTENEGRO** **Longitud : 75 ° 47 ' W**
Altitud : 1250 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.3	22.5	18.4	96.0	10.3	0.0	10.3	0.0
2	16.5	25.0	20.3	82.3	.2	0.0	.2	2.1
3	17.0	24.5	19.9	86.3	0.0	0.0	0.0	.9
4	16.5	27.0	20.8	81.3	0.0	0.0	0.0	2.5
5	15.8	28.0	21.4	74.7	0.0	0.0	0.0	6.9
6	17.0	29.0	21.8	81.7	.1	0.0	.1	2.5
7	18.0	26.0	21.0	82.7	10.2	.2	10.4	.9
8	17.0	29.5	22.8	72.7	0.0	0.0	0.0	6.6
9	17.8	25.0	21.3	83.7	0.0	5.8	5.8	.9
10	17.5	22.0	19.2	92.7	3.5	.6	4.1	.1
11	17.0	27.4	21.1	78.0	0.0	.7	.7	5.2
12	16.8	28.0	21.4	81.3	0.0	20.2	20.2	6.1
13	15.2	28.0	20.9	79.3	0.0	0.0	0.0	7.0
14	17.0	29.0	20.6	81.0	6.9	0.0	6.9	7.9
15	17.5	27.0	20.0	82.7	18.1	.8	18.9	4.3
16	17.5	26.2	20.0	88.7	9.5	14.5	24.0	3.5
17	17.0	25.0	20.0	88.0	16.9	2.4	19.3	2.0
18	17.4	26.5	21.6	80.7	3.6	.6	4.2	3.0
19	17.0	28.0	21.4	78.0	0.0	42.1	42.1	6.0
20	16.9	24.5	19.4	85.7	4.4	.2	4.6	.4
21	16.5	26.0	19.8	82.0	1.2	.8	2.0	.9
22	15.4	28.0	21.9	80.7	2.9	6.2	9.1	5.6
23	17.0	28.1	19.8	84.0	1.0	2.5	3.5	5.9
24	14.0	27.6	21.1	82.0	0.0	2.5	2.5	6.3
25	17.2	25.5	21.0	89.3	4.0	35.9	39.9	2.3
26	16.0	26.5	21.8	85.3	.5	19.3	19.8	6.7
27	15.0	28.0	20.4	79.3	0.0	0.0	0.0	7.1
28	16.0	29.0	22.6	74.0	0.0	.8	.8	7.3
29	17.8	28.5	22.7	76.7	0.0	.9	.9	5.9
30	17.5	28.4	20.3	84.3	6.0	1.5	7.5	5.9
31	17.2	25.0	20.2	83.3	0.0	10.8	10.8	4.9
Total :					99.3	169.3	268.6	127.6
Promedio :	16.8	26.7	20.8	82.5				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	26.0	19.8	73.0	.7	9.3	10.0	3.9
2	18.0	27.0	21.9	79.3	0.0	0.0	0.0	4.6
3	15.5	29.0	22.2	76.7	0.0	.5	.5	6.9
4	15.2	27.0	18.6	82.0	53.7	0.0	53.7	2.2
5	15.0	27.0	19.0	82.7	.2	0.0	.2	6.1
6	15.0	28.0	20.0	84.0	1.3	13.2	14.5	7.7
7	17.0	25.5	19.5	89.0	0.0	0.0	0.0	3.1
8	16.0	27.0	20.2	88.0	0.0	0.0	0.0	2.3
9	15.5	27.5	21.6	82.7	.2	3.8	4.0	2.0
10	17.5	26.5	21.4	85.3	0.0	0.0	0.0	1.0
11	18.5	26.8	20.6	85.7	2.0	.1	2.1	2.5
12	17.5	28.0	22.6	82.3	0.0	.2	.2	4.1
13	16.5	29.0	23.2	77.7	0.0	0.0	0.0	8.2
14	16.0	28.7	23.2	78.3	0.0	0.0	0.0	5.0
15	18.5	29.0	22.6	82.3	3.1	3.6	6.7	3.4
16	18.8	26.0	20.8	88.7	16.8	6.3	23.1	1.2
17	17.5	30.0	20.8	81.3	13.1	.7	13.8	7.7
18	16.0	28.5	22.6	76.3	0.0	0.0	0.0	4.5
19	17.0	29.0	23.8	76.0	0.0	0.0	0.0	5.1
20	19.0	30.0	24.0	79.0	0.0	0.0	0.0	4.8
21	17.5	30.5	23.7	78.7	0.0	0.0	0.0	6.5
22	19.0	30.5	24.8	81.7	0.0	0.0	0.0	6.1
23	18.0	28.5	22.8	83.7	0.0	0.0	0.0	2.9
24	17.5	30.0	22.6	78.7	0.0	0.0	0.0	4.7
25	17.9	28.0	22.2	83.0	0.0	.4	.4	1.3
26	19.0	28.5	23.9	81.0	0.0	0.0	0.0	2.9
27	17.5	30.0	24.6	77.7	0.0	0.0	0.0	5.2
28	18.0	29.5	22.4	80.7	0.0	0.0	0.0	2.4
29								
30								
31								
Total :					91.1	38.1	129.2	118.3
Promedio :	17.2	28.3	21.9	81.3				

Estación : EL AGRADO **Dpto. : QUINDIO** **Latitud : 4 ° 31 ' N**
Año : 1997 **Mpio. : MONTENEGRO** **Longitud : 75 ° 47 ' W**
Altitud : 1250 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	27.5	21.8	84.7	.3	0.0	.3	1.4
2	17.5	31.0	23.3	77.3	0.0	8.5	8.5	7.7
3	19.0	30.0	22.4	87.0	1.0	0.0	1.0	3.8
4	19.5	29.8	23.8	80.0	0.0	10.1	10.1	4.5
5	18.2	24.2	20.8	85.7	9.8	0.0	9.8	.2
6	13.5	29.9	22.1	81.0	0.0	0.0	0.0	8.9
7	14.5	30.0	21.7	79.3	0.0	0.0	0.0	9.1
8	15.0	29.0	21.9	80.7	0.0	0.0	0.0	8.4
9	16.0	28.8	23.1	73.3	0.0	0.0	0.0	7.4
10	16.2	30.3	23.0	75.3	0.0	0.0	0.0	7.7
11	17.9	30.6	24.8	75.7	0.0	0.0	0.0	6.9
12	17.2	29.9	22.5	82.3	0.0	33.1	33.1	2.2
13	18.2	23.8	20.0	92.3	8.9	0.0	8.9	.4
14	17.0	29.6	22.5	81.3	0.0	0.0	0.0	6.0
15	18.0	31.0	22.0	81.7	1.0	0.0	1.0	8.2
16	17.4	26.6	20.8	95.3	8.0	65.2	73.2	1.3
17	17.9	22.8	19.7	89.7	8.5	0.0	8.5	0.0
18	18.0	26.0	20.6	86.7	13.2	9.6	22.8	1.5
19	16.6	25.0	19.4	93.0	.3	0.0	.3	3.4
20	16.2	26.8	21.2	85.7	1.0	4.1	5.1	3.8
21	15.8	28.0	20.1	80.7	0.0	0.0	0.0	6.2
22	14.0	28.6	22.2	80.0	0.0	0.0	0.0	8.4
23	17.2	29.0	21.8	78.0	0.0	0.0	0.0	7.7
24	15.0	30.5	22.5	74.0	0.0	0.0	0.0	10.4
25	15.4	30.0	22.2	74.0	0.0	0.0	0.0	9.2
26	18.0	29.6	22.5	76.0	0.0	0.0	0.0	7.0
27	16.2	30.0	22.5	77.7	0.0	0.0	0.0	7.2
28	16.6	29.4	22.2	75.3	0.0	0.0	0.0	8.2
29	15.2	29.5	22.3	78.0	0.0	0.0	0.0	5.1
30	16.8	27.0	20.4	87.0	0.0	0.0	0.0	1.2
31	15.2	29.4	20.2	82.3	5.8	.7	6.5	5.4
Total :					57.8	131.3	189.1	168.8
Promedio :	16.6	28.5	21.8	81.6				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	25.8	20.2	88.0	1.6	0.0	1.6	1.8
2	15.0	29.0	22.7	76.0	0.0	0.0	0.0	7.7
3	16.2	30.0	20.8	82.7	.2	1.5	1.7	6.4
4	18.4	27.8	22.0	87.7	.3	0.0	.3	3.4
5	17.6	29.2	23.4	79.3	0.0	0.0	0.0	5.8
6	17.0	31.0	20.6	82.3	48.8	.5	49.3	6.7
7	16.8	29.0	22.4	79.7	0.0	0.0	0.0	6.8
8	17.2	28.5	21.9	82.3	2.6	0.0	2.6	3.5
9	17.8	29.4	23.4	81.3	3.1	39.4	42.5	5.5
10	18.5	27.0	20.4	92.0	16.5	.7	17.2	1.4
11	18.0	27.0	22.8	83.3	0.0	0.0	0.0	1.2
12	16.6	30.0	22.0	82.7	1.1	0.0	1.1	5.7
13	18.0	29.2	21.0	86.7	.7	0.0	.7	2.8
14	16.0	29.0	22.0	81.0	.1	0.0	.1	3.8
15	17.5	29.8	20.3	84.3	40.6	0.0	40.6	3.5
16	15.0	30.0	23.5	76.7	0.0	11.2	11.2	0.0
17	19.0	25.8	20.8	88.7	3.0	1.6	4.6	.8
18	16.4	27.0	21.0	86.3	.7	2.6	3.3	2.3
19	17.8	26.2	20.3	88.0	21.3	2.0	23.3	2.5
20	17.0	24.0	20.0	89.0	1.3	3.5	4.8	.6
21	18.0	24.8	20.1	88.3	4.0	15.4	19.4	1.3
22	17.0	23.6	19.8	91.0	10.7	0.0	10.7	1.4
23	17.2	27.8	21.4	83.3	0.0	1.4	1.4	4.6
24	16.7	27.6	22.1	85.7	0.0	9.4	9.4	0.0
25	17.0	22.4	19.0	94.0	10.3	0.0	10.3	.1
26	15.5	26.6	22.2	84.3	.1	43.3	43.4	4.2
27	17.4	27.0	20.6	86.7	11.1	.1	11.2	5.0
28	17.6	28.2	22.1	83.0	0.0	0.0	0.0	5.4
29	15.8	29.4	23.0	80.0	0.0	0.0	0.0	8.0
30	16.2	29.1	22.5	80.3	0.0	0.0	0.0	5.2
31								
Total :					178.1	132.6	310.7	107.4
Promedio :	17.0	27.7	21.5	84.5				

Estación : EL AGRADO
Año : 1997

Dpto. : QUINDIO
Mpio. : MONTENEGRO

Latitud : 4 ° 31 ' N
Longitud : 75 ° 47 ' W
Altitud : 1250 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	27.8	22.2	81.7	0.0	0.0	0.0	4.1
2	17.0	28.2	23.3	81.7	0.0	0.0	0.0	3.0
3	17.1	29.0	23.1	83.3	0.0	.4	.4	6.5
4	18.5	28.0	21.5	84.7	0.0	0.0	0.0	2.3
5	15.0	29.0	24.0	78.0	0.0	0.0	0.0	7.1
6	18.6	28.4	23.3	80.3	0.0	0.0	0.0	1.6
7	17.4	30.0	20.9	83.7	1.3	0.0	1.3	4.5
8	14.4	30.4	23.8	76.3	0.0	0.0	0.0	9.7
9	17.6	28.0	22.2	82.7	.9	2.8	3.7	2.6
10	17.8	28.4	21.8	84.0	.3	29.9	30.2	5.3
11	16.5	24.0	20.6	89.7	1.0	0.0	1.0	0.0
12	17.0	27.0	20.6	86.0	0.0	6.0	6.0	1.4
13	16.9	28.6	20.6	85.0	0.0	0.0	0.0	4.0
14	15.4	28.0	20.4	84.7	13.9	0.0	13.9	4.7
15	17.1	26.4	21.6	86.0	0.0	0.0	0.0	2.2
16	16.9	27.8	22.5	83.7	0.0	0.0	0.0	6.4
17	17.0	29.8	23.0	81.7	0.0	0.0	0.0	6.2
18	17.1	30.0	21.2	84.7	28.1	0.0	28.1	7.0
19	18.0	29.0	23.0	84.3	0.0	0.0	0.0	1.1
20	18.2	27.4	22.8	85.0	0.0	0.0	0.0	.7
21	17.6	30.5	21.8	82.3	9.9	3.3	13.2	7.2
22	18.6	26.8	21.8	86.7	.1	0.0	.1	2.7
23	17.8	30.0	24.0	80.7	0.0	0.0	0.0	8.3
24	18.6	28.8	23.0	82.7	0.0	0.0	0.0	3.7
25	17.9	25.0	21.0	89.0	1.8	4.1	5.9	0.0
26	18.0	24.0	20.4	91.0	5.7	42.3	48.0	0.0
27	17.0	28.0	21.3	87.7	0.0	0.0	0.0	3.8
28	18.4	26.4	22.0	84.7	0.0	0.0	0.0	.6
29	16.6	29.0	22.2	83.3	1.0	0.0	1.0	4.8
30	17.8	28.0	20.7	87.0	19.1	0.0	19.1	2.5
31	16.6	25.1	20.8	91.7	0.0	.1	.1	.9
Total :					83.1	88.9	172.0	114.9
Promedio :	17.2	28.0	22.0	84.3				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	28.5	21.7	85.3	0.0	0.0	0.0	3.5
2	16.0	27.0	21.8	90.3	0.0	0.0	0.0	2.0
3	16.6	30.0	22.6	83.7	0.0	38.1	38.1	4.9
4	17.5	21.6	19.2	88.0	6.8	0.0	6.8	0.0
5	16.0	26.8	21.8	83.0	0.0	5.8	5.8	5.7
6	17.6	27.8	20.5	89.3	1.1	23.3	24.4	2.7
7	17.0	23.4	19.2	91.7	1.7	24.2	25.9	.9
8	15.2	24.0	19.1	88.0	8.2	0.0	8.2	1.1
9	14.8	28.0	20.4	82.7	1.4	5.8	7.2	2.7
10	16.0	28.5	22.6	81.7	.1	2.7	2.8	8.3
11	17.8	27.5	22.2	85.3	0.0	4.4	4.4	5.3
12	17.0	28.0	21.4	85.7	0.0	0.0	0.0	4.7
13	16.5	25.6	20.8	89.7	.2	0.0	.2	1.4
14	16.5	28.4	23.0	81.7	0.0	0.0	0.0	7.6
15	16.0	29.0	23.2	84.0	0.0	0.0	0.0	6.3
16	18.0	28.5	22.8	83.3	0.0	0.0	0.0	2.8
17	18.1	28.5	21.2	84.0	15.6	0.0	15.6	3.7
18	18.0	27.4	22.0	86.0	0.0	5.9	5.9	3.1
19	18.4	27.0	21.5	88.3	1.6	.2	1.8	3.1
20	17.8	30.0	23.2	83.0	0.0	26.5	26.5	6.9
21	17.3	29.8	24.8	75.3	0.0	0.0	0.0	8.5
22	16.8	30.4	24.4	75.7	0.0	0.0	0.0	9.8
23	18.0	30.1	23.8	84.0	0.0	0.0	0.0	4.8
24	19.6	27.0	21.5	86.7	3.6	1.1	4.7	0.0
25	18.1	27.2	21.8	84.3	1.4	0.0	1.4	4.6
26	18.0	26.6	20.4	87.7	.3	3.6	3.9	1.4
27	17.2	29.0	21.6	84.3	1.3	0.0	1.3	6.1
28	16.5	30.0	22.8	80.7	0.0	0.0	0.0	7.3
29	17.8	29.4	22.5	81.7	0.0	12.4	12.4	7.1
30	17.0	29.0	22.6	86.7	0.0	1.8	1.8	7.3
31								
Total :					43.3	155.8	199.1	133.6
Promedio :	17.2	27.8	21.9	84.7				

Estación : EL AGRADO
Año : 1997

Dpto. : QUINDIO
Mpio. : MONTENEGRO

Latitud : 4 ° 31 ' N
Longitud : 75 ° 47 ' W
Altitud : 1250 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	30.0	23.0	84.3	0.0	0.0	0.0	6.2
2	15.0	29.8	23.2	81.3	0.0	0.0	0.0	10.0
3	17.3	29.1	23.4	79.0	0.0	0.0	0.0	7.0
4	16.0	30.5	23.2	77.0	0.0	0.0	0.0	8.2
5	16.6	28.6	23.2	82.7	0.0	0.0	0.0	3.1
6	16.8	31.0	24.8	73.0	0.0	0.0	0.0	8.3
7	18.4	30.2	23.4	82.0	0.0	0.0	0.0	5.6
8	17.5	27.0	22.5	81.3	.5	0.0	.5	1.4
9	17.8	26.4	21.8	85.0	0.0	0.0	0.0	.4
10	17.0	29.4	23.3	80.0	0.0	0.0	0.0	5.9
11	16.2	27.1	23.2	83.0	0.0	0.0	0.0	5.3
12	17.5	30.0	24.1	68.3	0.0	0.0	0.0	4.7
13	15.2	32.6	25.5	56.7	0.0	0.0	0.0	10.5
14	16.8	31.4	23.9	65.7	0.0	0.0	0.0	7.9
15	16.2	28.0	22.6	83.3	0.0	0.0	0.0	3.6
16	17.2	30.0	24.2	74.7	0.0	0.0	0.0	5.8
17	17.4	30.4	25.0	68.7	0.0	0.0	0.0	6.5
18	18.0	33.4	25.6	59.7	0.0	0.0	0.0	10.1
19	17.2	33.0	26.4	55.3	0.0	0.0	0.0	10.3
20	16.2	33.4	26.0	54.0	0.0	0.0	0.0	10.7
21	16.5	32.0	23.4	67.7	0.0	0.0	0.0	6.4
22	16.0	29.0	24.0	67.0	0.0	0.0	0.0	3.7
23	17.2	34.2	26.2	55.7	0.0	0.0	0.0	10.8
24	16.8	34.6	26.4	56.0	0.0	0.0	0.0	10.4
25	18.0	29.0	23.8	82.7	0.0	0.0	0.0	.1
26	16.0	33.0	24.6	62.7	.5	0.0	.5	7.0
27	17.5	29.0	23.1	78.0	0.0	0.0	0.0	.7
28	17.0	29.5	22.5	79.3	.2	0.0	.2	2.9
29	16.8	30.0	21.4	80.0	0.0	1.4	1.4	5.4
30	18.0	29.0	23.5	78.0	0.0	0.0	0.0	6.0
31	17.0	32.0	22.5	80.0	3.1	3.7	6.8	8.7
Total :					4.3	5.1	9.4	193.6
Promedio :	17.0	30.4	23.9	73.0				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	33.4	25.5	70.0	0.0	0.0	0.0	10.3
2	17.7	30.0	23.7	82.3	0.0	0.0	0.0	1.7
3	16.8	32.2	23.7	68.7	0.0	0.0	0.0	6.6
4	15.2	33.1	24.8	69.3	0.0	0.0	0.0	7.0
5	15.9	33.4	26.1	56.3	0.0	0.0	0.0	10.0
6	18.9	33.7	26.0	62.3	0.0	0.0	0.0	7.4
7	18.4	33.3	26.1	59.7	0.0	0.0	0.0	6.5
8	16.5	33.0	25.8	57.0	0.0	0.0	0.0	8.4
9	17.3	30.2	24.4	62.7	0.0	0.0	0.0	.6
10	16.7	31.4	25.0	58.3	0.0	0.0	0.0	5.7
11	16.6	30.0	23.7	75.7	0.0	0.0	0.0	4.7
12	17.9	31.2	24.9	68.0	0.0	0.0	0.0	7.2
13	17.8	30.2	24.4	72.3	0.0	0.0	0.0	3.7
14	18.8	29.0	23.3	76.0	0.0	0.0	0.0	3.9
15	14.9	33.0	24.4	61.3	0.0	0.0	0.0	8.2
16	15.0	32.1	23.7	65.7	1.7	0.0	1.7	7.8
17	15.8	32.2	24.0	66.0	0.0	0.0	0.0	7.5
18	15.9	32.0	23.7	64.7	0.0	0.0	0.0	8.6
19	15.7	29.0	22.4	70.3	0.0	0.0	0.0	5.6
20	15.1	32.0	24.2	49.0	0.0	0.0	0.0	10.1
21	13.8	34.0	24.7	57.0	0.0	0.0	0.0	10.0
22	16.0	32.0	24.7	61.3	0.0	0.0	0.0	7.8
23	16.7	29.5	24.4	63.3	0.0	0.0	0.0	3.7
24	15.7	32.5	22.1	77.7	5.3	0.0	5.3	6.4
25	15.2	31.8	23.2	67.0	0.0	0.0	0.0	9.1
26	15.9	32.9	24.4	66.0	0.0	0.0	0.0	3.7
27	16.3	32.0	24.0	58.0	0.0	0.0	0.0	2.6
28	16.8	33.1	25.4	38.3	0.0	0.0	0.0	8.8
29	14.5	33.3	23.8	58.0	0.0	0.0	0.0	8.8
30	14.1	31.3	23.5	63.0	0.0	0.0	0.0	8.0
31	15.0	32.2	21.7	75.7	1.3	0.0	1.3	7.7
Total :					8.3	0.0	8.3	208.1
Promedio :	16.3	31.9	24.2	64.5				

Estación : EL AGRADO
Año : 1997

Dpto. : QUINDIO
Mpio. : MONTENEGRO

Latitud : 4 ° 31 ' N
Longitud : 75 ° 47 ' W
Altitud : 1250 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	29.5	21.0	76.3	2.9	0.0	2.9	3.9
2	15.3	29.2	22.0	74.3	0.0	0.0	0.0	6.3
3	14.8	27.5	21.7	76.3	0.0	0.0	0.0	7.9
4	14.5	31.8	22.2	70.3	.3	0.0	.3	7.8
5	16.0	29.3	21.7	78.0	0.0	29.7	29.7	3.6
6	15.5	28.2	20.6	77.3	.1	.1	.2	6.8
7	16.0	27.5	20.3	80.0	13.5	19.0	32.5	2.0
8	17.0	26.1	20.2	81.0	0.0	1.4	1.4	1.9
9	16.9	27.2	21.6	75.3	0.0	0.0	0.0	3.4
10	15.8	29.7	22.4	72.3	0.0	0.0	0.0	5.2
11	15.9	29.2	23.2	71.7	0.0	0.0	0.0	2.5
12	16.5	29.0	23.2	71.3	0.0	0.0	0.0	2.1
13	16.2	31.0	23.4	64.7	0.0	0.0	0.0	6.3
14	15.5	30.8	23.4	66.3	0.0	0.0	0.0	6.7
15	15.8	30.0	24.0	63.0	0.0	0.0	0.0	8.5
16	16.2	31.0	23.0	68.7	0.0	0.0	0.0	4.6
17	14.7	30.8	22.7	65.7	0.0	0.0	0.0	7.1
18	14.8	28.5	22.2	70.3	0.0	0.0	0.0	3.9
19	16.5	28.8	21.6	77.3	6.0	21.0	27.0	2.8
20	16.6	25.3	20.6	81.7	2.6	0.0	2.6	1.9
21	15.5	30.0	20.8	76.7	17.7	5.6	23.3	6.9
22	16.9	26.2	19.6	81.7	8.9	3.1	12.0	1.3
23	16.0	26.5	20.6	78.3	0.0	11.0	11.0	2.0
24	16.9	24.0	19.8	83.0	3.2	21.4	24.6	1.1
25	15.8	26.7	20.5	78.3	0.0	.3	.3	3.3
26	17.6	27.4	21.6	78.0	.2	0.0	.2	2.8
27	15.8	26.5	20.5	78.3	0.0	0.0	0.0	3.2
28	15.0	27.5	19.2	79.3	14.3	.2	14.5	3.4
29	14.0	30.1	21.7	71.3	0.0	0.0	0.0	10.4
30	15.7	30.0	20.4	74.0	1.5	.2	1.7	8.0
31								
Total :					71.2	113.0	184.2	137.6
Promedio :	15.9	28.5	21.5	74.7				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	29.9	22.2	70.7	0.0	0.0	0.0	7.8
2	17.5	28.9	21.2	75.7	0.0	0.0	0.0	5.0
3	16.2	25.0	21.2	73.0	0.0	0.0	0.0	.1
4	18.0	28.8	22.9	72.3	4.3	0.0	4.3	7.7
5	16.5	27.4	20.9	72.3	0.0	0.0	0.0	8.6
6	15.0	29.1	21.6	74.3	0.0	0.0	0.0	.9
7	14.8	29.0	22.3	69.7	0.0	0.0	0.0	6.1
8	15.0	29.1	20.7	77.7	2.8	0.0	2.8	6.2
9	14.7	29.5	22.0	68.3	0.0	13.8	13.8	7.0
10	16.0	28.5	22.5	72.3	0.0	18.1	18.1	7.4
11	16.5	26.8	21.6	77.3	.4	13.3	13.7	3.1
12	16.5	29.0	22.0	72.3	0.0	4.2	4.2	6.5
13	17.0	27.0	20.9	78.3	0.0	0.0	0.0	4.6
14	15.4	29.0	21.8	73.7	0.0	0.0	0.0	9.6
15	16.0	27.5	22.0	70.0	0.0	0.0	0.0	4.3
16	16.5	27.8	21.7	73.3	0.0	6.3	6.3	2.3
17	16.7	27.0	21.6	73.7	0.0	3.0	3.0	4.4
18	17.0	27.1	20.9	78.3	1.1	17.0	18.1	3.4
19	17.5	27.0	21.4	81.0	0.0	0.0	0.0	4.4
20	18.0	29.0	23.4	73.0	0.0	6.9	6.9	6.4
21	17.8	26.9	21.4	80.7	13.6	.8	14.4	3.7
22	18.0	27.1	22.0	75.0	3.0	0.0	3.0	4.2
23	15.0	29.9	23.0	70.7	0.0	0.0	0.0	8.5
24	16.9	29.8	22.0	74.7	.1	0.0	.1	6.7
25	15.8	29.0	23.2	74.0	0.0	0.0	0.0	6.2
26	18.0	30.8	24.0	70.0	0.0	0.0	0.0	7.8
27	16.8	29.0	22.3	77.7	0.0	0.0	0.0	4.8
28	17.0	28.6	22.6	75.7	0.0	0.0	0.0	2.4
29	17.2	29.4	22.1	75.0	.1	0.0	.1	5.7
30	17.8	30.8	22.8	74.3	0.0	0.0	0.0	6.1
31	16.4	29.1	21.5	75.0	5.1	0.0	5.1	4.8
Total :					30.5	83.4	113.9	166.7
Promedio :	16.5	28.5	22.0	74.2				

Estación : EL AGRADO
Año : 1997

Dpto. : QUINDIO
Mpio. : MONTENEGRO

Latitud : 4 ° 31 ' N
Longitud : 75 ° 47 ' W
Altitud : 1250 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	28.5	22.9	76.7	0.0	0.0	0.0	6.0
2	16.0	31.5	23.6	72.0	5.3	.3	5.6	7.8
3	18.5	29.0	22.8	79.7	0.0	0.0	0.0	1.9
4	17.0	28.9	21.1	80.0	.8	0.0	.8	3.4
5	16.0	29.0	23.1	72.7	0.0	3.1	3.1	5.3
6	18.5	28.3	22.4	80.0	3.8	0.0	3.8	5.1
7	17.8	27.1	21.7	81.3	0.0	24.6	24.6	4.4
8	18.0	21.0	19.1	92.3	13.1	0.0	13.1	0.0
9	17.5	25.2	20.0	81.7	25.6	1.1	26.7	.5
10	17.5	27.0	21.1	83.3	1.0	0.0	1.0	3.6
11	18.0	28.0	21.7	77.3	2.0	.3	2.3	3.6
12	18.5	27.0	21.4	74.3	1.5	2.9	4.4	4.9
13	17.7	24.5	20.8	78.3	5.3	3.0	8.3	3.0
14	15.9	26.5	19.1	78.7	34.6	0.0	34.6	5.4
15	15.5	25.5	20.2	79.3	.1	0.0	.1	4.8
16	16.0	27.5	21.6	78.3	0.0	0.0	0.0	4.5
17	18.0	26.0	20.2	83.3	44.7	0.0	44.7	1.7
18	16.5	28.0	22.2	77.7	0.0	0.0	0.0	4.7
19	17.0	27.8	20.6	80.3	17.7	4.2	21.9	1.7
20	18.0	28.0	21.3	81.3	.4	0.0	.4	3.4
21	16.5	28.5	22.5	79.3	0.0	0.0	0.0	7.3
22	17.0	30.0	22.8	76.0	0.0	0.0	0.0	2.6
23	16.5	29.0	21.4	80.0	7.3	0.0	7.3	4.9
24	17.0	27.5	23.0	79.0	0.0	28.0	28.0	2.6
25	18.5	24.0	20.3	86.7	5.1	2.3	7.4	.5
26	17.0	25.0	20.9	80.3	1.7	0.0	1.7	1.0
27	16.5	29.5	22.7	70.3	0.0	0.0	0.0	7.3
28	16.0	30.0	22.4	72.7	0.0	0.0	0.0	6.7
29	15.8	29.0	22.6	75.0	1.6	51.3	52.9	4.0
30	15.0	28.5	22.3	76.0	0.0	0.0	0.0	6.5
31								
Total :					171.6	121.1	292.7	119.1
Promedio :	17.0	27.5	21.6	78.8				

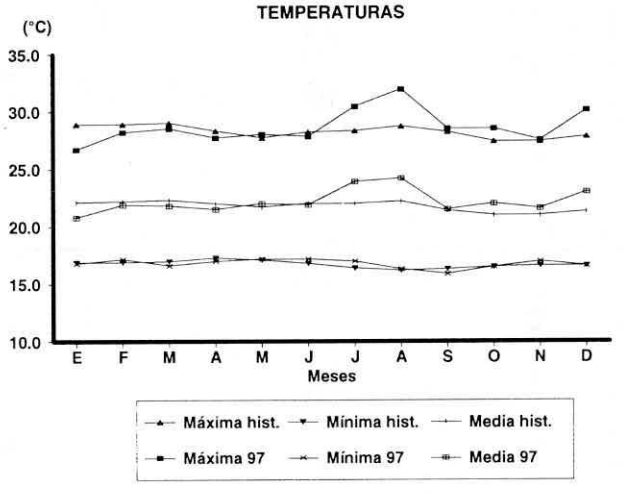
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.0	23.2	71.3	0.0	11.9	11.9	5.8
2	17.5	29.5	21.8	77.7	1.9	0.0	1.9	5.8
3	18.5	29.0	22.7	77.7	0.0	0.0	0.0	5.4
4	15.0	29.4	22.4	70.3	0.0	0.0	0.0	6.6
5	15.5	30.5	22.7	78.0	0.0	0.0	0.0	8.1
6	17.2	29.5	23.8	76.0	0.0	0.0	0.0	6.2
7	17.0	31.0	23.6	76.7	0.0	0.0	0.0	6.5
8	16.5	30.0	23.6	74.3	0.0	0.0	0.0	7.8
9	16.0	31.0	22.7	75.0	0.0	0.0	0.0	8.3
10	16.5	30.5	22.3	79.7	0.0	0.0	0.0	7.4
11	18.0	31.0	23.5	75.7	0.0	0.0	0.0	8.0
12	18.0	29.0	23.8	71.7	0.0	0.0	0.0	5.6
13	16.1	29.5	23.5	69.0	1.7	0.0	1.7	5.5
14	16.0	29.0	21.0	77.0	21.5	26.5	48.0	5.4
15	18.0	26.5	21.7	79.3	.3	0.0	.3	4.8
16	16.5	31.0	22.9	76.7	.1	0.0	.1	6.9
17	18.0	29.5	23.6	74.3	0.0	0.0	0.0	6.1
18	17.0	30.0	23.7	71.7	0.0	0.0	0.0	6.2
19	16.7	30.4	23.5	71.0	0.0	0.0	0.0	6.6
20	17.0	28.0	21.8	77.0	0.0	0.0	0.0	1.1
21	16.5	31.0	23.9	71.7	0.0	0.0	0.0	6.3
22	16.2	30.5	22.9	74.7	0.0	0.0	0.0	7.9
23	15.5	32.5	23.5	71.0	0.0	0.0	0.0	8.4
24	16.0	30.5	23.2	70.3	0.0	0.0	0.0	6.7
25	16.2	30.0	23.7	72.0	0.0	0.0	0.0	4.8
26	17.0	30.5	23.6	71.7	0.0	0.0	0.0	7.1
27	16.5	31.0	23.6	73.0	0.0	0.0	0.0	6.1
28	16.0	31.0	24.6	67.7	0.0	0.0	0.0	7.6
29	16.5	32.0	21.3	72.7	.2	0.0	.2	6.9
30	15.5	28.4	23.4	64.3	0.0	0.0	0.0	4.5
31	16.1	30.0	23.0	69.7	0.0	0.0	0.0	6.6
Total :					25.7	38.4	64.1	197.0
Promedio :	16.6	30.1	23.0	73.5				

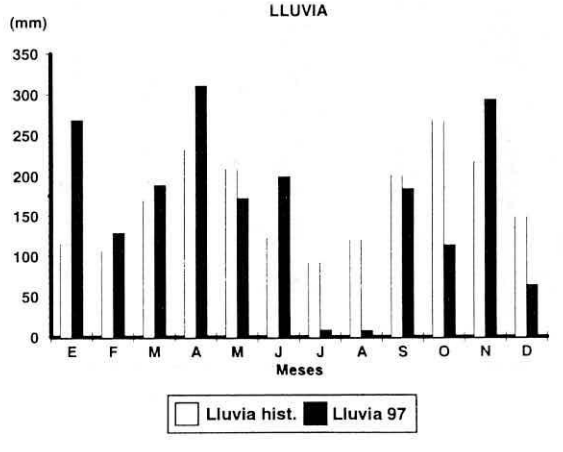
Estación : EL AGRADO
Año : 1997

Dpto. : QUINDIO
Mpio. : MONTENEGRO

Latitud : 4 ° 31 'N
Longitud : 75 ° 47 'W
Altitud : 1250 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.8	26.7	20.8	29.5	14.0	82.5	268.6	25	127.6
Febrero	17.2	28.2	21.9	30.5	15.0	81.3	129.2	12	118.3
Marzo	16.6	28.5	21.8	31.0	13.5	81.6	189.1	14	168.8
Abril	17.0	27.7	21.5	31.0	15.0	84.5	310.7	23	107.4
Mayo	17.2	28.0	22.0	30.5	14.4	84.3	172.0	15	114.9
Junio	17.2	27.8	21.9	30.4	14.8	84.7	199.1	20	133.6
Julio	17.0	30.4	23.9	34.6	15.0	73.0	9.4	5	193.6
Agosto	16.3	31.9	24.2	34.0	13.8	64.5	8.3	3	208.1
Septiembre	15.9	28.5	21.5	31.8	14.0	74.7	184.2	16	137.6
Octubre	16.5	28.5	22.0	30.8	14.7	74.2	113.9	15	166.7
Noviembre	17.0	27.5	21.6	31.5	15.0	78.8	292.7	21	119.1
Diciembre	16.6	30.1	23.0	32.5	15.0	73.5	64.1	7	197.0
Promedio :	16.8	28.6	22.2			78.1			
Absoluta :				34.6	13.5				
Total :							1941.3	176	1792.7





Estación : LA BELLA
Año : 1997

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.1	20.2	17.6	92.7	19.3	0.0	19.3	.2
2	15.0	21.7	18.9	88.0	26.1	4.0	30.1	2.1
3	16.2	24.0	19.7	79.0	0.0	0.0	0.0	2.2
4	16.5	26.0	20.3	79.3	.4	0.0	.4	3.1
5	16.0	26.9	21.5	72.0	0.0	12.9	12.9	8.6
6	17.2	26.0	20.4	81.0	4.0	4.1	8.1	3.9
7	17.0	24.0	19.2	85.7	4.1	6.7	10.8	.8
8	15.1	26.5	20.8	74.3	0.0	0.0	0.0	5.4
9	16.5	23.8	20.0	78.0	0.0	19.8	19.8	1.3
10	16.0	22.0	18.9	90.7	.2	0.0	.2	1.0
11	15.9	25.6	20.5	74.0	0.0	3.1	3.1	4.4
12	16.5	25.3	19.5	81.0	.5	12.6	13.1	3.2
13	15.0	25.8	19.6	73.3	.1	0.0	.1	5.2
14	16.8	26.0	21.0	68.7	0.0	0.0	0.0	6.6
15	16.9	25.4	19.4	78.0	2.7	36.0	38.7	2.6
16	16.4	23.8	19.8	79.7	0.0	29.7	29.7	.4
17	16.2	22.6	19.5	82.3	8.1	12.9	21.0	3.6
18	16.5	24.8	19.9	81.7	3.3	0.0	3.3	0.0
19	16.4	25.0	20.3	76.0	0.0	45.7	45.7	4.0
20	16.2	23.0	18.4	85.7	21.0	.3	21.3	.2
21	15.4	23.3	18.7	83.3	1.1	.1	1.2	1.3
22	14.0	26.0	19.8	78.0	0.0	6.6	6.6	3.7
23	16.3	26.2	18.9	82.7	27.5	9.7	37.2	4.5
24	13.0	24.0	19.6	76.7	0.0	0.0	0.0	5.0
25	16.0	24.1	19.0	83.3	1.3	32.9	34.2	2.4
26	15.4	24.7	18.1	80.0	3.5	13.3	16.8	4.3
27	14.4	25.0	19.6	74.3	0.0	0.0	0.0	4.1
28	16.0	26.2	21.0	70.7	3.3	.7	4.0	3.9
29	16.9	27.0	20.4	76.0	2.7	12.4	15.1	4.5
30	16.8	26.0	19.2	79.0	27.7	2.5	30.2	3.6
31	16.2	24.4	20.7	78.0	.5	17.7	18.2	3.4
Total :					157.4	283.7	441.1	99.5
Promedio :	16.0	24.7	19.7	79.5				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	23.4	18.1	81.7	4.9	16.3	21.2	2.3
2	15.9	26.0	20.5	78.0	0.0	0.0	0.0	3.9
3	15.0	25.3	20.4	77.0	.1	0.0	.1	4.7
4	15.8	24.0	18.1	82.0	5.8	0.0	5.8	1.6
5	14.5	24.0	20.4	77.0	.5	0.0	.5	3.4
6	15.0	24.9	19.4	75.0	0.0	4.0	4.0	5.4
7	16.5	24.4	19.4	80.7	.4	0.0	.4	1.8
8	15.5	24.0	19.8	79.0	.3	0.0	.3	1.4
9	15.0	24.3	19.6	82.0	3.3	2.3	5.6	1.6
10	17.0	23.0	19.8	79.0	0.0	1.7	1.7	.4
11	16.8	24.0	19.3	82.7	2.2	1.2	3.4	2.0
12	15.8	24.6	20.2	76.0	.1	.9	1.0	2.8
13	16.0	26.5	20.7	71.7	0.0	0.0	0.0	3.9
14	15.0	26.0	21.8	71.3	0.0	0.0	0.0	5.5
15	18.1	25.8	20.9	79.0	1.5	0.0	1.5	2.6
16	16.9	23.2	19.0	86.7	24.9	15.4	40.3	.8
17	16.9	25.2	20.4	75.7	.1	0.0	.1	3.5
18	15.0	26.0	20.0	76.3	.4	2.9	3.3	3.7
19	16.0	26.0	21.8	73.7	0.0	0.0	0.0	3.8
20	17.5	27.1	21.3	73.3	.7	0.0	.7	5.1
21	16.5	27.7	22.9	66.7	0.0	0.0	0.0	5.3
22	17.1	27.2	21.1	75.3	0.0	0.0	0.0	5.3
23	17.5	25.1	20.2	81.3	0.0	0.0	0.0	2.8
24	16.0	26.0	21.6	75.7	0.0	0.0	0.0	4.7
25	16.5	25.2	21.2	75.0	.4	0.0	.4	2.4
26	18.1	26.0	21.6	76.3	0.0	0.0	0.0	2.9
27	17.6	27.0	22.4	72.0	0.0	0.0	0.0	4.5
28	17.1	26.3	21.2	73.0	0.0	0.0	0.0	3.3
29								
30								
31								
Total :					45.6	44.7	90.3	91.4
Promedio :	16.3	25.3	20.5	76.9				

Estación : LA BELLA
Año : 1997

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	23.9	19.3	85.3	7.0	3.1	10.1	1.3
2	16.7	28.0	21.7	69.7	0.0	1.5	1.5	7.0
3	17.2	26.4	20.8	80.7	0.0	0.0	0.0	4.7
4	17.5	26.2	21.2	78.7	0.0	7.0	7.0	2.8
5	16.1	22.2	19.3	85.7	46.9	0.0	46.9	.7
6	13.0	26.7	21.0	68.3	0.0	0.0	0.0	8.5
7	14.7	27.3	22.1	68.7	0.0	0.0	0.0	8.0
8	15.0	27.6	22.3	68.0	0.0	0.0	0.0	6.9
9	17.2	27.2	22.7	70.7	0.0	0.0	0.0	4.0
10	17.2	28.8	22.9	69.0	0.0	0.0	0.0	6.3
11	18.3	27.0	22.7	72.3	0.0	.4	.4	3.7
12	17.8	26.5	22.0	75.7	0.0	6.1	6.1	2.8
13	16.9	23.2	19.3	88.3	8.4	0.0	8.4	.1
14	14.4	27.0	21.8	71.7	0.0	0.0	0.0	6.2
15	17.5	27.5	20.0	77.7	18.1	0.0	18.1	3.6
16	17.0	23.8	19.5	84.3	15.4	73.3	88.7	.6
17	16.8	21.9	18.5	87.3	8.7	.6	9.3	.2
18	16.0	25.0	19.2	91.0	3.7	4.4	8.1	.7
19	15.9	23.5	18.8	90.0	1.8	0.0	1.8	2.2
20	16.1	25.9	20.4	70.0	10.1	10.5	20.6	5.2
21	15.9	25.5	19.0	75.7	3.9	0.0	3.9	3.1
22	15.0	26.9	21.4	66.7	0.0	0.0	0.0	8.6
23	17.0	26.5	19.7	75.0	47.5	0.0	47.5	5.4
24	14.2	27.9	21.4	67.0	0.0	0.0	0.0	9.0
25	14.4	27.0	21.4	62.7	0.0	.2	.2	8.6
26	17.0	26.8	21.0	74.7	.3	7.3	7.6	4.8
27	15.2	28.0	22.0	64.3	0.0	0.0	0.0	8.6
28	16.5	27.0	20.6	71.0	.8	0.0	.8	7.9
29	15.5	27.0	21.9	62.3	0.0	0.0	0.0	4.3
30	16.3	24.0	19.0	78.3	8.5	0.0	8.5	1.3
31	15.0	26.9	19.1	80.0	59.0	0.0	59.0	5.7
Total :					240.1	114.4	354.5	142.8
Promedio :	16.1	26.1	20.7	75.2				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	24.0	19.5	83.3	.3	0.0	.3	2.8
2	14.0	27.1	21.2	71.7	0.0	0.0	0.0	6.4
3	15.5	26.1	19.6	79.7	1.8	.2	2.0	4.4
4	17.2	23.9	21.0	80.0	0.0	0.0	0.0	2.7
5	16.5	26.0	20.9	79.0	4.2	.2	4.4	5.9
6	16.0	25.9	19.6	77.3	9.8	.8	10.6	4.3
7	15.0	25.1	20.3	72.3	0.0	0.0	0.0	5.4
8	16.0	25.3	20.2	82.3	3.6	0.0	3.6	2.1
9	17.0	26.0	22.0	71.7	0.0	0.0	0.0	3.9
10	18.8	24.2	20.0	88.7	4.4	5.8	10.2	.7
11	17.8	24.9	21.7	79.7	.1	0.0	.1	1.4
12	16.4	26.9	21.2	81.0	0.0	0.0	0.0	4.2
13	18.0	25.2	20.2	82.7	17.6	0.0	17.6	2.8
14	15.5	25.0	20.6	80.3	2.4	0.0	2.4	1.5
15	16.0	24.9	19.4	82.3	.6	0.0	.6	.5
16	15.0	27.3	21.6	75.0	0.0	0.0	0.0	6.5
17	18.0	24.9	19.6	86.0	8.0	0.0	8.0	1.4
18	16.0	23.8	19.5	81.7	1.1	0.0	1.1	.6
19	17.5	24.9	19.4	85.7	10.4	1.4	11.8	1.1
20	16.2	22.9	19.2	86.7	1.5	.2	1.7	.9
21	17.0	22.0	19.2	83.0	1.9	0.0	1.9	.6
22	15.9	21.5	18.8	88.7	3.1	0.0	3.1	0.0
23	16.1	25.1	19.6	82.7	0.0	17.0	17.0	2.3
24	15.6	25.9	20.9	72.7	0.0	17.8	17.8	4.7
25	16.0	21.0	18.4	88.3	2.0	0.0	2.0	0.0
26	15.0	25.5	20.4	76.7	0.0	2.6	2.6	3.3
27	16.9	24.9	20.2	80.3	.4	1.9	2.3	4.0
28	16.0	25.1	20.0	81.7	0.0	0.0	0.0	6.2
29	16.2	27.0	21.1	73.0	0.0	0.0	0.0	6.1
30	15.9	26.0	21.5	70.3	0.0	0.0	0.0	4.1
31								
Total :					73.2	47.9	121.1	90.8
Promedio :	16.3	24.9	20.2	80.2				

Estación : LA BELLA
Año : 1997

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.9	25.5	20.8	75.0	0.0	0.0	0.0	4.9
2	16.6	25.5	21.9	78.3	0.0	0.0	0.0	3.5
3	16.5	27.0	22.5	72.3	0.0	1.6	1.6	5.6
4	18.0	25.0	21.6	82.0	0.0	0.0	0.0	2.8
5	16.0	25.2	21.8	75.0	.3	0.0	.3	6.3
6	17.9	25.8	21.6	75.3	0.0	0.0	0.0	2.1
7	16.2	25.5	20.0	80.3	1.8	0.0	1.8	2.1
8	14.0	29.2	22.0	69.7	0.0	0.0	0.0	9.5
9	17.1	25.5	21.0	79.7	0.0	.1	.1	2.4
10	17.5	24.8	20.7	80.3	.3	47.9	48.2	3.2
11	16.0	21.0	19.0	87.7	1.0	.2	1.2	0.0
12	15.9	25.1	20.3	78.3	0.0	4.8	4.8	2.4
13	16.5	24.2	20.2	79.0	0.0	0.0	0.0	2.9
14	15.0	24.9	19.8	78.3	.2	0.0	.2	3.5
15	15.6	23.6	20.4	80.0	0.0	0.0	0.0	2.0
16	17.0	26.0	21.5	76.0	0.0	0.0	0.0	6.5
17	17.0	26.5	22.5	73.7	0.0	0.0	0.0	5.3
18	16.6	27.8	21.6	75.7	0.0	0.0	0.0	7.5
19	17.5	24.0	21.4	80.0	0.0	0.0	0.0	1.4
20	17.0	25.0	21.4	78.0	0.0	0.0	0.0	.8
21	16.9	27.0	20.8	80.3	0.0	3.6	3.6	4.5
22	16.8	24.0	19.9	80.0	3.6	0.0	3.6	2.0
23	16.8	27.8	22.6	70.3	0.0	0.0	0.0	8.0
24	18.1	25.0	20.6	77.0	4.9	0.0	4.9	.9
25	17.0	22.3	20.1	85.0	0.0	10.3	10.3	.2
26	17.0	21.6	18.6	86.3	6.0	32.6	38.6	0.0
27	16.0	25.1	20.6	79.3	0.0	.4	.4	4.1
28	17.0	24.0	21.3	76.7	0.0	0.0	0.0	.7
29	16.5	25.0	20.8	76.3	.7	0.0	.7	3.4
30	17.9	24.0	20.0	83.0	0.0	0.0	0.0	1.5
31	16.0	23.5	20.4	82.0	0.0	2.8	2.8	3.5
Total :					18.8	104.3	123.1	103.5
Promedio :	16.6	25.0	20.9	78.4				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	25.0	19.8	76.7	1.9	0.0	1.9	2.2
2	16.9	25.5	21.2	78.7	0.0	0.0	0.0	3.2
3	16.2	25.5	21.2	73.7	0.0	52.7	52.7	2.2
4	16.1	21.0	18.4	83.0	9.0	0.0	9.0	0.0
5	15.0	25.1	20.0	74.0	0.0	0.0	0.0	4.6
6	17.0	25.0	20.5	77.3	0.0	28.4	28.4	2.8
7	16.5	21.2	18.4	85.7	8.1	21.8	29.9	.1
8	15.0	21.0	18.0	87.3	3.7	0.0	3.7	.2
9	14.4	25.0	18.9	79.0	4.1	14.5	18.6	2.0
10	14.9	25.5	20.7	72.7	0.0	5.3	5.3	5.2
11	17.0	24.9	20.5	79.7	0.0	.3	.3	5.4
12	16.3	24.0	19.5	85.7	.4	0.0	.4	2.4
13	16.0	22.0	19.5	79.0	.1	0.0	.1	1.0
14	16.9	24.9	21.3	74.0	0.0	0.0	0.0	3.2
15	15.1	26.0	20.6	73.0	0.0	0.0	0.0	4.6
16	17.0	26.5	21.2	80.0	0.0	0.0	0.0	2.6
17	17.2	25.4	20.4	76.7	0.0	0.0	0.0	2.6
18	17.5	24.5	20.6	81.3	.3	4.8	5.1	1.7
19	16.9	23.0	19.8	83.3	2.2	.9	3.1	1.4
20	16.8	26.5	21.0	70.7	0.0	0.0	0.0	5.1
21	15.6	26.6	21.8	69.7	0.0	0.0	0.0	6.7
22	15.5	27.0	22.2	67.7	0.0	0.0	0.0	8.7
23	16.9	26.1	22.2	73.7	0.0	0.0	0.0	5.7
24	17.8	24.0	20.6	83.3	0.0	.5	.5	.1
25	17.4	24.1	20.5	81.7	0.0	2.2	2.2	3.0
26	17.0	22.8	19.2	83.7	1.4	.1	1.5	.8
27	15.9	25.9	20.0	79.3	15.7	0.0	15.7	4.3
28	15.7	26.0	20.9	75.0	0.0	0.0	0.0	5.9
29	16.3	26.5	20.8	71.7	.2	0.0	.2	5.9
30	16.9	26.0	21.6	74.7	0.0	.7	.7	4.0
31								
Total :					47.1	132.2	179.3	97.6
Promedio :	16.4	24.8	20.4	77.7				

Estación : LA BELLA
Año : 1997

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.0	21.4	75.0	0.0	0.0	0.0	4.6
2	14.5	26.2	21.2	73.3	0.0	0.0	0.0	9.8
3	15.8	26.2	21.5	72.0	0.0	0.0	0.0	5.2
4	15.2	27.5	22.4	61.7	0.0	0.0	0.0	5.9
5	16.0	25.5	20.8	79.3	0.0	0.0	0.0	2.0
6	15.3	28.0	22.6	70.0	.3	0.0	.3	7.5
7	17.0	26.5	21.4	76.0	0.0	0.0	0.0	4.8
8	16.1	23.5	20.2	83.0	.2	0.0	.2	1.2
9	17.1	23.9	20.4	77.7	0.0	0.0	0.0	.2
10	16.1	25.9	20.9	75.7	0.0	0.0	0.0	7.1
11	16.2	24.1	21.1	73.7	0.0	0.0	0.0	2.5
12	17.8	25.9	22.6	60.3	0.0	0.0	0.0	3.1
13	16.0	30.5	24.0	52.0	0.0	0.0	0.0	9.7
14	16.0	28.5	21.8	64.3	0.0	0.0	0.0	6.9
15	15.4	25.9	20.8	77.3	.1	0.0	.1	4.6
16	16.8	26.3	21.9	72.7	0.0	0.0	0.0	4.1
17	17.0	27.9	23.6	59.0	0.0	0.0	0.0	4.8
18	18.0	30.0	23.8	49.3	0.0	0.0	0.0	9.3
19	17.9	30.1	23.9	50.3	0.0	0.0	0.0	8.7
20	16.5	29.5	23.7	51.3	0.0	0.0	0.0	6.6
21	15.5	28.8	22.8	59.0	0.0	0.0	0.0	5.9
22	16.1	25.5	22.0	64.0	0.0	0.0	0.0	1.3
23	17.9	31.8	25.6	43.7	0.0	0.0	0.0	9.9
24	18.0	31.1	25.0	49.0	0.0	0.0	0.0	10.1
25	17.8	27.0	23.2	65.0	0.0	0.0	0.0	1.3
26	16.0	30.2	24.3	48.7	0.0	0.0	0.0	8.5
27	17.0	26.8	22.8	62.0	0.0	0.0	0.0	.6
28	16.7	27.0	21.2	72.0	0.0	0.0	0.0	3.3
29	15.9	25.5	20.0	80.3	0.0	0.0	0.0	4.3
30	17.0	25.1	21.2	74.0	0.0	0.0	0.0	2.0
31	16.1	29.2	20.8	79.3	.4	0.0	.4	6.4
Total :					1.0	0.0	1.0	162.2
Promedio :	16.5	27.3	22.2	66.2				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	31.0	23.8	61.7	0.0	0.0	0.0	9.0
2	16.2	26.0	21.6	73.3	0.0	0.0	0.0	1.9
3	15.1	29.8	23.2	59.7	0.0	0.0	0.0	7.2
4	15.0	31.0	22.9	59.7	0.0	0.0	0.0	6.3
5	17.8	31.5	24.5	51.7	0.0	0.0	0.0	8.1
6	18.5	30.8	24.3	54.7	0.0	0.0	0.0	8.2
7	18.0	30.5	24.9	48.7	0.0	0.0	0.0	6.8
8	16.1	30.0	24.5	49.7	0.0	0.0	0.0	9.0
9	17.9	27.0	23.0	53.7	0.0	0.0	0.0	.7
10	16.1	28.0	22.2	56.7	0.0	0.0	0.0	2.2
11	16.0	28.0	22.2	60.3	0.0	0.0	0.0	7.3
12	15.8	28.2	22.8	67.0	0.0	0.0	0.0	6.3
13	16.8	27.6	22.3	70.0	0.0	0.0	0.0	6.2
14	17.1	26.0	21.5	68.3	0.0	0.0	0.0	0.0
15	15.0	30.9	24.6	45.3	0.0	0.0	0.0	7.3
16	16.0	29.9	23.3	58.0	0.0	0.0	0.0	7.0
17	15.9	30.0	24.7	54.3	0.0	0.0	0.0	7.3
18	16.5	29.5	22.5	58.3	0.0	0.0	0.0	7.5
19	15.8	25.0	21.2	66.7	0.0	0.0	0.0	3.4
20	16.1	28.8	23.6	74.7	0.0	0.0	0.0	6.9
21	15.6	31.5	23.8	48.7	0.0	0.0	0.0	9.8
22	16.0	30.0	23.6	55.0	0.0	0.0	0.0	6.2
23	16.4	25.9	21.9	63.7	0.0	0.0	0.0	3.8
24	15.1	29.1	22.6	65.0	0.0	0.0	0.0	6.3
25	15.0	29.2	22.6	65.7	0.0	0.0	0.0	8.6
26	17.0	31.0	24.3	60.7	0.0	0.0	0.0	5.6
27	18.0	29.0	24.1	48.7	0.0	0.0	0.0	4.7
28	20.4	30.1	25.1	31.7	0.0	0.0	0.0	8.5
29	15.0	30.5	24.4	44.7	0.0	0.0	0.0	9.5
30	14.0	29.1	22.5	60.0	0.0	0.0	0.0	9.0
31	14.9	29.4	22.0	66.3	0.0	0.0	0.0	7.2
Total :					0.0	0.0	0.0	197.8
Promedio :	16.3	29.2	23.2	58.2				

Estación : LA BELLA
Año : 1997

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	25.9	20.2	78.0	.2	0.0	.2	1.8
2	16.8	26.1	21.0	73.0	.2	0.0	.2	1.9
3	15.4	24.0	20.2	74.7	.1	0.0	.1	2.0
4	14.8	29.6	20.6	73.3	2.7	0.0	2.7	8.4
5	16.3	28.0	21.1	79.0	3.6	4.1	7.7	4.7
6	16.0	24.8	20.0	75.3	1.1	.2	1.3	5.1
7	17.0	25.2	19.5	80.7	13.4	12.1	25.5	2.0
8	17.0	24.1	19.4	83.7	4.0	0.0	4.0	1.7
9	16.6	24.2	20.9	76.3	0.0	0.0	0.0	1.0
10	16.2	26.5	22.0	68.7	0.0	0.0	0.0	2.8
11	16.0	26.8	22.0	71.7	0.0	0.0	0.0	5.1
12	16.6	26.4	22.0	78.0	0.0	0.0	0.0	3.0
13	16.1	27.8	22.3	66.7	0.0	0.0	0.0	4.5
14	15.8	27.8	22.3	65.7	0.0	0.0	0.0	6.2
15	15.3	30.2	23.5	65.0	0.0	0.0	0.0	7.7
16	16.6	28.4	22.4	66.0	0.0	0.0	0.0	5.0
17	15.8	28.0	22.6	64.0	0.0	0.0	0.0	8.6
18	14.9	25.8	20.9	70.3	0.0	0.0	0.0	5.3
19	16.4	25.0	21.0	72.3	0.0	0.0	0.0	2.5
20	17.0	24.3	20.5	80.3	.1	0.0	.1	2.3
21	15.1	27.0	20.5	73.3	1.3	28.4	29.7	4.5
22	15.7	24.4	19.3	80.7	1.1	1.0	2.1	.7
23	16.2	23.9	19.8	78.7	2.2	45.0	47.2	1.9
24	16.9	23.2	19.2	79.0	3.1	0.0	3.1	1.7
25	16.0	24.9	20.2	80.7	0.0	0.0	0.0	2.8
26	17.9	24.9	20.8	78.7	.6	0.0	.6	1.8
27	16.0	23.9	20.4	72.3	0.0	0.0	0.0	2.6
28	16.2	25.0	20.2	76.7	0.0	0.0	0.0	3.0
29	14.5	27.0	21.2	71.3	0.0	0.0	0.0	8.1
30	15.0	27.8	20.2	73.7	0.0	0.0	0.0	6.7
31								
Total :					33.7	90.8	124.5	115.4
Promedio :	16.1	26.0	20.9	74.3				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	27.0	21.6	70.3	0.0	0.0	0.0	6.0
2	16.9	25.5	20.8	78.3	.4	0.0	.4	2.8
3	16.2	22.0	20.0	82.7	0.0	0.0	0.0	.2
4	17.0	27.4	22.4	67.3	0.0	0.0	0.0	5.3
5	18.0	26.0	21.8	74.0	0.0	0.0	0.0	3.8
6	16.4	24.8	20.7	73.3	0.0	0.0	0.0	3.0
7	15.0	27.5	21.6	71.0	0.0	0.0	0.0	6.7
8	15.4	26.4	21.1	74.0	1.8	0.0	1.8	6.1
9	15.3	26.9	21.6	65.0	0.0	0.0	0.0	6.8
10	16.0	26.0	21.6	68.0	0.0	50.0	50.0	4.9
11	16.5	25.5	21.0	76.7	2.2	49.6	51.8	3.2
12	15.5	26.5	21.5	70.7	0.0	12.6	12.6	6.0
13	16.6	25.3	20.3	75.0	.3	.1	.4	4.5
14	16.1	27.3	21.6	67.3	0.0	17.9	17.9	9.0
15	16.0	26.4	20.6	68.7	0.0	0.0	0.0	6.3
16	16.1	25.1	20.6	73.3	0.0	28.5	28.5	2.3
17	15.6	25.3	20.2	74.7	0.0	3.2	3.2	5.4
18	16.5	23.9	19.5	77.3	2.7	4.0	6.7	2.8
19	16.1	25.0	19.9	77.3	0.0	0.0	0.0	3.8
20	16.0	26.8	21.6	74.3	0.0	38.7	38.7	7.2
21	16.4	24.6	19.7	83.0	10.2	26.1	36.3	3.5
22	17.0	23.9	20.3	74.0	.7	0.0	.7	2.1
23	14.6	26.9	21.8	67.7	0.0	0.0	0.0	7.2
24	16.9	27.0	20.8	75.0	0.0	0.0	0.0	6.3
25	15.3	26.8	22.4	72.7	0.0	0.0	0.0	5.7
26	17.5	27.5	22.3	72.3	0.0	0.0	0.0	6.0
27	16.6	26.2	21.0	74.0	0.0	0.0	0.0	4.3
28	16.8	24.4	20.6	78.0	0.0	0.0	0.0	.8
29	16.9	26.8	21.0	73.3	0.0	0.0	0.0	4.1
30	16.4	26.8	20.9	73.7	1.7	0.0	1.7	3.8
31	16.0	26.0	20.2	76.0	0.0	0.0	0.0	3.2
Total :					20.0	230.7	250.7	143.1
Promedio :	16.2	25.9	21.0	73.5				

Estación : LA BELLA
Año : 1997

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	25.4	20.6	76.3	.1	0.0	.1	3.4
2	14.8	28.0	20.8	74.0	50.5	0.0	50.5	6.7
3	16.8	24.0	20.4	85.0	1.7	0.0	1.7	.3
4	16.2	24.9	19.6	82.3	.1	0.0	.1	3.1
5	15.3	26.4	20.8	78.3	3.4	0.0	3.4	4.9
6	17.6	26.0	21.2	77.7	0.0	0.0	0.0	1.8
7	17.6	23.3	19.9	87.7	12.0	35.3	47.3	1.4
8	16.9	19.0	17.6	94.0	42.2	8.3	50.5	0.0
9	16.2	23.0	18.4	81.3	3.5	.4	3.9	.1
10	16.0	24.0	19.4	80.3	1.0	.4	1.4	1.4
11	17.1	24.6	20.0	80.0	.9	3.8	4.7	2.1
12	17.0	24.0	19.4	80.7	15.4	44.7	60.1	2.7
13	16.0	23.8	19.3	80.3	4.5	65.8	70.3	2.4
14	15.8	24.6	18.5	76.7	25.1	.1	25.2	2.2
15	15.0	24.8	18.5	78.0	2.4	0.0	2.4	4.3
16	14.6	25.0	19.8	77.0	0.0	0.0	0.0	4.4
17	16.2	24.9	19.0	84.3	1.4	0.0	1.4	1.9
18	14.9	26.0	20.7	74.0	0.0	0.0	0.0	2.8
19	16.0	25.6	19.5	81.3	5.1	2.0	7.1	1.9
20	16.3	23.8	19.7	83.3	0.0	0.0	0.0	1.9
21	15.8	26.0	20.7	77.0	0.0	0.0	0.0	5.1
22	16.2	26.5	21.1	73.7	0.0	0.0	0.0	5.9
23	15.8	26.5	20.3	76.0	0.0	0.0	0.0	3.8
24	16.4	26.5	20.2	80.3	20.6	87.1	107.7	2.8
25	17.0	22.4	18.4	83.0	23.7	4.3	28.0	.1
26	15.8	23.1	19.0	79.7	0.0	0.0	0.0	1.0
27	15.9	27.1	20.4	72.7	0.0	0.0	0.0	7.1
28	16.1	27.8	20.6	73.0	0.0	0.0	0.0	8.4
29	15.8	26.9	19.2	80.0	24.3	9.1	33.4	5.8
30	14.2	26.5	20.4	70.0	.3	0.0	.3	6.6
31								
Total :					238.2	261.3	499.5	96.3
Promedio :	16.1	25.0	19.8	79.3				

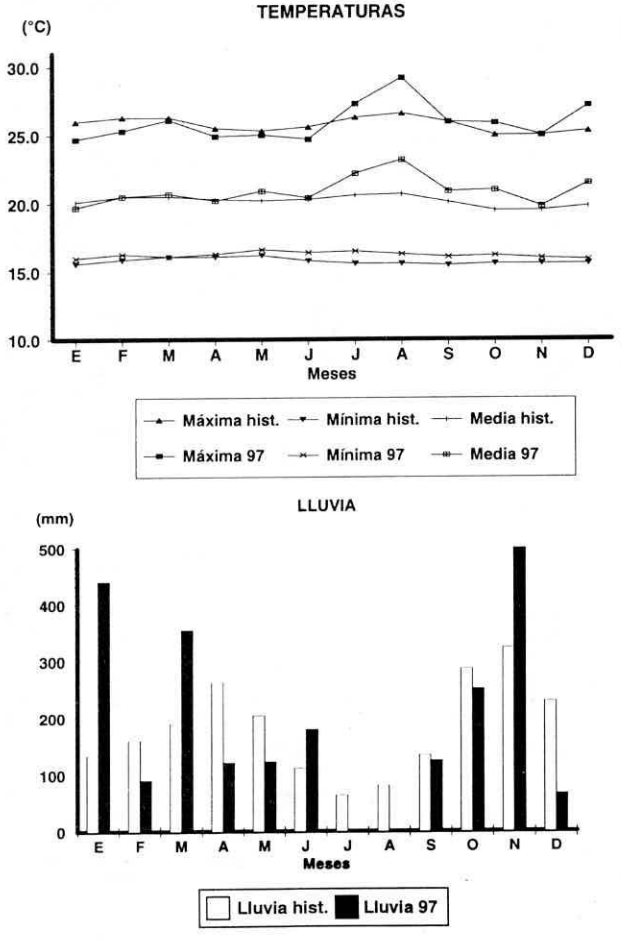
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.1	27.0	20.9	69.7	0.0	54.9	54.9	6.3
2	15.3	26.0	19.7	76.3	.5	0.0	.5	5.9
3	17.6	26.2	21.2	74.3	0.0	0.0	0.0	6.3
4	15.0	26.8	21.1	68.3	0.0	0.0	0.0	7.8
5	15.0	27.2	21.8	71.0	0.0	0.0	0.0	8.3
6	16.6	27.8	22.8	71.3	0.0	0.0	0.0	7.9
7	16.0	28.0	22.5	60.7	0.0	0.0	0.0	6.1
8	16.1	28.1	22.7	70.7	0.0	0.0	0.0	8.2
9	16.0	27.4	22.4	67.0	0.0	0.0	0.0	9.1
10	16.4	28.0	22.0	73.7	0.0	0.0	0.0	5.0
11	17.0	28.1	22.2	70.7	0.0	0.0	0.0	6.0
12	16.2	27.2	21.4	70.0	0.0	0.0	0.0	6.0
13	15.6	28.5	20.6	70.7	4.1	0.0	4.1	7.0
14	15.3	26.4	20.0	76.7	.6	6.2	6.8	4.4
15	16.3	23.5	20.0	82.7	0.0	0.0	0.0	.4
16	15.6	26.1	20.2	77.3	.2	0.0	.2	3.3
17	16.9	26.4	21.5	71.3	0.0	0.0	0.0	6.8
18	15.9	26.0	21.2	73.3	0.0	0.0	0.0	5.3
19	15.1	27.0	21.1	68.7	0.0	0.0	0.0	6.5
20	16.1	24.8	20.3	76.7	0.0	0.0	0.0	2.0
21	15.9	27.4	21.8	71.0	0.0	0.0	0.0	6.8
22	15.0	28.0	21.6	66.3	0.0	0.0	0.0	8.9
23	15.3	29.0	22.4	71.7	0.0	0.0	0.0	9.8
24	15.5	28.3	22.2	68.3	0.0	0.0	0.0	7.7
25	16.1	28.4	22.4	73.0	0.0	0.0	0.0	6.4
26	16.8	27.5	22.5	70.7	0.0	0.0	0.0	6.4
27	15.9	27.8	22.0	69.7	0.0	0.0	0.0	6.0
28	15.2	28.0	22.3	71.3	0.0	0.0	0.0	7.8
29	15.9	28.9	20.5	74.0	0.0	0.0	0.0	7.5
30	15.8	25.2	21.3	72.7	0.0	0.0	0.0	4.1
31	15.9	27.2	21.4	76.7	0.0	0.0	0.0	4.7
Total :					5.4	61.1	66.5	194.7
Promedio :	15.9	27.2	21.5	71.8				

Estación : LA BELLA
Año : 1997

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 'N
Longitud : 75 ° 40 'W
Altitud : 1450 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.0	24.7	19.7	27.0	13.0	79.5	441.1	26	99.5
Febrero	16.3	25.3	20.5	27.7	14.5	76.9	90.3	17	91.4
Marzo	16.1	26.1	20.7	28.8	13.0	75.2	354.5	20	142.8
Abril	16.3	24.9	20.2	27.3	14.0	80.2	121.1	21	90.8
Mayo	16.6	25.0	20.9	29.2	14.0	78.4	123.1	16	103.5
Junio	16.4	24.7	20.4	27.0	14.4	77.7	179.3	19	97.6
Julio	16.5	27.3	22.2	31.8	14.5	66.2	1.0	4	162.2
Agosto	16.3	29.2	23.2	31.5	14.0	58.2	0.0	0	197.8
Septiembre	16.1	26.0	20.9	30.2	14.5	74.3	124.5	14	115.4
Octubre	16.2	25.9	21.0	27.5	14.6	73.5	250.7	14	143.1
Noviembre	16.0	25.0	19.8	28.0	14.2	79.3	499.5	20	96.3
Diciembre	15.9	27.2	21.5	29.0	15.0	71.8	66.5	5	194.7
Promedio :	16.2	25.9	20.9			74.3			
Absoluta :				31.8	13.0				
Total :							2251.6	176	1535.1



Estación : PARAGUAICITO
Año : 1997

Dpto. : QUINDIO
Mpio. : BUENAVISTA

Latitud : 4 ° 23 ' N
Longitud : 75 ° 44 ' W
Altitud : 1250 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	22.0	18.7	88.0	5.6	0.0	5.6	.4
2	15.8	25.0	19.7	86.0	.3	5.0	5.3	3.0
3	17.0	25.6	20.4	77.0	.4	0.0	.4	2.8
4	15.9	28.3	20.6	79.3	1.7	10.5	12.2	5.6
5	15.2	28.1	20.7	75.7	0.0	18.6	18.6	7.0
6	17.8	28.0	20.8	79.3	2.6	0.0	2.6	4.2
7	17.9	25.0	20.8	80.7	0.0	18.4	18.4	1.6
8	17.0	28.5	21.8	71.7	0.0	0.0	0.0	7.2
9	16.7	23.9	20.2	82.0	.5	4.4	4.9	.8
10	17.1	23.1	18.5	91.0	5.2	.2	5.4	.4
11	16.3	27.1	20.6	78.7	0.0	9.9	9.9	6.9
12	17.0	28.0	20.2	81.3	7.4	18.8	26.2	5.0
13	14.8	27.9	20.0	76.3	.3	0.0	.3	7.4
14	16.2	29.0	21.0	72.3	0.0	0.0	0.0	7.4
15	16.9	27.8	20.0	75.0	14.5	13.0	27.5	5.1
16	16.8	26.0	20.1	84.0	0.0	38.2	38.2	2.1
17	16.9	25.0	19.5	84.0	18.0	6.3	24.3	2.2
18	17.0	27.0	20.5	81.7	2.0	2.4	4.4	3.1
19	17.1	27.3	20.7	78.7	0.0	21.2	21.2	5.0
20	16.9	25.7	19.0	82.0	5.5	2.7	8.2	.9
21	15.9	25.3	20.3	75.3	0.0	0.0	0.0	1.2
22	15.3	27.2	20.3	76.0	0.0	34.3	34.3	4.3
23	16.9	28.7	19.9	76.7	.5	24.6	25.1	5.6
24	13.7	27.3	20.5	71.7	0.0	0.0	0.0	7.1
25	16.5	28.0	20.6	78.3	25.7	55.2	80.9	5.2
26	16.0	26.8	20.6	72.7	0.0	4.3	4.3	3.9
27	15.1	27.0	20.2	72.0	0.0	0.0	0.0	5.4
28	15.9	28.0	21.3	71.7	0.0	.7	.7	5.4
29	17.0	28.2	21.9	74.7	0.0	2.9	2.9	5.7
30	16.4	27.8	20.2	81.0	3.9	25.5	29.4	5.8
31	16.8	25.9	20.3	77.0	.9	17.2	18.1	3.9
Total :					95.0	334.3	429.3	131.6
Promedio :	16.4	26.7	20.3	78.4				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	26.3	20.1	81.0	2.1	7.0	9.1	3.5
2	16.7	28.0	21.4	76.0	0.0	0.0	0.0	6.9
3	15.0	29.6	21.0	78.7	12.4	0.0	12.4	6.5
4	16.8	26.5	19.4	81.7	2.2	0.0	2.2	2.4
5	14.7	27.0	19.3	80.0	4.1	0.0	4.1	4.3
6	14.6	28.1	21.6	71.7	0.0	30.4	30.4	7.3
7	17.3	26.5	20.5	83.0	0.0	0.0	0.0	1.5
8	16.0	26.5	20.8	79.3	.3	0.0	.3	1.9
9	15.6	25.5	21.2	76.3	0.0	1.8	1.8	1.2
10	17.9	26.0	21.2	78.3	0.0	0.0	0.0	.4
11	17.6	25.4	21.5	80.0	0.0	0.0	0.0	.9
12	17.0	27.9	20.9	78.0	.2	.8	1.0	3.9
13	16.6	28.9	22.5	69.3	0.0	0.0	0.0	6.0
14	16.7	29.0	22.9	74.7	0.0	0.0	0.0	4.5
15	18.9	28.8	22.2	81.0	3.4	.3	3.7	4.1
16	19.0	26.0	20.9	84.0	11.5	4.4	15.9	.9
17	18.2	29.2	21.2	77.3	1.1	12.3	13.4	6.1
18	16.3	28.4	22.7	73.0	0.0	0.0	0.0	4.6
19	16.9	29.0	23.2	72.3	0.0	0.0	0.0	5.7
20	18.2	30.4	22.5	78.7	.3	0.0	.3	6.5
21	18.0	30.8	24.0	67.7	0.0	0.0	0.0	8.4
22	18.2	31.0	22.3	74.3	0.0	0.0	0.0	6.8
23	19.0	27.6	22.5	76.7	0.0	0.0	0.0	1.9
24	18.6	30.4	23.4	70.3	0.0	4.0	4.0	4.8
25	17.9	29.0	23.1	73.3	0.0	0.0	0.0	3.2
26	19.4	27.2	22.5	78.3	.2	0.0	.2	2.5
27	18.0	30.8	23.7	70.3	0.0	0.0	0.0	4.8
28	18.2	31.0	22.5	77.3	2.4	0.0	2.4	4.2
29								
30								
31								
Total :					40.2	61.0	101.2	115.7
Promedio :	17.3	28.2	21.8	76.5				

Estación : PARAGUAICITO
Año : 1997

Dpto. : QUINDIO
Mpio. : BUENAVISTA

Latitud : 4 ° 23 ' N
Longitud : 75 ° 44 ' W
Altitud : 1250 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	27.0	21.3	81.7	13.2	0.0	13.2	1.9
2	18.0	31.0	21.7	74.3	4.9	34.2	39.1	7.6
3	18.6	28.8	22.8	78.3	22.6	0.0	22.6	6.0
4	19.0	29.1	22.6	81.3	0.0	15.5	15.5	4.1
5	17.5	23.0	20.0	87.0	30.8	0.0	30.8	0.0
6	14.0	28.4	21.4	73.0	0.0	0.0	0.0	9.5
7	15.6	30.8	23.2	69.7	0.0	0.0	0.0	9.2
8	17.2	30.2	23.2	70.7	0.0	0.0	0.0	7.5
9	19.0	30.5	23.9	71.3	0.0	0.0	0.0	5.6
10	19.3	31.2	24.9	67.0	0.0	0.0	0.0	7.7
11	19.2	28.8	23.7	73.0	0.0	0.0	0.0	4.1
12	18.0	28.9	22.8	78.3	0.0	32.0	32.0	2.1
13	17.5	23.7	20.5	87.3	8.7	.1	8.8	.5
14	17.1	29.2	22.6	76.0	0.0	0.0	0.0	5.2
15	17.2	30.8	20.8	81.7	42.2	0.0	42.2	5.7
16	17.0	26.1	20.6	84.7	7.7	25.4	33.1	1.1
17	18.2	23.8	20.2	90.0	9.7	0.0	9.7	.3
18	18.0	27.0	21.1	80.0	0.0	3.3	3.3	1.8
19	16.7	25.9	21.1	84.7	0.0	2.0	2.0	2.0
20	17.0	29.5	21.2	74.7	1.6	.2	1.8	4.7
21	16.2	28.9	19.8	79.7	14.4	0.0	14.4	3.7
22	15.0	29.5	22.2	70.0	0.0	1.5	1.5	8.7
23	18.0	29.9	22.4	70.7	0.0	0.0	0.0	8.1
24	16.2	30.5	23.1	70.7	0.0	0.0	0.0	9.1
25	15.5	30.0	22.8	67.0	0.0	0.0	0.0	8.3
26	18.1	29.5	23.2	66.7	0.0	.1	.1	7.4
27	17.0	31.0	22.8	68.3	.1	0.0	.1	8.9
28	16.8	29.6	22.8	68.0	0.0	0.0	0.0	7.6
29	16.0	29.6	22.7	70.0	0.0	0.0	0.0	5.9
30	17.6	27.9	21.1	79.3	.8	0.0	.8	.6
31	16.1	30.0	20.5	78.0	4.9	0.0	4.9	4.2
Total :					161.6	114.3	275.9	159.1
Promedio :	17.2	28.7	22.0	75.9				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	26.0	20.5	81.3	2.0	.5	2.5	1.8
2	15.6	30.0	23.1	71.7	0.0	0.0	0.0	6.0
3	17.0	30.1	21.0	80.3	10.3	1.2	11.5	6.0
4	19.2	25.5	21.9	81.0	0.0	0.0	0.0	2.3
5	18.5	28.5	22.5	75.7	0.0	0.0	0.0	5.5
6	17.6	30.6	21.6	77.7	12.2	1.4	13.6	6.0
7	16.9	28.6	22.2	75.0	0.0	0.0	0.0	5.3
8	18.0	29.2	22.2	79.7	0.0	0.0	0.0	2.6
9	19.1	29.6	23.8	71.7	0.0	4.1	4.1	4.4
10	20.1	26.9	23.0	89.0	1.7	.2	1.9	.9
11	19.0	28.5	23.2	79.7	.5	0.0	.5	1.8
12	18.4	31.0	23.2	76.0	0.0	0.0	0.0	6.5
13	19.9	28.5	21.7	83.3	0.0	0.0	0.0	3.3
14	17.6	28.0	22.5	79.0	0.0	0.0	0.0	2.8
15	18.3	29.9	21.2	80.7	16.8	0.0	16.8	3.7
16	16.5	30.0	23.6	72.3	0.0	0.0	0.0	8.6
17	19.2	26.1	21.7	85.7	0.0	.9	.9	.6
18	17.2	27.1	21.2	76.3	.6	0.0	.6	1.0
19	18.3	26.5	20.8	81.0	3.6	9.2	12.8	1.4
20	18.0	23.5	20.3	85.0	6.7	6.6	13.3	.3
21	18.2	25.7	20.8	81.3	2.9	3.0	5.9	1.1
22	18.5	24.1	20.4	84.3	2.5	.1	2.6	.4
23	17.8	27.7	22.1	77.3	0.0	30.4	30.4	3.1
24	17.0	28.6	22.2	77.3	.6	3.3	3.9	5.7
25	17.9	22.2	19.9	90.3	12.0	0.0	12.0	0.0
26	16.5	27.8	22.0	74.7	0.0	21.5	21.5	3.5
27	18.5	27.5	21.4	77.7	0.0	.2	.2	4.8
28	18.1	28.0	21.4	79.3	0.0	0.0	0.0	4.3
29	17.0	29.5	23.1	72.0	0.0	0.0	0.0	7.3
30	17.0	29.5	23.2	73.3	0.0	0.0	0.0	4.3
31								
Total :					72.4	82.6	155.0	105.3
Promedio :	17.9	27.8	21.9	79.0				

Estación : PARAGUAICITO
Año : 1997

Dpto. : QUINDIO
Mpio. : BUENAVISTA

Latitud : 4 ° 23 ' N
Longitud : 75 ° 44 ' W
Altitud : 1250 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	27.6	22.2	72.7	0.0	0.0	0.0	3.9
2	18.6	28.4	22.9	73.3	0.0	0.0	0.0	2.3
3	19.0	29.4	23.0	71.7	0.0	.6	.6	3.3
4	19.9	28.2	22.4	79.0	.5	0.0	.5	2.6
5	16.3	29.1	22.8	74.3	0.0	0.0	0.0	6.7
6	19.2	29.0	23.4	71.0	0.0	0.0	0.0	3.0
7	18.7	29.1	20.9	85.0	24.5	0.0	24.5	3.5
8	15.9	30.6	23.0	70.3	0.0	0.0	0.0	9.0
9	18.5	28.0	22.5	81.0	1.1	0.0	1.1	2.8
10	19.0	28.6	21.9	80.0	.8	52.6	53.4	5.6
11	17.5	24.0	20.3	85.7	.9	0.0	.9	0.0
12	18.2	26.7	21.2	77.7	0.0	8.6	8.6	1.2
13	18.0	26.8	21.2	81.0	.2	0.0	.2	2.0
14	16.2	28.0	20.8	82.0	24.5	0.0	24.5	4.1
15	18.1	27.4	22.0	79.7	0.0	0.0	0.0	5.1
16	17.8	30.0	23.2	73.7	0.0	0.0	0.0	7.4
17	18.5	30.7	23.8	71.7	0.0	0.0	0.0	6.8
18	18.2	30.6	23.8	66.7	0.0	0.0	0.0	7.3
19	19.2	27.8	22.7	77.0	0.0	0.0	0.0	1.1
20	19.6	26.7	22.5	79.3	0.0	0.0	0.0	.6
21	18.5	30.7	22.1	78.7	18.8	.1	18.9	5.9
22	19.1	26.8	21.6	77.7	0.0	0.0	0.0	2.4
23	17.3	30.5	23.6	74.0	0.0	0.0	0.0	10.1
24	19.5	29.5	22.5	82.7	0.0	0.0	0.0	4.3
25	18.8	28.2	21.5	85.0	23.9	1.2	25.1	0.0
26	19.5	26.7	20.9	87.3	3.7	4.1	7.8	.1
27	18.0	28.2	22.3	79.7	0.0	0.0	0.0	5.2
28	19.3	27.0	22.5	77.0	0.0	0.0	0.0	2.0
29	18.0	28.9	22.1	78.3	0.0	0.0	0.0	5.7
30	18.5	27.9	21.2	81.0	29.4	0.0	29.4	2.4
31	17.4	26.0	21.4	81.7	0.0	.6	.6	2.8
Total					128.3	67.8	196.1	119.2
Promedio	18.3	28.3	22.2	77.9				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	29.1	22.1	79.7	.3	0.0	.3	2.7
2	17.1	27.9	22.5	79.3	0.0	0.0	0.0	3.2
3	17:5	28.8	22.5	77.7	.5	18.2	18.7	3.6
4	18.2	22.9	19.8	86.0	5.9	0.0	5.9	0.0
5	16.9	27.5	21.8	71.3	0.0	0.0	0.0	7.2
6	18.4	28.0	21.9	79.3	0.0	9.9	9.9	2.0
7	18.0	24.6	19.9	85.7	5.5	10.5	16.0	.5
8	17.0	24.2	19.6	83.7	5.2	0.0	5.2	.8
9	16.0	26.2	20.2	80.0	24.3	16.7	41.0	1.5
10	16.5	28.5	21.2	78.3	0.0	3.8	3.8	7.6
11	18.5	27.5	22.0	80.0	0.0	4.8	4.8	4.6
12	18.4	28.1	21.5	77.7	1.8	.1	1.9	3.0
13	17.3	25.5	20.9	82.7	.3	0.0	.3	1.7
14	18.7	28.5	22.4	74.7	0.0	0.0	0.0	7.2
15	16.6	29.2	21.9	72.3	0.0	0.0	0.0	6.7
16	18.4	29.0	23.0	74.7	0.0	0.0	0.0	3.3
17	19.0	30.0	22.3	78.3	.8	0.0	.8	3.7
18	18.7	28.1	22.1	80.0	.1	8.9	9.0	1.9
19	18.4	26.2	22.4	77.0	1.2	.1	1.3	2.2
20	19.0	28.6	21.7	78.3	24.1	2.5	26.6	7.1
21	17.0	29.5	23.0	71.3	0.0	0.0	0.0	7.9
22	17.5	30.8	23.4	73.3	0.0	0.0	0.0	9.3
23	18.7	30.3	23.5	75.7	0.0	0.0	0.0	7.2
24	19.7	27.0	22.1	82.3	0.0	1.0	1.0	.5
25	18.8	27.5	21.6	80.0	.5	.1	.6	3.5
26	18.9	27.0	21.0	82.7	.2	.4	.6	1.6
27	17.6	28.5	21.9	77.3	0.0	0.0	0.0	6.3
28	17.0	29.5	23.2	73.0	0.0	.1	.1	8.3
29	18.7	30.0	23.2	69.7	0.0	3.0	3.0	7.6
30	18.9	28.1	22.7	74.0	0.0	1.0	1.0	5.9
31								
Total					70.7	81.1	151.8	128.6
Promedio	18.0	27.9	21.9	77.9				

Estación : PARAGUAICITO
Año : 1997

Dpto. : QUINDIO
Mpio. : BUENAVISTA

Latitud : 4 ° 23 ' N
Longitud : 75 ° 44 ' W
Altitud : 1250 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	29.0	23.4	74.0	0.0	0.0	0.0	5.1
2	15.5	29.6	22.2	70.7	0.0	0.0	0.0	10.3
3	17.5	29.3	23.0	69.7	0.0	0.0	0.0	7.9
4	17.0	30.0	23.2	69.7	0.0	0.0	0.0	6.1
5	18.0	26.5	22.1	76.3	0.0	0.0	0.0	2.4
6	17.0	30.1	24.0	69.3	0.0	0.0	0.0	8.3
7	18.5	29.4	23.8	71.3	0.0	0.0	0.0	6.1
8	18.0	26.7	22.4	78.0	0.0	0.0	0.0	2.5
9	17.9	26.6	22.2	72.3	0.0	0.0	0.0	1.5
10	17.4	28.9	22.1	72.0	0.0	0.0	0.0	5.9
11	17.9	26.1	22.4	71.3	0.0	0.0	0.0	2.1
12	18.6	27.9	22.8	62.7	0.0	0.0	0.0	3.0
13	15.5	33.5	25.7	49.0	0.0	0.0	0.0	9.8
14	16.2	31.3	24.0	56.3	0.0	0.0	0.0	7.3
15	16.0	27.2	21.1	75.7	.6	0.0	.6	3.4
16	18.0	29.2	23.4	68.3	0.0	0.0	0.0	4.7
17	18.8	28.6	24.1	61.3	0.0	0.0	0.0	4.3
18	18.0	33.0	25.4	50.7	0.0	0.0	0.0	9.8
19	17.8	33.6	24.9	50.7	0.0	0.0	0.0	10.0
20	16.3	32.5	25.1	51.0	0.0	0.0	0.0	8.5
21	15.5	31.2	24.3	54.7	0.0	0.0	0.0	5.7
22	16.0	27.6	22.3	67.0	0.0	0.0	0.0	3.0
23	17.4	34.5	26.7	45.7	0.0	0.0	0.0	10.3
24	17.0	34.5	25.2	52.7	0.0	0.0	0.0	9.8
25	17.5	28.5	23.0	68.7	0.0	0.0	0.0	0.0
26	16.0	33.6	24.5	54.3	0.0	0.0	0.0	6.4
27	17.4	28.5	22.7	68.0	0.0	0.0	0.0	.7
28	16.2	30.4	22.5	68.3	0.0	0.0	0.0	4.1
29	16.8	30.2	21.2	75.0	11.6	0.0	11.6	6.5
30	18.5	29.2	22.4	72.3	0.0	0.0	0.0	5.1
31	17.9	30.5	23.8	66.7	0.0	0.0	0.0	7.9
Total :					12.2	0.0	12.2	178.5
Promedio :	17.3	29.9	23.4	65.0				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.1	33.0	24.7	60.7	0.0	0.0	0.0	9.6
2	17.0	29.5	22.5	72.3	0.0	0.0	0.0	3.3
3	16.8	32.0	24.2	54.3	0.0	0.0	0.0	6.4
4	15.2	32.0	24.7	53.3	0.0	0.0	0.0	8.5
5	16.0	34.0	25.8	50.0	0.0	0.0	0.0	9.2
6	18.6	33.5	24.6	53.7	0.0	0.0	0.0	8.5
7	18.5	34.0	26.2	48.7	0.0	0.0	0.0	6.6
8	16.3	33.0	25.5	51.0	0.0	0.0	0.0	8.5
9	17.5	29.9	24.7	50.3	0.0	0.0	0.0	6.6
10	16.5	31.0	23.3	57.3	0.0	0.0	0.0	3.8
11	16.0	31.5	23.6	63.0	0.0	0.0	0.0	6.5
12	17.6	30.2	24.6	61.0	0.0	0.0	0.0	5.1
13	17.7	30.1	23.8	63.7	0.0	0.0	0.0	3.3
14	18.2	29.0	22.1	72.3	0.0	0.0	0.0	3.3
15	16.0	33.7	24.6	58.0	0.0	0.0	0.0	7.5
16	16.5	33.0	24.3	60.0	0.0	0.0	0.0	7.1
17	17.0	31.4	23.6	63.0	0.0	0.0	0.0	6.4
18	17.4	31.6	24.3	58.7	0.0	0.0	0.0	8.5
19	16.6	28.5	22.0	68.3	0.0	0.0	0.0	3.2
20	17.2	33.0	25.2	50.0	0.0	0.0	0.0	8.8
21	14.8	35.0	24.4	47.7	0.0	0.0	0.0	9.9
22	17.8	32.8	24.6	56.7	0.0	0.0	0.0	8.4
23	18.0	28.5	23.5	61.0	0.0	0.0	0.0	3.1
24	16.0	32.3	23.8	63.7	0.0	0.0	0.0	8.3
25	16.1	33.6	24.9	60.7	0.0	0.0	0.0	9.1
26	17.9	33.0	25.2	62.0	0.0	0.0	0.0	5.8
27	18.3	32.0	24.2	54.0	0.0	0.0	0.0	4.0
28	15.8	33.0	25.7	39.7	0.0	0.0	0.0	7.8
29	15.0	34.5	25.4	46.7	0.0	0.0	0.0	8.1
30	14.9	33.0	25.0	52.7	0.0	0.0	0.0	9.0
31	16.5	33.5	23.8	65.0	0.0	0.0	0.0	6.9
Total :					0.0	0.0	0.0	211.1
Promedio :	16.8	32.1	24.3	57.4				

Estación : PARAGUAICITO **Dpto. : QUINDIO** **Latitud : 4 ° 23 ' N**
Año : 1997 **Mpio. : BUENAVISTA** **Longitud : 75 ° 44 ' W**
Altitud : 1250 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	29.5	21.2	78.7	.3	0.0	.3	2.2
2	17.1	29.0	22.2	73.0	.1	0.0	.1	3.1
3	17.5	26.9	22.0	72.3	0.0	0.0	0.0	2.3
4	16.5	33.0	22.7	72.3	4.4	0.0	4.4	7.7
5	17.0	31.6	21.4	74.7	20.9	23.4	44.3	5.6
6	17.5	28.6	22.1	72.3	.2	0.0	.2	5.3
7	17.8	29.5	20.6	77.0	54.0	41.8	95.8	4.1
8	18.0	29.4	21.3	83.7	.2	0.0	.2	1.3
9	18.5	27.5	22.2	76.0	0.0	0.0	0.0	1.7
10	17.8	29.5	23.4	70.3	0.0	0.0	0.0	3.9
11	17.5	31.0	24.0	71.7	0.0	0.0	0.0	4.6
12	18.0	29.9	23.6	71.3	0.0	0.0	0.0	3.0
13	18.2	31.8	23.4	63.3	0.0	0.0	0.0	4.9
14	17.0	31.2	23.5	67.0	0.0	0.0	0.0	6.1
15	17.1	31.5	24.6	62.3	0.0	0.0	0.0	8.0
16	17.5	31.2	23.6	66.0	0.0	0.0	0.0	4.5
17	17.0	32.0	23.9	64.3	0.0	0.0	0.0	8.8
18	15.5	29.0	23.2	64.7	0.0	0.0	0.0	5.4
19	18.0	29.6	22.8	73.3	2.5	1.5	4.0	3.0
20	18.8	27.6	22.2	78.7	0.0	0.0	0.0	.8
21	16.8	30.5	21.9	73.7	1.5	6.2	7.7	4.6
22	18.5	26.2	21.0	81.3	0.0	13.7	13.7	1.0
23	17.8	27.0	21.4	76.7	.2	4.9	5.1	2.1
24	18.8	25.4	20.4	84.3	5.1	0.0	5.1	.3
25	17.9	26.5	21.4	77.0	1.8	0.0	1.8	1.3
26	18.8	28.7	23.1	73.0	0.0	0.0	0.0	2.4
27	17.0	26.2	21.7	78.7	0.0	0.0	0.0	1.6
28	17.4	28.0	21.2	78.0	2.5	0.0	2.5	3.8
29	15.6	29.5	23.0	66.0	0.0	0.0	0.0	7.0
30	16.6	31.5	21.1	76.3	17.3	0.0	17.3	7.3
31								
Total :					111.0	91.5	202.5	117.7
Promedio :	17.5	29.3	22.3	73.3				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	29.8	23.1	69.0	0.0	.2	.2	7.3
2	18.5	28.6	22.3	72.7	0.0	0.0	0.0	2.8
3	17.5	26.0	22.2	76.0	0.0	0.0	0.0	.3
4	19.5	31.0	24.3	66.7	0.0	0.0	0.0	7.7
5	19.2	29.0	23.4	71.0	.1	0.0	.1	3.5
6	18.1	27.7	22.6	74.3	0.0	0.0	0.0	2.4
7	17.0	31.5	22.6	70.7	0.0	0.0	0.0	7.3
8	16.5	29.7	20.3	71.3	.1	0.0	.1	6.3
9	16.2	31.0	23.3	66.7	0.0	5.7	5.7	7.0
10	18.0	30.3	22.7	70.0	0.0	131.3	131.3	6.1
11	17.7	28.0	21.5	80.0	.6	5.4	6.0	2.3
12	18.2	29.8	23.7	68.7	0.0	7.4	7.4	5.3
13	18.6	27.5	21.8	74.0	.4	0.0	.4	5.0
14	17.5	29.5	23.2	68.0	0.0	.2	.2	9.0
15	17.5	28.8	22.2	69.3	0.0	0.0	0.0	4.9
16	17.2	26.5	22.2	72.3	0.0	7.3	7.3	2.3
17	18.0	27.9	21.8	70.7	.5	1.4	1.9	4.4
18	17.8	28.2	21.7	73.3	0.0	16.7	16.7	6.0
19	18.5	27.8	21.7	77.7	0.0	0.0	0.0	3.4
20	18.1	29.6	23.9	70.3	.1	18.0	18.1	5.4
21	18.7	27.9	22.4	77.7	0.0	3.6	3.6	3.6
22	19.0	28.1	22.0	75.3	0.0	0.0	0.0	2.2
23	16.0	29.5	22.6	70.7	0.0	0.0	0.0	7.3
24	18.2	31.0	22.2	75.7	3.1	0.0	3.1	6.9
25	16.2	30.1	23.2	73.7	0.0	0.0	0.0	4.9
26	18.2	30.5	23.7	71.7	0.0	0.0	0.0	6.1
27	18.4	28.8	23.3	71.3	.5	0.0	.5	4.1
28	17.9	28.5	23.1	71.0	0.0	0.0	0.0	2.4
29	18.1	30.8	23.0	70.7	0.0	0.0	0.0	5.3
30	18.0	30.5	23.4	69.7	0.0	0.0	0.0	5.9
31	17.9	29.1	21.8	76.0	.3	0.0	.3	3.1
Total :					5.7	197.2	202.9	150.5
Promedio :	17.8	29.1	22.6	72.1				

Estación : PARAGUAICITO
Año : 1997

Dpto. : QUINDIO
Mpio. : BUENAVISTA

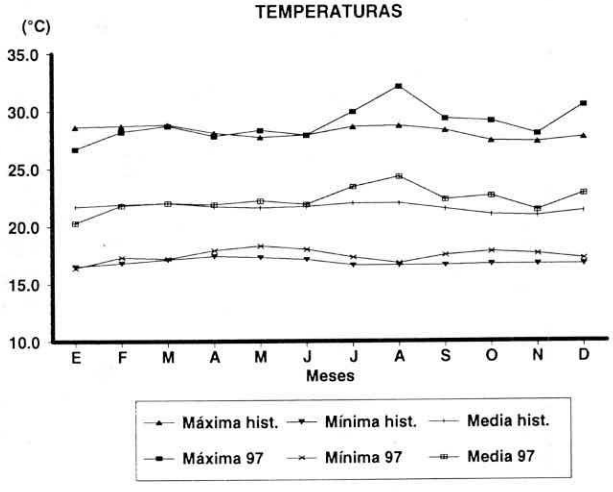
Latitud : 4 ° 23 ' N
Longitud : 75 ° 44 ' W
Altitud : 1250 m

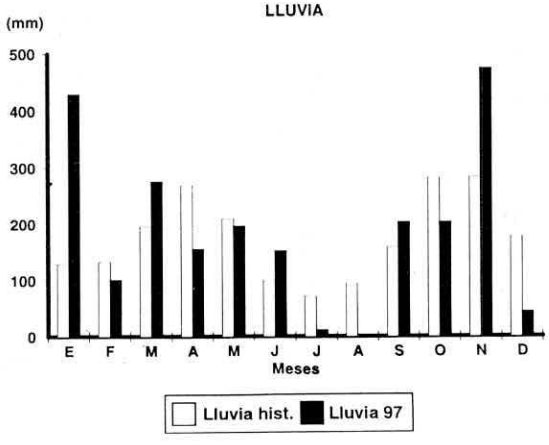
Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	30.1	22.6	78.3	0.0	0.0	0.0	5.2
2	16.0	31.5	23.2	72.0	.4	0.0	.4	8.8
3	19.0	27.5	22.0	77.7	0.0	0.0	0.0	.9
4	18.5	28.1	21.1	82.3	7.2	0.0	7.2	3.3
5	17.0	29.5	23.2	77.3	0.0	12.8	12.8	3.4
6	19.5	28.5	22.4	79.0	.2	0.0	.2	8.0
7	19.0	26.5	21.6	82.3	6.7	87.5	94.2	1.7
8	18.4	21.0	19.4	92.0	20.0	1.0	21.0	0.0
9	18.0	26.2	20.3	81.0	9.7	8.1	17.8	.4
10	17.8	27.5	21.4	79.3	1.7	2.6	4.3	2.6
11	18.1	28.8	22.0	78.3	0.0	1.1	1.1	3.5
12	18.5	27.0	20.9	82.0	41.7	29.2	70.9	3.7
13	17.8	25.5	20.4	81.3	6.8	11.1	17.9	2.2
14	17.0	28.8	20.0	76.7	7.4	.4	7.8	4.2
15	17.2	26.9	20.3	78.3	0.0	0.0	0.0	5.0
16	16.0	27.8	20.8	73.7	0.0	0.0	0.0	5.1
17	18.0	27.0	21.0	81.3	3.6	0.0	3.6	1.5
18	16.5	27.4	21.5	75.7	0.0	0.0	0.0	3.8
19	17.2	28.6	20.8	78.3	36.3	14.8	51.1	4.2
20	18.0	26.5	21.2	79.7	.7	5.5	6.2	2.5
21	17.5	28.6	22.1	76.7	0.0	0.0	0.0	5.8
22	17.3	30.5	23.0	75.3	0.0	0.0	0.0	8.7
23	17.5	29.5	21.6	78.3	29.9	4.3	34.2	5.2
24	18.4	29.5	22.2	79.0	0.0	74.0	74.0	2.7
25	18.5	25.9	19.6	85.0	23.0	4.0	27.0	.9
26	17.5	25.5	20.9	80.0	0.0	.5	.5	.4
27	17.4	29.3	22.1	73.3	0.0	0.0	0.0	6.8
28	17.0	31.2	22.8	69.3	0.0	0.0	0.0	9.2
29	17.0	29.9	21.2	76.0	1.3	12.8	14.1	4.5
30	15.1	30.0	20.5	75.3	6.2	.2	6.4	7.5
31								
Total					202.8	269.9	472.7	121.7
Promedio	17.6	28.0	21.4	78.5				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	30.5	22.8	71.0	0.0	11.9	11.9	7.7
2	17.4	29.8	21.0	78.3	12.6	.1	12.7	6.2
3	19.0	30.2	22.2	73.3	0.0	0.0	0.0	6.4
4	16.0	29.9	22.0	70.0	0.0	0.0	0.0	9.4
5	16.5	30.6	23.2	69.0	0.0	0.0	0.0	9.2
6	18.3	30.9	23.6	72.0	0.0	0.0	0.0	6.8
7	18.0	31.2	23.4	71.0	0.0	0.0	0.0	7.4
8	17.0	31.4	22.8	70.0	0.0	0.0	0.0	8.0
9	17.0	31.2	23.1	68.7	0.0	0.0	0.0	8.8
10	17.2	29.9	22.8	74.3	0.0	0.0	0.0	4.7
11	18.5	31.3	24.4	67.7	0.0	0.0	0.0	8.0
12	18.0	30.0	22.8	73.3	0.0	0.0	0.0	5.3
13	17.0	31.0	22.8	72.7	.5	0.0	.5	7.7
14	16.5	30.2	21.4	77.0	14.6	1.3	15.9	6.3
15	18.0	25.3	21.0	83.0	0.0	0.0	0.0	0.0
16	17.0	29.9	22.8	69.0	0.0	0.0	0.0	5.7
17	18.2	30.3	23.2	69.7	0.0	0.0	0.0	8.5
18	17.0	30.5	22.8	69.7	0.0	0.0	0.0	7.3
19	16.5	29.8	22.4	71.0	0.0	0.0	0.0	9.1
20	17.5	27.8	22.0	73.7	0.0	0.0	0.0	1.2
21	16.8	31.2	23.1	71.3	0.0	0.0	0.0	7.8
22	16.9	30.5	23.6	67.0	0.0	0.0	0.0	8.9
23	16.0	32.2	23.3	66.3	0.0	0.0	0.0	9.4
24	17.0	31.5	23.5	66.7	0.0	0.0	0.0	7.7
25	17.2	30.8	23.3	69.7	0.0	0.0	0.0	7.6
26	17.5	30.6	23.0	67.0	0.0	0.0	0.0	7.5
27	17.0	32.0	23.1	68.7	0.0	0.0	0.0	8.0
28	16.2	31.8	24.2	65.3	0.0	0.0	0.0	8.6
29	16.3	31.5	21.2	74.3	2.9	0.0	2.9	7.7
30	16.5	29.0	22.8	70.7	0.0	0.0	0.0	4.3
31	17.2	31.8	22.5	74.7	0.0	0.0	0.0	7.1
Total					30.6	13.3	43.9	218.3
Promedio	17.2	30.5	22.8	71.2				

Estación : PARAGUAICITO **Dpto. :** QUINDIO **Latitud :** 4 ° 23 'N
Año : 1997 **Mpio. :** BUENAVISTA **Longitud :** 75 ° 44 'W
Altitud : 1250 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.4	26.7	20.3	29.0	13.7	78.4	429.3	26	131.6
Febrero	17.3	28.2	21.8	31.0	14.6	76.5	101.2	15	115.7
Marzo	17.2	28.7	22.0	31.2	14.0	75.9	275.9	19	159.1
Abril	17.9	27.8	21.9	31.0	15.6	79.0	155.0	18	105.3
Mayo	18.3	28.3	22.2	30.7	15.9	77.9	196.1	14	119.2
Junio	18.0	27.9	21.9	30.8	16.0	77.9	151.8	21	128.6
Julio	17.3	29.9	23.4	34.5	15.5	65.0	12.2	2	178.5
Agosto	16.8	32.1	24.3	35.0	14.8	57.4	0.0	0	211.1
Septiembre	17.5	29.3	22.3	33.0	15.5	73.3	202.5	15	117.7
Octubre	17.8	29.1	22.6	31.5	16.0	72.1	202.9	17	150.5
Noviembre	17.6	28.0	21.4	31.5	15.1	78.5	472.7	21	121.7
Diciembre	17.2	30.5	22.8	32.2	16.0	71.2	43.9	5	218.3
Promedio :	17.4	28.9	22.2			73.6			
Absoluta :				35.0	13.7				
Total :							2243.5	173	1757.3





Estación : OSPIRMA
Año : 1997

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	18.4	16.6	96.7	36.5	.6	37.1	8.0
2	15.0	21.2	17.6	86.3	0.0	1.0	1.0	1.4
3	15.2	22.6	18.3	90.0	2.2	0.0	2.2	3.0
4	15.0	23.8	18.6	79.0	0.0	0.0	0.0	6.0
5	15.4	24.7	18.8	78.7	0.0	0.0	0.0	8.7
6	15.6	24.3	18.5	81.7	0.0	15.1	15.1	4.4
7	15.3	21.4	17.8	92.0	15.6	0.0	15.6	0.0
8	15.0	25.2	18.8	77.7	0.0	0.0	0.0	9.8
9	15.6	24.5	19.2	83.0	1.2	3.2	4.4	3.4
10	15.4	23.6	17.4	89.7	7.5	6.8	14.3	1.7
11	15.4	24.2	18.2	84.7	5.2	0.0	5.2	2.9
12	14.6	22.3	17.8	90.7	6.0	3.6	9.6	4.9
13	14.8	25.0	18.5	81.7	0.0	0.0	0.0	8.6
14	13.8	25.6	18.6	78.3	0.0	0.0	0.0	7.5
15	14.6	24.2	18.4	82.7	0.0	6.2	6.2	6.2
16	14.2	23.4	18.2	81.0	0.0	1.9	1.9	5.3
17	15.0	21.9	17.2	90.7	0.0	0.0	0.0	2.0
18	14.6	24.0	18.4	84.7	.6	1.1	1.7	5.9
19	12.6	25.6	18.2	71.3	0.0	0.0	0.0	9.0
20	13.9	20.8	17.5	87.3	.7	0.0	.7	.6
21	14.8	23.2	18.1	84.3	3.1	0.0	3.1	.6
22	14.2	24.1	18.7	77.7	0.0	0.0	0.0	1.5
23	14.8	24.8	18.3	86.3	.6	5.3	5.9	5.1
24	13.0	24.6	18.3	77.7	0.0	0.0	0.0	6.6
25	15.2	25.0	18.8	78.7	0.0	10.7	10.7	5.7
26	15.8	23.2	18.2	87.0	1.7	2.5	4.2	5.0
27	14.4	23.0	17.7	86.0	0.0	0.0	0.0	4.6
28	15.2	25.2	19.4	77.0	0.0	0.0	0.0	7.1
29	15.0	24.9	19.2	80.7	0.0	.2	.2	6.0
30	15.4	24.5	19.2	81.3	0.0	0.0	0.0	6.5
31	14.4	24.6	19.0	77.0	0.0	5.9	5.9	4.6
Total					80.9	64.1	145.0	152.6
Promedio :	14.8	23.7	18.3	83.3				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.1	24.4	18.2	80.7	0.0	1.4	1.4	6.2
2	14.3	24.3	18.3	85.3	2.9	3.5	6.4	5.4
3	15.4	25.4	18.9	78.0	.5	0.0	.5	5.8
4	14.1	23.8	17.8	81.3	0.0	0.0	0.0	4.2
5	13.6	24.5	18.0	77.7	0.0	0.0	0.0	6.0
6	14.4	24.8	18.8	79.7	0.0	9.0	9.0	5.7
7	14.8	23.6	17.3	95.0	13.8	.7	14.5	6.1
8	15.2	24.4	18.5	84.3	.7	0.0	.7	2.2
9	15.6	26.0	19.5	80.0	0.0	2.0	2.0	3.6
10	14.2	23.6	18.4	84.0	0.0	.3	.3	5.2
11	15.9	22.8	18.5	86.0	0.0	.8	.8	.6
12	15.0	25.4	19.5	83.3	0.0	17.7	17.7	4.1
13	14.4	25.2	18.6	81.7	0.0	0.0	0.0	7.2
14	15.2	26.2	20.1	77.0	0.0	9.2	9.2	9.2
15	16.4	25.3	19.8	82.7	0.0	0.0	0.0	4.4
16	16.0	23.7	19.2	84.3	0.0	.1	.1	1.8
17	15.6	24.0	18.8	80.7	0.0	0.0	0.0	4.0
18	14.6	25.6	19.0	80.3	1.5	1.6	3.1	6.9
19	15.9	26.2	20.1	75.3	0.0	7.4	7.4	8.6
20	15.6	25.2	20.3	76.7	0.0	0.0	0.0	5.3
21	16.6	26.4	20.2	79.7	0.0	.9	.9	7.4
22	16.8	26.4	20.3	84.0	0.0	11.8	11.8	5.5
23	15.4	26.2	20.2	74.7	0.0	0.0	0.0	2.7
24	17.1	25.4	20.9	76.7	0.0	.9	.9	1.7
25	15.9	23.8	19.4	85.3	0.0	0.0	0.0	.1
26	16.2	27.2	20.6	75.7	0.0	0.0	0.0	5.2
27	15.6	27.1	21.0	75.0	0.0	0.0	0.0	8.7
28	17.4	27.4	21.8	78.7	0.0	0.0	0.0	7.0
29								
30								
31								
Total					19.4	67.3	86.7	140.8
Promedio :	15.4	25.2	19.4	80.9				

Estación : OSPIRMA
Año : 1997

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	22.4	19.5	85.3	7.8	0.0	7.8	.1
2	16.6	24.6	20.2	80.3	0.0	1.9	1.9	2.5
3	16.8	24.4	20.3	83.3	.3	0.0	.3	2.3
4	15.6	27.2	20.2	76.7	0.0	.5	.5	8.7
5	15.5	22.0	17.6	90.0	5.2	0.0	5.2	.2
6	13.9	27.2	20.1	72.3	0.0	0.0	0.0	7.1
7	14.4	27.4	20.9	69.3	0.0	0.0	0.0	9.4
8	14.8	27.8	20.6	73.7	0.0	0.0	0.0	6.0
9	15.6	27.4	21.2	73.3	0.0	2.9	2.9	7.8
10	16.6	27.6	21.6	75.3	0.0	3.1	3.1	5.9
11	17.4	27.5	21.2	78.3	0.0	8.4	8.4	5.9
12	16.6	26.0	20.1	81.3	1.0	3.9	4.9	4.0
13	16.7	19.2	17.2	96.7	7.1	.3	7.4	0.0
14	13.6	26.4	19.6	81.3	0.0	0.0	0.0	10.0
15	15.8	27.4	20.8	74.3	0.0	.2	.2	9.4
16	16.6	24.0	19.5	85.7	0.0	12.5	12.5	2.7
17	15.6	20.6	17.9	93.0	1.5	15.5	17.0	.1
18	16.4	23.6	19.2	86.3	4.0	1.7	5.7	1.7
19	15.6	24.2	18.4	83.3	0.0	1.8	1.8	.8
20	14.4	23.8	18.2	82.3	2.8	0.0	2.8	2.0
21	14.6	24.3	18.6	80.7	0.0	2.8	2.8	2.7
22	14.8	24.8	19.1	79.3	0.0	2.9	2.9	7.7
23	15.4	23.8	18.4	82.3	1.6	0.0	1.6	5.6
24	14.9	25.4	19.3	73.3	0.0	0.0	0.0	7.8
25	15.8	26.0	19.4	74.0	0.0	0.0	0.0	9.2
26	13.8	25.2	19.0	73.7	0.0	0.0	0.0	8.0
27	15.4	25.4	19.8	63.7	0.0	0.0	0.0	7.6
28	15.8	25.6	19.7	74.3	0.0	2.9	2.9	4.8
29	15.4	25.1	19.4	78.3	0.0	0.0	0.0	2.5
30	15.2	24.8	19.0	80.0	0.0	1.0	1.0	5.2
31	15.8	25.1	19.3	80.3	.7	.3	1.0	4.9
Total :					32.0	62.6	94.6	152.6
Promedio :	15.6	25.0	19.5	79.4				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	25.6	19.0	79.0	.5	.1	.6	3.3
2	15.8	25.9	19.4	77.3	2.0	0.0	2.0	6.1
3	15.4	27.3	20.0	77.0	0.0	9.7	9.7	6.9
4	15.5	25.6	19.4	82.0	.3	0.0	.3	5.7
5	15.2	26.6	20.0	79.0	0.0	0.0	0.0	9.1
6	16.0	26.0	19.1	81.0	10.9	0.0	10.9	6.8
7	14.8	25.4	18.9	78.0	0.0	0.0	0.0	5.5
8	16.4	25.8	20.1	80.7	0.0	0.0	0.0	4.2
9	15.6	25.2	19.8	81.7	0.0	0.0	0.0	6.5
10	16.4	24.3	19.4	83.3	2.7	36.4	39.1	.5
11	14.4	24.0	18.4	89.0	0.0	0.0	0.0	.5
12	16.0	26.8	20.8	78.7	0.0	0.0	0.0	9.1
13	17.0	25.4	19.2	86.0	0.0	0.0	0.0	2.4
14	15.6	24.9	19.4	82.0	.9	0.0	.9	3.2
15	16.2	26.1	19.8	75.3	5.7	0.0	5.7	5.1
16	14.8	27.4	21.1	73.7	0.0	6.2	6.2	6.7
17	16.4	23.3	19.0	83.0	4.0	0.0	4.0	3.0
18	16.6	25.4	19.9	80.7	1.5	0.0	1.5	1.6
19	15.6	25.0	19.4	80.0	7.7	10.8	18.5	3.4
20	14.2	22.2	17.1	96.3	3.6	24.0	27.6	.6
21	15.2	24.4	18.8	83.0	0.0	27.0	27.0	3.3
22	15.0	20.4	17.2	91.3	.6	.1	.7	.3
23	15.4	24.5	18.8	83.3	.6	2.2	2.8	2.4
24	15.2	26.3	19.3	78.0	0.0	0.0	0.0	2.6
25	16.0	22.4	18.1	88.7	14.8	0.0	14.8	.6
26	14.8	24.6	18.1	80.7	1.3	9.8	11.1	3.6
27	15.6	24.4	19.0	84.7	3.3	11.0	14.3	5.0
28	14.2	24.6	18.8	78.3	0.0	0.0	0.0	9.2
29	14.0	27.1	20.7	76.3	0.0	.2	.2	9.5
30	16.0	25.7	20.6	72.3	0.0	0.0	0.0	2.1
31								
Total :					60.4	137.5	197.9	128.8
Promedio :	15.5	25.1	19.3	81.3				

Estación : OSPIRMA
Año : 1997

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	26.2	20.0	74.3	0.0	0.0	0.0	5.1
2	16.0	25.4	20.0	79.3	0.0	0.0	0.0	1.5
3	15.4	27.4	20.6	74.7	0.0	5.3	5.3	7.9
4	16.6	25.0	20.2	81.0	0.0	0.0	0.0	2.1
5	15.4	26.6	20.8	73.0	0.0	0.0	0.0	8.2
6	17.0	25.6	20.2	80.7	0.0	.3	.3	2.6
7	14.0	27.0	19.5	84.3	44.6	0.0	44.6	2.1
8	14.8	27.7	21.4	71.7	0.0	0.0	0.0	8.5
9	16.6	24.3	20.3	77.0	0.0	1.8	1.8	2.2
10	16.2	26.6	19.8	79.7	2.2	15.1	17.3	4.5
11	15.2	22.2	18.3	92.0	1.6	0.0	1.6	.3
12	14.4	24.7	19.4	76.7	0.0	1.3	1.3	4.9
13	16.1	25.1	19.3	88.0	0.0	.3	.3	4.4
14	15.0	23.8	18.4	83.7	1.1	.6	1.7	2.8
15	14.4	25.1	18.9	85.7	0.0	0.0	0.0	3.6
16	16.0	26.0	20.2	77.0	5.9	0.0	5.9	6.7
17	15.9	26.4	20.6	79.3	0.0	0.0	0.0	8.5
18	16.6	28.2	21.4	73.7	0.0	0.0	0.0	8.5
19	16.9	26.6	20.2	81.7	10.6	0.0	10.6	3.8
20	15.4	27.0	20.8	77.0	0.0	0.0	0.0	7.0
21	16.6	27.3	21.0	76.7	0.0	10.0	10.0	6.6
22	15.8	24.7	18.8	88.7	0.0	0.0	0.0	3.0
23	15.0	27.7	21.4	77.3	0.0	0.0	0.0	9.9
24	17.0	26.8	19.8	82.3	0.0	0.0	0.0	3.8
25	17.2	24.4	19.5	89.7	3.1	0.0	3.1	1.3
26	16.3	23.0	18.8	90.7	.8	13.0	13.8	1.5
27	14.8	24.4	19.4	82.0	.5	0.0	.5	3.2
28	16.8	24.8	20.0	83.0	0.0	1.3	1.3	3.5
29	16.2	25.6	19.7	83.7	1.8	2.6	4.4	4.5
30	16.4	25.2	19.8	84.0	.7	0.0	.7	3.4
31	15.6	24.4	19.3	88.0	0.0	49.6	49.6	2.3
Total :					72.9	101.2	174.1	138.2
Promedio :	15.8	25.7	19.9	81.2				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	25.4	20.6	77.0	0.0	0.0	0.0	5.7
2	16.0	25.2	20.2	81.3	.6	0.0	.6	3.8
3	16.2	25.0	19.7	79.7	0.0	0.0	0.0	5.0
4	16.0	23.4	16.6	96.7	23.0	0.0	23.0	0.0
5	14.4	24.0	18.8	81.3	0.0	0.0	0.0	4.8
6	16.8	24.9	19.7	80.0	0.0	15.1	15.1	.9
7	15.6	21.6	18.4	81.0	0.0	20.0	20.0	.2
8	14.6	22.4	18.2	86.3	0.0	0.0	0.0	1.0
9	15.2	24.4	18.4	72.7	1.0	.8	1.8	4.5
10	14.0	24.8	20.3	71.7	0.0	0.0	0.0	7.3
11	16.0	24.2	19.9	79.7	0.0	9.7	9.7	5.4
12	15.2	25.0	19.8	78.3	.3	0.0	.3	6.3
13	15.4	21.8	18.2	82.7	1.0	.1	1.1	2.1
14	15.8	26.9	19.6	77.0	.3	0.0	.3	5.3
15	15.6	27.4	21.0	75.3	0.0	0.0	0.0	8.2
16	16.4	25.3	20.4	82.7	0.0	0.0	0.0	5.7
17	15.4	24.8	19.8	78.0	0.0	0.0	0.0	4.7
18	16.0	25.6	19.1	85.7	0.0	8.1	8.1	3.1
19	15.6	21.4	17.8	90.7	0.0	0.0	0.0	0.0
20	16.2	26.6	21.0	70.3	0.0	0.0	0.0	8.5
21	15.4	26.5	20.6	72.0	0.0	0.0	0.0	8.0
22	16.5	27.5	21.5	74.3	0.0	0.0	0.0	10.4
23	16.4	26.1	21.4	76.3	0.0	0.0	0.0	8.5
24	16.7	25.9	20.3	81.0	0.0	0.0	0.0	.7
25	15.2	23.5	18.6	85.7	3.5	4.0	7.5	4.4
26	14.9	24.8	18.2	81.7	14.5	0.0	14.5	2.4
27	15.2	24.6	19.8	75.0	0.0	0.0	0.0	3.2
28	14.0	25.8	19.7	76.7	0.0	.2	.2	8.3
29	14.8	26.4	20.8	69.7	0.0	37.9	37.9	8.1
30	14.4	25.2	19.7	78.7	0.0	4.1	4.1	5.4
31								
Total :					44.2	100.0	144.2	141.9
Promedio :	15.5	24.9	19.6	79.3				

Estación : OSPIRMA
Año : 1997

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	25.4	20.5	73.7	0.0	0.0	0.0	3.5
2	14.2	25.6	19.6	75.0	0.0	0.0	0.0	10.1
3	15.2	26.2	20.4	76.3	0.0	0.0	0.0	5.6
4	14.4	26.4	20.2	72.7	0.0	0.0	0.0	10.2
5	14.6	26.6	21.0	70.7	0.0	0.0	0.0	5.6
6	15.4	28.5	22.1	66.3	0.0	0.0	0.0	9.7
7	16.3	27.4	21.4	74.7	0.0	0.0	0.0	8.3
8	15.2	27.2	20.3	76.7	0.0	.4	.4	6.0
9	15.8	24.0	18.3	88.0	.5	0.0	.5	4.5
10	16.9	25.4	20.6	74.3	0.0	.3	.3	8.3
11	15.6	26.6	21.0	72.3	0.0	0.0	0.0	6.9
12	15.8	25.6	20.2	64.3	0.0	0.0	0.0	7.4
13	14.6	27.6	20.5	70.0	0.0	.2	.2	10.1
14	15.3	27.0	21.9	63.0	0.0	0.0	0.0	6.2
15	15.2	25.8	21.0	74.0	0.0	0.0	0.0	5.9
16	16.6	25.9	20.6	78.7	0.0	0.0	0.0	3.9
17	16.4	28.4	22.3	70.3	0.0	0.0	0.0	9.1
18	16.8	29.2	23.0	57.3	0.0	0.0	0.0	9.4
19	16.2	29.4	22.1	61.7	0.0	0.0	0.0	9.2
20	15.8	29.5	22.2	55.7	0.0	0.0	0.0	9.9
21	15.6	28.3	22.1	67.7	0.0	0.0	0.0	8.1
22	16.8	28.0	22.5	67.7	0.0	0.0	0.0	2.4
23	14.6	31.2	23.4	61.3	0.0	0.0	0.0	8.1
24	16.0	30.4	23.8	55.7	0.0	0.0	0.0	8.7
25	17.4	27.2	21.7	63.7	0.0	0.0	0.0	.5
26	16.0	29.2	22.6	59.7	0.0	0.0	0.0	6.5
27	16.4	25.2	21.6	71.3	0.0	0.0	0.0	.1
28	15.8	25.4	19.6	74.3	0.0	0.0	0.0	2.9
29	15.6	26.8	20.0	81.3	9.9	50.3	60.2	6.6
30	15.4	26.7	20.5	75.7	0.0	0.0	0.0	5.3
31	16.6	28.1	22.2	63.3	0.0	.2	.2	9.3
Total :					10.4	51.4	61.8	208.3
Promedio :	15.8	27.2	21.3	69.6				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	29.0	22.4	64.7	0.0	0.0	0.0	8.6
2	16.4	27.0	21.2	63.7	0.0	1.2	1.2	1.4
3	16.2	27.8	22.0	70.0	0.0	0.0	0.0	5.2
4	15.2	29.0	22.6	62.7	0.0	0.0	0.0	8.3
5	16.2	29.0	23.0	62.0	0.0	0.0	0.0	9.3
6	17.8	28.8	22.8	65.3	0.0	0.0	0.0	6.9
7	17.2	27.8	22.7	61.7	0.0	0.0	0.0	5.8
8	16.2	29.2	22.1	56.7	0.0	0.0	0.0	7.5
9	16.0	26.0	20.9	66.0	0.0	0.0	0.0	2.3
10	15.9	27.3	21.0	64.7	0.0	0.0	0.0	8.1
11	15.6	27.8	21.3	74.0	0.0	0.0	0.0	4.6
12	16.4	28.0	22.0	71.3	0.0	0.0	0.0	6.7
13	16.8	26.3	21.2	77.0	12.0	7.6	19.6	3.1
14	15.6	25.9	19.3	82.0	.2	0.0	.2	5.2
15	15.4	29.4	22.7	60.7	0.0	0.0	0.0	8.4
16	16.0	27.3	21.2	72.0	0.0	0.0	0.0	9.7
17	16.2	27.8	21.0	74.3	0.0	0.0	0.0	5.6
18	15.2	29.1	22.5	67.7	0.0	0.0	0.0	7.1
19	16.4	25.1	20.9	80.3	.1	0.0	.1	2.6
20	15.6	28.6	21.5	66.3	0.0	0.0	0.0	8.1
21	14.8	29.6	22.5	56.3	0.0	0.0	0.0	10.3
22	17.0	27.6	21.4	75.0	0.0	0.0	0.0	6.6
23	14.8	28.0	20.6	74.7	0.0	0.0	0.0	7.4
24	16.6	27.4	22.2	75.7	0.0	0.0	0.0	7.6
25	16.1	27.7	21.5	78.0	0.0	0.0	0.0	10.0
26	17.4	28.8	22.3	72.0	0.0	0.0	0.0	5.3
27	17.2	27.3	22.8	58.0	0.0	0.0	0.0	2.0
28	16.2	29.2	22.2	59.0	0.0	0.0	0.0	7.1
29	15.0	27.9	21.4	61.7	0.0	0.0	0.0	10.1
30	14.0	27.2	20.4	74.3	0.0	0.0	0.0	8.6
31	15.6	27.4	21.4	72.3	0.0	0.0	0.0	7.6
Total :					12.3	8.8	21.1	207.1
Promedio :	16.0	27.9	21.7	68.4				

Estación : OSPIRMA | **Dpto. : RISARALDA** | **Latitud : 5 ° 20 ' N**
Año : 1997 | **Mpio. : GUATICA** | **Longitud : 75 ° 49 ' W**
Altitud : 1680 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	25.3	19.6	84.7	2.6	4.8	7.4	2.4
2	15.6	26.4	20.1	79.3	.4	0.0	.4	4.0
3	15.2	27.4	19.6	79.7	0.0	0.0	0.0	6.6
4	15.8	27.6	20.9	73.3	0.0	0.0	0.0	8.7
5	16.8	25.8	21.0	73.3	0.0	27.2	27.2	5.3
6	15.0	25.6	19.4	74.7	0.0	0.0	0.0	6.7
7	16.4	26.0	20.4	77.0	12.8	6.5	19.3	4.5
8	15.4	23.9	19.8	78.7	.1	13.0	13.1	3.4
9	15.8	24.9	20.7	79.0	1.1	0.0	1.1	3.3
10	16.4	25.8	20.9	75.3	0.0	0.0	0.0	5.5
11	17.2	27.2	22.1	72.7	0.0	0.0	0.0	4.4
12	16.0	26.4	20.0	79.7	0.0	0.0	0.0	4.5
13	16.4	27.0	20.6	72.3	0.0	0.0	0.0	5.9
14	16.6	27.2	21.4	71.7	0.0	0.0	0.0	5.6
15	15.8	28.6	22.0	66.7	0.0	0.0	0.0	7.6
16	17.4	28.2	21.8	70.7	0.0	0.0	0.0	2.2
17	16.2	27.2	20.8	68.3	0.0	0.0	0.0	3.0
18	16.5	26.3	20.8	76.0	0.0	0.0	0.0	6.3
19	16.4	27.6	19.8	84.3	.5	0.0	.5	3.6
20	16.6	24.8	19.1	84.3	6.7	1.1	7.8	1.0
21	16.4	27.2	20.3	80.3	5.5	6.4	11.9	3.1
22	15.4	22.6	18.8	82.0	6.1	0.0	6.1	.7
23	15.6	25.2	19.5	81.3	7.7	6.8	14.5	1.7
24	16.2	23.8	19.0	82.0	2.7	5.4	8.1	3.2
25	15.2	26.8	19.3	79.3	1.1	27.1	28.2	5.4
26	15.5	26.2	19.8	77.3	36.9	0.0	36.9	4.5
27	16.4	25.8	19.9	76.3	.2	0.0	.2	3.8
28	15.8	24.7	19.7	76.3	0.0	0.0	0.0	3.0
29	14.6	26.7	21.3	68.7	0.0	0.0	0.0	7.4
30	15.2	27.3	20.8	71.3	2.3	0.0	2.3	8.8
31								
Total					86.7	98.3	185.0	136.1
Promedio	16.0	26.2	20.3	76.5				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	26.9	19.6	77.7	2.8	0.0	2.8	4.4
2	16.0	26.8	19.8	79.3	.1	16.6	16.7	3.4
3	15.8	23.6	19.4	83.3	5.0	0.0	5.0	.3
4	15.2	26.8	20.2	75.0	.6	27.9	28.5	4.9
5	15.0	26.6	19.8	77.0	0.0	0.0	0.0	3.7
6	15.5	25.8	20.4	74.7	0.0	0.0	0.0	5.5
7	14.8	28.7	21.4	71.7	0.0	0.0	0.0	9.2
8	16.4	25.0	21.2	74.3	0.0	0.0	0.0	1.3
9	15.8	26.3	20.7	77.7	0.0	0.0	0.0	7.3
10	16.6	25.7	20.2	78.3	0.0	1.5	1.5	6.7
11	16.0	25.9	20.4	77.0	0.0	20.3	20.3	3.6
12	15.8	25.1	20.4	73.3	.1	4.8	4.9	4.9
13	16.0	24.5	19.6	79.3	16.0	22.7	38.7	6.2
14	15.6	24.9	20.3	71.7	0.0	0.0	0.0	5.4
15	15.4	24.8	19.9	75.3	0.0	0.0	0.0	4.7
16	15.8	25.2	20.0	74.3	0.0	3.8	3.8	4.1
17	14.2	25.4	19.1	72.7	.4	5.9	6.3	5.3
18	15.2	24.6	18.5	84.7	7.6	8.0	15.6	6.5
19	15.0	25.8	20.2	79.3	0.0	0.0	0.0	5.8
20	16.6	26.6	21.8	72.0	0.0	4.9	4.9	7.8
21	14.4	26.1	20.2	75.7	0.0	26.5	26.5	8.8
22	15.6	25.0	19.2	79.7	4.8	0.0	4.8	2.2
23	15.4	27.7	20.5	76.7	0.0	0.0	0.0	6.8
24	16.8	27.9	21.6	73.7	0.0	0.0	0.0	8.4
25	15.4	28.4	21.2	68.0	0.0	.3	.3	9.6
26	17.0	28.1	22.3	76.7	0.0	0.0	0.0	9.3
27	16.3	28.9	22.0	69.3	.7	0.0	.7	7.0
28	16.1	27.0	21.0	76.0	0.0	1.0	1.0	3.5
29	15.6	25.6	19.9	78.3	0.0	0.0	0.0	5.5
30	16.4	28.7	22.0	75.0	0.0	2.3	2.3	5.5
31	16.2	25.8	21.1	81.0	2.1	0.0	2.1	3.4
Total					40.2	146.5	186.7	171.0
Promedio	15.7	26.3	20.4	76.1				

Estación : OSPIRMA
Año : 1997

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.0	20.3	78.3	1.1	0.0	1.1	1.5
2	16.4	27.9	20.6	75.3	0.0	0.0	0.0	7.2
3	16.8	26.4	20.8	81.3	.5	0.0	.5	.6
4	16.0	27.2	19.6	82.3	.9	4.3	5.2	3.8
5	16.9	27.6	21.3	79.0	0.0	0.0	0.0	3.7
6	17.4	25.8	21.1	77.7	6.3	.9	7.2	2.5
7	15.8	26.4	19.9	78.3	2.0	20.8	22.8	3.8
8	16.3	23.4	18.2	87.0	19.5	7.4	26.9	.7
9	15.4	23.2	18.7	79.0	2.5	5.2	7.7	0.0
10	15.2	23.0	18 9	81.7	1.1	16.5	17.6	3.2
11	15.8	25.7	20.0	80.3	.2	6.0	6.2	7.2
12	16.0	24.8	19.4	80.0	.1	3.5	3.6	6.8
13	14.4	23.1	18.0	81.0	0.0	0.0	0.0	5.9
14	15.2	23.4	17.4	93.3	3.6	.6	4:2	1.9
15	15.0	22.0	17.6	91.3	2.6	2.8	5.4	1.0
16	14.4	25.0	18.6	75.7	0.0	.9	.9	6.7
17	15.8	24.8	18.8	84.3	1.3	0.0	1.3	1.7
18	16.2	26.4	20.8	75.0	0.0	0.0	0.0	5.9
19	15.8	24.3	18.8	80.3	0.0	0.0	0.0	7.1
20	15.4	23.1	18.6	80.7	.1	0.0	.1	2.2
21	15.2	27.2	20.6	76.0	0.0	0.0	0.0	7.9
22	16.0	26.6	20.4	78.7	0.0	0.0	0.0	9.2
23	17.3	25.8	20.6	74.3	0.0	0.0	0.0	4.6
24	16.6	26.4	19.6	79.7	15.9	3.5	19.4	4.6
25	16.4	21.8	18.5	83.3	.4	1.0	1.4	2.4
26	15.2	23.0	18.2	80.3	0.0	0.0	0.0	.9
27	14.8	26.2	19.6	73.3	0.0	0.0	0.0	4.2
28	15.0	27.4	20.9	72.7	0.0	0.0	0.0	8.6
29	16.8	26.6	20.4	76.7	0.0	0.0	0.0	6.6
30	13.8	26.8	20.1	76.7	0.0	0.0	0.0	7.9
31								
Total :					58.1	73.4	131.5	130.3
Promedio :	15.8	25.2	19.5	79.8				

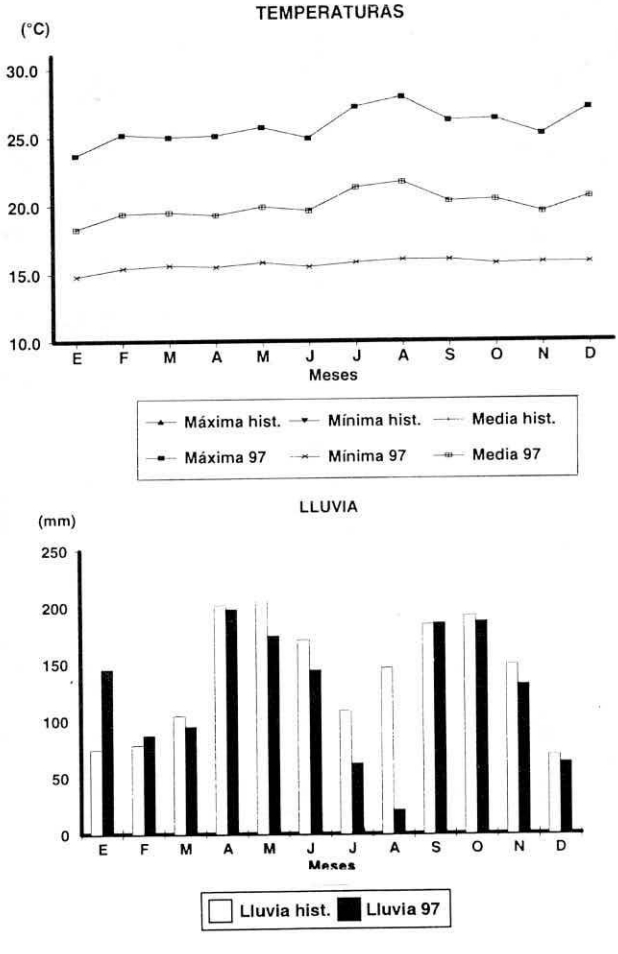
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	26.0	20.1	81.3	.2	10.0	10.2	4.1
2	15.2	25.2	18.4	83.3	19.4	0.0	19.4	5.3
3	15.4	26.2	20.3	80.3	0.0	0.0	0.0	8.6
4	14.6	26.8	20.1	73.3	0.0	0.0	0.0	9.2
5	15.4	28.0	21.6	73.3	0.0	0.0	0.0	9.4
6	16.0	27.4	21.3	73.3	0.0	0.0	0.0	7.8
7	15.8	28.4	21.8	68.3	0.0	0.0	0.0	7.7
8	15.4	28.6	21.2	70.7	0.0	0.0	0.0	9.5
9	15.6	27.8	20.9	76.0	0.0	0.0	0.0	9.8
10	15.8	27.0	20.8	78.0	0.0	0.0	0.0	8.8
11	17.2	27.5	21.7	74.7	0.0	.1	.1	8.6
12	17.4	27.2	20.4	76.7	0.0	0.0	0.0	7.1
13	16.8	25.8	20.4	75.3	0.0	0.0	0.0	7.7
14	15.6	26.0	20.2	76.3	0.0	0.0	0.0	7.6
15	16.2	25.0	19.1	84.7	0.0	0.0	0.0	.9
16	16.0	26.2	18.2	90.0	17.7	0.0	17.7	5.4
17	14.8	26.8	20.5	76.0	0.0	0.0	0.0	9.5
18	15.2	26.5	20.7	72.7	0.0	0.0	0.0	8.2
19	14.4	27.6	20.9	75.3	0.0	0.0	0.0	10.0
20	16.8	27.8	21.1	75.0	0.0	0.0	0.0	8.2
21	16.4	27.0	21.0	70.0	0.0	0.0	0.0	8.8
22	15.6	27.7	21.0	69.3	0.0	0.0	0.0	' 9.4
23	15.0	28.2	20.4	71.0	0.0	0.0	0.0	10.0
24	15.6	27.4	21.0	76.0	0.0	0.0	0.0	8.7
25	15.8	26.9	20.8	75.0	0.0	0.0	0.0	6.9
26	15.4	28.0	21.1	74.3	0.0	0.0	0.0	9.7
27	16.4	26.6	20.7	77.0	0.0	0.0	0.0	9.0
28	15.8	27.2	21.5	77.7	0.0	0.0	0.0	9.4
29	17.4	27.9	21.8	74.0	0.0	0.0	0.0	9.7
30	16.2	27.0	17.8	91.3	15.6	0.0	15.6	6.3
31	15.5	27.5	20.9	73.3	0.0	0.0	0.0	9.1
Total :					52.9	10.1	63.0	250.4
Promedio :	15.8	27.1	20.6	76.2				

Estación : OSPIRMA
Año : 1997

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 'N
Longitud : 75 ° 49 'W
Altitud : 1680 m

MES	TEMPERATURA °C					PRECIPITACION			
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	14.8	23.7	18.3	25.6	12.6	83.3	145.0	19	152.6
Febrero	15.4	25.2	19.4	27.4	13.6	80.8	86.7	17	140.8
Marzo	15.6	25.0	19.5	27.8	13.6	79.4	94.6	22	152.6
Abril	15.5	25.1	19.3	27.4	14.0	81.3	197.9	20	128.8
Mayo	15.8	25.7	19.9	28.2	14.0	81.2	174.1	19	138.2
Junio	15.5	24.9	19.6	27.5	14.0	79.3	144.2	15	141.9
Julio	15.8	27.2	21.3	31.2	14.2	69.6	61.8	6	208.3
Agosto	16.0	27.9	21.7	29.6	14.0	68.4	21.1	4	207.1
Septiembre	16.0	26.2	20.3	28.6	14.6	76.6	185.0	16	136.1
Octubre	15.7	26.3	20.4	28.9	14.2	76.1	186.7	19	171.0
Noviembre	15.8	25.2	19.5	27.9	13.8	79.8	131.5	17	130.3
Diciembre	15.8	27.1	20.6	28.6	14.4	76.2	63.0	5	250.4
Promedio :	15.6	25.8	20.0			77.7			
Absoluta :				31.2	12.6				
Total :							1491.6	179	1958.1



Estación : EL JAZMIN
Año : 1997

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 ' N
Longitud : 75 ° 38 ' W
Altitud : 1600 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	21.0	17.5	88.0	.6	0.0	.6	.4
2	15.5	22.5	18.0	84.7	17.7	15.4	33.1	1.1
3	16.0	24.0	18.8	78.3	0.0	3.5	3.5	2.9
4	15.7	24.5	19.0	78.7	0.0	0.0	0.0	4.4
5	14.7	24.4	19.8	68.3	0.0	0.0	0.0	5.5
6	16.8	25.5	20.3	72.3	.7	1.0	1.7	4.5
7	16.1	20.5	17.4	93.0	.9	0.0	.9	.1
8	15.0	26.0	19.8	69.0	0.0	0.0	0.0	6.4
9	16.5	23.9	19.3	80.0	0.0	23.9	23.9	1.8
10	15.0	20.5	16.8	89.7	36.7	5.0	41.7	.1
11	14.8	23.5	18.2	81.7	1.1	0.0	1.1	1.6
12	15.5	23.5	19.4	74.0	0.0	37.5	37.5	3.7
13	14.8	24.9	19.2	72.3	0.0	0.0	0.0	8.8
14	15.1	25.2	19.6	68.0	0.0	.1	.1	5.8
15	15.5	25.5	18.7	74.0	13.4	.4	13.8	4.6
16	15.8	24.5	19.0	81.0	.4	30.7	31.1	2.5
17	15.5	21.5	18.2	84.0	6.5	5.2	11.7	1.4
18	16.0	25.0	19.3	76.3	.2	11.9	12.1	3.7
19	14.5	25.2	19.6	69.0	0.0	.9	.9	7.9
20	15.8	23.0	18.4	79.0	.5	0.0	.5	.7
21	15.5	23.5	17.5	82.0	13.8	.8	14.6	1.7
22	13.5	25.0	18.6	75.3	6.9	3.1	10.0	4.8
23	15.6	24.8	18.2	79.0	7.9	2.7	10.6	3.9
24	14.1	24.0	18.3	77.7	0.0	0.0	0.0	5.3
25	15.5	23.5	18.2	85.7	3.1	84.4	87.5	1.4
26	15.0	23.8	17.6	82.3	3.1	4.3	7.4	3.3
27	14.1	24.9	18.8	75.0	0.0	0.0	0.0	3.9
28	15.0	25.0	19.7	66.0	0.0	1.2	1.2	5.4
29	15.1	25.2	20.5	66.7	0.0	3.5	3.5	5.2
30	15.5	26.0	19.6	69.3	0.0	18.8	18.8	7.0
31	15.2	24.0	19.6	74.3	.1	22.9	23.0	5.1
Total :					113.6	277.2	390.8	114.9
Promedio :	15.3	24.0	18.8	77.2				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	23.4	17.9	83.7	18.7	11.2	29.9	2.2
2	15.3	24.5	19.0	78.7	0.0	.4	.4	5.0
3	15.2	25.2	18.4	77.7	23.4	0.0	23.4	5.3
4	13.8	23.9	17.8	75.3	.2	0.0	.2	3.9
5	13.9	24.0	19.0	67.7	0.0	0.0	0.0	6.1
6	13.7	22.9	18.4	77.3	0.0	.2	.2	3.4
7	15.2	23.0	18.6	77.3	2.3	17.1	19.4	1.7
8	14.9	23.1	18.2	81.0	0.0	0.0	0.0	.6
9	15.2	24.4	19.0	79.0	3.0	.8	3.8	2.3
10	14.4	22.5	17.8	80.3	.5	0.0	.5	1.9
11	15.7	21.7	18.0	83.7	.4	0.0	.4	.3
12	15.6	24.1	18.6	81.7	0.0	1.7	1.7	1.3
13	14.3	25.0	19.4	74.3	0.0	0.0	0.0	4.7
14	14.9	25.8	20.6	72.0	0.0	0.0	0.0	6.2
15	15.9	25.0	20.0	80.7	9.3	16.5	25.8	3.1
16	15.0	22.9	18.7	80.7	21.3	.1	21.4	.7
17	15.8	23.5	18.8	84.3	6.4	5.4	11.8	3.2
18	15.1	25.8	19.4	78.7	.2	.1	.3	7.0
19	16.5	27.0	21.3	72.3	0.0	3.4	3.4	5.5
20	17.2	23.9	19.4	82.0	8.9	0.0	8.9	1.5
21	16.7	27.4	19.7	79.3	22.0	.3	22.3	7.8
22	17.2	26.0	20.8	74.0	.1	3.9	4.0	6.5
23	16.9	24.2	20.3	76.3	0.0	0.0	0.0	2.2
24	16.7	25.8	20.5	77.0	0.0	0.0	0.0	3.3
25	16.6	22.0	19.2	86.0	0.0	0.0	0.0	0.0
26	16.2	26.1	21.2	71.7	0.0	1.1	1.1	6.0
27	17.0	26.9	21.3	68.3	0.0	4.4	4.4	6.1
28	16.7	25.8	21.0	72.0	0.0	0.0	0.0	1.4
29								
30								
31								
Total :					116.7	66.6	183.3	99.2
Promedio :	15.6	24.5	19.4	77.6				

Estación : EL JAZMIN
Año : 1997

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 ' N
Longitud : 75 ° 38 ' W
Altitud : 1600 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	23.0	19.0	81.0	8.5	0.0	8.5	.5
2	16.7	25.7	20.6	73.0	0.0	2.2	2.2	3.7
3	16.8	25.3	20.6	75.3	8.5	.2	8.7	3.9
4	16.9	27.1	20.8	69.7	0.0	25.6	25.6	6.9
5	16.0	19.2	17.2	92.3	1.0	0.0	1.0	0.0
6	13.2	25.1	19.8	73.0	0.0	0.0	0.0	5.2
7	14.8	27.8	20.8	63.3	0.0	.1	.1	8.1
8	15.8	26.3	20.3	65.0	0.0	0.0	0.0	4.8
9	15.2	27.5	20.8	69.3	.2	1.6	1.8	6.3
10	16.2	26.9	21.5	71.7	0.0	0.0	0.0	5.3
11	17.1	27.3	20.7	72.7	.1	.5	.6	6.9
12	16.9	25.0	20.8	72.0	0.0	53.8	53.8	4.3
13	15.8	19.6	16.9	90.0	3.2	.1	3.3	.1
14	14.9	26.8	21.0	70.3	0.0	0.0	0.0	9.2
15	16.9	27.4	20.8	72.3	.3	0.0	.3	6.4
16	16.5	24.0	18.8	86.3	47.0	20.7	67.7	1.0
17	16.3	19.5	18.0	90.7	3.8	3.8	7.6	0.0
18	15.8	24.1	18.4	84.3	4.3	.6	4.9	1.8
19	15.5	22.0	17.8	85.3	1.3	0.0	1.3	1.2
20	15.0	22.2	18.0	81.3	1.7	3.3	5.0	1.4
21	15.1	22.0	17.2	91.0	5.8	0.0	5.8	2.5
22	14.2	25.5	19.9	63.7	0.0	0.0	0.0	7.1
23	16.0	25.4	19.1	75.0	4.1	0.0	4.1	3.2
24	14.3	27.0	20.6	58.3	0.0	0.0	0.0	8.2
25	15.1	26.5	20.8	60.3	0.0	0.0	0.0	9.1
26	16.2	24.4	20.0	68.3	0.0	0.0	0.0	2.9
27	16.0	26.8	20.0	65.0	0.0	0.0	0.0	5.0
28	16.7	25.8	19.3	73.0	7.5	0.0	7.5	3.4
29	15.6	26.0	20.0	72.7	0.0	0.0	0.0	4.8
30	16.1	24.2	19.2	76.3	0.0	0.0	0.0	2.8
31	15.0	24.1	19.2	77.0	6.6	0.0	6.6	3.0
Total :					103.9	112.5	216.4	129.0
Promedio :	15.8	24.8	19.6	74.8				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	23.8	18.0	86.0	1.9	.1	2.0	1.4
2	15.1	27.2	20.5	69.3	0.0	6.5	6.5	7.7
3	15.0	24.3	18.4	76.3	32.9	3.5	36.4	5.1
4	15.6	22.0	18.1	83.3	1.9	0.0	1.9	1.2
5	14.9	25.0	19.6	76.3	.2	6.4	6.6	4.8
6	13.9	25.7	18.3	79.7	34.0	.7	34.7	3.5
7	14.7	24.0	19.3	79.3	0.0	0.0	0.0	1.9
8	15.7	23.3	18.9	76.7	0.0	18.3	18.3	1.6
9	15.0	25.0	20.2	74.0	0.0	2.9	2.9	5.5
10	16.7	22.0	19.3	86.7	1.9	0.0	1.9	.2
11	16.3	23.7	18.6	91.3	15.5	0.0	15.5	3.3
12	15.9	27.8	20.6	74.3	.3	0.0	.3	6.4
13	17.5	24.1	19.2	85.0	0.0	0.0	0.0	2.2
14	14.6	25.0	19.8	76.7	0.0	.1	.1	2.6
15	15.3	25.1	19.2	76.3	41.9	0.0	41.9	2.1
16	14.2	26.9	20.4	68.7	0.0	11.5	11.5	6.5
17	16.2	23.0	18.9	84.7	36.8	0.0	36.8	1.2
18	16.1	23.2	18.4	84.3	1.6	2.3	3.9	.3
19	16.2	23.0	19.2	82.7	2.0	14.9	16.9	1.8
20	15.0	21.2	16.9	96.7	3.3	8.2	11.5	.6
21	15.2	21.8	18.1	84.7	0.0	.3	.3	.4
22	15.3	19.9	17.0	89.3	13.1	.7	13.8	0.0
23	15.0	22.1	17.8	83.7	0.0	5.3	5.3	1.1
24	14.5	24.8	18.8	79.3	0.0	0.0	0.0	3.2
25	15.4	21.5	16.3	91.7	8.1	0.0	8.1	.5
26	13.9	24.3	18.3	76.3	.2	4.6	4.8	3.2
27	15.7	22.9	18.8	81.0	.8	.3	1.1	2.0
28	14.9	25.8	18.6	80.0	12.6	0.0	12.6	4.5
29	15.0	26.8	20.9	64.0	0.0	0.0	0.0	9.1
30	15.9	24.0	18.8	78.3	3.5	0.0	3.5	1.6
31								
Total :					212.5	86.6	299.1	85.5
Promedio :	15.3	24.0	18.8	80.6				

Estación : EL JAZMIN
Año : 1997

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 ' N
Longitud : 75 ° 38 ' W
Altitud : 1600 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.8	25.1	19.2	72.7	0.0	0.0	0.0	5.2
2	15.9	25.3	20.0	70.7	0.0	1.9	1.9	1.0
3	16.7	25.0	20.3	78.3	2.6	9.5	12.1	4.8
4	16.0	23.2	20.0	77.7	.1	0.0	.1	1.3
5	14.4	26.2	20.0	70.0	0.0	.2	.2	4.8
6	16.7	24.9	19.4	77.0	1.1	0.0	1.1	1.0
7	15.5	24.0	19.2	81.0	0.0	0.0	0.0	2.8
8	14.0	26.5	21.0	68.3	0.0	0.0	0.0	5.7
9	15.5	22.9	18.2	87.7	12.5	1.8	14.3	1.1
10	16.0	23.0	18.2	90.0	5.8	20.0	25.8	2.1
11	15.0	20.3	17.0	91.7	2.2	0.0	2.2	1.5
12	13.8	23.5	19.4	78.7	0.0	52.4	52.4	3.4
13	15.2	23.9	18.2	87.0	9.2	0.0	9.2	2.8
14	15.3	24.1	18.6	84.0	.4	1.2	1.6	2.7
15	15.0	24.9	19.5	79.0	0.0	0.0	0.0	4.3
16	16.0	25.7	18.5	73.3	0.0	0.0	0.0	4.6
17	15.6	26.0	19.8	76.7	.6	0.0	.6	5.8
18	16.0	27.1	22.2	64.7	0.0	24.7	24.7	6.2
19	16.1	25.0	20.6	79.0	0.0	2.2	2.2	1.9
20	16.8	25.1	20.2	81.3	0.0	0.0	0.0	3.1
21	16.0	25.0	20.0	82.0	.2	1.8	2.0	3.1
22	15.9	22.1	17.8	90.7	5.0	0.0	5.0	.7
23	14.0	27.8	21.4	64.7	0.0	0.0	0.0	8.8
24	17.1	26.0	19.4	75.7	0.0	0.0	0.0	2.9
25	16.1	22.0	17.8	95.3	16.7	1.1	17.8	0.0
26	15.9	21.9	17.7	90.3	6.9	1.5	8.4	.6
27	15.7	23.9	19.8	81.3	0.0	0.0	0.0	1.9
28	17.0	23.7	19.6	81.7	10.1	.1	10.2	.4
29	16.0	23.2	18.6	87.7	1.1	.1	1.2	1.9
30	17.0	22.1	19.0	89.3	1.4	0.0	1.4	.9
31	16.0	23.5	19.4	89.7	.4	1.2	1.6	.9
Total					76.3	119.7	196.0	88.2
Promedio	15.7	24.3	19.4	80.6				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	24.2	19.8	79.7	0.0	0.0	0.0	.8
2	15.5	23.9	18.8	82.7	.6	0.0	.6	.8
3	15.0	26.8	20.0	70.7	7.2	8.6	15.8	3.5
4	15.6	20.0	16.9	95.7	14.5	0.0	14.5	0.0
5	15.0	23.3	18.6	74.0	0.0	0.0	0.0	3.6
6	17.0	23.5	19.4	82.0	1.1	7.5	8.6	1.2
7	16.0	20.2	17.2	93.3	5.0	15.3	20.3	0.0
8	14.5	20.4	17.4	86.7	0.0	0.0	0.0	.1
9	14.0	25.8	18.9	76.3	12.9	0.0	12.9	1.8
10	15.0	23.0	18.8	83.7	.2	10.0	10.2	4.1
11	16.7	24.8	19.8	78.7	5.9	23.8	29.7	2.9
12	15.0	25.0	19.5	73.7	0.0	.1	.1	4.3
13	15.5	21.6	18.5	84.3	13.5	2.5	16.0	.5
14	16.0	24.0	19.9	76.3	0.0	0.0	0.0	3.3
15	15.2	24.1	19.7	75.7	.7	5.6	6.3	3.9
16	16.1	26.0	20.3	76.0	0.0	3.1	3.1	3.7
17	16.5	23.8	19.9	77.0	0.0	15.6	15.6	3.2
18	16.0	23.5	19.0	88.0	1.1	34.4	35.5	2.1
19	15.5	23.7	18.6	85.7	0.0	0.0	0.0	3.7
20	16.0	25.1	20.0	72.3	0.0	0.0	0.0	4.8
21	16.5	26.9	20.6	69.0	0.0	0.0	0.0	8.6
22	15.8	27.5	21.4	65.0	0.0	0.0	0.0	9.2
23	16.8	25.6	20.0	74.7	.1	0.0	.1	2.7
24	16.9	23.5	19.6	81.7	.1	.6	.7	.1
25	16.5	23.1	18.4	84.0	5.1	.1	5.2	1.3
26	16.0	20.6	17.7	89.0	6.7	.2	6.9	0.0
27	15.0	24.1	19.2	81.3	0.0	0.0	0.0	3.9
28	13.9	25.5	19.5	75.7	3.2	1.0	4.2	4.9
29	16.0	26.3	20.0	74.3	0.0	11.2	11.2	7.9
30	15.5	25.7	19.8	76.3	0.0	8.6	8.6	5.9
31								
Total					77.9	148.2	226.1	92.8
Promedio	15.7	24.1	19.2	79.5				

Estación : EL JAZMIN
Año : 1997

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 ' N
Longitud : 75 ° 38 ' W
Altitud : 1600 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	25.0	19.6	79.7	0.0	0.0	0.0	3.0
2	15.2	25.2	19.8	69.0	0.0	0.0	0.0	9.2
3	15.7	25.0	19.2	73.3	0.0	0.0	0.0	3.5
4	14.8	26.5	20.5	70.0	0.0	0.0	0.0	5.3
5	16.2	25.1	20.0	72.0	0.0	0.0	0.0	1.9
6	15.0	27.7	21.2	68.7	0.0	0.0	0.0	8.6
7	15.5	26.3	20.7	72.3	0.0	0.0	0.0	4.6
8	16.2	24.0	20.6	72.0	0.0	.7	.7	1.5
9	16.0	23.1	19.4	82.0	.9	.3	1.2	1.6
10	15.9	24.5	19.8	70.3	0.0	0.0	0.0	4.9
11	15.8	23.5	20.2	75.7	0.0	0.0	0.0	1.9
12	17.3	25.9	20.8	66.7	0.0	0.0	0.0	4.3
13	14.8	27.0	21.2	59.7	0.0	0.0	0.0	7.4
14	15.7	24.2	20.7	73.0	0.0	0.0	0.0	1.5
15	15.0	25.2	20.4	70.3	0.0	0.0	0.0	4.7
16	15.8	25.1	20.2	73.0	0.0	0.0	0.0	4.8
17	16.9	26.2	21.4	68.7	0.0	0.0	0.0	5.5
18	16.2	27.3	21.2	61.3	0.0	0.0	0.0	10.2
19	15.0	28.7	22.1	52.7	0.0	0.0	0.0	11.1
20	15.2	27.2	21.3	54.7	0.0	0.0	0.0	7.6
21	14.8	27.1	21.8	62.0	0.0	0.0	0.0	5.9
22	17.1	25.0	20.7	72.3	0.0	0.0	0.0	1.1
23	15.5	30.2	23.3	51.3	0.0	0.0	0.0	11.2
24	16.0	30.4	23.3	54.0	0.0	0.0	0.0	10.1
25	17.3	26.0	20.7	65.0	0.0	0.0	0.0	2.3
26	15.4	28.2	22.1	57.7	0.0	0.0	0.0	6.9
27	16.2	24.4	20.4	69.7	0.0	0.0	0.0	0.0
28	15.8	23.2	19.8	77.7	0.0	0.0	0.0	1.4
29	16.2	24.9	19.6	74.7	0.0	0.0	0.0	2.8
30	16.0	24.8	19.7	72.3	0.0	0.0	0.0	3.6
31	14.9	27.2	20.8	65.7	0.0	6.4	6.4	6.1
Total :					.9	7.4	8.3	154.5
Promedio :	15.8	25.9	20.7	68.0				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	28.0	21.4	62.3	0.0	3.6	3.6	6.7
2	16.1	25.9	20.2	70.0	0.0	0.0	0.0	1.0
3	15.7	27.5	20.6	64.0	0.0	0.0	0.0	3.4
4	15.4	28.5	22.0	54.7	0.0	0.0	0.0	5.9
5	16.7	28.9	22.7	55.0	0.0	0.0	0.0	8.9
6	17.4	28.5	22.0	56.3	0.0	0.0	0.0	4.8
7	17.0	28.1	22.0	60.3	0.0	0.0	0.0	6.9
8	15.1	28.7	22.0	54.3	0.0	0.0	0.0	5.9
9	16.7	24.5	20.0	73.3	11.4	0.0	11.4	1.4
10	15.7	24.0	19.6	62.7	0.0	0.0	0.0	3.9
11	14.9	27.1	21.2	65.7	0.0	0.0	0.0	2.9
12	16.2	28.1	21.0	66.0	0.0	0.0	0.0	1.4
13	17.0	26.4	20.9	75.3	.2	0.0	.2	2.3
14	17.5	25.8	21.2	71.7	.1	0.0	.1	4.4
15	15.8	28.9	21.6	62.3	0.0	3.2	3.2	8.4
16	15.1	29.0	21.8	64.0	0.0	0.0	0.0	6.5
17	16.7	27.0	22.0	64.3	0.0	0.0	0.0	5.0
18	16.4	27.8	21.2	70.7	0.0	30.1	30.1	5.1
19	16.0	25.0	19.6	76.0	0.0	0.0	0.0	3.0
20	15.8	27.9	20.7	60.3	0.0	0.0	0.0	10.4
21	14.9	28.8	21.6	49.7	0.0	0.0	0.0	8.5
22	16.0	26.1	21.0	66.7	0.0	0.0	0.0	4.4
23	15.3	26.0	20.2	68.3	0.0	0.0	0.0	3.2
24	15.6	27.1	21.7	61.3	0.0	0.0	0.0	5.3
25	15.0	29.3	23.4	57.0	0.0	0.0	0.0	6.0
26	17.0	28.5	21.8	71.7	2.9	0.0	2.9	3.6
27	16.5	27.1	21.5	65.3	0.0	0.0	0.0	1.5
28	15.8	29.1	21.6	49.7	0.0	0.0	0.0	8.6
29	15.0	28.9	22.0	49.7	0.0	0.0	0.0	8.2
30	14.8	27.8	21.4	56.7	0.0	0.0	0.0	6.1
31	15.0	28.1	21.0	69.0	0.0	0.0	0.0	6.6
Total :					14.6	36.9	51.5	160.2
Promedio :	15.9	27.5	21.3	63.0				

Estación : EL JAZMIN | **Dpto. : RISARALDA** | **Latitud : 4 ° 55 ' N**
Año : 1997 | **Mpio. : SANTA ROSA DE CABAL** | **Longitud : 75 ° 38 ' W**
Altitud : 1600 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	24.5	20.2	76.3	.2	0.0	.2	.9
2	16.0	25.0	18.9	77.3	6.8	0.0	6.8	3.2
3	14.5	24.8	19.8	71.3	0.0	0.0	0.0	4.2
4	15.0	28.5	21.0	61.7	1.5	.1	1.6	8.2
5	17.0	27.5	20.3	72.3	3.9	37.0	40.9	4.4
6	15.5	24.5	18.5	77.7	0.0	0.0	0.0	3.7
7	16.0	25.0	19.8	80.7	3.6	16.9	20.5	3.4
8	15.7	21.0	18.4	87.7	1.4	29.2	30.6	1.5
9	15.5	24.0	19.2	81.7	0.0	.7	.7	.3
10	15.0	26.5	20.4	72.3	0.0	0.0	0.0	2.6
11	16.0	25.0	19.2	77.0	9.5	0.0	9.5	1.6
12	16.7	24.7	19.8	85.3	5.1	0.0	5.1	1.7
13	17.0	23.2	19.8	76.7	0.0	0.0	0.0	2.3
14	15.5	26.0	21.0	69.3	.4	0.0	.4	3.8
15	16.5	26.0	20.6	65.7	0.0	0.0	0.0	4.6
16	16.3	26.2	20.9	71.7	0.0	0.0	0.0	4.4
17	16.0	25.5	20.6	72.7	0.0	0.0	0.0	6.7
18	15.0	26.0	20.7	64.0	0.0	4.7	4.7	5.9
19	16.0	25.0	19.5	76.0	2.6	12.4	15.0	1.1
20	15.9	21.2	18.1	88.0	1.0	0.0	1.0	1.5
21	15.2	24.5	18.8	81.3	1.3	17.9	19.2	2.2
22	15.0	22.1	18.0	82.7	5.1	5.4	10.5	1.7
23	15.8	22.2	18.4	84.3	0.0	27.4	27.4	.5
24	15.5	22.1	18.4	87.7	2.3	11.9	14.2	.5
25	15.0	25.0	19.2	77.3	.2	7.4	7.6	4.8
26	15.2	22.3	18.2	80.7	3.1	0.0	3.1	.9
27	14.7	23.0	18.4	80.3	.2	0.0	.2	3.4
28	14.9	24.0	18.8	78.3	0.0	0.0	0.0	2.4
29	14.5	26.0	19.6	75.3	1.7	0.0	1.7	4.1
30	14.0	27.5	20.2	68.3	20.7	0.0	20.7	6.4
31								
Total :					70.6	171.0	241.6	92.9
Promedio :	15.6	24.6	19.5	76.7				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	25.5	19.2	76.0	.2	10.2	10.4	6.8
2	15.5	26.0	18.9	81.0	21.7	0.0	21.7	1.6
3	16.0	21.5	17.8	88.0	6.4	0.0	6.4	0.0
4	15.0	26.0	19.8	70.3	0.0	6.0	6.0	5.9
5	16.5	25.5	18.8	79.3	.1	0.0	.1	3.7
6	16.0	25.0	19.7	67.0	0.0	0.0	0.0	3.4
7	15.0	26.0	20.2	68.0	0.0	0.0	0.0	6.4
8	15.8	23.0	18.8	87.3	.7	0.0	.7	1.5
9	15.0	26.5	19.8	71.0	.1	.2	.3	5.8
10	16.5	25.5	19.6	73.0	0.0	46.0	46.0	6.1
11	15.0	23.0	19.3	80.7	.1	15.4	15.5	1.7
12	15.3	26.5	20.5	80.0	.2	18.3	18.5	5.6
13	16.0	24.5	19.2	77.0	.3	.7	1.0	4.6
14	15.3	26.0	20.1	67.3	0.0	0.0	0.0	7.3
15	16.5	25.0	20.0	68.7	0.0	0.0	0.0	3.4
16	16.0	24.8	19.3	73.7	.1	8.9	9.0	.6
17	15.0	24.0	19.2	72.7	0.0	6.0	6.0	3.8
18	15.2	24.2	18.4	79.3	2.1	4.7	6.8	6.1
19	15.3	24.8	19.5	79.0	0.0	0.0	0.0	5.4
20	16.0	24.0	20.3	72.3	.4	27.0	27.4	5.4
21	16.5	23.5	13.9	87.3	2.6	50.9	53.5	2.8
22	15.0	21.8	18.5	83.3	0.0	0.0	0.0	1.2
23	14.0	27.3	20.4	69.7	0.0	0.0	0.0	8.8
24	16.5	27.5	20.7	67.7	0.0	0.0	0.0	7.1
25	15.5	25.5	20.7	74.3	0.0	0.0	0.0	5.0
26	16.0	26.5	20.5	71.7	0.0	0.0	0.0	4.6
27	16.5	27.0	20.2	73.3	.9	0.0	.9	5.2
28	15.8	24.0	20.0	81.0	0.0	2.8	2.8	1.1
29	16.9	25.5	20.2	75.0	0.0	0.0	0.0	2.7
30	16.5	27.5	21.1	68.7	0.0	0.0	0.0	6.8
31	15.9	23.5	17.9	85.3	4.1	0.0	4.1	3.4
Total :					40.0	197.1	237.1	133.8
Promedio :	15.7	25.1	19.6	75.8				

Estación : EL JAZMIN Dpto. : RISARALDA Latitud : 4 ° 55 ' N
Año : 1997 Mpio. : SANTA ROSA DE CABAL Longitud : 75 ° 38 ' W
Altitud : 1600 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.4	23.0	19.0	77.7	2.1	0.0	2.1	2.4
2	15.2	26.7	21.2	64.3	0.0	.1	.1	4.8
3	16.6	23.6	19.8	77.7	0.0	0.0	0.0	.6
4	16.2	24.1	18.2	84.3	.9	15.9	16.8	2.4
5	16.0	25.2	20.1	77.0	.3	1.2	1.5	4.5
6	15.8	23.4	18.4	88.0	11.8	10.0	21.8	1.0
7	16.0	22.0	17.8	86.0	6.5	11.5	18.0	1.3
8	16.0	21.0	17.5	87.0	2.7	2.3	5.0	0.0
9	15.5	19.6	16.8	95.0	9.7	3.5	13.2	0.0
10	15.8	22.6	19.2	79.0	.3	5.3	5.6	3.2
11	15.5	24.2	18.4	85.0	.2	4.2	4.4	3.4
12	16.0	23.0	18.3	84.7	3.3	35.6	38.9	2.2
13	15.1	21.0	18.0	82.3	0.0	24.7	24.7	2.9
14	15.0	24.2	17.8	81.0	4.1	.6	4.7	2.8
15	14.3	22.4	17.4	77.7	1.2	0.0	1.2	2.8
16	14.0	24.1	18.8	71.7	0.0	.8	.8	4.0
17	16.0	20.8	17.7	88.0	0.0	0.0	0.0	.2
18	14.9	25.0	19.5	77.0	0.0	12.6	12.6	2.8
19	15.0	24.0	18.6	78.3	0.0	.6	.6	1.7
20	15.2	20.8	17.6	88.7	4.0	0.0	4.0	1.3
21	13.2	24.9	19.6	75.7	0.0	0.0	0.0	6.3
22	14.8	25.9	19.6	73.0	4.4	1.0	5.4	6.0
23	16.7	25.0	20.2	74.3	.7	3.7	4.4	3.0
24	16.0	23.0	19.4	83.7	0.0	0.0	0.0	2.1
25	15.9	22.7	17.8	85.0	29.3	.1	29.4	3.5
26	14.3	21.1	17.6	90.0	1.9	0.0	1.9	.1
27	15.0	24.2	18.8	78.7	0.0	0.0	0.0	4.1
28	15.5	26.8	20.2	70.3	0.0	0.0	0.0	7.6
29	15.6	26.2	18.3	77.0	.4	0.0	.4	3.9
30	14.0	25.0	18.6	74.7	0.0	4.2	4.2	8.5
31								
Total :					83.8	137.9	221.7	89.4
Promedio :	15.4	23.5	18.7	80.4				

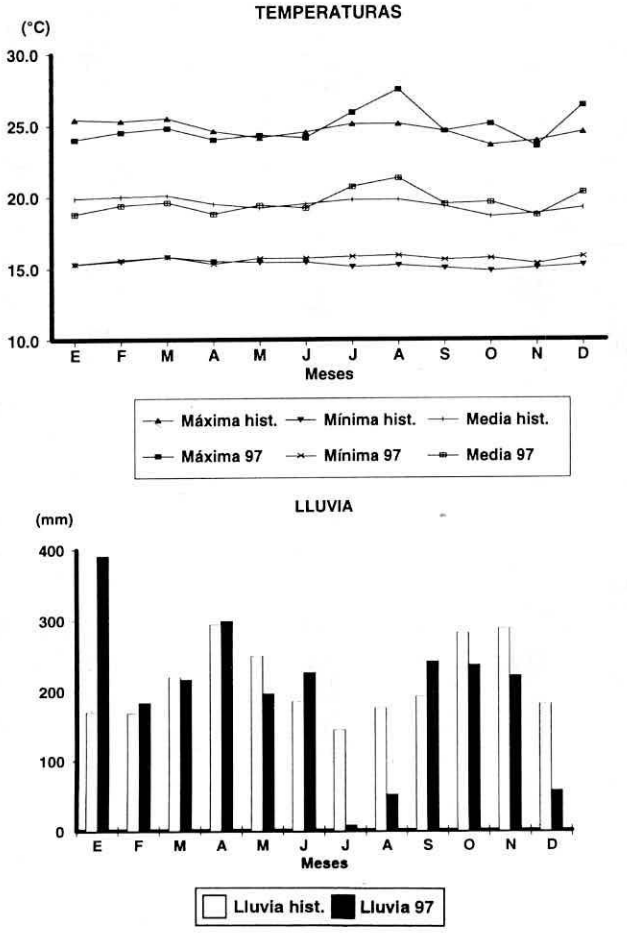
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	26.0	20.0	76.7	0.0	30.5	30.5	6.7
2	16.0	25.2	18.8	84.0	.1	6.1	6.2	4.0
3	16.5	25.5	19.4	79.0	.3	0.0	.3	5.3
4	14.0	26.0	19.7	68.0	0.0	0.0	0.0	9.1
5	15.0	26.2	20.4	65.7	0.0	0.0	0.0	9.1
6	14.5	26.5	20.4	70.0	0.0	0.0	0.0	7.5
7	16.0	26.0	20.5	66.0	0.0	0.0	0.0	6.5
8	17.0	26.0	20.7	65.7	0.0	0.0	0.0	5.9
9	15.5	27.5	20.8	68.7	0.0	0.0	0.0	9.5
10	16.5	27.0	21.4	70.0	0.0	0.0	0.0	4.0
11	17.5	26.0	21.3	72.3	0.0	0.0	0.0	4.4
12	16.5	26.0	20.1	71.0	0.0	0.0	0.0	5.0
13	16.0	27.0	20.2	70.7	0.0	0.0	0.0	4.3
14	15.0	25.5	19.0	75.7	1.0	15.6	16.6	4.9
15	16.0	25.0	19.2	79.3	0.0	0.0	0.0	1.7
16	15.5	26.0	20.0	69.3	0.0	0.0	0.0	5.4
17	16.5	26.5	20.5	72.0	0.0	0.0	0.0	7.5
18	15.3	26.0	19.7	64.3	0.0	0.0	0.0	6.1
19	15.0	27.5	20.5	64.3	0.0	0.0	0.0	7.5
20	16.0	26.0	20.0	71.3	0.0	0.0	0.0	8.5
21	15.0	25.6	19.4	70.3	3.2	0.0	3.2	4.6
22	16.0	25.0	20.9	61.3	0.0	0.0	0.0	4.2
23	15.5	28.0	21.6	64.0	0.0	0.0	0.0	7.5
24	15.0	27.8	21.4	66.0	0.0	0.0	0.0	6.8
25	16.0	27.6	21.4	65.0	0.0	0.0	0.0	7.4
26	17.0	26.5	21.4	67.7	0.0	0.0	0.0	6.4
27	16.5	27.0	21.0	66.0	0.0	0.0	0.0	8.4
28	15.5	28.0	21.1	67.0	0.0	0.0	0.0	9.4
29	16.5	27.0	19.1	73.0	.3	0.0	.3	6.6
30	16.0	28.0	20.4	69.7	0.0	0.0	0.0	7.8
31	15.5	26.0	20.0	70.7	0.0	0.0	0.0	5.9
Total :					4.9	52.2	57.1	197.9
Promedio :	15.8	26.4	20.3	69.8				

Estación : EL JAZMIN
Año : 1997

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 'N
Longitud : 75 ° 38 'W
Altitud : 1600 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.3	24.0	18.8	26.0	13.5	77.2	390.8	25	114.9
Febrero	15.6	24.5	19.4	27.4	13.7	77.6	183.3	20	99.2
Marzo	15.8	24.8	19.6	27.8	13.2	74.8	216.4	20	129.0
Abril	15.3	24.0	18.8	27.8	13.9	80.6	299.1	26	85.5
Mayo	15.7	24.3	19.4	27.8	13.8	80.6	196.0	22	88.2
Junio	15.7	24.1	19.2	27.5	13.9	79.5	226.1	21	92.8
Julio	15.8	25.9	20.7	30.4	14.8	68.0	8.3	3	154.5
Agosto	15.9	27.5	21.3	29.3	14.8	63.0	51.5	7	160.2
Septiembre	15.6	24.6	19.5	28.5	14.0	76.7	241.6	22	92.9
Octubre	15.7	25.1	19.6	27.5	14.0	75.8	237.1	19	133.8
Noviembre	15.3	23.5	18.7	26.8	13.2	80.4	221.7	24	89.4
Diciembre	15.8	26.4	20.3	28.0	14.0	69.8	57.1	6	197.9
Promedio :	15.6	24.9	19.6			75.3			
Absoluta :				30.4	13.2				
Total :							2329.0	215	1438.3



Estación : INGENIO RISARALDA
Año : 1997

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 900 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.6	24.1	21.2		1.3	10.9	12.2	0.0
2	19.3	28.7	22.1		5.4	.2	5.6	1.9
3	19.4	29.4	22.7		0.0	0.0	0.0	4.2
4	18.9	29.4	23.0		0.0	0.0	0.0	5.1
5	18.5	30.9	23.2		0.0	0.0	0.0	8.1
6	18.3	30.1	23.4		0.0	22.0	22.0	3.7
7	19.2	28.7	22.5		0.0	0.0	0.0	2.7
8	18.2	31.7	23.5		0.0	0.0	0.0	9.3
9	19.1	30.1	23.0		0.0	1.3	1.3	5.7
10	19.9	26.5	22.0		.2	6.9	7.1	.5
11	19.3	29.9	22.5		0.0	1.9	1.9	3.8
12	19.1	29.2	22.8		.1	5.6	5.7	5.0
13	18.6	30.1	23.3		0.0	0.0	0.0	8.8
14	18.1	31.0	23.7		0.0	0.0	0.0	8.1
15	20.0	30.0	23.8		0.0	2.3	2.3	3.9
16	18.7	30.2	23.2		0.0	3.6	3.6	6.9
17	19.9	28.1	22.5		0.0	1.0	1.0	5.8
18	19.8	29.0	23.2		.4	0.0	.4	6.1
19	18.9	30.8	23.9		0.0	.3	.3	9.3
20	19.9	25.6	22.4		0.0	0.0	0.0	.1
21	18.9	29.7	22.4		.4	1.5	1.9	3.4
22	18.6	30.1	23.0		0.0	0.0	0.0	8.3
23	18.8	30.8	22.6		16.8	1.6	18.4	7.6
24	18.0	29.9	22.4		0.0	0.0	0.0	7.0
25	19.6	30.2	22.5		8.2	.3	8.5	5.0
26	18.3	29.2	22.4		.2	23.9	24.1	5.7
27	17.7	28.8	21.7		0.0	0.0	0.0	5.7
28	18.6	30.5	23.1		0.0	3.4	3.4	6.7
29	19.1	30.4	22.9		0.0	0.0	0.0	6.1
30	19.2	30.9	23.4		0.0	.5	.5	7.9
31	19.5	29.8	23.2		0.0	7.1	7.1	6.5
Total :					33.0	94.3	127.3	168.9
Promedio :	19.0	29.5	22.8					

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.5	29.1	22.4		3.8	14.2	18.0	5.1
2	18.8	30.0	23.0		0.0	0.0	0.0	7.1
3	18.4	31.1	23.1		0.0	.5	.5	7.3
4	17.9	29.1	21.5		29.3	.1	29.4	3.4
5	17.4	29.1	22.1		0.0	.5	.5	5.5
6	19.1	29.4	22.3		10.0	14.9	24.9	6.0
7	19.0	30.4	22.6		0.0	24.9	24.9	5.9
8	19.1	28.2	21.9		.2	3.7	3.9	2.1
9	19.6	29.4	22.9		0.0	2.0	2.0	4.4
10	19.5	27.1	22.7		0.0	27.1	27.1	1.2
11	19.5	28.1	22.3		0.0	0.0	0.0	2.9
12	19.5	30.2	23.2		7.0	5.9	12.9	6.0
13	18.4	30.1	23.1		0.0	0.0	0.0	6.4
14	17.7	31.7	23.8		1.8	0.0	1.8	7.5
15	20.7	30.8	24.4		0.0	2.1	2.1	4.3
16	19.1	28.9	22.4		10.6	.8	11.4	1.8
17	19.4	30.8	23.3		.1	.1	.2	7.4
18	18.5	31.8	23.9		0.0	.3	.3	8.9
19	20.1	32.1	24.6		0.0	0.0	0.0	7.1
20	20.6	30.7	24.5		0.0	.1	.1	3.0
21	20.7	32.7	25.2		0.0	0.0	0.0	8.2
22	20.6	33.9	24.7		4.0	0.0	4.0	7.6
23	20.9	31.3	24.6		0.0	0.0	0.0	2.9
24	19.8	32.1	24.3		0.0	.7	.7	4.9
25	19.4	28.2	23.0		0.0	0.0	0.0	1.3
26	18.9	31.1	24.3		0.0	3.2	3.2	6.4
27	20.6	33.1	25.4		0.0	19.8	19.8	8.3
28	20.9	32.7	25.2		0.0	0.0	0.0	4.9
29								
30								
31								
Total					66.8	120.9	187.7	147.8
Promedio	19.4	30.5	23.5					

Estación : INGENIO RISARALDA
Año : 1997

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 900 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.5	27.6	23.5		.1	.1	.2	0.0
2	20.6	30.9	24.3		0.0	4.9	4.9	4.4
3	20.4	31.1	24.1		0.0	0.0	0.0	5.4
4	20.5	32.3	24.7		.3	1.6	1.9	6.8
5	18.8	25.4	21.7		5.7	0.0	5.7	.2
6	17.7	31.6	23.1		0.0	0.0	0.0	7.8
7	17.5	33.1	24.3		0.0	0.0	0.0	9.7
8	17.5	32.8	24.2		0.0	0.0	0.0	9.1
9	18.2	33.1	24.4		0.0	0.0	0.0	9.1
10	20.2	32.7	25.3		0.0	0.0	0.0	8.1
11	20.0	33.2	25.1		0.0	0.0	0.0	8.8
12	20.0	31.9	24.5		0.0	5.1	5.1	5.2
13	20.1	24.9	21.8		6.9	0.0	6.9	.1
14	18.8	30.5	23.7		0.0	0.0	0.0	8.3
15	19.5	32.6	25.3		0.0	24.0	24.0	8.8
16	20.3	30.9	22.9		22.3	17.7	40.0	4.2
17	20.3	24.5	21.6		3.5	20.3	23.8	0.0
18	20.1	28.4	22.4		18.6	2.7	21.3	3.1
19	19.0	26.8	21.7		10.1	0.0	10.1	2.7
20	18.2	28.3	22.3		0.0	0.0	0.0	2.5
21	17.8	28.3	22.1		0.0	0.0	0.0	3.3
22	17.1	30.6	22.9		0.0	0.0	0.0	7.9
23	18.7	30.6	23.1		0.0	0.0	0.0	6.9
24	16.8	32.1	23.1		0.0	0.0	0.0	9.1
25	17.1	31.7	23.2		0.0	0.0	0.0	10.0
26	17.1	31.4	23.0		0.0	0.0	0.0	9.9
27	18.0	31.7	23.5		0.0	0.0	0.0	7.2
28	18.0	31.8	23.3		0.0	0.0	0.0	7.8
29	19.2	32.0	23.9		0.0	0.0	0.0	6.0
30	18.6	29.6	22.5		2.8	.7	3.5	4.0
31	17.8	30.9	22.6		0.0	0.0	0.0	6.4
Total :					70.3	77.1	147.4	182.8
Promedio :	18.9	30.4	23.4					

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.3	29.3	23.0		0.0	0.0	0.0	2.1
2	18.1	32.2	24.2		0.0	0.0	0.0	8.4
3	19.1	32.9	24.6		0.0	3.5	3.5	8.3
4	20.5	29.5	23.6		4.9	0.0	4.9	4.5
5	18.9	31.7	24.2		0.0	3.9	3.9	8.3
6	18.8	32.1	23.1		78.5	0.0	78.5	6.2
7	18.6	30.3	23.1		0.0	0.0	0.0	5.9
8	19.4	31.2	23.6		0.0	0.0	0.0	3.4
9	20.2	31.3	24.7		0.0	0.0	0.0	5.2
10	20.0	29.1	23.8		0.0	.8	.8	.8
11	21.2	29.1	23.7		0.0	0.0	0.0	1.1
12	19.7	32.6	25.1		0.0	0.0	0.0	7.6
13	20.5	32.5	23.8		0.0	0.0	0.0	3.4
14	19.7	32.0	23.3		4.4	0.0	4.4	5.0
15	19.1	31.1	23.0		3.4	0.0	3.4	5.7
16	18.4	31.8	24.2		0.0	19.9	19.9	8.9
17	20.2	29.9	22.9		7.6	0.0	7.6	3.9
18	20.4	29.1	23.5		0.0	3.1	3.1	1.5
19	19.2	30.0	22.9		64.5	0.0	64.5	5.4
20	18.6	26.0	21.2		0.0	10.4	10.4	3.2
21	19.9	28.2	22.5		1.0	37.7	38.7	2.9
22	19.2	26.3	21.6		30.8	0.0	30.8	.3
23	19.6	29.4	22.9		.4	2.5	2.9	4.8
24	19.2	30.2	23.4		0.0	.4	.4	5.9
25	19.7	27.1	22.1		0.0	0.0	0.0	1.5
26	20.0	31.1	23.2		3.7	47.3	51.0	6.3
27	19.5	30.6	23.5		0.0	.5	.5	6.6
28	18.6	30.7	23.4		6.5	0.0	6.5	7.3
29	18.4	31.8	24.1		0.0	0.0	0.0	9.2
30	19.1	31.0	23.9		0.0	0.0	0.0	4.7
31								
Total :					205.7	130.0	335.7	148.3
Promedio :	19.4	30.3	23.4					

Estación : INGENIO RISARALDA
Año : 1997

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 900 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	31.1	23.7		0.0	0.0	0.0	6.3
2	20.1	31.3	24.4		0.0	0.0	0.0	2.8
3	19.5	31.1	24.5		0.0	.1	.1	5.6
4	19.9	31.5	23.6		.4	0.0	.4	3.5
5	18.2	32.2	24.4		.1	0.0	.1	7.4
6	20.4	30.3	24.2		0.0	1.4	1.4	2.5
7	18.4	31.3	22.7		3.4	0.0	3.4	3.9
8	17.0	31.2	23.8		0.0	0.0	0.0	7.8
9	19.1	30.2	23.2		18.2	.2	18.4	2.4
10	20.1	30.0	23.2		0.0	20.9	20.9	5.0
11	19.4	25.9	21.8		.4	0.0	.4	0.0
12	17.2	31.0	22.8		0.0	.4	.4	7.6
13	19.3	29.7	23.0		9.7	16.8	26.5	5.3
14	18.8	29.9	22.3		2.4	.1	2.5	5.9
15	18.6	30.8	23.0		0.0	0.0	0.0	6.6
16	19.4	31.2	24.2		0.0	0.0	0.0	7.0
17	18.9	32.3	24.1		0.0	0.0	0.0	7.7
18	18.9	32.2	25.1		0.0	0.0	0.0	7.5
19	20.8	30.6	24.7		0.0	3.4	3.4	1.5
20	20.5	30.0	24.5		0.0	0.0	0.0	5.1
21	19.3	31.5	24.5		0.0	33.8	33.8	6.5
22	19.4	30.4	23.4		0.0	0.0	0.0	5.0
23	17.6	31.6	24.6		0.0	21.4	21.4	9.2
24	20.5	29.5	24.3		0.0	0.0	0.0	4.4
25	19.6	27.3	22.3		8.6	0.0	8.6	0.0
26	19.7	27.3	21.8		1.7	12.4	14.1	1.2
27	19.5	30.0	23.2		0.0	0.0	0.0	4.6
28	20.3	29.9	23.5		0.0	0.0	0.0	2.8
29	20.2	30.0	24.2		0.0	0.0	0.0	4.5
30	19.5	29.3	23.0		0.0	0.0	0.0	1.3
31	19.3	27.9	22.9		0.0	8.4	8.4	1.6
Total :					44.9	119.3	164.2	142.5
Promedio :	19.3	30.3	23.6					

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.9	31.1	23.7		0.0	0.0	0.0	5.8
2	19.7	29.4	23.9		0.0	0.0	0.0	4.2
3	18.9	31.6	23.4		0.0	13.6	13.6	5.0
4	19.4	23.6	20.9		12.1	0.0	12.1	0.0
5	19.2	29.7	23.3		0.0	0.0	0.0	7.6
6	20.5	30.2	23.3		0.0	10.3	10.3	4.1
7	19.6	25.4	21.8		2.5	31.2	33.7	.2
8	18.7	26.4	21.5		0.0	0.0	0.0	1.6
9	17.6	31.2	22.1		10.9	0.0	10.9	5.1
10	18.5	30.7	23.2		0.0	3.4	3.4	7.1
11	20.2	29.4	23.2		0.0	19.6	19.6	3.8
12	19.3	31.0	22.9		0.0	0.0	0.0	4.7
13	19.3	28.1	22.5		0.0	0.0	0.0	1.7
14	18.4	31.0	23.3		0.0	.7	.7	7.1
15	18.2	31.2	23.6		0.0	0.0	0.0	8.2
16	20.8	30.8	24.2		0.0	.6	.6	5.1
17	19.0	28.9	23.6		0.0	7.7	7.7	5.5
18	19.8	28.7	23.1		0.0	11.5	11.5	3.8
19	19.7	28.1	22.5		0.0	0.0	0.0	3.3
20	19.4	30.3	24.0		0.0	0.0	0.0	5.9
21	19.0	31.1	24.2		0.0	0.0	0.0	8.9
22	18.4	32.9	24.9		0.0	0.0	0.0	10.4
23	19.8	31.8	24.5		0.0	8.9	8.9	5.9
24	19.5	28.4	23.6		0.0	.2	.2	1.9
25	18.8	29.9	22.5		34.2	5.9	40.1	5.2
26	19.4	27.4	21.8		1.8	0.0	1.8	1.2
27	18.8	31.4	23.3		.1	0.0	.1	6.4
28	17.6	31.5	23.7		0.0	4.2	4.2	8.4
29	20.2	32.4	24.3		0.0	3.2	3.2	9.5
30	20.0	31.6	24.2		0.0	7.3	7.3	8.7
31								
Total :					61.6	128.3	189.9	156.3
Promedio :	19.2	29.8	23.2					

Estación : INGENIO RISARALDA
Año : 1997

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 900 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.8	30.5	23.9		0.0	0.0	0.0	6.7
2	18.2	31.2	23.7		0.0	0.0	0.0	8.4
3	18.8	31.7	23.5		0.0	0.0	0.0	4.3
4	17.6	32.0	24.1		0.0	0.0	0.0	9.8
5	18.4	31.3	24.2		0.0	0.0	0.0	4.3
6	18.7	33.1	25.1		0.0	0.0	0.0	9.2
7	20.2	30.9	24.6		0.0	0.0	0.0	4.9
8	19.3	29.3	23.9		0.0	.6	.6	3.4
9	18.9	28.5	23.5		0.0	0.0	0.0	1.7
10	19.7	31.1	24.1		0.0	.1	.1	7.2
11	19.0	31.2	24.0		0.0	0.0	0.0	6.7
12	18.2	32.9	23.9		0.0	0.0	0.0	4.1
13	15.7	33.5	23.8		0.0	0.0	0.0	8.3
14	17.2	32.3	23.7		0.0	0.0	0.0	4.7
15	17.1	30.9	23.8		0.0	0.0	0.0	4.5
16	18.9	31.0	24.3		0.0	0.0	0.0	5.3
17	19.3	33.0	24.8		0.0	0.0	0.0	7.7
18	17.9	35.3	25.2		0.0	0.0	0.0	10.4
19	16.9	34.9	25.1		0.0	0.0	0.0	10.4
20	16.4	34.6	24.6		0.0	0.0	0.0	9.6
21	16.6	32.2	24.1		0.0	0.0	0.0	7.0
22	18.1	31.0	23.9		0.0	0.0	0.0	4.5
23	16.1	36.5	25.3		0.0	0.0	0.0	10.8
24	16.7	35.9	25.5		0.0	0.0	0.0	10.6
25	18.5	30.5	23.4		0.0	0.0	0.0	.6
26	16.1	33.9	24.2		0.0	0.0	0.0	7.1
27	18.1	29.6	23.2		0.0	0.0	0.0	0.0
28	17.6	29.2	22.9		0.0	0.0	0.0	1.2
29	19.3	32.3	23.8		0.0	0.0	0.0	6.6
30	19.1	30.6	23.8		0.0	0.0	0.0	5.0
31	18.6	33.0	24.9		0.0	6.2	6.2	5.3
Total :					0.0	6.9	6.9	190.3
Promedio :	18.1	32.1	24.2					

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.7	34.9	25.8		0.0	.3	.3	10.1
2	19.1	31.7	24.3		0.0	0.0	0.0	.8
3	18.4	34.2	24.1		0.0	0.0	0.0	5.9
4	16.5	34.5	24.3		0.0	0.0	0.0	4.9
5	17.8	35.2	25.8		0.0	0.0	0.0	8.6
6	19.3	34.4	26.0		0.0	0.0	0.0	6.3
7	19.7	35.2	25.8		0.0	0.0	0.0	6.8
8	16.5	34.6	24.8		0.0	0.0	0.0	7.6
9	18.1	32.9	24.4		0.0	0.0	0.0	3.2
10	17.2	32.2	24.0		0.0	0.0	0.0	5.7
11	17.5	34.0	24.2		0.0	0.0	0.0	4.8
12	19.1	33.3	25.4		0.0	0.0	0.0	6.5
13	19.7	32.7	24.4		.8	0.0	.8	3.9
14	19.5	31.3	24.2		0.0	0.0	0.0	5.6
15	17.5	34.6	25.1		0.0	0.0	0.0	7.7
16	18.7	33.9	25.5		0.0	0.0	0.0	6.9
17	19.2	34.0	25.4		0.0	0.0	0.0	6.8
18	18.7	33.3	25.0		0.0	0.0	0.0	6.0
19	19.1	30.7	24.1		0.0	0.0	0.0	4.6
20	18.3	34.7	25.2		0.0	0.0	0.0	8.2
21	15.0	35.7	25.0		0.0	0.0	0.0	9.8
22	19.0	33.4	25.1		0.0	0.0	0.0	4.3
23	18.0	33.4	24.9		0.0	0.0	0.0	6.4
24	17.7	34.2	25.2		0.0	0.0	0.0	5.0
25	18.0	36.3	26.1		0.0	0.0	0.0	8.7
26	19.6	34.7	26.0		0.0	0.0	0.0	4.1
27	18.8	34.7	25.9		0.0	0.0	0.0	2.6
28	15.4	36.0	25.0		0.0	0.0	0.0	8.6
29	16.5	34.8	24.9		0.0	0.0	0.0	7.5
30	17.1	34.7	25.1		0.0	0.0	0.0	6.2
31	18.2	34.8	25.5		0.0	0.0	0.0	7.8
Total :					.8	.3	1.1	191.9
Promedio :	18.2	34.0	25.0					

Estación : INGENIO RISARALDA
Año : 1997

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 900 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.3	32.5	23.7		5.0	0.0	5.0	1.4
2	18.6	31.5	23.7		0.0	0.0	0.0	3.7
3	17.8	31.6	24.4		0.0	0.0	0.0	4.5
4	18.3	34.5	25.4		0.0	0.0	0.0	8.9
5	18.9	32.9	24.9		0.0	16.0	16.0	3.8
6	18.7	30.5	23.0		0.0	.5	.5	5.9
7	18.9	32.7	23.7		0.0	10.4	10.4	6.0
8	19.7	29.0	22.6		17.3	6.3	23.6	3.7
9	19.8	30.1	23.2		0.0	0.0	0.0	2.5
10	19.7	33.2	24.3		0.0	0.0	0.0	4.2
11	19.0	32.2	24.7		0.0	0.0	0.0	2.3
12	19.7	31.0	24.7		0.0	0.0	0.0	2.0
13	19.3	32.0	24.4		0.0	0.0	0.0	3.5
14	19.1	33.3	25.0		0.0	2.4	2.4	6.4
15	18.8	33.9	24.9		0.0	0.0	0.0	7.4
16	19.4	32.9	24.6		2.9	0.0	2.9	3.1
17	18.2	32.9	24.4		0.0	0.0	0.0	3.5
18	17.6	33.2	24.0		0.0	.1	.1	5.9
19	19.0	32.3	23.5		0.0	28.4	28.4	1.3
20	19.7	30.2	22.2		3.5	.1	3.6	3.3
21	19.3	32.1	24.0		.8	31.6	32.4	7.3
22	19.0	30.3	22.2		8.8	.3	9.1	5.5
23	19.7	29.9	23.0		0.0	1.1	1.1	1.2
24	19.7	29.1	22.7		4.6	2.3	6.9	2.9
25	19.3	30.4	23.7		0.0	6.5	6.5	5.4
26	19.7	30.0	23.6		0.0	.1	.1	3.2
27	19.4	29.4	23.3		0.0	0.0	0.0	4.3
28	19.1	29.5	22.6		0.0	0.0	0.0	2.6
29	17.0	32.0	23.7		0.0	0.0	0.0	8.8
30	17.0	33.4	24.5		0.0	6.3	6.3	9.3
31								
Total :					42.9	112.4	155.3	133.8
Promedio :	19.0	31.6	23.8					

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.6	31.5	23.4		0.0	0.0	0.0	6.4
2	19.8	30.5	23.2		0.0	.2	.2	3.9
3	19.5	28.0	22.7		1.2	0.0	1.2	.9
4	19.2	33.4	24.9		0.0	.1	.1	9.6
5	19.9	31.5	24.2		0.0	0.0	0.0	4.4
6	19.0	32.7	24.4		0.0	0.0	0.0	7.9
7	18.0	32.4	24.0		0.0	0.0	0.0	6.4
8	18.1	31.0	24.0		0.0	0.0	0.0	.4
9	18.8	32.6	23.6		2.6	1.1	3.7	6.5
10	20.0	31.4	23.7		0.0	.8	.8	6.1
11	20.1	30.2	23.5		1.4	3.9	5.3	2.0
12	20.4	30.9	24.2		0.0	3.5	3.5	6.5
13	19.5	30.6	23.5		0.0	0.0	0.0	6.1
14	17.7	32.0	24.0		0.0	0.0	0.0	8.7
15	17.2	30.5	23.3		0.0	0.0	0.0	4.8
16	18.5	30.7	23.1		0.0	0.0	0.0	2.9
17	19.4	30.3	23.2		0.0	1.8	1.8	4.2
18	19.5	30.1	23.0		.5	4.4	4.9	6.0
19	19.1	30.1	23.2		0.0	0.0	0.0	5.3
20	19.0	32.8	24.8		0.0	27.8	27.8	7.8
21	19.7	30.2	23.8		0.0	10.0	10.0	7.3
22	19.5	29.2	23.1		1.6	0.0	1.6	2.5
23	17.8	31.2	23.6		0.0	0.0	0.0	7.9
24	20.2	33.1	24.8		0.0	0.0	0.0	6.2
25	18.6	32.4	24.4		0.0	8.2	8.2	7.0
26	20.4	32.8	25.2		0.0	0.0	0.0	7.5
27	20.0	32.8	24.4		0.0	0.0	0.0	5.9
28	20.1	30.4	24.3		0.0	4.6	4.6	2.6
29	20.4	31.6	24.0		0.0	0.0	0.0	6.0
30	19.9	33.1	24.9		0.0	2.3	2.3	7.4
31	19.9	31.2	23.5		0.0	0.0	0.0	5.2
Total :					7.3	68.7	76.0	172.3
Promedio :	19.3	31.3	23.9					

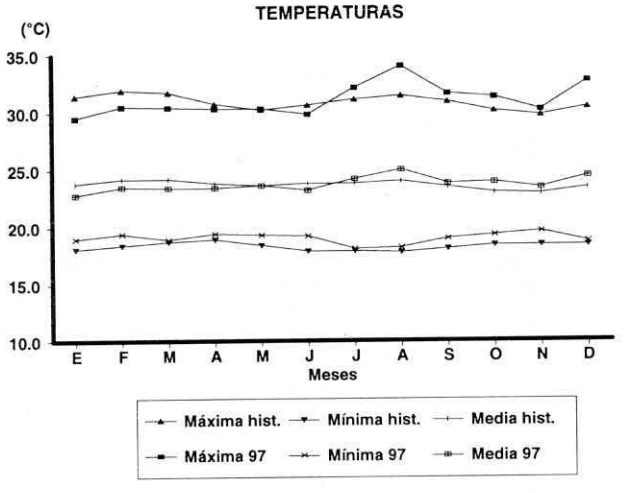
Estación : INGENIO RISARALDA Dpto. : RISARALDA Latitud : 4 ° 55 ' N
Año : 1997 Mpio. : BALBOA Longitud : 75 ° 54 ' W
Altitud : 900 m

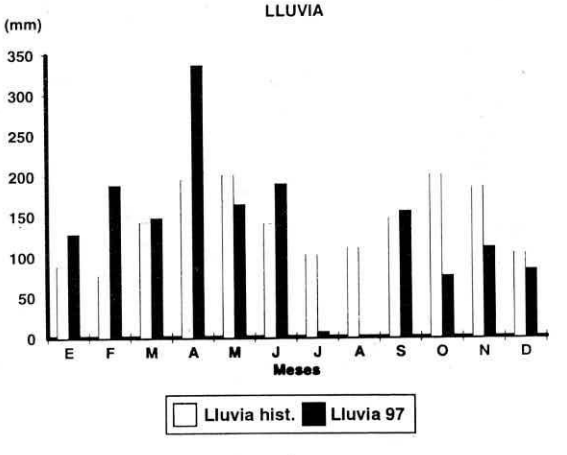
Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	19.2	32.1	23.9		0.0	0.0	0.0	4.4
2	19.3	34.5	24.8		.1	0.0	.1	7.7
3	20.5	30.6	24.3		0.0	0.0	0.0	3.6
4	20.0	30.5	23.3		0.0	.7	.7	3.6
5	20.3	33.0	24.7		0.0	.1	.1	5.8
6	20.4	31.5	24.0		2.6	0.0	2.6	3.5
7	20.7	29.9	23.8		.5	.1	.6	3.0
8	20.0	25.3	21.5		15.1	8.4	23.5	0.0
9	19.6	27.3	22.0		.3	5.2	5.5	.1
10	19.8	29.6	23.6		0.0	8.6	8.6	5.5
11	19.9	31.2	23.8		.6	16.7	17.3	7.4
12	20.0	29.3	23.2		.8	2.0	2.8	4.9
13	19.9	28.0	22.6		.9	0.0	.9	5.5
14	19.2	29.1	22.1		2.5	2.4	4.9	4.2
15	18.5	27.2	21.9		.3	0.0	.3	3.3
16	17.7	29.8	22.8		0.0	2.1	2.1	7.1
17	19.8	30.3	22.9		2.4	0.0	2.4	3.7
18	19.6	31.4	24.0		0.0	.2	.2	6.4
19	19.7	28.6	23.2		5.0	1.1	6.1	2.7
20	19.9	30.6	23.0		0.0	0.0	0.0	5.2
21	18.8	30.6	23.9		0.0	0.0	0.0	8.4
22	19.3	31.9	24.6		0.0	0.0	0.0	8.3
23	20.7	32.3	24.0		5.5	1.9	7.4	5.3
24	20.1	30.3	23.6		23.4	.2	23.6	5.5
25	20.5	27.5	22.5		.7	.1	.8	2.1
26	19.5	27.4	22.0		.3	0.0	.3	.4
27	19.1	31.2	23.2		0.0	0.0	0.0	5.9
28	17.9	33.2	25.6		0.0	0.0	0.0	9.8
29	19.4	31.0	24.1		0.0	0.0	0.0	3.7
30	18.5	30.6	23.6		0.0	.1	.1	8.9
31								
Total					61.0	49.9	110.9	145.9
Promedio	19.6	30.2	23.4					

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	20.0	32.6	24.3		0.0	8.3	8.3	7.5
2	19.2	30.7	23.4		5.9	24.5	30.4	8.5
3	19.7	30.1	23.4		4.5	0.0	4.5	7.5
4	17.3	31.7	23.5		0.0	0.0	0.0	9.2
5	17.6	33.5	24.1		0.0	0.0	0.0	9.1
6	18.8	32.9	24.7		0.0	0.0	0.0	8.0
7	18.5	31.8	24.6		0.0	0.0	0.0	6.3
8	18.8	33.8	24.9		0.0	0.0	0.0	8.1
9	19.4	32.5	24.7		0.0	0.0	0.0	8.6
10	19.5	32.3	24.7		0.0	0.0	0.0	6.6
11	20.1	32.4	25.0		0.0	0.0	0.0	7.9
12	20.5	32.2	24.9		0.0	0.0	0.0	8.9
13	19.5	32.1	24.4		0.0	0.0	0.0	7.3
14	17.9	32.0	22.7		12.3	2.5	14.8	7.2
15	18.9	28.8	23.0		0.0	0.0	0.0	3.4
16	18.8	32.7	24.3		0.0	0.0	0.0	8.0
17	18.9	32.7	24.4		0.0	0.0	0.0	8.1
18	18.5	31.8	23.7		0.0	0.0	0.0	6.6
19	17.0	32.9	24.0		0.0	0.0	0.0	9.1
20	19.0	32.0	24.4		0.0	0.0	0.0	7.9
21	18.3	32.7	24.6		0.0	0.0	0.0	8.9
22	18.7	33.5	25.5		0.0	0.0	0.0	8.0
23	17.5	35.1	25.3		0.0	0.0	0.0	9.2
24	18.2	34.4	25.3		0.0	0.0	0.0	9.3
25	18.2	32.9	25.0		0.0	0.0	0.0	6.5
26	19.8	33.9	25.5		0.0	0.0	0.0	7.6
27	19.2	33.9	24.9		0.0	0.0	0.0	8.9
28	18.0	34.7	24.9		0.0	0.0	0.0	9.2
29	18.0	34.1	24.3		20.5	0.0	20.5	9.5
30	18.3	32.4	24.1		0.0	0.0	0.0	7.9
31	17.4	33.4	24.1		0.0	5.2	5.2	8.1
Total					43.2	40.5	83.7	246.9
Promedio	18.7	32.7	24.4					

Estación : INGENIO RISARALDA **Dpto. :** RISARALDA **Latitud :** 4 ° 55 'N
Año : 1997 **Mpio. :** BALBOA **Longitud :** 75 ° 54 'W
Altitud : 900 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	19.0	29.5	22.8	31.7	17.7		127.3	19	168.9
Febrero	19.4	30.5	23.5	33.9	17.4		187.7	20	147.8
Marzo	18.9	30.4	23.4	33.2	16.8		147.4	12	182.8
Abril	19.4	30.3	23.4	32.9	18.1		335.7	19	148.3
Mayo	19.3	30.3	23.6	32.3	17.0		164.2	17	142.5
Junio	19.2	29.8	23.2	32.9	17.6		189.9	19	156.3
Julio	18.1	32.1	24.2	36.5	15.7		6.9	3	190.3
Agosto	18.2	34.0	25.0	36.3	15.0		1.1	2	191.9
Septiembre	19.0	31.6	23.8	34.5	17.0		155.3	17	133.8
Octubre	19.3	31.3	23.9	33.4	17.2		76.0	15	172.3
Noviembre	19.6	30.2	23.4	34.5	17.7		110.9	22	145.9
Diciembre	18.7	32.7	24.4	35.1	17.0		83.7	6	246.9
Promedio :	19.0	31.1	23.7						
Absoluta :				36.5	15.0				
Total :							1586.1	171	2027.7





Estación : LA CATALINA
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45 ' N
Longitud : 75 ° 44 ' W
Altitud : 1310 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	22.2	18.7	96.7	7.4	0.0	7.4	0.0
2	16.5	25.0	20.3	86.3	0.0	1.0	1.0	2.4
3	17.2	25.4	20.2	83.7	1.2	0.0	1.2	3.0
4	17.6	26.2	21.3	80.0	8.3	0.0	8.3	5.7
5	17.0	28.0	22.0	75.0	0.0	0.0	0.0	8.9
6	17.8	27.7	21.5	79.7	.1	0.0	.1	5.9
7	17.6	24.5	20.7	85.0	.8	.3	1.1	.7
8	17.0	28.4	22.4	74.0	0.0	0.0	0.0	7.9
9	18.1	26.6	21.6	85.0	0.0	49.6	49.6	3.8
10	17.0	23.3	18.8	92.3	10.0	0.0	10.0	.2
11	16.7	26.8	20.7	74.7	0.0	2.7	2.7	5.7
12	17.5	26.5	20.5	82.3	0.0	31.3	31.3	4.9
13	15.9	27.0	21.1	82.3	0.0	0.0	0.0	7.8
14	16.9	28.4	22.0	68.7	0.0	0.0	0.0	6.8
15	17.4	27.3	20.2	83.7	3.1	0.0	3.1	4.8
16	17.0	27.0	20.8	83.3	1.5	11.7	13.2	3.8
17	17.1	25.5	20.4	86.7	16.1	20.0	36.1	1.3
18	17.0	25.2	20.2	85.7	6.8	3.4	10.2	3.4
19	16.6	27.8	21.9	77.3	0.0	10.6	10.6	9.2
20	17.4	23.2	19.8	87.0	0.0	0.0	0.0	.5
21	16.0	26.3	18.7	85.7	30.7	0.0	30.7	2.6
22	15.6	27.4	21.1	79.0	0.0	3.7	3.7	8.1
23	17.5	28.0	19.9	84.7	6.2	1.3	7.5	7.4
24	14.8	26.0	21.1	77.7	.2	42.3	42.5	7.0
25	17.7	27.0	21.5	83.3	2.5	16.3	18.8	3.2
26	16.7	26.7	20.4	85.3	0.0	0.0	0.0	6.9
27	15.0	26.5	20.1	79.0	0.0	0.0	0.0	7.7
28	17.0	28.0	21.6	74.3	0.0	.7	.7	7.6
29	17.4	27.9	22.2	74.0	.8	10.0	10.8	6.9
30	17.0	28.1	21.4	80.0	.5	10.6	11.1	7.2
31	17.1	26.1	21.5	79.7	0.0	48.9	48.9	5.2
Total :					96.2	264.4	360.6	156.5
Promedio :	16.9	26.5	20.8	81.7				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	26.2	19.8	80.7	1.6	0.0	1.6	4.8
2	16.9	27.5	21.1	78.7	.3	0.0	.3	5.5
3	16.5	28.5	20.2	80.3	1.5	.2	1.7	7.1
4	16.0	25.4	19.1	86.3	1.3	2.2	3.5	3.9
5	15.7	27.0	19.5	82.0	0.0	0.0	0.0	4.9
6	16.0	27.2	20.7	81.3	.1	2.5	2.6	7.9
7	17.0	26.0	19.7	84.0	1.1	0.0	1.1	2.6
8	17.1	26.4	20.4	82.0	3.8	2.2	6.0	3.0
9	17.4	25.5	21.1	81.0	0.0	.7	.7	1.8
10	17.0	24.7	19.9	87.0	.3	0.0	.3	.8
11	18.0	25.2	20.7	87.0	.3	0.0	.3	2.0
12	17.7	26.7	21.4	80.0	.2	.2	.4	2.3
13	16.4	27.8	21.3	78.7	0.0	0.0	0.0	5.1
14	16.5	28.0	22.7	76.3	0.0	0.0	0.0	7.0
15	18.0	28.0	22.2	80.0	4.4	12.5	16.9	4.7
16	17.8	26.1	19.7	90.3	15.2	18.8	34.0	1.9
17	17.0	27.5	20.2	84.7	2.4	8.2	10.6	6.5
18	15.7	28.0	21.2	79.3	.3	0.0	.3	8.5
19	17.8	29.0	22.9	76.7	0.0	0.0	0.0	6.1
20	19.5	27.7	22.9	78.0	0.0	0.0	0.0	3.1
21	19.1	28.5	23.3	76.7	0.0	.2	.2	6.5
22	18.5	29.0	22.1	83.0	2.6	0.0	2.6	5.6
23	18.0	27.7	21.9	82.7	.6	0.0	.6	3.1
24	18.3	27.4	22.2	83.7	0.0	0.0	0.0	3.5
25	17.1	25.7	21.8	84.0	0.0	0.0	0.0	1.3
26	18.7	26.5	22.8	83.7	.4	0.0	.4	4.6
27	18.0	29.0	23.7	77.0	0.0	0.0	0.0	5.0
28	18.5	28.5	22.2	78.0	0.0	0.0	0.0	2.9
29								
30								
31								
Total :					36.4	47.7	84.1	122.0
Promedio :	17.4	27.2	21.3	81.5				

Estación : LA CATALINA
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45 ' N
Longitud : 75 ° 44 ' W
Altitud : 1310 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	25.2	21.0	84.0	5.8	.1	5.9	.6
2	18.2	29.0	22.4	74.3	0.0	.6	.6	5.1
3	18.0	27.7	22.2	86.0	6.3	4.8	11.1	4.0
4	18.7	28.5	22.2	76.0	0.0	0.0	0.0	4.8
5	16.9	22.5	19.5	90.7	.9	0.0	.9	.1
6	15.9	27.5	21.0	79.7	0.0	0.0	0.0	5.3
7	15.7	29.5	22.4	76.0	0.0	0.0	0.0	8.9
8	17.0	30.0	23.3	67.7	0.0	0.0	0.0	9.4
9	17.7	29.0	23.4	74.3	4.8	0.0	4.8	8.5
10	18.5	29.3	22.6	83.0	3.9	0.0	3.9	6.9
11	18.0	29.5	20.8	82.0	13.0	4.9	17.9	7.7
12	18.6	28.4	22.1	81.7	.2	33.5	33.7	4.8
13	17.6	22.2	19.3	94.0	3.7	.2	3.9	.1
14	16.0	28.5	22.2	78.3	0.0	0.0	0.0	7.4
15	18.5	30.0	23.4	73.3	0.0	0.0	0.0	7.7
16	18.0	27.7	20.6	85.7	49.5	30.0	79.5	1.9
17	17.8	21.5	19.3	91.7	9.3	3.6	12.9	0.0
18	17.2	25.8	19.8	88.0	27.5	5.1	32.6	2.3
19	16.4	24.2	19.0	93.7	28.7	0.0	28.7	2.3
20	16.0	25.3	20.4	84.7	0.0	43.6	43.6	3.2
21	16.7	27.5	20.7	79.0	0.0	0.0	0.0	4.4
22	16.0	28.0	22.2	70.7	0.0	0.0	0.0	9.3
23	18.0	28.0	22.0	75.3	0.0	0.0	0.0	8.0
24	16.0	29.5	22.2	69.7	0.0	0.0	0.0	10.2
25	15.7	28.7	22.0	70.0	0.0	0.0	0.0	9.4
26	16.2	28.3	22.2	72.7	0.0	0.0	0.0	6.9
27	17.5	30.3	22.1	68.0	0.0	0.0	0.0	7.4
28	16.7	28.5	22.7	67.0	0.0	0.0	0.0	8.4
29	17.4	27.4	22.2	73.7	0.0	0.0	0.0	6.3
30	17.5	26.6	20.3	86.7	0.0	0.0	0.0	2.6
31	16.4	28.5	20.6	82.3	1.0	6.5	7.5	4.2
Total					154.6	132.9	287.5	168.1
Promedio	17.2	27.5	21.5	79.4				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	24.0	20.0	88.0	0.0	0.0	0.0	1.4
2	16.1	28.3	21.3	77.3	0.0	0.0	0.0	8.4
3	17.2	27.4	21.8	75.7	0.0	21.1	21.1	4.8
4	17.0	26.5	21.1	80.7	.2	0.0	.2	3.0
5	17.5	28.2	21.4	84.0	1.5	0.0	1.5	5.8
6	17.7	29.5	20.8	83.3	12.0	1.0	13.0	7.2
7	16.2	28.0	21.6	80.3	0.0	0.0	0.0	4.8
8	18.2	26.5	21.1	85.0	0.0	0.0	0.0	1.6
9	18.5	27.7	22.1	77.7	0.0	0.0	0.0	4.3
10	18.6	26.4	20.2	93.0	9.2	4.0	13.2	.7
11	18.4	25.6	21.4	83.7	0.0	.2	.2	1.1
12	18.2	30.0	22.8	78.7	0.0	0.0	0.0	6.2
13	18.2	26.5	21.5	81.7	0.0	0.0	0.0	3.8
14	16.0	27.2	21.8	81.3	0.0	0.0	0.0	.6
15	18.2	26.4	20.8	86.7	2.2	0.0	2.2	1.7
16	16.4	28.0	22.6	75.3	.2	0.0	.2	7.4
17	18.5	26.4	20.6	85.7	14.9	.1	15.0	1.5
18	17.9	25.0	20.9	84.3	.2	.7	.9	.6
19	18.0	26.2	20.6	86.3	4.1	21.6	25.7	1.0
20	16.4	23.2	18.8	94.7	2.8	.5	3.3	1.2
21	17.0	24.3	19.7	85.3	.8	4.5	5.3	.8
22	16.7	23.4	19.7	88.7	19.6	0.0	19.6	.3
23	17.7	26.5	21.0	82.3	0.0	.1	.1	3.1
24	17.2	28.5	21.5	77.7	0.0	0.0	0.0	6.3
25	18.0	23.5	19.5	94.0	2.0	0.0	2.0	.1
26	16.2	27.5	21.5	83.0	2.3	24.0	26.3	3.8
27	16.2	26.0	20.9	82.0	0.0	.1	.1	5.0
28	17.6	27.0	21.7	79.7	.3	18.1	18.4	4.8
29	16.1	28.8	22.8	74.7	0.0	0.0	0.0	8.7
30	17.5	27.0	21.5	73.3	0.0	0.0	0.0	1.9
31								
Total					72.3	96.0	168.3	101.9
Promedio	17.3	26.6	21.1	82.8				

Estación : LA CATALINA
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45 ' N
Longitud : 75 ° 44 ' W
Altitud : 1310 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	28.7	22.0	75.3	0.0	0.0	0.0	5.4
2	18.5	27.5	22.4	79.0	0.0	0.0	0.0	1.2
3	18.2	27.0	21.9	75.7	5.8	.3	6.1	3.5
4	18.0	26.5	21.6	79.7	17.5	0.0	17.5	1.8
5	16.1	27.5	21.7	76.7	0.0	0.0	0.0	5.0
6	18.3	27.3	21.8	81.3	.9	0.0	.9	3.1
7	17.7	27.7	20.8	83.3	7.1	0.0	7.1	3.1
8	15.4	28.8	22.7	71.3	0.0	0.0	0.0	8.0
9	17.9	26.5	24.0	87.0	2.6	.9	3.5	2.0
10	18.0	27.0	21.2	81.0	8.0	27.4	35.4	4.0
11	16.8	22.8	18.8	91.7	2.1	0.0	2.1	.5
12	16.2	26.0	20.8	82.7	0.0	18.8	18.8	3.7
13	16.8	27.5	20.0	84.0	14.1	0.0	14.1	4.7
14	16.1	26.4	20.6	81.3	5.2	1.0	6.2	3.8
15	17.6	26.7	20.9	86.3	0.0	0.0	0.0	4.6
16	18.4	26.4	20.9	82.0	2.0	0.0	2.0	4.7
17	18.0	28.5	22.4	80.3	0.0	0.0	0.0	6.8
18	17.8	29.5	22.8	75.0	0.0	0.0	0.0	6.6
19	18.0	26.5	22.5	81.0	0.0	0.0	0.0	1.2
20	18.6	26.2	22.0	85.0	0.0	0.0	0.0	1.8
21	17.5	27.5	22.0	81.3	0.0	9.1	9.1	3.8
22	18.5	25.5	20.6	86.7	10.0	0.0	10.0	2.7
23	16.7	29.0	23.7	75.0	0.0	0.0	0.0	7.5
24	20.0	26.7	21.4	84.7	0.0	0.0	0.0	3.6
25	18.6	25.0	20.1	94.0	2.6	.5	3.1	0.0
26	18.0	23.0	19.3	96.0	2.2	21.3	23.5	.5
27	17.2	26.6	21.2	87.0	0.0	0.0	0.0	2.5
28	18.5	25.7	21.6	87.0	0.0	0.0	0.0	.3
29	17.2	25.8	21.2	85.7	.2	0.0	.2	3.1
30	18.0	26.0	20.6	87.0	5.2	0.0	5.2	1.6
31	17.0	24.4	20.5	86.0	0.0	0.0	0.0	.3
Total :					85.5	79.3	164.8	101.4
Promedio :	17.6	26.7	21.4	82.9				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.0	21.2	79.3	.4	0.0	.4	3.8
2	17.5	27.0	21.8	81.0	0.0	0.0	0.0	1.0
3	17.8	29.1	22.5	77.0	13.0	0.0	13.0	3.9
4	17.0	21.5	18.5	93.3	10.6	0.0	10.6	0.0
5	16.5	26.5	20.7	79.0	0.0	0.0	0.0	4.4
6	17.9	26.2	21.6	83.7	.4	14.6	15.0	2.4
7	17.6	22.5	19.2	88.7	1.7	8.5	10.2	.1
8	16.0	22.3	19.1	88.0	.6	0.0	.6	.6
9	16.5	27.0	20.6	82.7	6.2	4.3	10.5	3.4
10	15.3	27.4	21.4	80.0	0.0	8.4	8.4	6.5
11	18.2	26.2	21.8	79.7	0.0	15.0	15.0	2.4
12	17.4	26.5	20.6	84.7	.7	.1	.8	2.7
13	17.6	23.8	20.0	88.7	2.4	.1	2.5	.5
14	17.5	28.5	21.6	78.7	1.0	0.0	1.0	6.4
15	17.0	28.3	21.6	82.7	0.0	0.0	0.0	5.3
16	18.0	28.0	21.9	83.7	0.0	0.0	0.0	4.1
17	18.4	27.0	22.0	81.3	0.0	0.0	0.0	2.7
18	18.0	25.5	20.4	92.3	1.2	51.7	52.9	2.5
19	17.3	25.3	20.8	88.3	.4	0.0	.4	4.7
20	17.8	27.0	21.8	79.0	0.0	1.3	1,3	5.4
21	17.4	27.7	22.1	78.3	0.0	0.0	0.0	7.6
22	17.5	29.5	23.7	67.7	0.0	0.0	0.0	10.6
23	17.4	28.9	22.4	78.3	0.0	1.0	1.0	5.3
24	17.8	26.0	21.2	85.3	0.0	1.3	1.3	1.5
25	18.0	25.8	20.6	85.3	.6	4.2	4.8	3.7
26	17.1	23.0	19.0	90.0	4.7	0.0	4.7	.6
27	16.7	27.5	20.4	80.7	1.7	0.0	1.7	5.5
28	16.9	27.0	21.9	76.7	0.0	3.5	3.5	6.3
29	17.5	28.0	22.1	75.3	0.0	11.7	11.7	7.4
30	17.0	26.2	20.8	85.3	.9	4.2	5.1	6.2
31								
Total :					46.5	129.9	176.4	117.5
Promedio :	17.3	26.4	21.1	82.5				

Estación : LA CATALINA
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45' N
Longitud : 75 ° 44' W
Altitud : 1310 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	27.0	21.7	83.0	0.0	0.0	0.0	4.8
2	17.0	27.5	21.8	74.7	0.0	0.0	0.0	9.5
3	16.8	27.3	21.5	81.0	0.0	0.0	0.0	5.7
4	17.0	28.0	22.6	74.7	0.0	0.0	0.0	6.9
5	16.7	27.5	23.0	67.7	0.0	0.0	0.0	3.6
6	17.2	30.0	23.8	66.7	0.0	0.0	0.0	9.5
7	17.7	28.0	21.9	80.3	3.8	0.0	3.8	5.0
8	17.5	25.5	21.3	86.7	0.0	0.0	0.0	2.6
9	18.5	24.0	21.2	84.0	0.0	0.0	0.0	.1
10	17.6	27.0	20.2	84.3	9.6	0.0	9.6	5.9
11	16.8	27.5	22.3	78.3	0.0	0.0	0.0	7.2
12	18.2	29.6	24.4	57.3	0.0	0.0	0.0	10.1
13	16.3	29.0	23.2	65.3	0.0	0.0	0.0	7.4
14	17.5	29.8	23.4	64.7	0.0	0.0	0.0	7.0
15	17.4	26.0	22.0	77.7	0.0	.2	.2	4.6
16	17.6	27.5	20.8	83.3	4.0	4.9	8.9	4.8
17	17.2	28.0	23.6	68.0	0.0	0.0	0.0	5.7
18	17.5	31.3	24.5	56.0	0.0	0.0	0.0	10.5
19	16.0	31.5	25.0	51.3	0.0	0.0	0.0	10.7
20	16.3	31.0	24.2	52.3	0.0	0.0	0.0	9.4
21	16.0	29.0	23.4	70.7	0.0	0.0	0.0	7.5
22	16.2	29.2	23.4	65.0	0.0	0.0	0.0	5.7
23	17.5	33.4	25.5	52.3	0.0	0.0	0.0	10.5
24	18.2	32.7	26.0	46.0	0.0	0.0	0.0	10.9
25	19.0	28.0	24.0	58.7	0.0	0.0	0.0	1.0
26	16.3	32.0	24.8	52.3	0.0	0.0	0.0	9.0
27	18.5	26.5	22.1	71.7	0.0	0.0	0.0	0.0
28	17.2	27.0	21.8	76.0	0.0	0.0	0.0	2.5
29	17.5	29.0	21.4	75.3	2.0	0.0	2.0	5.2
30	17.0	28.0	21.6	73.3	.5	0.0	.5	4.1
31	16.5	30.0	22.6	68.7	.2	0.0	.2	6.9
Total					20.1	5.1	25.2	194.3
Promedio :	17.2	28.6	22.9	69.3				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	31.4	24.2	62.3	0.0	0.0	0.0	10.4
2	16.8	28.0	21.8	81.7	10.7	0.0	10.7	2.2
3	17.4	30.8	22.8	64.0	0.0	0.0	0.0	7.3
4	16.5	31.0	24.2	55.7	0.0	0.0	0.0	7.4
5	17.3	32.0	25.3	51.7	0.0	0.0	0.0	9.0
6	18.5	30.8	24.9	56.3	0.0	0.0	0.0	6.9
7	17.5	31.9	25.0	49.7	0.0	0.0	0.0	7.2
8	16.0	31.7	25.1	45.3	0.0	0.0	0.0	8.9
9	17.6	28.5	22.7	57.3	0.0	0.0	0.0	.9
10	17.3	30.0	23.1	54.7	0.0	0.0	0.0	6.2
11	17.1	28.5	22.6	68.3	0.0	0.0	0.0	3.2
12	17.0	28.3	23.5	68.7	0.0	0.0	0.0	3.7
13	18.0	28.0	22.5	75.0	0.0	0.0	0.0	2.9
14	17.5	27.1	21.2	85.0	4.8	0.0	4.8	5.7
15	16.0	31.0	23.3	67.3	.3	0.0	.3	9.0
16	16.5	30.3	23.0	70.3	0.0	0.0	0.0	7.5
17	16.9	29.3	23.2	69.3	0.0	1.3	1.3	8.1
18	17.5	29.5	22.2	72.3	0.0	0.0	0.0	8.0
19	16.2	27.4	21.5	76.7	4.2	0.0	4.2	3.5
20	17.0	31.3	23.8	56.7	0.0	0.0	0.0	9.8
21	16.1	32.0	23.8	57.0	0.0	0.0	0.0	9.4
22	17.0	28.5	22.0	73.0	0.0	0.0	0.0	4.0
23	17.8	28.0	22.3	75.7	.3	0.0	.3	6.0
24	17.5	30.8	24.4	68.0	0.0	0.0	0.0	5.8
25	17.0	31.5	23.7	69.3	0.0	0.0	0.0	8.0
26	17.8	33.0	24.2	70.0	0.0	0.0	0.0	6.0
27	18.0	30.0	24.3	51.7	0.0	0.0	0.0	4.3
28	21.0	32.5	25.3	35.3	0.0	0.0	0.0	10.0
29	16.8	30.5	23.1	62.0	0.0	0.0	0.0	8.8
30	16.7	29.0	23.0	65.7	0.0	0.0	0.0	5.6
31	16.7	30.5	22.2	74.3	.3	14.4	14.7	8.1
Total					20.6	15.7	36.3	203.8
Promedio :	17.3	30.1	23.4	64.2				

Estación : LA CATALINA
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45 ' N
Longitud : 75 ° 44 ' W
Altitud : 1310 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	28.0	21.2	80.7	2.3	.2	2.5	3.6
2	16.3	25.9	20.5	89.3	.9	0.0	.9	2.9
3	15.4	26.2	21.6	72.7	0.0	0.0	0.0	5.2
4	15.5	30.5	23.2	66.0	0.0	0.0	0.0	9.0
5	17.0	28.8	23.0	72.7	0.0	54.6	54.6	4.3
6	15.1	24.4	19.2	83.3	.5	.3	.8	3.3
7	17.2	26.8	21.6	76.0	1.4	27.0	28.4	5.7
8	17.2	24.5	20.5	85.0	2.6	1.0	3.6	2.5
9	16.9	26.3	21.6	79.7	0.0	.3	.3	3.0
10	17.0	27.1	21.9	78.7	0.0	0.0	0.0	2.0
11	16.8	28.0	22.3	75.3	.2	0.0	.2	3.7
12	17.0	26.0	21.7	81.7	.3	0.0	.3	2.0
13	17.1	28.0	22.1	73.0	0.0	0.0	0.0	4.7
14	16.5	28.2	22.8	73.3	0.0	0.0	0.0	4.3
15	16.2	30.5	23.2	70.3	0.0	0.0	0.0	8.7
16	17.2	28.8	23.0	74.7	0.0	0.0	0.0	4.1
17	16.1	27.9	23.0	71.3	0.0	0.0	0.0	4.2
18	15.7	28.4	22.4	71.7	0.0	0.0	0.0	5.9
19	17.8	26.1	21.2	80.0	.2	26.8	27.0	2.4
20	16.7	24.0	19.4	85.7	3.0	0.0	3.0	1.3
21	16.0	26.9	20.7	85.0	.3	2.9	3.2	4.0
22	16.6	25.7	19.9	83.0	13.8	3.1	16.9	1.9
23	16.9	24.3	19.5	84.3	8.6	22.4	31.0	1.7
24	16.2	24.0	20.2	86.0	1.2	.7	1.9	3.6
25	16.5	27.0	21.3	80.0	.1	1.1	1.2	4.3
26	16.9	23.4	19.3	91.7	3.5	0.0	3.5	1.1
27	16.3	24.0	19.7	93.0	7.7	0.0	7.7	3.0
28	16.6	23.8	19.6	90.7	1.6	0.0	1.6	2.2
29	14.7	28.3	21.8	74.7	0.0	0.0	0.0	9.1
30	15.8	26.8	22.4	69.3	0.0	0.0	0.0	5.0
31								
Total					48.2	140.4	188.6	118.7
Promedio	16.5	26.6	21.3	79.3				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	27.5	21.7	75.0	0.0	0.0	0.0	5.9
2	17.8	27.7	19.8	85.0	22.4	0.0	22.4	2.8
3	16.8	25.0	20.4	84.0	0.0	0.0	0.0	.1
4	17.0	28.8	20.8	74.3	4.8	0.0	4.8	7.3
5	17.5	27.5	21.2	75.7	0.0	0.0	0.0	4.7
6	16.5	28.2	21.5	72.3	0.0	0.0	0.0	3.7
7	16.0	27.4	21.7	67.7	0.0	0.0	0.0	5.5
8	17.0	26.2	20.6	85.0	.5	0.0	.5	3.1
9	17.1	28.7	21.6	70.7	0.0	0.0	0.0	7.0
10	18.0	28.0	21.4	73.0	0.0	9.9	9.9	7.0
11	16.8	26.0	20.2	82.0	10.4	13.8	24.2	3.0
12	17.5	27.5	21.6	74.0	0.0	3.7	3.7	6.3
13	16.6	26.5	20.5	79.0	1.3	0.0	1.3	6.9
14	17.0	27.4	21.7	70.0	0.0	0.0	0.0	9.2
15	16.0	27.0	21.2	67.0	0.0	0.0	0.0	5.2
16	17.3	26.7	20.1	78.7	3.9	13.9	17.8	1.4
17	16.0	25.2	20.4	74.7	0.0	5.3	5.3	4.3
18	16.2	25.0	20.1	83.3	.7	3.8	4.5	4.1
19	17.2	26.5	21.4	81.0	0.0	0.0	0.0	7.1
20	17.4	28.7	22.0	75.0	0.0	5.9	5.9	5.9
21	16.3	26.3	20.8	76.3	0.0	34.0	34.0	5.8
22	16.5	25.5	20.8	75.0	2.2	0.0	2.2	4.0
23	16.0	27.0	21.6	77.0	0.0	0.0	0.0	7.2
24	17.5	27.6	21.5	75.7	0.0	0.0	0.0	6.1
25	16.5	27.5	22.0	73.3	0.0	0.0	0.0	6.9
26	17.7	28.0	23.0	75.3	0.0	0.0	0.0	8.6
27	17.8	29.8	22.0	76.0	0.0	0.0	0.0	5.6
28	18.5	25.8	22.2	76.0	0.0	.3	.3	1.9
29	18.9	28.2	21.8	73.0	0.0	0.0	0.0	5.4
30	18.2	29.5	22.5	69.3	0.0	0.0	0.0	9.0
31	17.5	27.6	21.0	75.3	0.0	0.0	0.0	4.2
Total					46.2	90.6	136.8	165.2
Promedio	17.1	27.2	21.3	75.8				

Estación : LA CATALINA
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45' N
Longitud : 75 ° 44' W
Altitud : 1310 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.0	20.6	76.0	.9	0.0	.9	4.4
2	16.3	29.3	23.1	72.3	0.0	0.0	0.0	7.1
3	17.4	26.5	21.7	79.3	0.0	0.0	0.0	.5
4	17.8	26.9	20.5	83.0	2.6	0.0	2.6	4.1
5	17.0	27.2	21.2	74.3	4.4	.4	4.8	3.9
6	17.2	27.7	21.1	81.0	42.3	0.0	42.3	3.8
7	16.4	25.0	20.0	83.0	18.1	19.9	38.0	1.6
8	17.0	20.0	18.0	94.3	15.0	6.8	21.8	0.0
9	15.8	22.0	18.2	88.0	3.2	.9	4.1	.2
10	16.7	25.8	20.7	81.3	.4	5.5	5.9	4.2
11	17.0	26.0	20.6	79.3	0.0	.5	.5	3.6
12	16.7	24.5	19.7	82.3	5.4	4.4	9.8	2.3
13	16.4	24.0	19.0	81.0	0.0	6.9	6.9	3.0
14	16.2	25.0	18.6	76.3	2.3	0.0	2.3	3.4
15	15.0	24.0	19.2	77.3	0.0	0.0	0.0	4.1
16	15.1	26.0	20.1	81.3	0.0	8.5	8.5	7.4
17	16.7	25.0	20.1	81.7	.6	0.0	.6	1.8
18	17.0	27.0	21.4	75.0	0.0	.1	.1	3.8
19	17.1	27.5	20.0	83.0	4.4	0.0	4.4	3.2
20	17.0	25.0	19.7	88.7	3.6	0.0	3.6	1.9
21	16.0	27.3	21.9	75.7	0.0	0.0	0.0	5.4
22	18.0	27.8	23.2	71.3	0.0	0.0	0.0	5.1
23	17.8	28.0	21.8	76.3	3.1	0.0	3.1	5.2
24	18.5	26.2	21.4	81.7	1.3	7.5	8.8	3.9
25	17.2	24.5	19.2	84.7	37.9	4.0	41.9	2.8
26	15.8	23.3	19.5	83.0	2.7	.1	2.8	.3
27	16.2	27.5	21.0	73.0	0.0	0.0	0.0	5.6
28	17.2	29.0	22.3	68.0	0.0	0.0	0.0	10.4
29	16.8	28.0	21.5	75.0	0.0	.7	.7	2.8
30	15.1	27.1	21.2	72.0	0.0	0.0	0.0	9.7
31								
Total					148.2	66.2	214.4	115.5
Promedio :	16.7	26.0	20.5	79.3				

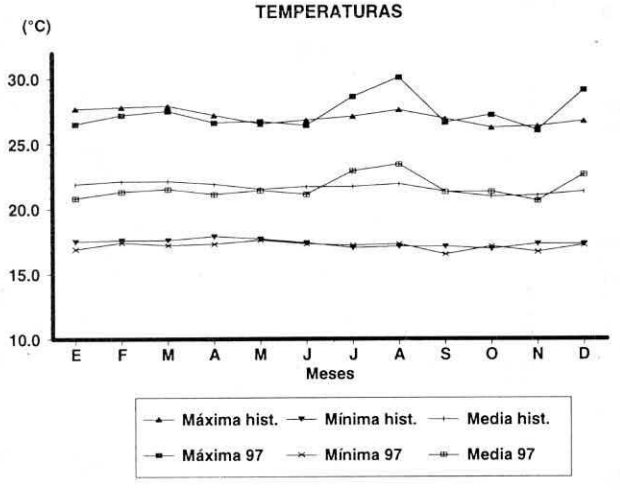
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.5	22.6	73.3	0.0	2.1	2.1	6.0
2	17.0	27.5	21.3	80.3	.2	3.4	3.6	6.4
3	17.8	26.8	21.4	75.7	0.0	0.0	0.0	6.4
4	16.0	28.4	22.0	73.0	0.0	0.0	0.0	9.5
5	17.0	29.0	22.6	73.0	0.0	0.0	0.0	10.1
6	17.0	29.5	23.5	71.7	0.0	0.0	0.0	7.2
7	17.7	29.2	22.7	72.3	6.0	0.0	6.0	6.7
8	17.6	29.3	23.0	65.0	.3	0.0	.3	7.0
9	17.5	29.0	22.4	73.0	0.0	0.0	0.0	7.9
10	17.0	29.5	23.0	72.7	0.0	0.0	0.0	5.3
11	18.5	29.1	22.8	73.0	.1	0.0	.1	5.6
12	17.8	28.4	23.1	72.7	0.0	0.0	0.0	6.1
13	17.0	29.5	21.6	73.7	0.0	0.0	0.0	7.2
14	16.0	28.2	20.0	81.7	2.8	19.4	22.2	8.0
15	16.4	26.6	21.4	79.7	0.0	0.0	0.0	1.6
16	17.5	28.7	22.5	75.0	0.0	0.0	0.0	7.2
17	18.8	28.5	22.7	75.7	0.0	0.0	0.0	6.9
18	17.9	28.0	21.8	73.0	.5	0.0	.5	3.9
19	16.7	29.0	22.8	69.0	0.0	0.0	0.0	8.8
20	16.0	28.2	21.5	76.0	0.0	0.0	0.0	6.4
21	16.7	29.7	23.2	66.7	0.0	0.0	0.0	7.3
22	16.2	30.0	24.2	68.7	0.0	0.0	0.0	7.9
23	17.0	31.0	23.5	69.3	0.0	0.0	0.0	10.3
24	17.5	31.2	23.9	67.0	0.0	0.0	0.0	9.0
25	17.3	30.0	23.1	72.3	0.0	0.0	0.0	5.8
26	18.4	30.5	23.8	67.7	0.0	0.0	0.0	7.2
27	17.0	29.5	23.0	70.7	0.0	0.0	0.0	8.0
28	16.5	30.2	23.7	67.7	0.0	0.0	0.0	8.2
29	17.0	30.5	22.0	72.3	.1	0.0	.1	9.5
30	17.2	29.4	21.8	74.0	5.2	.2	5.4	7.8
31	16.7	28.5	22.4	74.3	0.0	.2	0.0	6.1
Total					15.2	25.3	40.3	221.3
Promedio :	17.2	29.1	22.6	72.6				

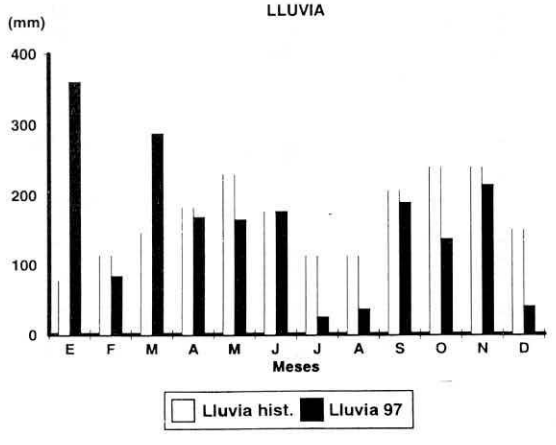
Estación : LA CATALINA
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45 'N
Longitud : 75 ° 44 'W
Altitud : 1310 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.9	26.5	20.8	28.4	14.8	81.7	360.6	24	156.5
Febrero	17.4	27.2	21.3	29.0	15.7	81.5	84.1	19	122.0
Marzo	17.2	27.5	21.5	30.3	15.7	79.4	287.5	15	168.1
Abril	17.3	26.6	21.1	30.0	16.0	82.8	168.3	19	101.9
Mayo	17.6	26.7	21.4	29.5	15.4	82.9	164.8	17	101.4
Junio	17.3	26.4	21.1	29.5	15.3	82.5	176.4	23	117.5
Julio	17.2	28.6	22.9	33.4	16.0	69.3	25.2	7	194.3
Agosto	17.3	30.1	23.4	33.0	16.0	64.2	36.3	7	203.8
Septiembre	16.5	26.6	21.3	30.5	14.7	79.3	188.6	19	118.7
Octubre	17.1	27.2	21.3	29.8	16.0	75.8	136.8	14	165.2
Noviembre	16.7	26.0	20.6	29.3	15.0	79.3	214.4	22	115.5
Diciembre	17.2	29.1	22.6	31.2	16.0	72.6	40.3	9	221.3
Promedio :	17.1	27.4	21.6			77.6			
Absoluta :				33.4	14.7				
Total :							1883.3	195	1786.2





Estación : EL CEDRAL
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 32 ' W
Altitud : 2120 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.5	17.0	13.9	92.3	18.8	1.4	20.2	.2
2	9.8	17.9	14.1	89.0	1.9	6.3	8.2	1.4
3	13.5	17.5	15.2	90.0	7.3	0.0	7.3	0.0
4	11.3	20.0	15.4	86.0	6.4	0.0	6.4	1.8
5	8.3	19.2	14.4	85.7	0.0	42.5	42.5	3.4
6	11.0	20.9	15.8	84.7	2.8	7.2	10.0	3.3
7	13.7	18.0	15.6	90.0	9.0	0.0	9.0	.4
8	10.0	20.2	15.0	87.0	1.0	0.0	1.0	3.4
9	10.9	19.3	14.8	87.3	0.0	1.1	1.1	1.6
10	12.8	17.0	14.0	91.3	42.5	2.1	44.6	0.0
11	11.9	19.8	14.8	88.0	10.1	0.0	10.1	3.0
12	10.2	20.2	14.4	85.0	3.2	.2	3.4	2.4
13	11.8	19.7	14.8	85.7	5.0	0.0	5.0	3.4
14	10.5	19.2	14.3	86.7	9.9	0.0	9.9	2.3
15	9.5	18.5	13.6	88.3	17.7	.8	18.5	1.3
16	11.9	16.9	14.6	90.3	8.7	0.0	8.7	.9
17	12.7	16.3	14.0	93.3	10.4	0.0	10.4	0.0
18	10.9	18.5	15.1	87.3	.7	0.0	.7	1.4
19	8.9	19.0	13.8	86.3	.3	1.9	2.2	3.0
20	11.9	17.0	14.2	88.3	8.5	.4	8.9	0.0
21	11.0	18.2	13.9	90.0	16.1	1.4	17.5	1.1
22	9.2	19.0	13.3	88.3	2.9	6.8	9.7	2.3
23	11.4	18.0	14.6	88.0	7.7	8.0	15.7	2.0
24	9.8	19.0	14.6	88.3	0.0	0.0	0.0	3.0
25	10.2	19.1	14.3	86.7	2.1	22.1	24.2	2.2
26	10.6	18.7	14.8	89.7	2.1	17.3	19.4	2.1
27	11.0	18.6	14.2	91.3	0.0	0.0	0.0	2.0
28	9.0	18.5	14.0	85.7	0.0	0.0	0.0	2.2
29	8.9	18.7	14.4	87.0	0.0	0.0	0.0	2.2
30	9.0	19.0	13.9	85.3	2.1	0.0	2.1	3.3
31	10.1	19.8	14.7	85.0	1.1	9.4	10.5	1.9
Total :					198.3	128.9	327.2	57.5
Promedio :	10.8	18.7	14.5	88.0				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.5	18.1	13.7	86.7	0.0	.1	.1	1.2
2	10.0	18.9	14.0	90.7	1.3	0.0	1.3	3.8
3	9.7	20.2	14.4	85.3	0.0	0.0	0.0	3.7
4	9.5	19.8	12.8	90.7	19.6	0.0	19.6	2.3
5	9.0	19.9	12.7	86.3	47.3	0.0	47.3	3.2
6	8.2	18.0	13.0	89.0	.8	1.0	1.8	3.0
7	10.0	18.1	13.3	87.0	8.8	0.0	8.8	1.8
8	10.0	19.4	14.3	88.0	3.4	3.5	6.9	.7
9	9.9	18.5	13.8	86.7	0.0	.6	.6	.9
10	10.1	19.0	14.2	92.0	3.8	0.0	3.8	1.2
11	11.5	16.8	14.1	93.0	4.2	0.0	4.2	0.0
12	11.0	18.9	14.1	86.3	3.5	0.0	3.5	.5
13	10.9	20.8	14.6	89.0	0.0	0.0	0.0	3.3
14	10.2	19.9	15.9	88.3	0.0	0.0	0.0	3.0
15	11.5	20.0	14.6	91.0	3.6	0.0	3.6	2.4
16	11.0	18.3	14.8	90.3	6.9	3.1	10.0	.7
17	11.9	19.2	14.6	95.3	12.5	0.0	12.5	1.2
18	10.0	21.2	14.8	89.7	2.6	0.0	2.6	3.3
19	10.1	20.3	14.6	87.3	6.5	0.0	6.5	1.4
20	11.0	19.3	15.4	91.3	1.0	0.0	1.0	1.1
21	10.9	20.5	15.9	87.3	0.0	.1	.1	3.4
22	11.2	21.0	15.4	83.3	36.8	0.0	36.8	3.9
23	12.5	19.7	14.9	93.3	4.2	0.0	4.2	1.3
24	10.2	19.9	15.2	93.7	0.0	1.2	1.2	2.5
25	11.2	18.3	14.9	92.0	0.0	0.0	0.0	.3
26	12.0	21.5	15.8	96.0	5.1	0.0	5.1	3.9
27	11.1	20.8	16.0	88.7	0.0	0.0	0.0	3.2
28	10.9	20.6	14.6	89.3	10.5	0.0	10.5	1.0
29								
30								
31								
Total :					182.4	9.6	192.0	58.2
Promedio :	10.6	19.5	14.5	89.6				

Estación : EL CEDRAL
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 32 ' W
Altitud : 2120 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	9.8	18.9	14.0	92.7	13.7	.4	14.1	1.7
2	11.9	21.4	15.2	90.7	13.0	0.0	13.0	1.3
3	10.8	21.2	15.3	87.0	39.1	8.5	47.6	3.4
4	10.0	20.0	14.8	89.0	3.7	0.0	3.7	2.8
5	11.5	21.3	14.9	80.0	.4	0.0	.4	0.0
6	9.1	21.0	15.4	86.0	0.0	0.0	0.0	3.5
7	9.0	22.0	15.4	82.7	0.0	0.0	0.0	6.7
8	10.1	23.2	15.2	79.7	0.0	0.0	0.0	7.0
9	10.3	21.4	16.3	84.7	0.0	0.0	0.0	3.8
10	11.0	21.5	15.4	85.7	0.0	0.0	0.0	3.1
11	12.0	22.7	15.4	88.3	8.3	0.0	8.3	2.7
12	11.0	21.2	15.0	84.0	0.0	3.7	3.7	2.4
13	12.6	23.5	14.8	93.3	24.0	.1	24.1	.1
14	11.0	23.3	16.4	82.3	8.9	0.0	8.9	5.2
15	11.6	21.0	16.0	87.7	2.5	0.0	2.5	3.2
16	11.8	20.4	15.1	90.7	6.4	48.7	55.1	.7
17	14.0	17.5	15.2	92.7	1.2	.4	1.6	0.0
18	13.0	18.5	15.8	88.7	.8	9.5	10.3	.1
19	13.3	17.1	14.5	91.7	7.8	0.0	7.8	.2
20	11.9	20.2	14.9	83.7	12.4	5.9	18.3	1.3
21	11.2	19.1	14.2	93.3	.3	1.3	1.6	.7
22	10.0	20.7	15.8	81.3	0.0	0.0	0.0	4.7
23	12.0	19.0	15.0	92.3	1.8	0.0	1.8	1.6
24	9.8	24.3	16.2	77.7	0.0	0.0	0.0	8.2
25	9.0	24.0	17.0	75.3	0.0	0.0	0.0	8.1
26	10.8	18.3	14.8	87.3	0.0	2.3	2.3	.4
27	10.0	20.2	15.2	83.7	0.0	0.0	0.0	3.3
28	11.0	19.5	15.1	85.7	15.6	0.0	15.6	1.5
29	10.0	21.0	14.1	85.7	15.0	0.0	15.0	1.8
30	10.1	20.1	13.9	91.7	24.0	0.0	24.0	2.0
31	10.8	18.2	14.4	95.0	30.9	1.0	31.9	1.7
Total					229.8	81.8	311.6	83.2
Promedio	11.0	20.7	15.2	86.8				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.0	19.8	15.0	90.7	.7	0.0	.7	1.9
2	11.0	22.4	15.1	89.7	1.3	0.0	1.3	3.9
3	10.5	21.2	15.7	90.7	.7	0.0	.7	3.7
4	14.0	19.5	15.4	93.3	4.1	0.0	4.1	.9
5	10.5	20.5	15.6	91.3	0.0	0.0	0.0	3.4
6	11.2	21.5	15.4	91.0	17.0	2.3	19.3	2.7
7	11.7	20.5	15.8	93.0	11.4	0.0	11.4	1.0
8	11.4	19.8	14.8	92.0	2.3	0.0	2.3	.5
9	11.6	21.9	15.9	89.3	.1	0.0	.1	2.1
10	13.0	18.8	16.4	89.0	6.9	1.2	8.1	.5
11	12.0	21.0	15.6	92.0	14.1	0.0	14.1	.7
12	11.2	21.5	16.0	87.0	51.3	0.0	51.3	2.8
13	12.2	22.0	14.2	94.7	31.0	0.0	31.0	1.8
14	10.2	20.5	15.0	89.7	.3	0.0	.3	1.7
15	11.8	21.0	14.8	93.3	5.4	0.0	5.4	1.5
16	10.9	21.2	16.4	88.0	.4	0.0	.4	2.3
17	12.4	20.0	15.2	92.7	9.8	0.0	9.8	.5
18	12.0	19.0	15.2	88.0	1.1	0.0	1.1	0.0
19	11.5	19.2	15.4	95.7	6.5	39.2	45.7	.7
20	12.8	17.8	15.5	91.7	7.4	17.1	24.5	.2
21	12.5	18.0	14.9	95.3	9.8	2.8	12.6	0.0
22	12.8	18.8	14.4	88.0	8.7	1.5	10.2	.2
23	12.4	20.0	15.2	87.3	6.2	0.0	6.2	.6
24	11.1	23.0	14.9	82.3	26.1	0.0	26.1	2.2
25	10.1	17.2	13.1	93.3	8.0	0.0	8.0	0.0
26	10.0	18.3	14.4	92.7	.9	5.5	6.4	1.3
27	12.9	19.2	16.0	90.3	0.0	0.0	0.0	2.3
28	11.5	20.5	14.4	91.7	1.8	0.0	1.8	2.9
29	10.5	23.2	16.5	85.7	0.0	0.0	0.0	5.9
30	11.1	20.8	16.0	83.3	0.0	0.0	0.0	1.3
31								
Total					233.3	69.6	302.9	49.5
Promedio	11.6	20.3	15.3	90.4				

Estación : EL CEDRAL
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 32 ' W
Altitud : 2120 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.0	20.5	15.4	87.7	.3	0.0	.3	3.2
2	12.5	22.2	16.6	83.0	0.0	0.0	0.0	2.4
3	12.7	19.8	16.0	88.3	.1	.9	1.0	.5
4	13.0	20.8	15.7	88.3	1.6	0.0	1.6	.9
5	11.2	21.5	15.5	88.3	0.0	0.0	0.0	4.0
6	13.0	21.8	15.9	88.0	9.3	0.0	9.3	1.4
7	11.0	20.3	14.8	88.7	2.1	0.0	2.1	1.2
8	10.5	22.5	16.0	86.7	0.0	0.0	0.0	3.8
9	12.0	20.5	15.3	92.7	.1	3.0	3.1	.8
10	13.0	20.0	15.2	92.7	0.0	7.0	7.0	1.3
11	12.7	22.0	15.6	89.3	3.0	0.0	3.0	.7
12	10.5	20.5	14.0	95.0	15.0	4.0	19.0	2.4
13	12.6	19.5	15.2	93.3	12.0	0.0	12.0	1.3
14	11.7	20.2	15.5	90.3	6.0	0.0	6.0	1.4
15	10.9	21.5	16.4	88.3	0.0	0.0	0.0	2.1
16	10.5	21.4	15.1	90.3	0.0	0.0	0.0	4.8
17	11.5	22.0	16.6	89.0	0.0	0.0	0.0	3.1
18	12.1	21.6	16.6	89.7	0.0	0.0	0.0	4.0
19	12.7	21.0	16.3	90.3	0.0	0.0	0.0	.8
20	13.0	20.8	17.0	90.7	0.0	0.0	0.0	0.0
21	13.1	22.6	15.8	95.3	9.0	0.0	9.0	2.5
22	14.8	19.5	16.0	93.0	0.0	0.0	0.0	.6
23	11.7	22.8	17.0	85.0	0.0	0.0	0.0	4.6
24	13.0	23.5	15.1	94.7	43.0	0.0	43.0	.8
25	12.7	19.9	15.8	92.3	5.0	0.0	5.0	.1
26	12.9	19.2	15.0	93.3	49.0	3.0	52.0	0.0
27	13.5	20.9	16.6	93.3	0.0	0.0	0.0	2.0
28	13.0	21.4	17.0	90.0	0.0	0.0	0.0	.8
29	12.1	20.1	15.9	92.7	0.0	0.0	0.0	1.5
30	12.5	19.2	15.4	93.3	15.0	0.0	15.0	.4
31	11.5	20.8	16.0	90.3	0.0	0.0	0.0	1.9
Total :					170.5	17.9	188.4	55.3
Promedio :	12.2	21.0	15.8	90.4				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.5	20.0	15.6	87.3	5.0	0.0	5.0	.5
2	11.0	20.9	15.4	92.0	0.0	0.0	0.0	1.2
3	11.5	21.0	15.4	89.7	0.0	4.0	4.0	1.4
4	12.0	16.5	14.3	95.7	31.0	0.0	31.0	0.0
5	12.1	19.2	16.1	90.0	0.0	0.0	0.0	1.1
6	13.0	20.6	16.0	89.0	0.0	3.0	3.0	.4
7	12.8	17.2	14.8	95.0	14.0	13.0	27.0	0.0
8	13.0	18.5	15.3	90.0	7.0	0.0	7.0	.1
9	11.1	20.3	15.8	88.7	3.0	0.0	3.0	0.0
10	11.4	19.2	15.4	91.7	0.0	4.0	4.0	1.8
11	13.0	20.5	16.5	87.3	0.0	.3	.3	1.3
12	13.3	20.5	15.2	93.3	6.1	0.0	6.1	.8
13	11.0	19.5	14.7	92.0	10.7	0.0	10.7	.1
14	11.5	21.9	15.9	83.0	0.0	0.0	0.0	5.8
15	11.0	22.0	15.0	91.0	1.6	0.0	1.6	3.5
16	12.5	21.6	16.0	81.7	1.5	0.0	1.5	2.2
17	11.5	19.5	15.6	84.7	.8	0.0	.8	.2
18	11.8	19.9	15.2	89.7	1.5	4.7	6.2	.1
19	13.5	19.5	15.8	84.3	0.0	0.0	0.0	.2
20	11.0	21.5	15.8	86.7	.1	0.0	.1	3.5
21	10.5	21.2	15.9	79.3	0.0	0.0	0.0	5.1
22	10.5	23.0	16.2	81.0	0.0	0.0	0.0	6.4
23	11.8	22.0	15.7	81.7	26.0	0.0	26.0	1.5
24	12.0	19.1	15.8	88.3	0.0	0.0	0.0	0.0
25	13.1	18.5	15.4	89.7	2.2	1.1	3.3	.6
26	13.0	17.2	14.5	91.7	2.0	.2	2.2	0.0
27	12.5	20.5	15.8	83.3	0.0	0.0	0.0	2.7
28	10.0	23.0	14.9	82.7	5.6	0.0	5.6	4.9
29	11.0	22.0	15.6	82.7	0.0	.6	.6	3.0
30	12.0	23.0	16.0	88.7	0.0	11.5	11.5	3.2
31								
Total :					118.1	42.4	160.5	51.6
Promedio :	11.9	20.3	15.5	87.7				

Estación : EL CEDRAL
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 32 ' W
Altitud : 2120 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.8	22.6	16.4	83.7	0.0	0.0	0.0	5.9
2	10.5	22.5	15.6	82.7	0.0	0.0	0.0	6.6
3	12.8	21.5	16.0	78.3	0.0	0.0	0.0	2.0
4	11.8	20.9	16.4	80.7	0.0	0.0	0.0	1.6
5	12.9	24.2	16.7	72.0	0.0	0.0	0.0	3.6
6	13.0	23.3	17.2	78.3	.7	0.0	.7	6.1
7	12.0	22.9	16.2	85.0	0.0	0.0	0.0	2.8
8	13.0	20.2	16.0	85.0	.6	0.0	.6	1.2
9	12.9	19.8	15.6	91.3	.2	0.0	.2	.5
10	12.5	22.0	16.5	81.7	0.0	0.0	0.0	1.8
11	12.4	24.0	17.1	78.3	0.0	0.0	0.0	5.9
12	14.0	22.5	16.8	70.7	0.0	0.0	0.0	5.0
13	12.0	24.2	16.6	76.0	0.0	0.0	0.0	7.1
14	13.3	22.8	16.7	69.7	0.0	0.0	0.0	5.1
15	11.9	20.6	16.2	85.7	0.0	.8	.8	2.8
16	10.5	21.9	16.4	90.7	2.4	.1	2.5	1.8
17	11.3	23.1	16.3	71.0	0.0	0.0	0.0	4.0
18	13.0	24.6	18.2	48.3	0.0	0.0	0.0	8.6
19	11.1	26.0	17.0	63.0	0.0	0.0	0.0	8.4
20	12.0	25.0	17.0	63.7	0.0	0.0	0.0	8.0
21	11.5	23.2	17.0	77.3	0.0	0.0	0.0	4.7
22	12.8	24.3	17.9	70.3	0.0	0.0	0.0	2.4
23	12.5	28.0	19.5	60.3	0.0	0.0	0.0	9.8
24	12.6	27.1	19.9	56.7	0.0	0.0	0.0	9.8
25	13.6	24.3	18.2	67.0	0.0	0.0	0.0	1.4
26	11.9	25.7	18.8	55.7	0.0	0.0	0.0	8.1
27	12.8	24.1	17.8	70.0	0.0	0.0	0.0	1.2
28	13.0	22.0	17.0	85.3	0.0	0.0	0.0	1.5
29	11.5	21.0	15.0	83.7	22.7	0.0	22.7	2.5
30	11.5	22.0	15.0	83.3	8.9	0.0	8.9	3.7
31	11.0	22.5	16.1	83.0	0.0	0.0	0.0	4.3
Total					35.5	.9	36.4	138.2
Promedio	12.3	23.2	16.9	75.1				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	26.8	18.0	65.0	0.0	0.0	0.0	8.9
2	11.5	23.7	16.8	77.3	0.0	0.0	0.0	1.8
3	11.0	25.1	16.4	70.3	0.0	0.0	0.0	6.5
4	11.2	26.0	18.2	70.0	0.0	0.0	0.0	7.8
5	12.4	26.2	18.2	69.0	0.0	0.0	0.0	8.5
6	12.8	24.5	17.7	74.3	0.0	0.0	0.0	6.3
7	12.4	25.2	18.0	67.7	0.0	0.0	0.0	6.8
8	11.6	25.0	17.5	59.0	0.0	0.0	0.0	8.0
9	12.0	22.0	16.6	58.3	0.0	.1	.1	1.9
10	11.8	22.6	16.2	69.3	.2	0.0	.2	3.4
11	11.0	22.7	14.9	82.0	3.5	0.0	3.5	3.6
12	11.1	23.1	16.0	78.0	0.0	0.0	0.0	6.2
13	11.8	24.1	16.8	69.7	0.0	.1	.1	5.2
14	12.1	22.0	16.7	82.0	0.0	0.0	0.0	3.7
15	11.5	24.2	17.6	73.7	0.0	0.0	0.0	6.2
16	11.5	23.6	16.2	75.7	0.0	0.0	0.0	5.4
17	10.5	23.2	16.8	75.0	0.0	0.0	0.0	3.9
18	11.4	23.0	15.8	78.3	0.0	0.0	0.0	5.0
19	11.5	19.5	16.0	80.3	0.0	0.0	0.0	1.9
20	12.5	24.6	17.0	64.7	0.0	0.0	0.0	7.4
21	10.5	24.5	17.0	67.0	0.0	0.0	0.0	7.4
22	11.5	21.8	16.2	79.3	0.0	0.0	0.0	1.3
23	11.9	20.4	16.2	82.7	0.0	0.0	0.0	1.0
24	10.8	23.5	18.1	78.0	0.0	0.0	0.0	4.3
25	10.7	25.0	16.2	75.3	0.0	0.0	0.0	6.1
26	12.0	26.0	19.3	58.3	0.0	0.0	0.0	4.6
27	13.8	22.3	17.8	50.0	0.0	0.0	0.0	1.9
28	11.8	25.5	17.8	59.0	0.0	0.0	0.0	9.2
29	10.9	23.5	16.4	71.3	0.0	0.0	0.0	7.0
30	10.0	22.4	15.4	77.0	0.0	0.0	0.0	3.3
31	10.7	23.6	15.8	88.7	0.0	0.0	0.0	3.7
Total					3.7	.2	3.9	158.2
Promedio	11.6	23.7	16.9	71.8				

Estación : EL CEDRAL
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 32 ' W
Altitud : 2120 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.0	20.1	15.6	88.7	0.0	0.0	0.0	.7
2	11.3	19.2	14.9	94.0	1.5	0.0	1.5	1.2
3	10.2	20.1	14.6	81.0	.1	0.0	.1	3.3
4	10.0	22.8	17.0	76.7	0.0	0.0	0.0	5.8
5	11.2	21.9	16.2	83.0	1.7	8.4	10.1	1.5
6	11.8	19.7	14.6	86.3	.6	.5	1.1	2.8
7	11.9	19.0	15.6	86.0	0.0	11.6	11.6	.8
8	12.0	17.8	15.2	85.7	0.0	0.0	0.0	.2
9	11.9	21.5	16.0	81.7	0.0	.5	.5	1.1
10	11.7	23.8	16.6	77.7	14.0	0.0	14.0	1.7
11	11.5	21.6	14.8	90.3	4.2	0.0	4.2	2.3
12	12.0	20.8	15.8	84.3	.6	0.0	.6	1.5
13	11.0	20.2	15.2	81.3	0.0	0.0	0.0	2.7
14	10.0	21.0	15.8	85.7	.1	0.0	.1	5.3
15	11.8	25.2	17.3	64.7	0.0	0.0	0.0	8.2
16	11.7	25.0	17.6	67.7	0.0	0.0	0.0	4.7
17	11.0	22.8	15.4	86.7	0.0	0.0	0.0	3.3
18	10.0	21.4	15.8	79.3	0.0	0.0	0.0	3.3
19	11.0	21.0	14.8	85.3	3.7	0.0	3.7	.8
20	11.3	19.0	15.3	84.3	1.1	0.0	1.1	.5
21	10.5	21.6	15.4	82.7	0.0	9.6	9.6	2.7
22	12.5	18.5	15.0	90.3	4.3	16.8	21.1	.9
23	12.7	19.5	14.6	92.3	30.3	6.4	36.7	.5
24	12.9	19.5	15.6	87.0	3.2	.1	3.3	.3
25	12.0	22.0	15.0	90.3	.5	0.0	.5	3.2
26	12.1	20.0	15.5	87.3	1.7	0.0	1.7	1.3
27	10.5	20.8	14.5	88.3	0.0	0.0	0.0	2.4
28	11.0	20.5	15.1	87.0	.3	0.0	.3	1.1
29	11.0	21.3	15.2	83.3	0.0	0.0	0.0	4.6
30	10.2	24.0	14.6	84.7	10.6	0.0	10.6	4.2
31								
Total :					78.5	53.9	132.4	72.9
Promedio :	11.3	21.1	15.5	84.1				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.0	21.0	14.8	92.3	8.1	0.0	8.1	2.9
2	12.0	20.8	15.8	81.3	10.2	0.0	10.2	2.6
3	11.4	19.5	16.1	84.0	0.0	0.0	0.0	0.0
4	11.0	22.0	16.2	80.7	0.0	0.0	0.0	5.3
5	13.0	22.1	16.0	76.3	0.0	0.0	0.0	3.3
6	11.0	21.0	15.4	80.0	0.0	0.0	0.0	3.1
7	11.5	24.5	16.6	65.7	0.0	0.0	0.0	7.3
8	10.5	22.5	16.6	67.7	0.0	0.0	0.0	5.9
9	10.0	23.0	14.7	80.3	33.3	0.0	33.3	4.0
10	10.2	19.4	14.2	86.0	2.0	24.2	26.2	2.3
11	12.5	21.5	16.1	85.7	2.1	7.6	9.7	1.3
12	11.5	23.0	16.4	79.0	.4	87.0	87.4	3.2
13	12.0	21.0	15.0	84.0	.8	37.8	38.6	2.0
14	11.5	22.0	16.1	83.7	0.0	4.7	4.7	5.2
15	10.2	21.5	15.2	81.7	0.0	0.0	0.0	4.7
16	11.0	21.0	15.2	83.0	2.1	7.5	9.6	.2
17	10.8	19.5	15.0	90.3	7.9	1.4	9.3	3.2
18	11.5	18.1	13.8	91.7	1.4	1.4	2.8	1.9
19	12.0	21.5	16.0	84.0	0.0	0.0	0.0	3.9
20	10.0	22.5	16.2	80.0	3.1	0.0	3.1	4.3
21	11.8	19.5	15.4	89.7	1.8	27.1	28.9	2.3
22	12.8	18.5	14.4	89.0	5.1	0.0	5.1	.6
23	10.0	21.5	15.2	84.0	.4	0.0	.4	4.4
24	10.8	23.0	15.2	81.0	9.7	0.0	9.7	3.3
25	11.5	20.5	16.2	82.7	0.0	0.0	0.0	2.7
26	12.5	22.5	16.2	80.7	0.0	0.0	0.0	4.4
27	11.4	22.0	15.9	84.0	6.2	0.0	6.2	2.5
28	11.5	19.7	16.2	85.7	0.0	0.0	0.0	.4
29	13.0	22.2	16.6	79.0	.2	0.0	.2	3.2
30	11.5	21.0	15.5	81.7	14.9	0.0	14.9	2.6
31	11.8	22.2	13.8	89.7	29.0	0.0	29.0	2.3
Total :					138.7	198.7	337.4	95.3
Promedio :	11.4	21.3	15.5	82.7				

Estación : EL CEDRAL
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 32 ' W
Altitud : 2120 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.5	20.5	14.8	88.3	3.0	0.0	3.0	.8
2	10.9	22.5	15.3	85.7	11.1	0.0	11.1	3.6
3	11.2	20.5	15.6	88.3	6.2	0.0	6.2	.4
4	11.5	19.5	14.4	92.3	5.1	0.0	5.1	1.7
5	12.0	21.5	16.2	80.7	0.0	0.0	0.0	2.5
6	12.5	20.2	15.7	91.7	1.4	.1	1.5	1.6
7	12.0	21.5	15.2	85.3	19.9	1.3	21.2	1.8
8	13.5	18.2	15.4	89.0	7.3	3.0	10.3	0.0
9	13.3	18.0	14.4	92.0	19.5	1.7	21.2	0.0
10	13.0	19.0	15.2	91.3	5.7	.5	6.2	.5
11	13.5	19.4	15.4	85.3	1.5	0.0	1.5	1.6
12	12.0	19.5	15.1	83.7	9.3	6.1	15.4	2.0
13	12.5	16.0	14.0	89.7	7.9	28.8	36.7	0.0
14	13.0	19.3	14.0	90.7	18.3	20.4	38.7	0.0
15	12.3	19.4	13.7	90.7	38.5	0.0	38.5	.7
16	10.5	21.0	15.6	83.3	2.9	.1	3.0	3.2
17	12.5	19.5	14.6	89.7	8.6	0.0	8.6	.5
18	11.8	20.5	15.2	85.3	10.5	0.0	10.5	.4
19	11.9	20.8	15.8	84.0	.1	0.0	.1	.3
20	11.3	19.5	15.2	87.3	.6	0.0	.6	2.0
21	10.2	21.5	15.3	83.7	4.1	0.0	4.1	3.6
22	10.8	21.6	15.5	85.7	0.0	0.0	0.0	2.9
23	11.3	21.0	15.6	85.7	4.3	0.0	4.3	3.1
24	11.8	21.8	15.0	86.3	3.8	6.2	10.0	2.7
25	12.1	18.1	14.4	88.7	21.6	4.9	26.5	.5
26	12.5	18.0	14.3	90.7	22.1	10.9	33.0	.1
27	12.9	22.5	15.2	83.7	10.5	0.0	10.5	3.2
28	11.0	23.5	15.6	79.0	36.9	0.0	36.9	4.9
29	10.8	23.2	15.2	79.3	26.6	3.4	30.0	2.5
30	10.5	21.5	15.3	85.3	0.0	0.0	0.0	3.7
31								
Total					307.3	87.4	394.7	50.8
Promedio	11.9	20.3	15.1	86.7				

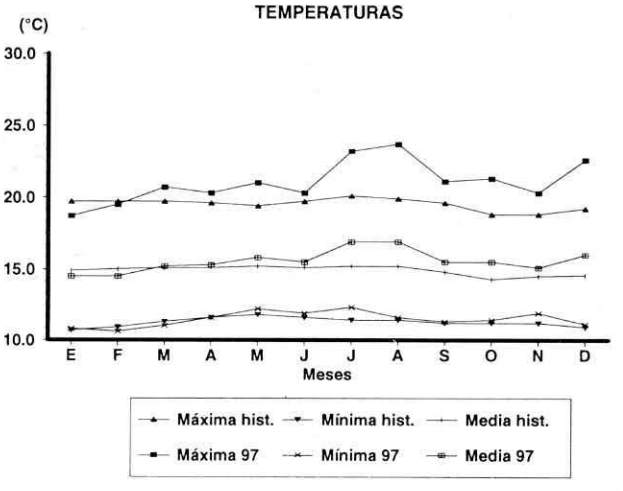
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.3	22.5	16.7	81.0	12.5	1.2	13.7	3.8
2	12.4	22.0	15.8	85.0	0.0	1.7	1.7	2.2
3	13.0	22.5	15.6	82.7	0.0	0.0	0.0	2.6
4	10.6	22.7	16.6	80.3	0.0	0.0	0.0	4.9
5	11.0	23.5	15.7	81.7	0.0	0.0	0.0	5.5
6	12.0	22.0	16.2	80.7	0.0	0.0	0.0	3.5
7	12.5	24.0	17.0	81.7	0.0	0.0	0.0	7.1
8	13.0	23.0	16.8	77.7	0.0	0.0	0.0	4.8
9	11.0	23.8	16.8	78.0	0.0	0.0	0.0	5.6
10	11.3	21.5	16.2	83.7	0.0	0.0	0.0	3.5
11	11.0	22.7	16.8	80.3	0.0	0.0	0.0	3.3
12	10.5	22.0	15.3	82.3	0.0	0.0	0.0	4.2
13	10.9	21.8	15.9	76.7	0.0	0.0	0.0	3.7
14	10.5	23.0	14.8	81.3	27.1	1.5	28.6	4.3
15	13.0	19.5	15.6	85.7	1.3	0.0	1.3	.1
16	11.0	22.5	15.0	84.0	1.0	0.0	1.0	2.4
17	10.5	21.7	16.0	83.3	0.0	0.0	0.0	3.6
18	10.8	21.6	14.2	87.0	19.4	0.0	19.4	3.0
19	9.4	22.9	15.2	76.3	.6	0.0	.6	4.3
20	10.0	21.5	15.5	79.7	0.0	0.0	0.0	1.8
21	10.1	22.5	15.9	77.7	.2	0.0	.2	2.1
22	11.0	24.7	14.2	78.3	0.0	0.0	0.0	4.8
23	12.1	26.5	18.0	75.7	0.0	0.0	0.0	9.1
24	12.0	24.5	16.8	74.3	0.0	0.0	0.0	5.1
25	12.0	22.7	16.4	86.0	0.0	0.0	0.0	2.5
26	11.5	21.5	17.0	82.3	0.0	0.0	0.0	3.2
27	10.5	22.9	16.2	78.0	0.0	0.0	0.0	4.0
28	10.0	22.5	16.8	80.0	3.1	0.0	3.1	4.3
29	9.2	23.5	16.2	79.0	.2	0.0	.2	6.0
30	10.0	22.5	15.5	83.3	9.5	0.0	9.5	4.6
31	11.0	20.2	15.2	86.0	6.9	0.0	6.9	1.8
Total					81.8	4.4	86.2	121.7
Promedio	11.1	22.6	16.0	81.0				

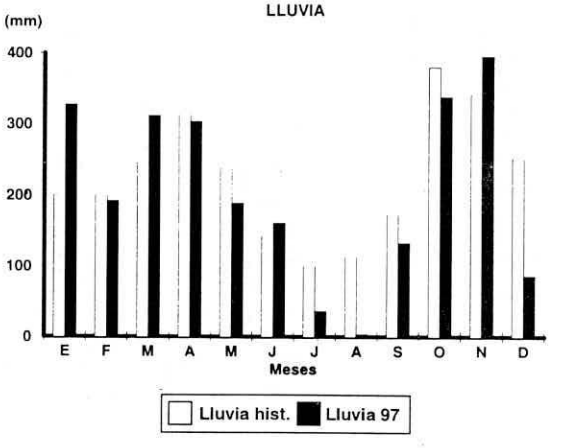
Estación : EL CEDRAL
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 'N
Longitud : 75 ° 32 'W
Altitud : 2120 **m**

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	10.8	18.7	14.5	20.9	8.3	88.0	327.2	27	57.5
Febrero	10.6	19.5	14.5	21.5	8.2	89.6	192.0	23	58.2
Marzo	11.0	20.7	15.2	24.3	9.0	86.8	311.6	22	83.2
Abril	11.6	20.3	15.3	23.2	10.0	90.4	302.9	26	49.5
Mayo	12.2	21.0	15.8	23.5	10.5	90.4	188.4	16	55.3
Junio	11.9	20.3	15.5	23.0	10.0	87.7	160.5	22	51.6
Julio	12.3	23.2	16.9	28.0	10.5	75.1	36.4	7	138.2
Agosto	11.6	23.7	16.9	26.8	10.0	71.8	3.9	4	158.2
Septiembre	11.3	21.1	15.5	25.2	10.0	84.1	132.4	20	72.9
Octubre	11.4	21.3	15.5	24.5	10.0	82.7	337.4	20	95.3
Noviembre	11.9	20.3	15.1	23.5	10.2	86.7	394.7	27	50.8
Diciembre	11.1	22.6	16.0	26.5	9.2	81.0	86.2	12	121.7
Promedio :	11.5	21.1	15.6			84.5			
Absoluta :				28.0	8.2				
Total :							2473.6	226	992.4





Estación : SAN ANTONIO
Año : 1997

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7 ° 6 ' N
Longitud : 73 ° 4 ' W
Altitud : 1480 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	22.3	18.6	88.0	0.0	3.4	3.4	2.8
2	16.1	22.0	18.6	88.3	0.0	0.0	0.0	2.0
3	16.2	24.1	19.0	85.3	0.0	6.5	6.5	5.3
4	16.0	22.6	18.5	85.3	0.0	30.8	30.8	2.6
5	16.7	24.2	19.4	83.0	0.0	0.0	0.0	4.3
6	16.0	23.9	19.0	89.7	0.0	0.0	0.0	3.9
7	16.7	23.1	19.2	89.0	0.0	.4	.4	1.8
8	16.2	23.9	19.4	86.7	0.0	3.5	3.5	5.6
9	16.2	24.0	19.2	87.3	0.0	35.2	35.2	6.6
10	16.0	23.1	18.8	85.3	0.0	31.4	31.4	.7
11	15.9	23.5	18.1	90.3	3.9	4.8	8.7	3.6
12	16.7	20.1	18.0	88.7	2.1	0.0	2.1	.1
13	15.8	23.9	18.8	86.7	0.0	0.0	0.0	6.3
14	15.7	23.7	18.2	83.7	.2	0.0	.2	.9
15	16.3	23.5	18.8	86.0	0.0	0.0	0.0	5.2
16	17.0	22.1	18.6	89.0	.5	.2	.7	1.1
17	16.5	21.8	18.3	88.7	.2	.4	.6	.9
18	15.7	23.3	18.4	86.0	.4	0.0	.4	5.6
19	15.4	22.6	18.2	86.3	0.0	0.0	0.0	4.4
20	15.2	23.0	17.8	79.0	0.0	0.0	0.0	5.0
21	15.9	24.1	19.0	80.3	0.0	0.0	0.0	7.0
22	16.1	25.4	19.5	82.0	0.0	12.8	12.8	6.9
23	16.8	23.3	19.4	77.0	0.0	10.6	10.6	6.2
24	16.2	23.4	18.5	88.3	0.0	0.0	0.0	3.3
25	16.1	23.9	19.0	85.7	0.0	.5	.5	3.6
26	16.8	24.0	19.2	85.0	0.0	0.0	0.0	4.8
27	15.9	24.0	18.6	85.3	0.0	0.0	0.0	7.6
28	16.2	24.1	19.3	84.0	0.0	0.0	0.0	7.5
29	17.0	23.9	19.7	77.3	0.0	0.0	0.0	4.9
30	16.0	24.0	18.9	85.0	1.4	0.0	1.4	6.3
31	16.6	22.1	18.7	84.7	1.8	0.0	1.8	1.2
Total :					10.5	140.5	151.0	128.0
Promedio :	16.2	23.3	18.8	85.4				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.4	24.3	18.5	86.0	0.0	0.0	0.0	5.0
2	16.4	23.9	19.1	84.7	0.0	2.8	2.8	3.2
3	16.6	22.9	19.0	87.0	0.0	.2	.2	3.4
4	17.1	23.0	18.7	87.3	7.6	.1	7.7	.6
5	16.5	22.8	17.8	90.7	0.0	0.0	0.0	2.6
6	15.6	24.0	18.7	81.7	0.0	0.0	0.0	5.4
7	16.8	23.4	18.9	89.7	1.4	0.0	1.4	2.7
8	16.7	23.8	19.3	83.0	0.0	1.0	1.0	3.1
9	16.2	23.2	19.4	81.3	0.0	0.0	0.0	3.1
10	16.5	23.0	19.0	85.0	10.6	2.9	13.5	1.4
11	15.7	22.0	18.7	85.0	.8	2.9	3.7	.6
12	16.4	23.1	18.9	80.3	4.3	0.0	4.3	1.4
13	16.2	24.8	18.7	83.0	0.0	0.0	0.0	6.3
14	16.7	24.7	20.4	76.0	0.0	0.0	0.0	5.4
15	17.6	25.9	20.3	72.7	0.0	0.0	0.0	6.5
16	17.7	24.9	20.2	77.3	.4	.5	.9	5.7
17	17.0	22.3	19.0	90.3	0.0	0.0	0.0	1.1
18	16.4	23.5	19.5	87.3	0.0	0.0	0.0	2.4
19	16.9	26.0	20.0	82.3	0.0	.7	.7	6.6
20	18.3	25.7	21.0	77.0	0.0	0.0	0.0	7.4
21	18.5	26.4	21.6	72.3	0.0	0.0	0.0	9.6
22	18.8	25.3	20.7	83.3	0.0	0.0	0.0	5.7
23	18.6	26.2	20.7	82.3	0.0	0.0	0.0	2.5
24	18.5	25.2	20.0	80.7	0.0	0.0	0.0	1.9
25	18.2	25.1	20.6	76.0	0.0	.2	.2	3.1
26	18.1	24.4	20.4	82.7	.2	0.0	.2	1.8
27	18.5	27.6	22.3	78.7	0.0	0.0	0.0	4.9
28	18.3	26.1	20.6	83.3	0.0	0.0	0.0	5.2
29								
30								
31								
Total :					25.3	11.3	36.6	108.6
Promedio :	17.1	24.4	19.7	82.4				

Estación : SAN ANTONIO
Año : 1997

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7 ° 6 ' N
Longitud : 73 ° 4 ' W
Altitud : 1480 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.9	21.4	79.3	0.0	0.0	0.0	5.9
2	17.5	26.3	21.2	76.7	0.0	0.0	0.0	9.3
3	16.7	25.8	20.5	70.7	0.0	0.0	0.0	9.1
4	17.6	26.0	20.8	73.0	0.0	0.0	0.0	8.1
5	17.4	26.7	20.7	71.7	0.0	0.0	0.0	9.6
6	17.1	26.6	21.1	73.7	0.0	0.0	0.0	6.5
7	18.9	26.0	21.0	71.3	0.0	0.0	0.0	5.3
8	18.7	27.0	21.4	67.0	0.0	0.0	0.0	6.7
9	18.6	28.2	22.4	68.0	0.0	0.0	0.0	8.6
10	18.7	27.8	22.0	77.3	0.0	1.5	1.5	6.0
11	17.8	26.4	21.0	78.3	0.0	0.0	0.0	4.1
12	18.5	27.0	21.5	81.0	0.0	8.6	8.6	3.2
13	17.6	23.0	18.9	89.3	.3	0.0	.3	.5
14	18.1	25.0	21.0	75.7	0.0	0.0	0.0	2.6
15	18.5	27.0	21.5	75.7	34.8	2.4	37.2	5.2
16	18.1	22.9	19 3	89.0	2.2	.7	2.9	.5
17	17.7	21.0	18.6	93.7	0.0	42.3	42.3	.2
18	17.1	22.0	18.6	92.0	14.7	0.0	14.7	.3
19	16.7	21.8	18.4	91.3	.5	.2	.7	.6
20	17.1	25.0	19.5	82.0	0.0	6.5	6.5	6.1
21	16.8	25.2	19.9	81.0	0.0	.3	.3	5.9
22	16.7	24.6	19.6	83.7	0.0	0.0	0.0	5.9
23	16.5	24.2	19.6	78.0	0.0	0.0	0.0	3.0
24	15.6	25.3	19.2	78.3	0.0	0.0	0.0	6.7
25	16.5	23.9	19.6	82.3	0.0	24.1	24.1	.9
26	16.8	22.0	18.7	89.7	1.6	38.7	40.3	.1
27	16.0	22.8	18.7	85.0	.2	0.0	.2	1.6
28	15.8	22.5	18.3	89.0	0.0	0.0	0.0	1.7
29	16.0	24.4	19.7	80.3	0.0	0.0	0.0	4.0
30	16.7	25.0	19.8	81.3	0.0	3.1	3.1	4.3
31	17.2	24.2	19.8	81.3	0.0	0.0	0.0	4.7
Total :					54.3	128.4	182.7	137.2
Promedio :	17.3	24.9	20.1	80.2				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	22.1	19.4	87.0	0.0	47.9	47.9	1.2
2	17.0	24.2	20.2	85.7	0.0	0.0	0.0	3.9
3	17.1	24.9	20.4	78.7	0.0	0.0	0.0	5.2
4	16.7	23.4	19.3	87.7	0.0	.3	.3	2.2
5	17.1	24.0	20.2	78.7	3.8	2.1	5.9	4.0
6	17.6	24.9	20.8	82.0	0.0	0.0	0.0	3.9
7	17.5	25.4	20.4	81.7	0.0	0.0	0.0	3.0
8	17.7	24.1	20.6	81.7	0.0	3.5	3.5	1.3
9	17.0	20.9	18.9	93.3	12.0	.8	12.8	0.0
10	17.5	24.1	19.7	87.7	0.0	.4	.4	2.6
11	17.7	23.0	20.0	91.0	.4	0.0	.4	.9
12	18.2	25.3	21.0	82.7	0.0	0.0	0.0	4.3
13	18.8	25.5	21.2	85.3	0.0	0.0	0.0	1.4
14	18.5	23.4	20.2	88.0	0.0	0.0	0.0	.3
15	17.9	26.2	20.8	82.3	0.0	0.0	0.0	4.8
16	17.4	26.4	21 0	75.3	0.0	.1	.1	7.8
17	18.5	26.2	20.3	85.0	0.0	0.0	0.0	5.0
18	17.2	25.1	19.3	83.0	23.3	0.0	23.3	2.6
19	16.9	22.3	18.6	91.7	7.3	.3	7.6	2.0
20	17.4	21.6	19.1	83.7	2.8	1.7	4.5	.1
21	17.0	22.0	19.0	85.0	.1	2.7	2.8	.2
22	16.9	21.8	18.2	91.3	3.3	18.4	21.7	.9
23	15.7	23.9	19.1	80.3	1.7	0.0	1.7	3.1
24	16.8	24.3	20.2	81.0	1.2	0.0	1.2	3.3
25	16.2	21.7	19.2	87.0	5.7	21.5	27.2	.9
26	16.0	21.9	18.9	82.0	0.0	0.0	0.0	.9
27	17.0	25.2	19.7	79.7	0.0	0.0	0.0	5.1
28	17.1	25.7	20.1	81.0	0.0	0.0	0.0	3.3
29	17.0	26.0	20.4	75.3	.2	0.0	.2	8.9
30	17.8	25.0	20.8	67.0	0.0	0.0	0.0	3.6
31								
Total :					61.8	99.7	161.5	86.7
Promedio :	17.2	24.0	19.9	83.4				

Estación : SAN ANTONIO
Año : 1997

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7 ° 6 ' N
Longitud : 73 ° 4 ' W
Altitud : 1480 m.

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	25.0	20.5	72.7	0.0	0.0	0.0	4.8
2	17.9	25.8	21.4	72.0	0.0	0.0	0.0	6.4
3	18.5	24.5	20.8	74.3	1.4	0.0	1.4	1.7
4	17.3	25.9	20.5	80.3	0.0	0.0	0.0	4.7
5	18.3	26.1	20.2	78.0	17.9	8.0	25.9	3.6
6	16.4	25.8	20.9	68.7	0.0	.4	.4	6.7
7	17.7	23.6	20.0	78.7	0.0	0.0	0.0	.3
8	17.4	26.6	22.0	66.3	0.0	3.0	3.0	7.7
9	17.2	24.6	20.3	70.3	.4	0.0	.4	2.8
10	17.5	25.2	20.1	79.3	2.8	.8	3.6	1.1
11	17.2	22.0	19.3	82.3	2.3	0.0	2.3	.2
12	16.8	24.0	20.0	77.7	0.0	0.0	0.0	4.0
13	17.1	25.9	20.7	75.3	.4	0.0	.4	6.0
14	17.3	26.0	20.4	79.7	0.0	0.0	0.0	5.8
15	17.5	24.5	20.3	85.3	2.4	.1	2.5	5.8
16	16.5	26.1	20.8	72.0	.5	0.0	.5	6.3
17	17.3	26.0	21.4	75.0	0.0	0.0	0.0	7.5
18	18.3	26.8	21.6	76.3	0.0	0.0	0.0	8.8
19	18.2	26.5	20.9	73.0	0.0	0.0	0.0	5.7
20	18.7	24.7	20.9	76.3	0.0	0.0	0.0	1.0
21	18.5	26.4	20.8	81.3	5.6	.5	6.1	5.3
22	17.8	24.7	20.1	76.0	.4	.3	.7	1.9
23	18.2	26.3	20.2	81.0	0.0	0.0	0.0	4.7
24	18.3	27.9	22.3	76.7	.3	8.1	8.4	7.3
25	17.5	26.4	20.8	75.0	0.0	3.9	3.9	2.2
26	17.8	21.0	19.0	89.0	1.9	12.6	14.5	.1
27	16.4	25.2	20.0	79.0	0.0	0.0	0.0	1.8
28	17.9	23.8	20.6	76.3	.5	5.3	5.8	2.3
29	17.4	24.3	20.2	78.7	.3	0.0	.3	2.6
30	17.9	22.5	19.0	88.7	4.0	0.0	4.0	1.8
31	17.6	24.8	19.3	82.7	.6	0.0	.6	4.6
Total :					41.7	43.0	84.7	125.5
Promedio :	17.6	25.1	20.5	77.4				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	24.0	20.2	79.0	0.0	1.7	1.7	.5
2	18.0	24.5	21.5	73.7	6.3	0.0	6.3	3.5
3	18.4	25.0	20.9	73.7	0.0	0.0	0.0	5.4
4	17.3	23.3	19.2	78.0	2.7	1.4	4.1	.1
5	17.4	24.3	20.0	84.3	7.7	10.2	17.9	5.4
6	17.0	24.6	20.1	75.7	0.0	0.0	0.0	1.7
7	17.1	21.6	19.4	83.0	13.9	.2	14.1	1.6
8	16.8	20.2	18.5	82.7	.6	0.0	.6	0.0
9	16.4	22.0	19.3	73.0	.3	0.0	.3	.3
10	17.4	22.6	20.0	77.3	1.9	0.0	1.9	3.8
11	17.1	24.8	20.3	73.3	0.0	0.0	0.0	3.2
12	17.0	22.9	19.6	78.0	7.1	0.0	7.1	.4
13	17.1	23.5	18.8	80.0	32.4	.3	32.7	2.1
14	16.5	23.7	20.0	79.7	0.0	0.0	0.0	3.1
15	17.5	24.3	20.4	75.0	0.0	0.0	0.0	5.1
16	17.0	25.8	20.5	67.0	0.0	0.0	0.0	6.6
17	17.4	25.7	20.6	73.3	0.0	0.0	0.0	5.2
18	18.0	23.0	19.9	85.7	0.0	0.0	0.0	1.8
19	17.0	21.7	19.0	82.7	4.1	0.0	4.1	.4
20	17.3	24.9	19.9	78.0	4.4	0.0	4.4	4.8
21	17.0	22.7	19.8	84.7	1.2	0.0	1.2	2.1
22	17.3	24.8	21.0	80.3	0.0	0.0	0.0	6.5
23	18.0	25.6	21.2	72.3	0.0	0.0	0.0	4.9
24	18.5	24.5	20.1	81.3	.2	0.0	.2	1.9
25	17.4	21.5	18.0	85.7	16.9	.2	17.1	.9
26	17.1	20.0	18.4	82.3	5.2	0.0	5.2	0.0
27	16.7	22.3	18.9	88.0	0.0	0.0	0.0	1.0
28	17.2	25.9	21.2	68.3	0.0	0.0	0.0	8.3
29	17.5	26.0	20.6	85.0	.5	0.0	.5	5.5
30	17.6	23.4	19.5	73.7	1.7	1.2	2.9	1.5
31								
Total :					107.1	15.2	122.3	87.6
Promedio :	17.3	23.6	19.9	78.5				

Estación : SAN ANTONIO
Año : 1997

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7 ° 6 ' N
Longitud : 73 ° 4 ' W
Altitud : 1480 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.3	25.5	20.7	77.0	0.0	0.0	0.0	5.6
2	16.8	25.1	19.8	74.3	17.4	.4	17.8	8.3
3	17.4	23.7	20.0	75.7	.5	0.0	.5	4.3
4	17.6	25.5	21.2	73.0	0.0	0.0	0.0	9.2
5	17.7	25.0	20.6	76.7	0.0	.4	.4	4.9
6	18.3	26.4	21.1	78.0	.3	0.0	.3	5.9
7	18.9	25.8	20.9	68.7	0.0	0.0	0.0	2.9
8	17.5	23.6	19.8	77.0	.8	0.0	.8	2.5
9	17.2	23.1	19.4	79.0	1.4	0.0	1.4	.7
10	16.8	23.3	19.8	79.3	0.0	5.8	5.8	2.8
11	16.5	24.3	19.8	79.7	0.0	0.0	0.0	2.4
12	18.3	24.9	20.0	78.3	.8	3.2	4.0	2.0
13	17.9	25.8	21.4	71.7	0.0	0.0	0.0	9.1
14	19.3	26.7	21.3	68.0	2.5	0.0	2.5	4.7
15	18.5	24.1	20.6	78.3	.3	0.0	.3	1.8
16	17.8	24.6	20.9	75.3	.2	0.0	.2	1.9
17	17.6	22.7	19.5	87.7	4.3	8.0	12.3	1.7
18	18.0	25.2	20.8	73.0	1.5	.1	1.6	3.0
19	18.7	26.3	21.3	69.3	.4	.2	.6	6.2
20	18.8	27.5	21.5	74.3	15.6	0.0	15.6	5.9
21	19.0	25.9	19.8	77.3	5.6	0.0	5.6	3.1
22	17.9	25.0	21.5	64.3	1.1	0.0	1.1	3.5
23	18.3	26.8	21.7	72.7	0.0	0.0	0.0	4.8
24	18.7	28.5	22.4	70.3	0.0	0.0	0.0	7.7
25	18.6	27.0	21.6	68.7	0.0	0.0	0.0	6.5
26	18.6	27.2	21.6	65.3	0.0	0.0	0.0	7.0
27	18.7	26.9	21.1	75.0	.6	11.3	11.9	6.0
28	17.7	21.4	18.4	72.7	2.9	.1	3.0	0.0
29	16.3	23.5	19.6	71.0	0.0	.9	.9	5.2
30	17.3	22.4	19.8	82.3	0.0	0.0	0.0	0.0
31	17.5	25.0	19.9	74.7	10.0	0.0	10.0	4.7
Total :					66.2	30.4	96.6	134.3
Promedio :	17.9	25.1	20.6	74.5				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	27.5	21.9	68.3	0.0	.2	.2	6.8
2	18.3	24.2	21.0	68.3	2.0	3.0	5.0	4.9
3	17.0	25.5	20.2	79.3	0.0	0.0	0.0	6.2
4	18.4	25.5	21.6	67.0	0.0	0.0	0.0	8.8
5	18.8	25.3	20.5	72.3	1.1	0.0	1.1	4.7
6	19.0	24.6	21.1	75.3	.6	0.0	.6	2.8
7	19.3	27.2	22.0	64.3	0.0	0.0	0.0	4.7
8	18.3	27.5	21.3	64.3	0.0	.1	.1	5.9
9	17.0	23.5	19.1	79.0	2.1	5.2	7.3	0.0
10	16.4	25.9	19.8	73.0	.2	0.0	.2	8.6
11	18.1	24.7	20.6	79.3	0.0	0.0	0.0	3.5
12	17.9	23.8	20.1	78.0	1.4	0.0	1.4	1.3
13	18.1	23.7	20.2	75.7	.1	0.0	.1	.7
14	18.0	23.9	20.0	83.7	0.0	0.0	0.0	3.3
15	17.9	25.0	20.4	75.3	1.5	0.0	1.5	3.9
16	18.5	26.2	21.4	72.0	0.0	0.0	0.0	5.0
17	17.7	24.5	20.6	75.3	3.6	0.0	3.6	5.2
18	17.6	24.7	20.2	72.0	.2	0.0	.2	4.3
19	17.8	24.5	19.8	79.7	.2	.1	.3	2.3
20	17.3	25.9	21.1	71.7	0.0	0.0	0.0	6.2
21	18.7	26.0	21.1	75.0	0.0	0.0	0.0	6.0
22	18.7	25.3	20.4	80.3	2.4	0.0	2.4	4.4
23	18.1	24.5	20.4	75.0	26.4	0.0	26.4	6.3
24	17.7	26.2	20.8	72.3	0.0	0.0	0.0	3.4
25	18.0	27.4	22.0	64.3	0.0	0.0	0.0	8.9
26	19.4	26.2	21.3	78.0	0.0	2.0	2.0	4.8
27	17.8	25.0	20.5	78.0	2.8	0.0	2.8	2.8
28	18.5	24.5	20.8	74.7	0.0	0.0	0.0	6.6
29	17.7	26.5	20.9	66.7	0.0	0.0	0.0	7.9
30	18.4	26.4	21.3	75.0	0.0	0.0	0.0	8.7
31	17.5	26.9	21.2	73.3	0.0	0.0	0.0	6.3
Total :					44.6	10.6	55.2	155.2
Promedio :	18.0	25.4	20.8	73.8				

Estación : SAN ANTONIO
Año : 1997

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7 ° 6 ' N
Longitud : 73 ° 4 ' W
Altitud : 1480 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	26.2	21.1	73.0	3.0	10.6	13.6	3.7
2	16.7	25.9	20.5	68.0	0.0	0.0	0.0	5.3
3	16.6	26.0	20.6	74.7	4.0	0.0	4.0	5.9
4	17.4	25.6	20.4	82.3	0.0	0.0	0.0	5.5
5	18.4	26.5	20.6	73.3	1.6	0.0	1.6	4.9
6	17.2	25.7	19.4	80.0	2.1	.8	2.9	3.8
7	16.3	26.9	20.6	76.7	0.0	16.0	16.0	9.2
8	16.7	25.0	19.2	84.0	1.6	0.0	1.6	5.9
9	16.4	26.1	19.7	76.0	.3	.1	.4	5.8
10	18.0	27.0	21.3	69.7	0.0	0.0	0.0	5.9
11	18.3	26.7	21.5	76.0	0.0	0.0	0.0	6.6
12	18.9	26.8	21.8	73.7	0.0	0.0	0.0	6.6
13	18.4	27.7	21.3	71.0	0.0	0.0	0.0	6.6
14	18.7	26.2	20.6	77.0	0.0	3.9	3.9	4.1
15	17.2	27.3	20.8	74.3	.7	0.0	.7	5.1
16	18.2	28.4	21.5	75.3	0.0	0.0	0.0	5.3
17	18.6	26.8	20.9	70.3	3.1	0.0	3.1	4.9
18	18.9	23.9	20.5	78.0	0.0	0.0	0.0	.3
19	17.0	26.3	21.5	67.0	0.0	5.4	5.4	4.4
20	17.0	26.9	20.4	79.3	0.0	0.0	0.0	3.7
21	17.5	25.4	20.6	81.7	.2	1.2	1.4	2.7
22	17.9	24.4	19.6	86.7	0.0	8.0	8.0	1.6
23	17.0	23.4	18.2	87.0	4.8	7.5	12.3	.7
24	16.7	25.1	19.4	83.7	0.0	14.5	14.5	2.3
25	16.6	26.2	20.0	83.7	.4	.3	.7	2.8
26	17.0	24.7	20.7	67.0	0.0	4.0	4.0	.4
27	16.8	26.6	20.9	69.0	0.0	0.0	0.0	5.4
28	17.9	25.5	20.2	75.3	1.5	3.0	4.5	4.5
29	17.7	24.5	19.7	74.0	0.0	0.0	0.0	2.2
30	17.5	25.8	20.7	79.3	0.0	0.0	0.0	7.8
31								
Total :					23.3	75.3	98.6	133.9
Promedio :	17.5	26.0	20.5	76.2				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	25.5	21.3	70.0	0.0	6.5	6.5	5.6
2	16.3	24.8	20.0	79.3	0.0	3.0	3.0	6.2
3	17.0	26.0	20.0	71.0	1.7	.1	1.8	3.1
4	17.5	25.9	20.4	77.7	.7	0.0	.7	7.7
5	17.7	25.8	20.5	79.7	1.4	0.0	1.4	2.0
6	17.6	25.0	20.3	74.0	0.0	0.0	0.0	4.9
7	17.4	25.8	20.4	78.3	0.0	0.0	0.0	6.5
8	18.5	27.0	21.5	65.0	.7	0.0	.7	6.4
9	17.5	26.6	21.2	68.3	0.0	27.2	27.2	6.9
10	16.7	26.2	21.1	75.3	0.0	1.5	1.5	7.0
11	17.1	26.7	20.5	79.0	0.0	0.0	0.0	6.9
12	17.4	25.5	20.2	79.3	.1	6.1	6.2	4.0
13	17.8	24.6	19.8	81.7	0.0	2.5	2.5	5.5
14	17.2	27.3	20.8	67.0	1.1	0.0	1.1	6.5
15	16.9	25.2	20.8	71.7	0.0	0.0	0.0	4.1
16	16.7	25.9	20.6	78.0	0.0	3.5	3.5	6.4
17	16.6	23.5	19.1	84.0	3.6	0.0	3.6	1.5
18	17.3	23.8	19.4	81.0	0.0	0.0	0.0	2.3
19	16.7	24.0	19.2	81.7	0.0	0.0	0.0	2.4
20	17.4	24.3	20.2	75.7	0.0	0.0	0.0	4.4
21	17.2	24.5	20.0	79.3	1.9	.5	2.4	4.9
22	17.2	25.0	19.8	81.0	0.0	0.0	0.0	2.6
23	17.1	26.1	20.6	72.0	0.0	0.0	0.0	6.2
24	17.5	27.2	21.6	68.7	0.0	0.0	0.0	8.2
25	18.2	27.3	21.9	72.3	0.0	0.0	0.0	7.4
26	17.7	26.9	20.6	76.3	0.0	0.0	0.0	5.7
27	18.0	27.2	21.4	78.7	.3	0.0	.3	7.0
28	18.7	23.7	20.0	85.7	8.1	0.0	8.1	1.5
29	18.0	24.3	20.3	83.3	0.0	0.0	0.0	.6
30	17.7	26.5	20.5	81.3	22.4	0.0	22.4	5.6
31	18.2	26.8	21.6	71.7	0.0	0.0	0.0	7.7
Total :					42.0	50.9	92.9	157.7
Promedio :	17.4	25.6	20.5	76.4				

Estación : SAN ANTONIO **Dpto. : SANTANDER** **Latitud : 7 ° 6 ' N**
Año : 1997 **Mpio. : FLORIDABLANCA** **Longitud : 73 ° 4 ' W**
Altitud : 1480 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	26.3	20.3	71.3	2.0	0.0	2.0	3.1
2	17.9	27.1	21.2	76.0	0.0	0.0	0.0	6.6
3	18.5	27.1	21.6	79.3	.5	0.0	.5	6.8
4	18.6	26.5	21.3	78.0	0.0	0.0	0.0	4.2
5	17.9	25.5	21.2	80.3	0.0	0.0	0.0	7.7
6	17.5	24.5	20.8	82.7	.1	20.4	20.5	2.7
7	17.0	22.7	19.8	91.0	3.7	1.1	4.8	1.1
8	17.4	20.5	18.7	96.0	3.7	0.0	3.7	0.0
9	17.1	21.4	19.0	90.7	1.5	.8	2.3	.2
10	17.3	20.7	18.7	89.7	6.5	0.0	6.5	.1
11	16.2	24.7	19.9	84.3	.8	0.0	.8	8.7
12	16.4	24.2	19.8	83.7	0.0	0.0	0.0	4.2
13	16.8	23.5	19.2	87.3	1.6	0.0	1.6	5.2
14	16.2	20.4	18.3	88.3	2.3	1.9	4.2	2.0
15	16.0	21.4	18.3	89.3	0.0	0.0	0.0	1.6
16	15.1	23.0	18.6	87.7	0.0	0.0	0.0	2.6
17	16.5	23.9	19.0	82.0	8.0	0.0	8.0	5.9
18	16.7	24.1	19.5	88.7	.2	0.0	.2	5.3
19	17.2	25.6	20.4	79.0	1.3	.5	1.8	7.3
20	16.5	24.9	19.3	83.3	0.0	0.0	0.0	4.1
21	16.2	24.4	20.1	85.7	0.0	0.0	0.0	6.1
22	17.5	25.1	21.0	69.7	0.0	0.0	0.0	5.4
23	18.1	26.8	21.3	76.0	0.0	0.0	0.0	8.5
24	17.9	25.5	20.6	78.0	0.0	0.0	0.0	4.0
25	17.5	24.5	20.0	87.7	0.0	0.0	0.0	2.0
26	17.0	22.0	18.9	91.0	2.1	0.0	2.1	.4
27	15.7	22.7	19.3	87.0	0.0	0.0	0.0	4.0
28	16.5	24.3	20.3	82.0	0.0	0.0	0.0	6.2
29	17.1	25.7	21.0	76.7	0.0	0.0	0.0	7.2
30	18.2	25.2	20.4	84.7	9.1	38.4	47.5	5.7
31								
Total :					43.4	63.1	106.5	128.9
Promedio :	17.1	24.1	19.9	83.6				

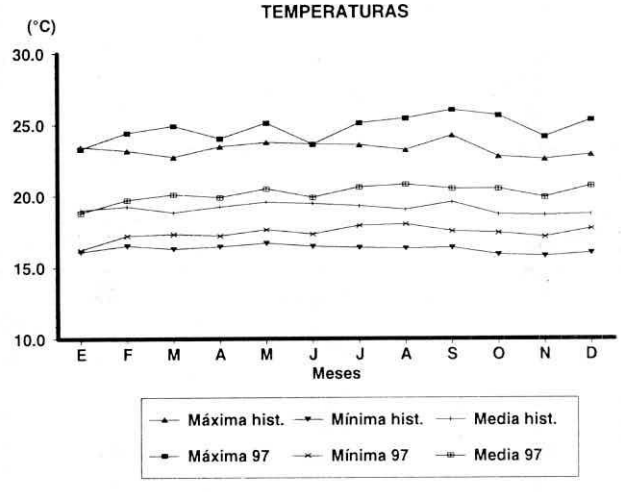
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	25.5	20.1	81.7	0.0	0.0	0.0	5.4
2	17.7	23.6	20.0	89.0	0.0	0.0	0.0	2.2
3	17.0	25.0	20.0	81.7	0.0	0.0	0.0	8.4
4	17.4	24.8	20.5	73.7	0.0	0.0	0.0	5.1
5	18.0	27.7	21.7	67.0	0.0	0.0	0.0	7.9
6	18.1	27.9	22.2	66.0	0.0	0.0	0.0	8.8
7	19.0	24.8	21.0	75.7	.1	0.0	.1	2.7
8	19.1	27.9	21.2	80.0	0.0	0.0	0.0	6.8
9	18.3	27.0	21.4	77.7	0.0	0.0	0.0	7.8
10	18.3	25.4	21.0	82.3	0.0	0.0	0.0	6.9
11	18.4	26.9	21.8	78.7	0.0	0.0	0.0	9.7
12	18.3	25.4	20 8	81.0	0.0	0.0	0.0	8.7
13	17.0	25.5	20.8	80.0	0.0	0.0	0.0	8.1
14	17.2	24.8	20.5	80.0	0.0	32.5	32.5	7.0
15	17.0	20.4	18.0	96.0	3.8	1.8	5.6	.5
16	16.4	21.3	18.6	96.3	1.7	0.0	1.7	.4
17	16.5	24.5	20.3	78.3	0.0	0.0	0.0	4.3
18	16.7	23.9	19.9	87.3	0.0	0.0	0.0	4.0
19	17.7	23.3	20.0	86.0	0.0	0.0	0.0	3.2
20	17.5	25.0	20.6	86.3	0.0	0.0	0.0	4.2
21	17.9	26.5	21.4	78.0	0.0	0.0	0.0	7.5
22	18.0	26.0	21.3	78.0	0.0	0.0	0.0	9.2
23	17.6	25.9	21.5	75.0	0.0	0.0	0.0	10.0
24	18.5	27.2	21.6	75.0	0.0	0.0	0.0	9.8
25	18.4	27.3	21.5	78.0	0.0	0.0	0.0	9.8
26	18.5	26.2	21.2	76.0	0.0	0.0	0.0	8.0
27	18.0	26.9	22.0	67.0	0.0	0.0	0.0	10.0
28	17.9	25.8	21.1	86.7	0.0	.3	.3	7.8
29	17.6	26.6	21.0	87.7	0.0	28.5	28.5	7.6
30	17.2	23.2	19.6	94.3	0.0	0.0	0.0	2.5
31	16.4	22.8	19.4	89.7	0.0	0.0	0.0	1.9
Total :					5.6	63.1	68.7	196.2
Promedio :	17.7	25.3	20.7	81.0				

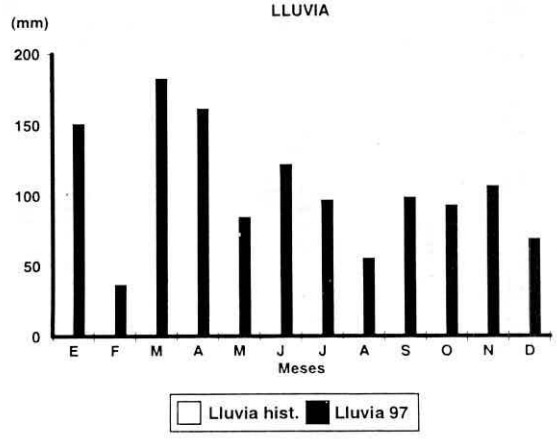
Estación : SAN ANTONIO
Año : 1997

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7 ° 6 'N
Longitud : 73 ° 4 'W
Altitud : 1480 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.2	23.3	18.8	25.4	15.2	85.4	151.0	18	128.0
Febrero	17.2	24.4	19.7	27.6	15.4	82.4	36.6	12	108.6
Marzo	17.3	24.9	20.1	28.2	15.6	80.2	182.7	14	137.2
Abril	17.2	24.0	19.9	26.4	15.7	83.4	161.5	17	86.7
Mayo	17.6	25.1	20.5	27.9	16.4	77.4	84.7	19	125.5
Junio	17.3	23.6	19.9	26.0	16.4	78.5	122.3	18	87.6
Julio	17.9	25.1	20.6	28.5	16.3	74.5	96.6	21	134.3
Agosto	18.0	25.4	20.8	27.5	16.4	73.8	55.2	17	155.2
Septiembre	17.5	26.0	20.5	28.4	16.3	76.2	98.6	18	133.9
Octubre	17.4	25.6	20.5	27.3	16.3	76.4	92.9	17	157.7
Noviembre	17.1	24.1	19.9	27.1	15.1	83.6	106.5	15	128.9
Diciembre	17.7	25.3	20.7	27.9	16.0	81.0	68.7	6	196.2
Promedio :	17.4	24.7	20.2			79.4			
Absoluta :				28.5	15.1				
Total :							1257.3	192	1579.8





Estación : ALBERTO SANTOS
Año : 1997

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 5 ° 0 ' N
Longitud : 75 ° 36 ' W
Altitud : 1500 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.9	26.5	20.7	72.7	0.0	.7	.7	7.4
2	15.7	24.0	19.0	84.3	0.0	0.0	0.0	1.2
3	15.0	27.0	20.6	68.7	0.0	0.0	0.0	7.1
4	14.9	27.0	20.0	72.3	0.0	0.0	0.0	7.9
5	14.2	26.1	20.8	69.0	0.0	.5	.5	5.0
6	14.3	26.4	20.6	70.0	0.0	0.0	0.0	8.3
7	14.2	27.3	19.3	77.0	0.0	0.0	0.0	6.0
8	15.5	27.5	20.5	73.7	0.0	0.0	0.0	7.5
9	15.4	26.0	20.4	77.0	0.0	1.3	1.3	3.1
10	16.2	22.0	18.4	88.0	.4	4.1	4.5	1.4
11	16.4	24.2	17.7	93.7	4.1	0.0	4.1	2.8
12	16.0	24.5	18.8	84.7	0.0	0.0	0.0	3.8
13	15.0	26.8	19.5	76.0	0.0	0.0	0.0	8.4
14	13.4	27.0	20.0	71.7	0.0	0.0	0.0	7.3
15	16.4	27.2	20.8	71.3	0.0	.7	.7	5.7
16	16.0	26.2	19.5	79.0	0.0	0.0	0.0	5.3
17	16.4	25.4	19.5	79.0	.4	.1	.5	6.1
18	16.4	27.0	20.3	72.3	0.0	0.0	0.0	8.5
19	16.3	26.5	19.8	70.3	0.0	0.0	0.0	7.7
20	13.9	26.5	19.7	71.3	0.0	0.0	0.0	9.2
21	14.2	27.0	20.2	72.0	0.0	0.0	0.0	8.4
22	14.9	27.3	20.2	73.7	0.0	0.0	0.0	7.9
23	15.1	27.1	20.4	66.7	0.0	0.0	0.0	7.8
24	15.0	27.5	20.6	67.7	0.0	0.0	0.0	6.3
25	17.0	27.8	21.0	73.7	.2	0.0	.2	5.8
26	16.0	28.3	21.1	71.7	0.0	0.0	0.0	5.9
27	15.6	28.3	20.9	71.0	0.0	0.0	0.0	7.6
28	13.9	28.0	20.2	68.7	0.0	0.0	0.0	8.1
29	14.8	28.3	21.0	66.3	0.0	0.0	0.0	8.4
30	15.3	27.9	20.4	68.7	0.0	0.0	0.0	8.4
31	15.2	26.5	20.5	71.7	0.0	0.0	0.0	5.8
Total :					5.1	7.4	12.5	200.1
Promedio :	15.3	26.6	20.1	74.0				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.4	27.6	21.0	67.7	0.0	0.0	0.0	8.1
2	15.4	27.5	21.4	68.0	0.0	2.4	2.4	8.1
3	15.6	27.0	20.1	80.3	1.7	.8	2.5	4.3
4	16.4	27.4	19.4	80.3	9.9	2.5	12.4	4.5
5	14.4	24.9	19.6	75.0	0.0	0.0	0.0	4.1
6	14.6	27.6	21.0	66.3	0.0	.7	.7	9.6
7	15.4	27.8	21.4	65.7	0.0	0.0	0.0	8.6
8	14.5	27.9	18.8	75.7	.5	1.7	2.2	4.5
9	15.3	27.8	20.8	72.3	0.0	14.4	14.4	4.7
10	15.0	27.0	20.0	79.0	.5	39.7	40.2	6.0
11	15.0	24.8	19.3	83.3	9.7	2.8	12.5	3.9
12	16.2	23.6	18.6	87.0	1.2	0.0	1.2	.9
13	14.7	27.5	20.8	71.3	0.0	0.0	0.0	9.2
14	15.2	27.0	21.5	71.0	0.0	0.0	0.0	4.9
15	15.5	29.6	21.9	72.3	0.0	0.0	0.0	7.2
16	16.2	28.7	19.5	76.3	10.3	1.2	11.5	8.1
17	15.5	25.9	20.3	78.3	0.0	.8	.8	1.9
18	15.4	27.4	21.4	72.3	0.0	0.0	0.0	7.6
19	16.7	28.5	22.2	67.7	0.0	.1	.1	7.7
20	18.0	28.5	22.5	62.7	0.0	0.0	0.0	7.0
21	16.5	28.6	22.2	64.0	0.0	0.0	0.0	8.7
22	18.2	28.8	23.5	63.7	0.0	5.2	5.2	7.7
23	17.5	29.8	21.5	76.3	3.7	.3	4.0	5.8
24	18.0	26.5	21.9	71.0	0.0	.2	.2	.8
25	17.4	27.7	22.0	69.0	0.0	0.0	0.0	5.6
26	16.0	26.0	20.7	76.7	0.0	0.0	0.0	3.0
27	16.2	30.0	23.3	70.0	0.0	0.0	0.0	8.1
28	16.3	29.4	22.8	68.3	0.0	0.0	0.0	9.8
29								
30								
31								
Total :					37.5	72.8	110.3	170.4
Promedio :	15.9	27.5	21.0	72.6				

Estación : ALBERTO SANTOS
Año : 1997

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 5 ° 0 ' N
Longitud : 75 ° 36 ' W
Altitud : 1500 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	28.4	21.8	71.0	0.0	0.0	0.0	7.7
2	16.9	28.7	22.3	68.7	0.0	0.0	0.0	0.0
3	15.6	28.8	21.1	69.0	0.0	0.0	0.0	9.8
4	15.2	27.9	21.6	64.0	0.0	0.0	0.0	8.9
5	15.0	29.6	21.4	64.3	0.0	0.0	0.0	9.0
6	15.4	28.8	21.9	63.7	0.0	0.0	0.0	8.8
7	16.7	30.4	22.8	61.3	0.0	0.0	0.0	9.0
8	15.3	30.0	22.4	61.3	0.0	0.0	0.0	7.9
9	15.9	31.1	23.5	63.0	0.0	.7	.7	7.8
10	17.0	29.9	20.9	77.0	4.6	0.0	4.6	7.9
11	17.1	29.5	21.5	77.7	.9	0.0	.9	6.0
12	18.0	27.8	22.0	77.0	0.0	.6	.6	2.7
13	17.5	26.0	20.0	87.3	1.5	0.0	1.5	.7
14	16.8	28.0	22.2	71.3	0.0	0.0	0.0	6.4
15	16.0	29.9	22.9	71.3	0.0	2.8	2.8	6.2
16	17.8	24.1	20.0	90.0	0.0	.6	.6	1.5
17	17.0	23.5	19.8	88.3	.1	28.7	28.8	1.2
18	16.2	24.5	19.0	87.3	17.7	24.4	42.1	2.0
19	16.4	23.7	18.8	95.0	1.7	0.0	1.7	1.2
20	15.4	25.0	19.6	81.7	0.0	0.0	0.0	4.5
21	15.7	25.5	19.8	75.7	0.0	0.0	0.0	7.0
22	15.4	26.7	20.4	67.3	0.0	0.0	0.0	8.7
23	15.8	26.0	20.1	70.3	0.0	0.0	0.0	8.5
24	14.5	27.0	20.2	68.0	0.0	0.0	0.0	9.2
25	16.4	27.7	21.8	68.3	0.0	0.0	0.0	6.0
26	16.9	24.0	20.0	83.7	0.0	0.0	0.0	2.6
27	16.3	24.7	20.4	78.7	0.0	0.0	0.0	4.8
28	15.5	25.6	20.2	75.0	0.0	0.0	0.0	6.9
29	14.9	27.1	21.6	70.3	0.0	0.0	0.0	8.0
30	16.8	27.5	21.0	72.0	0.0	0.0	0.0	7.7
31	16.0	27.3	21.1	66.3	0.0	0.0	0.0	8.2
Total					26.5	57.8	84.3	186.8
Promedio	16.2	27.2	21.0	73.7				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.8	21.3	71.7	0.0	0.0	0.0	7.8
2	16.1	29.0	21.6	69.0	0.0	0.0	0.0	6.8
3	16.4	28.5	21.4	71.3	0.0	0.0	0.0	8.3
4	17.3	28.7	22.0	70.3	0.0	3.4	3.4	7.6
5	16.5	27.7	21.7	70.3	0.0	0.0	0.0	6.6
6	15.8	28.5	20.5	78.7	1.7	1.3	3.0	4.5
7	15.6	27.0	21.4	73.7	0.0	.4	.4	8.4
8	17.1	29.0	22.8	68.7	0.0	2.4	2.4	6.6
9	17.0	26.0	20.6	85.7	0.0	6.1	6.1	3.8
10	18.0	26.5	20.7	84.3	5.7	.5	6.2	3.9
11	18.2	26.7	21.5	84.0	0.0	0.0	0.0	3.1
12	17.8	28.7	20.7	78.3	10.8	0.0	10.8	6.0
13	17.0	28.8	22.0	74.3	0.0	.2	.2	5.7
14	16.0	26.0	20.6	82.7	0.0	0.0	0.0	1.3
15	17.7	28.3	22.1	67.0	0.0	0.0	0.0	7.0
16	15.4	29.4	23.2	63.7	0.0	10.7	10.7	9.5
17	17.6	27.2	21.9	71.7	0.0	0.0	0.0	7.5
18	17.0	25.4	21.0	77.0	0.0	.4	.4	4.4
19	17.3	25.3	20.7	84.0	5.6	6.1	11.7	.9
20	16.6	25.0	19.8	87.7	9.5	21.4	30.9	0.0
21	16.9	24.0	19.8	84.3	2.8	16.2	19.0	1.5
22	16.5	24.5	18.5	87.0	25.2	4.0	29.2	1.8
23	16.0	26.5	20.5	81.7	0.0	.8	.8	4.3
24	15.6	26.5	20.8	80.0	0.0	19.6	19.6	4.3
25	17.5	25.0	20.2	85.3	2.0	11.5	13.5	2.9
26	16.0	26.4	18.8	86.3	5.4	.6	6.0	5.6
27	14.3	27.0	20.7	80.3	0.0	0.0	0.0	9.9
28	17.5	26.8	21.2	76.7	0.0	0.0	0.0	8.6
29	16.5	27.8	21.6	68.7	0.0	0.0	0.0	9.5
30	15.6	26.4	20.0	76.3	0.0	0.0	0.0	4.6
31								
Total					68.7	105.6	174.3	162.7
Promedio	16.7	26.9	21.0	77.4				

Estación : ALBERTO SANTOS
Año : 1997

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 5 ° 0 ' N
Longitud : 75 ° 36 ' W
Altitud : 1500 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.4	26.6	20.6	78.0	6.4	1.6	8.0	5.4
2	16.9	27.8	22.7	67.7	0.0	0.0	0.0	6.2
3	17.6	26.6	21.4	81.0	.8	3.3	4.1	3.8
4	16.4	27.0	21.6	79.0	0.0	0.0	0.0	5.4
5	15.8	28.7	20.5	78.7	32.9	13.4	46.3	7.7
6	15.2	27.2	21.2	75.3	1.3	8.1	9.4	9.4
7	15.7	24.0	19.6	88.0	0.0	0.0	0.0	.8
8	15.8	28.3	22.0	77.7	0.0	6.5	6.5	7.0
9	16.0	26.9	20.6	83.7	7.3	0.0	7.3	6.0
10	17.6	26.0	21.6	78.0	0.0	3.2	3.2	4.7
11	16.3	24.5	19.9	85.3	1.0	0.0	1.0	.8
12	15.9	27.9	21.4	79.7	.3	4.4	4.7	7.8
13	15.2	27.7	21.8	75.7	0.0	2.6	2.6	9.7
14	15.4	26.9	21.2	79.3	0.0	7.6	7.6	7.9
15	16.0	27.2	21.0	76.0	1.7	.2	1.9	8.0
16	14.0	28.9	22.1	67.3	0.0	3.1	3.1	9.4
17	15.9	27.9	21.7	79.7	0.0	.9	.9	9.8
18	16.0	29.0	22.8	69.3	0.0	0.0	0.0	10.6
19	16.5	26.5	21.9	78.0	0.0	0.0	0.0	4.7
20	16.0	27.4	21.9	79.3	0.0	0.0	0.0	7.3
21	16.3	28.5	21.0	76.3	6.4	10.6	17.0	5.7
22	15.0	26.8	21.1	83.7	.2	4.0	4.2	6.4
23	16.9	28.2	21.6	79.0	.5	0.0	.5	7.4
24	15.7	29.9	23.4	71.0	0.0	5.8	5.8	9.2
25	16.7	25.9	20.1	87.0	0.0	0.0	0.0	2.5
26	17.3	26.0	19.6	89.7	10.6	27.1	37.7	3.7
27	16.4	28.5	21.0	77.7	0.0	0.0	0.0	4.5
28	16.7	25.9	20.6	82.7	1.2	.2	1.4	2.4
29	16.4	26.0	21.0	86.7	0.0	0.0	0.0	3.3
30	16.9	24.5	20.7	84.7	.1	3.3	3.4	.3
31	16.8	26.3	20.1	87.0	2.6	.1	2.7	5.3
Total :					73.3	106.0	179.3	183.1
Promedio :	16.2	27.1	21.2	79.4				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	24.5	19.8	87.3	0.0	0.0	0.0	4.3
2	16.5	27.8	21.7	79.3	0.0	.5	.5	5.6
3	16.5	27.4	22.2	75.0	0.0	49.9	49.9	9.2
4	15.4	23.6	19.0	93.0	7.5	.5	8.0	.3
5	16.5	25.1	21.7	81.7	0.0	10.6	10.6	9.4
6	16.2	25.0	20.2	89.0	0.0	.2	.2	5.4
7	16.4	24.8	20.2	87.0	.5	0.0	.5	5.0
8	17.6	24.0	19.6	90.3	1.0	.1	1.1	1.7
9	16.9	25.2	19.8	85.3	.2	0.0	.2	2.6
10	16.4	26.7	21.1	82.7	0.0	0.0	0.0	6.8
11	17.3	27.0	21.5	81.7	0.0	1.6	1.6	6.3
12	17.6	24.5	20.2	88.0	1.1	0.0	1.1	1.9
13	16.0	25.0	19.7	85.7	24.9	4.3	29.2	4.5
14	15.0	25.2	19.6	86.7	0.0	0.0	0.0	7.1
15	15.3	26.9	21.7	80.0	1.4	4.5	5.9	7.0
16	15.2	28.0	20.9	86.0	0.0	0.0	0.0	5.6
17	16.2	28.5	22.7	72.3	0.0	0.0	0.0	7.6
18	16.7	25.8	20.5	84.7	.3	2.2	2.5	4.6
19	17.2	24.5	19.7	88.0	2.7	0.0	2.7	2.0
20	15.4	26.8	21.0	81.3	0.0	1.2	1.2	8.7
21	16.5	26.2	20.2	83.0	0.0	2.9	2.9	4.0
22	15.6	30.8	21.8	81.7	0.0	0.0	0.0	7.5
23	17.0	28.5	23.0	74.7	0.0	4.4	4.4	.4
24	17.2	26.3	20.8	86.7	0.0	0.0	0.0	2.5
25	16.0	25.0	19.7	82.7	3.0	5.8	8.8	3.0
26	16.8	21.6	18.4	96.7	1.3	4.1	5.4	.5
27	15.5	23.2	19.3	89.7	0.0	0.0	0.0	2.2
28	15.3	28.0	22.0	79.7	0.0	6.6	6.6	6.3
29	14.9	27.0	21.2	79.7	0.0	0.0	0.0	8.1
30	17.4	24.9	19.9	86.3	.5	0.0	.5	4.4
31								
Total :					44.4	99.4	143.8	144.5
Promedio :	16.3	25.9	20.6	84.2				

Estación : ALBERTO SANTOS
Año : 1997

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 5 ° 0 ' N
Longitud : 75 ° 36 ' W
Altitud : 1500 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	27.5	21.2	81.3	0.0	.4	.4	6.6
2	15.4	27.9	21.5	75.7	.1	0.0	.1	8.1
3	16.4	26.2	20.6	81.0	.8	.2	1.0	5.7
4	15.0	28.4	21.9	77.7	0.0	0.0	0.0	9.9
5	15.6	26.8	20.6	82.7	0.0	0.0	0.0	3.3
6	16.2	29.2	22.4	80.3	.2	0.0	.2	7.5
7	16.8	27.5	19.8	79.7	.3	12.2	12.5	5.7
8	14.9	26.5	20.1	82.0	3.1	.1	3.2	6.3
9	16.0	26.5	19.5	82.0	14.1	1.5	15.6	5.5
10	16.2	25.9	20.3	82.7	0.0	2.9	2.9	6.6
11	14.4	26.0	20.2	86.7	0.0	0.0	0.0	3.8
12	15.3	26.6	20.6	86.7	0.0	0.0	0.0	6.4
13	14.0	28.9	22.3	72.7	0.0	0.0	0.0	8.2
14	17.1	27.8	22.5	76.3	.1	2.0	2.1	5.6
15	16.3	25.9	20.1	83.3	1.5	5.8	7.3	3.5
16	16.2	27.7	21.2	81.0	.1	.2	.3	4.3
17	17.2	26.9	20.6	82.7	1.8	.2	2.0	3.6
18	16.2	28.2	21.1	79.7	0.0	0.0	0.0	7.2
19	13.7	29.9	22.2	65.7	0.0	4.4	4.4	10.6
20	16.6	30.0	22.6	69.0	0.0	0.0	0.0	7.3
21	16.9	28.2	22.2	75.0	0.0	0.0	0.0	7.0
22	15.9	29.5	21.8	77.3	.2	0.0	.2	6.9
23	16.1	30.4	23.2	73.0	0.0	0.0	0.0	8.3
24	15.9	32.2	21.8	70.7	.3	0.0	.3	9.1
25	15.4	28.6	22.8	70.7	0.0	0.0	0.0	5.4
26	15.3	31.2	23.0	60.0	0.0	13.5	13.5	9.5
27	14.0	27.6	21.5	75.3	0.0	0.0	0.0	4.1
28	17.0	24.5	19.4	85.0	4.7	0.0	4.7	1.7
29	14.6	26.9	20.4	79.3	0.0	.2	.2	4.3
30	16.4	26.7	20.9	82.3	2.9	0.0	2.9	3.7
31	15.5	29.6	20.2	75.0	2.2	1.4	3.6	6.7
Total :					32.4	45.0	77.4	192.4
Promedio :	15.8	27.9	21.2	77.8				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	30.4	22.3	68.7	0.0	1.2	1.2	9.4
2	15.2	29.9	22.4	73.7	0.0	24.1	24.1	7.9
3	15.0	29.0	21.9	77.0	.1	0.0	.1	10.3
4	14.9	30.3	23.1	76.3	0.0	1.7	1.7	10.2
5	15.0	27.5	22.5	72.0	0.0	0.0	0.0	5.9
6	16.4	29.7	21.5	78.0	1.0	0.0	1.0	6.6
7	15.9	30.2	21.7	74.7	0.0	0.0	0.0	5.5
8	17.0	30.4	22.9	61.0	0.0	.9	.9	8.6
9	15.9	27.0	20.8	77.7	0.0	1.8	1.8	1.9
10	14.5	27.5	20.6	79.3	.6	1.2	1.8	8.0
11	16.5	28.9	21.4	78.3	1.1	1.2	2.3	6.3
12	16.6	25.8	21.0	82.7	.2	0.0	.2	2.9
13	15.6	26.5	20.4	84.0	.3	.1	.4	1.7
14	16.4	27.9	21.4	80.3	2.6	3.6	6.2	6.3
15	16.6	27.6	21.2	77.0	.2	0.0	.2	5.2
16	15.6	29.5	22.4	71.0	0.0	4.6	4.6	6.9
17	15.2	28.0	21.6	84.7	0.0	0.0	0.0	4.6
18	15.4	29.9	21.5	74.7	38.8	.1	38.9	6.8
19	15.7	27.0	19.4	80.7	21.9	.1	22.0	5.6
20	14.5	29.0	21.6	75.3	0.0	.1	.1	9.2
21	15.5	29.1	22.6	61.7	0.0	12.2	12.2	8.2
22	15.6	28.0	21.4	75.7	0.0	.4	.4	7.3
23	15.6	27.9	21.5	78.3	0.0	16.1	16.1	7.6
24	15.2	28.3	21.6	81.0	1	0.0	1	10.1
25	16.6	30.8	23.4	67.0	0.0	0.0	0.0	10.2
26	16.8	31.0	23.5	67.7	.1	9.7	9.8	7.6
27	16.5	28.2	22.1	81.0	0.0	0.0	0.0	6.1
28	15.1	30.9	23.2	66.0	0.0	0.0	0.0	9.9
29	13.8	30.2	22.2	63.0	0.0	0.0	0.0	10.2
30	16.4	29.9	22.9	67.3	1	0.0	1	10.6
31	15.4	31.0	23.0	63.7	0.0	.2	.2	9.7
Total :					67.1	79.3	146.4	227.3
Promedio :	15.7	28.9	21.9	74.2				

Estación : ALBERTO SANTOS
Año : 1997

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 5 ° ' N
Longitud : 75 ° 36' W
Altitud : 1500 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	29.0	22.2	69.3	0.0	5.9	5.9	5.7
2	16.3	28.6	20.2	81.7	5.2	.4	5.6	5.7
3	15.8	28.3	22.0	72.7	0.0	0.0	0.0	9.1
4	16.2	27.5	22.6	64.3	0.0	0.0	0.0	6.6
5	18.0	29.8	22.0	74.0	0.0	0.0	0.0	3.6
6	16.6	27.4	20.0	84.0	11.4	2.9	14.3	4.9
7	15.5	27.5	21.0	81.3	0.0	0.0	0.0	6.3
8	17.5	25.3	20.4	81.3	0.0	0.0	0.0	2.7
9	16.5	29.1	21.0	77.0	.8	2.2	3.0	8.0
10	17.3	30.1	22.3	72.7	0.0	0.0	0.0	8.1
11	16.6	30.0	23.5	68.7	.2	2.2	2.4	8.9
12	15.4	29.9	22.5	69.0	0.0	2.8	2.8	8.3
13	15.7	29.2	22.8	72.0	0.0	0.0	0.0	5.5
14	16.8	29.0	22.5	72.0	0.0	4.5	4.5	5.8
15	15.7	28.0	20.7	80.7	0.0	0.0	0.0	4.3
16	16.5	30.8	23.4	59.3	0.0	0.0	0.0	8.2
17	15.6	28.8	23.1	60.0	0.0	11.3	11.3	7.8
18	17.6	27.2	20.6	80.7	.3	2.4	2.7	4.3
19	15.8	29.0	22.2	73.0	0.0	2.3	2.3	6.9
20	17.0	27.0	20.9	80.7	0.0	15.6	15.6	4.8
21	16.9	27.5	21.3	80.7	.4	5.3	5.7	5.3
22	16.8	27.1	21.1	81.0	13.5	22.7	36.2	8.0
23	17.3	26.0	20.3	83.7	14.5	22.6	37.1	4.2
24	16.4	25.5	20.2	84.0	0.0	2.4	2.4	1.4
25	17.0	25.8	20.2	84.3	1.9	7.2	9.1	2.7
26	16.0	25.4	21.2	78.7	0.0	0.0	0.0	5.1
27	16.4	26.7	21.0	82.7	0.0	2.7	2.7	6.3
28	15.6	26.5	20.0	73.0	0.0	1.2	1.2	5.0
29	15.8	25.4	19.4	87.3	0.0	.8	.8	3.2
30	15.2	27.4	21.8	68.3	0.0	0.0	0.0	7.6
31								
Total :					48.2	117.4	165.6	174.3
Promedio :	16.4	27.8	21.4	75.9				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	27.8	22.0	75.3	0.0	32.2	32.2	9.6
2	16.0	27.4	20.5	80.0	0.0	10.1	10.1	7.4
3	16.2	25.0	19.8	84.0	4.5	.1	4.6	5.3
4	16.0	27.9	21.6	77.0	0.0	0.0	0.0	8.1
5	16.4	27.5	20.8	83.0	0.0	0.0	0.0	6.6
6	15.8	27.3	21.5	76.7	.2	0.0	.2	9.2
7	15.9	28.9	22.5	71.7	0.0	0.0	0.0	10.0
8	16.0	29.4	22.9	63.7	0.0	4.1	4.1	9.0
9	14.5	27.9	22.2	65.7	0.0	2.4	2.4	7.1
10	16.0	26.7	21.3	76.3	1.6	9.5	11.1	8.7
11	15.4	25.6	20.2	86.7	0.0	.4	.4	2.9
12	17.6	26.4	20.4	87.3	.2	16.3	16.5	7.3
13	16.6	26.4	20.7	82.0	0.0	23.2	23.2	7.0
14	17.0	25.4	20.8	84.7	0.0	0.0	0.0	4.3
15	16.4	24.6	20.8	84.7	0.0	0.0	0.0	.6
16	17.0	26.5	21.2	81.7	0.0	13.0	13.0	6.5
17	17.3	24.4	20.1	84.0	1.2	.2	1.4	8.1
18	17.4	25.0	20.4	85.7	2.6	0.0	2.6	4.1
19	17.0	25.2	20.3	83.3	0.0	0.0	0.0	5.2
20	16.9	26.3	20.9	81.0	0.0	.1	.1	7.6
21	17.3	26.8	21.1	76.0	1.2	.6	1.8	6.1
22	15.5	26.4	20.4	80.0	0.0	0.0	0.0	9.1
23	16.0	26.2	21.3	80.7	0.0	0.0	0.0	7.1
24	15.3	27.4	20.8	81.7	0.0	1.2	1.2	8.5
25	15.0	29.3	21.7	74.0	0.0	0.0	0.0	9.1
26	15.4	28.4	21.7	74.3	0.0	0.0	0.0	7.7
27	16.0	27.5	21.0	82.0	1.6	0.0	1.6	8.2
28	15.9	26.7	21.0	80.3	0.0	.8	.8	5.0
29	15.6	26.0	21.0	78.3	0.0	0.0	0.0	4.1
30	17.2	28.2	21.6	78.3	.3	0.0	.3	9.1
31	16.0	29.0	22.6	74.3	0.0	9.1	9.1	8.8
Total :					13.4	123.3	136.7	217.4
Promedio :	16.2	26.9	21.1	79.2				

Estación : ALBERTO SANTOS **Dpto. : SANTANDER** **Latitud : 5 ° 0 ' N**
Año : 1997 **Mpio. : SOCORRO** **Longitud : 75 ° 36 ' W**
Altitud : 1500 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.1	27.0	20.5	83.0	0.0	0.0	0.0	8.5
2	15.7	27.8	22.2	72.7	0.0	0.0	0.0	6.2
3	16.9	29.5	23.3	70.3	0.0	.2	.2	7.7
4	17.8	26.4	21.0	81.3	0.0	4.0	4.0	4.0
5	17.0	27.3	20.7	82.3	0.0	0.0	0.0	7.3
6	17.9	28.0	22.0	74.0	0.0	9.4	9.4	7.0
7	17.0	25.0	20.4	83.3	.5	19.3	19.8	4.6
8	16.8	21.0	18.1	90.7	2.1	.2	2.3	0.0
9	16.4	23.0	19.8	83.7	0.0	5.7	5.7	.7
10	16.9	23.5	19.8	89.3	4.2	0.0	4.2	.2
11	17.5	26.5	20.6	82.0	0.0	0.0	0.0	8.4
12	17.5	26.2	20.8	77.7	0.0	0.0	0.0	8.7
13	15.4	25.9	20.6	80.3	0.0	12.8	12.8	7.5
14	16.1	24.9	19.7	84.7	0.0	0.0	0.0	4.3
15	15.9	24.8	18.4	85.3	3.4	0.0	3.4	3.1
16	15.4	25.5	19.8	81.3	0.0	25.8	25.8	7.0
17	16.1	25.9	20.4	82.3	0.0	0.0	0.0	7.8
18	17.0	26.8	21.3	77.0	0.0	11.1	11.1	7.8
19	16.5	27.9	21.2	79.7	.2	0.0	.2	9.0
20	16.5	25.5	19.5	84.7	0.0	.2	.2	6.6
21	16.4	27.0	21.5	77.3	0.0	0.0	0.0	9.6
22	15.9	28.4	21.4	72.7	0.0	0.0	0.0	9.1
23	16.5	28.9	22.1	68.0	0.0	0.0	0.0	4.9
24	15.7	26.7	20.2	80.0	0.0	0.0	0.0	3.9
25	15.0	26.5	20.8	76.3	0.0	0.0	0.0	5.2
26	16.5	25.5	20.1	80.0	0.0	.8	.8	3.3
27	17.0	27.5	20.7	76.7	0.0	0.0	0.0	8.2
28	14.2	28.0	20.4	75.0	0.0	0.0	0.0	8.9
29	16.7	29.0	20.8	74.3	0.0	7.2	7.2	7.5
30	16.6	27.8	21.8	75.0	0.0	15.0	15.0	8.0
31								
Total :					10.4	111.7	122.1	185.0
Promedio :	16.4	26.5	20.7	79.4				

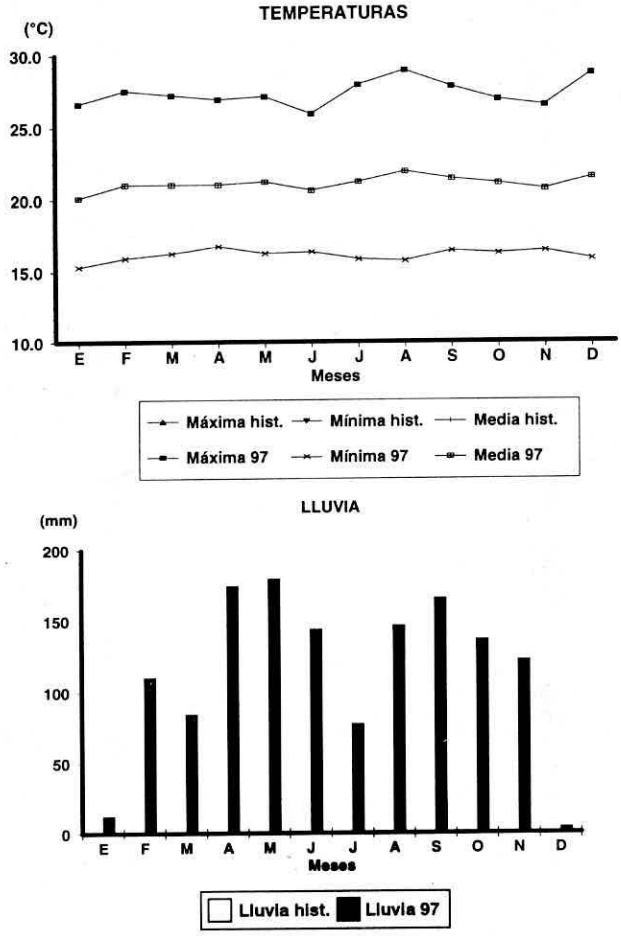
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.3	19.9	80.3	0.0	0.0	0.0	6.7
2	16.0	26.2	21.5	72.7	0.0	0.0	0.0	7.1
3	15.4	27.9	20.1	76.7	0.0	0.0	0.0	8.6
4	15.2	27.0	20.7	72.7	0.0	0.0	0.0	8.5
5	14.5	27.9	20.7	75.3	0.0	0.0	0.0	8.2
6	14.4	28.5	21.6	72.3	0.0	0.0	0.0	9.0
7	15.5	27.4	22.0	76.7	0.0	0.0	0.0	6.9
8	17.5	30.3	22.6	66.0	0.0	4.0	4.0	8.2
9	16.0	29.0	21.2	76.3	0.0	0.0	0.0	8.4
10	16.6	29.5	21.3	76.7	0.0	0.0	0.0	8.3
11	15.6	29.9	21.6	72.0	0.0	0.0	0.0	8.8
12	15.2	28.5	21.8	71.0	0.0	0.0	0.0	8.9
13	15.5	28.7	21.3	73.0	0.0	0.0	0.0	8.9
14	17.4	27.5	21.4	71.7	0.0	0.0	0.0	7.0
15	16.3	25.0	20.0	79.7	0.0	0.0	0.0	4.2
16	16.5	26.7	20.2	76.0	0.0	0.0	0.0	6.0
17	16.9	29.4	20.8	75.3	0.0	0.0	0.0	7.8
18	15.5	28.6	22.2	69.3	0.0	0.0	0.0	8.2
19	16.5	29.0	22.3	68.0	0.0	0.0	0.0	8.6
20	16.6	29.5	21.6	70.0	0.0	0.0	0.0	8.3
21	15.8	29.4	22.2	69.7	0.0	0.0	0.0	0.0
22	15.7	30.7	22.7	60.0	0.0	0.0	0.0	8.6
23	15.4	30.3	22.3	58.7	0.0	0.0	0.0	9.1
24	15.0	31.0	22.0	63.7	0.0	0.0	0.0	0.0
25	14.7	29.7	21.6	65.7	0.0	0.0	0.0	8.7
26	15.2	29.3	22.1	64.3	0.0	0.0	0.0	8.5
27	15.4	30.0	21.7	66.3	0.0	0.0	0.0	9.3
28	15.5	29.3	21.6	70.3	0.0	0.0	0.0	9.0
29	15.7	29.7	22.4	62.0	0.0	0.0	0.0	9.1
30	17.0	27.0	21.2	75.3	0.0	0.0	0.0	7.4
31	16.0	28.5	21.5	70.7	0.0	0.0	0.0	9.3
Total :					0.0	4.0	4.0	235.6
Promedio :	15.8	28.7	21.5	70.9				

Estación : ALBERTO SANTOS
Año : 1997

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 5 ° 0 'N
Longitud : 75 ° 36 'W
Altitud : 1500 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.3	26.6	20.1	28.3	13.4	74.0	12.5	8	200.1
Febrero	15.9	27.5	21.0	30.0	14.4	72.6	110.3	15	170.4
Marzo	16.2	27.2	21.0	31.1	14.5	73.7	84.3	10	186.8
Abril	16.7	26.9	21.0	29.4	14.3	77.4	174.3	18	162.7
Mayo	16.2	27.1	21.2	29.9	14.0	79.4	179.3	22	183.1
Junio	16.3	25.9	20.6	30.8	14.9	84.2	143.8	21	144.5
Julio	15.8	27.9	21.2	32.2	13.7	77.8	77.4	20	192.4
Agosto	15.7	28.9	21.9	31.0	13.8	74.2	146.4	24	227.3
Septiembre	16.4	27.8	21.4	30.8	15.2	75.9	165.6	19	174.3
Octubre	16.2	26.9	21.1	29.4	14.5	79.2	136.7	20	217.4
Noviembre	16.4	26.5	20.7	29.5	14.2	79.4	122.1	16	185.0
Diciembre	15.8	28.7	21.5	31.0	14.4	70.9	4.0	1	235.6
Promedio :	16.1	27.3	21.1			76.6			
Absoluta :				32.2	13.4				
Total :							1356.7	194	2279.6



Estación : LA TRINIDAD
Año : 1997

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	23.4	19.4	88.0	.7	.1	.8	.2
2	17.0	22.5	18.6	85.7	0.0	0.0	0.0	.2
3	18.0	25.0	19.6	85.3	0.0	0.0	0.0	1.7
4	17.5	24.0	20.0	80.3	0.0	0.0	0.0	3.1
5	14.5	23.4	19.3	84.0	0.0	0.0	0.0	2.4
6	16.5	24.8	20.0	82.0	0.0	0.0	0.0	3.0
7	17.5	24.9	19.8	84.0	0.0	0.0	0.0	3.0
8	16.0	25.0	19.6	82.0	0.0	0.0	0.0	3.4
9	17.5	22.0	18.5	86.3	1.0	0.0	1.0	.8
10	16.1	23.0	19.0	88.7	1.2	1.3	2.5	.4
11	16.8	22.2	18.6	89.7	1.4	.1	1.5	.5
12	16.3	23.0	19.4	90.3	.2	0.0	.2	.9
13	17.0	24.7	19.6	84.0	.1	0.0	.1	4.3
14	15.0	25.0	20.4	80.0	0.0	0.0	0.0	4.4
15	16.4	24.0	20.0	84.3	0.0	.4	.4	2.3
16	16.5	24.2	19.3	85.7	0.0	0.0	0.0	1.4
17	17.3	23.3	19.0	88.3	1.6	0.0	1.6	2.2
18	16.8	22.5	19.6	86.0	0.0	.3	.3	3.0
19	16.0	24.3	19.7	71.7	0.0	0.0	0.0	6.3
20	15.5	23.8	20.0	78.3	0.0	0.0	0.0	.9
21	16.7	22.0	18.7	91.3	.8	27.1	27.9	.5
22	16.8	23.5	19.4	89.3	0.0	21.5	21.5	.8
23	16.1	23.0	18.5	87.0	2.1	7.4	9.5	2.3
24	15.7	24.0	19.4	85.7	0.0	27.3	27.3	2.7
25	16.2	22.0	18.6	89.0	.5	0.0	.5	.7
26	17.4	22.1	18.7	89.0	1.8	3.0	4.8	.9
27	17.3	23.0	20.1	88.0	.7	17.2	17.9	2.8
28	16.7	24.7	20.1	83.7	0.0	.4	.4	5.1
29	17.7	24.5	20.6	80.0	0.0	1.0	1.0	6.4
30	17.7	24.5	20.2	84.0	0.0	0.0	0.0	7.2
31	16.8	25.0	19.6	79.7	0.0	1.4	1.4	4.9
Total :					12.1	108.5	120.6	78.7
Promedio :	16.7	23.7	19.5	84.9				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	24.7	19.8	82.3	.2	9.3	9.5	4.8
2	16.7	24.5	19.9	83.7	0.0	0.0	0.0	4.3
3	17.0	26.5	20.6	78.3	.2	.1	.3	6.0
4	17.5	25.8	20.6	77.7	0.0	8.2	8.2	3.1
5	15.0	23.5	19.1	82.0	1.3	0.0	1.3	1.5
6	16.5	25.0	19.8	78.0	0.0	4.6	4.6	4.8
7	16.0	24.5	19.6	83.0	0.0	8.0	8.0	3.0
8	16.5	21.5	18.4	86.0	1.3	0.0	1.3	.9
9	17.0	24.0	20.2	83.3	0.0	1.2	1.2	4.4
10	16.5	22.0	19.0	89.0	.2	.7	.9	1.0
11	17.2	23.5	19.0	92.0	0.0	11.0	11.0	2.5
12	17.0	23.2	19.5	86.7	0.0	5.3	5.3	4.9
13	16.0	25.2	20.2	80.0	0.0	.4	.4	8.2
14	16.5	25.0	21.0	82.3	0.0	0.0	0.0	6.8
15	17.8	27.5	22.0	75.0	0.0	16.5	16.5	6.7
16	17.5	24.0	20.6	84.0	0.0	.1	.1	3.4
17	18.0	24.5	20.4	85.0	0.0	55.2	55.2	1.0
18	17.0	24.0	19.5	85.0	0.0	1.3	1.3	5.7
19	18.0	24.5	20.4	83.7	0.0	0.0	0.0	6.0
20	17.5	25.5	20.5	75.0	0.0	0.0	0.0	7.7
21	16.5	25.3	21.3	76.7	0.0	6.7	6.7	6.9
22	18.0	25.5	21.2	83.3	1.8	1.9	3.7	4.7
23	19.3	26.0	22.1	81.0	0.0	.1	.1	4.4
24	18.0	26.4	21.6	71.7	0.0	0.0	0.0	4.4
25	18.5	26.0	21.6	73.7	0.0	0.0	0.0	2.2
26	18.1	25.0	20.4	87.7	0.0	0.0	0.0	2.5
27	18.0	28.8	22.0	73.0	0.0	0.0	0.0	8.0
28	17.0	28.9	21.8	65.0	0.0	0.0	0.0	9.2
29								
30								
31								
Total :					5.0	130.6	135.6	129.0
Promedio :	17.1	25.0	20.4	80.9				

Estación : LA TRINIDAD
Año : 1997

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.6	21.8	70.3	0.0	0.0	0.0	5.1
2	19.0	25.5	20.9	78.0	.3	17.3	17.6	2.2
3	18.0	24.3	21.2	83.3	0.0	0.0	0.0	2.2
4	17.5	25.0	20.4	83.7	0.0	6.3	6.3	3.6
5	17.0	23.5	19.8	86.7	2.5	0.0	2.5	.6
6	15.5	25.8	20.8	64.7	0.0	0.0	0.0	9.5
7	15.8	26.5	21.4	63.3	0.0	0.0	0.0	9.8
8	16.0	27.0	22.0	70.7	0.0	0.0	0.0	5.6
9	19.0	27.3	22.3	72.7	0.0	0.0	0.0	5.0
10	17.0	28.6	23.2	66.3	0.0	0.0	0.0	9.4
11	18.5	27.5	22.0	76.7	0.0	0.0	0.0	7.2
12	18.0	26.5	22.0	74.3	0.0	52.4	52.4	3.6
13	16.4	21.8	18.2	95.0	.9	0.0	.9	0.0
14	16.5	25.2	21.0	83.0	0.0	0.0	0.0	6.7
15	17.1	27.8	22.2	78.3	0.0	23.3	23.3	4.5
16	18.0	22.5	19.2	92.3	0.0	26.0	26.0	.2
17	17.2	21.0	18.4	93.7	.3	0.0	.3	0.0
18	17.5	22.5	19.5	90.0	2.5	0.0	2.5	.4
19	17.0	24.0	19.8	81.3	.2	0.0	.2	.8
20	16.2	25.5	19.3	80.0	1.6	0.0	1.6	2.5
21	18.0	22.7	19.8	75.3	0.0	0.0	0.0	1.3
22	16.7	25.5	20.3	74.0	0.0	0.0	0.0	3.3
23	16.5	24.3	19.7	75.3	0.0	0.0	0.0	2.5
24	15.5	25.2	20.6	76.7	0.0	0.0	0.0	1.6
25	16.5	24.5	20.2	80.7	0.0	1.2	1.2	3.1
26	17.5	24.0	20.2	72.0	0.0	0.0	0.0	1.2
27	17.5	24.5	20.6	72.0	0.0	0.0	0.0	5.6
28	17.0	24.9	20.4	77.3	0.0	0.0	0.0	5.0
29	16.2	23.4	20.0	82.3	0.0	0.0	0.0	.7
30	17.0	23.9	19.3	86.7	.2	0.0	.2	.6
31	16.8	22.5	19.3	87.3	0.0	0.0	0.0	.1
Total :					8.5	126.5	135.0	103.9
Promedio :	17.1	24.8	20.5	78.8				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	21.8	18.5	89.7	3.5	0.0	3.5	.7
2	17.0	24.5	20.2	80.0	0.0	7.7	7.7	6.2
3	18.0	23.0	20.8	88.3	0.0	31.8	31.8	1.9
4	16.8	24.1	20.2	87.7	0.0	.4	.4	1.3
5	18.0	23.0	20.0	91.3	0.0	1.1	1.1	2.7
6	16.8	25.0	20.8	84.7	0.0	1.7	1.7	4.1
7	17.7	25.0	20.4	82.7	0.0	.4	.4	3.1
8	18.5	24.5	21.0	83.3	1.8	12.2	14.0	3.2
9	17.2	24.8	20.6	82.3	0.0	5.0	5.0	2.6
10	18.0	24.0	20.5	86.7	2.1	27.8	29.9	2.5
11	18.1	24.5	20.8	86.3	0.0	0.0	0.0	1.8
12	19.2	26.5	21.8	84.7	0.0	0.0	0.0	3.3
13	17.0	26.6	21.5	76.7	0.0	0.0	0.0	6.1
14	17.8	26.2	21 1	87.7	0.0	31.0	31.0	2.8
15	16.0	24.0	20.6	83.3	0.0	0.0	0.0	1.6
16	17.9	25.4	20.3	89.7	9.3	0.0	9.3	1.6
17	18.5	25.7	20.8	84.3	0.0	66.0	66.0	1.7
18	16.5	20.0	18.4	95.0	.1	0.0	.1	0.0
19	17.0	23.4	19.6	84.7	0.0	.4	.4	3.0
20	18.0	21.5	18.6	92.0	33.0	0.0	33.0	.9
21	16.7	21.0	18.5	89.0	1.9	1.4	3.3	.5
22	16.5	23.2	19.4	85.0	.2	0.0	.2	.7
23	16.5	25.5	20.2	84.7	0.0	1.4	1.4	2.3
24	17.1	24.0	20.4	83.3	0.0	0.0	0.0	4.2
25	16.5	23.0	18.2	89.0	22.1	0.0	22.1	0.0
26	16.3	25.0	19.9	88.7	0.0	12.9	12.9	3.7
27	17.6	25.5	20.5	85.7	2.3	.7	3.0	5.5
28	16.7	26.0	20.6	81.0	0.0	0.0	0.0	4.6
29	17.5	26.0	21.6	75.0	0.0	3.0	3.0	7.6
30	17.3	25.0	20.2	81.7	0.0	0.0	0.0	3.4
31								
Total :					76.3	204.9	281.2	83.6
Promedio :	17.3	24.3	20.2	85.5				

Estación : LA TRINIDAD
Año : 1997

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	25.0	20.1	84.0	0.0	0.0	0.0	3.0
2	17.3	24.8	20.5	81.3	0.0	0.0	0.0	6.1
3	15.6	25.0	20.7	77.0	0.0	24.1	24.1	5.7
4	17.0	21.2	19.0	83.7	0.0	0.0	0.0	.2
5	15.0	25.4	20.5	79.3	0.0	.4	.4	8.1
6	18.5	24.0	20.5	84.0	0.0	0.0	0.0	3.5
7	17.5	25.9	20.3	78.7	0.0	0.0	0.0	4.3
8	15.3	26.5	21.4	67.3	0.0	.4	.4	10.9
9	17.8	25.0	21.0	77.3	0.0	0.0	0.0	3.8
10	17.5	25.1	20.5	81.3	0.0	23.9	23.9	6.3
11	16.0	20.5	18.2	89.7	5.2	0.0	5.2	.8
12	15.0	25.0	21.0	81.7	0.0	29.2	29.2	8.5
13	17.0	24.5	20.5	88.0	0.0	14.5	14.5	6.5
14	16.8	21.7	19.0	89.0	4.1	10.1	14.2	1.3
15	17.0	24.0	20.0	89.0	.6	0.0	.6	5.2
16	17.2	24.4	20.7	78.3	0.0	9.3	9.3	10.2
17	17.0	24.0	20.8	86.0	0.0	0.0	0.0	7.7
18	17.2	25.5	21.5	77.3	0.0	0.0	0.0	8.8
19	17.5	24.7	21.5	76.7	0.0	.3	.3	2.7
20	17.7	23.5	19.6	91.7	0.0	0.0	0.0	1.5
21	17.2	25.2	21.7	79.7	0.0	17.0	17.0	6.3
22	18.0	25.0	20.7	84.7	0.0	0.0	0.0	5.1
23	18.1	25.8	22.4	79.0	0.0	0.0	0.0	8.2
24	19.0	25.5	22.0	84.3	0.0	0.0	0.0	6.2
25	18.0	24.4	21.0	80.3	0.0	40.7	40.7	3.3
26	16.8	22.0	18.6	88.0	5.3	8.3	13.6	.3
27	16.6	22.3	19.0	92.7	0.0	0.0	0.0	.8
28	16.5	23.4	20.5	79.0	0.0	.1	.1	3.5
29	18.3	24.0	20.2	86.0	0.0	0.0	0.0	4.6
30	17.1	25.0	20.1	84.7	0.0	0.0	0.0	4.2
31	17.0	23.7	20.4	87.0	0.0	.1	.1	3.2
Total :					15.2	178.4	193.6	150.8
Promedio :	17.1	24.3	20.4	82.8				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.1	23.0	20.4	88.0	0.0	0.0	0.0	2.9
2	16.0	24.0	20.3	79.0	0.0	0.0	0.0	7.2
3	17.5	25.8	21.9	72.3	0.0	2.3	2.3	6.2
4	17.6	23.0	19.8	83.3	9.5	0.0	9.5	0.0
5	17.8	24.0	20.1	85.0	0.0	0.0	0.0	3.4
6	18.0	21.7	19.2	88.0	.5	.8	1.3	0.0
7	17.5	23.0	19.5	89.3	.4	6.9	7.3	.8
8	16.9	23.0	19.2	81.3	0.0	.3	.3	.6
9	17.0	23.8	19.6	82.3	3.8	2.0	5.8	3.7
10	16.5	25.0	20.4	84.0	0.0	41.7	41.7	5.7
11	15.0	24.5	20.4	83.7	0.0	.1	.1	5.3
12	17.5	26.0	20.0	86.3	.2	4.6	4.8	2.9
13	16.0	21.5	19.1	91.0	0.0	0.0	0.0	.7
14	17.2	22.5	19.4	86.0	0.0	0.0	0.0	3.3
15	16.5	24.8	21.0	78.3	0.0	0.0	0.0	7.1
16	17.0	25.0	21.2	83.7	0.0	.2	.2	5.3
17	17.5	25.2	21.2	82.3	0.0	0.0	0.0	7.0
18	16.9	24.0	20.0	81.0	13.2	17.6	30.8	1.5
19	16.5	23.0	19.8	90.0	1.5	.4	1.9	3.4
20	17.5	25.5	20.7	81.7	0.0	0.0	0.0	7.4
21	16.0	25.0	20.3	81.0	0.0	0.0	0.0	5.4
22	16.5	25.2	20.7	79.7	0.0	0.0	0.0	9.2
23	17.8	25.7	21.8	76.0	0.0	0.0	0.0	9.4
24	18.0	23.6	19.6	89.3	0.0	.2	.2	.4
25	17.5	22.5	19.6	88.7	0.0	0.0	0.0	1.1
26	16.7	23.5	18.9	84.7	0.0	.2	.2	.8
27	16.0	23.1	19.4	84.3	0.0	0.0	0.0	2.5
28	16.8	25.0	20.2	81.7	0.0	0.0	0.0	7.9
29	17.0	25.1	20.5	77.7	1.8	5.8	7.6	7.4
30	17.0	23.5	19.8	90.3	0.0	23.1	23.1	1.7
31								
Total :					30.9	106.2	137.1	120.2
Promedio :	17.0	24.0	20.1	83.7				

Estación : LA TRINIDAD
Año : 1997

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	22.0	18.0	92.7	.7	0.0	.7	1.0
2	14.5	25.2	20.4	66.3	0.0	1.5	1.5	11.0
3	15.0	22.5	18.8	80.7	0.0	0.0	0.0	3.4
4	15.6	25.0	20.5	74.3	0.0	0.0	0.0	8.1
5	15.7	23.0	19.2	79.3	0.0	0.0	0.0	1.9
6	15.5	24.5	20.8	72.0	0.0	0.0	0.0	11.1
7	15.5	25.0	20.4	75.7	0.0	0.0	0.0	5.6
8	15.9	24.5	20.2	79.0	0.0	0.0	0.0	6.0
9	16.5	23.0	19.6	82.7	0.0	0.0	0.0	2.4
10	15.5	26.0	20.8	72.7	0.0	0.0	0.0	7.8
11	15.0	25.2	21.0	66.7	0.0	0.0	0.0	9.1
12	16.0	25.7	20.8	64.3	0.0	0.0	0.0	9.6
13	14.5	26.5	21.1	60.0	0.0	0.0	0.0	10.8
14	16.8	26.9	21.0	61.3	0.0	0.0	0.0	8.0
15	15.5	26.5	21.4	67.7	0.0	0.0	0.0	4.9
16	16.0	26.0	21.6	64.0	0.0	0.0	0.0	7.6
17	15.9	26.1	20.7	64.7	0.0	0.0	0.0	10.1
18	15.5	26.8	21.2	63.7	0.0	0.0	0.0	9.1
19	15.0	27.5	22.6	54.0	0.0	0.0	0.0	10.5
20	16.5	27.7	22.1	57.0	0.0	0.0	0.0	11.2
21	15.5	27.0	21.0	59.3	0.0	0.0	0.0	9.4
22	15.5	25.5	20.8	65.3	0.0	0.0	0.0	3.0
23	14.9	27.8	19.4	59.7	0.0	0.0	0.0	9.9
24	15.5	27.4	21.6	61.7	0.0	0.0	0.0	9.2
25	15.7	25.5	20.8	65.3	0.0	0.0	0.0	3.7
26	15.5	27.5	21.8	56.3	0.0	0.0	0.0	10.4
27	15.8	25.3	21.5	60.3	0.0	0.0	0.0	2.6
28	15.7	26.5	21.5	60.0	0.0	0.0	0.0	3.7
29	17.2	26.0	21.2	73.3	0.0	0.0	0.0	5.0
30	17.5	27.2	21.6	73.7	0.0	0.0	0.0	6.5
31	18.0	27.0	22.5	69.0	0.0	7.0	7.0	7.3
Total :					.7	8.5	9.2	219.9
Promedio :	15.8	25.8	20.8	67.8				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	27.4	23.2	59.0	0.0	0.0	0.0	9.4
2	16.0	26.8	20.8	63.3	0.0	0.0	0.0	5.5
3	16.5	26.0	20.8	66.3	0.0	0.0	0.0	8.0
4	15.9	27.5	22.4	54.0	0.0	0.0	0.0	7.9
5	17.0	27.4	22.9	53.3	0.0	0.0	0.0	7.1
6	17.3	25.5	22.2	60.0	0.0	0.0	0.0	5.8
7	16.1	27.7	21.5	56.0	0.0	0.0	0.0	7.5
8	15.5	28.0	22.7	50.0	0.0	0.0	0.0	8.7
9	15.0	24.0	19.7	68.3	0.0	0.0	0.0	2.9
10	16.0	25.5	20.6	62.0	0.0	0.0	0.0	7.4
11	15.5	27.5	21.2	56.0	0.0	0.0	0.0	6.6
12	17.3	28.0	22.0	60.3	0.0	0.0	0.0	5.8
13	17.4	27.2	22.6	59.0	0.0	0.0	0.0	7.6
14	17.0	26.2	20.4	70.3	0.0	0.0	0.0	2.5
15	16.1	28.5	23.9	53.0	0.0	0.0	0.0	9.7
16	16.6	28.0	22.8	60.0	0.0	18.5	18.5	9.2
17	16.0	24.7	20.6	74.7	0.0	0.0	0.0	5.2
18	15.8	26.5	21.8	57.7	0.0	0.0	0.0	8.5
19	18.8	25.0	20.4	73.3	0.0	0.0	0.0	2.6
20	16.0	27.5	21.2	61.3	0.0	0.0	0.0	9.8
21	14.9	28.5	23.0	49.0	0.0	0.0	0.0	8.8
22	17.5	27.7	21.9	57.0	0.0	0.0	0.0	6.2
23	16.5	26.9	21.9	60.3	0.0	.8	.8	6.5
24	16.7	27.5	22.0	66.0	0.0	0.0	0.0	8.7
25	16.0	28.2	22.7	58.0	0.0	0.0	0.0	7.6
26	17.5	28.0	22.6	62.0	0.0	0.0	0.0	5.0
27	16.7	27.5	22.4	53.7	0.0	0.0	0.0	2.2
28	16.0	28.5	21.4	55.7	0.0	0.0	0.0	8.9
29	15.0	28.8	22.3	48.7	0.0	0.0	0.0	11.0
30	16.2	28.5	21.6	60.0	0.0	0.0	0.0	9.2
31	18.5	28.0	22.3	60.7	0.0	.4	.4	6.9
Total :					0.0	19.7	19.7	218.7
Promedio :	16.5	27.2	21.9	59.6				

Estación : LA TRINIDAD
Año : 1997

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.1	27.5	22.0	62.7	10.5	19.2	29.7	4.4
2	17.0	25.5	20.1	79.3	.3	0.0	.3	4.6
3	15.9	26.7	21.6	66.0	0.0	0.0	0.0	9.2
4	16.0	28.4	22.5	64.0	0.0	8.5	8.5	8.4
5	18.0	27.0	22.0	77.3	0.0	32.0	32.0	3.7
6	16.0	25.5	21.0	71.0	0.0	3.9	3.9	7.4
7	18.5	25.0	21.4	79.7	0.0	20.9	20.9	3.9
8	16.0	24.0	19.7	85.0	0.0	7.6	7.6	3.3
9	17.0	25.0	20.8	82.0	0.0	23.1	23.1	5.7
10	16.0	23.5	20.6	81.3	1.0	0.0	1.0	0.0
11	18.0	26.5	22.0	70.3	0.0	0.0	0.0	8.4
12	17.4	27.5	21.8	61.3	0.0	0.0	0.0	6.2
13	16.5	28.0	22.0	68.3	0.0	0.0	0.0	6.5
14	16.5	25.5	21.0	69.3	0.0	0.0	0.0	7.0
15	17.0	26.8	21.2	73.7	0.0	0.0	0.0	8.4
16	16.0	27.3	21.0	64.7	0.0	0.0	0.0	5.6
17	15.0	28.9	21.7	55.7	0.0	0.0	0.0	9.4
18	15.5	27.7	21.1	67.3	0.0	0.0	0.0	7.6
19	17.5	27.6	22.5	72.0	0.0	28.2	28.2	7.5
20	16.3	25.6	20.3	77.7	5.3	0.0	5.3	3.6
21	18.0	25.8	21.6	79.0	1.0	23.1	24.1	4.3
22	17.3	24.7	20.3	81.3	1.9	6.6	8.5	5.3
23	16.8	21.0	18.5	90.7	31.0	.5	31.5	0.0
24	16.7	24.5	20.2	88.0	0.0	34.0	34.0	2.1
25	16.5	24.3	20.7	88.0	10.8	.3	11.1	3.9
26	18.0	25.0	20.6	84.0	0.0	0.0	0.0	7.0
27	17.4	25.2	21.4	76.3	0.0	26.8	26.8	4.4
28	16.0	25.0	20.2	78.0	0.0	0.0	0.0	2.7
29	16.5	26.0	20.7	70.7	0.0	0.0	0.0	9.7
30	16.0	25.2	20.8	75.7	0.0	0.0	0.0	9.7
31								
Total :					61.8	234.7	296.5	169.9
Promedio :	16.8	25.9	21.0	74.7				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	26.0	21.4	74.3	0.0	0.0	0.0	8.1
2	17.8	24.0	20.6	79.3	0.0	0.0	0.0	3.5
3	17.7	23.2	19.9	85.0	0.0	0.0	0.0	.4
4	15.5	26.4	21.0	79.0	0.0	13.3	13.3	7.3
5	16.9	24.5	20.2	85.7	8.5	0.0	8.5	3.4
6	17.0	25.5	20.6	83.3	0.0	0.0	0.0	3.4
7	16.5	25.8	21.7	65.7	0.0	0.0	0.0	7.3
8	15.0	26.5	21.2	61.0	0.0	0.0	0.0	9.2
9	15.4	26.3	21.3	77.7	0.0	5.2	5.2	7.6
10	18.0	24.3	21.0	84.7	0.0	0.0	0.0	4.0
11	17.5	24.5	20.6	80.7	0.0	0.0	0.0	5.2
12	17.0	25.0	20.8	86.0	0.0	13.3	13.3	5.4
13	16.0	22.4	19.0	85.7	31.3	.4	31.7	4.0
14	17.0	25.5	20.2	80.0	0.0	0.0	0.0	4.4
15	16.5	25.0	20.4	79.3	7.8	.6	8.4	1.9
16	16.0	21.0	19.2	87.7	4.7	18.6	23.3	0.0
17	17.5	27.0	21.2	75.7	0.0	2.1	2.1	6.3
18	17.0	24.4	20.3	79.3	0.0	0.0	0.0	2.8
19	16.5	24.0	19.4	85.7	0.0	0.0	0.0	4.6
20	16.5	25.0	20.5	85.7	0.0	0.0	0.0	7.0
21	16.8	25.0	20.6	85.3	0.0	.2	.2	6.2
22	18.5	24.4	21.0	87.3	0.0	0.0	0.0	4.1
23	16.0	24.0	20.9	84.3	0.0	0.0	0.0	4.6
24	17.6	26.5	21.8	77.7	0.0	0.0	0.0	9.7
25	17.5	27.4	22.9	75.3	0.0	0.0	0.0	9.6
26	18.1	27.5	21.8	83.3	0.0	0.0	0.0	5.7
27	17.1	26.0	21.0	83.7	0.0	0.0	0.0	4.1
28	16.5	25.7	20.5	84.7	0.0	.7	.7	4.4
29	17.7	23.0	19.8	84.7	4.3	0.0	4.3	2.4
30	16.6	26.5	21.5	79.0	0.0	0.0	0.0	7.7
31	17.5	26.6	22.1	79.3	0.0	2.5	2.5	6.0
Total :					55.6	56.9	113.5	160.3
Promedio :	16.9	25.1	20.8	80.8				

Estación : LA TRINIDAD
Año : 1997

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	18.0	23.0	19.3	93.3	0.0	0.0	0.0	1.2
2	15.5	25.0	20.4	78.7	0.0	0.0	0.0	6.4
3	17.5	25.5	20.4	81.7	0.0	0.0	0.0	2.3
4	17.2	26.0	21.1	76.3	0.0	0.0	0.0	5.9
5	18.8	24.0	21.0	86.3	0.0	4.4	4.4	2.9
6	17.0	25.0	21.4	84.0	0.0	3.1	3.1	4.8
7	18.0	24.0	20.6	88.3	2.9	0.0	2.9	2.9
8	17.5	22.5	20.1	91.3	.9	.8	1.7	.5
9	16.5	21.0	18.1	94.3	15.7	2.3	18.0	0.0
10	17.0	22.0	19.4	89.7	0.0	0.0	0.0	.4
11	17.8	24.7	20.8	84.0	0.0	.4	.4	4.5
12	17.5	25.2	21.1	85.0	0.0	0.0	0.0	6.9
13	17.0	25.5	20.4	83.3	0.0	.6	.6	5.9
14	16.3	21.5	17.8	88.3	24.0	6.2	30.2	0.0
15	16.0	23.0	18.7	85.0	1.2	0.0	1.2	1.9
16	15.8	24.0	19.2	82.3	0.0	0.0	0.0	3.4
17	16.5	25.0	20.2	87.0	0.0	28.4	28.4	5.7
18	17.0	24.0	20.0	91.3	0.0	0.0	0.0	3.3
19	16.7	23.5	20.2	83.7	0.0	2.1	2.1	3.7
20	16.8	22.5	19.6	91.3	0.0	3.6	3.6	1.9
21	17.0	24.0	20.0	85.7	0.0	0.0	0.0	5.0
22	16.5	25.5	21.5	80.3	0.0	0.0	0.0	7.6
23	17.5	25.2	21.6	73.0	0.0	0.0	0.0	8.2
24	17.0	24.5	20.0	85.3	0.0	0.0	0.0	4.6
25	17.2	25.5	21.0	83.7	0.0	.3	.3	4.9
26	17.0	23.5	18.6	90.0	.6	0.0	.6	.2
27	17.5	22.7	19.8	87.0	1.1	.1	1.2	.3
28	15.5	25.5	21.1	78.7	0.0	0.0	0.0	6.8
29	16.8	24.7	20.7	84.0	0.0	0.0	0.0	4.9
30	17.0	25.0	20.2	84.7	0.0	0.0	0.0	2.0
31								
Total :					46.4	52.3	98.7	109.0
Promedio :	17.0	24.1	20.1	85.2				

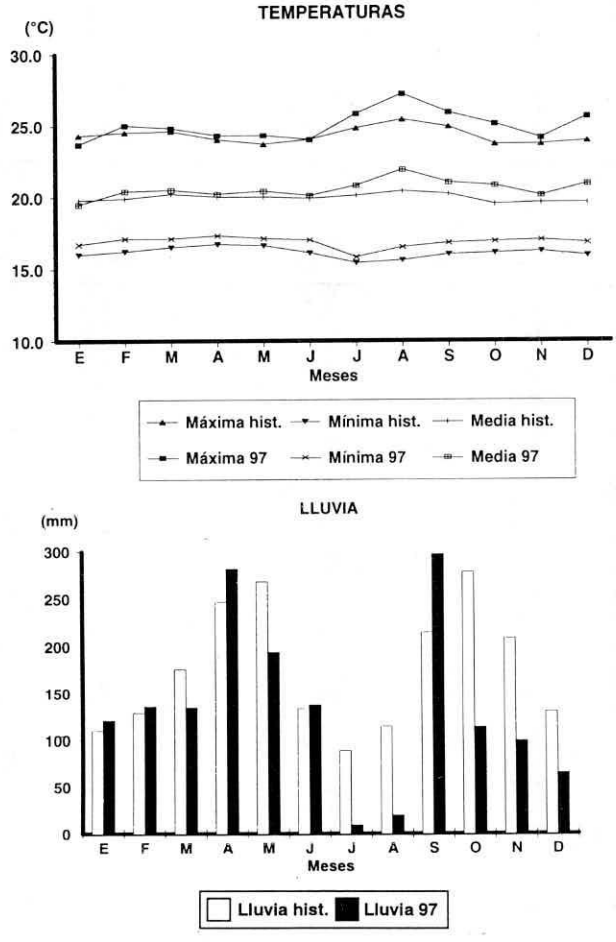
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.7	23.5	19.3	89.3	0.0	0.0	0.0	.2
2	17.5	25.5	21.1	84.0	0.0	3.5	3.5	2.4
3	16.0	25.0	20.6	82.0	0.0	0.0	0.0	8.0
4	14.9	24.8	20.6	78.0	0.0	0.0	0.0	6.6
5	16.5	25.6	21.4	74.3	0.0	0.0	0.0	7.4
6	18.0	26.2	21.6	78.3	0.0	0.0	0.0	4.6
7	17.0	26.5	21.8	71.0	0.0	0.0	0.0	8.0
8	16.0	27.5	20.8	71.7	0.0	0.0	0.0	7.6
9	16.0	27.2	21.8	73.0	0.0	0.0	0.0	8.4
10	16.0	26.5	21.7	78.7	0.0	.2	.2	6.5
11	18.0	26.5	21.7	81.0	0.0	0.0	0.0	6.0
12	17.5	27.0	20.4	84.7	0.0	0.0	0.0	3.9
13	17.4	26.5	21.4	85.3	0.0	0.0	0.0	5.4
14	18.0	25.0	21.3	81.0	0.0	13.6	13.6	3.1
15	17.2	23.0	19.6	89.0	0.0	0.0	0.0	.2
16	16.8	22.0	19.6	83.7	0.0	0.0	0.0	.2
17	17.5	24.5	20.4	83.0	0.0	0.0	0.0	3.8
18	16.0	25.0	20.2	78.7	0.0	.1	.1	3.4
19	16.2	26.0	20.4	80.3	0.0	0.0	0.0	4.8
20	16.5	24.5	20.2	79.0	0.0	0.0	0.0	2.2
21	16.6	24.7	20.3	80.0	0.0	0.0	0.0	2.8
22	17.0	25.5	20.7	73.0	0.0	0.0	0.0	6.7
23	15.0	27.0	21.2	65.3	0.0	0.0	0.0	8.9
24	16.5	26.5	21.2	72.0	0.0	0.0	0.0	5.4
25	16.4	27.5	21.6	67.3	0.0	0.0	0.0	7.8
26	16.5	27.7	21.4	73.7	0.0	0.0	0.0	7.0
27	16.5	27.0	21.8	68.3	0.0	0.0	0.0	7.7
28	16.7	26.0	21.1	77.7	0.0	0.0	0.0	5.8
29	18.0	25.8	21.0	74.3	0.0	.2	.2	6.2
30	17.0	22.8	19.8	87.0	1.1	0.0	1.1	.4
31	16.5	25.0	21.0	82.3	0.0	46.3	46.3	5.2
Total :					1.1	63.9	65.0	156.6
Promedio :	16.8	25.6	20.9	78.3				

Estación : LA TRINIDAD
Año : 1997

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 'N
Longitud : 75 ° 3 'W
Altitud : 1430 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.7	23.7	19.5	25.0	14.5	84.9	120.6	19	78.7
Febrero	17.1	25.0	20.4	28.9	15.0	80.9	135.6	19	129.0
Marzo	17.1	24.8	20.5	28.6	15.5	78.8	135.0	13	103.9
Abril	17.3	24.3	20.2	26.6	16.0	85.5	281.2	23	83.6
Mayo	17.1	24.3	20.4	26.5	15.0	82.8	193.6	16	150.8
Junio	17.0	24.0	20.1	26.0	15.0	83.7	137.1	16	120.2
Julio	15.8	25.8	20.8	27.8	14.5	67.8	9.2	3	219.9
Agosto	16.5	27.2	21.9	28.8	14.9	59.6	19.7	3	218.7
Septiembre	16.8	25.9	21.0	28.9	15.0	74.7	296.5	17	169.9
Octubre	16.9	25.1	20.8	27.5	15.0	80.8	113.5	12	160.3
Noviembre	17.0	24.1	20.1	26.0	15.5	85.2	98.7	15	109.0
Diciembre	16.8	25.6	20.9	27.7	14.9	78.3	65.0	7	156.6
Promedio :	16.8	25.0	20.5			78.6			
Absoluta :				28.9	14.5				
Total :							1605.7	163	1700.6



Estación : CHAPETON
Año : 1997

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	23.0	19.5	87.3	8.5	0.0	8.5	1.0
2	14.0	24.3	19.6	86.7	0.0	39.2	39.2	5.4
3	17.3	22.0	19.3	87.0	.1	0.0	.1	.1
4	17.4	23.8	19.8	83.7	.1	0.0	.1	2.7
5	14.8	24.0	19.4	84.0	0.0	0.0	0.0	4.3
6	14.9	24.5	19.4	84.3	0.0	0.0	0.0	3.0
7	16.1	26.2	20.3	75.7	0.0	0.0	0.0	5.1
8	16.0	26.1	20.4	78.7	0.0	0.0	0.0	4.3
9	16.8	24.0	19.0	82.7	1.4	0.0	1.4	.5
10	15.7	24.2	20.0	81.7	0.0	2.5	2.5	.3
11	17.1	22.5	18.8	90.3	26.0	.1	26.1	1.2
12	17.0	23.1	20.0	84.0	0.0	7.5	7.5	1.7
13	17.5	24.9	19.6	83.7	25.7	0.0	25.7	3.6
14	15.1	25.0	19.7	79.7	0.0	0.0	0.0	4.1
15	15.0	24.8	20.4	80.3	.1	.5	.6	3.4
16	17.0	23.7	19.6	88.0	4.6	5.2	9.8	1.6
17	17.1	23.9	19.5	85.0	10.7	1.1	11.8	1.1
18	15.1	23.0	19.6	84.0	0.0	0.0	0.0	4.0
19	16.0	25.2	19.0	86.0	0.0	0.0	0.0	2.9
20	16.9	23.0	19.4	83.3	1.2	.2	1.4	0.0
21	17.0	22.9	19.0	83.7	3.8	.1	3.9	.9
22	15.0	23.8	19.3	84.0	0.0	18.5	18.5	4.6
23	16.7	23.4	19.6	86.7	3.0	1.0	4.0	3.6
24	16.0	23.6	20.1	83.3	0.0	7.1	7.1	5.2
25	17.0	24.8	19.8	85.7	0.0	6.3	6.3	4.1
26	16.7	23.1	18.6	88.0	.3	0.0	.3	1.4
27	16.4	24.6	19.9	84.7	.1	0.0	.1	3.3
28	16.0	25.8	20.2	80.3	0.0	0.0	0.0	6.1
29	15.8	25.6	19.7	83.7	0.0	0.0	0.0	5.7
30	14.5	26.0	20.0	79.0	1.6	0.0	1.6	4.8
31	17.0	26.2	20.1	83.3	.3	0.0	.3	5.5
Total :					87.5	89.3	176.8	95.5
Promedio :	16.2	24.2	19.6	83.8				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	25.0	20.0	86.3	0.0	0.0	0.0	4.4
2	16.8	26.4	19.8	82.7	0.0	0.0	0.0	6.5
3	17.1	25.9	21.2	74.7	0.0	.9	.9	6.7
4	14.5	24.8	19.4	83.0	0.0	0.0	0.0	3.9
5	17.0	23.0	19.6	85.7	0.0	0.0	0.0	.9
6	15.0	24.7	20.2	79.3	0.0	14.9	14.9	6.0
7	16.9	23.1	18.6	89.7	31.4	.7	32.1	1.6
8	16.5	24.1	18.8	85.7	8.8	0.0	8.8	1.8
9	15.5	25.1	20.4	82.3	0.0	30.4	30.4	4.0
10	16.4	23.0	19.6	85.3	.5	35.3	35.8	2.7
11	17.6	24.0	19.6	84.0	5.7	12.1	17.8	2.1
12	17.0	24.9	20.0	84.3	14.3	10.3	24.6	2.7
13	15.8	26.9	20.3	82.0	0.0	0.0	0.0	6.0
14	17.1	26.5	21.7	76.0	0.0	0.0	0.0	3.2
15	17.0	27.5	21.8	76.0	0.0	35.3	35.3	7.7
16	18.0	24.5	20.5	83.3	1.7	0.0	1.7	.2
17	17.0	25.3	20.0	80.7	.3	0.0	.3	2.7
18	16.6	24.0	20.0	83.0	0.0	0.0	0.0	1.8
19	17.0	25.3	20.3	82.3	0.0	0.0	0.0	4.2
20	16.0	27.5	21.1	68.7	0.0	0.0	0.0	7.0
21	15.8	27.3	21.3	75.7	0.0	0.0	0.0	8.1
22	18.1	28.0	22.8	73.7	0.0	0.0	0.0	5.9
23	18.0	27.2	21.3	76.7	0.0	0.0	0.0	3.3
24	17.5	27.4	21.5	74.3	0.0	0.0	0.0	4.1
25	17.8	28.0	22.1	72.0	0.0	0.0	0.0	5.1
26	18.0	25.8	20.6	82.0	0.0	0.0	0.0	1.9
27	16.8	27.6	21.8	73.7	0.0	0.0	0.0	5.6
28	16.0	27.5	20.7	70.3	0.0	0.0	0.0	7.7
29								
30								
31								
Total :					62.7	139.9	202.6	117.8
Promedio :	16.8	25.7	20.5	79.8				

Estación : CHAPETON
Año : 1997

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	26.0	20.8	75.0	0.0	0.0	0.0	4.2
2	17.7	26.4	21.2	80.7	.7	0.0	.7	2.6
3	16.4	26.6	21.0	81.3	1.8	7.8	9.6	4.5
4	17.0	24.5	20.2	86.0	.3	4.0	4.3	2.0
5	17.5	26.0	20.5	74.3	0.0	0.0	0.0	1.0
6	14.2	26.8	19.7	71.3	0.0	0.0	0.0	9.4
7	15.0	29.0	20.6	64.3	0.0	0.0	0.0	9.4
8	16.2	28.5	21.2	74.0	0.0	0.0	0.0	7.4
9	17.7	27.7	21.0	75.0	0.0	0.0	0.0	5.5
10	18.1	29.0	22.9	67.3	0.0	0.0	0.0	8.2
11	17.9	28.0	21.9	72.7	0.0	0.0	0.0	8.4
12	17.5	28.9	22.2	72.7	.1	25.2	25.3	5.2
13	17.6	22.3	19.0	88.3	4.9	2.2	7.1	0.0
14	15.5	27.0	21.4	81.7	.2	0.0	.2	7.9
15	18.1	26.0	21.5	78.7	1.1	0.0	1.1	3.0
16	17.5	25.0	19.9	89.3	1.2	28.5	29.7	2.3
17	17.2	21.8	19.7	89.7	.9	1.5	2.4	0.0
18	18.0	22.9	20.1	83.3	6.1	0.0	6.1	.5
19	17.0	22.0	19.0	91.7	2.3	0.0	2.3	.2
20	14.7	24.1	19.0	86.0	.4	0.0	.4	4.6
21	15.5	25.0	19.2	88.3	1.3	0.0	1.3	1.7
22	14.0	25.5	20.2	81.3	0.0	0.0	0.0	7.1
23	17.5	24.8	20.4	82.7	0.0	1.0	1.0	4.1
24	16.0	25.2	19.8	80.7	0.0	0.0	0.0	5.9
25	15.0	26.0	20.1	77.0	0.0	0.0	0.0	6.8
26	14.8	25.0	20.8	79.7	0.0	0.0	0.0	4.0
27	16.5	26.5	21.3	73.3	0.0	0.0	0.0	5.8
28	15.9	25.0	20.0	81.0	8.9	0.0	8.9	5.3
29	17.4	24.8	20.1	81.0	4.3	0.0	4.3	2.6
30	17.0	23.0	18.3	86.0	1.3	0.0	1.3	0.0
31	16.0	25.0	20.4	77.3	13.1	0.0	13.1	2.4
Total					48.9	70.2	119.1	132.0
Promedio	16.5	25.6	20.4	79.7				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	24.5	19.4	81.7	16.1	0.0	16.1	2.3
2	14.5	25.2	20.3	81.3	0.0	0.0	0.0	5.3
3	17.3	25.9	20.2	81.3	2.7	3.0	5.7	2.8
4	17.0	24.0	20.0	88.7	3.0	0.0	3.0	1.2
5	16.0	25.9	20.2	83.7	0.0	0.0	0.0	3.9
6	16.7	25.0	20.4	76.3	36.8	.3	37.1	5.4
7	16.9	26.9	21.5	77.3	0.0	.6	.6	6.1
8	18.9	25.8	20.7	86.3	4.4	48.5	52.9	2.9
9	18.0	26.2	21.1	78.7	.6	2.6	3.2	4.6
10	18.2	25.5	21.3	86.0	10.9	5.9	16.8	2.1
11	18.5	25.8	21.6	81.0	7.4	.1	7.5	2.5
12	18.0	26.0	21.8	83.0	0.0	0.0	0.0	3.5
13	17.0	27.2	22.0	66.3	0.0	.3	.3	4.8
14	17.6	26.1	21.1	78.3	0.0	10.7	10.7	1.3
15	17.5	25.0	20.9	80.3	0.0	0.0	0.0	0.0
16	16.8	26.8	21.3	76.7	0.0	0.0	0.0	2.4
17	17.0	26.2	21.0	81.0	0.0	10.0	10.0	4.7
18	17.4	23.4	19.6	87.7	2.5	0.0	2.5	1.2
19	17.1	25.0	20.6	82.0	0.0	0.0	0.0	1.9
20	17.4	24.0	19.7	88.3	14.8	17.1	31.9	.8
21	17.5	22.9	19.0	88.0	8.4	.5	8.9	1.3
22	16.6	23.0	19.2	92.0	4.2	1.6	5.8	.5
23	15.9	25.5	19.9	82.7	14.2	0.0	14.2	3.2
24	17.3	25.0	20.4	76.7	0.0	0.0	0.0	3.4
25	15.6	26.1	18.2	89.7	8.2	0.0	8.2	0.0
26	14.5	24.5	19.5	86.7	0.0	.7	.7	6.8
27	17.0	25.0	20.5	81.7	.4	2.0	2.4	4.1
28	16.5	25.4	20.6	84.7	.5	23.0	23.5	4.7
29	16.9	26.9	20.5	81.3	0.0	.4	.4	9.1
30	17.8	27.2	20.7	76.3	0.0	0.0	0.0	4.4
31								
Total					135.1	127.3	262.4	97.2
Promedio	17.0	25.4	20.4	82.2				

Estación : CHAPETON
Año : 1997

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.9	26.0	20.3	81.0	0.0	0.0	0.0	5.0
2	16.7	26.2	20.5	76.0	0.0	0.0	0.0	6.5
3	16.0	27.5	20.7	73.7	0.0	5.2	5.2	4.8
4	17.9	24.5	20.3	81.0	0.0	0.0	0.0	1.2
5	14.5	26.2	21.6	78.7	0.0	.5	.5	7.3
6	17.9	26.4	21.3	75.0	0.0	0.0	0.0	4.7
7	18.0	26.5	20.8	79.3	0.0	0.0	0.0	4.0
8	15.4	28.5	21.4	70.3	0.0	.3	.3	9.9
9	18.0	26.5	21.2	76.3	0.0	1.2	1.2	5.3
10	16.8	27.5	21.3	77.3	0.0	30.6	30.6	8.4
11	17.0	21.9	18.2	91.0	4.0	0.0	4.0	.2
12	15.0	26.0	20.6	77.0	0.0	9.6	9.6	7.1
13	17.0	26.1	21.1	79.0	0.0	0.0	0.0	7.6
14	17.1	25.9	21.3	80.0	.5	0.0	.5	4.3
15	17.2	26.5	21.0	80.0	0.0	0.0	0.0	5.0
16	16.0	27.7	21.6	75.0	0.0	0.0	0.0	10.0
17	17.2	27.0	22.3	73.7	0.0	1.3	1.3	6.9
18	17.5	27.4	21.7	77.7	0.0	0.0	0.0	5.8
19	17.4	27.0	20.7	74.7	0.0	0.0	0.0	5.5
20	18.0	25.5	21.2	78.3	0.0	0.0	0.0	.9
21	16.6	26.8	21.6	76.0	0.0	4.1	4.1	3.7
22	17.5	27.0	22.0	77.3	0.0	0.0	0.0	5.0
23	17.0	27.9	22.0	74.3	0.0	0.0	0.0	6.2
24	18.0	27.2	21.9	73.7	0.0	0.0	0.0	3.0
25	18.1	27.0	22.6	73.3	0.0	4.7	4.7	1.5
26	18.2	24.2	20.0	87.0	3.3	28.2	31.5	0.0
27	17.0	24.0	20.9	83.7	6.0	0.0	6.0	3.6
28	15.5	26.0	20.6	80.7	0.0	1.6	1.6	5.3
29	16.0	25.5	20.4	80.0	0.0	0.0	0.0	3.8
30	16.5	25.3	21.0	78.7	0.0	0.0	0.0	3.3
31	15.4	26.5	21.8	73.0	0.0	2.1	2.1	4.5
Total					13.8	89.4	103.2	150.3
Promedio	16.8	26.3	21.1	77.8				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.5	18.9	93.7	20.9	0.0	20.9	1.7
2	15.5	27.0	21.6	75.0	0.0	0.0	0.0	5.2
3	16.0	27.5	22.1	71.0	0.0	0.0	0.0	5.8
4	17.2	24.0	21.2	77.3	2.8	0.0	2.8	0.0
5	17.5	25.0	21.3	72.7	0.0	12.4	12.4	6.3
6	16.5	23.0	20.0	88.3	6.7	0.0	6.7	1.4
7	16.0	24.0	19.8	85.3	4.0	31.1	35.1	2.4
8	17.0	22.5	19.4	88.7	8.6	2.0	10.6	.5
9	16.0	25.0	20.0	81.3	3.6	1	3.7	4.4
10	16.0	26.5	21.1	80.0	0.0	25.2	25.2	8.4
11	17.0	26.0	21.2	79.7	0.0	0.0	0.0	6.9
12	17.2	25.0	20.9	78.0	0.0	1.5	1.5	3.8
13	16.7	23.5	18.8	91.7	18.6	.2	18.8	1.0
14	16.0	26.5	21.0	69.3	0.0	0.0	0.0	7.2
15	14.5	25.5	21.0	77.0	0.0	2.5	2.5	5.7
16	16.0	26.5	20.6	84.7	7.7	0.0	7.7	3.7
17	17.0	25.5	21.0	80.7	0.0	0.0	0.0	6.0
18	16.9	25.0	21.0	81.3	.5	26.5	27.0	3.0
19	16.0	24.5	19.8	83.0	3.8	0.0	3.8	5.7
20	16.5	26.0	21.3	76.0	0.0	0.0	0.0	8.6
21	14.0	25.9	20.5	81.3	0.0	0.0	0.0	9.8
22	15.0	26.0	21.0	77.7	0.0	0.0	0.0	7.6
23	17.0	27.5	21.7	74.3	0.0	0.0	0.0	5.8
24	17.2	25.0	20.2	82.3	0.0	2.0	2.0	.3
25	17.0	24.5	20.6	82.7	0.0	5.6	5.6	4.4
26	17.5	25.0	20.2	82.7	1.0	0.0	1.0	1.7
27	15.5	24.5	20.3	80.0	0.0	0.0	0.0	7.1
28	15.0	27.0	20.3	72.0	0.0	0.0	0.0	10.1
29	16.6	27.8	21.0	75.3	0.0	3.4	3.4	9.2
30	17.5	26.0	20.9	77.3	0.0	8.1	8.1	6.0
31								
Total					78.2	120.6	198.8	149.7
Promedio	16.4	25.4	20.6	80.0				

Estación : CHAPETON
Año : 1997

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	24.0	19.7	83.7	1.1	0.0	1.1	3.7
2	14.5	27.0	19.6	71.7	0.0	0.0	0.0	9.8
3	15.0	25.0	20.3	75.7	0.0	0.0	0.0	6.1
4	16.5	26.5	21.6	72.7	0.0	0.0	0.0	6.5
5	15.0	25.5	20.6	71.3	0.0	0.0	0.0	1.1
6	14.8	27.0	21.8	66.7	0.0	0.0	0.0	7.0
7	16.5	26.0	20.7	70.3	0.0	0.0	0.0	4.3
8	15.0	25.0	20.9	71.3	0.0	0.0	0.0	4.3
9	16.0	25.5	20.6	69.0	0.0	.5	.5	.9
10	17.0	26.5	21.0	70.7	0.0	0.0	0.0	7.0
11	16.5	27.0	21.6	72.3	0.0	0.0	0.0	2.5
12	17.0	25.0	21.4	64.0	0.0	0.0	0.0	.2
13	14.5	28.5	20.9	69.7	0.0	0.0	0.0	10.0
14	16.0	26.0	20.9	70.0	0.0	0.0	0.0	.1
15	14.0	27.5	20.8	73.0	.3	.2	.5	6.0
16	16.0	27.0	22.0	68.7	0.0	0.0	0.0	5.3
17	15.9	28.0	22.0	61.0	0.0	0.0	0.0	5.8
18	17.5	28.1	22.0	62.3	0.0	0.0	0.0	5.7
19	16.0	29.0	21.6	57.3	0.0	0.0	0.0	7.1
20	15.5	28.5	21.7	69.0	0.0	0.0	0.0	7.9
21	14.5	27.5	20.9	72.0	0.0	0.0	0.0	6.4
22	16.5	26.0	21.8	64.7	0.0	0.0	0.0	2.3
23	16.5	28.5	22.2	63.3	0.0	0.0	0.0	6.7
24	17.5	28.8	21.4	68.0	0.0	0.0	0.0	3.6
25	17.0	25.5	20.6	75.7	0.0	0.0	0.0	0.0
26	15.0	27.5	21.8	56.7	0.0	0.0	0.0	4.1
27	16.0	26.6	21.3	69.3	0.0	0.0	0.0	0.0
28	17.0	29.5	22.4	61.0	0.0	0.0	0.0	3.9
29	16.5	27.0	21.4	74.0	0.0	0.0	0.0	4.6
30	16.8	28.0	21.3	74.7	0.0	0.0	0.0	5.5
31	18.1	30.0	22.8	66.7	0.0	.2	.2	7.0
Total :					1.4	.9	2.3	145.4
Promedio :	16.1	27.0	21.3	68.9				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	29.8	22.9	61.3	0.0	0.0	0.0	10.0
2	16.0	28.0	21.6	69.7	0.0	0.0	0.0	2.6
3	16.6	28.4	21.2	62.3	0.0	0.0	0.0	2.4
4	15.4	28.9	21.7	63.3	0.0	0.0	0.0	5.4
5	17.5	29.0	22.8	56.3	0.0	0.0	0.0	3.4
6	18.7	27.6	22.5	60.7	0.0	0.0	0.0	3.7
7	16.0	28.4	21.6	64.7	0.0	0.0	0.0	4.1
8	17.9	28.9	23.6	46.3	0.0	0.0	0.0	6.1
9	18.0	24.2	20.6	67.0	0.0	0.0	0.0	0.0
10	17.5	26.5	21.2	65.7	0.0	0.0	0.0	2.0
11	14.5	28.8	21.6	69.3	0.0	0.0	0.0	6.0
12	14.8	28.4	22.5	62.3	0.0	0.0	0.0	7.4
13	17.4	27.5	22.3	62.3	0.0	.6	.6	2.6
14	17.5	28.0	21.8	69.3	0.0	0.0	0.0	3.1
15	15.0	29.9	23.6	54.3	0.0	0.0	0.0	7.0
16	16.0	29.8	23.0	60.7	.1	9.0	9.1	8.2
17	17.0	27.8	21.6	72.0	0.0	0.0	0.0	7.2
18	15.4	29.8	22.0	61.7	0.0	0.0	0.0	8.6
19	16.4	27.2	21.6	65.7	0.0	0.0	0.0	4.1
20	17.1	28.9	21.6	60.7	0.0	0.0	0.0	8.3
21	14.9	29.9	22.3	50.7	0.0	0.0	0.0	10.3
22	16.5	28.1	21.3	65.7	0.0	0.0	0.0	5.1
23	15.6	28.3	22.1	66.7	0.0	0.0	0.0	3.7
24	17.0	29.9	22.8	60.7	0.0	0.0	0.0	9.9
25	16.0	31.6	23.5	60.3	0.0	0.0	0.0	10.2
26	18.5	28.9	23.4	63.3	0.0	0.0	0.0	1.9
27	20.2	26.8	22.4	56.0	0.0	0.0	0.0	0.0
28	16.8	28.6	22.0	55.3	0.0	0.0	0.0	4.4
29	15.0	30.2	22.4	53.0	0.0	0.0	0.0	10.1
30	13.9	28.7	21.2	64.3	0.0	0.0	0.0	10.0
31	15.5	29.8	22.5	64.7	0.0	0.0	0.0	4.2
Total :					.1	9.6	9.7	172.0
Promedio :	16.5	28.6	22.2	61.8				

Estación : CHAPETON
Año : 1997

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	29.3	22.7	64.3	0.0	0.0	0.0	5.1
2	17.6	26.2	21.8	74.3	0.0	0.0	0.0	1.8
3	14.5	28.8	21.9	66.7	0.0	0.0	0.0	8.0
4	15.0	29.5	23.0	63.3	0.0	0.0	0.0	10.0
5	18.3	28.6	22.3	69.0	0.0	35.5	35.5	6.5
6	17.0	28.7	21.8	75.3	0.0	.3	.3	8.7
7	16.8	27.0	21.0	83.0	10.3	20.4	30.7	3.7
8	16.5	28.0	21.3	80.3	0.0	7.9	7.9	7.4
9	17.3	28.2	20.2	83.7	6.1	.5	6.6	4.8
10	17.5	28.9	22.4	74.3	0.0	0.0	0.0	5.1
11	17.0	29.0	22.5	63.7	0.0	0.0	0.0	5.9
12	16.0	28.0	22.0	61.7	0.0	0.0	0.0	4.7
13	16.4	29.0	22.0	65.0	0.0	0.0	0.0	5.4
14	15.0	28.0	21.8	66.0	0.0	0.0	0.0	4.5
15	16.2	29.0	21.8	67.3	0.0	0.0	0.0	3.3
16	16.1	28.8	23.2	59.7	0.0	0.0	0.0	3.7
17	15.0	30.4	22.6	54.3	0.0	0.0	0.0	8.4
18	16.0	27.1	20.6	69.3	0.0	0.0	0.0	4.7
19	15.8	28.3	22.7	65.0	0.0	1.0	1.0	6.7
20	17.7	25.1	21.2	80.3	8.2	0.0	8.2	3.5
21	16.0	27.5	21.1	75.0	0.0	4.8	4.8	8.2
22	17.1	26.9	21.4	81.0	0.0	2.8	2.8	5.6
23	17.5	22.7	19.1	93.7	27.5	0.0	27.5	1.2
24	16.6	25.0	20.4	84.7	1.4	1.1	2.5	2.6
25	16.8	26.5	20.9	82.7	0.0	0.0	0.0	2.6
26	16.5	26.4	21.1	70.3	0.0	0.0	0.0	3.1
27	16.3	26.0	20.6	76.0	0.0	0.0	0.0	4.1
28	17.7	27.3	21.4	66.3	0.0	0.0	0.0	4.3
29	15.0	29.0	22.6	57.0	0.0	0.0	0.0	8.6
30	15.0	26.9	19.9	80.0	0.0	0.0	0.0	6.4
31								
Total :					53.5	74.3	127.8	158.6
Promedio :	16.4	27.7	21.6	71.8				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	28.8	22.2	66.3	0.0	0.0	0.0	7.8
2	18.8	27.5	21.9	75.0	0.0	.6	.6	3.5
3	17.7	27.0	21.4	74.0	0.0	0.0	0.0	.6
4	15.0	29.9	22.4	59.7	0.0	1.7	1.7	8.6
5	17.6	27.4	21.5	78.0	.6	0.0	.6	5.9
6	16.8	27.0	21.6	71.7	0.0	0.0	0.0	4.1
7	16.2	28.9	21.2	64.0	0.0	0.0	0.0	5.2
8	15.2	29.9	21.9	59.3	0.0	0.0	0.0	7.5
9	14.0	28.6	21.2	64.0	0.0	.2	.2	7.9
10	16.4	28.2	20.8	81.7	0.0	.3	.3	5.8
11	18.0	26.5	21.4	80.3	0.0	0.0	0.0	5.8
12	16.2	27.4	21.5	80.0	0.0	23.7	23.7	6.1
13	17.4	24.4	20.0	87.3	2.1	0.0	2.1	2.9
14	16.2	26.0	21.1	81.3	0.0	0.0	0.0	5.6
15	16.0	26.2	20.0	85.3	9.0	.9	9.9	4.7
16	17.6	23.2	20.0	83.0	2.4	.2	2.6	.5
17	17.0	23.8	20.2	88.0	1.9	7.6	9.5	1.6
18	17.7	24.2	20.9	86.0	.6	2.7	3.3	1.9
19	17.0	23.8	20.0	85.7	0.0	0.0	0.0	4.7
20	15.2	26.9	20.8	81.7	0.0	4.6	4.6	8.0
21	18.2	25.9	20.6	82.3	.4	.1	.5	4.6
22	18.0	25.6	20.5	82.3	.5	0.0	.5	3.7
23	16.8	27.2	21.4	79.0	0.0	0.0	0.0	8.4
24	16.7	28.0	21.7	78.0	0.0	0.0	0.0	8.0
25	16.9	29.0	22.4	73.3	0.0	0.0	0.0	7.7
26	17.0	27.5	22.5	78.7	0.0	0.0	0.0	6.7
27	16.7	25.8	19.1	89.7	12.5	0.0	12.5	1.9
28	15.5	26.2	21.2	80.0	0.0	0.0	0.0	5.3
29	16.3	25.2	21.0	84.0	7.0	0.0	7.0	5.0
30	14.9	26.9	20.4	81.3	0.0	0.0	0.0	7.5
31	15.8	27.0	20.8	71.7	0.0	0.0	0.0	5.3
Total :					37.0	42.6	79.6	162.8
Promedio :	16.6	26.8	21.1	77.8				

Estación : CHAPETON
Año : 1997

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	24.8	19.4	88.0	12.9	0.0	12.9	1.2
2	14.5	28.2	20.8	73.0	0.0	0.0	0.0	7.5
3	17.6	27.2	22.2	69.0	0.0	0.0	0.0	2.2
4	17.4	27.4	22.0	73.7	0.0	0.0	0.0	4.8
5	17.5	26.4	21.2	77.7	0.0	0.0	0.0	3.8
6	18.8	28.7	22.5	69.0	0.0	0.0	0.0	7.4
7	18.8	25.0	20.8	86.7	.7	0.0	.7	1.5
8	17.4	23.2	20.0	87.7	3.7	0.0	3.7	.4
9	17.6	24.2	19.9	75.0	19.6	1.2	20.8	.7
10	17.5	24.9	20.7	84.3	1.1	.7	1.8	2.6
11	17.4	26.2	21.6	81.7	0.0	1.8	1.8	6.8
12	15.2	25.4	21.4	84.7	1.7	0.0	1.7	5.7
13	16.0	25.0	20.6	80.0	.2	0.0	.2	3.5
14	15.1	23.8	19.6	91.0	5.2	0.0	5.2	1.0
15	15.2	22.6	19.2	89.3	.8	31.3	32.1	1.2
16	16.4	23.6	19.7	86.3	0.0	0.0	0.0	1.6
17	16.2	26.0	20.8	81.0	0.0	3.5	3.5	3.2
18	17.6	26.2	21.0	82.3	0.0	0.0	0.0	4.2
19	16.3	25.0	19.8	83.7	1.1	5.2	6.3	3.4
20	16.4	24.8	20.4	84.0	7.4	45.0	52.4	2.4
21	17.4	25.0	20.4	83.3	3.1	0.0	3.1	4.2
22	16.2	26.4	21.5	80.7	0.0	0.0	0.0	9.1
23	16.2	27.6	22.3	75.7	0.0	.4	.4	9.2
24	16.4	25.2	21.4	84.0	.1	0.0	.1	3.0
25	16.2	24.8	20.3	87.0	10.9	0.0	10.9	3.1
26	16.0	22.4	19.8	92.3	.3	0.0	.3	1.6
27	16.4	23.8	20.5	91.0	.2	0.0	.2	1.9
28	15.2	25.2	21.4	82.0	.8	0.0	.8	5.3
29	16.2	26.0	21.4	82.7	0.0	0.0	0.0	3.5
30	16.4	25.1	21.3	81.7	0.0	0.0	0.0	4.4
31								
Total :					69.8	89.1	158.9	110.4
Promedio :	16.6	25.3	20.8	82.3				

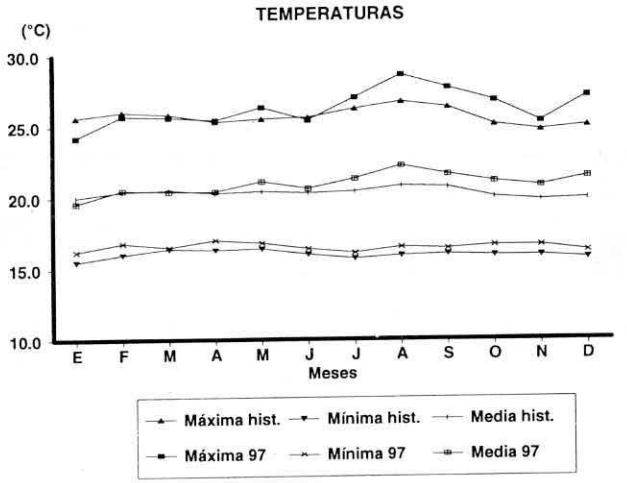
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	24.8	20.3	85.0	0.0	0.0	0.0	.6
2	17.6	25.0	21.5	89.3	.2	2.3	2.5	4.4
3	17.2	25.2	20.5	84.3	0.0	0.0	0.0	7.9
4	15.0	27.2	21.0	79.0	0.0	0.0	0.0	8.8
5	15.8	28.6	21.6	77.7	0.0	0.0	0.0	7.6
6	18.6	27.5	21.6	76.7	0.0	0.0	0.0	2.5
7	17.6	28.8	22.2	62.7	0.0	0.0	0.0	7.9
8	16.0	28.9	21.4	72.3	0.0	0.0	0.0	8.3
9	15.0	28.8	21.4	73.0	0.0	0.0	0.0	8.1
10	15.2	27.6	22.0	76.3	0.0	0.0	0.0	7.9
11	16.4	27.5	21.2	78.0	.1	0.0	.1	8.5
12	17.4	26.2	20.2	88.0	.9	0.0	.9	2.7
13	15.0	27.5	21.3	79.3	0.0	0.0	0.0	9.2
14	15.2	25.3	21.2	86.3	0.0	0.0	0.0	4.5
15	18.6	23.6	20.7	89.3	.2	0.0	.2	.1
16	16.4	25.0	20.8	85.0	0.0	.1	.1	1.3
17	18.6	25.0	21.0	84.0	0.0	0.0	0.0	5.2
18	15.2	26.2	21.0	84.0	0.0	0.0	0.0	7.1
19	15.5	26.5	20.9	81.3	0.0	0.0	0.0	7.8
20	17.2	28.0	21.7	64.7	0.0	0.0	0.0	4.7
21	15.2	27.4	21.9	78.0	0.0	0.0	0.0	7.0
22	15.0	28.6	21.8	70.0	0.0	0.0	0.0	8.1
23	15.2	28.8	21.9	67.7	0.0	0.0	0.0	8.8
24	16.5	28.6	21.2	74.0	0.0	0.0	0.0	7.8
25	15.0	28.8	22.4	61.7	0.0	0.0	0.0	8.4
26	15.2	28.2	21.7	71.7	0.0	0.0	0.0	8.6
27	15.4	28.8	22.2	75.0	0.0	0.0	0.0	9.1
28	15.0	28.6	20.8	79.3	1.6	0.0	1.6	7.4
29	15.0	28.8	22.1	74.3	0.0	0.0	0.0	8.6
30	16.4	25.4	21.0	85.0	0.0	0.0	0.0	2.9
31	17.6	26.4	21.8	85.0	0.0	0.0	0.0	2.8
Total :					3.0	2.4	5.4	194.6
Promedio :	16.2	27.1	21.4	78.0				

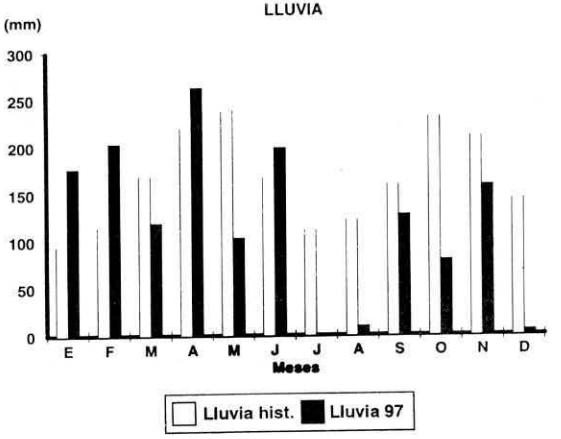
Estación : CHAPETON
Año : 1997

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 'N
Longitud : 75 ° 16 'W
Altitud : 1300 m

MES	TEMPERATURA °C					PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.2	24.2	19.6	26.2	14.0	83.8	176.8	22	95.5
Febrero	16.8	25.7	20.5	28.0	14.5	79.8	202.6	11	117.8
Marzo	16.5	25.6	20.4	29.0	14.0	79.7	119.1	18	132.0
Abril	17.0	25.4	20.4	27.2	14.5	82.2	262.4	22	97.2
Mayo	16.8	26.3	21.1	28.5	14.5	77.8	103.2	15	150.3
Junio	16.4	25.4	20.6	27.8	14.0	80.0	198.8	19	149.7
Julio	16.1	27.0	21.3	30.0	14.0	68.9	2.3	4	145.4
Agosto	16.5	28.6	22.2	31.6	13.9	61.8	9.7	2	172.0
Septiembre	16.4	27.7	21.6	30.4	14.5	71.8	127.8	11	158.6
Octubre	16.6	26.8	21.1	29.9	14.0	77.8	79.6	16	162.8
Noviembre	16.6	25.3	20.8	28.7	14.5	82.3	158.9	20	110.4
Diciembre	16.2	27.1	21.4	28.9	15.0	78.0	5.4	6	194.6
Promedio :	16.5	26.3	20.9			77.0			
Absoluta :				31.6	13.9				
Total :							1446.6	166	1686.3





Estación : EL HORIZONTE
Año : 1997

Dpto. : TOLIMA
Mpio. : CUNDAY

Latitud : 4 ° 4 ' N
Longitud : 74 ° 36 ' W
Altitud : 1270 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
Total :								
Promedio :								

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
Total :								
Promedio :								

Estación : EL HORIZONTE
Año : 1997

Dpto. : TOLIMA
Mpio. : CUNDAY

Latitud : 4 ° 4 ' N
Longitud : 74 ° 36 ' W
Altitud : 1270 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18					0.0	0.0	0.0	
19					18.4	1.3	19.7	
20					0.0	0.0	0.0	
21					9.6	0.0	9.6	4.1
22	18.9	29.8	23.0	81.0	0.0	0.0	0.0	6.2
23	19.0	28.2	22.8	81.0	0.0	1.8	1.8	3.1
24	19.8	29.5	23.6	74.0	0.0	0.0	0.0	5.8
25	20.2	30.2	24.1	72.0	0.0	0.0	0.0	6.5
26	20.0	30.4	23.3	75.7	.1	0.0	.1	3.8
27	19.5	29.5	23.2	76.0	0.0	0.0	0.0	4.2
28	18.5	31.2	22.9	71.7	1.9	1.8	3.7	7.3
29	19.2	27.5	21.0	85.7	4.6	8.3	12.9	1.3
30	18.9	28.2	21.0	93.3	1.8	0.0	1.8	2.1
31	19.2	29.5	22.1	88.7	.3	24.0	24.3	3.4
Total								
Promedio								

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	25.6	20.6	93.3	1.4	0.0	1.4	1.4
2	18.0	25.6	21.8	83.3	15.0	0.0	15.0	1.5
3	19.1	26.2	22.6	77.0	0.0	0.0	0.0	1.5
4	19.8	24.8	21.6	85.3	9.6	0.0	9.6	.2
5	18.9	26.8	21.8	84.0	0.0	0.0	0.0	2.5
6	20.0	26.4	22.7	83.7	0.0	.5	.5	.6
7	19.4	29.8	24.0	78.0	0.0	0.0	0.0	7.0
8	20.0	26.8	23.0	75.7	13.8	.8	14.6	3.1
9	18.8	31.2	24.2	72.7	0.0	1.4	1.4	7.0
10	19.4	25.2	22.0	82.3	2.9	0.0	2.9	.4
11	20.5	25.2	22.4	83.7	.6	0.0	.6	.4
12	20.0	27.0	22.2	85.7	3.0	0.0	3.0	2.1
13	19.1	29.2	24.5	62.7	0.0	0.0	0.0	7.2
14	20.2	29.8	25.0	66.0	.5	0.0	.5	4.5
15	20.0	28.9	22.7	80.7	.7	0.0	.7	2.3
16	19.8	27.2	23.2	70.3	17.2	0.0	17.2	4.9
17	20.1	29.2	24.4	73.0	0.0	43.3	43.3	3.6
18	18.8	26.4	21.3	86.3	.3	.1	.4	1.7
19	19.0	27.2	21.5	87.3	.3	0.0	.3	1.2
20	19.0	23.8	21.4	91.0	1.0	3.1	4.1	.7
21	18.2	23.9	20.2	93.7	2.4	0.0	2.4	.2
22	18.6	23.8	20.7	93.0	24.0	0.0	24.0	.1
23	18.7	26.6	21.8	79.7	.3	0.0	.3	1.1
24	18.4	26.4	22.5	83.0	.1	.3	.4	2.3
25	18.2	26.0	19.8	89.0	29.4	0.0	29.4	.9
26	17.7	27.2	22.4	84.7	11.0	0.0	11.0	4.0
27	19.2	29.4	22.8	85.7	1.1	0.0	1.1	6.2
28	19.0	27.6	21.9	85.3	4.8	0.0	4.8	5.2
29	19.0	31.0	23.8	71.0	0.0	0.0	0.0	9.5
30	19.9	30.8	24.3	67.3	0.0	0.0	0.0	5.2
31								
Total					139.4	49.5	188.9	88.5
Promedio	19.2	27.2	22.4	81.1				

Estación : EL HORIZONTE
Año : 1997

Dpto. : TOLIMA
Mpio. : CUNDAY

Latitud : 4 ° 4 ' N
Longitud : 74 ° 36 ' W
Altitud : 1270 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.7	26.8	22.7	71.0	.1	0.0	.1	2.3
2	20.0	28.8	23.3	75.3	0.0	0.0	0.0	3.5
3	20.7	29.9	22.8	80.3	0.0	21.1	21.1	4.9
4	17.9	26.2	21.5	87.3	0.0	0.0	0.0	.6
5	18.7	27.8	22.8	74.0	0.0	0.0	0.0	3.3
6	20.0	28.8	23.5	74.7	0.0	0.0	0.0	5.0
7	20.7	27.2	22.0	81.3	6.8	0.0	6.8	1.7
8	19.0	30.8	24.8	64.3	1.4	7.5	8.9	10.7
9	20.0	28.2	23.3	73.3	0.0	0.0	0.0	5.2
10	20.7	29.2	22.8	81.0	.8	21.2	22.0	2.7
11	17.9	24.4	20.8	91.7	26.8	0.0	26.8	0.0
12	18.2	31.2	23.2	71.0	1.2	1.8	3.0	7.6
13	19.0	29.0	22.2	83.3	.1	0.0	.1	2.1
14	19.9	24.0	21.2	84.7	3.3	0.0	3.3	.7
15	18.9	30.7	23.5	76.3	0.0	0.0	0.0	4.7
16	19.4	30.2	24.1	60.7	0.0	0.0	0.0	6.6
17	21.2	29.1	23.6	78.7	1.2	1.1	2.3	4.7
18	20.2	28.0	24.1	68.0	0.0	0.0	0.0	2.6
19	21.7	28.5	23.6	71.3	.1	4.6	4.7	1.6
20	19.4	25.3	22.0	85.7	0.0	0.0	0.0	.4
21	20.7	29.1	24.0	69.7	0.0	1.9	1.9	1.6
22	19.9	30.7	23.5	78.7	.2	0.0	.2	5.0
23	20.3	29.2	23.8	79.3	0.0	0.0	0.0	5.0
24	20.8	28.8	24.9	65.3	0.0	0.0	0.0	3.5
25	20.4	28.0	23.6	74.3	3.2	.8	4.0	4.2
26	19.5	24.0	21.6	91.3	7.0	31.7	38.7	0.0
27	18.7	23.1	20.7	90.7	.7	0.0	.7	0.0
28	19.0	27.4	23.6	68.3	.4	0.0	.4	4.3
29	19.8	27.6	21.9	78.3	8.1	0.0	8.1	2.8
30	19.6	26.9	22.0	79.3	.2	0.0	.2	1.7
31	19.2	28.0	22.8	88.7	7.3	0.0	7.3	2.5
Total					68.9	91.7	160.6	101.5
Promedio :	19.7	28.0	22.9	77.3				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	27.0	22.3	80.3	1.1	0.0	1.1	.4
2	18.4	32.3	24.9	61.3	.1	0.0	.1	5.3
3	21.5	32.3	25.4	66.3	0.0	8.9	8.9	7.3
4	19.0	27.0	21.6	82.0	.6	19.7	20.3	.6
5	18.2	29.5	22.8	83.7	.1	8.4	8.5	4.7
6	18.5	24.5	20.2	90.0	2.9	.6	3.5	.3
7	18.8	25.3	21.4	84.7	7.7	2.7	10.4	2.8
8	18.5	23.0	20.4	90.7	2.1	0.0	2.1	.1
9	18.2	26.8	21.6	89.0	4.3	0.0	4.3	2.9
10	18.8	30.8	23.3	79.7	0.0	18.1	18.1	5.6
11	19.0	27.5	22.2	87.3	0.0	0.0	0.0	2.9
12	19.4	26.0	21.8	82.0	3.1	0.0	3.1	.7
13	19.5	24.5	22.0	84.0	1.6	0.0	1.6	1.7
14	19.0	28.7	22.7	79.7	0.0	0.0	0.0	5.6
15	19.5	28.0	23.1	76.7	0.0	0.0	0.0	2.6
16	19.3	30.0	23.0	78.0	10.4	0.0	10.4	5.1
17	19.3	29.8	24.2	76.0	0.0	0.0	0.0	5.5
18	20.0	26.7	22.7	84.0	0.0	2.8	2.8	1.7
19	18.1	29.0	21.7	85.3	.1	2.0	2.1	3.9
20	18.5	28.9	24.1	67.0	0.0	0.0	0.0	6.2
21	19.2	30.0	22.6	72.7	0.0	0.0	0.0	5.6
22	19.4	30.2	22.6	79.3	.7	0.0	.7	6.0
23	20.8	29.2	24.1	78.3	0.0	0.0	0.0	5.0
24	20.6	26.0	22.4	80.0	0.0	13.0	13.0	1.1
25	17.8	24.8	20.6	85.3	1.3	.1	1.4	5.6
26	18.0	25.0	20.6	76.3	2.7	0.0	2.7	.6
27	17.9	28.3	22.2	82.7	0.0	0.0	0.0	1.9
28	19.0	29.8	24.4	64.3	0.0	0.0	0.0	5.4
29	19.1	30.2	23.2	71.7	1.6	0.0	1.6	8.3
30	20.1	29.1	23.4	77.0	5.9	.6	6.5	4.7
31								
Total					46.3	76.9	123.2	110.1
Promedio :	19.1	28.0	22.6	79.2				

Estación : EL HORIZONTE
Año : 1997

Dpto. : TOLIMA
Mpio. : CUNDAY

Latitud : 4 ° 4 ' N
Longitud : 74 ° 36 ' W
Altitud : 1270 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.3	24.1	20.8	86.0	1.3	0.0	1.3	.7
2	18.2	30.4	23.5	63.0	0.0	.4	.4	9.9
3	18.9	28.4	23.8	69.7	0.0	0.0	0.0	5.9
4	19.0	27.0	22.2	70.3	.3	0.0	.3	2.7
5	18.8	27.1	22.1	74.7	.1	0.0	.1	3.3
6	20.0	27.6	23.2	73.0	.4	0.0	.4	5.5
7	19.2	24.9	21.1	84.3	.7	0.0	.7	1.7
8	19.0	26.1	20.5	86.7	3.2	0.0	3.2	.4
9	18.2	26.4	22.4	67.0	0.0	0.0	0.0	1.1
10	20.2	29.3	23.1	64.3	0.0	0.0	0.0	4.4
11	19.2	28.0	23.4	66.3	.4	.8	1.2	3.4
12	18.7	27.3	22.2	75.7	.3	0.0	.3	2.5
13	19.4	28.0	23.2	63.0	0.0	0.0	0.0	4.0
14	20.6	27.8	23.4	61.3	0.0	0.0	0.0	4.4
15	20.0	28.8	23.1	68.3	.2	0.0	.2	5.3
16	18.9	27.0	21.8	73.7	2.1	.5	2.6	0.0
17	18.6	29.4	23.1	59.7	0.0	0.0	0.0	6.8
18	19.7	29.5	23.3	66.7	0.0	0.0	0.0	6.5
19	19.0	31.0	24.2	55.0	0.0	0.0	0.0	7.4
20	18.9	29.9	23.6	60.0	0.0	0.0	0.0	7.7
21	20.0	28.1	22.6	68.3	1.7	0.0	1.7	6.1
22	18.7	28.5	23.0	66.3	0.0	0.0	0.0	2.9
23	19.1	29.7	23.6	67.3	0.0	0.0	0.0	6.4
24	19.8	28.9	22.6	70.0	0.0	0.0	0.0	4.5
25	19.8	29.1	23.4	64.3	0.0	0.0	0.0	2.5
26	18.8	30.3	24.2	58.0	0.0	0.0	0.0	6.6
27	19.2	29.8	23.1	65.0	0.0	0.0	0.0	3.3
28	20.1	28.8	24.1	55.0	0.0	0.0	0.0	3.2
29	19.9	26.0	23.5	67.0	0.0	0.0	0.0	1.9
30	19.7	32.4	24.2	65.3	0.0	0.0	0.0	7.2
31	19.9	31.3	24.4	63.3	0.0	0.0	0.0	6.4
Total :					10.7	1.7	12.4	134.6
Promedio :	19.3	28.4	23.0	67.7				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.9	31.8	24.8	58.7	0.0	0.0	0.0	7.2
2	20.1	33.6	24.6	55.7	0.0	0.0	0.0	7.5
3	20.9	30.0	24.4	57.7	0.0	0.0	0.0	7.5
4	19.9	31.2	24.8	58.7	0.0	0.0	0.0	6.8
5	20.0	31.5	25.0	57.7	0.0	0.0	0.0	5.0
6	20.2	30.9	23.4	67.3	0.0	0.0	0.0	5.2
7	19.5	32.2	24.2	58.0	0.0	0.0	0.0	7.8
8	18.5	29.4	23.6	58.7	0.0	0.0	0.0	5.6
9	18.6	25.8	20.4	80.0	.5	.7	1.2	1.5
10	17.5	26.2	21.4	65.0	0.0	0.0	0.0	.7
11	18.0	29.7	23.8	53.0	0.0	0.0	0.0	4.1
12	20.8	29.3	24.6	48.7	0.0	0.0	0.0	3.4
13	20.9	31.2	24.8	53.3	0.0	0.0	0.0	5.0
14	19.0	28.9	23.0	68.0	0.0	0.0	0.0	3.3
15	20.6	33.0	25.3	57.3	0.0	0.0	0.0	5.1
16	21.9	32.4	25.2	53.7	.2	3.0	3.2	6.3
17	18.8	28.7	24.4	63.7	0.0	0.0	0.0	4.3
18	20.0	33.8	25.2	52.0	0.0	0.0	0.0	9.4
19	20.8	28.8	22.8	77.0	1.2	0.0	1.2	2.7
20	19.0	32.4	24.4	54.3	0.0	0.0	0.0	8.6
21	21.1	32.9	25.9	47.0	0.0	0.0	0.0	8.5
22	20.3	30.7	25.2	52.3	0.0	0.0	0.0	5.2
23	19.8	30.9	24.4	57.0	0.0	0.0	0.0	4.3
24	20.0	33.0	26.0	48.3	0.0	0.0	0.0	6.5
25	20.1	34.2	27.5	49.0	0.0	0.0	0.0	4.0
26	21.5	32.3	24.5	59.0	0.0	0.0	0.0	4.2
27	20.2	31.2	25.4	58.0	0.0	0.0	0.0	3.5
28	20.0	33.1	24.8	52.0	0.0	0.0	0.0	7.8
29	20.2	34.0	25.8	50.0	0.0	0.0	0.0	7.0
30	21.0	34.6	25.2	46.3	0.0	0.0	0.0	8.9
31	19.8	32.4	26.7	56.7	0.0	0.0	0.0	4.9
Total :					1.9	3.7	5.6	171.8
Promedio :	19.9	31.3	24.6	57.2				

Estación : EL HORIZONTE
Año : 1997

Dpto. : TOLIMA
Mpio. : CUNDAY

Latitud : 4 ° 4 ' N
Longitud : 74 ° 36 ' W
Altitud : 1270 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	21.8	30.0	24.4	60.3	0.0	0.0	0.0	1.5
2	20.0	24.0	21.6	87.7	16.3	0.0	16.3	.4
3	17.5	31.2	23.2	67.0	0.0	0.0	0.0	5.5
4	19.0	33.4	26.0	54.0	0.0	0.0	0.0	8.0
5	20.2	31.9	25.1	64.3	0.0	2.4	2.4	3.5
6	17.8	32.1	24.0	67.3	0.0	.5	.5	6.1
7	20.0	29.2	24.2	65.0	.2	0.0	.2	1.9
8	19.9	26.5	22.8	77.3	5.3	3.0	8.3	2.8
9	18.7	28.0	23.0	77.3	0.0	0.0	0.0	1.5
10	20.1	28.5	25.6	62.0	0.0	0.0	0.0	1.6
11	21.0	30.5	24.0	63.7	.3	0.0	.3	4.2
12	19.2	30.3	24.6	58.3	0.0	0.0	0.0	1.9
13	20.8	34.7	27.2	43.0	0.0	0.0	0.0	8.4
14	20.0	32.6	25.8	53.7	0.0	0.0	0.0	3.7
15	21.6	31.0	24.6	55.3	0.0	0.0	0.0	2.1
16	21.5	29.8	23.7	53.7	0.0	0.0	0.0	3.3
17	19.8	34.6	26.3	43.0	0.0	0.0	0.0	8.9
18	19.9	33.4	25.3	48.0	0.0	0.0	0.0	5.7
19	19.8	33.0	25.6	51.3	0.0	0.0	0.0	4.2
20	20.2	26.2	21.5	79.3	3.4	0.0	3.4	1.7
21	18.0	28.0	23.6	64.0	0.0	0.0	0.0	1.5
22	19.0	28.8	21.6	84.7	3.2	0.0	3.2	2.2
23	18.2	24.2	19.6	96.3	9.7	0.0	9.7	.4
24	18.2	29.6	22.2	81.7	4.5	0.0	4.5	2.1
25	20.8	29.4	22.1	79.3	1.6	.1	1.7	3.4
26	19.2	30.0	23.4	66.3	0.0	0.0	0.0	3.8
27	19.2	30.1	23.5	67.3	0.0	0.0	0.0	3.0
28	19.8	31.0	24.8	52.7	0.0	0.0	0.0	3.1
29	20.0	31.4	24.9	51.3	0.0	0.0	0.0	7.1
30	19.4	29.0	23.0	75.7	.5	0.0	.5	1.8
31								
Total					45.0	6.0	51.0	105.3
Promedio	19.7	30.1	23.9	65.0				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.6	32.8	24.7	64.3	0.0	0.0	0.0	6.9
2	18.0	27.0	21.8	80.7	30.3	0.0	30.3	1.9
3	20.2	26.0	23.4	64.3	.3	0.0	.3	.2
4	19.8	32.4	26.6	51.7	0.0	.6	.6	7.4
5	19.4	31.0	24.0	66.7	0.0	.2	.2	5.8
6	19.0	30.8	24.1	57.7	0.0	0.0	0.0	5.6
7	20.4	29.6	24.3	60.7	0.0	0.0	0.0	3.4
8	20.0	31.0	24.5	49.0	0.0	0.0	0.0	6.1
9	19.8	33.4	26.5	49.0	0.0	.5	.5	8.3
10	20.2	30.6	24.7	66.3	0.0	2.5	2.5	4.1
11	18.2	30.4	24.5	69.7	0.0	1.7	1.7	7.2
12	19.0	29.6	23.8	79.0	0.0	23.3	23.3	3.4
13	17.4	27.0	20.9	86.7	1.2	.1	1.3	3.8
14	19.4	30.2	23.2	75.0	0.0	0.0	0.0	4.0
15	18.0	28.2	23.1	84.0	0.0	.4	.4	1.8
16	17.2	25.6	21.3	88.0	.3	1.6	1.9	1.1
17	18.4	27.0	22.2	84.7	.9	5.3	6.2	2.8
18	17.8	25.8	21.0	87.7	2.3	1.1	3.4	1.5
19	17.9	27.4	21.0	86.0	4.7	0.0	4.7	2.2
20	18.0	31.4	23.7	70.7	0.0	.5	.5	8.5
21	19.6	26.8	22.6	85.0	.1	0.0	.1	.4
22	19.0	28.6	22.2	88.0	0.0	0.0	0.0	2.0
23	18.8	28.4	22.7	82.7	0.0	0.0	0.0	1.2
24	20.0	30.0	23.9	66.7	0.0	0.0	0.0	6.8
25	19.9	29.8	24.8	60.3	0.0	0.0	0.0	4.8
26	20.8	28.6	23.9	72.0	0.0	0.0	0.0	3.8
27	19.8	25.0	23.0	72.0	5.3	0.0	5.3	1.4
28	19.0	28.5	23.8	68.3	0.0	0.0	0.0	4.1
29	18.2	30.0	22.6	79.7	0.0	0.0	0.0	3.1
30	19.2	30.8	23.0	74.7	0.0	0.0	0.0	4.8
31	19.8	31.4	25.2	62.7	0.0	3.5	3.5	8.4
Total					45.4	41.3	86.7	126.8
Promedio	19.1	29.2	23.5	72.1				

Estación : EL HORIZONTE
Año : 1997

Dpto. : TOLIMA
Mpio. : CUNDAY

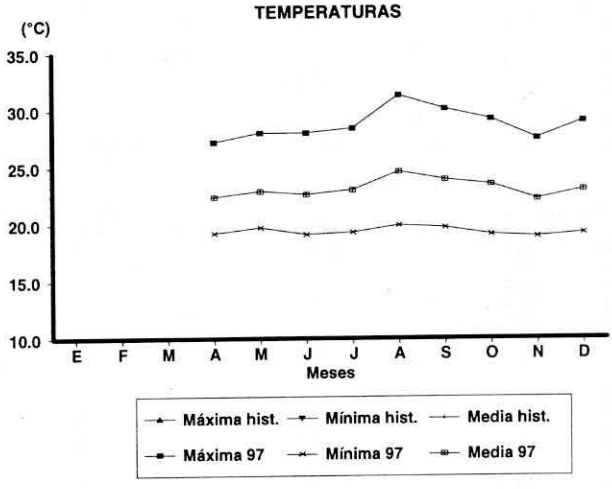
Latitud : 4 ° 4 ' N
Longitud : 74 ° 36 ' W
Altitud : 1270 m

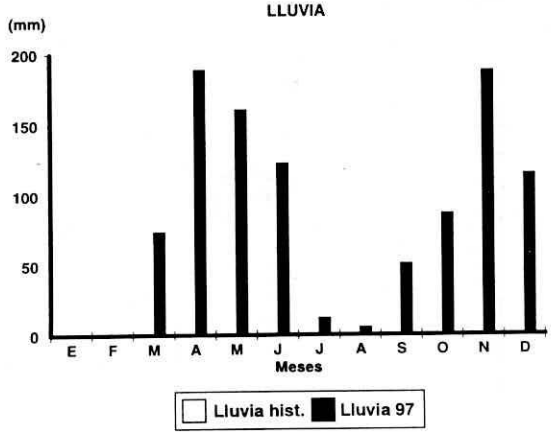
Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.0	28.6	22.4	86.0	.7	0.0	.7	3.1
2	19.8	30.8	24.8	66.0	0.0	0.0	0.0	7.0
3	19.0	25.2	21.3	74.0	41.4	0.0	41.4	1.2
4	20.2	30.2	24.0	73.3	1.0	0.0	1.0	3.9
5	19.8	25.4	22.7	82.0	1.9	0.0	1.9	.2
6	20.0	30.2	24.8	66.7	.8	40.1	40.9	5.3
7	17.8	24.6	21.4	83.7	.6	0.0	.6	0.0
8	19.5	23.8	20.8	86.0	7.1	.1	7.2	0.0
9	19.0	24.6	21.5	82.3	1.9	0.0	1.9	.2
10	18.8	24.0	21.6	81.0	.2	0.0	.2	.3
11	18.0	29.8	22.6	79.3	0.0	.4	.4	7.3
12	19.8	30.2	24.0	74.3	0.0	0.0	0.0	7.1
13	19.0	27.4	22.2	79.3	9.6	0.0	9.6	2.5
14	18.8	25.4	20.6	88.7	0.0	0.0	0.0	3.1
15	17.8	26.8	21.2	82.3	.3	0.0	.3	1.6
16	18.4	24.6	21.0	82.0	0.0	0.0	0.0	.4
17	19.0	28.0	21.8	81.3	0.0	0.0	0.0	1.1
18	18.8	27.2	22.4	81.3	0.0	3.9	3.9	1.9
19	19.0	27.8	21.9	86.0	.2	0.0	.2	4.2
20	18.6	27.8	22.0	82.7	1.3	5.5	6.8	3.1
21	18.2	28.0	21.4	86.7	0.0	0.0	0.0	2.5
22	18.8	29.8	22.9	76.3	0.0	0.0	0.0	4.5
23	20.0	27.8	22.3	78.3	0.0	0.0	0.0	3.3
24	19.8	26.4	21.3	83.7	1.6	0.0	1.6	2.0
25	17.0	28.0	21.0	85.0	63.0	1.1	64.1	2.1
26	18.6	26.0	21.0	90.7	4.8	0.0	4.8	.7
27	17.0	27.4	22.2	81.7	0.0	0.0	0.0	2.6
28	19.4	29.8	23.1	80.3	0.0	.4	.4	6.6
29	18.8	29.6	22.8	83.0	0.0	0.0	0.0	5.1
30	19.2	29.2	22.0	86.0	0.0	0.0	0.0	4.2
31								
Total					136.4	51.5	187.9	87.1
Promedio	18.9	27.5	22.2	81.0				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.8	23.8	21.0	91.3	0.0	0.0	0.0	.3
2	19.2	28.6	22.8	78.0	0.0	0.0	0.0	4.9
3	19.0	27.0	22.3	79.0	0.0	0.0	0.0	1.9
4	18.2	30.4	23.9	67.0	0.0	0.0	0.0	5.8
5	20.0	30.8	23.6	71.0	0.0	0.0	0.0	7.1
6	20.4	30.0	25.2	63.7	0.0	0.0	0.0	4.8
7	20.4	31.2	24.9	59.7	0.0	0.0	0.0	7.7
8	20.2	30.8	23.9	55.0	0.0	0.0	0.0	7.0
9	19.0	30.0	23.6	66.0	0.0	0.0	0.0	6.1
10	19.8	29.6	24.4	71.7	0.0	0.0	0.0	4.6
11	20.2	30.6	24.3	71.3	0.0	0.0	0.0	6.8
12	19.4	30.0	22.6	78.7	0.0	0.0	0.0	6.2
13	18.5	30.5	23.5	77.0	0.0	5.5	5.5	8.5
14	19.3	28.2	22.6	82.0	5.1	77.4	82.5	3.4
15	18.0	26.0	21.6	88.3	.7	19.4	20.1	1.6
16	18.1	25.3	20.7	85.3	0.0	0.0	0.0	1.1
17	18.3	29.4	21.5	84.0	0.0	.1	.1	3.3
18	18.7	26.5	22.4	74.0	0.0	0.0	0.0	3.4
19	18.3	29.3	22.4	76.7	0.0	2.9	2.9	6.8
20	20.0	28.6	22.6	75.7	0.0	0.0	0.0	3.7
21	18.0	30.8	22.9	71.7	0.0	0.0	0.0	5.1
22	19.5	28.6	23.0	69.0	0.0	0.0	0.0	3.6
23	19.4	29.8	23.5	57.0	0.0	0.0	0.0	6.1
24	20.0	29.0	22.8	71.0	0.0	0.0	0.0	6.8
25	19.2	31.0	23.6	61.7	0.0	0.0	0.0	8.5
26	19.0	30.9	24.6	63.3	0.0	0.0	0.0	8.4
27	19.7	30.0	23.5	69.7	0.0	0.0	0.0	6.8
28	19.3	28.6	21.5	71.0	0.0	0.0	0.0	8.8
29	19.2	32.0	24.0	64.7	0.0	0.0	0.0	.8
30	19.9	25.3	21.2	89.3	3.5	0.0	3.5	2.8
31	18.5	27.0	21.4	88.0	1.0	0.0	1.0	4.2
Total					10.3	105.3	115.6	156.9
Promedio	19.2	29.0	23.0	73.3				

Estación : EL HORIZONTE **Dpto. :** TOLIMA **Latitud :** 4 ° 4 'N
Año : 1997 **Mpio. :** CUNDAY **Longitud :** 74 ° 36 'W
Altitud : 1270 **m**

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.		Total mm.	Dias Lluvia	
Enero									
Febrero									
Marzo					18.5		73.9		
Abril	19.2	27.2	22.4	31.2	17.7	81.1	188.9	24	88.5
Mayo	19.7	28.0	22.9	31.2	17.9	77.3	160.6	20	101.5
Junio	19.1	28.0	22.6	32.3	17.8	79.2	123.2	21	110.1
Julio	19.3	28.4	23.0	32.4	18.2	67.7	12.4	12	134.6
Agosto	19.9	31.3	24.6	34.6	17.5	57.2	5.6	3	171.8
Septiembre	19.7	30.1	23.9	34.7	17.5	65.0	51.0	12	105.3
Octubre	19.1	29.2	23.5	33.4	17.2	72.1	86.7	18	126.8
Noviembre	18.9	27.5	22.2	30.8	17.0	81.0	187.9	19	87.1
Diciembre	19.2	29.0	23.0	32.0	18.0	73.3	115.6	7	156.9
Promedio :									
Absoluta :									
Total :									





Estación : LOS ANDES
Año : 1997

Dpto. : TOLIMA
Mpio. : PLANADAS

Latitud : 3 ° 11 ' N
Longitud : 75 ° 37 ' W
Altitud : 1400 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1					2.3	12.7	15.0	0.0
2					.2	3.6	3.8	2.3
3					0.0	0.0	0.0	3.0
4					0.0	33.1	33.1	6.5
5					0.0	7.8	7.8	4.3
6					0.0	0.0	0.0	2.5
7					0.0	14.9	14.9	3.5
8					4.0	0.0	4.0	4.8
9					1.1	1.3	2.4	.5
10					.3	9.0	9.3	.1
11					12.6	35.6	48.2	1.0
12					0.0	8.8	8.8	2.6
13					.6	0.0	.6	4.2
14					0.0	.6	.6	7.9
15					0.0	31.7	31.7	3.5
16					9.3	4.6	13.9	2.3
17					7.4	9.6	17.0	1.8
18					12.2	7.3	19.5	1.5
19					0.0	11.4	11.4	1.7
20					2.7	2.6	5.3	.8
21					15.5	0.0	15.5	.2
22					1.2	.6	1.8	3.9
23					4.2	32.0	36.2	4.7
24					2.3	3.5	5.8	3.5
25					0.0	.9	.9	2.8
26					23.9	0.0	23.9	2.6
27					3.6	3.3	6.9	4.3
28					4.5	1.4	5.9	4.8
29					0.0	.4	.4	4.6
30					1.1	9.5	10.6	5.0
31					.2	.3	.5	5.2
Total					109.2	246.5	355.7	96.4
Promedio								

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1					.4	2.7	3.1	3.5
2					0.0	14.5	14.5	5.7
3					0.0	1.1	1.1	4.1
4					0.0	.2	.2	1.9
5					12.5	0.0	12.5	.7
6					0.0	0.0	0.0	1.5
7					0.0	49.5	49.5	5.2
8					6.9	0.0	6.9	.6
9					.2	8.9	9.1	5.2
10					2.5	0.0	2.5	1.8
11					0.0	.5	.5	1.6
12					0.0	0.0	0.0	1.3
13					0.0	.5	.5	8.9
14					0.0	0.0	0.0	6.2
15					0.0	.4	.4	6.0
16					.7	0.0	.7	2.6
17					0.0	21.3	21.3	4.6
18					2.7	0.0	2.7	3.3
19					0.0	0.0	0.0	7.3
20					0.0	0.0	0.0	9.9
21					0.0	0.0	0.0	8.2
22					0.0	0.0	0.0	7.2
23					0.0	0.0	0.0	3.7
24					0.0	.1	.1	3.1
25					0.0	0.0	0.0	4.2
26					0.0	0.0	0.0	4.1
27					0.0	0.0	0.0	3.5
28					0.0	0.0	0.0	9.9
29								
30								
31								
Total					25.9	99.7	125.6	125.8
Promedio								

Estación : LOS ANDES
Año : 1997

Dpto. : TOLIMA
Mpio. : PLANADAS

Latitud : 3 ° 11 ' N
Longitud : 75 ° 37 ' W
Altitud : 1400 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1					0.0	0.0	0.0	3.1
2					4.9	1.9	6.8	3.6
3					0.0	9.6	9.6	3.1
4					.4	0.0	.4	2.0
5					0.0	0.0	0.0	1.5
6					0.0	0.0	0.0	9.5
7					0.0	0.0	0.0	9.1
8					0.0	0.0	0.0	3.6
9					1.0	0.0	1.0	.4
10					0.0	0.0	0.0	3.1
11					0.0	0.0	0.0	2.1
12					.2	1.4	1.6	2.6
13					1.7	0.0	1.7	0.0
14					0.0	0.0	0.0	8.3
15					0.0	0.0	0.0	1.5
16					0.0	17.4	17.4	2.3
17					2.6	1.1	3.7	.7
18					3.6	88.1	91.7	1.3
19					6.4	0.0	6.4	.6
20					0.0	12.0	12.0	1.8
21					1.4	.2	1.6	1.5
22					0.0	0.0	0.0	4.5
23					0.0	0.0	0.0	3.5
24					0.0	0.0	0.0	4.0
25					0.0	0.0	0.0	4.3
26					0.0	0.0	0.0	2.4
27					0.0	0.0	0.0	1.4
28					0.0	0.0	0.0	4.5
29					.4	.4	.8	.1
30					0.0	3.9	3.9	.7
31					12.9	1.6	14.5	1.4
Total :					35.5	137.6	173.1	88.5
Promedio :								

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1					21.1	1.5	22.6	
2					0.0	0.0	0.0	
3					0.0	0.0	0.0	
4					0.0	0.0	0.0	
5					0.0	0.0	0.0	
6					0.0	0.0	0.0	
7					0.0	0.0	0.0	
8					.7	0.0	.7	
9					0.0	0.0	0.0	
10					.9	0.0	.9	
11					.2	.6	.8	
12					24.7	0.0	24.7	
13					0.0	0.0	0.0	
14					0.0	0.0	0.0	
15					.8	.1	.9	
16					9.4	0.0	9.4	
17					0.0	.5	.5	
18					.1	0.0	.1	
19					.5	.7	1.2	
20					4.5	18.8	23.3	
21					1.5	0.0	1.5	
22					3.1	10.8	13.9	
23					9.3	4.0	13.3	
24					0.0	42.0	42.0	
25					12.0	0.0	12.0	
26					4.4	43.8	48.2	
27					0.0	0.0	0.0	
28					1.0	0.0	1.0	
29					0.0	1.0	1.0	
30					0.0	0.0	0.0	
31								
Total :					94.2	123.8	218.0	
Promedio :								

Estación : LOS ANDES
Año : 1997

Dpto. : TOLIMA
Mpio. : PLANADAS

Latitud : 3 ° 11 ' N
Longitud : 75 ° 37 ' W
Altitud : 1400 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1					0.0	0.0	0.0	
2					0.0	.7	.7	
3					0.0	7.6	7.6	
4					2.1	0.0	2.1	
5					1.2	0.0	1.2	
6					0.0	5.3	5.3	
7					0.0	0.0	0.0	
8					0.0	0.0	0.0	
9					0.0	0.0	0.0	
10					0.0	.5	.5	
11					1.4	0.0	1.4	
12					0.0	0.0	0.0	
13					.5	0.0	.5	
14					.1	0.0	.1	
15					0.0	0.0	0.0	
16					0.0	0.0	0.0	
17					0.0	0.0	0.0	
18					0.0	0.0	0.0	
19					0.0	3.2	3.2	
20					0.0	0.0	0.0	
21					0.0	12.3	12.3	
22					0.0	0.0	0.0	
23					0.0	.2	.2	
24					0.0	0.0	0.0	
25					2.1	.2	2.3	
26					2.2	0.0	2.2	
27					8.9	0.0	8.9	
28					2.5	1.6	4.1	
29					1.5	0.0	1.5	
30					4.3	0.0	4.3	
31					.2	0.0	.2	
Total					27.0	31.6	58.6	
Promedio								

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1					0.0	0.0	0.0	2.6
2					0.0	0.0	0.0	4.4
3					0.0	0.0	0.0	3.1
4					10.4	8.8	19.2	.2
5					0.0	29.1	29.1	5.3
6					.8	.4	1.2	1.7
7					14.2	.8	15.0	3.1
8					15.0	0.0	15.0	.9
9					3.6	0.0	3.6	.7
10					.2	6.6	6.8	4.3
11					0.0	.2	.2	3.9
12					6.7	0.0	6.7	1.9
13					.9	0.0	.9	1.3
14					0.0	0.0	0.0	3.5
15					0.0	0.0	0.0	4.7
16					1.4	0.0	1.4	5.1
17					0.0	0.0	0.0	9.2
18					0.0	6.0	6.0	2.5
19					.9	5.7	6.6	3.5
20					0.0	0.0	0.0	8.7
21					0.0	0.0	0.0	9.9
22					0.0	.2	.2	3.7
23					0.0	.1	.1	3.4
24					3.9	0.0	3.9	1.5
25					.7	.7	1.4	2.4
26					0.0	0.0	0.0	1.6
27					0.0	.1	.1	5.6
28					0.0	0.0	0.0	9.7
29					0.0	.7	.7	9.7
30					.1	7.2	7.3	5.7
31								
Total					58.8	66.6	125.4	123.8
Promedio								

Estación : LOS ANDES
Año : 1997

Dpto. : TOLIMA
Mpio. : PLANADAS

Latitud : 3 ° 11 ' N
Longitud : 75 ° 37 ' W
Altitud : 1400 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1					2.2	0.0	2.2	1.8
2					0.0	.2	.2	6.7
3					.1	0.0	.1	3.0
4					0.0	0.0	0.0	2.6
5					0.0	0.0	0.0	2.7
6					.6	0.0	.6	.6
7					1.9	.1	2.0	.4
8					.6	0.0	.6	1.3
9					0.0	0.0	0.0	2.4
10					0.0	.2	.2	2.3
11	16.4	27.6	22.0	64.3	0.0	0.0	0.0	2.1
12	17.8	26.0	21.8	61.3	0.0	0.0	0.0	.7
13	17.1	29.3	22.2	59.3	0.0	0.0	0.0	6.5
14	18.5	25.6	21.6	74.7	0.0	0.0	0.0	.4
15	17.6	27.0	21.8	68.3	0.0	0.0	0.0	3.3
16	17.0	26.1	22.2	68.7	0.0	.2	.2	.8
17	16.1	28.8	23.1	58.7	0.0	0.0	0.0	7.3
18	16.8	28.6	23.0	57.7	0.0	0.0	0.0	7.7
19	16.0	29.6	23.3	60.3	0.0	0.0	0.0	9.2
20	18.4	28.6	23.1	55.0	0.0	0.0	0.0	4.2
21	16.1	27.3	21.5	68.7	0.0	.1	.1	2.7
22	17.5	26.6	21.9	73.0	.2	.5	.7	.9
23	17.4	25.7	21.2	77.0	0.0	0.0	0.0	1.1
24	17.3	25.6	20.6	80.0	0.0	0.0	0.0	.5
25	18.4	24.6	21.0	69.7	.2	0.0	.2	0.0
26	17.2	27.0	22.3	57.0	0.0	0.0	0.0	1.8
27	17.6	25.4	19.9	61.3	0.0	0.0	0.0	.4
28	16.9	29.1	22.6	62.7	0.0	0.0	0.0	5.7
29	16.1	28.8	21.8	62.0	0.0	0.0	0.0	4.8
30	16.5	27.6	21.8	64.7	0.0	0.0	0.0	3.2
31	17.5	29.5	23.8	59.3	0.0	2.7	2.7	7.5
Total					5.8	4.0	9.8	94.6
Promedio								

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	29.4	23.4	56.3	0.0	0.0	0.0	7.1
2	17.4	28.6	22.3	60.0	0.0	0.0	0.0	4.6
3	17.0	25.2	19.9	70.3	0.0	0.0	0.0	1.4
4	15.6	26.2	21.3	68.3	0.0	.4	.4	2.1
5	16.9	29.5	23.4	57.7	0.0	0.0	0.0	4.7
6	18.2	28.6	23.0	57.3	0.0	0.0	0.0	3.7
7	16.6	28.8	22.6	59.7	0.0	0.0	0.0	3.0
8	17.3	28.6	20.8	71.0	0.0	0.0	0.0	3.9
9	17.0	23.5	19.3	80.0	.9	0.0	.9	.2
10	16.1	25.0	19.7	77.3	0.0	0.0	0.0	.8
11	15.4	30.0	23.8	50.7	0.0	0.0	0.0	7.9
12	17.1	29.2	23.0	58.3	0.0	.2	.2	5.5
13	18.0	28.4	22.8	63.3	0.0	0.0	0.0	3.9
14	18.0	26.3	21.2	74.7	0.0	0.0	0.0	3.3
15	17.5	29.6	23.1	62.3	0.0	0.0	0.0	4.8
16	17.0	27.6	22.1	63.7	0.0	.9	.9	5.3
17	16.1	26.2	20.7	77.3	0.0	.3	.3	4.4
18	17.5	30.0	24.1	55.7	0.0	0.0	0.0	7.6
19	17.3	26.5	22.4	60.3	0.0	0.0	0.0	6.6
20	17.0	30.0	23.2	55.0	0.0	0.0	0.0	1.9
21	17.2	30.0	23.6	47.7	0.0	0.0	0.0	5.4
22	19.2	28.0	23.9	58.0	0.0	0.0	0.0	3.7
23	18.4	28.6	24.2	55.7	0.0	0.0	0.0	6.9
24	18.2	30.2	24.6	48.7	0.0	0.0	0.0	6.4
25	16.8	32.0	24.4	58.3	0.0	0.0	0.0	3.0
26	19.2	27.0	22.8	69.7	.2	0.0	.2	1.0
27	18.4	27.8	23.0	64.7	0.0	0.0	0.0	3.9
28	17.0	27.0	22.1	58.0	0.0	0.0	0.0	2.6
29	15.6	30.3	22.6	50.7	0.0	0.0	0.0	9.3
30	16.2	31.6	24.3	50.3	0.0	0.0	0.0	9.2
31	17.2	30.4	24.6	54.3	0.0	0.0	0.0	7.3
Total					1.1	1.8	2.9	141.4
Promedio	17.2	28.4	22.7	61.1				

Estación : LOS ANDES
Año : 1997

Dpto. : TOLIMA
Mpio. : PLANADAS

Latitud : 3 ° 11 ' N
Longitud : 75 ° 37 ' W
Altitud : 1400 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	28.2	23.4	64.3	0.0	.5	.5	.9
2	17.0	25.4	19.8	85.7	1.5	0.0	1.5	1.8
3	16.8	26.2	20.9	65.0	0.0	0.0	0.0	2.8
4	16.6	30.6	23.5	55.3	0.0	0.0	0.0	7.7
5	17.8	30.0	23.8	63.0	0.0	5.8	5.8	2.7
6	16.0	28.4	21.2	72.3	0.0	0.0	0.0	1.7
7	17.8	28.2	22.0	69.7	.3	.3	.6	3.3
8	18.4	26.4	21.3	76.0	0.0	0.0	0.0	1.4
9	16.6	28.2	21.8	72.3	0.0	0.0	0.0	4.9
10	18.4	27.4	21.6	72.0	0.0	0.0	0.0	2.7
11	18.0	28.2	21.0	61.0	0.0	0.0	0.0	.6
12	19.2	28.0	24.4	52.7	0.0	0.0	0.0	.5
13	18.0	30.6	23.8	48.7	0.0	0.0	0.0	3.2
14	17.6	30.4	23.9	44.0	0.0	0.0	0.0	5.7
15	18.6	28.4	22.0	64.0	0.0	0.0	0.0	2.8
16	17.5	26.6	23.0	62.0	0.0	0.0	0.0	.7
17	16.2	31.4	24.9	45.3	0.0	0.0	0.0	7.8
18	16.2	29.0	23.7	52.3	0.0	0.0	0.0	3.2
19	18.2	31.6	24.8	55.0	0.0	0.0	0.0	6.3
20	17.0	27.6	20.3	79.7	10.7	0.0	10.7	2.6
21	16.2	28.0	20.0	75.0	12.8	.6	13.4	.8
22	17.4	26.2	20.8	77.7	3.8	0.0	3.8	5.7
23	17.0	23.4	18.6	90.7	0.0	8.5	8.5	2.2
24	17.1	26.5	21.1	74.3	.8	0.0	.8	.1
25	18.4	26.3	20.5	76.0	.2	0.0	.2	1.2
26	18.3	28.0	22.0	62.3	0.0	0.0	0.0	3.1
27	17.6	28.4	22.8	56.0	0.0	0.0	0.0	1.9
28	19.4	27.8	23.9	51.0	0.0	0.0	0.0	.8
29	15.6	31.0	24.6	44.7	0.0	0.0	0.0	7.7
30	18.6	26.5	22.0	68.7	0.0	0.0	0.0	2.2
31								
Total					30.1	15.7	45.8	89.0
Promedio	17.5	28.1	22.2	64.6				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	31.6	24.4	55.7	0.0	0.0	0.0	7.8
2	18.4	29.6	23.1	68.7	0.0	0.0	0.0	2.0
3	18.5	25.4	22.1	72.0	0.0	0.0	0.0	.3
4	18.8	32.0	26.1	53.0	0.0	0.0	0.0	6.3
5	18.8	30.0	23.6	58.0	0.0	.1	.1	4.4
6	18.0	26.8	21.6	61.7	0.0	.4	.4	.5
7	16.6	28.2	22.6	60.0	0.0	0.0	0.0	1.3
8	17.2	25.8	21.5	62.0	0.0	0.0	0.0	.1
9	16.8	31.4	25.1	39.7	0.0	0.0	0.0	8.5
10	17.6	30.0	22.5	73.7	.2	0.0	.2	4.4
11	18.4	28.4	22.7	77.7	0.0	0.0	0.0	4.2
12	17.5	27.0	22.0	82.3	16.0	12.6	28.6	2.2
13	17.6	26.4	20.8	85.7	0.0	0.0	0.0	2.5
14	17.6	24.2	20.1	86.3	1.1	0.0	1.1	.7
15	17.5	28.0	20.2	79.7	19.1	.5	19.6	3.2
16	16.6	26.6	20.7	79.7	10.8	9.9	20.7	5.3
17	17.0	26.4	20.9	79.0	4.1	18.0	22.1	4.4
18	16.0	26.4	21.2	76.7	0.0	7.6	7.6	5.0
19	17.2	26.2	21.2	86.0	0.0	0.0	0.0	3.4
20	16.6	28.9	22.4	71.3	0.0	2.7	2.7	8.3
21	17.2	23.0	19.2	81.7	9.3	0.0	9.3	.6
22	17.6	27.5	21.5	70.0	0.0	9.4	9.4	6.0
23	17.0	28.3	22.2	78.7	0.0	.4	.4	6.1
24	17.6	29.2	23.4	63.7	0.0	0.0	0.0	8.7
25	17.9	29.8	23.6	59.7	0.0	0.0	0.0	8.3
26	18.0	28.2	23.1	78.7	0.0	5.8	5.8	6.1
27	17.6	27.2	21.6	80.0	3.2	0.0	3.2	5.8
28	17.5	30.2	23.2	70.7	0.0	42.9	42.9	7.8
29	16.4	26.5	19.6	87.0	1.6	0.0	1.6	2.8
30	17.6	27.4	21.7	78.3	10.9	0.0	10.9	4.6
31	18.0	28.2	20.7	86.7	.6	0.0	.6	3.0
Total					76.9	110.3	187.2	134.6
Promedio	17.5	27.9	22.1	72.4				

Estación : LOS ANDES
Año : 1997

Dpto. : TOLIMA
Mpio. : PLANADAS

Latitud : 3 ° 11 ' N
Longitud : 75 ° 37 ' W
Altitud : 1400 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	19.0	25.4	21.4	78.7	0.0	0.0	0.0	2.2
2	17.4	28.2	21.8	68.0	0.0	0.0	0.0	4.0
3	19.2	27.0	22.2	76.3	0.0	0.0	0.0	3.2
4	17.6	27.8	22.5	73.0	0.0	.9	.9	4.8
5	18.0	26.6	20.7	84.3	0.0	0.0	0.0	.5
6	18.4	28.0	22.2	72.3	0.0	0.0	0.0	5.2
7	19.0	24.4	20.6	88.0	8.7	0.0	8.7	1.1
8	18.2	22.0	19.8	91.0	9.9	.1	10.0	.1
9	17.4	24.2	20.4	88.3	0.0	.7	.7	1.0
10	17.8	24.8	20.4	86.0	2.1	1.2	3.3	.9
11	17.1	27.9	21.8	80.3	.3	2.5	2.8	4.5
12	17.8	27.0	21.6	82.0	.2	24.7	24.9	5.0
13	17.2	25.8	20.6	86.7	.4	40.7	41.1	3.9
14	16.1	23.6	19.3	82.7	4.5	9.2	13.7	.5
15	16.4	23.5	18.5	82.7	6.4	0.0	6.4	1.3
16	16.0	25.6	20.2	81.7	6.0	0.0	6.0	4.9
17	17.0	24.8	19.5	87.3	0.0	3.0	3.0	1.1
18	17.2	27.4	20.8	83.0	15.0	5.3	20.3	4.1
19	17.0	25.8	20.8	85.0	.3	5.0	5.3	3.1
20	16.5	24.5	19.6	88.3	3.6	14.7	18.3	.9
21	16.8	25.0	19.9	87.0	3.9	0.0	3.9	2.4
22	17.2	28.3	22.5	67.3	0.0	0.0	0.0	10.1
23	16.6	28.9	21.5	68.7	0.0	0.0	0.0	5.9
24	18.4	26.8	20.6	88.3	0.0	9.6	9.6	2.8
25	17.5	24.4	19.9	88.7	3.2	20.1	23.3	1.5
26	16.8	24.2	20.0	88.0	3.8	9.0	12.8	6.9
27	17.5	22.6	19.5	90.0	0.0	7.6	7.6	.8
28	16.2	27.0	21.5	83.0	0.0	0.0	0.0	6.3
29	17.5	26.2	21.2	83.0	.2	.7	.9	5.3
30	16.9	25.4	20.4	76.7	6.0	0.0	6.0	3.8
31								
Total					74.5	155.0	229.5	98.1
Promedio	17.4	25.8	20.7	82.2				

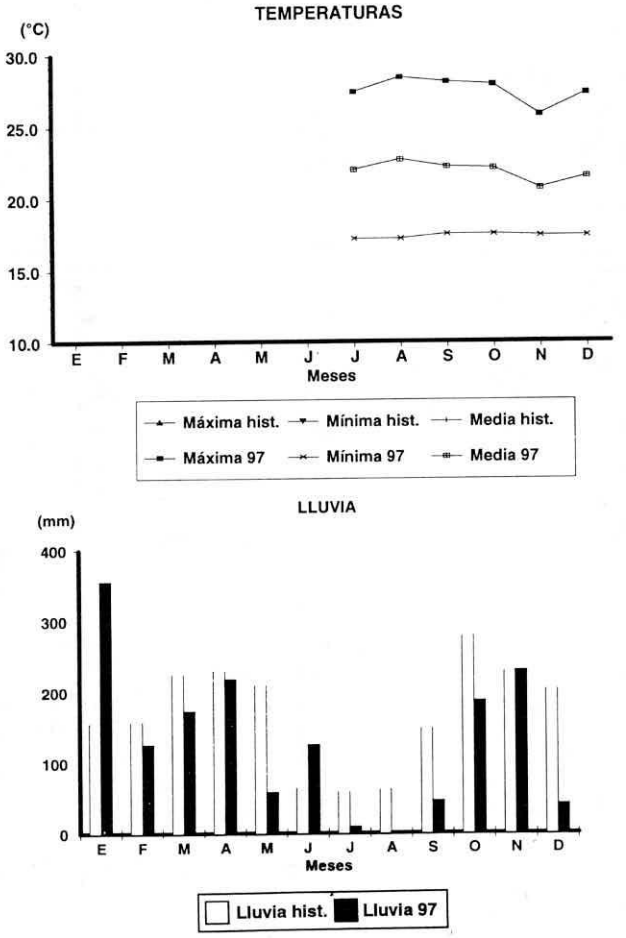
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	17.4	25.5	20.4	86.0	0.0	.6	.6	3.4
2	17.2	26.2	20.9	86.0	.8	1.2	2.0	6.0
3	17.0	28.2	21.4	81.0	1.1	0.0	1.1	7.5
4	16.4	28.7	21.2	73.7	0.0	0.0	0.0	9.4
5	17.2	27.4	21.9	68.7	0.0	0.0	0.0	5.1
6	18.0	28.8	22.6	65.3	0.0	0.0	0.0	5.3
7	19.0	28.6	23.2	59.7	0.0	0.0	0.0	6.3
8	18.0	27.8	22.6	69.3	0.0	0.0	0.0	4.6
9	16.8	28.6	21.9	75.0	0.0	0.0	0.0	9.7
10	17.4	29.1	23.2	68.0	0.0	0.0	0.0	9.0
11	17.8	28.8	22.0	80.0	0.0	0.0	0.0	8.5
12	17.5	27.2	21.8	88.3	0.0	17.3	17.3	7.1
13	17.5	26.6	21.2	84.0	0.0	0.0	0.0	6.0
14	17.2	26.2	20.7	81.7	.1	6.0	6.1	2.0
15	17.0	23.4	19.8	87.0	0.0	0.0	0.0	.3
16	17.4	24.0	19.8	86.3	0.0	0.0	0.0	1.0
17	18.0	26.2	20.9	84.0	0.0	0.0	0.0	4.3
18	17.4	27.6	21.9	79.7	0.0	2.5	2.5	7.1
19	16.2	27.9	21.3	81.7	.8	0.0	.8	6.4
20	17.6	26.0	21.4	79.0	0.0	0.0	0.0	7.6
21	17.2	28.1	22.2	71.0	0.0	0.0	0.0	3.9
22	16.6	26.4	21.0	69.3	0.0	0.0	0.0	.5
23	17.3	27.4	21.7	70.3	0.0	0.0	0.0	4.0
24	17.5	25.2	20.4	79.0	.4	0.0	.4	1.8
25	18.2	28.6	22.0	62.0	0.0	0.0	0.0	7.8
26	16.8	29.8	21.2	65.3	0.0	0.0	0.0	9.5
27	17.0	27.1	21.2	73.7	0.0	0.0	0.0	5.1
28	17.8	27.4	21.6	80.7	0.0	0.0	0.0	6.6
29	17.4	28.8	22.1	76.3	0.0	0.0	0.0	8.3
30	17.8	26.0	21.2	85.7	1.2	.8	2.0	2.6
31	17.6	27.6	21.2	81.3	0.0	8.6	8.6	4.6
Total					4.4	37.0	41.4	171.3
Promedio	17.4	27.3	21.5	76.7				

Estación : LOS ANDES
Año : 1997

Dpto. : TOLIMA
Mpio. : PLANADAS

Latitud : 3 ° 11 'N
Longitud : 75 ° 37 'W
Altitud : 1400 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero							355.7	29	96.4
Febrero							125.6	16	125.8
Marzo							173.1	15	88.5
Abril							218.0	19	
Mayo							58.6	19	
Junio							125.4	20	123.8
Julio	17.2	27.4	22.0		16.0	64.9	9.8	12	94.6
Agosto	17.2	28.4	22.7	32.0	15.4	61.1	2.9	6	141.4
Septiembre	17.5	28.1	22.2	31.6	15.6	64.6	45.8	10	89.0
Octubre	17.5	27.9	22.1	32.0	16.0	72.4	187.2	19	134.6
Noviembre	17.4	25.8	20.7	28.9	16.0	82.2	229.5	22	98.1
Diciembre	17.4	27.3	21.5	29.8	16.2	76.7	41.4	10	171.3
Promedio :									
Absoluta :									
Total :							1573.0	197	



Estación : CANADA
Año : 1997

Dpto. : VALLE
Mpio. : ANSERMANUEVO

Latitud : 4 ° 48 ' N
Longitud : 75 ° 57 ' W
Altitud : 930 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.5	26.5	21.2	85.3	6.3	2.2	8.5	0.0
2	19.2	28.5	22.1	78.7	1.0	.9	1.9	4.6
3	19.5	29.0	23.0	72.0	.9	0.0	.9	4.2
4	19.0	30.5	23.8	66.7	0.0	0.0	0.0	5.7
5	18.0	32.2	23.8	68.0	0.0	0.0	0.0	8.4
6	18.2	31.6	23.8	68.7	0.0	1.1	1.1	5.0
7	19.2	29.2	22.8	72.7	0.0	0.0	0.0	0.0
8	18.0	32.0	23.9	65.3	0.0	0.0	0.0	9.7
9	19.0	31.0	23.2	73.3	6.3	4.6	10.9	4.6
10	19.2	26.8	22.2	79.3	0.0	3.5	3.5	1.2
11	19.0	30.5	23.1	71.3	0.0	.5	.5	5.4
12	18.9	29.6	23.0	70.0	0.0	2.6	2.6	5.9
13	18.0	32.2	23.6	67.3	0.0	0.0	0.0	7.0
14	17.9	32.5	24.8	62.7	0.0	0.0	0.0	9.3
15	20.0	30.5	23.8	65.3	0.0	0.0	0.0	4.9
16	19.0	30.5	23.6	68.7	0.0	6.3	6.3	8.3
17	19.4	29.0	23.0	74.7	9.4	0.0	9.4	5.8
18	20.0	30.5	23.5	71.3	0.0	0.0	0.0	5.7
19	19.8	32.0	24.2	65.3	0.0	0.0	0.0	9.7
20	20.0	28.2	22.4	78.0	0.0	0.0	0.0	.5
21	19.0	30.2	23.7	66.7	0.0	6.9	6.9	3.6
22	18.0	31.0	23.2	72.7	0.0	0.0	0.0	7.5
23	18.8	31.0	22.2	72.7	0.0	0.0	0.0	8.4
24	18.0	31.2	23.4	66.7	0.0	0.0	0.0	8.6
25	19.1	31.8	24.0	64.0	0.0	8.3	8.3	6.9
26	19.0	30.0	23.4	69.3	0.0	18.0	18.0	6.4
27	17.2	29.9	22.5	68.0	0.0	.1	.1	6.4
28	18.2	31.8	23.8	63.3	0.0	0.0	0.0	7.0
29	18.5	32.1	23.4	59.3	0.0	0.0	0.0	6.8
30	19.0	32.0	24.0	62.0	0.0	7.7	7.7	7.4
31	19.1	31.0	23.4	62.7	0.0	10.0	10.0	9.9
Total :					23.9	72.7	96.6	184.8
Promedio :	18.9	30.5	23.3	69.4				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	29.5	22.6	60.7	0.0	.1	.1	4.6
2	18.2	31.0	23.4	60.0	0.0	0.0	0.0	9.3
3	17.7	32.0	23.5	58.7	1.5	0.0	1.5	7.1
4	19.0	29.0	21.6	63.3	6.5	0.0	6.5	3.9
5	17.0	30.5	22.6	61.3	0.0	5.4	5.4	6.2
6	18.8	30.5	23.2	62.7	0.0	3.9	3.9	5.5
7	19.0	31.2	23.0	63.3	0.0	.3	.3	5.3
8	19.0	28.2	22.2	65.3	.6	0.0	.6	1.8
9	18.9	30.8	23.5	63.3	0.0	0.0	0.0	3.6
10	19.8	29.0	23.2	64.0	0.0	.3	.3	.8
11	19.5	27.8	22.8	71.3	0.0	0.0	0.0	3.4
12	19.9	30.9	23.8	63.3	0.0	0.0	0.0	5.9
13	18.2	31.6	24.8	61.3	0.0	0.0	0.0	6.8
14	17.8	32.0	25.2	61.3	0.0	0.0	0.0	6.5
15	19.2	32.0	24.9	63.3	0.0	10.7	10.7	4.4
16	20.0	29.9	22.0	68.0	6.3	.6	6.9	1.3
17	19.5	31.2	22.5	66.0	3.0	0.0	3.0	9.4
18	18.8	32.6	24.0	62.7	0.0	0.0	0.0	9.0
19	20.0	32.9	25.2	64.0	0.0	0.0	0.0	7.8
20	20.2	31.2	25.1	66.7	0.0	0.0	0.0	4.1
21	20.8	34.2	25.2	59.3	0.0	0.0	0.0	7.9
22	20.1	34.0	23.4	66.0	19.3	0.0	19.3	7.9
23	20.0	31.2	24.8	68.0	0.0	0.0	0.0	3.1
24	19.9	32.9	24.2	67.3	.1	.5	.6	5.0
25	19.0	30.0	23.2	71.3	0.0	0.0	0.0	1.9
26	19.7	32.0	25.2	64.0	0.0	0.0	0.0	5.0
27	20.0	32.5	25.9	62.7	0.0	0.0	0.0	6.9
28	20.9	33.0	25.5	67.3	0.0	0.0	0.0	5.1
29								
30								
31								
Total :					37.3	21.8	59.1	149.5
Promedio :	19.3	31.2	23.8	64.2				

Estación : CANADA
Año : 1997

Dpto. : VALLE
Mpio. : ANSERMANUEVO

Latitud : 4 ° 48 ' N
Longitud : 75 ° 57 ' W
Altitud : 930 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.5	29.0	23.1	70.0	0.0	0.0	0.0	.3
2	20.0	32.0	24.0	54.7	0.0	.2	.2	5.6
3	20.8	32.2	24.2	66.0	0.0	.4	.4	5.6
4	20.1	32.9	25.9	59.3	0.0	1.3	1.3	7.3
5	19.2	25.9	21.5	73.3	3.6	0.0	3.6	.2
6	17.0	31.2	23.9	64.7	0.0	0.0	0.0	6.8
7	16.8	33.2	24.5	62.0	0.0	0.0	0.0	9.1
8	18.0	34.0	25.0	61.3	0.0	0.0	0.0	9.5
9	18.7	33.8	25.6	59.3	0.0	0.0	0.0	10.0
10	19.2	35.0	25.5	64.0	.3	0.0	.3	8.5
11	20.9	34.0	26.1	62.7	0.0	5.6	5.6	9.8
12	19.2	32.6	25.0	66.7	0.0	34.6	34.6	5.3
13	20.0	25.0	21.8	79.3	6.8	.4	7.2	.1
14	18.4	31.8	24.7	75.3	0.0	0.0	0.0	8.2
15	19.8	33.9	26.0	69.3	0.0	0.0	0.0	9.3
16	20.5	31.8	24.0	82.7	0.0	14.8	14.8	6.7
17	20.2	25.0	21.6	95.3	4.1	5.6	9.7	.2
18	20.0	29.5	23.4	79.3	.7	1.2	1.9	3.0
19	19.1	27.0	22.1	86.0	2.5	0.0	2.5	1.6
20	17.8	28.5	22.9	82.7	0.0	0.0	0.0	2.7
21	17.2	29.5	22.1	79.3	1.4	0.0	1.4	4.5
22	17.8	31.9	23.1	73.3	0.0	0.0	0.0	7.4
23	17.9	31.0	23.2	73.3	0.0	0.0	0.0	10.1
24	16.8	33.2	24.1	66.7	0.0	0.0	0.0	9.6
25	16.9	32.5	23.9	70.7	0.0	0.0	0.0	9.0
26	17.0	32.2	23.8	67.3	0.0	0.0	0.0	9.3
27	18.0	32.1	23.8	67.3	0.0	0.0	0.0	7.4
28	17.2	32.2	24.6	66.7	0.0	2.0	2.0	9.6
29	18.7	32.0	24.5	71.3	0.0	2.1	2.1	6.9
30	18.9	30.0	21.5	82.0	19.5	.4	19.9	3.0
31	17.8	31.9	22.8	78.7	4.3	0.0	4.3	6.6
Total :					43.2	68.6	111.8	193.2
Promedio :	18.7	31.2	23.8	71.3				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	29.2	23.6	78.7	0.0	0.0	0.0	2.2
2	18.7	32.6	25.2	72.7	0.0	0.0	0.0	8.7
3	19.2	33.5	24.0	78.0	2.6	7.0	9.6	9.6
4	20.3	29.6	23.8	79.3	.6	0.0	.6	3.0
5	19.0	31.9	24.8	73.3	0.0	17.7	17.7	8.9
6	20.0	32.2	22.9	79.3	2.0	0.0	2.0	7.6
7	18.8	31.8	24.2	76.7	0.0	0.0	0.0	6.2
8	19.2	32.0	23.8	77.3	0.0	0.0	0.0	5.2
9	20.3	32.8	25.2	72.0	.6	.3	.9	6.3
10	20.0	30.2	23.8	78.0	0.0	0.0	0.0	1.4
11	20.5	28.8	23.8	81.3	0.0	0.0	0.0	.9
12	20.0	33.2	25.0	70.7	0.0	0.0	0.0	8.0
13	20.0	30.2	22.6	78.0	0.0	0.0	0.0	3.9
14	18.8	32.2	23.5	79.3	6.5	0.0	6.5	6.9
15	19.0	31.0	23.0	81.3	2.6	0.0	2.6	5.1
16	18.7	33.0	25.4	72.0	0.0	28.7	28.7	8.9
17	20.0	30.2	23.1	82.7	5.5	0.0	5.5	4.2
18	20.2	29.2	24.1	77.3	0.0	5.4	5.4	.6
19	19.8	29.8	23.0	82.0	.9	26.4	27.3	4.5
20	18.9	26.2	21.6	90.0	1.6	1.3	2.9	0.0
21	19.8	29.2	22.6	82.0	.1	0.0	.1	2.6
22	19.2	27.0	21.4	87.3	9.5	0.0	9.5	.5
23	19.2	30.0	23.5	75.3	0.0	0.0	0.0	4.5
24	19.2	30.2	24.0	70.7	0.0	0.0	0.0	5.3
25	19.3	26.2	21.8	88.7	0.0	0.0	0.0	1.1
26	19.0	31.2	23.0	76.7	0.0	4.4	4.4	7.4
27	19.0	30.2	23.8	76.7	0.0	0.0	0.0	6.0
28	18.5	31.8	22.8	81.3	4.4	.1	4.5	7.9
29	19.0	31.5	24.9	71.3	0.0	0.0	0.0	9.4
30	18.9	30.5	24.3	78.0	0.0	0.0	0.0	3.4
31								
Total :					36.9	91.3	128.2	150.2
Promedio :	19.4	30.6	23.6	78.3				

Estación : CANADA
Año : 1997

Dpto. : VALLE
Mpio. : ANSERMANUEVO

Latitud : 4 ° 48 ' N
Longitud : 75 ° 57 ' W
Altitud : 930 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	31.0	24.6	72.0	0.0	0.0	0.0	7.4
2	19.8	31.5	25.0	79.3	0.0	0.0	0.0	3.9
3	19.0	32.0	24.9	78.0	0.0	0.0	0.0	4.1
4	21.0	32.2	24.2	78.0	0.0	0.0	0.0	3.5
5	18.0	32.2	25.0	75.0	0.0	0.0	0.0	8.1
6	20.5	31.2	23.4	79.3	4.8	0.0	4.8	4.0
7	20.0	31.5	23.6	76.0	0.0	0.0	0.0	3.8
8	16.8	32.5	25.0	71.3	0.0	0.0	0.0	9.5
9	19.0	31.2	23.6	80.7	1.9	1.2	3.1	3.8
10	20.0	30.5	23.8	80.7	0.0	36.7	36.7	5.7
11	19.2	27.0	22.0	84.0	0.0	0.0	0.0	.3
12	18.0	31.0	23.5	78.7	0.0	0.0	0.0	6.9
13	19.0	30.5	21.8	82.7	36.6	0.0	36.6	5.6
14	18.0	31.0	22.3	80.7	24.4	0.0	24.4	6.3
15	18.8	30.5	22.8	80.0	0.0	0.0	0.0	6.1
16	19.6	30.2	24.6	78.0	0.0	0.0	0.0	6.8
17	18.5	33.4	24.8	76.0	0.0	0.0	0.0	7.7
18	18.8	32.2	26.2	71.3	0.0	0.0	0.0	6.8
19	21.0	30.2	24.9	77.3	0.0	0.0	0.0	1.2
20	20.8	30.0	24.9	80.0	0.0	0.0	0.0	4.9
21	19.3	31.2	24.4	76.0	0.0	8.7	8.7	6.1
22	20.0	31.2	23.8	78.7	0.0	0.0	0.0	5.3
23	17.8	32.5	25.8	70.0	0.0	0.0	0.0	8.9
24	20.8	31.0	24.8	79.3	0.0	0.0	0.0	4.8
25	20.1	28.0	22.8	84.0	0.0	0.0	0.0	0.0
26	19.2	27.0	22.7	84.7	0.0	11.6	11.6	.7
27	19.0	29.0	23.7	82.0	0.0	0.0	0.0	3.1
28	20.9	29.8	24.0	82.0	0.0	0.0	0.0	1.8
29	19.7	31.5	25.2	74.0	0.0	0.0	0.0	6.6
30	20.2	29.0	23.1	82.7	1.8	0.0	1.8	1.9
31	18.3	29.0	23.5	84.0	0.0	0.0	0.0	1.5
Total :					69.5	58.2	127.7	147.1
Promedio :	19.3	30.7	24.0	78.6				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.5	32.0	23.9	78.0	0.0	0.0	0.0	6.4
2	19.2	30.0	24.7	76.0	1.8	0.0	1.8	3.8
3	19.0	33.0	24.3	77.3	0.0	30.0	30.0	5.3
4	19.2	23.2	20.8	90.0	7.8	0.0	7.8	0.0
5	18.8	30.5	22.9	79.3	0.0	17.2	17.2	6.9
6	20.0	30.2	23.0	84.7	0.0	8.8	8.8	5.0
7	19.8	26.2	22.4	82.7	2.0	0.0	2.0	0.0
8	18.4	26.2	21.8	86.7	0.0	0.0	0.0	1.2
9	18.0	31.0	22.7	82.7	4.1	0.0	4.1	5.9
10	18.3	30.5	23.2	78.7	0.0	10.9	10.9	8.9
11	19.7	29.0	24.3	82.7	0.0	18.6	18.6	3.1
12	19.1	30.2	23.2	81.3	0.0	0.0	0.0	5.9
13	19.0	29.0	22.5	82.0	0.0	1.0	1.0	2.2
14	18.0	30.2	23.2	79.3	0.0	0.0	0.0	6.8
15	18.2	32.0	24.2	76.0	0.0	0.0	0.0	8.5
16	20.8	30.8	24.6	80.7	0.0	0.0	0.0	4.0
17	19.5	29.9	23.1	80.7	6.1	0.0	6.1	3.7
18	19.2	29.5	23.1	80.7	0.0	22.8	22.8	5.5
19	19.0	28.2	23.2	83.3	0.0	0.0	0.0	2.8
20	19.7	31.0	24.8	72.7	0.0	0.0	0.0	6.0
21	18.5	31.5	24.5	69.3	0.0	0.0	0.0	7.6
22	17.9	32.5	25.0	72.7	0.0	0.0	0.0	9.2
23	19.0	32.0	24.8	81.3	0.0	0.0	0.0	5.9
24	18.9	29.8	23.6	80.7	0.0	0.0	0.0	.9
25	19.1	30.5	22.4	81.3	0.0	4.0	4.0	6.1
26	19.3	28.5	22.9	82.7	0.0	0.0	0.0	1.3
27	18.8	31.6	24.0	77.3	0.0	0.0	0.0	8.1
28	18.6	31.2	24.4	72.0	0.0	1.4	1.4	7.1
29	20.0	32.8	25.2	75.3	0.0	4.8	4.8	7.9
30	19.8	31.2	24.5	72.7	0.0	2.5	2.5	8.3
31								
Total :					21.8	122.0	143.8	154.3
Promedio :	19.1	30.1	23.6	79.4				

Estación : CANADA **Dpto. : VALLE** **Latitud : 4 ° 48 ' N**
Año : 1997 **Mpio. : ANSERMANUEVO** **Longitud : 75 ° 57 ' W**
Altitud : 930 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	31.5	24.9	77.3	0.0	0.0	0.0	6.8
2	18.0	32.0	23.8	74.0	0.0	0.0	0.0	8.3
3	18.5	31.0	24.2	78.7	0.0	0.0	0.0	5.2
4	17.8	33.2	24.9	70.7	0.0	0.0	0.0	8.1
5	17.5	31.2	25.3	74.7	0.0	0.0	0.0	3.9
6	18.3	34.2	26.0	69.3	0.0	0.0	0.0	9.4
7	20.2	32.2	24.9	77.3	0.0	0.0	0.0	5.0
8	18.3	29.2	24.5	81.3	0.0	0.0	0.0	3.2
9	19.1	28.0	23.7	79.3	0.0	0.0	0.0	0.0
10	20.0	31.2	24.2	79.3	0.0	0.0	0.0	2.1
11	18.0	31.6	24.8	74.0	0.0	0.0	0.0	6.0
12	18.2	34.0	24.9	68.0	0.0	0.0	0.0	7.5
13	15.5	33.5	25.2	70.0	0.0	0.0	0.0	6.1
14	17.2	32.5	24.4	74.7	0.0	0.0	0.0	3.7
15	17.0	31.0	24.9	74.7	0.0	0.0	0.0	6.6
16	19.3	31.2	25.1	72.7	0.0	0.0	0.0	5.5
17	19.5	32.2	25.8	70.7	0.0	0.0	0.0	7.6
18	18.8	35.5	26.4	63.3	0.0	0.0	0.0	10.1
19	17.2	35.0	26.7	64.7	0.0	0.0	0.0	8.6
20	16.5	34.2	26.6	61.3	0.0	0.0	0.0	9.5
21	17.0	33.5	25.2	76.7	0.0	0.0	0.0	6.6
22	16.9	32.2	24.3	77.3	0.0	0.0	0.0	4.9
23	16.7	36.0	27.6	62.0	0.0	0.0	0.0	10.4
24	16.3	35.8	28.2	56.0	0.0	0.0	0.0	9.9
25	18.5	31.2	23.7	79.3	0.0	0.0	0.0	.6
26	16.2	34.9	24.7	68.7	0.0	0.0	0.0	8.4
27	18.0	30.2	23.8	83.3	0.0	0.0	0.0	8.0
28	17.0	30.0	24.6	74.7	0.0	0.0	0.0	4.2
29	18.8	33.0	24.4	72.7	0.0	0.0	0.0	7.4
30	19.8	32.0	24.9	74.3	0.0	0.0	0.0	7.3
31	18.0	34.0	26.0	72.0	0.0	0.0	0.0	9.3
Total :					0.0	0.0	0.0	200.2
Promedio :	18.0	32.5	25.1	72.7				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.2	35.5	26.4	66.0	0.0	0.0	0.0	10.1
2	18.9	32.0	27.0	75.3	0.0	0.0	0.0	2.3
3	17.2	34.2	25.8	72.0	0.0	0.0	0.0	8.0
4	16.2	34.5	25.6	69.3	0.0	0.0	0.0	6.1
5	17.7	36.2	26.4	66.0	0.0	0.0	0.0	9.0
6	19.0	35.0	26.2	70.0	0.0	0.0	0.0	5.5
7	19.2	36.0	27.4	62.7	0.0	0.0	0.0	7.3
8	16.8	34.5	26.6	56.7	0.0	0.0	0.0	7.4
9	17.5	32.2	24.2	60.7	0.0	0.0	0.0	.4
10	17.8	32.5	25.8	50.7	0.0	0.0	0.0	5.9
11	17.3	34.2	25.5	64.0	0.0	0.0	0.0	5.3
12	18.2	33.2	25.8	64.0	0.0	0.0	0.0	5.5
13	18.8	33.2	25.5	65.3	0.0	0.0	0.0	4.5
14	19.2	30.2	23.2	84.0	2.4	0.0	2.4	5.6
15	16.5	34.2	25.8	59.3	0.0	0.0	0.0	7.3
16	17.8	34.0	25.3	64.7	0.0	0.0	0.0	7.6
17	18.0	34.2	26.3	60.7	0.0	0.0	0.0	7.1
18	18.1	34.2	25.3	64.7	0.0	0.0	0.0	6.2
19	18.0	32.2	24.6	69.3	.4	0.0	.4	5.0
20	17.3	36.0	26.0	56.7	0.0	0.0	0.0	8.9
21	15.0	35.0	26.2	56.0	0.0	0.0	0.0	8.5
22	18.2	34.2	26.1	62.0	0.0	0.0	0.0	4.9
23	17.5	33.0	24.2	70.0	.6	0.0	.6	6.5
24	17.2	34.2	26.3	57.3	0.0	0.0	0.0	5.9
25	17.0	35.2	27.0	60.7	0.0	0.0	0.0	8.9
26	19.0	34.8	27.2	64.7	0.0	0.0	0.0	4.7
27	19.1	34.2	26.5	52.7	0.0	0.0	0.0	2.7
28	15.8	36.2	27.2	49.7	0.0	0.0	0.0	10.0
29	16.5	34.5	25.9	53.3	0.0	0.0	0.0	8.1
30	17.0	34.5	26.8	58.0	0.0	0.0	0.0	8.8
31	18.2	35.2	27.2	56.7	0.0	0.0	0.0	8.0
Total :					3.4	0.0	3.4	202.0
Promedio :	17.7	34.2	26.0	62.7				

Estación : CANADA
Año : 1997

Dpto. : VALLE
Mpio. : ANSERMANUEVO

Latitud : 4 ° 48 ' N
Longitud : 75 ° 57 ' W
Altitud : 930 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	33.0	23.6	74.7	16.7	0.0	16.7	4.9
2	18.5	31.8	24.0	69.3	0.0	0.0	0.0	3.7
3	18.2	32.0	25.6	60.7	0.0	0.0	0.0	6.1
4	18.9	34.8	25.4	64.0	1.7	0.0	1.7	8.5
5	19.9	34.2	26.2	64.7	0.0	5.6	5.6	6.2
6	18.7	31.2	24.0	68.0	0.0	0.0	0.0	6.9
7	19.0	33.0	24.2	70.7	.3	5.8	6.1	6.4
8	20.0	31.2	23.5	76.7	.5	.8	1.3	3.7
9	20.5	32.0	24.6	68.7	0.0	0.0	0.0	4.1
10	19.5	32.8	26.0	63.3	0.0	0.0	0.0	4.8
11	19.0	33.0	25.8	66.0	0.0	0.0	0.0	3.2
12	18.9	32.0	25.8	66.0	0.0	0.0	0.0	1.6
13	19.5	34.0	26.0	62.7	0.0	0.0	0.0	5.6
14	19.0	33.0	26.8	56.7	0.0	0.0	0.0	6.3
15	18.5	35.2	27.0	60.7	0.0	0.0	0.0	7.9
16	20.0	33.2	26.2	62.7	0.0	0.0	0.0	4.1
17	18.0	34.0	26.1	60.0	0.0	0.0	0.0	4.5
18	17.5	33.2	25.6	63.3	0.0	0.0	0.0	5.9
19	19.0	32.8	24.4	67.3	0.0	16.8	16.8	1.7
20	19.1	30.2	23.0	76.7	.8	0.0	.8	4.5
21	18.9	33.2	24.0	72.7	1.8	26.2	28.0	6.9
22	19.0	32.2	23.2	76.0	.1	.3	.4	4.8
23	20.5	31.0	23.9	73.3	0.0	2.2	2.2	3.4
24	19.0	28.8	23.8	83.3	24.0	.3	24.3	2.4
25	20.0	31.2	24.8	66.7	0.0	2.0	2.0	5.0
26	19.5	30.5	24.4	76.0	0.0	0.0	0.0	3.4
27	19.8	32.0	24.1	76.7	.2	0.0	.2	5.2
28	19.2	30.5	22.8	79.3	3.4	0.0	3.4	3.2
29	17.0	33.0	24.6	70.7	0.0	0.0	0.0	9.9
30	17.8	33.2	25.8	62.0	0.0	3.7	3.7	8.3
31								
Total :					49.5	63.7	113.2	153.1
Promedio :	19.0	32.4	24.8	68.7				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.7	33.2	24.2	69.3	0.0	0.0	0.0	7.1
2	20.0	31.0	23.0	78.0	6.9	1.0	7.9	4.0
3	19.2	28.2	23.5	80.0	.1	0.0	.1	.3
4	19.0	34.0	25.8	61.3	0.0	0.0	0.0	8.4
5	20.0	31.8	24.9	70.7	0.0	0.0	0.0	6.0
6	19.8	32.8	25.8	68.3	0.0	0.0	0.0	8.8
7	17.7	33.0	25.2	67.3	0.0	0.0	0.0	6.2
8	18.0	32.0	25.1	64.7	0.0	0.0	0.0	3.8
9	19.0	33.0	25.0	66.0	0.0	1.2	1.2	7.3
10	20.0	31.8	24.5	75.0	0.0	0.0	0.0	6.6
11	20.5	30.8	24.2	72.7	0.0	1.7	1.7	3.1
12	20.0	31.8	25.1	66.0	0.0	2.7	2.7	7.5
13	19.2	30.6	23.9	72.7	0.0	0.0	0.0	5.3
14	17.8	32.2	25.1	61.3	0.0	0.0	0.0	8.2
15	17.7	31.2	24.4	65.3	0.0	0.0	0.0	6.0
16	19.0	30.5	23.9	71.3	0.0	.5	.5	3.4
17	19.5	31.0	24.4	67.3	0.0	1.7	1.7	5.1
18	19.3	32.0	23.1	78.0	0.0	13.6	13.6	6.4
19	19.1	31.0	24.1	74.7	0.0	0.0	0.0	6.8
20	19.5	33.2	25.9	64.7	0.0	7.2	7.2	7.0
21	19.7	31.0	23.8	73.3	0.0	6.4	6.4	6.8
22	19.8	30.5	24.2	72.7	7.3	0.0	7.3	4.4
23	17.7	32.9	24.9	72.7	0.0	0.0	0.0	8.9
24	20.0	33.2	25.1	70.7	0.0	0.0	0.0	6.9
25	18.5	33.0	26.0	65.3	0.0	0.0	0.0	6.2
26	19.5	33.5	26.5	64.7	0.0	0.0	0.0	7.2
27	20.2	33.2	25.2	70.0	0.0	0.0	0.0	5.3
28	20.5	31.0	25.1	70.7	.8	29.1	29.9	4.7
29	20.0	32.0	24.2	72.7	1.5	0.0	1.5	5.4
30	19.7	33.0	24.5	70.7	0.0	0.0	0.0	6.9
31	20.0	31.0	22.9	76.7	0.0	0.0	0.0	5.7
Total :					16.6	65.1	81.7	185.7
Promedio :	19.3	31.9	24.6	70.2				

Estación : CANADA
Año : 1997

Dpto. : VALLE
Mpio. : ANSERMANUEVO

Latitud : 4 ° 48 ' N
Longitud : 75 ° 57 ' W
Altitud : 930 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	32.0	24.6	71.3	0.0	0.0	0.0	5.3
2	19.2	34.2	25.5	68.7	0.0	0.0	0.0	8.7
3	21.0	30.0	24.8	73.3	0.0	0.0	0.0	.2
4	20.0	31.2	23.8	78.7	0.0	0.0	0.0	3.9
5	20.5	32.2	24.8	70.0	0.0	0.0	0.0	5.0
6	20.0	33.0	24.2	72.7	0.0	0.0	0.0	6.1
7	20.5	30.2	24.0	71.3	0.0	.4	.4	2.0
8	20.0	28.0	21.8	86.7	8.0	.7	8.7	.1
9	19.2	28.5	22.2	78.7	0.0	.9	.9	1.0
10	19.8	30.0	24.4	72.0	0.0	7.7	7.7	5.4
11	19.9	32.5	24.6	72.7	0.0	16.4	16.4	7.9
12	20.0	30.2	23.9	70.7	0.0	0.0	0.0	5.0
13	20.1	29.2	23.1	74.0	0.0	0.0	0.0	6.7
14	19.5	31.2	22.1	74.0	5.0	.7	5.7	4.5
15	18.8	28.0	22.6	77.3	0.0	0.0	0.0	3.4
16	18.0	30.2	22.8	72.0	0.0	0.0	0.0	7.2
17	19.5	30.5	22.8	76.0	0.0	0.0	0.0	2.3
18	19.3	31.2	24.4	70.0	0.0	0.0	0.0	7.2
19	20.1	32.2	23.8	74.7	0.0	2.5	2.5	4.0
20	19.8	30.4	23.2	75.3	0.0	0.0	0.0	5.4
21	18.2	31.0	24.9	70.7	0.0	0.0	0.0	8.4
22	20.0	33.0	25.1	68.0	0.0	0.0	0.0	7.3
23	19.7	33.2	24.1	74.0	0.0	3.4	3.4	6.5
24	20.2	32.0	23.2	77.0	21.4	.4	21.8	7.0
25	20.6	28.2	22.6	81.3	0.0	2.3	2.3	1.5
26	19.2	27.9	22.2	78.7	4.5	0.0	4.5	.9
27	19.3	31.5	23.4	74.7	0.0	0.0	0.0	6.1
28	18.5	33.2	25.2	66.0	0.0	.3	.3	10.2
29	20.0	31.0	24.5	70.7	0.0	0.0	0.0	8.6
30	18.2	30.8	24.8	67.7	0.0	0.0	0.0	8.9
31								
Total :					38.9	35.7	74.6	156.7
Promedio :	19.6	30.9	23.8	73.6				

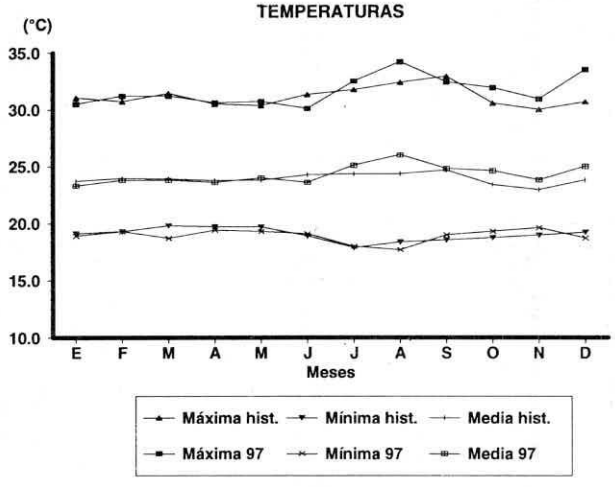
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.8	33.0	24.4	71.7	0.0	8.4	8.4	7.1
2	19.0	31.2	22.6	76.0	6.8	5.4	12.2	8.0
3	20.0	31.4	23.6	75.7	1.1	0.0	1.1	7.8
4	17.8	32.5	24.2	71.7	0.0	0.0	0.0	10.1
5	18.0	33.2	24.1	72.7	0.0	0.0	0.0	10.0
6	18.8	33.8	25.1	72.0	0.0	0.0	0.0	7.9
7	18.5	34.0	25.9	63.3	0.0	0.0	0.0	8.6
8	18.0	34.2	25.4	70.0	0.0	0.0	0.0	9.5
9	18.6	33.0	25.2	72.0	0.0	0.0	0.0	8.5
10	19.2	33.2	25.6	66.0	.5	0.0	.5	8.3
11	20.0	34.0	24.8	66.0	0.0	0.0	0.0	7.8
12	20.2	32.5	25.4	70.0	0.0	0.0	0.0	7.4
13	19.0	33.2	25.4	65.3	0.0	0.0	0.0	7.9
14	17.8	33.0	22.5	75.3	4.7	7.0	11.7	7.2
15	19.0	30.0	24.2	74.3	0.0	0.0	0.0	4.7
16	19.2	34.0	25.6	67.3	0.0	1.5	1.5	9.7
17	20.0	33.2	25.1	68.0	0.0	0.0	0.0	8.4
18	19.3	34.2	24.9	62.7	0.0	0.0	0.0	7.0
19	17.9	33.8	25.6	63.3	0.0	0.0	0.0	9.8
20	18.8	33.2	25.5	70.0	0.0	0.0	0.0	8.1
21	19.0	34.0	25.8	64.7	0.0	0.0	0.0	8.8
22	18.1	34.5	26.1	62.3	0.0	0.0	0.0	7.2
23	17.5	36.0	26.1	57.3	0.0	0.0	0.0	10.0
24	18.2	35.2	25.9	61.7	0.0	0.0	0.0	10.1
25	18.0	33.5	25.9	64.7	0.0	0.0	0.0	6.7
26	19.8	34.5	26.4	59.0	0.0	0.0	0.0	9.6
27	18.8	34.2	25.4	66.7	0.0	0.0	0.0	8.2
28	18.0	34.8	25.8	62.7	0.0	0.0	0.0	9.6
29	18.1	34.0	25.9	73.0	.7	0.0	.7	9.9
30	17.2	32.3	24.4	63.7	0.0	0.0	0.0	6.5
31	16.7	34.0	24.4	62.0	0.0	0.0	0.0	7.9
Total :					13.8	22.3	36.1	258.3
Promedio :	18.7	33.5	25.0	67.5				

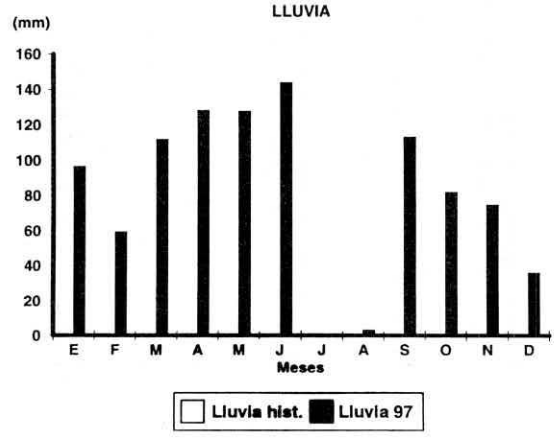
Estación : CANADA
Año : 1997

Dpto. : VALLE
Mpio. : ANSERMANUEVO

Latitud : 4 ° 48 'N
Longitud : 75 ° 57 'W
Altitud : 930 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	18.9	30.5	23.3	32.5	17.2	69.4	96.6	16	184.8
Febrero	19.3	31.2	23.8	34.2	17.0	64.2	59.1	13	149.5
Marzo	18.7	31.2	23.8	35.0	16.8	71.3	111.8	17	193.2
Abril	19.4	30.6	23.6	33.5	18.5	78.3	128.2	16	150.2
Mayo	19.3	30.7	24.0	33.4	16.8	78.6	127.7	8	147.1
Junio	19.1	30.1	23.6	33.0	17.9	79.4	143.8	16	154.3
Julio	18.0	32.5	25.1	36.0	15.5	72.7	0.0	0	200.2
Agosto	17.7	34.2	26.0	36.2	15.0	62.7	3.4	3	202.0
Septiembre	19.0	32.4	24.8	35.2	17.0	68.7	113.2	15	153.1
Octubre	19.3	31.9	24.6	34.0	17.7	70.2	81.7	13	185.7
Noviembre	19.6	30.9	23.8	34.2	18.0	73.6	74.6	12	156.7
Diciembre	18.7	33.5	25.0	36.0	16.7	67.5	36.1	7	258.3
Promedio :	18.9	31.6	24.3			71.4			
Absoluta :				36.2	15.0				
Total :							976.2	136	2135.1





Estación : ALBAN
Año : 1997

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	21.7	17.5	94.7	16.3	0.0	16.3	.4
2	16.0	20.8	17.8	89.3	1.8	0.0	1.8	.3
3	15.9	21.7	18.4	90.0	1.5	8.0	9.5	.3
4	15.4	22.5	18.9	87.3	3.8	0.0	3.8	.2
5	14.7	24.8	19.0	87.7	0.0	.2	.2	6.2
6	16.9	23.8	19.6	83.3	.2	.2	.4	1.5
7	16.5	21.5	18.5	93.0	1.8	0.0	1.8	.1
8	15.6	23.9	19 0	86.0	0.0	0.0	0.0	5.7
9	15.6	23.3	19.0	87.0	5.9	12.6	18.5	.4
10	16.2	20.4	17.9	94.7	22.7	23.0	45.7	0.0
11	16.0	24.1	19.3	84.7	2.7	16.6	19.3	2.5
12	16.4	23.2	19.3	85.7	0.0	1.7	1.7	4.0
13	15.2	24.8	19.6	82.3	0.0	.2	.2	6.5
14	14.6	24.2	19.6	82.7	0.0	8.8	8.8	5.7
15	17.1	21.9	18.4	90.7	4.7	.5	5.2	1.0
16	16.5	23.5	18.7	86.0	0.0	5.4	5.4	1.8
17	16.4	23.6	18.8	87.3	15.3	0.0	15.3	1.1
18	15.6	22.3	18.7	87.3	.3	.1	.4	.7
19	15.8	25.8	19.8	80.3	0.0	4.1	4.1	6.7
20	16.1	22.3	18.4	89.7	2.5	0.0	2.5	0.0
21	15.5	22.4	18.5	88.0	.4	.3	.7	.1
22	15.2	23.7	19.2	83.7	0.0	1.3	1.3	2.4
23	16.6	23.5	18.7	89.3	1.7	8.1	9.8	1.8
24	13.9	25.0	19.0	81.7	0.0	0.0	0.0	5.8
25	15.7	23.8	19.2	84.3	0.0	10.7	10.7	3.4
26	15.9	24.9	19.2	85.3	5.0	10.4	15.4	2.8
27	14.7	24.8	19.1	84.7	0.0	.7	.7	4.3
28	15.9	25.2	19.9	82.0	0.0	.2	.2	5.8
29	15.5	25.0	19.8	80.3	0.0	6.0	6.0	5.6
30	15.7	24.1	18.9	84.7	0.0	0.0	0.0	3.3
31	15.1	24.9	19.4	82.3	0.0	3.6	3.6	4.8
Total :					86.6	122.7	209.3	85.2
Promedio :	15.8	23.5	18.9	86.3				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.3	23.4	19.0	86.7	2.1	0.0	2.1	2.8
2	15.6	23.9	19.2	83.0	0.0	0.0	0.0	3.2
3	14.4	24.7	19.6	82.7	3.4	6.9	10.3	3.6
4	14.6	22.6	18.2	84.7	0.0	0.0	0.0	1.0
5	13.9	24.3	18.0	84.3	0.0	0.0	0.0	3.4
6	15.8	24.3	18.9	83.0	0.0	2.9	2.9	2.8
7	16.0	22.2	18.4	86.0	10.2	0.0	10.2	2.6
8	15.9	24.2	19.0	85.3	0.0	0.0	0.0	1.9
9	15.2	25.7	19.7	81.7	0.0	8.1	8.1	2.0
10	15.6	24.1	19.7	85.3	0.0	0.0	0.0	.4
11	16.7	24.0	19.4	83.7	.2	1.0	1.2	.4
12	15.8	25.1	18.8	88.7	0.0	39.0	39.0	3.3
13	15.4	24.5	20.0	79.3	0.0	0.0	0.0	5.7
14	15.4	25.0	20.4	83.3	0.0	0.0	0.0	5.1
15	18.2	25.3	20.6	84.0	0.0	0.0	0.0	2.4
16	16.4	25.5	20.2	82.7	0.0	0.0	0.0	.9
17	15.7	25.0	19.5	83.0	.2	0.0	.2	3.1
18	15.9	25.9	20.0	83.0	.6	0.0	.6	4.9
19	16.6	25.4	20.5	82.3	0.0	.3	.3	4.9
20	17.8	25.3	20.4	84.3	0.0	0.0	0.0	1.9
21	17.2	26.0	20.8	79.0	0.0	.1	.1	5.4
22	16.4	25.7	20.5	85.3	2.5	4.5	7.0	5.9
23	17.6	24.5	20.6	83.7	0.0	0.0	0.0	3.2
24	16.2	26.5	20.7	82.3	1.3	11.3	12.6	3.3
25	15.8	24.7	19.9	82.7	0.0	0.0	0.0	.2
26	16.8	26.2	20.7	82.0	0.0	0.0	0.0	3.4
27	16.0	26.0	20.8	84.0	.7	0.0	.7	5.4
28	17.3	26.7	21.6	80.7	0.0	0.0	0.0	4.3
29								
30								
31								
Total :					21.2	74.1	95.3	87.4
Promedio :	16.1	24.9	19.8	83.5				

Estación : ALBAN
Año : 1997

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	23.8	19.8	87.7	.1	0.0	.1	0.0
2	16.4	27.2	20.3	82.7	0.0	7.6	7.6	5.3
3	17.8	25.2	20.8	84.3	1.5	0.0	1.5	2.2
4	16.9	25.3	20.8	84.0	0.0	24.2	24.2	3.5
5	16.4	24.3	19.0	86.0	1.0	0.0	1.0	.4
6	13.8	27.2	20.2	80.0	0.0	0.0	0.0	6.8
7	15.2	28.7	20.7	76.0	0.0	0.0	0.0	7.8
8	15.3	28.0	20.6	82.3	0.0	0.0	0.0	6.1
9	17.1	25.5	20.1	86.0	0.0	0.0	0.0	5.3
10	16.6	26.4	20.8	80.7	0.0	9.4	9.4	5.0
11	17.9	27.1	21.0	82.3	0.0	.1	.1	5.0
12	17.1	26.1	20.7	86.3	0.0	.9	.9	2.5
13	16.9	20.2	18.3	94.3	15.5	0.0	15.5	0.0
14	13.3	27.8	20.8	80.3	0.0	0.0	0.0	7.9
15	17.0	26.7	20.9	81.3	0.0	0.0	0.0	7.4
16	17.8	24.3	19.8	83.7	0.0	31.0	31.0	1.4
17	16.8	21.3	18.8	89.3	7.3	2.1	9.4	0.0
18	16.4	23.2	19.2	87.3	3.4	.5	3.9	.8
19	16.0	25.0	18.9	87.0	3.0	0.0	3.0	2.2
20	15.6	25.0	19.7	80.3	5.1	0.0	5.1	3.4
21	13.6	25.2	18.7	80.3	1.3	0.0	1.3	2.8
22	13.2	25.0	19.5	79.0	0.0	0.0	0.0	6.7
23	16.0	24.8	19.4	82.3	.2	0.0	.2	5.8
24	13.2	25.5	19.5	78.3	0.0	0.0	0.0	7.1
25	14.2	25.0	19.4	77.7	0.0	0.0	0.0	7.6
26	13.0	24.7	18.6	82.0	0.0	0.0	0.0	6.7
27	13.7	26.6	19.3	77.7	0.0	0.0	0.0	5.2
28	12.1	24.1	18.4	78.3	0.0	0.0	0.0	5.6
29	15.1	25.1	20.2	80.0	0.0	0.0	0.0	3.7
30	15.0	22.6	18.6	84.3	.4	0.0	.4	1.7
31	14.5	23.4	18.6	86.3	.8	0.0	.8	2.2
Total :					39.6	75.8	115.4	128.1
Promedio :	15.5	25.2	19.7	82.8				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	24.3	19.0	84.3	.8	0.0	.8	1.4
2	15.6	29.1	20.4	81.7	0.0	0.0	0.0	6.9
3	16.7	25.1	19.2	88.3	0.0	10.2	10.2	6.1
4	15.9	25.6	19.6	82.7	22.5	0.0	22.5	4.2
5	15.8	25.0	19.6	86.3	0.0	0.0	0.0	6.6
6	16.6	25.7	20.0	87.3	0.0	.3	.3	5.8
7	16.1	25.2	19.6	83.3	0.0	0.0	0.0	6.5
8	15.7	24.8	19.7	85.3	0.0	.2	.2	3.4
9	17.0	25.1	19.9	87.0	0.0	1.1	1.1	5.1
10	17.4	26.0	20.1	87.0	.7	7.4	8.1	1.3
11	17.7	25.1	20.1	88.3	1.4	0.0	1.4	.9
12	16.9	26.3	21.1	83.3	0.0	0.0	0.0	7.0
13	17.8	24.6	20.5	85.7	.3	0.0	.3	3.3
14	18.1	25.5	20.8	83.3	0.0	0.0	0.0	3.0
15	16.4	24.5	18.8	93.0	1.6	0.0	1.6	2.1
16	14.9	25.7	20.1	85.3	.2	.4	.6	5.9
17	17.2	25.0	18.8	90.7	3.3	.3	3.6	3.5
18	16.4	24.6	19.9	83.3	1.6	1.2	2.8	.5
19	16.9	24.8	19.5	84.7	1.3	13.8	15.1	2.3
20	15.6	24.0	19.3	86.0	.2	3.8	4.0	1.4
21	15.7	23.9	18.7	88.7	19.1	0.0	19.1	.8
22	16.1	24.0	18.5	88.3	19.3	0.0	19.3	.8
23	15.9	26.7	20.6	83.7	0.0	21.0	21.0	4.2
24	15.4	27.4	20.5	83.0	3.0	18.2	21.2	6.0
25	14.4	24.3	18.8	87.3	1.1	0.0	1.1	1.0
26	15.6	24.9	19.7	84.0	0.0	8.1	8.1	4.4
27	16.5	24.5	20.0	84.3	0.0	1.3	1.3	4.1
28	14.6	24.3	19.0	84.3	0.0	0.0	0.0	7.1
29	15.0	27.1	20.6	80.3	0.0	0.0	0.0	7.5
30	16.6	26.9	21.0	81.3	0.0	0.0	0.0	3.5
31								
Total :					76.4	87.3	163.7	116.6
Promedio :	16.2	25.3	19.8	85.4				

Estación : ALBAN
Año : 1997

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.4	27.2	20.5	80.7	0.0	0.0	0.0	5.1
2	15.7	25.6	20.5	83.0	0.0	0.0	0.0	0.0
3	15.6	26.9	21.2	83.0	0.0	0.0	0.0	5.7
4	17.2	26.0	20.3	85.3	.6	0.0	.6	1.7
5	14.2	27.2	21.2	82.3	0.0	0.0	0.0	7.5
6	16.8	28.0	21.3	82.3	3.4	.5	3.9	3.1
7	16.2	26.5	19.0	85.3	32.0	0.0	32.0	5.7
8	13.9	27.0	20.4	83.0	0.0	.1	.1	7.7
9	15.9	24.3	19.9	84.7	1.3	5.1	6.4	2.1
10	16.7	25.3	20.0	86.3	.2	.9	1.1	5.0
11	15.8	26.1	20.4	82.0	2.5	0.0	2.5	3.1
12	15.2	25.1	19.7	83.3	.2	0.0	.2	4.8
13	16.1	24.8	20.0	87.7	.1	.9	1.0	5.9
14	14.2	25.0	18.5	90.0	.7	.5	1.2	3.4
15	14.5	27.0	20.5	82.3	0.0	0.0	0.0	5.7
16	16.8	25.5	20.6	82.3	0.0	0.0	0.0	7.7
17	15.2	25.3	20.5	84.3	0.0	0.0	0.0	7.0
18	15.4	28.8	21.7	82.7	0.0	0.0	0.0	5.4
19	16.9	26.3	20.7	84.7	2.2	0.0	2.2	1.6
20	16.4	26.6	21.1	80.3	0.0	0.0	0.0	4.7
21	15.2	27.6	20.8	85.0	2.9	2.5	5.4	5.0
22	15.9	25.6	19.3	85.0	0.0	0.0	0.0	3.2
23	14.4	28.7	21.8	80.3	0.0	4.7	4.7	9.1
24	17.3	27.8	21.5	83.0	3.4	0.0	3.4	4.7
25	17.4	23.0	19.1	91.0	.4	0.0	.4	0.0
26	15.7	24.2	19.6	87.0	.4	3.7	4.1	.7
27	16.8	27.7	21.6	80.0	0.0	.2	.2	6.8
28	18.0	26.2	20.8	82.0	0.0	0.0	0.0	2.1
29	16.7	25.1	19.8	88.3	3.4	0.0	3.4	4.6
30	17.0	24.2	19.8	87.3	2.5	0.0	2.5	1.1
31	15.6	26.6	20.0	85.7	1.1	1.4	2.5	5.9
Total					57.3	20.5	77.8	136.1
Promedio	15.9	26.2	20.4	84.2				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.9	27.4	21.0	82.3	.1	0.0	.1	6.5
2	16.8	27.8	21.1	72.3	.1	0.0	.1	5.3
3	15.7	26.5	21.0	83.0	0.0	11.1	11.1	5.6
4	16.2	18.9	17.7	94.0	7.1	0.0	7.1	0.0
5	14.7	26.4	19.8	82.3	1.7	0.0	1.7	6.5
6	16.7	26.4	20.5	85.3	.3	7.3	7.6	3.4
7	16.0	21.7	17.5	91.7	5.7	2.4	8.1	.1
8	15.2	24.5	18.9	87.7	.2	0.0	.2	1.0
9	14.9	24.9	18.6	89.0	0.0	0.0	0.0	3.6
10	14.8	25.0	19.3	84.3	.6	0.0	.6	6.9
11	16.8	25.9	20.6	81.3	0.0	2.4	2.4	2.9
12	16.9	25.8	19.6	85.0	1.8	.2	2.0	5.5
13	16.3	24.1	19.4	83.3	8.3	0.0	8.3	2.7
14	15.0	27.5	20.4	80.0	0.0	0.0	0.0	6.7
15	14.4	26.1	20.1	82.7	2.4	0.0	2.4	7.6
16	16.6	27.9	21.0	81.7	0.0	0.0	0.0	4.1
17	17.8	24.9	20.4	83.0	0.0	0.0	0.0	2.8
18	15.7	24.0	19.3	86.0	0.0	3.1	3.1	2.4
19	16.8	24.8	19.8	84.0	0.0	0.0	0.0	2.3
20	16.5	26.0	20.3	83.0	0.0	0.0	0.0	4.3
21	15.3	25.6	20.3	79.7	0.0	0.0	0.0	7.6
22	14.8	27.8	21.2	82.3	0.0	0.0	0.0	8.9
23	16.9	27.5	21.3	81.0	0.0	1.2	1.2	4.8
24	15.2	24.0	19.4	84.3	0.0	0.0	0.0	1.6
25	15.8	24.3	18.9	89.0	1.9	1.9	3.8	4.3
26	15.7	23.1	19.2	82.7	0.0	0.0	0.0	1.7
27	14.9	26.1	19.4	83.0	13.8	0.0	13.8	5.7
28	15.6	26.4	20.0	85.3	0.0	.6	.6	5.7
29	16.3	26.5	20.9	80.7	0.0	3.3	3.3	7.1
30	16.1	25.5	19.8	82.0	2.7	.2	2.9	7.0
31								
Total					46.7	33.7	80.4	134.6
Promedio	15.9	25.4	19.9	83.7				

Estación : ALBAN
Año : 1997

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	27.5	21.3	75.7	0.0	0.0	0.0	8.4
2	14.7	26.2	19.8	81.0	0.0	0.0	0.0	9.0
3	14.8	27.5	20.8	77.0	0.0	0.0	0.0	7.3
4	15.5	27.8	21.2	76.3	0.0	0.0	0.0	8.4
5	14.8	28.6	21.9	72.7	0.0	0.0	0.0	8.4
6	15.6	29.8	22.0	75.3	0.0	0.0	0.0	7.8
7	18.0	26.8	21.3	81.7	0.0	0.0	0.0	5.3
8	15.6	27.6	21.4	76.7	0.0	2.5	2.5	3.9
9	17.2	25.1	20.4	80.3	0.0	0.0	0.0	.4
10	15.6	25.4	20.3	82.0	0.0	0.0	0.0	6.0
11	16.8	28.2	22.5	73.0	0.0	0.0	0.0	7.9
12	15.7	28.9	21.8	70.3	0.0	0.0	0.0	8.9
13	13.7	29.8	21.7	68.7	0.0	0.0	0.0	7.0
14	15.3	29.0	21.5	73.7	0.0	0.0	0.0	6.6
15	14.8	26.5	20.0	83.3	0.0	0.0	0.0	5.9
16	15.6	26.5	19.5	85.7	0.0	0.0	0.0	3.8
17	16.0	28.5	21.9	73.3	0.0	0.0	0.0	8.0
18	15.4	29.0	21.7	73.3	0.0	0.0	0.0	8.3
19	14.8	29.6	22.0	71.0	0.0	0.0	0.0	7.7
20	14.0	29.5	21.5	73.3	0.0	0.0	0.0	9.4
21	14.8	28.5	21.3	76.7	0.0	0.0	0.0	5.4
22	14.6	28.0	21.0	74.0	0.0	0.0	0.0	4.6
23	13.0	30.2	21.4	73.0	0.0	0.0	0.0	9.6
24	13.9	31.9	22.4	70.7	0.0	0.0	0.0	9.1
25	15.7	26.6	21.3	80.0	0.0	0.0	0.0	.2
26	13.9	28.5	21.1	79.0	0.0	0.0	0.0	6.9
27	15.8	25.4	20.4	80.3	0.0	0.0	0.0	0.0
28	14.9	24.7	20.0	80.3	0.0	1.0	1.0	1.0
29	16.1	25.6	19.8	79.3	0.0	0.0	0.0	6.6
30	17.0	27.0	20.9	79.0	0.0	.6	.6	5.3
31	15.0	28.4	20.6	79.3	.4	2.4	2.8	8.1
Total :					.4	6.5	6.9	195.2
Promedio :	15.3	27.8	21.1	76.6				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	30.7	21.9	73.0	0.0	0.0	0.0	9.4
2	16.6	26.7	20.9	81.0	0.0	0.0	0.0	1.7
3	14.7	29.9	22.2	72.3	0.0	0.0	0.0	7.8
4	15.2	29.7	21.8	75.7	0.0	0.0	0.0	6.1
5	14.3	29.5	21.4	74.7	0.0	0.0	0.0	9.2
6	16.0	28.8	22.2	77.3	0.0	0.0	0.0	7.7
7	16.5	30.2	22.3	71.7	0.0	0.0	0.0	6.0
8	14.0	28.6	21.1	71.0	0.0	0.0	0.0	6.9
9	15.8	27.3	20.7	74.0	0.0	0.0	0.0	1.7
10	13.9	28.8	21.3	70.7	0.0	0.0	0.0	6.5
11	15.8	27.2	20.6	79.0	1.6	0.0	1.6	3.3
12	16.1	27.0	20.8	81.0	0.0	0.0	0.0	4.0
13	17.5	27.5	20.1	85.3	0.0	0.0	0.0	5.1
14	16.8	25.5	20.2	81.3	7.1	0.0	7.1	5.1
15	14.7	29.5	21.3	73.7	0.0	0.0	0.0	7.9
16	15.6	26.2	20.3	85.3	0.0	.3	.3	6.3
17	15.7	27.9	21.1	81.0	0.0	0.0	0.0	6.0
18	17.0	26.7	20.7	79.7	0.0	0.0	0.0	5.6
19	16.9	26.0	20.3	84.3	0.0	0.0	0.0	3.5
20	15.5	30.8	22.0	70.0	0.0	0.0	0.0	8.7
21	12.9	30.6	21.6	69.7	0.0	0.0	0.0	8.5
22	15.8	28.3	21.5	74.7	0.0	0.0	0.0	6.5
23	16.1	26.7	21.0	79.0	0.0	0.0	0.0	5.7
24	15.7	27.9	21.9	77.7	0.0	0.0	0.0	7.7
25	16.5	28.3	19.1	81.3	0.0	0.0	0.0	7.0
26	17.0	30.7	22.6	74.3	0.0	.2	.2	4.0
27	16.7	29.8	21.8	71.0	0.0	0.0	0.0	2.8
28	13.0	30.5	21.0	67.7	0.0	0.0	0.0	9.0
29	14.3	27.0	20.4	79.7	0.0	0.0	0.0	7.1
30	13.6	27.6	21.0	75.7	0.0	0.0	0.0	6.8
31	16.8	27.2	21.2	78.3	0.0	.4	.4	5.6
Total :					8.7	.9	9.6	189.2
Promedio :	15.6	28.4	21.2	76.5				

Estación : ALBAN
Año : 1997

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	26.6	19.8	85.7	0.0	.4	.4	2.3
2	15.3	26.5	19.0	85.0	16.9	.6	17.5	2.6
3	16.8	25.5	19.6	80.3	0.0	0.0	0.0	4.2
4	14.8	26.5	20.1	79.3	0.0	0.0	0.0	8.1
5	16.0	27.0	20.8	79.7	0.0	.9	.9	5.1
6	15.0	25.0	19.0	81.7	.8	0.0	.8	6.8
7	14.7	25.1	19.6	80.7	3.6	5.1	8.7	5.2
8	15.9	24.2	19.0	83.7	3.1	1.9	5.0	2.7
9	16.5	25.4	19.2	84.3	1.5	0.0	1.5	2.2
10	16.0	28.3	19.8	85.7	0.0	0.0	0.0	5.4
11	15.9	29.0	21.4	74.3	0.0	0.0	0.0	3.4
12	16.0	27.0	21.0	80.3	0.0	0.0	0.0	1.0
13	16.9	25.8	20.6	82.0	0.0	0.0	0.0	5.7
14	16.5	25.6	20.5	82.7	0.0	8.0	8.0	2.1
15	15.0	29.2	21.1	75.3	0.0	0.0	0.0	7.9
16	18.1	27.9	21.3	77.0	0.0	0.0	0.0	2.8
17	16.0	26.6	20.7	78.3	0.0	0.0	0.0	5.7
18	15.5	27.7	19.8	83.0	0.0	0.0	0.0	5.4
19	16.0	24.9	19.7	83.7	.3	1.2	1.5	2.5
20	16.6	23.7	19.0	85.3	.8	0.0	.8	.9
21	14.8	27.0	20.2	78.7	0.0	17.6	17.6	5.4
22	15.9	23.7	19.4	83.7	0.0	0.0	0.0	1.8
23	16.1	25.6	19.9	82.3	.2	2.2	2.4	1.3
24	16.5	27.0	20.0	83.0	.7	.3	1.0	2.5
25	15.8	28.2	20.0	84.7	13.1	7.1	20.2	3.3
26	15.6	25.7	19.6	83.3	35.3	0.0	35.3	3.4
27	15.2	25.5	18.3	89.7	80.0	0.0	80.0	4.4
28	14.6	24.2	18.6	87.0	3.8	0.0	3.8	3.3
29	13.7	26.2	19.8	79.0	0.0	0.0	0.0	8.2
30	13.8	27.3	19.4	80.7	.5	.1	.6	5.8
31								
Total					160.6	45.4	206.0	121.4
Promedio :	15.8	26.3	19.9	82.0				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	26.4	19.6	82.0	5.2	1.3	6.5	4.7
2	16.7	26.5	19.8	85.0	25.2	3.9	29.1	2.6
3	15.2	23.2	19.0	88.3	.5	2.1	2.6	.1
4	16.1	26.7	20.4	82.0	0.0	4.7	4.7	7.3
5	16.2	26.0	20.5	84.3	0.0	0.0	0.0	4.3
6	16.0	26.2	19.8	83.0	.2	0.0	.2	4.8
7	15.3	28.0	21.4	79.0	0.0	0.0	0.0	6.9
8	15.6	25.6	20 2	81.3	0.0	0.0	0.0	1.3
9	17.0	26.6	20.9	82.0	0.0	.7	.7	6.5
10	15.9	27.0	21.1	79.7	0.0	5.9	5.9	5.6
11	16.2	27.1	20.7	80.0	0.0	5.2	5.2	2.2
12	16.9	26.9	21.0	78.7	0.0	3.7	3.7	5.0
13	16.6	26.4	20.3	79.3	0.0	.7	.7	5.4
14	14.6	26.7	19.9	77.0	0.0	.3	.3	6.8
15	15.4	26.0	19.4	80.0	0.0	0.0	0.0	5.6
16	16.1	25.9	19.0	79.0	.6	0.0	.6	3.6
17	16.0	26.5	19.8	81.7	.3	2.2	2.5	4.6
18	15.5	24.2	18.6	84.3	2.0	6.7	8.7	3.7
19	15.2	27.5	21.4	81.3	0.0	0.0	0.0	4.8
20	17.5	27.7	21.1	80.7	.1	3.2	3.3	6.4
21	17.1	24.1	19.4	85.0	.6	.5	1.1	1.9
22	16.2	25.3	19.7	79.0	4.8	0.0	4.8	2.5
23	14.0	28.0	20.2	80.7	0.0	0.0	0.0	8.1
24	16.2	27.2	21.0	81.0	0.0	0.0	0.0	7.2
25	16.0	26.0	20.9	81.7	0.0	0.0	0.0	3.0
26	16.8	27.0	20.8	82.3	1.6	0.0	1.6	5.6
27	16.9	26.5	20.5	84.7	2.8	2.1	4.9	4.1
28	17.7	26.0	20.7	83.0	.7	5.4	6.1	2.9
29	16.5	27.0	19.8	82.7	6.2	0.0	6.2	5.1
30	15.7	26.9	20.4	83.0	0.0	0.0	0.0	4.4
31	17.2	25.2	19.7	86.7	5.9	0.0	5.9	2.3
Total					56.7	48.6	105.3	139.3
Promedio :	16.1	26.3	20.2	81.9				

Estación : ALBAN
Año : 1997

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	15.5	26.0	19.7	84.0	15.8	0.0	15.8	2.4
2	14.9	27.9	21.2	79.7	0.0	6.7	6.7	5.4
3	18.1	24.4	19.5	88.7	3.7	0.0	3.7	.6
4	16.6	25.0	19.5	87.3	13.1	0.0	13.1	2.4
5	16.9	28.0	20.8	81.7	0.0	0.0	0.0	4.3
6	15.2	24.9	19.2	88.0	0.0	2.7	2.7	.9
7	16.6	23.2	19.7	87.7	0.0	9.9	9.9	.1
8	16.5	24.4	18.9	89.7	9.9	0.0	9.9	.6
9	15.0	24.2	19.2	85.3	12.7	.1	12.8	.5
10	15.3	22.5	18.6	83.7	2.4	4.3	6.7	2.0
11	15.3	25.0	19.4	84.0	.5	4.0	4.5	2.3
12	15.8	23.2	18.7	88.0	2.9	5.2	8.1	1.8
13	15.0	23.5	18.2	87.3	.4	1.4	1.8	2.8
14	14.0	24.2	17.4	85.3	33.8	4.9	38.7	2.7
15	14.0	22.5	18.2	83.7	.3	0.0	.3	2.9
16	13.0	25.0	17.0	85.0	0.0	.9	.9	5.0
17	15.7	24.3	19.4	82.7	.6	3.3	3.9	1.9
18	16.2	24.9	20.0	84.7	0.0	.4	.4	3.6
19	16.0	24.2	19.2	85.7	0.0	2.7	2.7	4.1
20	15.9	23.0	19.0	86.7	3.7	.8	4.5	1.6
21	13.4	26.5	20.8	83.7	0.0	0.0	0.0	6.5
22	16.8	25.4	20.3	84.0	0.0	0.0	0.0	5.7
23	16.9	24.5	19.6	84.7	0.0	.3	.3	4.8
24	16.2	24.1	19.2	89.3	.4	22.2	22.6	.8
25	16.5	20.9	17.1	93.3	31.8	1.6	33.4	.3
26	14.8	22.3	17.1	89.0	1.9	0.0	1.9	.4
27	14.0	27.9	20.2	77.0	.3	.3	.6	8.2
28	14.3	27.3	19.8	84.0	0.0	0.0	0.0	7.3
29	16.8	26.3	19.2	83.3	0.0	0.0	0.0	1.5
30	14.7	25.3	18.3	86.7	.2	0.0	.2	5.3
31								
Total :					134.4	71.7	206.1	88.7
Promedio :	15.5	24.7	19.1	85.5				

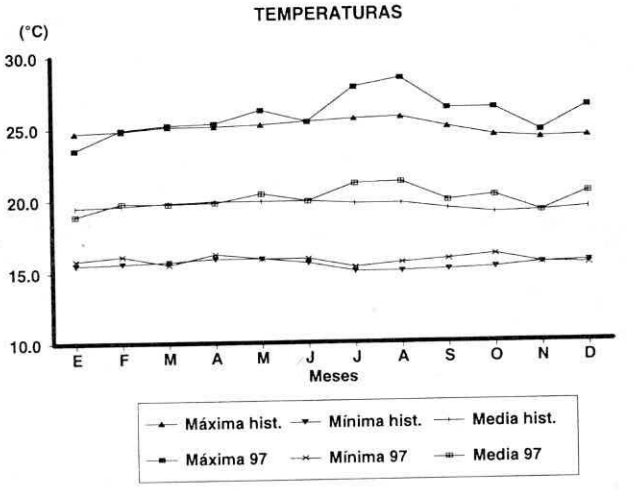
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noch	Total	Brillo Sol.(h)
1	15.0	27.2	20.2	83.0	0.0	1.7	1.7	4.8
2	16.2	25.4	19.9	83.3	.3	16.1	16.4	3.4
3	16.0	26.6	20.2	80.7	0.0	0.0	0.0	5.6
4	14.0	26.0	19.8	81.0	0.0	0.0	0.0	7.3
5	14.5	27.3	20.8	81.7	0.0	0.0	0.0	8.4
6	15.0	27.6	21.5	78.3	0.0	0.0	0.0	6.7
7	14.9	27.1	21.0	81.3	0.0	0.0	0.0	7.2
8	14.5	28.8	20.4	84.3	0.0	0.0	0.0	7.0
9	16.2	27.0	21.4	81.0	0.0	0.0	0.0	8.0
10	16.8	25.8	21.0	82.0	0.0	0.0	0.0	3.7
11	16.6	26.3	21.2	79.7	0.0	0.0	0.0	5.5
12	16.8	25.6	20.6	81.3	0.0	0.0	0.0	4.6
13	15.2	25.3	19.8	82.7	0.0	0.0	0.0	4.1
14	13.3	25.0	19.2	86.0	0.0	0.0	0.0	4.3
15	16.0	23.1	19.7	83.7	1.0	1.9	2.9	2.2
16	15.9	26.0	20.4	81.7	3.7	6.3	10.0	2.9
17	16.5	26.7	20.4	84.0	0.0	0.0	0.0	5.3
18	15.8	25.2	19.9	82.3	0.0	0.0	0.0	4.3
19	14.9	27.5	20.6	80.3	0.0	0.0	0.0	6.2
20	16.7	28.1	21.2	79.7	0.0	0.0	0.0	7.0
21	15.2	24.8	19.8	85.0	0.0	0.0	0.0	4.0
22	15.7	28.1	21.3	79.7	0.0	0.0	0.0	7.0
23	15.2	28.0	20.6	79.3	0.0	0.0	0.0	8.1
24	15.0	28.5	21.5	75.0	0.0	0.0	0.0	7.2
25	15.1	27.3	21.0	80.0	0.0	0.0	0.0	5.3
26	15.5	26.1	20.7	82.0	0.0	0.0	0.0	6.3
27	15.8	25.0	20.2	82.3	0.0	0.0	0.0	4.3
28	14.9	26.9	20.4	80.7	0.0	0.0	0.0	5.8
29	14.5	26.8	20.0	82.3	0.0	0.0	0.0	7.2
30	14.3	24.5	19.2	85.0	1.9	0.0	1.9	3.4
31	15.8	25.8	19.8	85.0	1.6	5.0	6.6	3.4
Total :					8.5	31.0	39.5	170.5
Promedio :	15.4	26.4	20.4	81.8				

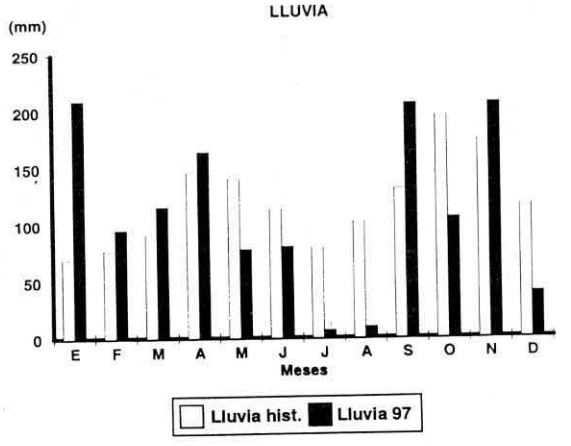
Estación : ALBAN
Año : 1997

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 'N
Longitud : 76 ° 11 'W
Altitud : 1500 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	15.8	23.5	18.9	25.8	13.9	86.3	209.3	28	85.2
Febrero	16.1	24.9	19.8	26.7	13.9	83.5	95.3	14	87.4
Marzo	15.5	25.2	19.7	28.7	12.1	82.8	115.4	18	128.1
Abril	16.2	25.3	19.8	29.1	14.4	85.4	163.7	22	116.6
Mayo	15.9	26.2	20.4	28.8	13.9	84.2	77.8	20	136.1
Junio	15.9	25.4	19.9	27.9	14.4	83.7	80.4	20	134.6
Julio	15.3	27.8	21.1	31.9	13.0	76.6	6.9	4	195.2
Agosto	15.6	28.4	21.2	30.8	12.9	76.5	9.6	5	189.2
Septiembre	15.8	26.3	19.9	29.2	13.7	82.0	206.0	18	121.4
Octubre	16.1	26.3	20.2	28.0	14.0	81.9	105.3	22	¡39.3
Noviembre	15.5	24.7	19.1	28.0	13.0	85.5	206.1	25	88.7
Diciembre	15.4	26.4	20.4	28.8	13.3	81.8	39.5	6	170.5
Promedio :	15.8	25.9	20.0			82.5			
Absoluta :				31.9	12.1				
Total :							1315.3	202	1592.3





Estación : ARTURO GOMEZ Dpto. : VALLE Latitud : 4 ° 40 ' N
Año : 1997 Mpio. : ALCALA Longitud : 75 ° 47 ' W
Altitud : 1320 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.3	22.0	18.9	90.0	5.5	0.0	5.5	.1
2	16.0	25.5	20.5	79.0	0.0	0.0	0.0	1.9
3	17.4	25.0	20.3	81.3	.4	0.0	.4	1.8
4	17.0	27.3	21.2	72.3	0.0	0.0	0.0	6.2
5	15.7	28.8	21.3	70.0	0.0	0.0	0.0	8.1
6	16.8	28.0	21.5	74.7	0.0	.9	.9	4.8
7	18.0	25.0	21.0	80.0	0.0	.1	.1	.8
8	16.4	29.0	22.9	68.3	0.0	0.0	0.0	7.5
9	17.0	25.6	20.6	79.0	0.0	6.1	6.1	2.5
10	17.2	23.5	18.8	89.7	.6	1.1	1.7	.6
11	16.3	26.8	20.0	76.3	0.0	19.2	19.2	5.8
12	16.2	26.5	20.8	76.7	0.0	11.6	11.6	5.3
13	15.0	27.4	21.4	72.3	0.0	0.0	0.0	6.9
14	16.8	28.9	22.0	68.0	0.0	0.0	0.0	7.7
15	17.4	27.5	20.5	75.0	12.6	0.0	12.6	5.1
16	17.0	27.0	20.4	77.3	7.0	1.8	8.8	4.5
17	16.9	24.8	20.0	81.7	8.0	7.8	15.8	1.4
18	17.0	26.5	20.2	81.0	.6	17.5	18.1	3.7
19	16.4	28.5	21.5	70.7	0.0	13.7	13.7	9.2
20	17.0	24.3	20.0	78.3	0.0	0.0	0.0	.4
21	16.2	26.5	19.4	80.7	4.9	.4	5.3	2.6
22	14.8	27.5	21.0	76.0	0.0	4.5	4.5	6.9
23	17.0	27.6	19.8	78.0	19.1	.2	19.3	6.7
24	14.5	26.5	20.8	74.0	0.0	0.0	0.0	6.3
25	17.0	27.2	21.2	79.0	4.3	37.9	42.2	4.7
26	16.0	26.7	20.7	78.0	.4	11.0	11.4	8.2
27	14.8	27.0	20.0	73.3	0.0	0.0	0.0	7.5
28	15.9	28.1	22.1	70.0	0.0	0.0	0.0	7.2
29	18.0	27.5	22.5	67.7	0.0	.9	.9	5.8
30	17.7	28.0	21.5	73.0	0.0	4.2	4.2	6.3
31	17.0	26.0	21.5	72.0	0.0	50.8	50.8	5.0
Total :					63.4	189.7	253.1	151.5
Promedio :	16.6	26.7	20.8	76.2				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	26.2	20.2	79.0	0.0	.5	.5	4.9
2	16.7	28.5	21.9	72.0	0.0	0.0	0.0	7.5
3	15.7	28.0	20.5	75.7	17.3	.1	17.4	6.5
4	16.0	25.5	18.6	81.7	2.3	1.0	3.3	3.5
5	15.0	27.5	13.8	76.0	0.0	0.0	0.0	4.9
6	15.4	27.0	20.2	77.7	2.2	5.0	7.2	6.7
7	17.0	26.0	20.5	78.3	4.1	0.0	4.1	2.3
8	16.3	26.1	21.3	75.3	0.0	.9	.9	2.1
9	16.8	27.0	21.5	76.3	0.0	9.5	9.5	2.4
10	18.0	25.5	21.1	79.7	0.0	5.1	5.1	1.1
11	18.0	25.2	20.6	83.3	5.8	0.0	5.8	2.6
12	16.8	27.5	21.0	78.0	9.9	.2	10.1	4.7
13	16.0	27.0	21.8	75.3	0.0	0.0	0.0	5.6
14	15.2	28.0	22.4	77.7	2.6	0.0	2.6	6.1
15	17.9	28.1	21.8	79.7	1.3	19.3	20.6	4.8
16	16.9	25.9	19.9	84.0	3.4	3.8	7.2	1.3
17	17.2	28.0	20.2	79.0	33.4	.9	34.3	6.0
18	15.7	27.3	22.2	72.0	0.0	0.0	0.0	8.1
19	16.7	28.0	22.9	70.7	0.0	0.0	0.0	5.1
20	18.8	28.3	22.5	73.7	0.0	0.0	0.0	3.5
21	18.0	28.1	23.1	68.0	0.0	.3	.3	5.8
22	17.4	29.3	21.2	77.0	1.5	0.0	1.5	6.7
23	17.1	27.9	22.4	79.3	3.3	1.0	4.3	2.7
24	16.9	28.8	22.3	72.0	0.0	0.0	0.0	4.7
25	17.4	27.1	22.3	79.0	.1	0.0	.1	1.9
26	18.2	27.6	23.4	74.0	.3	0.0	.3	3.9
27	17.9	29.0	24.0	68.3	0.0	0.0	0.0	6.3
28	18.1	29.6	23.1	74.7	0.0	0.0	0.0	3.0
29								
30								
31								
Total :					87.5	47.6	135.1	124.7
Promedio :	16.9	27.4	21.5	76.3				

Estación : ARTURO GOMEZ
Año : 1997

Dpto. : VALLE
Mpio. : ALCALA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 47 ' W
Altitud : 1320 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	25.5	20.6	82.0	.6	0.0	.6	1.0
2	18.5	29.5	22.6	73.0	0.0	1.3	1.3	5.1
3	18.0	28.0	21.5	86.7	5.2	0.0	5.2	3.7
4	19.6	29.5	21.5	78.0	10.9	.1	11.0	5.3
5	16.3	23.5	20.0	83.3	13.3	0.0	13.3	.5
6	14.6	28.0	21.7	72.7	0.0	0.0	0.0	8.6
7	15.3	29.0	22.4	75.0	0.0	0.0	0.0	8.3
8	16.4	30.2	23.0	70.3	0.0	0.0	0.0	9.8
9	18.0	30.0	24.1	70.3	0.0	0.0	0.0	9.3
10	18.5	30.5	23.6	68.0	0.0	.5	.5	6.7
11	19.0	29.5	24.0	63.0	.9	10.0	10.9	7.5
12	18.0	29.0	22.6	76.3	0.0	47.9	47.9	4.6
13	17.8	25.5	19.9	88.0	4.7	0.0	4.7	.1
14	16.7	27.8	22.3	72.3	0.0	0.0	0.0	7.5
15	19.0	30.2	22.1	76.7	16.1	0.0	16.1	8.5
16	18.0	26.2	20.8	80.3	31.4	55.4	86.8	1.6
17	17.8	22.2	20.0	88.0	6.0	0.0	6.0	0.0
18	18.4	26.5	20.8	81.0	1.6	15.5	17.1	2.9
19	17.8	25.0	19.6	87.0	5.0	0.0	5.0	4.2
20	17.0	26.0	20.8	80.7	0.0	.9	.9	3.2
21	16.6	27.0	19.7	77.7	0.0	0.0	0.0	4.8
22	15.4	28.5	21.5	68.3	0.0	0.0	0.0	9.7
23	17.6	28.5	21.8	72.7	0.0	0.0	0.0	7.0
24	15.8	29.2	22.4	65.0	0.0	0.0	0.0	9.5
25	15.5	29.0	21.8	65.0	0.0	0.0	0.0	9.4
26	17.4	28.5	22.4	66.0	0.0	0.0	0.0	7.4
27	17.0	29.2	21.9	66.7	0.0	0.0	0.0	7.9
28	17.1	29.0	22.6	62.7	0.0	0.0	0.0	8.8
29	17.0	28.5	22.1	68.7	0.0	0.0	0.0	6.6
30	17.5	26.5	20.0	81.7	5.6	0.0	5.6	2.4
31	16.2	28.4	20.6	76.3	10.0	6.9	16.9	4.5
Total :					111.3	138.5	249.8	176.4
Promedio :	17.3	27.9	21.6	74.9				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	25.2	20.5	83.3	.4	.2	.6	1.1
2	16.0	29.0	22.5	64.3	0.0	0.0	0.0	8.2
3	16.0	28.5	22.1	71.0	0.0	1.9	1.9	6.8
4	18.4	26.0	21.8	74.3	.4	0.0	.4	3.6
5	17.6	28.5	21.8	76.3	7.0	0.0	7.0	6.9
6	18.4	29.2	21.7	76.3	13.5	1.1	14.6	6.5
7	16.4	27.8	22.2	72.3	0.0	0.0	0.0	6.2
8	17.9	27.5	21.6	77.3	.1	.2	.3	1.8
9	18.5	29.0	22.8	75.7	1.2	.4	1.6	6.0
10	18.5	25.5	21.5	84.0	1.7	3.1	4.8	.4
11	18.5	26.8	22.6	76.3	0.0	.1	.1	2.2
12	17.8	30.0	23.2	75.3	.1	0.0	.1	6.3
13	19.0	28.5	22.1	77.7	0.0	0.0	0.0	1.6
14	16.6	28.1	22.5	76.3	0.0	0.0	0.0	3.1
15	17.6	28.5	20.8	80.3	.7	0.0	.7	1.7
16	16.0	29.0	23.4	69.7	0.0	0.0	0.0	9.6
17	18.9	28.0	21.2	81.0	6.7	1.6	8.3	3.2
18	17.6	26.5	21.1	79.3	.4	1.5	1.9	1.9
19	17.5	27.0	20.7	80.7	49.5	44.4	93.9	1.3
20	17.0	24.0	19.4	86.0	1.4	.5	1.9	1.2
21	18.2	25.5	20.3	83.3	8.7	.8	9.5	1.7
22	17.0	23.8	20.4	81.7	31.5	0.0	31.5	0.0
23	17.8	28.0	21.5	74.3	0.0	0.0	0.0	4.6
24	17.6	28.5	22.0	73.0	0.0	1.6	1.6	5.3
25	18.4	23.5	20.0	83.0	.6	0.0	.6	.1
26	16.5	27.0	21.8	73.3	0.0	22.8	22.8	4.8
27	18.0	27.0	21.2	76.3	0.0	4.4	4.4	5.4
28	18.0	28.3	22.4	73.3	0.0	1.9	1.9	7.0
29	16.4	28.7	23.4	71.0	0.0	.1	.1	8.9
30	17.0	28.0	21.6	72.7	0.0	0.0	0.0	4.7
31								
Total :					123.9	86.6	210.5	122.1
Promedio :	17.5	27.4	21.7	76.6				

Estación : ARTURO GOMEZ
Año : 1997

Dpto. : VALLE
Mpio. : ALCALA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 47 ' W
Altitud : 1320 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	28.5	23.2	71.3	0.0	0.0	0.0	7.8
2	18.0	28.0	22.5	73.7	0.0	0.0	0.0	2.8
3	17.5	28.5	23.1	72.7	.7	.2	.9	4.8
4	19.0	28.6	22.4	76.3	22.0	0.0	22.0	2.8
5	16.5	28.5	21.9	77.0	0.0	0.0	0.0	6.7
6	18.6	29.0	22.4	75.7	2.5	0.0	2.5	4.3
7	17.0	28.5	20.8	80.3	23.2	0.0	23.2	3.2
8	15.0	30.0	23.2	70.0	0.0	0.0	0.0	8.7
9	17.5	27.6	22.2	79.0	18.1	0.0	18.1	5.2
10	18.0	27.2	21.4	78.0	9.0	17.0	26.0	.8
11	17.5	24.0	20.0	83.3	1.8	0.0	1.8	2.5
12	16.4	27.0	21.6	76.7	0.0	30.0	30.0	3.5
13	17.5	28.1	20.9	77.7	4.4	0.0	4.4	4.0
14	16.8	27.5	20.6	78.3	23.0	0.0	23.0	5.5
15	17.6	26.5	22.0	77.7	0.0	0.0	0.0	5.4
16	18.0	27.5	22.4	75.0	0.0	0.0	0.0	5.2
17	17.5	29.2	24.0	71.0	0.0	0.0	0.0	6.9
18	17.0	30.0	23.4	70.0	3.9	0.0	3.9	7.5
19	18.0	27.9	22.8	75.0	0.0	0.0	0.0	1.2
20	19.0	27.5	23.1	75.7	0.0	0.0	0.0	3.0
21	18.0	28.5	22.2	75.7	0.0	7.4	7.4	5.0
22	19.0	27.2	22.0	75.3	.3	0.0	.3	3.4
23	17.0	30.0	23.4	70.0	0.0	0.0	0.0	8.6
24	19.6	27.5	22.4	80.0	0.0	0.0	0.0	4.3
25	19.0	25.0	21.2	85.0	.3	4.4	4.7	0.0
26	18.0	23.0	19.8	88.0	11.0	33.0	44.0	.1
27	17.5	27.0	21.8	74.7	0.0	3.7	3.7	3.2
28	19.0	26.0	22.2	76.0	.3	0.0	.3	.4
29	17.5	26.5	22.5	78.0	0.0	0.0	0.0	5.6
30	17.0	27.2	21.0	79.0	3.4	0.0	3.4	1.6
31	17.1	24.8	21.2	83.0	0.0	0.0	0.0	.2
Total :					123.9	95.7	219.6	124.2
Promedio :	17.6	27.5	22.1	76.7				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.0	22.2	80.3	0.0	0.0	0.0	4.0
2	17.0	27.1	21.8	80.3	0.0	0.0	0.0	3.0
3	16.8	30.0	22.5	75.7	.2	31.4	31.6	5.0
4	17.2	21.5	19.1	84.7	6.3	0.0	6.3	0.0
5	16.5	27.5	22.3	69.7	0.0	0.0	0.0	5.5
6	18.2	27.0	21.1	78.3	2.6	12.4	15.0	4.0
7	17.4	22.5	19.2	84.0	4.8	11.3	16.1	0.0
8	16.0	24.1	20.0	78.3	1.3	0.0	1.3	1.3
9	15.4	27.2	20.5	79.3	2.6	.2	2.8	3.8
10	15.0	28.0	21.9	75.3	0.0	25.5	25.5	4.8
11	16.9	25.4	21.2	75.7	0.0	3.2	3.2	4.3
12	16.0	26.2	20.0	78.3	11.1	11.5	22.6	4.6
13	15.6	23.2	19.2	85.0	8.7	0.0	8.7	1.2
14	15.8	26.0	20.5	75.0	0.0	0.0	0.0	5.2
15	15.0	27.8	21.4	74.3	.4	0.0	.4	7.8
16	16.9	27.4	21.8	79.7	0.0	0.0	0.0	3.2
17	17.9	26.7	21.0	75.0	0.0	.1	.1	2.4
18	16.8	25.7	20.7	81.3	16.1	40.3	56.4	3.3
19	16.7	24.8	21.2	79.3	1.3	0.0	1.3	4.3
20	16.8	27.1	20.2	76.0	3.4	1.8	5.2	8.4
21	15.3	27.0	20.8	77.3	0.0	0.0	0.0	8.4
22	15.3	28.5	22.2	72.7	0.0	0.0	0.0	10.3
23	15.8	28.7	22.3	72.7	0.0	.3	.3	5.8
24	18.0	26.2	20.8	80.0	3.0	0.0	3.0	1.3
25	17.9	26.5	20.9	76.3	24.7	20.8	45.5	4.8
26	16.5	24.3	20.0	81.0	2.2	0.0	2.2	1.2
27	16.2	28.0	21.0	76.7	6.8	0.0	6.8	6.3
28	16.2	28.2	22.3	73.7	0.0	0.0	0.0	6.9
29	17.9	29.0	22.8	69.7	0.0	7.9	7.9	7.6
30	17.0	28.0	21.0	79.0	1.5	1.3	2.8	7.1
31								
Total :					97.0	168.0	265.0	135.8
Promedio :	16.6	26.6	21.1	77.5				

Estación : ARTURO GOMEZ
Año : 1997

Dpto. : VALLE
Mpio. : ALCALA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 47 ' W
Altitud : 1320 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	27.8	21.4	77.3	0.0	0.0	0.0	5.2
2	15.0	28.0	21.6	70.3	0.0	0.0	0.0	9.5
3	15.8	26.9	21.0	76.3	0.0	0.0	0.0	5.6
4	15.0	28.0	22.4	72.3	0.0	0.0	0.0	7.3
5	15.1	27.2	22.1	66.0	0.0	0.0	0.0	4.2
6	15.4	28.8	22.5	72.0	0.0	0.0	0.0	9.4
7	16.7	28.0	22.1	71.3	1.8	0.0	1.8	6.2
8	16.3	26.3	21.4	78.0	.5	0.0	.5	2.9
9	17.2	24.4	20.7	80.0	0.0	0.0	0.0	.5
10	15.8	25.9	20.2	74.0	2.5	0.0	2.5	5.3
11	15.0	28.0	22.0	67.0	0.0	0.0	0.0	7.7
12	16.0	28.2	23.0	58.3	0.0	0.0	0.0	10.2
13	13.9	29.2	22.2	56.0	0.0	0.0	0.0	9.5
14	15.7	29.7	23.0	59.7	0.0	0.0	0.0	8.7
15	15.3	26.4	21.0	75.0	0.0	0.0	0.0	4.6
16	16.0	26.2	20.1	76.7	7.4	1.3	8.7	4.0
17	15.9	27.5	23.2	60.7	0.0	0.0	0.0	6.5
18	15.8	30.0	23.6	50.0	0.0	0.0	0.0	10.4
19	15.1	29.7	23.1	50.0	0.0	0.0	0.0	10.4
20	14.0	30.3	22.8	53.0	0.0	0.0	0.0	10.3
21	14.7	29.8	22.6	67.3	0.0	0.0	0.0	8.1
22	15.8	26.5	22.1	61.0	0.0	0.0	0.0	2.5
23	16.0	32.8	25.5	48.7	0.0	0.0	0.0	11.0
24	16.3	33.0	25.8	46.3	0.0	0.0	0.0	10.7
25	17.8	27.5	23.4	57.7	0.0	0.0	0.0	.8
26	15.0	32.0	24.8	53.3	0.0	0.0	0.0	8.8
27	17.0	26.9	22.8	67.3	0.0	0.0	0.0	.3
28	16.0	28.6	22.5	70.0	0.0	0.0	0.0	2.8
29	16.2	29.2	21.8	70.3	4.0	0.0	4.0	6.5
30	17.0	28.4	22.4	69.7	0.0	0.0	0.0	4.9
31	16.0	31.1	22.0	66.7	0.0	0.0	0.0	9.2
Total :					16.2	1.3	17.5	204.0
Promedio :	15.8	28.5	22.4	65.2				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	32.3	25.1	57.0	0.0	0.0	0.0	10.3
2	16.5	28.2	21.8	72.7	0.0	0.0	0.0	2.9
3	16.3	31.3	23.6	73.0	0.0	0.0	0.0	6.0
4	15.2	31.5	24.4	57.7	0.0	0.0	0.0	7.8
5	17.2	32.6	26.1	48.0	0.0	0.0	0.0	10.1
6	19.0	32.0	25.4	55.0	0.0	0.0	0.0	8.4
7	18.0	32.2	25.8	48.3	0.0	0.0	0.0	7.2
8	16.0	31.5	26.1	46.3	0.0	0.0	0.0	9.3
9	17.4	29.8	23.4	53.3	0.0	0.0	0.0	1.4
10	16.5	30.4	23.3	54.0	0.0	0.0	0.0	6.1
11	16.4	30.0	22.6	69.3	0.0	0.0	0.0	2.9
12	17.0	30.3	24.3	64.3	0.0	0.0	0.0	5.1
13	18.4	30.6	23.8	69.0	0.0	0.0	0.0	4.3
14	18.5	29.0	22.0	71.3	0.0	0.0	0.0	6.7
15	15.6	32.5	24.2	56.0	0.0	0.0	0.0	8.9
16	16.0	31.4	23.1	71.7	0.0	0.0	0.0	7.7
17	16.2	31.2	22.8	71.3	3.9	0.0	3.9	7.5
18	17.0	32.0	23.0	66.7	0.0	0.0	0.0	8.9
19	16.3	28.8	23.2	65.7	0.0	0.0	0.0	6.0
20	16.0	33.0	25.2	48.7	0.0	0.0	0.0	10.5
21	13.4	32.5	24.8	55.0	0.0	0.0	0.0	9.9
22	16.8	30.2	23.2	68.3	0.0	0.0	0.0	5.6
23	17.0	28.8	22.4	69.7	0.0	0.0	0.0	4.1
24	15.6	30.4	23.5	64.3	0.0	0.0	0.0	4.5
25	15.4	32.0	23.6	68.0	.2	0.0	.2	9.6
26	17.4	32.8	24.9	62.3	0.0	0.0	0.0	5.1
27	17.0	30.8	25.0	51.3	0.0	0.0	0.0	3.7
28	18.7	32.0	24.8	40.7	0.0	0.0	0.0	8.3
29	14.4	30.8	23.8	58.7	0.0	0.0	0.0	8.9
30	14.2	29.9	23.2	64.3	0.0	0.0	0.0	5.5
31	15.4	30.8	21.6	74.3	6.3	0.0	6.3	7.0
Total :					10.4	0.0	10.4	210.2
Promedio :	16.5	31.0	23.9	61.2				

Estación : ARTURO GOMEZ **Dpto. : VALLE** **Latitud : 4 ° 40 ' N**
Año : 1997 **Mpio. : ALCALA** **Longitud : 75 ° 47 ' W**
Altitud : 1320 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	29.5	21.8	78.3	3.3	0.0	3.3	2.9
2	16.5	28.5	21.6	74.7	0.0	0.0	0.0	4.2
3	15.6	28.7	22.3	70.7	3.6	0.0	3.6	5.1
4	16.4	31.5	23.4	65.7	0.0	0.0	0.0	8.8
5	16.5	30.5	23.9	64.7	0.0	28.0	28.0	3.5
6	16.0	28.0	20.9	76.3	0.0	.6	.6	4.8
7	17.0	27.5	22.6	75.7	.6	21.4	22.0	3.4
8	18.0	26.7	21.8	77.3	0.0	.8	.8	3.1
9	18.5	28.0	22.7	72.3	0.0	0.0	0.0	2.7
10	17.0	29.0	23.0	73.3	0.0	0.0	0.0	2.1
11	16.8	28.8	23.0	73.0	0.0	0.0	0.0	2.9
12	16.5	28.0	22.4	73.3	0.0	0.0	0.0	1.1
13	16.8	29.2	23.6	74.0	0.0	0.0	0.0	3.9
14	15.6	28.8	23.1	69.7	0.0	0.0	0.0	6.7
15	15.5	31.2	24.0	63.3	0.0	0.0	0.0	7.1
16	16.5	30.0	22.2	75.7	1.4	0.0	1.4	3.5
17	16.5	29.4	22.8	69.0	0.0	0.0	0.0	5.2
18	16.0	30.5	23.3	66.7	.1	0.0	.1	5.6
19	17.5	27.5	21.9	72.7	1.2	.4	1.6	2.5
20	17.6	27.1	21.0	78.3	10.5	0.0	10.5	1.9
21	16.2	29.0	21.8	80.0	10.0	21.0	31.0	6.8
22	17.3	27.0	21.0	75.3	37.0	1.5	38.5	2.3
23	18.0	26.0	20.9	80.7	.6	9.5	10.1	1.3
24	18.0	25.8	20.9	83.3	7.5	2.3	9.8	1.9
25	17.5	28.0	21.9	78.3	5.5	0.0	5.5	3.6
26	17.5	26.8	20.4	85.7	.3	0.0	.3	1.9
27	16.4	26.4	20.7	81.0	5.6	0.0	5.6	4.1
28	16.3	26.5	20.7	81.0	.5	0.0	.5	3.2
29	15.0	29.5	22.8	70.3	0.0	0.0	0.0	10.0
30	16.2	29.2	22.6	67.7	0.0	0.0	0.0	6.6
31								
Total :					87.7	85.5	173.2	122.7
Promedio :	16.7	28.4	22.2	74.3				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	29.0	22.7	69.7	0.0	0.0	0.0	6.2
2	17.7	27.5	20.9	79.0	8.2	.3	8.5	3.6
3	17.0	24.0	21.4	80.0	.1	0.0	.1	0.0
4	16.5	29.5	22.3	72.3	.2	0.0	.2	8.3
5	18.0	28.0	22.5	73.0	0.0	0.0	0.0	6.3
6	16.5	28.5	23.2	68.0	0.0	0.0	0.0	6.7
7	16.0	28.0	22.6	71.0	0.0	0.0	0.0	5.2
8	15.3	27.5	21.9	72.0	.1	0.0	.1	4.2
9	16.0	28.4	21.6	74.3	0.0	0.0	0.0	6.4
10	17.2	28.0	22.6	68.7	0.0	24.0	24.0	7.1
11	16.7	26.1	20.8	76.7	.8	32.9	33.7	2.7
12	17.0	27.2	22.8	71.0	0.0	11.0	11.0	6.7
13	16.5	27.0	20.0	80.7	20.2	1.0	21.2	6.6
14	17.0	28.9	22.8	67.0	0.0	0.0	0.0	9.4
15	16.0	27.6	21.8	68.7	0.0	0.0	0.0	5.1
16	16.8	27.9	21.5	74.7	.3	5.8	6.1	2.1
17	17.0	25.8	20.8	77.7	.1	8.9	9.0	4.2
18	17.2	27.0	20.6	79.3	.1	11.4	11.5	5.1
19	18.0	27.5	22.0	75.3	.1	0.0	.1	6.5
20	17.5	29.0	22.6	74.0	0.0	.3	.3	7.2
21	18.0	27.0	21.6	77.3	0.0	18.3	18.3	5.1
22	17.2	27.0	22.0	73.3	14.9	0.0	14.9	5.4
23	16.0	29.0	23.0	71.7	0.0	0.0	0.0	6.6
24	16.8	29.5	21.8	71.7	0.0	0.0	0.0	5.9
25	15.5	28.5	22.4	74.3	0.0	0.0	0.0	7.0
26	17.5	29.5	23.3	74.0	0.0	0.0	0.0	7.4
27	18.0	29.3	22.7	72.7	0.0	0.0	0.0	5.5
28	17.0	26.5	22.5	77.3	0.0	1.2	1.2	1.4
29	18.5	28.5	22.9	72.7	0.0	0.0	0.0	5.6
30	18.0	30.0	22.2	75.3	0.0	0.0	0.0	6.8
31	17.5	27.5	21.0	77.7	.2	0.0	.2	2.8
Total :					45.3	115.1	160.4	169.1
Promedio :	17.0	27.9	22.0	73.9				

Estación : ARTURO GOMEZ **Dpto. : VALLE** **Latitud : 4 ° 40' N**
Año : 1997 **Mpio. : ALCALA** **Longitud : 75 ° 47' W**
Altitud : 1320 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	28.0	21.4	78.7	21.0	0.0	21.0	4.2
2	15.8	30.0	22.6	79.7	6.7	0.0	6.7	7.8
3	19.0	27.0	22.3	77.0	0.0	0.0	0.0	1.1
4	18.0	27.0	20.5	92.3	51.8	0.0	51.8	3.1
5	17.5	29.0	22.4	76.0	.5	1.3	1.8	5.7
6	17.8	28.7	21.6	80.0	.4	.4	.8	3.6
7	18.0	27.0	21.1	82.3	2.1	6.8	8.9	1.9
8	17.8	22.0	18.9	94.0	10.0	7.0	17.0	0.0
9	17.6	24.5	19.7	84.0	4.2	.9	5.1	.4
10	17.5	26.3	20.6	84.0	.5	5.2	5.7	5.6
11	18.0	27.0	21.6	79.0	1.8	11.4	13.2	4.8
12	18.0	27.5	21.4	78.7	3.9	5.9	9.8	4.3
13	17.8	25.5	20.6	80.3	12.0	1.0	13.0	4.2
14	15.9	27.0	19.4	77.3	17.7	.2	17.9	4.2
15	16.3	25.5	19.6	80.0	0.0	0.0	0.0	5.0
16	16.0	27.0	20.6	77.7	0.0	1.0	1.0	6.2
17	18.0	27.0	21.2	80.3	.2	0.0	.2	2.7
18	17.5	28.0	22.4	75.7	0.0	.1	.1	4.7
19	18.0	28.0	20.2	83.3	24.6	.1	24.7	3.3
20	18.0	27.0	20.6	81.7	2.4	0.0	2.4	2.7
21	16.2	28.0	21.6	81.0	0.0	0.0	0.0	7.6
22	17.0	28.5	22.3	73.3	0.0	0.0	0.0	5.3
23	17.3	29.5	21.3	76.7	7.4	0.0	7.4	5.1
24	17.5	27.5	22.1	77.7	0.0	7.0	7.0	3.9
25	18.2	25.5	20.0	85.7	10.6	5.2	15.8	2.2
26	17.0	25.0	19.9	80.0	2.6	.7	3.3	.2
27	16.5	28.0	21.9	72.7	0.0	0.0	0.0	6.8
28	17.0	29.5	21.6	74.3	3.9	0.0	3.9	9.6
29	16.5	29.0	21.5	78.3	0.0	2.0	2.0	3.6
30	14.8	27.5	21.1	75.0	0.0	0.0	0.0	8.4
31								
Total :					184.3	56.2	240.5	128.2
Promedio :	17.3	27.2	21.1	79.9				

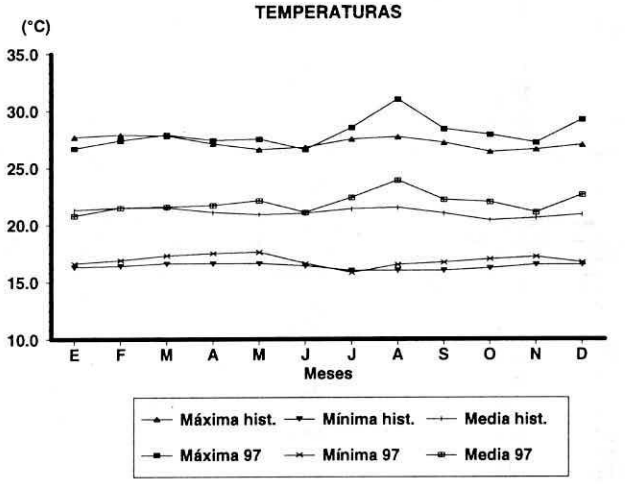
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	29.0	22.6	72.3	0.0	8.3	8.3	6.4
2	17.0	28.0	22.0	75.7	.3	20.7	21.0	6.9
3	17.5	27.8	21.6	74.3	0.0	0.0	0.0	7.6
4	15.2	28.5	22.2	73.3	0.0	0.0	0.0	9.2
5	16.0	29.8	23.5	70.7	0.0	0.0	0.0	8.3
6	17.5	29.5	23.3	69.3	2.8	0.0	2.8	6.4
7	17.0	29.0	23.5	70.0	0.0	0.0	0.0	8.1
8	15.5	30.3	22.5	66.7	0.0	0.0	0.0	8.7
9	16.2	29.5	22.8	64.3	0.0	0.0	0.0	6.6
10	16.5	29.2	22.8	68.3	0.0	0.0	0.0	5.9
11	17.5	29.5	22.5	70.0	0.0	0.0	0.0	4.9
12	16.9	28.4	21.8	71.7	0.0	0.0	0.0	9.0
13	17.0	30.0	22.6	70.0	.1	0.0	.1	2.8
14	16.5	29.5	20.4	78.0	15.9	13.0	28.9	7.3
15	17.8	26.5	21.8	75.3	0.0	0.0	0.0	2.1
16	17.0	29.5	22.4	72.0	.2	0.0	.2	7.6
17	18.5	29.0	22.5	74.3	0.0	0.0	0.0	7.7
18	17.0	28.5	22.2	69.0	0.0	0.0	0.0	5.7
19	16.0	29.5	22.9	69.3	0.0	0.0	0.0	8.8
20	17.5	27.0	22.0	70.7	0.0	0.0	0.0	5.1
21	16.5	29.5	23.5	66.3	0.0	0.0	0.0	8.3
22	16.0	30.5	23.6	74.0	3.3	0.0	3.3	8.7
23	15.6	30.8	23.6	67.7	0.0	0.0	0.0	9.9
24	16.0	30.5	23.5	67.7	0.0	0.0	0.0	8.5
25	16.5	29.0	23.0	70.0	0.0	0.0	0.0	8.0
26	17.5	30.0	23.2	67.3	0.0	0.0	0.0	8.2
27	17.0	29.5	22.8	69.3	0.0	0.0	0.0	7.0
28	16.0	30.0	23.6	70.3	0.0	0.0	0.0	8.5
29	17.0	30.5	21.5	75.7	8.0	0.0	8.0	8.5
30	16.0	29.2	22.0	74.3	3.8	.2	4.0	7.0
31	15.5	29.0	22.6	70.7	0.0	.2	0.0	6.1
Total :					34.4	42.4	76.6	223.8
Promedio :	16.7	29.2	22.6	70.9				

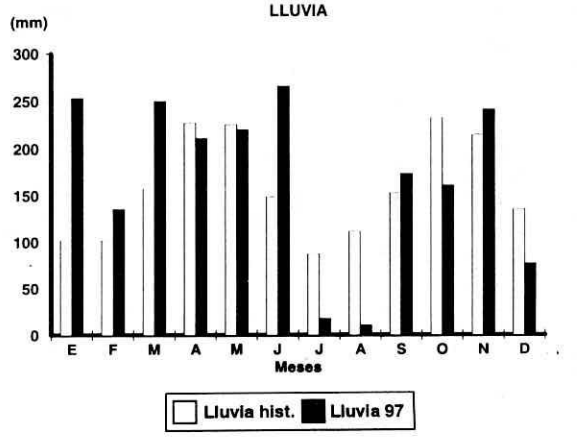
Estación : ARTURO GOMEZ
Año : 1997

Dpto. : VALLE
Mpio. : ALCALA

Latitud : 4 ° 40 'N
Longitud : 75 ° 47 'W
Altitud : 1320 m.

MES	TEMPERATURA °C Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	PRECIPITACION Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.6	26.7	20.8	29.0	14.5	76.2	253.1	21	151.5
Febrero	16.9	27.4	21.5	29.6	15.0	76.3	135.1	19	124.7
Marzo	17.3	27.9	21.6	30.5	14.6	74.9	249.8	17	176.4
Abril	17.5	27.4	21.7	30.0	16.0	76.6	210.5	23	122.1
Mayo	17.6	27.5	22.1	30.0	15.0	76.7	219.6	18	124.2
Junio	16.6	26.6	21.1	30.0	15.0	77.5	265.0	22	135.8
Julio	15.8	28.5	22.4	33.0	13.9	65.2	17.5	5	204.0
Agosto	16.5	31.0	23.9	33.0	13.4	61.2	10.4	3	210.2
Septiembre	16.7	28.4	22.2	31.5	15.0	74.3	173.2	18	122.7
Octubre	17.0	27.9	22.0	30.0	15.3	73.9	160.4	17	169.1
Noviembre	17.2	27.2	21.1	30.0	14.8	79.9	240.5	24	128.2
Diciembre	16.7	29.2	22.6	30.8	15.2	70.9	76.6	9	223.8
Promedio :	16.9	28.0	21.9			73.6			
Absoluta :				33.0	13.4				
Total :							2011.7	196	1892.7





Estación : VENECIA
Año : 1997

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	23.5	20.0	83.0	3.0	0.0	3.0	0.0
2	16.5	27.7	21.3	75.7	0.0	.7	.7	4.0
3	17.6	26.3	20.5	78.0	0.0	0.0	0.0	1.5
4	16.9	28.7	22.4	67.7	0.0	0.0	0.0	6.1
5	15.8	29.2	22.8	65.0	0.0	.8	.8	8.7
6	18.0	29.7	23.4	65.7	.7	15.3	16.0	3.9
7	17.8	26.4	20.5	80.0	11.8	2.8	14.6	2.2
8	17.0	29.2	22.1	71.7	0.0	0.0	0.0	7.1
9	17.1	25.8	21.4	77.3	0.0	36.7	36.7	1.4
10	17.0	23.0	19.6	86.0	.4	0.0	.4	.3
11	16.0	28.1	21.4	72.3	0.0	2.3	2.3	6.5
12	17.2	29.0	21.2	77.7	6.1	22.7	28.8	6.0
13	15.6	28.8	21.5	69.3	0.0	0.0	0.0	8.1
14	16.7	30.1	22.6	69.0	0.0	0.0	0.0	7.8
15	18.7	28.9	22.8	66.0	0.0	0.0	0.0	4.5
16	17.2	28.0	21.9	71.3	0.0	23.9	23.9	2.7
17	17.1	26.3	20.2	83.3	10.6	20.3	30.9	3.1
18	17.0	28.0	21.2	73.0	3.3	0.0	3.3	4.1
19	17.8	28.1	22.5	70.7	0.0	53.6	53.6	5.0
20	17.2	25.1	19.1	79.7	15.2	2.8	18.0	.9
21	16.0	26.2	20.8	76.7	.4	0.0	.4	1.2
22	16.3	28.1	21.7	73.0	0.0	19.0	19.0	4.6
23	16.8	29.0	19.9	77.7	39.9	26.8	66.7	8.6
24	14.0	27.6	20.7	72.3	0.0	0.0	0.0	6.9
25	16.7	29.5	22.0	73.7	.3	14.1	14.4	4.5
26	16.3	26.7	21.1	74.0	0.0	7.5	7.5	4.2
27	15.0	27.9	21.2	72.0	0.0	0.0	0.0	7.6
28	16.2	29.2	22.2	69.3	0.0	.9	.9	6.5
29	17.5	29.2	22.8	66.0	.1	0.0	.1	6.5
30	17.0	29.5	21.4	69.7	.2	2.9	3.1	6.5
31	16.9	27.5	21.5	73.0	0.0	8.1	8.1	4.4
Total					92.0	261.2	353.2	145.4
Promedio	16.8	27.8	21.4	73.5				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	26.7	20.2	79.7	.9	19.3	20.2	4.9
2	16.4	28.8	21.6	69.7	0.0	0.0	0.0	8.9
3	15.9	30.2	22.2	68.0	0.0	0.0	0.0	7.6
4	16.9	26.0	19.4	80.3	1.7	0.0	1.7	1.6
5	15.2	29.0	19.1	77.0	2.7	0.0	2.7	6.2
6	14.9	28.2	21.7	67.7	0.0	1.2	1.2	7.6
7	17.7	28.1	22.7	78.3	3.2	2.1	5.3	4.5
8	16.3	25.3	20.7	80.7	0.0	0.0	0.0	2.3
9	16.2	28.4	21.1	75.3	0.0	11.2	11.2	3.1
10	17.8	26.2	21.0	76.0	.2	0.0	.2	2.5
11	17.7	26.1	21.6	75.0	.7	0.0	.7	2.2
12	18.3	26.8	21.0	78.7	.3	0.0	.3	3.1
13	16.7	29.1	22.2	68.3	0.0	0.0	0.0	5.6
14	16.0	27.9	22.7	74.0	0.0	0.0	0.0	3.3
15	18.1	29.2	22.5	76.0	0.0	13.0	13.0	4.1
16	18.3	25.1	21.7	81.0	0.0	1.0	1.0	.8
17	17.8	28.9	22.1	74.0	0.0	17.6	17.6	5.8
18	16.6	28.7	22.6	70.0	0.0	0.0	0.0	4.6
19	17.2	29.0	22.9	72.7	0.0	0.0	0.0	4.5
20	18.0	30.0	23.7	65.3	0.0	0.0	0.0	6.5
21	18.3	31.0	24.2	66.3	0.0	0.0	0.0	7.6
22	18.1	30.2	24.1	64.0	0.0	0.0	0.0	6.2
23	18.3	27.4	22.8	79.0	0.0	0.0	0.0	1.8
24	17.2	30.4	23.6	71.3	0.0	0.0	0.0	6.3
25	17.9	28.6	23.1	70.0	0.0	0.0	0.0	3.4
26	18.9	28.0	22.4	76.7	0.0	0.0	0.0	2.0
27	17.8	31.3	24.0	70.0	0.0	0.0	0.0	5.3
28	18.1	30.8	22.8	74.0	0.0	0.0	0.0	3.5
29								
30								
31								
Total					9.7	65.4	75.1	125.8
Promedio	17.3	28.4	22.1	73.5				

Estación : VENECIA
Año : 1997

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.3	27.4	21.5	83.0	27.6	.1	27.7	1.0
2	17.7	31.2	23.1	75.3	.2	15.0	15.2	7.1
3	18.6	29.3	23.0	80.3	.7	0.0	.7	5.8
4	19.0	28.4	23.8	74.7	0.0	1.1	1.1	2.8
5	17.7	23.6	20.5	85.0	9.4	0.0	9.4	.1
6	13.0	29.5	21.8	70.3	0.0	0.0	0.0	10.2
7	14.8	30.5	22.9	69.3	.1	0.0	.1	9.8
8	16.4	31.5	23.5	68.0	.1	0.0	.1	9.3
9	18.0	30.9	24.2	70.3	0.0	0.0	0.0	6.8
10	18.4	32.0	25.0	65.3	0.0	0.0	0.0	6.9
11	19.3	30.9	24.7	67.3	0.0	0.0	0.0	5.7
12	17.9	30.9	23.8	72.7	0.0	14.5	14.5	3.9
13	17.3	24.4	20.8	86.0	17.2	0.0	17.2	.7
14	16.7	29.4	22.5	73.3	0.0	0.0	0.0	6.0
15	17.9	31.0	23.0	68.3	0.0	0.0	0.0	6.5
16	18.1	26.5	21.2	84.0	.8	38.7	39.5	1.5
17	18.0	23.4	20.2	89.7	9.0	0.0	9.0	.1
18	16.5	27.6	20.4	82.7	1.3	7.5	8.8	2.8
19	16.8	26.0	20.6	84.3	.1	2.9	3.0	.7
20	17.3	27.0	21.0	76.3	.1	0.0	.1	3.3
21	15.9	28.4	20.7	77.7	0.0	0.0	0.0	6.0
22	15.0	30.0	22.0	66.3	0.0	0.0	0.0	9.1
23	17.8	29.6	21.8	73.7	4.6	0.0	4.6	6.6
24	15.7	31.0	22.8	64.7	.1	0.0	.1	9.7
25	15.0	30.0	22.8	64.3	0.0	0.0	0.0	7.8
26	18.5	29.9	23.8	65.3	0.0	0.0	0.0	7.0
27	16.4	30.4	23.2	60.3	.1	0.0	.1	8.9
28	16.5	28.3	22.6	60.7	0.0	0.0	0.0	4.9
29	16.0	30.0	22.6	70.0	0.0	0.0	0.0	6.5
30	17.1	27.2	21.6	78.0	1.3	0.0	1.3	1.4
31	16.0	30.0	21.5	77.0	.3	0.0	.3	5.1
Total :					73.0	79.8	152.8	164.0
Promedio :	17.0	28.9	22.4	73.7				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	29.0	22.4	79.7	24.4	0.0	24.4	2.7
2	18.5	29.6	23.7	71.7	0.0	0.0	0.0	5.6
3	19.4	28.2	22.3	82.0	15.8	.9	16.7	6.4
4	19.1	28.1	23.2	79.3	.3	0.0	.3	2.4
5	18.0	31.2	23.6	75.0	0.0	0.0	0.0	7.3
6	19.3	28.6	21.5	85.0	1.5	47.6	49.1	4.6
7	17.0	30.2	23.3	74.0	0.0	0.0	0.0	6.4
8	18.3	30.0	20.6	85.7	.1	0.0	.1	2.7
9	15.6	30.1	23.0	73.3	0.0	.2	.2	5.2
10	19.3	27.5	21.9	82.7	3.0	0.0	3.0	2.2
11	16.6	27.0	21.2	80.0	.4	0.0	.4	2.5
12	17.8	26.7	20.8	83.3	0.0	0.0	0.0	6.3
13	17.5	24.6	20.5	86.3	4.3	0.0	4.3	2.5
14	18.0	24.2	21.2	83.7	0.0	0.0	0.0	4.5
15	17.9	24.3	20.0	85.7	50.6	.1	50.7	3.7
16	16.6	27.6	21.9	78.3	0.0	.3	.3	7.6
17	16.8	28.1	21.5	80.3	49.2	.2	49.4	1.6
18	17.9	21.5	19.9	92.3	0.0	0.0	0.0	1.7
19	16.3	28.1	22.0	77.7	17.9	11.1	29.0	2.7
20	17.0	27.0	21.0	79.3	7.2	3.7	10.9	.6
21	17.2	28.3	22.0	77.3	2.5	5.0	7.5	.6
22	16.9	27.5	20.9	81.7	1.5	0.0	1.5	.6
23	15.4	30.1	23.0	71.7	0.0	24.7	24.7	4.6
24	16.9	30.6	21.1	81.0	0.0	.4	.4	4.5
25	18.5	27.1	21.8	82.7	5.3	0.0	5.3	0.0
26	17.5	29.0	23.5	70.0	0.0	32.1	32.1	3.9
27	16.5	29.2	19.7	81.0	.3	1.1	1.4	5.3
28	16.2	28.3	22.5	74.7	0.0	3.2	3.2	5.4
29	16.5	29.9	23.2	72.3	0.0	0.0	0.0	7.5
30	16.9	29.0	22.9	69.7	0.0	0.0	0.0	6.1
31								
Total :					184.3	130.6	314.9	117.7
Promedio :	17.4	28.0	21.9	79.2				

Estación : VENECIA
Año : 1997

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	29.4	22.8	74.3	0.0	0.0	0.0	6.0
2	18.0	29.5	23.5	74.0	0.0	0.0	0.0	3.5
3	17.7	30.6	23.2	75.0	0.0	.2	.2	4.7
4	19.0	29.0	22.9	77.7	0.0	0.0	0.0	3.4
5	15.5	30.1	23.6	70.0	0.0	0.0	0.0	6.9
6	19.0	28.2	23.4	75.7	0.0	0.0	0.0	2.6
7	18.4	30.0	22.4	73.7	0.0	0.0	0.0	4.3
8	14.8	31.0	23.6	70.7	0.0	0.0	0.0	9.1
9	18.4	28.7	22.8	79.7	.4	2.0	2.4	2.9
10	18.7	29.3	22.3	80.3	.8	65.9	66.7	4.7
11	16.9	24.2	20.9	84.3	0.0	.1	.1	.3
12	18.5	27.4	22.0	74.0	0.0	.7	.7	2.1
13	18.0	28.3	20.9	81.7	.3	0.0	.3	3.5
14	15.3	28.5	20.9	81.0	1.5	0.0	1.5	4.4
15	18.2	28.4	22.3	76.7	0.0	0.0	0.0	4.6
16	16.4	29.7	22.9	73.7	0.0	0.0	0.0	5.7
17	18.0	30.5	23.6	73.7	0.0	0.0	0.0	7.7
18	17.1	30.9	23.9	66.7	0.0	0.0	0.0	6.8
19	18.4	28.8	23.2	77.0	0.0	0.0	0.0	1.1
20	19.0	28.0	23.2	76.0	0.0	0.0	0.0	1.6
21	18.0	31.4	21.8	81.0	1.9	.1	2.0	5.9
22	18.2	28.6	22.2	79.3	0.0	0.0	0.0	3.8
23	16.5	31.0	24.4	71.0	0.0	0.0	0.0	9.3
24	19.4	29.0	23.8	75.7	0.0	0.0	0.0	4.0
25	18.5	26.7	21.7	84.3	2.5	.8	3.3	.2
26	18.8	25.8	20.6	87.3	41.6	4.2	45.8	.6
27	17.6	28.5	22.2	78.3	0.0	4.2	4.2	5.5
28	19.0	27.4	22.4	77.3	0.0	0.0	0.0	2.8
29	17.7	29.5	23.0	78.7	.1	0.0	.1	7.8
30	19.0	28.1	21.2	84.7	14.8	0.0	14.8	2.7
31	17.0	27.7	21.5	85.3	0.0	0.0	0.0	2.6
Total					63.9	78.2	142.1	131.1
Promedio :	17.8	28.8	22.6	77.4				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	30.2	22.0	76.0	0.0	0.0	0.0	4.0
2	16.6	28.1	22.2	76.0	.2	0.0	.2	5.6
3	16.9	30.4	22.6	77.0	0.0	17.0	17.0	5.8
4	17.8	21.9	19.3	87.7	3.6	0.0	3.6	0.0
5	16.0	28.4	21.9	75.0	0.0	2.6	2.6	8.5
6	18.3	28.2	22.5	79.3	0.0	91.9	91.9	3.5
7	17.0	24.6	19.4	88.3	18.3	12.2	30.5	.9
8	16.7	24.2	20.3	85.0	3.1	0.0	3.1	1.5
9	15.2	27.9	21.2	74.3	0.0	10.4	10.4	2.5
10	16.0	29.2	22.7	74.3	0.0	4.4	4.4	7.4
11	18.1	27.6	22.5	78.7	0.0	5.7	5.7	3.6
12	17.5	28.4	22.2	76.7	.2	0.0	.2	4.7
13	16.8	26.8	21.6	80.0	0.0	0.0	0.0	2.8
14	18.0	30.1	22.9	73.3	0.0	0.0	0.0	9.0
15	16.2	29.2	22.8	71.3	0.0	0.0	0.0	6.1
16	18.3	28.3	22.9	74.7	0.0	0.0	0.0	2.4
17	18.2	29.1	22.5	75.0	.2	0.0	.2	4.4
18	18.1	27.0	22.2	78.0	.1	18.6	18.7	1.6
19	18.0	26.5	21.8	80.0	.4	0.0	.4	4.1
20	17.6	30.0	23.5	71.3	.9	2.0	2.9	7.4
21	18.0	29.6	23.1	73.0	0.0	0.0	0.0	9.5
22	16.8	30.9	24.0	68.7	0.0	0.0	0.0	8.8
23	18.0	31.0	23.7	75.3	0.0	0.0	0.0	6.4
24	19.2	27.1	22.2	81.3	0.0	8.0	8.0	.9
25	17.9	27.2	21.2	81.7	.9	.9	1.8	3.2
26	18.3	26.2	21.1	82.7	0.0	.1	.1	.8
27	17.9	28.9	22.9	71.7	0.0	0.0	0.0	6.4
28	16.7	30.2	23.1	72.7	0.0	0.0	0.0	7.6
29	17.6	30.4	23.3	70.7	0.0	1.5	1.5	6.9
30	18.2	29.6	23.2	78.0	0.0	1.0	1.0	7.7
31								
Total					27.9	176.3	204.2	144.0
Promedio :	17.5	28.2	22.2	76.9				

Estación : VENECIA
Año : 1997

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	29.9	22.6	69.7	0.0	0.0	0.0	6.2
2	14.1	30.7	22.6	63.0	0.0	0.0	0.0	9.6
3	17.0	30.4	23.4	68.7	0.0	.1	.1	8.9
4	16.2	31.4	23.6	73.0	0.0	0.0	0.0	7.4
5	17.0	29.9	22.8	74.7	.1	0.0	.1	8.2
6	17.1	31.9	24.6	65.3	0.0	.1	.1	9.2
7	18.3	30.1	24.2	70.7	0.0	0.0	0.0	6.0
8	17.5	28.5	23.1	76.7	0.0	0.0	0.0	2.6
9	17.4	29.4	22.2	73.0	0.0	0.0	0.0	3.5
10	16.2	29.5	22.4	73.0	0.0	0.0	0.0	5.4
11	16.8	29.9	23.9	70.3	0.0	0.0	0.0	7.3
12	17.9	30.6	23.1	72.0	0.0	0.0	0.0	4.8
13	14.6	33.3	25.3	52.0	0.0	0.0	0.0	9.1
14	15.7	30.8	22.8	67.7	0.0	0.0	0.0	7.4
15	15.3	28.1	22.8	73.3	0.0	0.0	0.0	2.3
16	17.3	30.5	23.6	71.3	0.0	0.0	0.0	4.1
17	17.5	30.1	24.3	63.3	0.0	0.0	0.0	7.2
18	18.0	32.9	24.6	56.7	0.0	0.0	0.0	9.5
19	17.2	33.9	25.5	53.7	0.0	0.0	0.0	8.3
20	15.3	33.5	26.3	48.0	0.0	0.0	0.0	9.3
21	15.6	31.4	24.6	55.0	0.0	0.0	0.0	5.2
22	15.4	30.1	23.5	65.7	0.0	0.0	0.0	5.5
23	16.0	34.0	26.1	52.3	0.0	0.0	0.0	9.2
24	15.6	34.1	26.8	50.0	0.0	0.0	0.0	8.5
25	17.3	29.9	23.9	68.0	0.0	0.0	0.0	1.3
26	16.0	33.3	24.7	58.7	0.0	0.0	0.0	8.6
27	16.6	29.3	22.4	69.0	0.0	0.0	0.0	.8
28	15.9	31.1	22.9	68.0	0.0	0.0	0.0	4.7
29	16.2	31.0	21.1	77.7	4.8	0.0	4.8	6.2
30	18.2	29.9	23.2	70.3	0.0	0.0	0.0	4.8
31	17.1	33.0	24.3	66.0	0.0	0.0	0.0	9.0
Total :					4.9	.2	5.1	200.1
Promedio :	16.6	31.0	23.8	65.7				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	33.5	25.2	60.0	0.0	0.0	0.0	9.3
2	17.0	31.6	23.5	69.7	0.0	0.0	0.0	3.4
3	16.6	33.9	24.6	62.3	0.0	0.0	0.0	9.1
4	15.2	33.3	24.2	58.7	0.0	0.0	0.0	8.2
5	15.1	35.2	24.8	55.3	0.0	0.0	0.0	9.0
6	18.0	33.9	25.4	57.0	0.0	0.0	0.0	7.9
7	18.4	34.5	26.0	51.3	0.0	0.0	0.0	7.4
8	15.2	32.8	24.0	58.0	0.0	0.0	0.0	7.6
9	16.4	29.9	23.6	60.3	0.0	0.0	0.0	1.3
10	16.0	31.6	23.7	55.7	0.0	0.0	0.0	4.7
11	15.4	32.3	23.9	64.0	0.0	0.0	0.0	6.7
12	17.5	31.4	24.9	63.7	0.0	0.0	0.0	5.9
13	17.7	31.7	24.4	64.3	0.0	0.0	0.0	5.0
14	17.4	30.6	23.2	68.7	0.0	0.0	0.0	4.8
15	15.0	34.0	24.3	60.0	0.0	0.0	0.0	8.0
16	16.0	33.3	24.1	63.7	0.0	0.0	0.0	7.2
17	16.6	32.2	24.5	62.7	0.0	0.0	0.0	5.8
18	16.5	32.9	24.8	60.0	0.0	0.0	0.0	9.3
19	15.6	30.9	23.5	66.3	0.0	0.0	0.0	5.7
20	16.8	33.1	25.4	51.0	0.0	0.0	0.0	10.0
21	13.3	34.7	24.4	49.0	0.0	0.0	0.0	9.9
22	17.2	32.3	24.8	62.0	0.0	0.0	0.0	7.2
23	17.1	30.5	24.3	65.3	0.0	0.0	0.0	3.5
24	16.5	33.1	24.9	62.3	0.0	0.0	0.0	8.4
25	15.6	34.2	25.3	61.0	0.0	0.0	0.0	10.3
26	17.1	33.2	25.2	63.0	0.0	0.0	0.0	6.1
27	17.5	31.5	25.6	54.0	0.0	0.0	0.0	4.2
28	15.3	33.8	24.3	47.3	0.0	0.0	0.0	8.8
29	14.3	33.9	24.0	55.0	0.0	0.0	0.0	8.9
30	13.4	32.6	23.8	60.3	0.0	0.0	0.0	8.6
31	16.0	33.5	22.4	75.3	2.4	0.0	2.4	7.1
Total :					2.4	0.0	2.4	219.3
Promedio :	16.2	32.8	24.4	60.2				

Estación : VENECIA
Año : 1997

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	30.6	20.9	80.3	3.3	0.0	3.3	5.0
2	16.6	30.8	22.4	72.3	.4	0.0	.4	4.3
3	17.5	29.1	22.8	72.3	0.0	0.0	0.0	5.0
4	16.5	33.1	24.4	65.3	0.0	0.0	0.0	7.4
5	17.2	31.8	22.4	75.3	4.5	6.6	11.1	5.6
6	17.0	29.2	21.9	72.7	0.0	0.0	0.0	5.2
7	17.4	30.5	22.3	68.7	0.0	44.4	44.4	4.1
8	18.0	26.0	22.0	79.7	0.0	41.7	41.7	1.3
9	17.7	29.6	22.1	75.3	0.0	0.0	0.0	3.7
10	17.1	30.0	23.0	73.3	0.0	0.0	0.0	4.0
11	17.0	31.2	23.7	70.0	0.0	0.0	0.0	6.0
12	16.9	30.5	23.2	73.3	0.0	0.0	0.0	4.2
13	17.7	31.6	22.2	76.7	11.5	0.0	11.5	6.0
14	16.9	31.6	23.7	67.7	0.0	0.0	0.0	9.2
15	16.3	32.4	24.6	64.3	0.0	0.0	0.0	8.6
16	17.2	31.3	23.7	70.0	0.0	0.0	0.0	5.2
17	15.9	32.0	23.9	66.3	0.0	0.0	0.0	8.4
18	15.4	29.6	22.9	70.3	0.0	0.0	0.0	4.9
19	17.3	30.7	22.6	72.3	.1	0.0	.1	4.5
20	18.6	25.6	21.6	77.0	0.0	0.0	0.0	1.1
21	16.1	30.7	22.2	77.3	.5	6.8	7.3	6.4
22	18.3	26.6	21.3	83.3	3.9	12.2	16.1	2.3
23	17.0	25.0	21.2	81.3	.3	26.4	26.7	1.7
24	17.4	25.6	21.0	84.7	12.6	0.0	12.6	1.8
25	17.9	28.8	22.5	78.7	0.0	0.0	0.0	3.6
26	18.7	27.9	23.3	76.0	0.0	0.0	0.0	4.0
27	16.9	27.6	21.6	79.3	0.0	0.0	0.0	2.4
28	16.7	29.5	22.1	74.3	0.0	0.0	0.0	4.7
29	14.8	31.6	22.4	70.0	0.0	0.0	0.0	8.4
30	16.2	30.8	20.7	76.3	54.3	.3	54.6	7.5
31								
Total :					91.4	138.4	229.8	146.5
Promedio :	17.0	29.7	22.5	74.1				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	30.0	22.6	74.7	0.0	36.0	36.0	6.8
2	18.0	28.2	22.4	76.3	0.0	0.0	0.0	3.3
3	17.0	26.5	21.8	81.0	0.0	8.3	8.3	.7
4	18.5	30.5	23.7	71.3	0.0	0.0	0.0	7.8
5	19.0	30.1	23.4	75.0	0.0	0.0	0.0	5.1
6	17.8	28.7	22.8	75.0	0.0	0.0	0.0	6.0
7	16.4	31.5	22.5	72.0	0.0	0.0	0.0	7.8
8	16.3	30.8	23.0	71.0	0.0	0.0	0.0	7.1
9	16.5	30.7	23.7	68.3	0.0	.7	.7	7.0
10	17.4	29.0	22.7	74.0	0.0	36.2	36.2	5.5
11	17.6	26.5	21.7	79.0	.3	4.4	4.7	1.8
12	18.1	28.8	23.4	65.7	0.0	2.2	2.2	6.3
13	17.9	27.9	22.2	71.0	0.0	0.0	0.0	4.7
14	16.5	29.8	23.0	69.3	0.0	.8	.8	8.9
15	17.0	29.2	22.5	74.0	0.0	0.0	0.0	5.8
16	17.1	27.6	22.7	71.0	0.0	4.3	4.3	3.7
17	17.2	26.9	21.4	71.7	0.0	2.4	2.4	4.9
18	16.6	29.6	21.4	79.0	.5	4.3	4.8	6.3
19	18.0	27.5	21.6	81.3	0.0	0.0	0.0	3.3
20	17.5	29.7	23.7	72.0	0.0	8.3	8.3	7.1
21	18.4	27.3	22.0	80.7	0.0	1.0	1.0	3.9
22	19.0	27.0	22.0	76.3	0.0	.5	.5	3.9
23	16.0	29.8	22.4	74.0	0.0	0.0	0.0	7.2
24	17.5	31.4	22.0	79.0	0.0	0.0	0.0	7.8
25	16.4	29.4	23.1	76.7	0.0	0.0	0.0	6.6
26	18.0	31.8	24.1	69.0	0.0	0.0	0.0	8.7
27	18.1	30.5	22.6	77.7	.2	0.0	.2	6.2
28	17.5	28.3	23.1	75.3	0.0	0.0	0.0	2.4
29	18.0	30.0	23.1	73.7	0.0	0.0	0.0	6.6
30	17.5	31.4	23.5	71.7	.4	0.0	.4	7.1
31	17.0	29.5	21.3	82.3	.8	0.0	.8	5.2
Total :					2.2	109.4	111.6	175.5
Promedio :	17.4	29.2	22.6	74.5				

Estación : VENECIA
Año : 1997

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.4	23.0	72.3	0.0	0.0	0.0	5.5
2	16.0	32.0	24.0	67.7	0.0	0.0	0.0	8.8
3	18.5	28.2	23.3	76.7	0.0	0.0	0.0	1.5
4	17.8	29.0	21.5	81.3	9.2	0.0	9.2	3.1
5	16.2	29.8	22.4	77.0	0.0	0.0	0.0	8.6
6	18.4	29.4	22.9	79.3	0.0	0.0	0.0	3.4
7	18.8	27.6	22.1	84.7	.5	46.5	47.0	1.2
8	18.2	21.8	18.9	96.7	13.8	0.0	13.8	0.0
9	17.5	25.4	20.0	88.3	12.0	4.2	16.2	1.2
10	17.9	26.9	21.0	82.7	.3	8.2	8.5	3.4
11	18.4	28.6	21.7	78.3	0.0	.1	.1	4.7
12	18.0	27.9	21.0	84.3	2.3	24.4	26.7	4.2
13	17.0	25.5	19.8	86.7	9.1	6.0	15.1	2.8
14	17.2	27.7	19.6	81.7	22.2	0.0	22.2	5.6
15	15.9	27.2	20.2	77.3	0.0	0.0	0.0	6.7
16	15.4	27.5	21.0	76.3	0.0	0.0	0.0	5.5
17	18.5	26.6	20.7	84.3	1.0	0.0	1.0	2.1
18	16.0	28.4	21.6	75.7	0.0	0.0	0.0	6.6
19	17.2	28.1	21.1	83.7	1.6	6.1	7.7	2.7
20	17.5	27.2	20.7	84.7	3.7	0.0	3.7	3.8
21	16.7	28.0	22.3	76.3	0.0	0.0	0.0	5.5
22	16.8	30.2	23.2	75.3	0.0	0.0	0.0	7.0
23	16.9	29.8	22.0	81.0	11.1	4.6	15.7	6.8
24	17.9	27.2	22.4	77.7	0.0	21.3	21.3	2.4
25	18.1	24.9	19.5	92.0	19.4	6.6	26.0	1.1
26	16.9	25.5	20.6	81.0	0.0	0.0	0.0	.5
27	16.2	29.0	21.7	73.0	0.0	0.0	0.0	6.5
28	16.0	30.4	22.6	74.0	0.0	0.0	0.0	9.7
29	16.5	29.8	21.6	77.3	0.0	56.9	56.9	5.4
30	14.8	29.1	21.4	76.3	.1	.3	.4	8.1
31								
Total :					106.3	185.2	291.5	134.4
Promedio :	17.1	28.0	21.5	80.1				

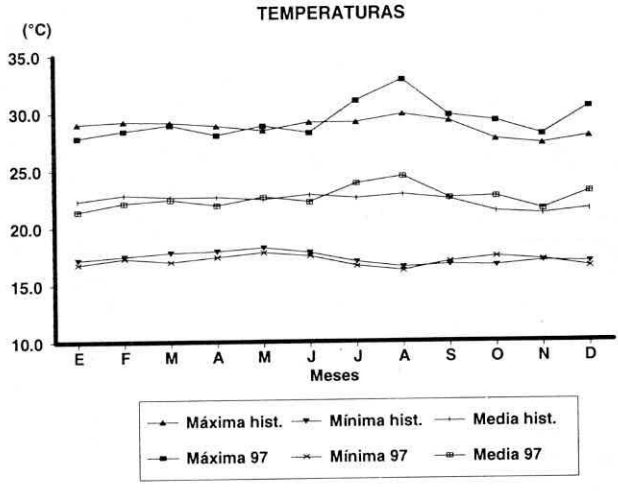
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.3	29.6	22.9	74.0	0.0	7.7	7.7	7.4
2	17.0	29.0	21.9	79.3	2.6	.6	3.2	6.4
3	18.2	28.8	22.2	76.0	0.0	0.0	0.0	6.5
4	14.9	29.8	22.0	73.7	0.0	0.0	0.0	9.6
5	15.8	30.4	22.6	72.7	0.0	0.0	0.0	8.4
6	17.0	31.4	23.8	73.0	0.0	0.0	0.0	8.0
7	17.1	31.0	23.7	74.3	0.0	0.0	0.0	8.5
8	17.0	31.4	23.4	69.3	0.0	0.0	0.0	9.4
9	15.9	30.6	23.0	66.3	0.0	0.0	0.0	8.9
10	16.0	30.1	23.1	73.7	0.0	0.0	0.0	6.0
11	17.7	31.5	23.9	70.3	0.0	0.0	0.0	6.5
12	17.0	28.9	22.7	75.7	0.0	0.0	0.0	3.6
13	16.9	30.7	23.6	71.7	0.0	0.0	0.0	8.7
14	16.0	30.5	22.3	76.3	3.9	3.6	7.5	6.2
15	17.8	26.0	21.5	83.0	0.0	0.0	0.0	.5
16	16.0	30.4	21.8	78.7	2.1	0.0	2.1	6.6
17	17.6	30.0	23.3	72.0	0.0	0.0	0.0	8.3
18	16.3	30.4	22.7	70.7	0.0	0.0	0.0	7.4
19	15.2	30.3	22.4	74.3	0.0	0.0	0.0	8.3
20	16.8	28.1	21.9	76.3	0.0	0.0	0.0	1.6
21	16.2	30.7	23.4	74.0	0.0	0.0	0.0	7.9
22	16.2	31.2	23.6	70.3	0.0	0.0	0.0	8.9
23	15.1	32.1	23.7	67.7	0.0	0.0	0.0	9.8
24	16.3	31.4	24.0	63.0	0.0	0.0	0.0	8.2
25	16.8	30.9	23.8	65.0	0.0	0.0	0.0	7.7
26	17.0	31.9	23.3	65.0	0.0	0.0	0.0	6.7
27	16.1	31.2	23.4	66.3	0.0	0.0	0.0	7.8
28	15.2	32.0	24.1	63.0	0.0	0.0	0.0	9.0
29	16.1	31.8	21.8	73.0	.6	0.0	.6	7.5
30	16.5	28.5	22.9	63.7	0.0	0.0	0.0	4.7
31	16.0	31.3	22.8	66.7	0.0	0.0	0.0	7.7
Total :					9.2	11.9	21.1	222.7
Promedio :	16.5	30.4	23.0	71.6				

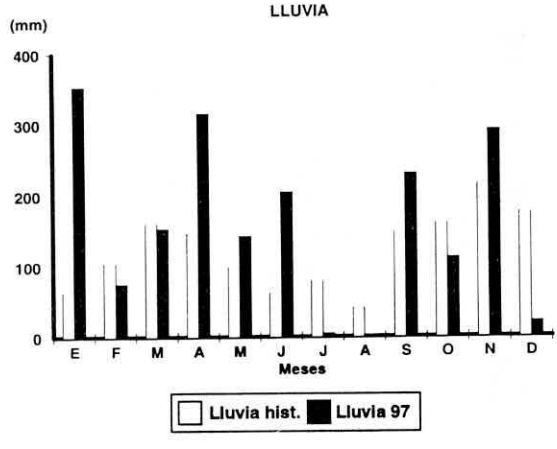
Estación : VENECIA
Año : 1997

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 'N
Longitud : 75 ° 50 'W
Altitud : 1170 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.8	27.8	21.4	30.1	14.0	73.5	353.2	23	145.4
Febrero	17.3	28.4	22.1	31.3	14.9	73.5	75.1	12	125.8
Marzo	17.0	28.9	22.4	32.0	13.0	73.7	152.8	19	164.0
Abril	17.4	28.0	21.9	31.2	15.4	79.2	314.9	22	117.7
Mayo	17.8	28.8	22.6	31.4	14.8	77.4	142.1	13	131.1
Junio	17.5	28.2	22.2	31.0	15.2	76.9	204.2	20	144.0
Julio	16.6	31.0	23.8	34.1	14.1	65.7	5.1	4	200.1
Agosto	16.2	32.8	24.4	35.2	13.3	60.2	2.4	1	219.3
Septiembre	17.0	29.7	22.5	33.1	14.8	74.1	229.8	12	146.5
Octubre	17.4	29.2	22.6	31.8	15.5	74.5	111.6	16	175.5
Noviembre	17.1	28.0	21.5	32.0	14.8	80.1	291.5	17	134.4
Diciembre	16.5	30.4	23.0	32.1	14.9	71.6	21.1	5	222.7
Promedio :	17.1	29.3	22.5			73.4			
Absoluta :				35.2	13.0				
Total :							1903.8	164	1926.5





Estación : LA SIRENA
Año : 1997

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	19.9	17.4	92.7	.7	0.0	.7	.1
2	16.0	23.0	18.7	86.0	1.6	.1	1.7	2.0
3	16.2	24.0	18.6	87.0	.1	0.0	.1	1.3
4	16.1	24.6	19.8	81.7	0.0	0.0	0.0	2.4
5	16.7	25.9	19.8	81.7	0.0	1.1	1.1	4.9
6	17.0	25.5	20.0	79.7	0.0	2.4	2.4	1.7
7	15.9	23.5	17.7	87.0	39.6	.2	39.8	.4
8	16.0	25.5	20.1	78.7	0.0	0.0	0.0	3.6
9	17.0	23.1	19.7	85.0	0.0	31.7	31.7	.9
10	16.5	21.0	17.2	92.7	10.5	.2	10.7	.4
11	15.5	24.5	19.5	79.7	0.0	.4	.4	3.8
12	16.6	24.8	20.2	82.7	0.0	25.3	25.3	3.2
13	14.0	25.0	19.4	79.3	0.0	0.0	0.0	8.1
14	16.9	25.2	20.6	80.0	0.0	4.8	4.8	4.1
15	17.0	24.0	19.3	85.3	1.3	2.8	4.1	4.1
16	16.5	24.8	19.0	84.0	2.7	8.3	11.0	3.1
17	16.0	22.6	18.3	88.3	7.2	7.7	14.9	1.2
18	16.2	24.0	18.2	86.7	38.4	1.9	40.3	2.0
19	16.5	25.1	20.0	78.3	0.0	56.0	56.0	2.5
20	16.0	22.0	16.7	88.3	12.5	.5	13.0	.3
21	16.0	23.0	18.7	86.3	.7	.8	1.5	.4
22	15.9	25.2	19.2	82.0	3.8	0.0	3.8	2.7
23	16.1	26.0	18.9	83.3	9.9	26.3	36.2	6.3
24	14.5	24.5	18.9	82.0	0.0	0.0	0.0	3.6
25	16.9	24.0	19.6	83.7	0.0	42.3	42.3	1.5
26	15.2	24.5	18.9	85.3	0.0	11.2	11.2	3.0
27	14.0	24.2	18.4	81.3	0.0	0.0	0.0	5.5
28	16.5	25.2	19.8	80.3	0.0	0.0	0.0	3.9
29	17.0	25.1	19.9	81.3	0.0	1.0	1.0	3.7
30	16.5	25.2	19.4	85.0	0.0	35.3	35.3	3.9
31	16.0	24.5	18.6	85.0	0.0	3.7	3.7	3.5
Total					129.0	264.0	393.0	88.1
Promedio :	16.1	24.2	19.0	83.9				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.1	24.1	19.2	80.3	0.0	26.0	26.0	3.8
2	15.5	26.0	19.9	77.0	0.0	0.0	0.0	6.5
3	16.6	25.2	19.6	83.7	3.2	0.0	3.2	5.4
4	16.2	23.2	18.9	84.0	.6	0.0	.6	1.6
5	16.0	25.5	18.5	82.0	2.1	0.0	2.1	6.6
6	15.0	25.0	19.4	79.7	0.0	.4	.4	5.5
7	16.7	24.8	18.6	87.7	1.7	0.0	1.7	2.0
8	16.0	23.0	18.4	91.0	0.0	0.0	0.0	.7
9	16.8	24.5	19.2	87.0	.4	.8	1.2	.9
10	17.0	24.2	19.2	88.7	0.0	0.0	0.0	2.3
11	17.1	23.2	19.8	87.7	7.9	10.6	18.5	1.3
12	17.0	24.2	19.5	84.0	.4	0.0	.4	4.1
13	16.5	26.2	21.0	74.7	0.0	0.0	0.0	7.0
14	16.7	26.0	21.4	78.7	0.0	0.0	0.0	5.2
15	18.0	25.4	21.2	81.7	0.0	5.8	5.8	4.0
16	17.8	22.5	19.7	86.7	0.0	.1	.1	0.0
17	16.9	25.0	19.4	85.0	1.8	13.5	15.3	3.1
18	17.0	24.5	20.8	76.7	0.0	0.0	0.0	2.4
19	17.2	25.5	20.8	82.7	0.0	0.0	0.0	2.6
20	18.0	26.5	21.0	80.0	10.2	0.0	10.2	3.7
21	17.5	27.4	20.7	79.0	0.0	0.0	0.0	4.7
22	17.8	26.2	21.2	82.3	0.0	0.0	0.0	5.2
23	18.0	25.0	20.5	83.0	0.0	0.0	0.0	2.4
24	17.8	26.0	20.8	84.0	4.0	0.0	4.0	3.7
25	16.7	25.5	20.5	80.7	0.0	0.0	0.0	2.4
26	18.0	26.0	21.2	82.7	0.0	0.0	0.0	3.7
27	17.7	27.0	22.2	77.0	0.0	0.0	0.0	4.6
28	18.5	28.5	22.5	73.3	0.0	0.0	0.0	4.6
29								
30								
31								
Total					32.3	57.2	89.5	100.0
Promedio :	17.0	25.2	20.2	82.2				

Estación : LA SIRENA
Año : 1997

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	24.0	19.7	89.3	10.1	0.0	10.1	.7
2	17.5	27.5	21.6	79.7	.3	1.2	1.5	6.1
3	17.3	25.5	21.0	85.0	.4	0.0	.4	4.1
4	18.5	26.0	21.2	82.0	0.0	1.5	1.5	2.6
5	16.6	20.6	18.4	91.3	5.3	0.0	5.3	0.0
6	14.4	26.0	19.9	77.7	0.0	0.0	0.0	7.3
7	16.0	27.0	20.9	78.0	0.0	0.0	0.0	6.9
8	16.8	26.3	21.6	78.0	0.0	0.0	0.0	7.5
9	17.3	26.2	21.6	83.7	0.0	0.0	0.0	4.7
10	17.7	28.2	21.8	79.3	0.0	0.0	0.0	4.1
11	18.2	27.9	21.8	81.0	0.0	0.0	0.0	4.9
12	17.8	26.1	22.0	79.7	0.0	5.7	5.7	2.9
13	16.0	22.9	18.8	88.0	28.0	0.0	28.0	1.0
14	15.4	27.0	21.4	76.3	0.0	0.0	0.0	5.9
15	17.9	27.8	21.6	81.0	0.0	0.0	0.0	3.8
16	18.0	23.7	20.0	85.0	.2	28.0	28.2	1.5
17	16.9	21.3	18.5	92.7	9.5	0.0	9.5	0.0
18	16.5	23.8	19.0	88.7	6.6	6.0	12.6	2.0
19	16.4	23.3	18.8	88.7	3.5	0.0	3.5	1.2
20	16.7	23.8	19.6	82.7	9.9	0.0	9.9	1.8
21	16.1	24.5	20.0	80.3	0.0	0.0	0.0	5.0
22	15.0	26.0	20.3	78.7	0.0	0.0	0.0	7.7
23	17.5	25.4	20.0	81.0	1.0	0.0	1.0	5.1
24	16.5	27.5	20.4	78.0	0.0	0.0	0.0	8.0
25	16.0	26.3	20.1	78.7	0.0	0.0	0.0	6.7
26	17.0	26.0	21.0	77.0	0.0	0.0	0.0	4.8
27	15.8	26.6	20.6	75.7	0.0	0.0	0.0	7.8
28	15.7	26.5	21.0	70.0	0.0	0.0	0.0	3.4
29	16.5	26.1	20.6	79.0	0.0	0.0	0.0	4.5
30	16.8	22.2	19.4	90.3	.5	0.0	.5	.8
31	16.7	23.9	19.6	89.7	3.5	.2	3.7	1.5
Total :					78.8	42.6	121.4	124.3
Promedio :	16.8	25.4	20.4	82.1				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	24.5	18.9	81.0	14.4	.2	14.6	1.6
2	16.5	27.0	20.8	83.7	0.0	0.0	0.0	4.9
3	17.2	26.0	20.4	82.0	0.0	2.8	2.8	3.8
4	16.7	24.0	19.8	86.3	.2	0.0	.2	2.0
5	17.1	25.9	20.6	81.3	.4	0.0	.4	4.7
6	15.2	25.1	19.6	82.0	4.4	8.4	12.8	3.5
7	15.8	25.0	20.4	82.0	0.0	0.0	0.0	3.0
8	18.0	25.4	20.5	85.3	2.6	0.0	2.6	1.9
9	17.7	26.1	20.9	83.3	0.0	11.8	11.8	3.0
10	18.1	24.2	20.0	90.0	5.9	.4	6.3	1.2
11	18.0	24.5	21.0	86.3	.5	0.0	.5	1.0
12	17.9	27.6	21.9	81.3	0.0	0.0	0.0	3.9
13	17.8	25.0	19.8	87.3	9.4	0.0	9.4	2.2
14	16.3	25.2	19.9	87.7	10.8	0.0	10.8	3.2
15	16.6	25.5	19.1	87.7	46.0	0.0	46.0	2.3
16	17.0	26.0	21.2	81.3	0.0	0.0	0.0	4.5
17	18.5	23.0	19.7	91.3	1.3	0.0	1.3	.4
18	17.5	23.5	19.7	84.0	0.0	0.0	0.0	1.1
19	17.2	24.0	19 1	87.7	14.9	9.0	23.9	1.9
20	16.5	22.0	18.5	90.7	7.2	1.2	8.4	.2
21	16.8	21.2	18.4	89.0	3.4	48.3	51.7	.1
22	16.6	20.5	17.9	91.7	1.4	0.0	1.4	.2
23	16.5	25.0	20.4	83.3	0.0	4.4	4.4	4.8
24	17.0	25.3	19.8	87.0	.2	1.3	1.5	5.9
25	17.0	20.5	18.4	92.3	3.9	0.0	3.9	.2
26	16.6	25.0	20.6	78.0	0.0	31.2	31.2	2.3
27	16.1	24.0	19.8	82.0	.2	21.7	21.9	3.1
28	16.0	24.5	19.6	82.0	11.6	2.5	14.1	5.3
29	16.5	26.0	20.7	82.3	0.0	0.0	0.0	4.1
30	16.9	25.6	21.0	77.7	0.0	0.0	0.0	2.7
31								
Total :					138.7	143.2	281.9	79.0
Promedio :	17.0	24.6	19.9	84.9				

Estación : LA SIRENA
Año : 1997

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	26.3	20.8	81.7	0.0	0.0	0.0	3.2
2	17.0	25.2	21.2	80.3	0.0	0.0	0.0	1.1
3	17.3	27.9	20.9	84.3	0.0	.3	.3	4.7
4	17.9	25.5	20.3	83.0	0.0	0.0	0.0	3.3
5	16.8	26.8	22.2	72.7	0.0	0.0	0.0	7.4
6	18.9	26.0	21.1	84.7	0.0	0.0	0.0	2.0
7	17.0	25.9	20.7	81.3	0.0	0.0	0.0	4.0
8	16.5	28.0	21.7	78.3	0.0	0.0	0.0	8.5
9	18.0	25.2	21.1	81.7	0.0	3.0	3.0	3.0
10	18.0	26.0	20.4	83.0	1.3	24.3	25.6	4.5
11	16.0	23.6	18.8	86.3	0.0	.2	.2	.3
12	16.7	26.0	20.6	80.3	0.0	0.0	0.0	3.6
13	16.9	23.4	19.2	87.0	.8	0.0	.8	.7
14	16.7	24.5	19.2	87.0	1.9	0.0	1.9	2.3
15	16.8	25.0	20.4	85.3	0.0	0.0	0.0	4.5
16	16.9	26.1	21.4	78.0	2.6	0.0	2.6	6.7
17	17.8	26.5	21.8	78.0	.1	0.0	.1	3.8
18	17.6	26.3	22.0	83.0	0.0	0.0	0.0	5.1
19	18.8	25.1	20.9	86.3	0.0	0.0	0.0	.7
20	18.2	25.8	20.8	86.3	0.0	0.0	0.0	1.9
21	17.2	27.0	20.5	81.7	32.3	.3	32.6	5.7
22	17.0	24.1	20.5	84.7	0.0	0.0	0.0	2.8
23	16.9	26.2	22.2	77.0	0.0	0.0	0.0	8.3
24	18.5	25.3	21.7	80.7	.5	0.0	.5	3.7
25	18.0	23.0	19.7	87.0	13.1	4.0	17.1	.1
26	17.2	22.5	19.0	88.7	5.7	4.5	10.2	0.0
27	16.0	24.7	20.0	83.0	0.0	.6	.6	4.7
28	18.0	23.8	20.5	82.3	0.0	0.0	0.0	.7
29	18.0	25.5	20.8	82.7	.7	0.0	.7	4.3
30	18.5	24.5	19.6	90.3	1.1	1.3	2.4	1.8
31	17.0	23.2	19.7	90.3	0.0	.8	.8	.4
Total					60.1	39.3	99.4	103.8
Promedio :	17.4	25.3	20.6	83.1				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	24.7	19.6	84.7	60.8	0.0	60.8	2.3
2	17.7	24.9	20.8	83.3	10.4	0.0	10.4	2.8
3	16.8	25.9	20.8	84.0	1.3	21.7	23.0	2.8
4	16.5	19.0	17.2	93.0	4.0	0.0	4.0	0.0
5	15.2	24.0	20.1	82.3	0.0	.1	.1	4.7
6	17.5	24.1	19.7	88.3	10.1	48.1	58.2	2.4
7	16.0	20.2	17.6	92.3	13.8	5.8	19.6	.3
8	15.0	20.1	17.4	92.0	2.3	0.0	2.3	.1
9	15.6	24.9	18.8	82.3	7.4	1.9	9.3	2.4
10	15.3	25.2	19.9	84.0	.3	3.4	3.7	7.9
11	16.9	24.6	20.4	84.0	0.0	20.5	20.5	3.8
12	15.8	24.2	19.6	85.7	.3	0.0	.3	4.2
13	16.5	22.8	19.1	91.7	.7	0.0	.7	2.0
14	16.4	25.0	20.3	82.7	0.0	0.0	0.0	5.1
15	16.7	26.0	21.6	78.0	0.0	0.0	0.0	5.8
16	17.1	25.0	20.3	89.0	0.0	0.0	0.0	3.5
17	17.0	24.9	19.7	88.3	3.6	0.0	3.6	2.2
18	17.2	23.8	19.3	87.3	17.3	1.9	19.2	2.2
19	16.5	23.1	19.8	86.7	0.0	0.0	0.0	2.1
20	17.0	25.7	20.6	84.0	0.0	0.0	0.0	5.7
21	16.8	26.2	20.8	80.0	0.0	0.0	0.0	8.9
22	16.7	26.8	22.2	77.3	0.0	0.0	0.0	9.0
23	18.0	27.1	21.6	82.7	0.0	0.0	0.0	4.5
24	18.2	23.9	19.9	85.0	.1	8.0	8.1	.5
25	16.6	23.0	19.0	88.7	.8	.2	1.0	2.5
26	16.7	22.9	19.0	89.0	0.0	.3	.3	.4
27	17.0	25.6	20.7	79.7	0.0	0.0	0.0	5.0
28	16.8	26.1	21.5	76.7	.4	0.0	.4	8.3
29	17.5	26.5	21.6	80.0	0.0	.7	.7	4.0
30	17.0	26.0	20.7	81.3	0.0	.7	.7	5.8
31								
Total					133.6	113.3	246.9	111.2
Promedio :	16.7	24.4	20.0	84.8				

Estación : LA SIRENA
Año : 1997

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	25.0	20.5	85.7	0.0	0.0	0.0	5.2
2	16.0	25.5	21.2	73.7	0.0	0.0	0.0	10.2
3	17.5	27.0	21.4	78.7	0.0	.7	.7	6.2
4	17.0	27.5	21.4	75.7	0.0	0.0	0.0	6.5
5	17.2	25.0	20.7	83.3	1.0	0.0	1.0	4.7
6	18.0	28.0	22.5	75.3	0.0	0.0	0.0	7.5
7	18.5	26.0	22.1	82.3	0.0	0.0	0.0	4.6
8	18.0	25.0	20.9	83.0	0.0	0.0	0.0	1.0
9	17.0	25.5	20.6	74.3	0.0	0.0	0.0	1.5
10	16.5	25.4	21.2	76.3	0.0	0.0	0.0	8.1
11	17.0	26.0	22.2	76.0	0.0	0.0	0.0	7.3
12	18.0	26.5	21.9	76.7	0.0	0.0	0.0	4.2
13	17.0	31.0	23.2	61.7	0.0	0.0	0.0	10.3
14	17.0	27.0	21.9	72.0	0.0	0.0	0.0	5.2
15	17.0	26.0	21.2	83.0	0.0	0.0	0.0	3.8
16	17.5	27.0	20.8	83.3	0.0	0.0	0.0	3.6
17	17.0	27.5	23.0	73.7	0.0	0.0	0.0	8.0
18	18.5	29.0	23.3	59.3	0.0	0.0	0.0	8.4
19	17.5	29.5	23.1	67.3	0.0	0.0	0.0	6.7
20	17.0	30.5	23.5	56.0	0.0	0.0	0.0	10.1
21	17.5	28.0	22.5	66.7	0.0	0.0	0.0	7.5
22	17.0	26.5	21.8	76.0	0.0	0.0	0.0	3.5
23	17.5	30.5	23.5	65.0	0.0	0.0	0.0	10.3
24	17.1	32.0	25.0	53.3	0.0	0.0	0.0	10.3
25	19.0	26.5	22.1	76.0	0.0	0.0	0.0	.2
26	18.0	28.0	22.8	66.3	0.0	0.0	0.0	5.3
27	18.5	26.0	21.0	80.7	0.0	0.0	0.0	.6
28	16.5	26.5	20.6	77.7	1.8	.3	2.1	4.8
29	16.5	26.5	19.8	83.0	.9	1.5	2.4	6.3
30	17.0	26.0	20.4	80.7	0.0	0.0	0.0	3.9
31	17.5	28.0	21.3	81.0	.1	0.0	.1	6.1
Total :					3.8	2.5	6.3	181.9
Promedio :	17.4	27.2	21.9	74.3				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	29.0	22.6	74.7	0.0	0.0	0.0	9.8
2	18.0	27.0	22.6	75.0	0.0	0.0	0.0	4.6
3	17.5	28.0	22.6	73.7	0.0	0.0	0.0	4.9
4	17.5	29.5	22.9	62.3	0.0	0.0	0.0	7.4
5	16.5	30.5	23.2	64.0	0.0	0.0	0.0	8.7
6	19.0	29.5	23.4	72.3	0.0	0.0	0.0	7.6
7	18.5	30.0	23.3	60.3	0.0	0.0	0.0	7.1
8	17.0	29.0	22.3	68.0	0.0	0.0	0.0	6.8
9	16.0	25.5	21.4	69.3	0.0	0.0	0.0	.4
10	17.0	28.5	22.0	58.7	0.0	0.0	0.0	6.5
11	17.2	28.0	21.7	75.3	0.0	0.0	0.0	4.9
12	17.5	27.2	22.4	75.7	0.0	0.0	0.0	5.5
13	18.0	27.0	21.6	77.3	0.0	0.0	0.0	4.9
14	17.5	26.8	21.6	80.7	0.0	0.0	0.0	3.1
15	17.0	30.0	22.6	71.3	0.0	0.0	0.0	7.0
16	18.0	28.5	22.5	74.3	0.0	0.0	0.0	7.7
17	17.0	27.5	21.8	76.3	0.0	0.0	0.0	5.3
18	17.5	28.0	21.6	74.0	0.0	0.0	0.0	7.7
19	17.0	26.0	22.0	73.7	0.0	0.0	0.0	5.4
20	17.5	29.5	22.8	58.3	0.0	0.0	0.0	8.5
21	16.5	31.0	22.8	65.7	0.0	0.0	0.0	9.1
22	18.0	28.0	21.9	74.7	0.0	0.0	0.0	6.5
23	17.5	28.0	22.1	76.7	0.0	0.0	0.0	3.7
24	17.2	30.0	22.2	78.7	0.0	0.0	0.0	7.7
25	17.0	29.5	22.8	71.0	0.0	0.0	0.0	6.6
26	18.5	28.5	23.2	75.7	0.0	0.0	0.0	4.1
27	17.5	27.0	22.6	65.7	0.0	0.0	0.0	1.8
28	18.0	31.5	24.0	48.7	0.0	0.0	0.0	8.3
29	16.5	29.5	22.2	68.0	0.0	0.0	0.0	8.6
30	16.5	29.0	22.1	68.3	0.0	0.0	0.0	8.1
31	18.0	29.5	21.1	76.0	10.9	0.0	10.9	5.6
Total :					10.9	0.0	10.9	193.9
Promedio :	17.4	28.6	22.4	70.5				

Estación : LA SIRENA
Año : 1997

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	27.0	20.0	85.0	1.0	0.0	1.0	3.7
2	16.5	26.5	20.2	81.3	0.0	0.0	0.0	2.2
3	17.5	25.0	20.7	86.3	0.0	.9	.9	2.5
4	17.0	29.5	22.1	72.0	0.0	0.0	0.0	7.9
5	18.0	29.0	20.4	80.3	5.4	9.6	15.0	3.6
6	16.0	25.5	19.5	82.0	0.0	0.0	0.0	5.1
7	17.5	25.2	20.2	82.0	.6	12.0	12.6	1.5
8	17.0	24.1	19.7	84.7	0.0	29.8	29.8	.5
9	16.5	26.5	20.4	84.0	0.0	0.0	0.0	3.5
10	18.0	27.5	21.8	78.3	0.0	0.0	0.0	3.5
11	18.5	27.5	21.7	79.7	.3	0.0	.3	2.9
12	18.0	27.0	22.0	77.7	0.0	0.0	0.0	1.6
13	18.0	27.5	21.3	80.0	0.0	0.0	0.0	4.8
14	17.5	27.2	21.7	77.0	0.0	0.0	0.0	5.3
15	17.0	29.0	22.1	76.3	0.0	0.0	0.0	6.7
16	18.0	27.0	22.2	77.0	0.0	0.0	0.0	2.9
17	17.5	28.0	21.7	74.0	0.0	0.0	0.0	6.4
18	17.0	27.6	22.0	71.3	0.0	0.0	0.0	6.3
19	18.0	26.0	20.7	80.7	1.8	2.1	3.9	2.7
20	17.6	23.0	19.0	89.3	.4	0.0	.4	.3
21	17.0	28.0	20.4	82.0	15.3	10.3	25.6	4.7
22	17.0	23.5	18.6	92.3	0.0	38.7	38.7	.5
23	16.0	23.0	18.4	91.7	.2	4.7	4.9	.5
24	17.0	22.0	19.0	90.7	4.0	.1	4.1	.5
25	16.7	26.0	20.0	86.7	1.1	0.0	1.1	2.5
26	18.0	25.7	21.2	83.3	0.0	0.0	0.0	2.9
27	17.5	24.5	20.2	84.0	0.0	0.0	0.0	1.6
28	17.5	24.0	19.6	85.7	0.0	0.0	0.0	1.5
29	16.5	27.5	21.2	77.0	0.0	0.0	0.0	5.4
30	17.1	28.0	20.0	81.0	27.7	.4	28.1	4.5
31								
Total :					57.8	108.6	166.4	98.5
Promedio :	17.3	26.3	20.6	81.8				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.5	21.2	79.3	0.0	2.8	2.8	4.3
2	17.5	25.0	20.2	81.3	0.0	.8	.8	2.4
3	17.0	23.0	19.8	84.7	0.0	0.0	0.0	.1
4	17.7	27.0	22.1	73.0	0.0	0.0	0.0	4.9
5	18.0	26.5	21.3	80.7	0.0	0.0	0.0	3.8
6	17.9	26.5	20.6	83.3	0.0	0.0	0.0	4.4
7	17.0	28.0	21.6	76.0	0.0	0.0	0.0	5.5
8	18.0	26.5	22.0	75.3	0.0	0.0	0.0	3.3
9	18.0	28.0	20.9	79.7	10.6	29.3	39.9	6.1
10	16.5	25.5	20.6	83.3	0.0	7.1	7.1	2.6
11	17.0	23.5	19.5	87.7	1.6	1.3	2.9	.8
12	17.0	26.5	20.6	74.3	0.0	1.3	1.3	5.7
13	16.3	24.0	18.8	86.0	5.0	0.0	5.0	3.1
14	16.5	26.0	20.3	78.3	0.0	.9	.9	6.2
15	16.5	26.0	20.8	75.7	0.0	0.0	0.0	4.1
16	17.0	24.5	20.5	79.7	0.0	3.5	3.5	3.8
17	16.0	24.4	19.6	81.7	0.0	2.3	2.3	3.5
18	16.5	25.0	19.5	84.0	1.0	1.6	2.6	3.9
19	16.0	23.5	19.4	83.3	0.0	0.0	0.0	.7
20	17.5	27.5	21.2	77.3	0.0	15.0	15.0	5.9
21	17.0	24.5	19.4	89.3	.4	4.4	4.8	3.2
22	16.0	25.0	19.8	84.3	.7	0.0	.7	5.1
23	17.0	26.0	21.5	78.0	0.0	0.0	0.0	4.8
24	17.8	28.0	22.0	75.7	.5	0.0	.5	7.1
25	18.0	26.5	21.8	81.7	0.0	0.0	0.0	6.6
26	17.2	27.5	21.8	80.0	0.0	0.0	0.0	7.0
27	18.0	27.2	20.7	78.3	5.9	5.5	11.4	5.4
28	17.5	25.5	21.1	82.0	0.0	0.0	0.0	3.2
29	17.0	25.0	20.8	81.3	0.0	0.0	0.0	3.0
30	17.5	27.0	22.0	77.3	0.0	0.0	0.0	6.1
31	17.0	26.0	20.2	80.3	6.2	0.0	6.2	4.2
Total :					31.9	75.8	107.7	130.8
Promedio :	17.1	25.9	20.7	80.4				

Estación : LA SIRENA
Año : 1997

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.0	20.6	83.3	0.0	0.0	0.0	4.3
2	18.0	28.5	21.5	80.7	.1	0.0	.1	8.3
3	17.8	25.0	20.5	86.3	2.4	0.0	2.4	.2
4	17.5	24.8	19.6	88.3	12.0	3.3	15.3	2.1
5	17.0	25.0	21.2	80.7	0.0	0.0	0.0	4.2
6	18.5	25.2	20.5	85.7	3.1	0.0	3.1	1.6
7	18.5	23.5	19.6	92.3	1.2	57.3	58.5	1.4
8	16.5	19.0	17.3	93.0	22.3	.3	22.6	0.0
9	16.0	22.0	18.0	91.3	12.7	4.2	16.9	.1
10	16.5	24.5	18.7	88.3	20.5	11.5	32.0	2.3
11	17.0	25.5	19.6	83.0	.4	.2	.6	1.8
12	16.7	24.5	19.3	89.7	.8	3.1	3.9	6.1
13	16.0	22.5	18.4	92.0	3.1	1.8	4.9	2.0
14	15.3	24.5	18.2	84.7	10.5	.1	10.6	4.3
15	15.5	23.2	18.6	85.7	0.0	0.0	0.0	5.4
16	15.5	25.0	19.9	79.3	0.0	5.5	5.5	6.0
17	17.0	24.0	19.4	85.3	0.0	0.0	0.0	2.2
18	16.5	24.5	20.2	82.3	0.0	0.0	0.0	2.4
19	17.5	24.5	19.5	87.0	.5	0.0	.5	1.8
20	17.0	23.5	19.4	85.7	3.2	0.0	3.2	1.4
21	16.5	26.0	20.2	86.3	0.0	0.0	0.0	5.1
22	16.5	27.0	22.2	78.3	0.0	0.0	0.0	4.7
23	18.0	26.0	20.8	84.7	0.0	.4	.4	3.1
24	18.5	25.0	20.8	84.3	0.0	6.5	6.5	2.1
25	17.0	21.5	17.8	94.0	49.1	5.3	54.4	0.0
26	15.3	23.0	19.0	82.7	0.0	0.0	0.0	.5
27	16.0	26.0	21.1	78.7	0.0	0.0	0.0	7.0
28	17.5	27.5	21.0	81.3	0.0	0.0	0.0	7.4
29	18.0	26.0	20.6	78.3	2.4	6.7	9.1	9.0
30	15.0	26.5	20.1	80.0	.2	0.0	.2	0.0
31								
Total :					144.5	106.2	250.7	96.8
Promedio :	16.9	24.7	19.8	85.1				

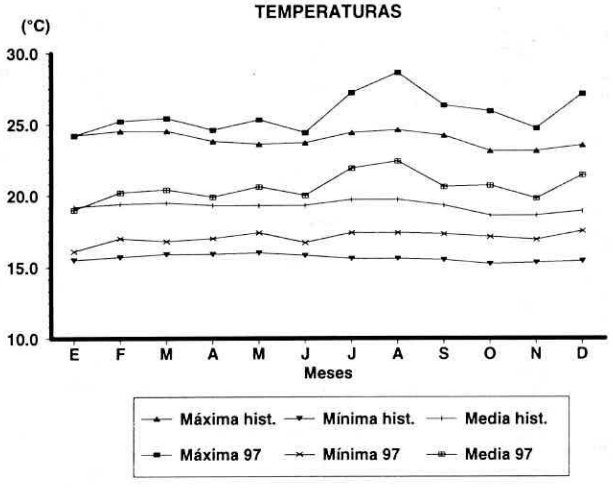
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.5	21.0	79.3	0.0	12.5	12.5	7.8
2	16.5	25.5	20.0	85.0	0.0	1.4	1.4	3.5
3	17.0	26.0	20.0	81.3	0.0	0.0	0.0	5.1
4	17.5	27.0	21.0	82.3	0.0	0.0	0.0	7.1
5	17.0	27.5	21.7	80.3	0.0	0.0	0.0	7.8
6	18.5	28.0	22.2	81.0	0.0	0.0	0.0	5.1
7	18.0	27.0	22.3	79.7	0.0	0.0	0.0	6.0
8	18.5	27.4	21.6	83.0	0.0	0.0	0.0	7.4
9	17.5	27.5	22.5	73.3	0.0	0.0	0.0	6.6
10	18.0	27.8	22.1	79.3	0.0	0.0	0.0	3.6
11	18.5	27.0	21.6	78.7	0.0	0.0	0.0	3.3
12	18.5	26.3	21.0	84.0	0.0	0.0	0.0	2.6
13	18.0	26.5	21.1	79.0	0.0	0.0	0.0	4.6
14	18.0	26.7	20.1	81.0	7.0	4.8	11.8	5.9
15	17.0	24.0	19.9	82.7	0.0	0.0	0.0	.2
16	17.5	26.5	20.8	80.3	1.1	0.0	1.1	5.7
17	17.5	27.0	21.4	81.0	0.0	0.0	0.0	5.4
18	17.5	27.0	20.8	79.0	0.0	0.0	0.0	4.4
19	16.3	27.5	20.7	82.3	0.0	0.0	0.0	4.5
20	17.0	25.0	21.0	80.3	0.0	0.0	0.0	2.5
21	17.5	27.0	21.7	78.7	0.0	0.0	0.0	4.2
22	18.0	28.0	22.2	76.0	0.0	0.0	0.0	6.6
23	17.5	28.2	22.1	79.0	0.0	0.0	0.0	8.2
24	18.0	29.0	22.3	79.3	0.0	0.0	0.0	6.9
25	17.2	27.5	22.0	79.0	0.0	0.0	0.0	4.3
26	17.5	28.2	22.0	78.3	0.0	0.0	0.0	4.9
27	17.0	28.0	21.7	79.0	0.0	0.0	0.0	4.1
28	16.0	27.5	21.7	79.0	0.0	0.0	0.0	4.8
29	17.5	28.5	21.5	76.7	1.4	0.0	1.4	7.9
30	17.0	26.5	21.8	78.0	0.0	0.0	0.0	5.2
31	17.3	28.0	21.4	77.7	16.1	0.0	16.1	5.0
Total :					25.6	18.7	44.3	161.2
Promedio :	17.5	27.1	21.4	79.8				

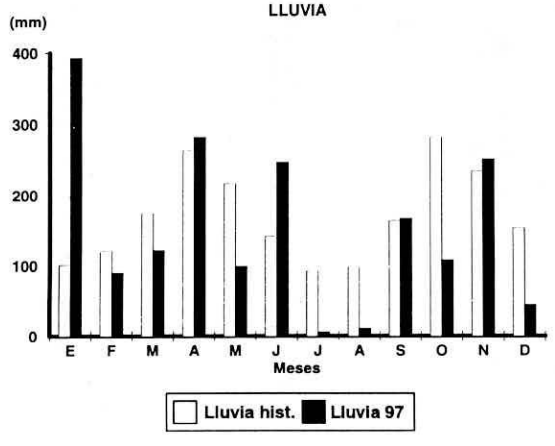
Estación : LA SIRENA
Año : 1997

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 'N
Longitud : 75 ° 55 'W
Altitud : 1540 m

MES	TEMPERATURA °C Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	PRECIPITACION Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.1	24.2	19.0	26.0	14.0	83.9	393.0	25	88.1
Febrero	17.0	25.2	20.2	28.5	15.0	82.2	89.5	14	100.0
Marzo	16.8	25.4	20.4	28.2	14.4	82.1	121.4	15	124.3
Abril	17.0	24.6	19.9	27.6	15.2	84.9	281.9	23	79.0
Mayo	17.4	25.3	20.6	28.0	16.0	83.1	99.4	16	103.8
Junio	16.7	24.4	20.0	27.1	15.0	84.8	246.9	21	111.2
Julio	17.4	27.2	21.9	32.0	16.0	74.3	6.3	5	181.9
Agosto	17.4	28.6	22.4	31.5	16.0	70.5	10.9	1	193.9
Septiembre	17.3	26.3	20.6	29.5	16.0	81.8	166.4	14	98.5
Octubre	17.1	25.9	20.7	28.0	16.0	80.4	107.7	17	130.8
Noviembre	16.9	24.7	19.8	28.5	15.0	85.1	250.7	20	96.8
Diciembre	17.5	27.1	21.4	29.0	16.0	79.8	44.3	6	161.2
Promedio :	17.0	25.7	20.6			81.1			
Absoluta :				32.0	14.0				
Total :							1818.4	177	1469.5





Estación : MANUEL M. MALLARINO
Año : 1997

Dpto. : VALLE
Mpio. : TRUJILLO

Latitud : 4 ° 13 ' N
Longitud : 76 ° 19 ' W
Altitud : 1380 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	25.5	17.8	97.3	5.3	13.1	18.4	.2
2	17.0	23.5	18.5	89.0	5.6	0.0	5.6	1.8
3	17.5	24.5	19.3	85.3	.3	0.0	.3	4.1
4	16.5	26.0	20.2	81.7	2.0	0.0	2.0	3.6
5	15.5	25.5	19.8	82.0	0.0	0.0	0.0	3.8
6	15.0	26.6	20.6	76.7	0.0	0.0	0.0	3.0
7	17.4	25.5	20.0	80.7	1.3	0.0	1.3	2.5
8	16.6	27.1	21.2	76.3	.9	0.0	.9	5.1
9	16.5	25.0	20.2	83.0	.8	6.3	7.1	1.3
10	17.0	20.0	18.6	94.3	7.4	2.5	9.9	0.0
11	16.8	24.8	19.4	81.7	0.0	.5	.5	3.1
12	17.0	26.5	20.5	77.7	1.6	7.9	9.5	5.9
13	16.0	25.0	19.4	85.0	0.0	0.0	0.0	2.6
14	15.5	26.5	20.0	78.7	0.0	3.5	3.5	5.8
15	17.0	23.5	19.0	88.3	0.0	0.0	0.0	1.1
16	15.8	25.5	19.4	84.7	0.0	0.0	0.0	3.5
17	16.4	24.0	18.8	87.7	8.5	0.0	8.5	1.3
18	16.1	24.4	20.1	80.0	6.4	1.5	7.9	2.2
19	17.0	25.8	20.6	79.0	0.0	3.2	3.2	3.3
20	16.5	23.5	19.1	85.7	6.8	0.0	6.8	.1
21	16.3	24.0	19.4	84.3	0.0	.3	.3	1.2
22	16.8	25.5	19.4	84.7	0.0	0.0	0.0	4.0
23	16.0	26.0	19.6	86.0	3.9	31.5	35.4	5.0
24	15.9	25.0	19.1	83.3	0.0	0.0	0.0	6.0
25	16.1	25.5	20.5	79.3	21.3	5.9	27.2	.5
26	16.7	24.0	18.8	89.3	0.0	0.0	0.0	2.1
27	14.1	25.9	19.1	78.3	0.0	0.0	0.0	6.9
28	16.0	26.5	20.6	74.3	0.0	0.0	0.0	6.7
29	17.0	26.8	20.6	74.0	0.0	.2	.2	6.4
30	16.0	27.0	21.0	78.0	0.0	1.4	1.4	4.5
31	16.1	26.0	20.2	81.3	0.0	0.0	0.0	5.2
Total					72.1	77.8	149.9	102.8
Promedio	16.4	25.2	19.7	82.8				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	23.0	18.8	89.7	7.4	0.0	7.4	2.0
2	16.0	27.0	20.8	75.3	0.0	0.0	0.0	8.0
3	15.8	25.5	21.1	78.3	.8	.1	.9	4.8
4	16.5	23.0	19.6	84.7	0.0	0.0	0.0	0.0
5	15.0	24.5	19.2	79.0	15.5	0.0	15.5	4.0
6	16.0	25.6	20.2	77.0	0.0	23.5	23.5	5.6
7	17.0	25.8	20.4	75.7	2.9	0.0	2.9	4.3
8	16.5	23.5	20.4	82.3	0.0	0.0	0.0	.4
9	17.0	24.5	20.5	81.3	0.0	4.3	4.3	.2
10	16.9	25.7	20.2	83.0	0.0	4.0	4.0	2.8
11	17.0	25.0	20.3	81.7	0.0	0.0	0.0	2.6
12	16.8	25.1	20.4	84.0	.4	5.4	5.8	3.1
13	15.8	27.5	20.7	76.3	0.0	0.0	0.0	7.4
14	16.0	27.0	21.6	78.7	0.0	0.0	0.0	4.1
15	18.0	26.0	22.0	74.3	0.0	1.9	1.9	2.1
16	17.5	23.0	19.6	87.0	2.4	1.2	3.6	.2
17	17.0	26.0	20.9	75.7	4.0	0.0	4.0	3.6
18	17.3	27.0	21.6	75.3	0.0	0.0	0.0	6.5
19	17.5	28.0	22.7	72.3	0.0	0.0	0.0	6.6
20	18.5	27.5	21.4	81.0	1.5	0.0	1.5	4.9
21	18.0	28.5	22.3	74.0	0.0	0.0	0.0	3.6
22	17.0	28.5	22.6	77.0	0.0	0.0	0.0	5.9
23	18.0	27.5	21.4	78.7	0.0	0.0	0.0	2.1
24	16.5	28.2	19.8	82.3	0.0	0.0	0.0	4.5
25	16.1	25.5	20.8	79.0	0.0	0.0	0.0	2.0
26	17.0	26.5	21.5	81.7	0.0	0.0	0.0	3.7
27	17.5	28.0	22.9	74.7	0.0	0.0	0.0	6.0
28	18.0	28.7	22.7	78.3	0.0	0.0	0.0	4.1
29								
30								
31								
Total					34.9	40.4	75.3	105.1
Promedio	16.9	26.1	20.9	79.2				

Estación : MANUEL M. MALLARINO
Año : 1997

Dpto. : VALLE
Mpio. : TRUJILLO

Latitud : 4 ° 13 ' N
Longitud : 76 ° 19 ' W
Altitud : 1380 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.0	21.1	84.0	0.0	0.0	0.0	0.0
2	17.8	27.0	21.6	84.7	1.0	2.6	3.6	3.8
3	18.5	26.5	21.4	80.7	.9	.2	1.1	4.4
4	17.5	27.0	21.8	82.3	0.0	17.5	17.5	4.5
5	17.0	21.5	18.8	94.0	4.5	0.0	4.5	0.0
6	14.0	26.5	20.1	78.7	0.0	0.0	0.0	8.3
7	16.0	28.0	21.7	73.3	0.0	0.0	0.0	8.8
8	15.6	28.5	22.2	72.0	0.0	0.0	0.0	9.1
9	17.0	28.0	22.2	78.0	0.0	0.0	0.0	4.0
10	17.0	29.2	23.5	71.3	0.0	0.0	0.0	7.3
11	18.9	28.0	23.0	75.3	0.0	0.0	0.0	4.7
12	18.5	28.0	22.0	80.7	0.0	20.9	20.9	2.6
13	17.0	21.5	18.2	91.3	14.0	0.0	14.0	0.0
14	15.5	26.5	21.0	80.0	0.0	0.0	0.0	4.7
15	17.5	28.5	22.9	73.3	0.0	0.0	0.0	6.3
16	18.5	27.0	21.7	75.7	1.4	13.5	14.9	2.0
17	17.6	20.0	18.7	97.0	8.6	0.0	8.6	0.0
18	16.6	24.0	19.3	88.3	.3	0.0	.3	1.1
19	17.0	23.0	19.3	89.7	22.1	0.0	22.1	.4
20	16.8	25.0	20.2	84.0	0.0	0.0	0.0	3.3
21	16.0	23.5	20.0	80.0	2.4	0.0	2.4	2.1
22	14.5	26.0	20.5	76.0	0.0	0.0	0.0	6.3
23	15.7	26.2	21.0	74.0	0.0	0.0	0.0	4.3
24	14.2	28.5	20.7	75.0	0.0	0.0	0.0	7.0
25	15.0	28.0	21.4	72.7	0.0	0.0	0.0	9.5
26	15.8	27.5	22.1	65.0	0.0	0.0	0.0	7.5
27	16.0	26.4	20.6	76.3	0.0	0.0	0.0	6.5
28	14.0	27.0	21.8	70.0	0.0	0.0	0.0	1.8
29	16.5	26.5	21.2	77.0	0.0	0.0	0.0	4.0
30	16.0	23.1	20.8	80.7	0.0	0.0	0.0	2.6
31	15.5	26.5	19.8	83.0	.6	0.0	.6	2.3
Total					55.8	54.7	110.5	129.2
Promedio :	16.5	26.1	21.0	79.5				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	24.5	19.6	81.7	9.5	0.0	9.5	1.6
2	15.5	27.5	21.0	80.0	0.0	0.0	0.0	5.0
3	16.5	27.0	21.6	79.7	0.0	52.5	52.5	5.5
4	17.3	25.0	19.8	86.3	0.0	0.0	0.0	4.3
5	16.0	26.5	20.8	79.3	0.0	0.0	0.0	5.3
6	16.1	27.5	21.4	79.3	1.8	1.4	3.2	5.9
7	16.5	26.5	21.4	78.3	0.0	0.0	0.0	3.8
8	16.9	26.5	20.4	85.0	28.3	0.0	28.3	3.3
9	17.0	27.5	21.8	79.7	0.0	.5	.5	6.4
10	18.0	24.8	20.8	84.7	4.7	0.0	4.7	1.0
11	18.4	25.5	21.5	82.0	0.0	0.0	0.0	1.7
12	18.0	29.0	22.8	79.7	0.0	0.0	0.0	8.1
13	18.5	26.5	20.9	83.0	1.2	0.0	1.2	2.6
14	16.0	27.0	21.0	78.3	32.2	0.0	32.2	3.8
15	17.0	26.5	21.2	81.3	0.0	0.0	0.0	2.6
16	16.5	28.0	21.8	77.3	0.0	1.2	1.2	6.5
17	18.0	25.0	20.5	86.7	1.4	0.0	1.4	2.1
18	17.5	24.6	20.0	88.0	0.0	0.0	0.0	2.7
19	16.5	25.0	20.6	83.7	2.1	20.3	22.4	2.2
20	16.4	22.5	19.2	89.0	2.1	.9	3.0	.7
21	17.3	24.0	19.7	92.0	.9	49.0	49.9	1.2
22	17.0	22.0	19.4	87.7	.3	.2	.5	1.0
23	17.5	25.5	20.4	81.0	0.0	8.7	8.7	8.0
24	17.0	25.5	20.4	81.3	3.0	0.0	3.0	6.0
25	16.0	22.0	18.7	95.3	12.5	0.0	12.5	1.3
26	15.0	25.0	20.4	80.3	0.0	14.9	14.9	4.5
27	17.0	25.5	20.7	79.7	.8	.3	1.1	7.7
28	18.0	27.5	21.4	77.7	0.0	1.0	1.0	6.4
29	16.5	27.0	21.1	78.7	0.0	0.0	0.0	9.4
30	17.0	27.0	21.2	79.7	0.0	0.0	0.0	3.0
31								
Total					100.8	150.9	251.7	123.6
Promedio :	16.9	25.8	20.7	82.5				

Estación : MANUEL M. MALLARINO
Año : 1997

Dpto. : VALLE
Mpio. : TRUJILLO

Latitud : 4 ° 13 ' N
Longitud : 76 ° 19 ' W
Altitud : 1380 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	26.0	21.0	83.7	0.0	0.0	0.0	3.4
2	17.0	28.0	21.0	82.7	0.0	0.0	0.0	3.6
3	17.0	27.0	21.6	82.3	0.0	0.0	0.0	3.6
4	18.5	26.5	20.8	81.3	0.0	0.0	0.0	1.3
5	15.5	27.0	22.0	76.7	0.0	0.0	0.0	8.1
6	18.0	26.5	21.0	83.3	0.0	0.0	0.0	1.2
7	15.0	27.0	20.7	82.7	3.6	0.0	3.6	4.5
8	15.0	27.5	22.4	71.3	0.0	0.0	0.0	7.7
9	17.0	26.5	20.8	80.7	18.1	2.6	20.7	2.7
10	17.5	26.0	21.2	82.3	0.0	11.3	11.3	1.2
11	16.5	24.4	19.1	85.3	1.8	0.0	1.8	3.1
12	16.0	26.0	20.6	82.0	0.0	.1	.1	4.7
13	17.5	25.3	20.5	85.0	5.7	0.0	5.7	1.8
14	15.0	25.5	19.7	86.3	6.4	9.8	16.2	3.3
15	17.0	24.6	19.8	87.3	0.0	0.0	0.0	2.3
16	16.0	26.5	20.8	77.3	0.0	0.0	0.0	5.0
17	17.5	26.6	22.0	77.0	0.0	0.0	0.0	6.6
18	16.0	27.5	21.5	83.3	0.0	0.0	0.0	4.6
19	16.5	27.0	21.4	81.7	0.0	0.0	0.0	1.8
20	18.0	28.0	22.2	83.0	0.0	0.0	0.0	3.8
21	17.5	27.6	21.5	79.3	6.6	16.1	22.7	5.1
22	17.0	25.5	20.0	85.0	0.0	0.0	0.0	4.1
23	16.5	27.0	21.2	82.7	0.0	0.0	0.0	7.7
24	17.5	27.5	22.0	83.0	0.0	.4	.4	2.0
25	17.3	23.0	20.2	89.0	0.0	0.0	0.0	0.0
26	16.5	22.8	18.8	86.3	30.1	10.7	40.8	.2
27	17.0	25.0	20.8	78.7	0.0	4.9	4.9	2.2
28	18.0	24.0	20.8	83.0	0.0	.1	.1	1.3
29	17.5	26.5	21.2	72.3	0.0	0.0	0.0	4.8
30	17.0	24.0	20.4	88.0	.1	.2	.3	.5
31	16.0	25.5	20.3	82.7	0.0	0.0	0.0	2.2
Total					72.4	56.2	128.6	104.4
Promedio	16.8	26.1	20.9	82.1				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.0	20.8	79.0	0.0	0.0	0.0	1.9
2	17.5	26.1	20.8	81.3	0.0	0.0	0.0	4.2
3	17.0	28.0	21.3	77.0	0.0	31.0	31.0	6.1
4	16.8	20.0	18.2	92.7	5.0	0.0	5.0	0.0
5	16.0	25.0	20.0	79.0	0.0	11.1	11.1	5.7
6	16.8	23.0	19.8	85.3	9.2	21.0	30.2	1.1
7	17.0	22.5	19.5	83.0	4.5	7.2	11.7	.5
8	16.0	23.9	19.2	82.0	0.0	0.0	0.0	.9
9	16.0	26.0	19.6	76.0	3.6	.3	3.9	7.9
10	15.0	26.3	21.0	76.0	1.1	1.1	2.2	4.1
11	17.5	26.5	21.6	74.0	0.0	.2	.2	3.0
12	17.0	25.8	20.3	78.0	0.0	.2	.2	3.2
13	16.5	24.5	20.1	80.7	.6	.8	1.4	2.0
14	16.0	26.6	21.2	72.0	0.0	0.0	0.0	8.9
15	16.0	27.1	21.8	70.3	0.0	0.0	0.0	2.1
16	17.3	26.0	21.3	77.0	0.0	0.0	0.0	1.3
17	18.0	26.5	21.1	75.3	0.0	0.0	0.0	3.2
18	18.3	25.5	20.5	77.7	.4	24.9	25.3	1.5
19	16.2	24.0	20.2	81.7	0.0	.5	.5	6.2
20	17.0	27.0	21.5	74.7	0.0	0.0	0.0	6.9
21	16.8	27.3	21.6	70.0	0.0	0.0	0.0	6.0
22	15.5	27.4	22.0	71.0	0.0	0.0	0.0	9.1
23	16.8	28.5	21.8	76.7	0.0	0.0	0.0	6.4
24	18.0	24.5	20.4	89.3	.4	.8	1.2	1.0
25	16.5	25.0	20.1	82.3	1.8	1.2	3.0	.8
26	17.4	24.5	19.6	84.3	4.4	0.0	4.4	1.0
27	16.0	26.2	21.2	73.3	0.0	0.0	0.0	4.4
28	16.6	28.6	22.7	66.7	0.0	0.0	0.0	8.9
29	17.0	28.8	22.4	67.3	0.0	1.3	1.3	7.8
30	17.5	27.2	21.0	73.3	0.0	0.0	0.0	6.5
31								
Total					31.0	101.6	132.6	122.6
Promedio	16.8	25.8	20.7	77.6				

Estación : MANUEL M. MALLARINO Dpto. : VALLE Latitud : 4 ° 13 ' N
Año : 1997 Mpio. : TRUJILLO Longitud : 76 ° 19 ' W
Altitud : 1380 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	25.0	20.3	78.0	.1	0.0	.1	2.9
2	15.0	28.0	21.3	70.3	0.0	0.0	0.0	9.9
3	16.5	27.5	21.9	68.3	0.0	1.9	1.9	8.9
4	16.0	28.0	21.2	69.7	0.0	0.0	0.0	9.8
5	16.5	26.5	21.3	77.7	0.0	0.0	0.0	5.5
6	16.0	27.5	21.4	78.3	.1	0.0	.1	5.2
7	17.0	28.0	22.1	71.7	0.0	0.0	0.0	8.3
8	16.8	26.0	21.8	75.7	0.0	0.0	0.0	2.5
9	17.5	26.5	20.8	73.3	0.0	0.0	0.0	3.3
10	15.5	27.0	21.6	68.3	0.0	0.0	0.0	6.3
11	16.0	26.5	21.1	75.7	0.0	0.0	0.0	8.0
12	17.5	27.0	22.0	75.3	0.0	0.0	0.0	7.5
13	15.2	30.0	22.1	63.3	0.0	0.0	0.0	10.2
14	16.0	27.0	21.8	75.3	0.0	0.0	0.0	4.6
15	16.0	26.5	21.8	72.3	0.0	0.0	0.0	5.4
16	16.0	27.5	22.2	66.7	0.0	0.0	0.0	6.7
17	17.2	28.0	22.3	72.0	0.0	0.0	0.0	7.3
18	17.5	30.0	23.4	60.3	0.0	0.0	0.0	10.9
19	16.0	29.8	23.1	64.3	0.0	0.0	0.0	9.5
20	16.5	30.0	21.6	66.3	0.0	0.0	0.0	9.2
21	15.0	27.5	22.0	62.7	0.0	0.0	0.0	6.5
22	15.0	26.5	21.5	72.0	0.0	0.0	0.0	3.8
23	14.7	31.0	23.9	61.7	0.0	0.0	0.0	10.0
24	15.0	31.5	24.5	60.3	0.0	0.0	0.0	9.5
25	17.2	27.5	22.2	77.0	0.0	0.0	0.0	.7
26	16.5	29.0	23.2	70.0	0.0	0.0	0.0	6.9
27	17.0	26.8	21.0	73.0	0.0	0.0	0.0	.1
28	15.5	27.0	21.5	66.0	0.0	0.0	0.0	2.7
29	16.5	28.0	21.7	72.7	0.0	0.0	0.0	5.1
30	17.5	28.5	22.1	73.3	0.0	0.0	0.0	5.6
31	16.0	28.4	22.4	68.3	0.0	0.0	0.0	6.2
Total :					.2	1.9	2.1	199.0
Promedio :	16.2	27.9	22.0	70.3				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.0	22.8	64.0	0.0	0.0	0.0	9.7
2	17.1	28.0	21.6	73.7	0.0	0.0	0.0	1.7
3	15.4	29.0	22.0	64.3	0.0	0.0	0.0	6.6
4	15.2	30.6	22.5	67.0	0.0	0.0	0.0	7.4
5	15.0	31.7	23.6	59.0	0.0	0.0	0.0	9.6
6	17.5	31.0	23.3	60.0	0.0	0.0	0.0	7.1
7	17.7	30.4	22.8	65.7	0.0	0.0	0.0	5.0
8	16.0	29.0	22.4	64.7	0.0	0.0	0.0	5.0
9	15.7	27.0	21.0	64.3	0.0	0.0	0.0	1.3
10	15.8	29.3	21.4	66.0	0.0	0.0	0.0	7.2
11	15.0	28.9	22.6	63.3	0.0	0.0	0.0	6.0
12	16.6	29.0	23.1	64.0	0.0	0.0	0.0	5.4
13	17.4	27.5	20.9	71.0	0.0	0.0	0.0	1.7
14	16.0	28.0	21.2	71.7	0.0	0.0	0.0	6.4
15	15.5	30.9	22.2	67.7	0.0	0.0	0.0	8.4
16	16.2	29.1	22.7	64.0	0.0	0.0	0.0	5.9
17	15.9	28.0	21.7	68.0	0.0	0.0	0.0	3.3
18	15.0	29.8	22.5	66.7	0.0	0.0	0.0	7.9
19	15.8	25.5	21.4	72.0	0.0	0.0	0.0	3.1
20	16.0	29.8	22.5	63.3	0.0	0.0	0.0	8.9
21	14.0	31.0	22.1	60.0	0.0	0.0	0.0	9.4
22	15.0	29.2	21.6	69.3	0.0	0.0	0.0	7.4
23	15.2	29.0	22.5	68.3	0.0	0.0	0.0	5.6
24	15.5	30.0	22.6	67.3	0.0	0.0	0.0	7.1
25	15.0	31.0	23.4	63.3	0.0	0.0	0.0	8.1
26	17.5	30.0	23.5	67.7	0.0	10.4	10.4	.8
27	16.2	29.0	21.9	68.7	0.0	0.0	0.0	4.5
28	14.6	29.7	21.7	57.0	0.0	0.0	0.0	8.6
29	14.0	29.6	20.6	63.3	0.0	0.0	0.0	7.6
30	13.8	30.0	22.2	62.3	0.0	0.0	0.0	7.1
31	15.0	30.2	22.0	62.3	0.0	0.0	0.0	6.4
Total :					0.0	10.4	10.4	190.2
Promedio :	15.7	29.4	22.2	65.5				

Estación : MANUEL M. MALLARINO
Año : 1997

Dpto. : VALLE
Mpio. : TRUJILLO

Latitud : 4 ° 13 ' N
Longitud : 76 ° 19 ' W
Altitud : 1380 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.8	20.8	73.7	2.3	0.0	2.3	4.0
2	15.0	27.5	20.7	76.7	.4	.1	.5	2.5
3	16.0	25.5	19 5	76.3	0.0	0.0	0.0	1.3
4	15.5	29.5	21.2	65.3	0.0	0.0	0.0	8.8
5	16.0	30.5	21.3	68.7	0.0	3.4	3.4	5.6
6	15.8	25.7	20.8	75.0	0.0	3.9	3.9	3.2
7	17.0	26.0	19.8	78.0	3.1	22.6	25.7	2.3
8	15.7	26.0	20.6	81.3	1.0	13.3	14.3	1.8
9	16.2	27.1	21.1	83.3	0.0	0.0	0.0	4.5
10	16.0	28.2	21.8	71.3	0.0	0.0	0.0	4.9
11	15.9	29.5	22.4	69.7	0.0	0.0	0.0	4.8
12	16.0	28.0	22.2	69.3	0.0	0.0	0.0	4.2
13	16.2	28.5	22.6	66.3	0.0	0.0	0.0	6.7
14	16.0	28.0	22.4	66.0	0.0	0.0	0.0	2.5
15	15.5	30.0	22.2	65.0	0.0	0.0	0.0	7.5
16	16.3	28.5	25.2	70.0	0.0	0.0	0.0	1.8
17	16.0	29.5	22.0	70.7	0.0	0.0	0.0	4.0
18	15.5	30.0	21.8	65.3	0.0	0.0	0.0	6.5
19	16.5	27.5	21.8	70.7	0.0	0.0	0.0	1.4
20	16.0	24.0	18.3	88.3	12.0	0.0	12.0	.6
21	16.5	27.2	21.3	69.7	.3	47.8	48.1	4.5
22	16.0	25.0	20.4	79.7	1.4	5.1	6.5	1.8
23	16.5	23.0	19.4	80.0	0.0	16.4	16.4	.8
24	17.0	25.0	20.4	77.7	0.0	5.2	5.2	3.7
25	16.5	26.5	20.1	73.7	0.0	0.0	0.0	6.6
26	16.8	27.0	21.8	70.3	0.0	0.0	0.0	5.3
27	16.5	26.0	21.2	68.7	0.0	.2	.2	4.0
28	16.0	26.5	20.5	76.7	0.0	0.0	0.0	.3
29	14.2	28.5	22.1	63.3	0.0	0.0	0.0	9.2
30	16.0	29.0	22.4	60.3	0.0	0.0	0.0	7.6
31								
Total					20.5	118.0	138.5	122.7
Promedio :	16.1	27.4	21.3	72.4				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	28.4	21.5	72.0	0.0	4.8	4.8	4.8
2	17.0	25.5	21.2	76.0	1.4	0.0	1.4	1.3
3	16.8	23.8	20.4	83.0	0.0	0.0	0.0	.2
4	16.0	28.4	22.1	66.0	0.0	2.8	2.8	4.6
5	18.0	26.8	20.8	75.3	0.0	0.0	0.0	1.9
6	15.8	26.5	20.8	79.0	0.0	0.0	0.0	4.5
7	14.5	29.5	22.8	66.0	0.0	0.0	0.0	8.3
8	16.0	28.0	22.1	69.0	0.0	0.0	0.0	3.2
9	14.5	29.0	22.0	69.0	0.0	2.3	2.3	7.5
10	16.8	27.0	21.2	73.3	0.0	2.5	2.5	4.8
11	17.0	27.0	21.3	71.0	0.0	1.9	1.9	2.8
12	16.6	27.8	21.8	64.3	0.0	6.3	6.3	8.2
13	16.5	28.0	19.9	72.3	19.3	1.6	20.9	4.5
14	15.0	28.2	22.1	64.7	0.0	0.0	0.0	7.0
15	14.0	26.5	21.4	66.7	0.0	0.0	0.0	4.3
16	16.0	27.0	20.7	69.7	0.0	.2	.2	4.9
17	16.0	26.5	20.4	73.7	0.0	2.0	2.0	2.3
18	16.5	26.0	20.2	76.0	5.5	4.7	10.2	3.1
19	16.0	25.5	19.8	78.7	0.0	0.0	0.0	1.7
20	15.0	28.0	21.3	75.7	.1	34.8	34.9	5.3
21	17.0	25.0	20.4	80.7	26.5	0.0	26.5	5.6
22	15.5	26.0	20.8	70.7	0.0	0.0	0.0	5.7
23	14.5	27.5	21.1	71.0	0.0	0.0	0.0	8.8
24	16.0	28.0	22.7	70.7	0.0	0.0	0.0	7.6
25	16.0	27.0	21.1	78.0	0.0	0.0	0.0	2.7
26	16.5	28.5	22.3	70.0	0.0	0.0	0.0	7.3
27	15.5	28.0	22.0	72.7	1.4	1.5	2.9	5.5
28	17.5	26.5	21.0	79.7	0.0	0.0	0.0	1.6
29	17.0	28.0	21.2	74.0	0.0	.3	.3	7.1
30	16.0	29.0	22.0	69.7	0.0	10.0	10.0	6.7
31	17.0	25.5	20.7	81.0	5.8	0.0	5.8	1.8
Total					60.0	75.7	135.7	145.6
Promedio :	16.1	27.2	21.3	72.9				

Estación : MANUEL M. MALLARINO
Año : 1997

Dpto. : VALLE
Mpio. : TRUJILLO

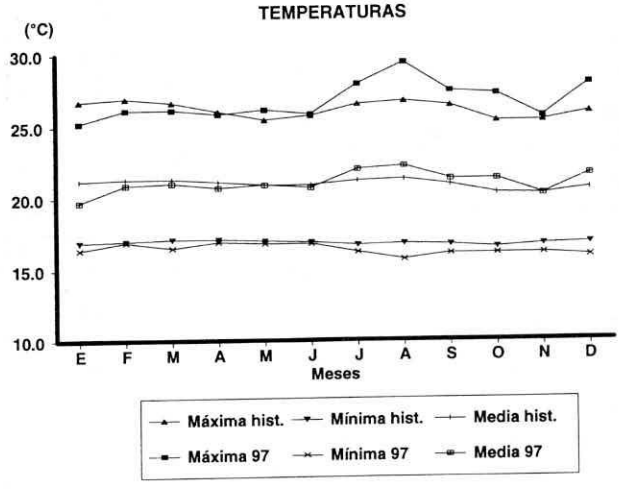
Latitud : 4 ° 13 ' N
Longitud : 76 ° 19 ' W
Altitud : 1380 m

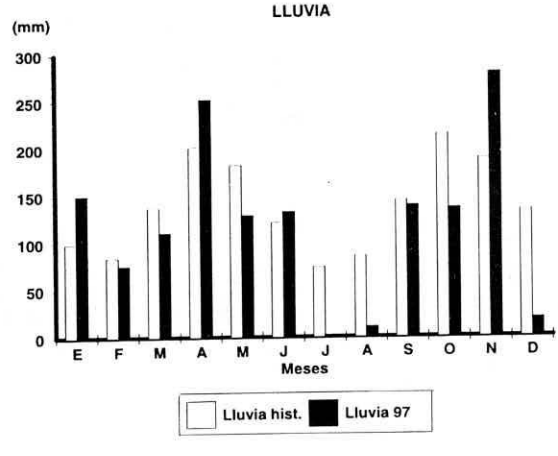
Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.5	22.5	72.0	0.0	0.0	0.0	4.8
2	16.0	29.5	22.6	69.7	1.8	3.6	5.4	6.1
3	17.0	27.2	20.8	77.3	20.5	28.3	48.8	2.9
4	17.0	25.5	20.9	81.3	3.1	3.0	6.1	.6
5	15.5	26.2	20.8	78.7	0.0	0.0	0.0	4.2
6	17.5	26.8	21.5	74.0	0.0	2.1	2.1	2.7
7	17.0	23.5	20.4	82.3	0.0	37.2	37.2	.1
8	16.5	22.0	18.0	90.0	16.0	8.4	24.4	.4
9	16.0	21.5	18.0	93.0	11.1	0.0	11.1	.9
10	15.5	24.5	19.8	82.3	1.4	3.5	4.9	2.8
11	17.0	27.0	20.8	78.7	0.0	3.3	3.3	5.7
12	16.5	26.0	20.0	83.3	11.0	3.7	14.7	2.4
13	16.0	24.7	18.6	82.3	7.3	.2	7.5	1.5
14	16.5	25.5	19.0	80.3	18.3	5.3	23.6	2.4
15	15.0	24.0	19.0	78.7	.4	0.0	.4	3.8
16	15.2	25.0	19.6	77.3	0.0	1.9	1.9	4.3
17	16.5	26.4	20.4	79.0	0.0	0.0	0.0	3.8
18	16.0	26.0	20.5	74.3	0.0	0.0	0.0	5.4
19	15.0	26.5	20.2	77.3	0.0	.3	.3	3.7
20	16.5	26.0	20.0	77.7	22.6	1.6	24.2	3.6
21	14.5	26.5	20.8	77.7	0.0	0.0	0.0	3.7
22	16.0	27.5	22.2	72.3	0.0	0.0	0.0	4.9
23	17.5	27.5	21.2	79.3	1.5	2.5	4.0	6.5
24	17.0	27.0	20.6	79.7	26.3	3.0	29.3	2.7
25	16.8	22.5	18.5	92.7	11.0	.1	11.1	.2
26	16.0	22.0	19.2	84.0	.9	0.0	.9	0.0
27	15.2	25.5	19.9	80.7	0.0	0.0	0.0	6.9
28	14.5	28.0	21.2	74.7	0.0	5.0	5.0	9.1
29	15.9	26.5	19.4	81.3	10.9	2.1	13.0	3.5
30	14.0	25.0	20.1	74.3	0.0	0.0	0.0	5.5
31								
Total :					164.1	115.1	279.2	105.1
Promedio :	16.1	25.6	20.2	79.5				

Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	27.5	21.8	72.3	0.0	3.0	3.0	5.9
2	16.2	26.5	21.3	75.3	0.0	.8	.8	3.4
3	16.0	27.0	20.8	76.0	0.0	0.0	0.0	9.2
4	14.9	27.5	21.1	77.0	0.0	0.0	0.0	7.5
5	15.2	28.5	21.6	74.7	0.0	0.0	0.0	8.0
6	15.5	27.2	22.1	74.7	0.0	0.0	0.0	8.7
7	16.0	28.5	21.0	74.0	0.0	0.0	0.0	7.1
8	16.0	28.5	22.4	67.3	0.0	0.0	0.0	6.6
9	15.9	28.0	22.2	70.7	0.0	0.0	0.0	9.4
10	15.7	28.4	22.5	72.7	0.0	.6	.6	6.4
11	16.3	27.8	21.5	69.3	0.0	0.0	0.0	6.6
12	16.5	27.5	21.9	70.0	0.0	0.0	0.0	7.9
13	15.8	28.5	21.2	73.0	0.0	0.0	0.0	8.2
14	15.7	27.5	20.5	73.7	.7	.1	.8	6.9
15	16.4	24.8	20.8	77.3	0.0	0.0	0.0	.3
16	16.8	27.0	22.0	70.7	0.0	13.8	13.8	4.2
17	16.9	28.5	20.3	79.0	0.0	0.0	0.0	5.9
18	16.2	26.5	20.5	72.0	0.0	0.0	0.0	5.4
19	15.8	28.0	22.2	70.7	0.0	0.0	0.0	6.9
20	17.0	26.5	21.7	76.3	0.0	0.0	0.0	4.0
21	16.0	27.5	21.3	79.0	0.0	0.0	0.0	5.0
22	16.1	29.4	21.6	76.0	0.0	0.0	0.0	7.6
23	15.0	29.0	21.6	73.3	0.0	0.0	0.0	7.5
24	15.8	28.8	22.2	73.3	0.0	0.0	0.0	8.1
25	16.0	28.8	22.1	71.0	0.0	0.0	0.0	6.0
26	15.9	29.0	22.8	66.0	0.0	0.0	0.0	7.0
27	16.0	27.6	21.0	71.7	0.0	0.0	0.0	4.5
28	15.3	29.4	22.5	74.0	0.0	0.0	0.0	8.1
29	16.2	29.0	22.0	71.0	0.0	0.0	0.0	6.8
30	15.7	28.5	21.8	69.7	0.0	0.0	0.0	5.5
31	16.0	28.0	21.8	71.7	0.0	0.0	0.0	5.7
Total :					.7	18.3	19.0	200.3
Promedio :	15.9	27.9	21.6	73.0				

Estación : MANUEL M. MALLARINO **Dpto. :** VALLE **Latitud :** 4 ° 13 'N
Año : 1997 **Mpio. :** TRUJILLO **Longitud :** 76 ° 19 'W
Altitud : 1380 m

MES	TEMPERATURA °C						PRECIPITACION		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.4	25.2	19.7	27.1	14.1	82.8	149.9	20	102.8
Febrero	16.9	26.1	20.9	28.7	15.0	79.2	75.3	12	105.1
Marzo	16.5	26.1	21.0	29.2	14.0	79.5	110.5	12	129.2
Abril	16.9	25.8	20.7	29.0	15.0	82.5	251.7	20	123.6
Mayo	16.8	26.1	20.9	28.0	15.0	82.1	128.6	13	104.4
Junio	16.8	25.8	20.7	28.8	15.0	77.6	132.6	16	122.6
Julio	16.2	27.9	22.0	31.5	14.7	70.3	2.1	3	199.0
Agosto	15.7	29.4	22.2	31.7	13.8	65.5	10.4	1	190.2
Septiembre	16.1	27.4	21.3	30.5	14.2	72.4	138.5	12	122.7
Octubre	16.1	27.2	21.3	29.5	14.0	72.9	135.7	17	145.6
Noviembre	16.1	25.6	20.2	29.5	14.0	79.5	279.2	22	105.1
Diciembre	15.9	27.9	21.6	29.4	14.9	73.0	19.0	5	200.3
Promedio :	16.4	26.7	21.0			76.4			
Absoluta :				31.7	13.8				
Total :							1433.5	153	1650.6





Estación : JULIO FERNANDEZ
Año : 1997

Dpto. : VALLE
Mpio. : RESTREPO

Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

Enero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	19.5	18.0	91.0	11.2	0.0	11.2	4.2
2	16.6	23.5	18.7	80.7	0.0	0.0	0.0	4.9
3	16.8	25.5	19.4	79.0	0.0	.4	.4	6.3
4	17.0	25.0	20.0	79.7	0.0	.1	.1	5.9
5	17.9	25.9	20.4	79.7	0.0	0.0	0.0	4.4
6	17.2	24.5	19.6	79.7	0.0	.5	.5	2.9
7	16.2	24.0	19.0	78.3	0.0	0.0	0.0	4.6
8	17.0	25.0	19.6	82.7	0.0	0.0	0.0	7.1
9	17.8	25.1	20.1	80.0	0.0	9.9	9.9	5.4
10	17.3	21.0	18.5	87.3	10.6	.1	10.7	0.0
11	16.8	23.9	19.5	83.0	0.0	0.0	0.0	3.0
12	16.9	24.3	19.6	83.3	0.0	10.8	10.8	5.9
13	16.8	23.1	19.2	84.7	1.7	0.0	1.7	.9
14	17.5	25.7	20.2	80.3	0.0	0.0	0.0	7.2
15	16.5	23.1	18.4	90.0	1.6	0.0	1.6	.8
16	16.0	23.9	19.0	82.0	0.0	0.0	0.0	4.9
17	17.0	24.0	19.6	72.0	.4	0.0	.4	1.1
18	16.8	25.5	19.4	83.0	0.0	0.0	0.0	3.7
19	16.5	25.8	20.1	76.0	.7	.1	.8	3.7
20	17.1	24.0	18.3	92.3	20.7	.7	21.4	.5
21	17.0	23.5	18.8	89.7	1.6	0.0	1.6	1.8
22	17.1	25.2	19.6	80.7	2.3	0.0	2.3	2.8
23	16.0	25.2	19.6	79.3	0.0	3.5	3.5	6.9
24	16.8	25.0	19.6	79.3	4.1	0.0	4.1	5.1
25	17.2	25.1	20.0	77.3	0.0	11.8	11.8	7.6
26	17.5	24.0	19.1	84.7	21.5	20.3	41.8	2.2
27	15.6	24.0	19.4	79.0	0.0	0.0	0.0	6.4
28	17.0	25.0	20.0	78.7	0.0	0.0	0.0	9.0
29	16.0	25.1	19.5	80.3	0.0	0.0	0.0	6.6
30	16.2	25.2	19.6	76.3	0.0	.9	.9	4.8
31	15.2	25.0	19.8	77.3	0.0	.5	.5	5.9
Total :					76.4	59.6	136.0	136.5
Promedio :	16.8	24.3	19.4	81.5				

Febrero	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	23.5	19.2	79.7	1.8	0.0	1.8	1.3
2	14.2	26.0	19.6	77.7	0.0	0.0	0.0	7.2
3	15.2	25.6	20.0	80.3	0.0	2.7	2.7	4.7
4	17.1	21.0	18.4	88.0	0.0	0.0	0.0	0.0
5	17.0	23.5	18.8	83.0	0.0	0.0	0.0	4.8
6	15.0	25.5	19.2	78.0	0.0	0.0	0.0	6.1
7	16.9	25.1	19.8	76.7	0.0	0.0	0.0	8.0
8	16.2	26.8	20.1	78.7	0.0	0.0	0.0	4.3
9	16.0	25.6	19.6	79.0	0.0	4.5	4.5	2.3
10	17.5	25.0	19.6	78.0	0.0	5.7	5.7	1.5
11	16.5	24.5	19.9	77.7	0.0	0.0	0.0	5.4
12	16.0	25.0	19.4	80.0	2.4	0.0	2.4	4.7
13	16.5	26.3	20.4	80.7	0.0	0.0	0.0	8.5
14	17.0	26.5	21.0	79.7	0.0	0.0	0.0	5.2
15	18.0	26.0	20.4	85.0	0.0	1.9	1.9	2.4
16	17.6	23.5	19.3	79.0	.4	0.0	.4	.9
17	16.0	26.0	20.2	79.3	0.0	0.0	0.0	7.2
18	17.5	26.2	20.2	81.0	.3	0.0	.3	4.2
19	18.2	26.6	21.2	78.0	0.0	.1	.1	7.7
20	18.0	26.0	21.2	76.3	0.0	0.0	0.0	6.4
21	18.8	27.2	21.0	79.7	0.0	0.0	0.0	6.6
22	19.0	27.0	21.8	79.0	0.0	0.0	0.0	6.2
23	18.5	27.1	21.2	78.7	27.2	0.0	27.2	4.0
24	18.9	25.5	21.3	79.7	0.0	0.0	0.0	4.6
25	16.5	25.0	20.4	79.0	0.0	0.0	0.0	2.8
26	17.5	26.2	20.4	84.3	0.0	0.0	0.0	2.7
27	17.3	26.5	21.2	79.3	0.0	0.0	0.0	5.7
28	17.5	27.2	22.0	74.0	0.0	0.0	0.0	6.1
29								
30								
31								
Total :					32.1	14.9	47.0	131.5
Promedio :	17.0	25.6	20.2	79.6				

Estación : JULIO FERNANDEZ
Año : 1997

Dpto. : VALLE
Mpio. : RESTREPO

Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

Marzo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.9	24.5	21.0	77.0	0.0	0.0	0.0	0.0
2	17.0	26.5	21.2	77.7	0.0	0.0	0.0	3.5
3	19.0	26.5	21.4	78.0	1.6	1.4	3.0	2.9
4	18.4	28.0	21.8	77.0	0.0	28.8	28.8	6.9
5	17.5	24.5	19.0	82.3	7.2	0.0	7.2	1.7
6	12.2	27.5	19.8	77.3	0.0	0.0	0.0	5.2
7	16.0	27.9	21.6	75.0	0.0	0.0	0.0	7.3
8	16.3	27.5	20.9	77.3	0.0	0.0	0.0	2.4
9	19.5	27.0	21.6	77.0	0.0	0.0	0.0	1.7
10	19.7	27.0	21.8	79.0	0.0	.1	.1	8.1
11	18.6	26.5	21.1	79.0	0.0	0.0	0.0	5.4
12	17.0	26.5	21.0	82.0	0.0	21.3	21.3	4.6
13	16.0	24.5	18.9	80.7	2.7	0.0	2.7	.3
14	13.9	28.4	20.7	79.0	0.0	0.0	0.0	4.4
15	16.5	27.0	21.0	75.3	0.0	0.0	0.0	7.8
16	18.0	25.0	19.8	83.7	0.0	.6	.6	3.9
17	18.0	20.8	18.7	83.0	15.7	.5	16.2	0.0
18	16.5	24.2	20.0	81.3	3.1	16.8	19.9	2.0
19	17.0	22.0	18.8	85.0	1.4	0.0	1.4	.3
20	16.0	26.5	20.8	75.3	0.0	0.0	0.0	5.4
21	15.5	25.5	19.7	80.3	0.0	0.0	0.0	3.6
22	14.0	26.0	20.5	77.7	0.0	.3	.3	7.6
23	17.1	25.5	20.4	77.3	0.0	0.0	0.0	10.3
24	15.5	26.0	20.0	78.7	0.0	0.0	0.0	7.6
25	13.0	26.2	19.5	79.3	0.0	0.0	0.0	7.8
26	14.0	26.5	20.0	75.0	0.0	0.0	0.0	7.5
27	14.5	26.0	19.5	77.0	0.0	0.0	0.0	6.9
28	15.5	26.2	20.2	76.3	0.0	0.0	0.0	8.7
29	16.5	27.8	21.0	76.7	0.0	0.0	0.0	5.5
30	18.0	25.3	20.3	80.7	0.0	0.0	0.0	3.4
31	17.5	26.1	20.9	76.0	0.0	0.0	0.0	3.5
Total					31.7	69.8	101.5	146.2
Promedio	16.6	26.0	20.4	78.6				

Abril	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	25.2	20.1	81.3	0.0	0.0	0.0	3.6
2	17.0	27.6	21.4	70.0	.5	0.0	.5	5.2
3	18.0	26.0	21.0	79.3	0.0	12.6	12.6	7.9
4	17.4	25.5	20.4	80.7	0.0	0.0	0.0	6.2
5	16.2	26.0	20.0	82.3	0.0	0.0	0.0	8.2
6	16.5	26.2	20.6	79.3	0.0	13.7	13.7	9.4
7	18.2	25.1	20.7	82.7	0.0	0.0	0.0	5.5
8	18.0	25.0	20.0	86.7	0.0	0.0	0.0	5.8
9	17.8	26.0	20.8	79.3	0.0	0.0	0.0	7.5
10	18.2	24.8	20.0	91.3	0.0	0.0	0.0	1.9
11	18.0	25.5	20.8	80.7	0.0	.2	.2	4.5
12	17.5	27.0	21.2	78.0	0.0	3.6	3.6	6.9
13	18.9	26.0	20.8	81.0	0.0	0.0	0.0	3.6
14	17.0	26.2	20.6	81.3	0.0	3.1	3.1	4.0
15	17.6	26.0	20.4	81.3	0.0	0.0	0.0	2.3
16	16.0	27.5	20.7	80.7	0.0	0.0	0.0	5.3
17	17.1	24.9	20.0	83.7	19.5	.5	20.0	3.3
18	17.2	24.0	18.6	92.0	3.8	0.0	3.8	1.4
19	16.5	25.2	20.2	79.3	4.1	3.7	7.8	2.3
20	16.8	25.3	19.6	80.7	.3	0.0	.3	2.7
21	16.5	23.5	18.8	86.0	.2	9.3	9.5	2.3
22	16.2	25.2	19.8	78.7	7.9	6.7	14.6	2.5
23	16.0	27.6	20.8	78.3	0.0	6.7	6.7	5.3
24	16.5	27.0	20.4	81.3	1.0	1.8	2.8	5.4
25	17.5	24.0	19.4	89.3	9.3	0.0	9.3	1.3
26	15.5	25.8	19.7	79.7	0.0	0.0	0.0	2.3
27	17.5	25.0	20.0	83.7	3.7	.5	4.2	4.1
28	17.1	25.5	20.4	79.3	0.0	0.0	0.0	5.6
29	16.5	28.0	21.5	76.7	0.0	0.0	0.0	6.3
30	18.5	26.5	21.4	78.0	0.0	0.0	0.0	5.2
31								
Total					50.3	62.4	112.7	137.8
Promedio	17.1	25.8	20.3	81.4				

Estación : JULIO FERNANDEZ
Año : 1997

Dpto. : VALLE
Mpio. : RESTREPO

Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

Mayo	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.6	20.2	83.3	0.0	0.0	0.0	2.1
2	17.0	26.0	20.8	80.3	0.0	0.0	0.0	5.5
3	17.6	25.4	21.5	79.7	0.0	0.0	0.0	3.9
4	18.2	26.0	20.2	86.0	0.0	0.0	0.0	4.5
5	14.0	28.4	20.6	79.0	13.7	0.0	13.7	7.0
6	17.5	26.0	20.9	78.7	0.0	0.0	0.0	1.3
7	15.5	27.4	20.8	82.3	7.7	.5	8.2	5.1
8	14.5	28.5	20.7	79.0	0.0	0.0	0.0	7.5
9	17.5	26.0	20.8	81.3	0.0	0.0	0.0	3.0
10	18.5	25.5	20.7	79.7	0.0	5.7	5.7	2.1
11	17.9	25.2	20.1	81.0	1.9	0.0	1.9	1.6
12	16.5	27.2	20.6	80.3	0.0	1.5	1.5	4.4
13	18.0	25.5	20.4	82.7	0.0	0.0	0.0	1.7
14	16.0	24.0	19.9	80.7	0.0	0.0	0.0	.4
15	16.5	27.0	20.9	79.0	0.0	0.0	0.0	6.3
16	18.6	27.1	21.6	75.0	0.0	0.0	0.0	7.2
17	18.2	26.5	21.3	79.0	0.0	0.0	0.0	8.2
18	17.2	27.5	21.0	86.0	5.6	0.0	5.6	4.3
19	18.5	25.5	21.3	79.7	0.0	0.0	0.0	3.4
20	18.1	27.8	22.0	74.7	0.0	0.0	0.0	3.2
21	19.5	27.1	21.8	77.7	0.0	28.0	28.0	4.1
22	17.5	26.0	19.7	82.0	0.0	0.0	0.0	4.1
23	14.0	28.7	21.4	76.3	0.0	0.0	0.0	7.2
24	17.5	28.0	21.9	81.7	0.0	.2	.2	5.2
25	19.0	23.5	20.5	81.7	0.0	0.0	0.0	0.0
26	17.5	22.0	18.5	92.3	3.1	8.5	11.6	.2
27	17.0	27.0	21.4	82.7	0.0	23.1	23.1	5.1
28	17.5	26.0	20.8	76.0	0.0	0.0	0.0	3.6
29	17.0	25.8	20.5	81.0	0.0	0.0	0.0	6.3
30	17.0	24.5	19.8	85.0	0.0	0.0	0.0	.8
31	15.0	26.5	20.0	81.3	9.2	0.0	9.2	4.3
Total :					41.2	67.5	108.7	123.6
Promedio :	17.2	26.2	20.7	80.8				

Junio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	27.0	20.8	83.3	1.9	0.0	1.9	4.0
2	18.5	26.5	20.2	85.7	3.0	0.0	3.0	2.9
3	17.0	27.5	21.4	78.7	0.0	15.1	15.1	7.7
4	16.5	21.0	18.6	87.3	4.5	.3	4.8	0.0
5	16.0	27.0	20.7	77.0	5.1	21.7	26.8	6.5
6	16.0	25.5	20.5	81.7	3.1	11.6	14.7	2.1
7	16.5	23.5	18.0	89.3	12.0	0.0	12.0	.8
8	15.8	24.9	19.6	81.7	0.0	0.0	0.0	1.7
9	15.0	23.5	18.1	89.3	.9	.1	1.0	2.4
10	14.5	26.2	19.5	83.3	0.0	0.0	0.0	8.1
11	15.5	26.0	20.6	77.3	0.0	0.0	0.0	2.8
12	18.0	27.0	20.6	80.7	5.9	0.0	5.9	2.9
13	16.5	24.0	20.0	82.7	0.0	0.0	0.0	2.6
14	16.0	26.9	20.4	77.7	.3	0.0	.3	4.2
15	15.5	26.5	20.7	80.3	0.0	3.2	3.2	5.8
16	18.0	24.0	20.7	80.0	1.1	0.0	1.1	.3
17	16.5	25.5	20.2	80.7	0.0	0.0	0.0	4.8
18	17.5	25.0	19.5	82.7	0.0	0.0	0.0	.8
19	16.5	25.2	20.1	82.0	0.0	0.0	0.0	2.1
20	17.8	25.0	20.2	83.0	0.0	0.0	0.0	6.1
21	15.5	25.2	20.2	80.0	0.0	0.0	0.0	5.6
22	16.2	26.5	21.6	76.3	0.0	0.0	0.0	6.9
23	18.0	26.2	21.6	80.3	0.0	.7	.7	6.3
24	18.2	24.5	19.3	84.0	3.8	1.5	5.3	3.3
25	15.5	24.0	19.8	78.7	.3	1.9	2.2	3.9
26	15.2	25.0	20.1	80.7	0.0	0.0	0.0	4.7
27	17.0	26.5	20.5	79.0	8.9	0.0	8.9	4.7
28	16.7	27.5	20.8	79.3	0.0	0.0	0.0	8.2
29	18.0	26.5	21.7	73.3	0.0	12.2	12.2	7.3
30	17.5	28.5	20.8	79.3	0.0	0.0	0.0	8.0
31								
Total :					50.8	68.3	119.1	127.5
Promedio :	16.6	25.6	20.2	81.2				

Estación : JULIO FERNANDEZ
Año : 1997

Dpto. : VALLE
Mpio. : RESTREPO

Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

Julio	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.3	20.6	79.0	0.0	0.0	0.0	2.7
2	15.5	27.5	20.4	73.7	0.0	0.0	0.0	8.4
3	16.5	25.5	20.8	75.3	0.0	0.0	0.0	5.2
4	16.3	28.2	21.4	75.7	0.0	0.0	0.0	6.9
5	19.0	25.5	21.5	78.7	0.0	0.0	0.0	2.8
6	17.4	27.5	21.2	80.0	0.0	0.0	0.0	2.8
7	17.5	27.1	20.9	79.3	.1	0.0	.1	7.5
8	17.8	25.3	20.7	79.7	0.0	0.0	0.0	.3
9	17.4	26.5	20.2	79.3	0.0	0.0	0.0	2.1
10	15.7	26.3	19.9	79.0	0.0	0.0	0.0	6.3
11	16.0	28.0	21.6	75.7	0.0	1.4	1.4	5.1
12	18.0	27.5	22.0	76.0	0.0	0.0	0.0	3.5
13	15.0	28.0	20.3	80.3	0.0	0.0	0.0	5.7
14	17.1	27.0	21.2	80.0	0.0	0.0	0.0	3.7
15	16.9	27.0	21.0	79.3	0.0	4.2	4.2	3.4
16	16.0	26.1	19.7	79.7	4.2	0.0	4.2	5.5
17	16.5	28.0	22.0	74.0	0.0	0.0	0.0	5.4
18	17.0	29.0	21.0	79.0	0.0	0.0	0.0	7.5
19	16.8	28.5	21.3	76.0	0.0	0.0	0.0	7.4
20	16.8	30.5	22.2	74.0	0.0	0.0	0.0	7.8
21	15.3	28.5	21.5	72.7	0.0	0.0	0.0	7.5
22	16.7	28.3	22.1	74.3	0.0	0.0	0.0	3.0
23	16.6	29.2	22.2	75.7	0.0	0.0	0.0	6.5
24	14.8	31.5	22.5	69.7	0.0	0.0	0.0	9.3
25	16.5	28.2	21.4	77.3	0.0	0.0	0.0	.9
26	15.5	28.0	21.6	76.3	0.0	0.0	0.0	6.7
27	17.5	25.5	20.4	81.7	0.0	0.0	0.0	.6
28	15.6	26.5	19.9	81.0	.2	0.0	.2	2.2
29	17.5	26.6	19.8	77.7	2.4	0.0	2.4	2.6
30	15.8	26.2	21.0	74.7	0.0	0.0	0.0	3.6
31	14.6	30.2	21.4	75.0	5.4	0.0	5.4	6.5
Total :					12.3	5.6	17.9	149.4
Promedio :	16.5	27.6	21.1	77.1				

Agosto	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	29.8	21.8	75.7	0.0	0.0	0.0	9.1
2	18.2	26.0	21.4	78.7	0.0	0.0	0.0	6.9
3	15.5	30.0	22.0	72.3	0.0	0.0	0.0	5.9
4	16.2	29.0	21.6	76.3	0.0	0.0	0.0	6.3
5	18.5	29.1	22.2	72.0	0.0	0.0	0.0	9.1
6	19.0	28.0	21.8	78.7	0.0	0.0	0.0	7.3
7	18.5	30.3	22.8	69.0	0.0	0.0	0.0	6.6
8	16.6	27.0	21.0	77.7	0.0	0.0	0.0	3.3
9	16.0	28.2	20.6	74.0	0.0	0.0	0.0	2.5
10	15.0	30.0	21.4	69.0	0.0	0.0	0.0	4.9
11	16.5	27.6	21.1	74.0	0.0	0.0	0.0	3.6
12	16.6	28.4	21.5	76.3	0.0	0.0	0.0	5.3
13	18.0	26.0	20.9	77.3	0.0	0.0	0.0	1.7
14	18.2	26.2	20.8	82.0	1.3	0.0	1.3	4.1
15	16.0	30.0	21.8	74.0	0.0	0.0	0.0	8.1
16	17.6	27.2	21.2	76.3	0.0	0.0	0.0	4.8
17	16.5	28.0	21.3	74.0	0.0	0.0	0.0	3.1
18	17.0	26.8	21.3	73.7	0.0	0.0	0.0	3.5
19	17.4	26.0	20.2	81.3	0.0	0.0	0.0	2.3
20	15.0	28.8	20.3	78.0	1.3	0.0	1.3	7.3
21	14.6	29.0	21.0	72.7	0.0	0.0	0.0	8.4
22	16.0	28.0	21.2	76.0	0.0	0.0	0.0	3.6
23	17.6	27.2	21.2	75.3	0.0	0.0	0.0	4.6
24	16.5	29.0	21.4	74.0	0.0	0.0	0.0	7.3
25	16.8	28.8	22.0	75.3	0.0	0.0	0.0	7.3
26	18.6	30.4	22.4	74.0	0.0	0.0	0.0	1.2
27	15.5	29.2	21.6	71.0	0.0	0.0	0.0	6.2
28	16.5	31.0	22.0	72.0	0.0	0.0	0.0	5.0
29	14.0	28.6	20.9	73.3	0.0	0.0	0.0	6.8
30	15.5	28.0	21.2	71.7	0.0	0.0	0.0	6.4
31	17.0	27.8	21.8	71.0	0.0	0.0	0.0	4.3
Total :					2.6	0.0	2.6	166.8
Promedio :	16.7	28.4	21.4	74.7				

Estación : JULIO FERNANDEZ | **Dpto. : VALLE** | **Latitud : 3 ° 48 ' N**
Año : 1997 | **Mpio. : RESTREPO** | **Longitud : 76 ° 32 ' W**
Altitud : 1360 m

Septiembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	26.4	20.4	78.0	0.0	0.0	0.0	1.6
2	16.7	26.8	20.2	78.7	0.0	0.0	0.0	2.9
3	16.5	27.0	19.9	82.3	0.0	0.0	0.0	2.3
4	15.0	28.5	20.5	74.0	0.0	0.0	0.0	7.6
5	16.2	27.8	21.2	78.0	.2	3.8	4.0	6.0
6	15.8	26.5	21.0	74.7	0.0	0.0	0.0	5.6
7	17.0	26.0	20.4	77.7	0.0	42.0	42.0	3.2
8	17.0	25.0	19.8	80.7	0.0	2.6	2.6	2.6
9	16.5	28.0	20.8	77.0	.8	0.0	.8	5.1
10	16.0	28.5	20.8	78.3	0.0	0.0	0.0	5.2
11	18.5	28.0	21.4	80.0	0.0	10.6	10.6	3.4
12	17.0	26.0	20.6	77.7	0.0	18.2	18.2	5.1
13	17.0	26.2	20.6	80.0	0.0	0.0	0.0	5.9
14	16.8	25.8	20.6	79.3	0.0	0.0	0.0	3.3
15	16.0	28.5	21.5	76.3	0.0	0.0	0.0	6.8
16	18.0	28.8	22.3	72.7	0.0	4.5	4.5	3.8
17	18.5	27.0	21.5	74.3	0.0	0.0	0.0	6.1
18	15.5	27.2	20.5	78.0	0.0	0.0	0.0	1.1
19	17.5	25.0	20.4	82.7	0.0	0.0	0.0	5.9
20	18.5	25.5	21.0	73.0	0.0	0.0	0.0	8.2
21	15.5	27.0	21.0	72.0	0.0	1.2	1.2	1.5
22	17.0	24.0	19.5	83.7	1.7	0.0	1.7	2.5
23	17.5	26.0	20.9	74.3	0.0	10.9	10.9	1.9
24	17.5	27.5	21.2	75.3	.7	10.3	11.0	5.7
25	17.0	28.0	21.4	74.7	8.5	1.8	10.3	6.3
26	17.5	27.8	21.2	79.7	10.0	0.0	10.0	3.3
27	16.0	26.2	20.8	79.3	.4	.2	.6	2.7
28	17.0	24.0	19.5	82.3	0.0	0.0	0.0	.4
29	13.5	27.0	20.2	76.3	0.0	0.0	0.0	8.6
30	16.0	28.5	20.3	77.3	0.0	5.6	5.6	4.2
31								
Total :					22.3	111.7	134.0	128.8
Promedio :	16.7	26.8	20.7	77.6				

Octubre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	26.8	21.4	76.0	0.0	.1	.1	8.6
2	17.5	25.0	20.4	83.3	5.0	.7	5.7	3.3
3	17.4	24.0	19.7	81.7	0.0	0.0	0.0	.5
4	17.0	27.0	21.0	77.7	0.0	16.1	16.1	4.2
5	17.6	25.7	20.2	79.0	0.0	0.0	0.0	1.8
6	18.0	25.0	20.2	79.3	0.0	0.0	0.0	1.5
7	16.0	28.0	21.7	76.0	0.0	0.0	0.0	8.4
8	17.8	27.0	21.2	75.0	0.0	0.0	0.0	5.1
9	15.5	28.0	20.8	77.0	0.0	17.4	17.4	7.8
10	17.2	28.2	21.0	73.7	0.0	0.0	0.0	1.9
11	18.0	27.0	21.2	75.0	0.0	4.5	4.5	4.5
12	17.0	28.0	21.0	71.7	0.0	2.5	2.5	8.4
13	17.1	27.5	20.7	75.3	0.0	0.0	0.0	6.1
14	17.0	27.5	21.2	70.7	0.0	0.0	0.0	7.2
15	13.5	28.0	20.2	73.3	0.0	0.0	0.0	7.2
16	15.5	27.0	20.6	75.0	.9	.6	1.5	4.3
17	16.4	26.5	19.8	80.0	11.5	2.1	13.6	2.0
18	17.0	24.0	19.6	79.3	0.0	7.6	7.6	2.2
19	16.5	26.5	20.3	78.7	0.0	0.0	0.0	2.6
20	17.0	26.5	20.8	79.0	0.0	0.0	0.0	4.9
21	17.5	24.0	18.9	87.0	31.4	1.6	33.0	.5
22	15.5	27.2	20.4	79.0	0.0	0.0	0.0	4.0
23	16.0	27.5	20.9	76.7	0.0	0.0	0.0	5.7
24	17.6	27.2	21.8	78.0	0.0	0.0	0.0	8.0
25	18.8	25.4	20.8	80.7	0.0	0.0	0.0	.2
26	18.0	27.0	21.6	82.0	0.0	0.0	0.0	5.2
27	18.8	27.1	21.6	79.7	0.0	0.0	0.0	3.1
28	18.2	25.0	21.0	73.7	0.0	0.0	0.0	2.9
29	16.5	27.0	20.6	76.7	.8	0.0	.8	5.8
30	17.5	27.2	21.6	77.0	0.0	7.2	7.2	7.4
31	19.0	26.0	21.2	78.7	0.0	0.0	0.0	4.4
Total :					49.6	60.4	110.0	139.7
Promedio :	17.1	26.6	20.8	77.6				

Estación : JULIO FERNANDEZ
Año : 1997

Dpto. : VALLE
Mpio. : RESTREPO

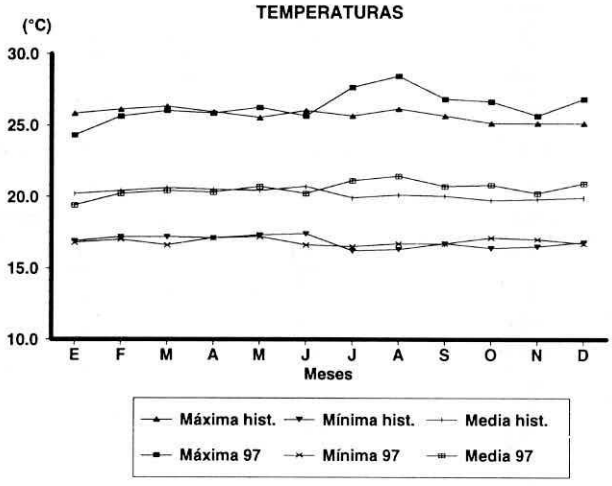
Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

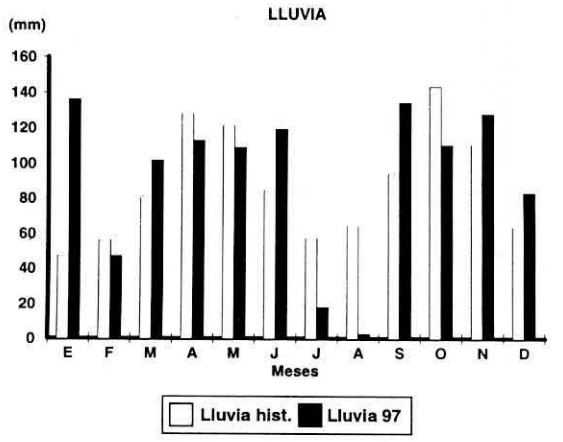
Noviembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.7	21.4	79.7	6.2	0.0	6.2	4.6
2	17.8	27.5	21.9	77.0	0.0	0.0	0.0	6.8
3	18.9	27.0	21.0	80.3	.4	0.0	.4	4.5
4	17.5	24.5	20.4	81.0	0.0	0.0	0.0	2.7
5	17.0	27.5	21.6	77.7	.1	2.1	2.2	6.7
6	18.5	26.0	21.2	80.7	0.0	6.7	6.7	6.2
7	18.3	25.0	20.6	82.3	1.0	1.4	2.4	.9
8	16.9	24.0	18.4	93.3	15.3	0.0	15.3	.7
9	16.8	23.0	18.8	92.7	5.6	2.0	7.6	.5
10	17.0	24.1	19.0	88.3	5.7	1.8	7.5	2.0
11	17.5	26.0	20.0	81.0	.4	2.6	3.0	4.4
12	17.8	24.0	19.8	74.0	0.0	0.0	0.0	3.1
13	17.2	24.1	19.6	80.0	1.5	.2	1.7	1.9
14	17.0	23.9	18.6	84.3	5.6	15.8	21.4	2.0
15	15.2	25.0	19.2	79.0	11.1	.1	11.2	2.9
16	16.3	26.0	19.9	80.7	0.0	2.7	2.7	6.2
17	16.5	25.5	19.6	82.7	3.8	0.0	3.8	3.1
18	16.0	26.0	20.5	83.0	0.0	1.8	1.8	8.2
19	17.5	26.1	19.6	84.3	.4	0.0	.4	4.0
20	15.6	25.5	19.9	83.3	7.3	1.7	9.0	3.3
21	16.2	27.0	20.6	80.7	0.0	0.0	0.0	6.8
22	17.0	26.8	21.5	78.7	0.0	0.0	0.0	6.7
23	17.5	26.0	21.0	81.0	0.0	.7	.7	7.0
24	17.8	25.5	20.2	81.7	10.0	1.8	11.8	3.1
25	17.9	23.0	19.4	81.3	.3	.3	.6	1.6
26	17.0	23.5	18.6	90.0	3.2	0.0	3.2	1.5
27	16.5	27.2	20.4	79.7	0.0	0.0	0.0	7.8
28	15.5	27.0	21.0	78.0	0.0	.2	.2	8.5
29	18.0	26.5	21.7	77.3	.2	7.4	7.6	6.5
30	15.4	26.7	19.9	81.0	0.0	0.0	0.0	6.7
31								
Total :					78.1	49.3	127.4	130.9
Promedio :	17.0	25.6	20.2	81.8				

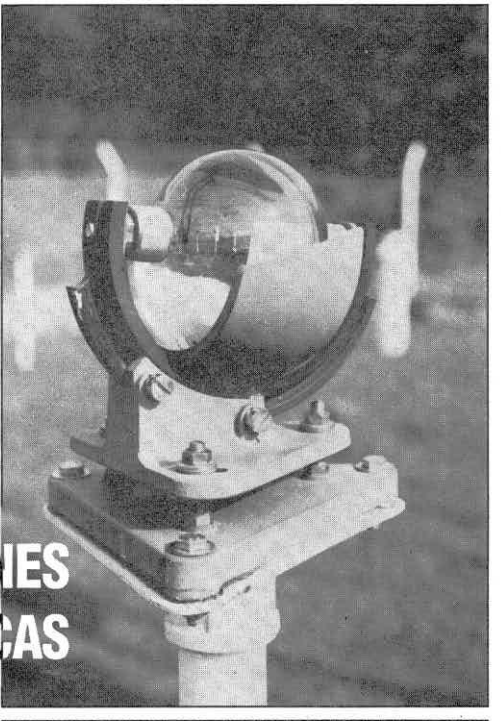
Diciembre	Temperatura (°C) Mín	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.9	21.2	78.0	0.0	14.7	14.7	7.0
2	17.5	24.8	19.8	84.7	1.6	2.1	3.7	3.1
3	17.0	27.8	21.1	79.0	0.0	0.0	0.0	7.2
4	16.0	26.6	21.3	77.7	0.0	0.0	0.0	6.6
5	18.0	28.5	22.1	74.0	0.0	0.0	0.0	7.5
6	17.5	28.3	22.5	73.7	0.0	0.0	0.0	8.6
7	19.0	27.5	22.4	77.3	0.0	0.0	0.0	9.1
8	17.5	28.0	21.2	85.0	.7	0.0	.7	5.9
9	15.0	28.0	21.4	76.0	0.0	0.0	0.0	8.1
10	17.0	27.4	21.5	77.3	0.0	0.0	0.0	8.2
11	17.9	26.8	21.5	76.3	0.0	0.0	0.0	8.9
12	16.5	26.9	21.2	77.7	0.0	0.0	0.0	6.6
13	16.7	27.0	20.8	77.7	0.0	0.0	0.0	7.8
14	15.5	27.5	20.6	76.3	0.0	9.5	9.5	6.0
15	18.2	24.0	20.1	82.7	.1	0.0	.1	.2
16	16.5	24.6	19.0	90.7	46.6	0.0	46.6	4.1
17	18.0	26.2	20.5	79.0	0.0	0.0	0.0	7.4
18	17.0	25.0	20.3	79.0	0.0	0.0	0.0	7.9
19	16.0	27.9	20.8	76.0	0.0	0.0	0.0	8.2
20	17.2	26.5	20.6	76.7	0.0	0.0	0.0	3.7
21	16.5	26.5	20.7	80.0	0.0	0.0	0.0	7.1
22	16.3	28.5	21.4	75.7	0.0	0.0	0.0	7.2
23	15.5	27.5	21.1	76.7	0.0	0.0	0.0	8.9
24	17.0	28.5	21.4	74.7	0.0	0.0	0.0	7.1
25	16.0	26.8	20.8	77.3	0.0	0.0	0.0	6.2
26	16.5	26.5	20.8	76.0	0.0	0.0	0.0	6.5
27	16.0	25.0	20.5	76.7	0.0	0.0	0.0	2.9
28	15.0	27.5	20.4	77.0	0.0	0.0	0.0	8.7
29	15.5	27.1	21.0	75.0	0.0	0.0	0.0	7.3
30	16.3	26.0	19.8	81.7	0.0	0.0	0.0	4.6
31	16.5	25.1	20.4	79.3	7.5	0.0	7.5	1.2
Total :					56.5	26.3	82.8	199.8
Promedio :	16.7	26.8	20.9	78.2				

Estación : JULIO FERNANDEZ **Dpto. :** VALLE **Latitud :** 3 ° 48 'N
Año : 1997 **Mpio. :** RESTREPO **Longitud :** 76 ° 32 'W
Altitud : 1360 m

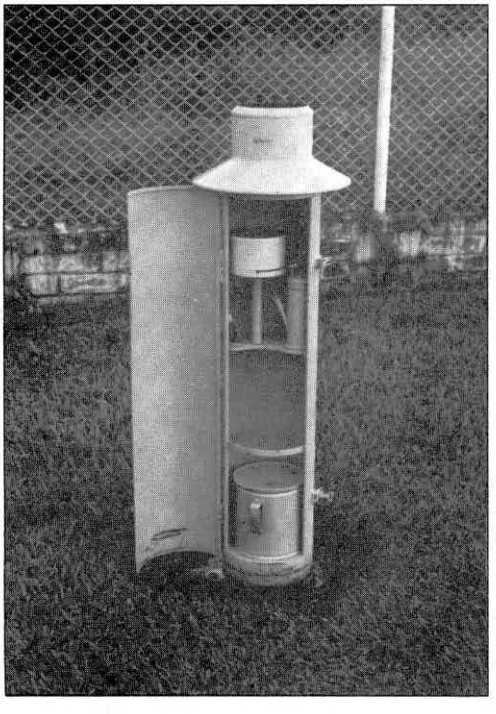
MES	TEMPERATURA °C					PRECIPITACION			
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Min. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
Enero	16.8	24.3	19.4	25.9	15.2	81.5	136.0	20	136.5
Febrero	17.0	25.6	20.2	27.2	14.2	79.6	47.0	10	131.5
Marzo	16.6	26.0	20.4	28.4	12.2	78.6	101.5	11	146.2
Abril	17.1	25.8	20.3	28.0	15.5	81.4	112.7	16	137.8
Mayo	17.2	26.2	20.7	28.7	14.0	80.8	108.7	11	123.6
Junio	16.6	25.6	20.2	28.5	14.5	81.2	119.1	17	127.5
Julio	16.5	27.6	21.1	31.5	14.6	77.1	17.9	7	149.4
Agosto	16.7	28.4	21.4	31.0	14.0	74.7	2.6	2	166.8
Septiembre	16.7	26.8	20.7	28.8	13.5	77.6	134.0	15	128.8
Octubre	17.1	26.6	20.8	28.2	13.5	77.6	110.0	12	139.7
Noviembre	17.0	25.6	20.2	27.5	15.2	81.8	127.4	23	130.9
Diciembre	16.7	26.8	20.9	28.5	15.0	78.2	82.8	7	199.8
Promedio :	16.8	26.3	20.5			79.2			
Absoluta :				31.5	12.2				
Total :							1099.7	151	1718.5

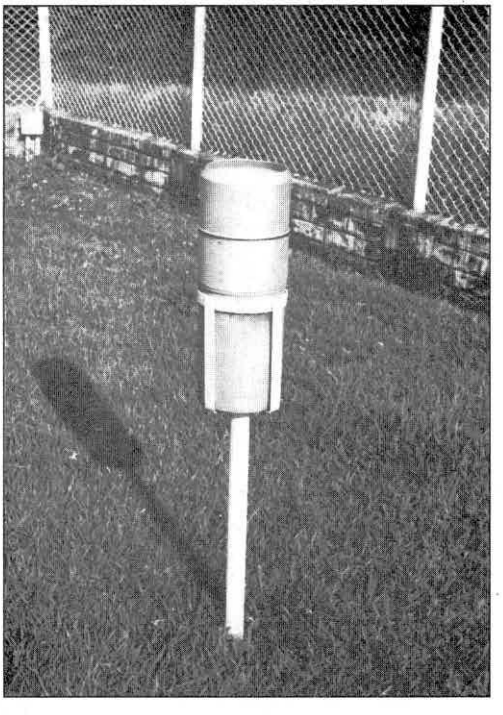






ESTACIONES HELIOPLUVIOGRAFICAS





Estación : EL REFUGIO
Año : 1997

Dpto. : CALDAS
Mpio. : NEIRA

Latitud : 5 ° 11 ' N
Longitud : 75 ° 35 ' W
Altitud : 1320 m

Enero

N°Día	Precipitación Día	Noche	Total	Brillo Sol.(h)
1	4.9	17.4	22.3	.4
2	0.0	0.0	0.0	4.2
3	0.0	0.0	0.0	5.9
4	0.0	0.0	0.0	8.3
5	0.0	0.0	0.0	9.1
6	0.0	20.0	20.0	7.6
7	0.0	9.0	9.0	.9
8	0.0	22.3	22.3	9.5
9	1.4	17.2	18.6	4.3
10	.9	.6	1.5	2.9
11	0.0	0.0	0.0	3.1
12	0.0	25.0	25.0	7.1
13	0.0	0.0	0.0	8.5
14	0.0	0.0	0.0	6.1
15	0.0	.2	.2	8.3
16	2.1	8.4	10.5	6.9
17	5.2	0.0	5.2	4.3
18	0.0	0.0	0.0	10.2
19	0.0	0.0	0.0	9.7
20	0.0	0.0	0.0	.8
21	0.0	4.0	4.0	3.4
22	0.0	0.0	0.0	8.1
23	3.6	5.3	8.9	5.4
24	0.0	9.1	9.1	6.3
25	0.0	11.8	11.8	7.3
26	0.0	10.0	10.0	7.1
27	0.0	0.0	0.0	7.4
28	0.0	10.1	10.1	9.0
29	0.0	0.0	0.0	5.4
30	0.0	4.4	4.4	8.8
31	0.0	5.2	5.2	5.4
	18.1	180.0	198.1	191.7

Febrero

N°Día	Precipitación Día	Noche	Total	Brillo Sol.(h)
1	.2	5.6	5.8	4.4
2	2.0	0.0	2.0	6.8
3	0.0	0.0	0.0	5.9
4	0.0	14.0	14.0	5.4
5	0.0	0.0	0.0	5.7
6	0.0	0.0	0.0	7.6
7	0.0	0.0	0.0	5.5
8	0.0	0.0	0.0	1.3
9	0.0	.9	.9	2.9
10	0.0	0.0	0.0	2.4
11	.2	0.0	.2	.6
12	0.0	7.4	7.4	2.5
13	0.0	0.0	0.0	5.2
14	0.0	0.0	0.0	8.1
15	0.0	0.0	0.0	4.8
16	0.0	.8	.8	1.5
17	0.0	3.2	3.2	4.7
18	0.0	.4	.4	5.1
19	0.0	0.0	0.0	7.1
20	0.0	.2	.2	3.5
21	0.0	12.3	12.3	7.0
22	0.0	1.0	1.0	8.7
23	0.0	0.0	0.0	2.9
24	0.0	0.0	0.0	2.1
25	0.0	0.0	0.0	.4
26	0.0	0.0	0.0	7.3
27	0.0	0.0	0.0	7.8
28	0.0	0.0	0.0	4.0
	2.4	45.8	48.2	131.2

Marzo

N°Día	Precipitación Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	.4
2	0.0	0.0	0.0	5.7
3	0.0	0.0	0.0	4.6
4	0.0	0.0	0.0	9.3
5	0.0	0.0	0.0	.6
6	0.0	0.0	0.0	8.1
7	0.0	0.0	0.0	9.4
8	0.0	0.0	0.0	4.9
9	0.0	0.0	0.0	8.3
10	.1	35.3	35.4	6.0
11	.2	9.4	9.6	6.7
12	0.0	4.3	4.3	3.3
13	5.3	0.0	5.3	0.0
14	0.0	0.0	0.0	7.3
15	0.0	0.0	0.0	10.0
16	4.0	43.2	47.2	1.0
17	4.6	15.4	20.0	0.0
18	12.7	1.7	14.4	2.0
19	.2	0.0	.2	1.1
20	0.0	.2	.2	3.0
21	0.0	0.0	0.0	3.0
22	0.0	0.0	0.0	9.4
23	0.0	0.0	0.0	4.9
24	0.0	0.0	0.0	9.6
25	0.0	0.0	0.0	9.3
26	0.0	0.0	0.0	7.4
27	0.0	0.0	0.0	7.6
28	0.0	0.0	0.0	7.9
29	0.0	0.0	0.0	6.2
30	0.0	0.0	0.0	4.8
31	0.0	0.0	0.0	6.0
	27.1	109.5	136.6	167.8

Abril

N°Día	Precipitación Día	Noche	Total	Brillo Sol.(h)
1	0.0	4.5	4.5	1.8
2	0.0	0.0	0.0	8.0
3	0.0	54.0	54.0	8.7
4	.3	0.0	.3	2.2
5	0.0	0.0	0.0	6.3
6	7.4	4.0	11.4	7.1
7	0.0	0.0	0.0	1.4
8	0.0	0.0	0.0	1.9
9	0.0	0.0	0.0	6.8
10	0.0	28.0	28.0	.3
11	0.0	0.0	0.0	.3
12	0.0	0.0	0.0	5.6
13	0.0	0.0	0.0	.9
14	0.0	0.0	0.0	2.8
15	0.0	0.0	0.0	4.8
16	0.0	5.0	5.0	9.2
17	0.0	7.0	7.0	.7
18	0.0	0.0	0.0	0.0
19	16.5	3.9	20.4	3.0
20	.4	2.9	3.3	.9
21	6.5	.2	6.7	2.8
22	0.0	32.3	32.3	.2
23	0.0	0.0	0.0	3.3
24	0.0	2.0	2.0	3.7
25	3.0	0.0	3.0	.9
26	0.0	0.0	0.0	2.4
27	0.0	10.0	10.0	5.4
28	0.0	8.0	8.0	3.8
29	0.0	0.0	0.0	10.6
30	0.0	0.0	0.0	2.1
31				
	34.1	161.8	195.9	107.9

Mayo

N°Día	Precipitación .Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	5.3
2	0.0	0.0	0.0	2.7
3	0.0	0.0	0.0	7.1
4	0.0	0.0	0.0	1.7
5	0.0	0.0	0.0	7.1
6	0.0	0.0	0.0	2.1
7	1.1	0.0	1.1	4.1
8	0.0	0.0	0.0	7.2
9	.2	16.7	16.9	3.5
10	0.0	18.8	18.8	2.9
11	.3	0.0	.3	.6
12	0.0	30.4	30.4	4.1
13	.1	.5	.6	5.9
14	0.0	2.0	2.0	2.7
15	0.0	0.0	0.0	2.7
16	0.0	.2	.2	4.4
17	0.0	0.0	0.0	5.9
18	.7	0.0	.7	7.6
19	0.0	0.0	0.0	3.1
20	0.0	0.0	0.0	5.8
21	.1	0.0	.1	7.3
22	0.0	0.0	0.0	1.3
23	0.0	0.0	0.0	9.7
24	0.0	0.0	0.0	4.0
25	1.0	20.0	21.0	2.1
26	19.4	0.0	19.4	1.0
27	0.0	0.0	0.0	3.1
28	0.0	0.0	0.0	1.7
29	0.0	0.0	0.0	2.3
30	0.0	0.0	0.0	1.9
31	0.0	4.0	4.0	1.3
	22.9	92.6	115.5	122.2

Junio

N°Día	Precipitación Día	Noche	Total	Brillo Sol.(h)
1	.5	0.0	.5	4.0
2	0.0	0.0	0.0	4.0
3	0.0	.9	.9	7.2
4	.8	0.0	.8	0.0
5	0.0	0.0	0.0	4.0
6	2.1	.6	2.7	4.4
7	0.0	25.0	25.0	.6
8	.5	0.0	.5	.3
9	.8	5.5	6.3	1.9
10	.1	0.0	.1	4.5
11	0.0	37.6	37.6	5.4
12	0.0	0.0	0.0	4.6
13	.4	4.5	4.9	.8
14	0.0	0.0	0.0	3.5
15	0.0	0.0	0.0	8.2
16	12.6	0.0	12.6	7.3
17	0.0	0.0	0.0	3.2
18	0.0	3.7	3.7	2.2
19	2.7	0.0	2.7	.4
20	0.0	0.0	0.0	6.9
21	0.0	0.0	0.0	8.3
22	0.0	0.0	0.0	10.9
23	0.0	0.0	0.0	7.6
24	0.0	0.0	0.0	0.0
25	1.8	18.2	20.0	4.4
26	0.0	.3	.3	.7
27	0.0	0.0	0.0	2.1
28	0.0	0.0	0.0	8.8
29	0.0	6.0	6.0	8.3
30	0.0	0.0	0.0	6.2
31				
	22.3	102.3	124.6	130.7

Estación : EL REFUGIO
Año : 1997

Dpto. : CALDAS
Mpio. : NEIRA

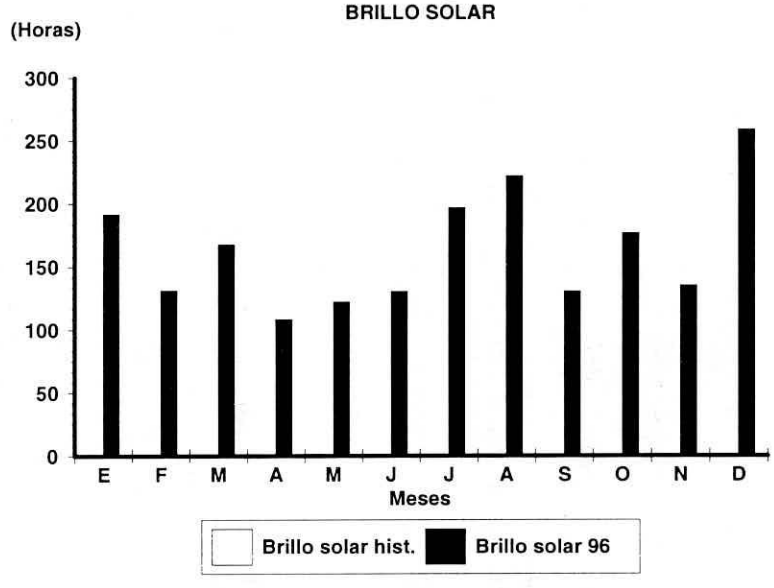
Latitud : 5 ° 11 ' N
Longitud : 75 ° 35 ' W
Altitud : 1320 m

	Julio				*Agosto*				*Septiembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	0.0	0.0	0.0	3.5	0.0	0.0	0.0	7.8	0.0	25.8	25.8	1.8
2	0.0	0.0	0.0	9.9	0.0	0.0	0.0	3.6	0.0	0.0	0.0	3.7
3	0.0	0.0	0.0	4.2	0.0	0.0	0.0	7.9	0.0	0.0	0.0	5.1
4	0.0	0.0	0.0	10.2	0.0	0.0	0.0	7.9	0.0	0.0	0.0	9.0
5	.3	0.0	.3	4.8	0.0	0.0	0.0	10.0	0.0	31.1	31.1	4.4
6	0.0	0.0	0.0	9.9	0.0	0.0	0.0	6.2	0.0	0.0	0.0	4.7
7	0.0	0.0	0.0	8.2	0.0	0.0	0.0	5.4	0.0	12.0	12.0	4.4
8	0.0	.2	.2	4.9	0.0	0.0	0.0	7.1	0.0	54.0	54.0	3.2
9	0.0	0.0	0.0	2.6	0.0	0.0	0.0	2.4	0.0	1.0	1.0	1.5
10	0.0	0.0	0.0	7.2	0.0	0.0	0.0	8.0	0.0	0.0	0.0	4.2
11	0.0	0.0	0.0	3.4	0.0	0.0	0.0	5.9	0.0	0.0	0.0	6.5
12	0.0	0.0	0.0	5.2	0.0	0.0	0.0	6.7	0.0	0.0	0.0	5.0
13	0.0	0.0	0.0	10.4	0.0	0.0	0.0	4.0	0.0	0.0	0.0	7.1
14	0.0	0.0	0.0	4.2	2.4	0.0	2.4	5.5	0.0	0.0	0.0	6.2
15	0.0	0.0	0.0	4.7	0.0	0.0	0.0	10.4	0.0	0.0	0.0	7.1
16	0.0	0.0	0.0	5.4	0.0	0.0	0.0	7.3	0.0	0.0	0.0	3.0
17	0.0	0.0	0.0	9.9	0.0	0.0	0.0	7.0	0.0	0.0	0.0	2.5
18	0.0	0.0	0.0	6.9	0.0	0.0	0.0	8.8	.2	0.0	.2	8.2
19	0.0	0.0	0.0	9.6	0.0	0.0	0.0	3.2	1.8	27.2	29.0	5.0
20	0.0	0.0	0.0	9.0	0.0	0.0	0.0	9.8	12.0	0.0	12.0	1.4
21	0.0	0.0	0.0	8.8	1.1	0.0	1.1	11.0	0.0	1.8	1.8	5.6
22	0.0	0.0	0.0	1.7	0.0	0.0	0.0	6.7	0.0	1.0	1.0	2.7
23	0.0	0.0	0.0	10.8	0.0	0.0	0.0	7.6	0.0	6.9	6.9	1.7
24	0.0	0.0	0.0	10.4	0.0	0.0	0.0	8.2	0.0	4.7	4.7	1.8
25	0.0	0.0	0.0	.8	0.0	0.0	0.0	10.1	.7	2.1	2.8	4.5
26	0.0	0.0	0.0	7.3	0.0	0.0	0.0	4.1	0.0	0.0	0.0	3.2
27	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	2.3
28	.7	0.0	.7	1.5	0.0	0.0	0.0	8.8	0.0	0.0	0.0	1.3
29	.2	9.2	9.4	6.6	0.0	0.0	0.0	10.3	0.0	0.0	0.0	6.4
30	0.0	1.3	1.3	4.2	0.0	0.0	0.0	9.5	.2	0.0	.2	7.1
31	.2	0.0	.2	9.6	0.0	0.0	0.0	8.8				
	1.4	10.7	12.1	196.8	3.5	0.0	3.5	222.0	14.9	167.6	182.5	130.6

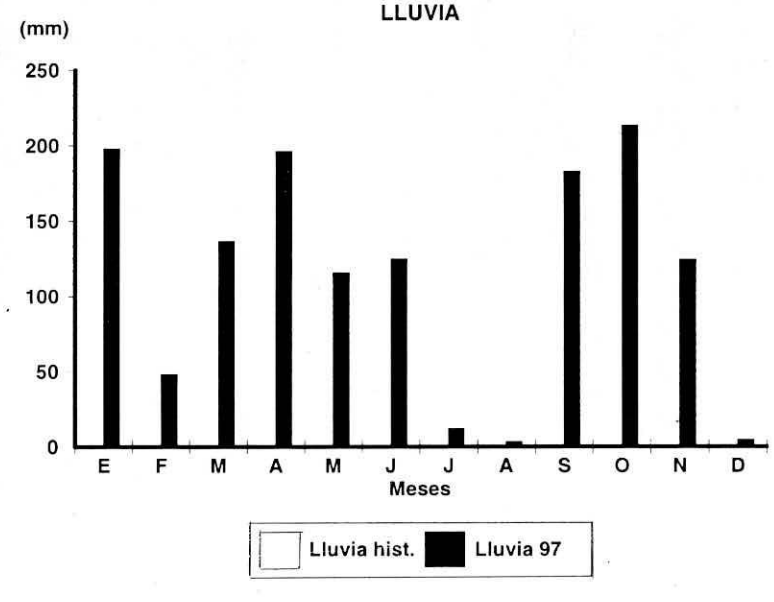
	Octubre				*Noviembre*				*Diciembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	0.0	0.0	0.0	6.4	0.0	0.0	0.0	3.4	0.0	0.0	0.0	6.2
2	2.2	0.0	2.2	3.6	0.0	0.0	0.0	8.1	0.0	0.0	0.0	5.5
3	.9	0.0	.9	.9	0.0	0.0	0.0	1.1	0.0	0.0	0.0	8.5
4	0.0	5.7	5.7	6.4	.5	.2	.7	2.7	0.0	0.0	0.0	10.1
5	0.0	0.0	0.0	3.3	0.0	0.0	0.0	4.6	0.0	0.0	0.0	8.3
6	.2	0.0	.2	3.8	.4	0.0	.4	2.5	0.0	0.0	0.0	9.3
7	0.0	0.0	0.0	6.3	.6	33.4	34.0	3.8	0.0	0.0	0.0	7.0
8	.2	0.0	.2	2.1	11.0	4.5	15.5	.3	0.0	0.0	0.0	8.5
9	0.0	1.7	1.7	7.0	.4	5.2	5.6	0.0	0.0	0.0	0.0	10.8
10	.8	36.2	37.0	6.9	.3	2.0	2.3	2.7	0.0	0.0	0.0	8.3
11	0.0	27.1	27.1	3.2	.1	6.9	7.0	5.4	0.0	0.0	0.0	8.1
12	0.0	11.0	11.0	7.1	0.0	1.2	1.2	5.3	0.0	0.0	0.0	7.8
13	0.0	0.0	0.0	4.3	0.0	0.0	0.0	5.0	0.0	0.0	0.0	9.1
14	0.0	0.0	0.0	7.8	4.8	.3	5.1	3.4	0.0	4.8	4.8	7.5
15	0.0	0.0	0.0	5.1	0.0	0.0	0.0	5.3	0.0	0.0	0.0	.9
16	.2	11.6	11.8	5.8	0.0	3.8	3.8	5.3	0.0	0.0	0.0	7.5
17	.1	3.7	3.8	4.8	0.0	0.0	0.0	3.0	0.0	0.0	0.0	10.1
18	1.0	3.5	4.5	5.4	0.0	22.0	22.0	3.5	0.0	0.0	0.0	8.4
19	0.0	0.0	0.0	6.7	.4	15.8	16.2	6.4	0.0	0.0	0.0	10.5
20	0.0	0.0	0.0	6.4	0.0	0.0	0.0	3.6	0.0	0.0	0.0	8.0
21	0.0	105.0	105.0	7.8	2.3	0.0	2.3	6.7	0.0	0.0	0.0	6.6
22	0.0	0.0	0.0	4.3	0.0	0.0	0.0	8.8	0.0	0.0	0.0	7.9
23	0.0	0.0	0.0	7.2	0.0	0.0	0.0	3.5	0.0	0.0	0.0	9.7
24	0.0	0.0	0.0	7.8	0.0	.2	.2	4.9	0.0	0.0	0.0	8.5
25	0.0	.5	.5	9.5	4.0	1.0	5.0	4.1	0.0	0.0	0.0	8.4
26	0.0	0.0	0.0	8.8	0.0	0.0	0.0	.6	0.0	0.0	0.0	8.8
27	0.0	0.0	0.0	6.6	0.0	0.0	0.0	6.7	0.0	0.0	0.0	10.0
28	0.0	1.1	1.1	5.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	10.4
29	0.0	0.0	0.0	3.7	0.0	0.0	0.0	8.2	0.0	0.0	0.0	9.6
30	0.0	0.0	0.0	7.9	.8	1.8	2.6	8.2	0.0	0.0	0.0	8.0
31	0.0	0.0	0.0	4.7					0.0	0.0	0.0	10.4
	5.6	207.1	212.7	176.6	25.6	98.3	123.9	135.1	0.0	4.8	4.8	258.7

El Refugio

BRILLO SOLAR



LLUVIA



Estación : BREMEN
Año : 1997

Dpto. : QUINDIO
Mpio. : CIRCASIA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 37 ' W
Altitud : 2040 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.3	0.0	16.3	0.0
2	1.3	17.4	18.7	1.2
3	7.7	0.0	7.7	.2
4	1.3	0.0	1.3	.8
5	5.5	9.2	14.7	5.8
6	10.7	47.3	58.0	1.0
7	0.0	0.0	0.0	.2
8	1.1	0.0	1.1	3.2
9	0.0	6.3	6.3	.7
10	8.4	1.7	10.1	.3
11	0.0	0.0	0.0	2.8
12	10.9	6.7	17.6	1.4
13	.8	0.0	.8	3.4
14	0.0	0.0	0.0	3.3
15	20.8	32.5	53.3	2.0
16	7.6	11.7	19.3	1.0
17	18.0	1.3	19.3	0.0
18	9.7	.3	10.0	.4
19	5.5	26.5	32.0	4.0
20	19.7	.1	19.8	0.0
21	14.0	0.0	14.0	.2
22	3.6	21.7	25.3	4.0
23	11.2	3.7	14.9	3.6
24	0.0	0.0	0.0	3.4
25	9.8	22.5	32.3	1.4
26	14.4	3.3	17.7	3.2
27	0.0	0.0	0.0	3.1
28	0.0	1.2	1.2	2.6
29	0.0	0.0	0.0	2.2
30	7.1	38.9	46.0	3.6
31	5.1	23.0	28.1	2.0
	210.5	275.3	485.8	61.0

Febrero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	2.3	11.8	14.1	1.1
2	.2	0.0	.2	3.7
3	.3	0.0	.3	4.6
4	12.1	0.0	12.1	1.7
5	18.9	0.0	18.9	2.9
6	4.2	1.3	5.5	3.3
7	3.3	0.0	3.3	.7
8	4.8	18.8	23.6	.8
9	.1	5.8	5.9	1.1
10	.1	.5	.6	1.4
11	3.4	.1	3.5	1.8
12	.2	.5	.7	.6
13	1.9	0.0	1.9	3.6
14	0.0	0.0	0.0	4.2
15	0.0	.1	.1	2.6
16	1.6	6.7	8.3	.1
17	9.9	0.0	9.9	1.6
18	0.0	0.0	0.0	4.3
19	1.7	.4	2.1	2.3
20	0.0	0.0	0.0	1.7
21	0.0	.1	.1	3.2
22	32.2	0.0	32.2	3.8
23	11.4	0.0	11.4	.6
24	0.0	0.0	0.0	3.4
25	0.0	0.0	0.0	.3
26	6.5	.1	6.6	2.2
27	.1	0.0	.1	3.0
28	18.0	0.0	18.0	.7
	133.2	46.2	179.4	61.3

Marzo

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	21.0	0.0	21.0	.9
2	.3	.3	.6	3.1
3	.1	0.0	.1	3.2
4	13.4	0.0	13.4	3.5
5	2.5	0.0	2.5	1.0
6	0.0	0.0	0.0	5.3
7	0.0	0.0	0.0	9.0
8	0.0	0.0	0.0	8.3
9	0.0	0.0	0.0	4.7
10	0.0	0.0	0.0	5.6
11	0.0	0.0	0.0	3.3
12	0.0	6.3	6.3	2.9
13	7.2	.1	7.3	.2
14	0.0	0.0	0.0	6.5
15	18.1	0.0	18.1	2.2
16	.3	57.5	57.8	1.0
17	4.3	1.7	6.0	0.0
18	2.7	16.4	19.1	0.0
19	15.7	0.0	15.7	.5
20	.6	2.1	2.7	1.4
21	2.8	0.0	2.8	1.3
22	0.0	0.0	0.0	8.0
23	2.0	0.0	2.0	8.3
24	0.0	0.0	0.0	8.5
25	0.0	0.0	0.0	8.7
26	.2	0.0	.2	1.0
27	0.0	0.0	0.0	5.2
28	.4	0.0	.4	3.6
29	2.8	0.0	2.8	3.2
30	22.0	0.0	22.0	1.7
31	3.8	7.6	11.4	4.0
	120.2	92.0	212.2	116.1

Abril

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	.7	18.1	2.0
2	31.5	0.0	31.5	4.5
3	1.7	.1	1.8	4.3
4	0.0	0.0	0.0	1.0
5	0.0	0.0	0.0	3.6
6	54.4	2.6	57.0	2.6
7	0.0	0.0	0.0	.9
8	0.0	0.0	0.0	0.0
9	0.0	.6	.6	1.2
10	.4	.4	.8	1.1
11	13.0	.5	13.5	.5
12	12.7	0.0	12.7	1.8
13	11.4	0.0	11.4	1.4
14	5.1	0.0	5.1	.9
15	4.2	0.0	4.2	1.1
16	0.0	0.0	0.0	4.3
17	27.1	0.0	27.1	1.0
18	1.4	0.0	1.4	0.0
19	1.9	41.2	43.1	.4
20	4.8	.5	5.3	1.0
21	2.3	.4	2.7	.2
22	6.5	.3	6.8	.8
23	.4	0.0	.4	3.2
24	1.0	0.0	1.0	3.7
25	3.5	0.0	3.5	0.0
26	.1	41.5	41.6	2.4
27	1.5	.9	2.4	3.7
28	31.8	0.0	31.8	3.7
29	0.0	0.0	0.0	5.9
30	0.0	0.0	0.0	3.3
31				
	234.1	89.7	323.8	60.5

Mayo

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	5.9
2	0.0	0.0	0.0	2.1
3	0.0	1.1	1.1	4.0
4	0.0	0.0	0.0	2.2
5	.1	0.0	.1	6.1
6	0.0	0.0	0.0	1.5
7	15.1	0.0	15.1	1.9
8	0.0	0.0	0.0	7.7
9	0.0	.6	.6	1.4
10	0.0	25.9	25.9	3.1
11	1.9	.2	2.1	.4
12	0.0	3.3	3.3	2.2
13	1.7	0.0	1.7	1.5
14	4.1	0.0	4.1	3.5
15	0.0	0.0	0.0	1.7
16	.1	0.0	.1	8.5
17	0.0	.5	.5	6.5
18	0.0	0.0	0.0	6.6
19	0.0	0.0	0.0	1.9
20	0.0	0.0	0.0	2.9
21	0.0	0.0	0.0	.8
22	0.0	0.0	0.0	.2
23	0.0	3.8	3.8	7.3
24	14.4	0.0	14.4	3.4
25	0.0	0.0	0.0	0.0
26	2.3	8.5	10.8	.1
27	0.0	0.0	0.0	1.5
28	0.0	0.0	0.0	.5
29	11.2	0.0	11.2	3.5
30	.4	0.0	.4	1.2
31	1.4	0.0	1.4	1.0
	52.7	43.9	96.6	91.1

Junio

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	0.0	16.0	1.1
2	42.0	0.0	42.0	1.4
3	24.2	29.0	53.2	1.4
4	9.2	0.0	9.2	0.0
5	0.0	0.0	0.0	1.8
6	33.7	10.3	44.0	1.3
7	22.4	18.2	40.6	0.0
8	1.6	0.0	1.6	.1
9	2.0	1.4	3.4	.6
10	0.0	2.5	2.5	4.1
11	.4	.1	.5	.9
12	23.7	0.0	23.7	1.9
13	.2	.1	.3	.2
14	0.0	0.0	0.0	5.3
15	11.6	0.0	11.6	2.4
16	7.3	0.0	7.3	1.8
17	.3	0.0	.3	1.1
18	0.0	7.7	7.7	.2
19	1.0	0.0	1.0	.6
20	4.4	8.8	13.2	4.0
21	0.0	0.0	0.0	5.2
22	0.0	0.0	0.0	7.0
23	.3	0.0	.3	3.4
24	4.0	0.0	4.0	.1
25	7.5	.3	7.8	.3
26	0.0	0.0	0.0	.3
27	.3	0.0	.3	4.8
28	.2	0.0	.2	4.3
29	4.5	3.0	7.5	3.4
30	0.0	5.0	5.0	3.9
31				
	216.8	86.4	303.2	62.9

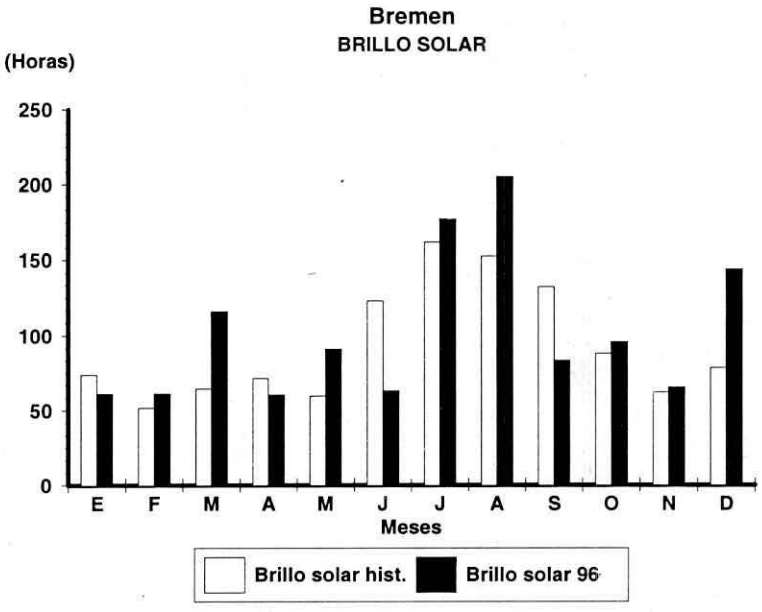
Estación : BREMEN
Año : 1997

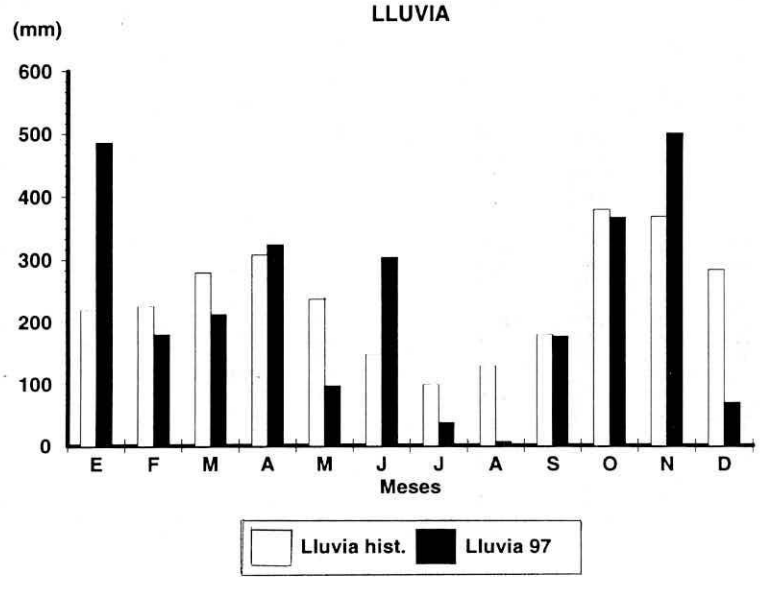
Dpto. : QUINDIO
Mpio. : CIRCASIA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 37 ' W
Altitud : 2040 m

	Julio				*Agosto*				*Septiembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	0.0	0.0	0.0	4.9	0.0	0.0	0.0	10.9	.1	0.0	.1	1.4
2	0.0	0.0	0.0	7.9	0.0	0.0	0.0	3.6	.3	0.0	.3	1.2
3	0.0	0.0	0.0	2.8	0.0	0.0	0.0	9.1	0.0	0.0	0.0	4.0
4	0.0	0.0	0.0	5.2	0.0	0.0	0.0	8.5	0.0	0.0	0.0	5.5
5	0.0	0.0	0.0	2.6	0.0	0.0	0.0	9.5	.8	11.0	11.8	1.4
6	0.0	0.0	0.0	9.1	0.0	0.0	0.0	8.9	1.5	.7	2.2	2.3
7	0.0	0.0	0.0	3.8	0.0	0.0	0.0	7.3	.1	11.1	11.2	1.8
8	0.0	0.0	0.0	1.8	0.0	0.0	0.0	9.5	0.0	0.0	0.0	.1
9	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.5	.9	.3	1.2	.7
10	0.0	0.0	0.0	3.6	0.0	0.0	0.0	3.8	.5	0.0	.5	1.6
11	0.0	0.0	0.0	8.5	3.0	0.0	3.0	2.6	4.6	0.0	4.6	3.2
12	0.0	0.0	0.0	7.2	0.0	0.0	0.0	4.7	0.0	0.0	0.0	1.8
13	0.0	0.0	0.0	9.3	0.0	0.0	0.0	3.4	0.0	0.0	0.0	4.4
14	0.0	0.0	0.0	7.2	0.0	0.0	0.0	7.0	0.0	0.0	0.0	4.8
15	0.0	0.0	0.0	2.2	0.0	0.0	0.0	7.8	0.0	0.0	0.0	8.6
16	0.0	0.0	0.0	2.6	0.0	0.0	0.0	6.6	0.0	0.0	0.0	4.5
17	0.0	0.0	0.0	5.2	0.0	0.0	0.0	8.3	1.3	0.0	1.3	6.0
18	0.0	0.0	0.0	9.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	3.8
19	0.0	0.0	0.0	9.9	0.0	0.0	0.0	3.5	11.5	0.0	11.5	1.2
20	0.0	0.0	0.0	10.7	0.0	0.0	0.0	10.9	9.8	0.0	9.8	.4
21	0.0	0.0	0.0	7.2	0.0	0.0	0.0	9.1	0.0	.8	.8	4.0
22	0.0	0.0	0.0	4.5	0.0	0.0	0.0	5.7	27.6	22.4	50.0	.5
23	0.0	0.0	0.0	11.2	0.0	0.0	0.0	3.8	22.8	32.3	55.1	.4
24	0.0	0.0	0.0	10.7	0.0	0.0	0.0	4.7	10.0	3.4	13.4	.1
25	0.0	0.0	0.0	1.5	0.0	0.0	0.0	7.8	.6	0.0	.6	3.5
26	0.0	0.0	0.0	9.1	0.0	0.0	0.0	7.0	.1	0.0	.1	.6
27	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	2.4
28	0.0	0.0	0.0	3.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	1.7
29	36.1	0.0	36.1	3.8	0.0	0.0	0.0	10.1	0.0	0.0	0.0	6.4
30	1.5	0.0	1.5	3.6	0.0	0.0	0.0	5.5	1.6	0.0	1.6	5.0
31	0.0	0.0	0.0	7.0	3.3	0.0	3.3	5.7				
	37.6	0.0	37.6	177.2	6.3	0.0	6.3	205.4	94.1	82.0	176.1	83.3

	Octubre				*Noviembre*				*Diciembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	2.8	0.0	2.8	2.8	.2	0.0	.2	1.6	9.1	11.0	20.1	3.6
2	2.8	0.0	2.8	2.7	.6	0.0	.6	5.3	6.6	1.3	7.9	3.4
3	0.0	0.0	0.0	.1	14.7	0.0	14.7	.6	0.0	0.0	0.0	2.6
4	0.0	0.0	0.0	4.1	17.4	0.0	17.4	2.5	0.0	0.0	0.0	7.3
5	0.0	0.0	0.0	3.4	0.0	12.2	12.2	4.2	0.0	0.0	0.0	8.1
6	0.0	0.0	0.0	1.9	13.2	0.0	13.2	1.1	0.0	0.0	0.0	5.7
7	0.0	0.0	0.0	6.0	1.4	17.3	18.7	.9	0.0	0.0	0.0	8.1
8	0.0	0.0	0.0	5.1	34.1	1.0	35.1	0.0	0.0	0.0	0.0	6.9
9	4.8	0.0	4.8	2.4	14.5	2.0	16.5	0.0	7.9	0.0	7.9	3.2
10	0.0	53.4	53.4	1.5	.8	1.2	2.0	1.1	1.5	0.0	1.5	2.2
11	3.5	50.4	53.9	1.2	22.9	6.1	29.0	1.6	1.7	0.0	1.7	3.3
12	1.2	51.4	52.6	2.7	11.1	70.2	81.3	1.1	.2	0.0	.2	4.0
13	.4	28.5	28.9	4.3	3.6	13.0	16.6	.2	0.0	0.0	0.0	6.0
14	0.0	7.0	7.0	7.8	17.8	4.0	21.8	1.4	6.2	3.6	9.8	3.9
15	0.0	0.0	0.0	5.0	11.8	0.0	11.8	1.9	.8	0.0	.8	.1
16	.6	13.7	14.3	.3	0.0	0.0	0.0	2.8	1.7	0.0	1.7	2.7
17	30.4	11.1	41.5	3.1	11.9	0.0	11.9	.6	2.7	0.0	2.7	2.4
18	14.3	4.1	18.4	.9	.2	0.0	.2	.6	5.0	0.0	5.0	2.7
19	0.0	0.0	0.0	3.3	6.0	0.0	6.0	.4	0.0	0.0	0.0	4.2
20	5.5	3.6	9.1	4.1	.2	0.0	.2	.9	0.0	0.0	0.0	2.3
21	3.3	23.6	26.9	1.9	20.7	0.0	20.7	3.0	0.0	0.0	0.0	6.3
22	.4	0.0	.4	.9	4.8	0.0	4.8	2.4	0.0	0.0	0.0	7.3
23	.2	0.0	.2	3.5	0.0	.1	.1	6.3	0.0	0.0	0.0	9.0
24	15.2	0.0	15.2	4.2	1.3	109.9	111.2	2.9	0.0	0.0	0.0	5.8
25	0.0	0.0	0.0	3.1	13.8	1.5	15.3	0.0	0.0	0.0	0.0	3.7
26	.5	0.0	.5	5.1	.6	9.8	10.4	1.1	0.0	0.0	0.0	4.1
27	22.8	0.0	22.8	2.6	0.0	0.0	0.0	3.7	9.0	0.0	9.0	4.0
28	0.0	5.2	5.2	.2	14.1	0.0	14.1	7.3	.9	0.0	.9	6.3
29	.3	0.0	.3	4.2	6.0	8.1	14.1	2.6	0.0	0.0	0.0	7.1
30	4.3	0.0	4.3	4.3	0.0	.2	.2	7.3	0.0	0.0	0.0	5.2
31	.8	0.0	.8	3.0					0.0	0.0	0.0	2.4
	114.1	252.0	366.1	95.7	243.7	256.6	500.3	65.4	53.3	15.9	69.2	143.9


Bremen
BRILLO SOLAR
(Horas)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 96


LLUVIA
(mm)
600
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 97

Estación : LA ELVIRA
Año : 1997

Dpto. : RISARALDA
Mpio. : BELEN DE UMBRIA

Latitud : 5 ° 12 ' N
Longitud : 75 ° 52 ' W
Altitud : 1520 m

Enero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	38.4	11.4	49.8	0.0
2	8.1	0.0	8.1	1.6
3	1.5	0.0	1.5	3.0
4	0.0	0.0	0.0	3.9
5	0.0	0.0	0.0	6.0
6	0.0	4.3	4.3	3.6
7	12.6	0.0	12.6	.2
8	0.0	3.5	3.5	5.9
9	0.0	5.6	5.6	1.9
10	61.9	6.1	68.0	.4
11	.3	0.0	.3	2.1
12	1.9	2.2	4.1	3.6
13	0.0	0.0	0.0	6.2
14	0.0	4.8	4.8	7.3
15	0.0	3.3	3.3	5.3
16	0.0	0.0	0.0	5.1
17	7.6	0.0	7.6	1.9
18	0.0	0.0	0.0	3.5
19	0.0	2.2	2.2	7.1
20	0.0	0.0	0.0	.3
21	.3	.1	.4	1.2
22	0.0	0.0	0.0	1.9
23	0.0	5.7	5.7	3.1
24	0.0	0.0	0.0	5.0
25	.2	13.6	13.8	3.6
26	.3	.4	.7	3.0
27	0.0	0.0	0.0	5.1
28	0.0	0.0	0.0	4.2
29	0.0	0.0	0.0	4.3
30	0.0	0.0	0.0	5.3
31	.9	.2	1.1	4.9
	134.0	63.4	197.4	110.5

Febrero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	0.0	0.0	2.0
2	4.4	.4	4.8	4.2
3	25.9	0.0	25.9	3.2
4	19.4	0.0	19.4	2.1
5	0.0	4.5	4.5	7.6
6	0.0	0.0	0.0	4.6
7	0.0	13.5	13.5	3.0
8	2.9	.7	3.6	2.2
9	.8	1.6	2.4	3.1
10	0.0	.6	.6	2.1
11	.9	6.6	7.5	.5
12	1.2	6.5	7.7	2.6
13	0.0	0.0	0.0	4.2
14	0.0	0.0	0.0	5.6
15	1.2	0.0	1.2	2.7
16	.4	0.0	.4	.7
17	.7	0.0	.7	4.0
18	1.6	0.0	1.6	5.6
19	0.0	0.0	0.0	4.4
20	11.5	0.0	11.5	4.4
21	0.0	0.0	0.0	8.0
22	0.0	0.0	0.0	2.7
23	0.0	0.0	0.0	3.2
24	.4	1.6	2.0	3.2
25	0.0	0.0	0.0	0.0
26	4.7	0.0	4.7	4.1
27	0.0	0.0	0.0	5.1
28	0.0	0.0	0.0	4.9
29				
30				
31				
	76.0	36.0	112.0	100.0

Marzo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	22.9	0.0	22.9	0.0
2	0.0	0.0	0.0	3.5
3	.1	0.0	.1	4.2
4	0.0	0.0	0.0	6.7
5	22.5	0.0	22.5	.4
6	0.0	0.0	0.0	6.5
7	0.0	0.0	0.0	8.2
8	0.0	0.0	0.0	6.5
9	0.0	0.0	0.0	8.2
10	0.0	0.0	0.0	6.4
11	0.0	8.0	8.0	3.8
12	.6	1.3	1.9	4.0
13	8.1	0.0	8.1	0.0
14	0.0	0.0	0.0	7.4
15	0.0	0.0	0.0	7.6
16	0.0	49.6	49.6	1.4
17	1.4	11.6	13.0	0.0
18	5.3	1.1	6.4	.6
19	1.8	0.0	1.8	.3
20	4.9	0.0	4.9	1.3
21	0.0	0.0	0.0	.7
22	0.0	0.0	0.0	7.0
23	.1	0.0	.1	3.1
24	0.0	0.0	0.0	8.5
25	0.0	0.0	0.0	7.9
26	0.0	0.0	0.0	6.1
27	0.0	0.0	0.0	6.1
28	0.0	0.0	0.0	6.6
29	0.0	0.0	0.0	2.6
30	2.5	0.0	2.5	3.4
31	0.0	0.0	0.0	3.7
	70.2	71.6	141.8	132.7

Abril

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	5.1	0.0	5.1	.9
2	.7	0.0	.7	6.8
3	0.0	6.3	6.3	8.0
4	0.0	0.0	0.0	3.8
5	2.3	.3	2.6	4.9
6	2.1	0.0	2.1	6.8
7	0.0	0.0	0.0	5.1
8	0.0	0.0	0.0	3.1
9	0.0	0.0	0.0	5.9
10	0.0	.3	.3	.4
11	0.0	0.0	0.0	.2
12	0.0	1.9	1.9	7.0
13	0.0	0.0	0.0	2.3
14	0.0	.8	.8	1.8
15	0.0	0.0	0.0	1.2
16	0.0	.8	.8	5.6
17	7.3	0.0	7.3	3.9
18	0.0	0.0	0.0	.9
19	6.8	28.7	35.5	4.3
20	2.2	6.4	8.6	.7
21	1.7	1.0	2.7	1.4
22	8.6	0.0	8.6	0.0
23	2.1	6.0	8.1	2.5
24	0.0	0.0	0.0	4.5
25	0.0	0.0	0.0	1.7
26	0.0	7.3	7.3	2.1
27	.8	3.5	4.3	4.1
28	0.0	0.0	0.0	6.9
29	0.0	0.0	0.0	9.1
30	0.0	0.0	0.0	1.1
31				
	39.7	63.3	103.0	107.0

Mayo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	5.4	0.0	5.4	6.3
2	0.0	0.0	0.0	2.2
3	0.0	2.6	2.6	6.7
4	0.0	0.0	0.0	2.2
5	0.0	0.0	0.0	7.3
6	0.0	27.4	27.4	1.3
7	3.3	0.0	3.3	3.6
8	0.0	5.3	5.3	6.4
9	0.0	.1	.1	1.0
10	0.0	13.8	13.8	4.2
11	.9	0.0	.9	.8
12	2.4	2.7	5.1	3.8
13	0.0	.1	.1	4.0
14	0.0	.1	.1	1.6
15	0.0	0.0	0.0	4.3
16	0.0	0.0	0.0	5.4
17	0.0	0.0	0.0	5.6
18	0.0	0.0	0.0	7.7
19	0.0	0.0	0.0	2.8
20	0.0	0.0	0.0	5.5
21	0.0	11.6	11.6	4.1
22	0.0	0.0	0.0	3.7
23	0.0	0.0	0.0	10.0
24	2.2	0.0	2.2	2.3
25	4.9	0.0	4.9	.3
26	.2	12.8	13.0	.6
27	.3	0.0	.3	2.4
28	44.6	0.0	44.6	3.1
29	0.0	2.8	2.8	2.8
30	9.8	0.0	9.8	.7
31	0.0	10.8	10.8	1.9
	74.0	90.1	164.1	114.6

Junio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	9.8	9.8	4.4
2	0.0	0.0	0.0	4.1
3	0.0	.6	.6	3.8
4	33.2	0.0	33.2	0.0
5	0.0	0.0	0.0	3.9
6	0.0	12.2	12.2	1.4
7	8.0	52.5	60.5	.5
8	0.0	0.0	0.0	.6
9	4.3	16.0	20.3	3.6
10	0.0	0.0	0.0	4.7
11	0.0	16.7	16.7	2.5
12	0.0	0.0	0.0	5.9
13	4.5	.8	5.3	1.0
14	0.0	0.0	0.0	6.1
15	0.0	0.0	0.0	5.0
16	0.0	0.0	0.0	5.0
17	0.0	.9	.9	2.1
18	0.0	6.6	6.6	.9
19	3.8	0.0	3.8	1.0
20	0.0	0.0	0.0	6.2
21	0.0	0.0	0.0	6.3
22	0.0	0.0	0.0	9.0
23	0.0	0.0	0.0	4.3
24	0.0	6.6	6.6	1.4
25	1.7	4.2	5.9	2.3
26	1.5	.9	2.4	2.2
27	0.0	0.0	0.0	4.2
28	0.0	0.0	0.0	7.4
29	0.0	12.9	12.9	7.8
30	0.0	12.4	12.4	8.0
31				
	57.0	153.1	210.1	115.6

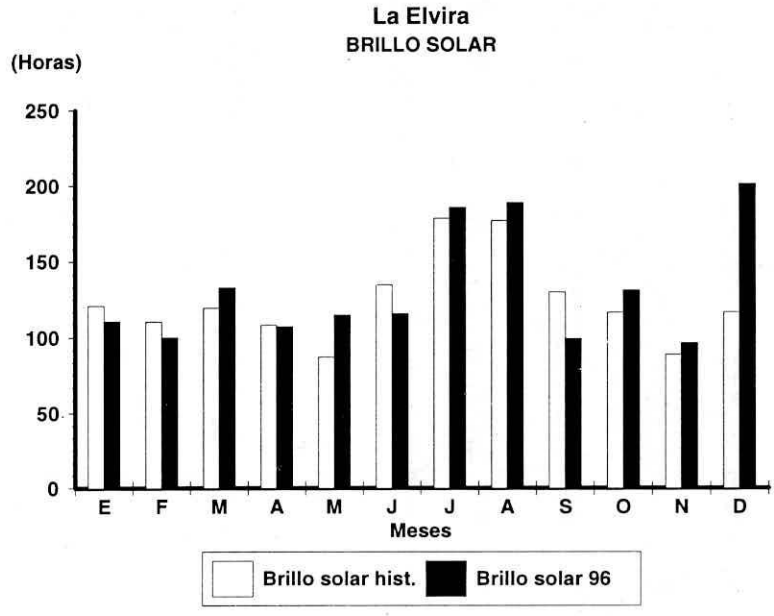
Estación : LA ELVIRA
Año : 1997

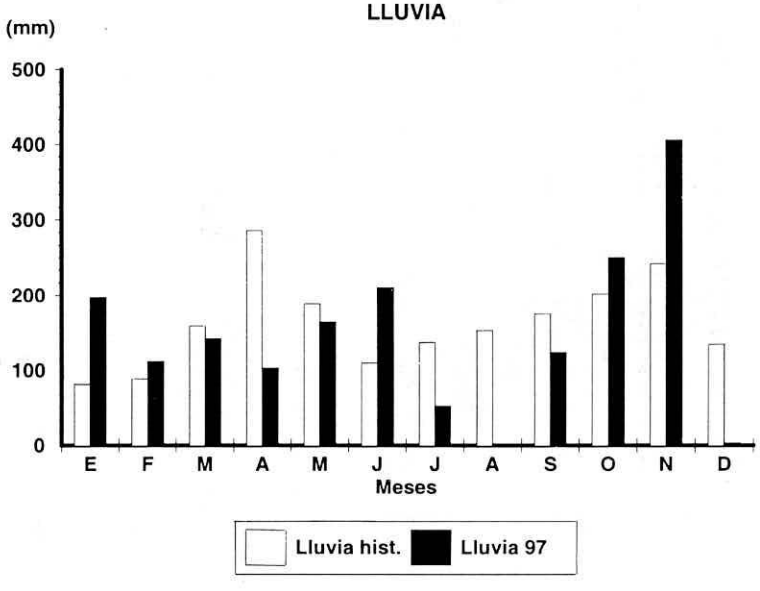
Dpto. : RISARALDA
Mpio. : BELEN DE UMBRIA

Latitud : 5 ° 12 ' N
Longitud : 75 ° 52 ' W
Altitud : 1520 m

	Julio				*Agosto*				*Septiembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	0.0	0.0	0.0	5.9	0.0	0.0	0.0	9.6	0.0	4.5	4.5	2.2
2	0.0	0.0	0.0	9.0	0.0	0.0	0.0	3.2	.6	0.0	.6	4.1
3	0.0	0.0	0.0	5.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	3.6
4	0.0	0.0	0.0	9.2	0.0	0.0	0.0	6.5	0.0	0.0	0.0	8.8
5	0.0	0.0	0.0	3.1	0.0	0.0	0.0	8.8	0.0	41.9	41.9	3.9
6	0.0	0.0	0.0	7.9	0.0	0.0	0.0	2.9	0.0	0.0	0.0	4.8
7	.2	0.0	.2	6.7	0.0	0.0	0.0	4.2	.4	7.2	7.6	4.1
8	0.0	24.2	24.2	3.0	0.0	0.0	0.0	7.0	0.0	14.4	14.4	2.5
9	0.0	.2	.2	2.5	0.0	0.0	0.0	2.5	1.7	0.0	1.7	1.7
10	0.0	1.3	1.3	6.8	0.0	0.0	0.0	5.1	0.0	0.0	0.0	5.5
11	0.0	0.0	0.0	5.8	0.0	.5	.5	5.2	0.0	0.0	0.0	2.3
12	0.0	0.0	0.0	6.8	0.0	0.0	0.0	5.3	0.0	0.0	0.0	5.0
13	.2	0.0	.2	7.5	0.0	0.0	0.0	3.5	0.0	0.0	0.0	.3
14	0.0	0.0	0.0	6.1	0.0	0.0	0.0	3.8	7.0	0.0	7.0	2.8
15	0.0	.8	.8	5.5	0.0	0.0	0.0	9.4	0.0	0.0	0.0	6.9
16	0.0	0.0	0.0	3.5	0.0	0.0	0.0	7.2	0.0	0.0	0.0	2.3
17	0.0	0.0	0.0	8.3	0.0	0.0	0.0	6.4	0.0	0.0	0.0	2.2
18	0.0	0.0	0.0	9.7	0.0	.3	.3	7.0	0.0	0.0	0.0	4.2
19	0.0	0.0	0.0	10.1	0.0	0.0	0.0	1.9	0.0	.5	.5	3.3
20	0.0	0.0	0.0	7.8	0.0	0.0	0.0	7.4	1.4	0.0	1.4	1.2
21	0.0	0.0	0.0	8.2	0.0	0.0	0.0	9.7	.5	7.0	7.5	.6
22	0.0	0.0	0.0	2.7	0.0	0.0	0.0	5.9	0.0	4.5	4.5	1.9
23	0.0	0.0	0.0	8.4	0.0	0.0	0.0	7.2	2.8	9.3	12.1	1.2
24	0.0	0.0	0.0	9.2	0.0	1.0	1.0	7.4	1.6	9.3	10.9	2.2
25	0.0	0.0	0.0	.1	.1	0.0	.1	8.2	0.0	8.5	8.5	3.4
26	0.0	0.0	0.0	6.5	0.0	.2	.2	5.1	0.0	0.0	0.0	3.4
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	1.3
28	0.0	0.0	0.0	2.0	0.0	0.0	0.0	7.6	.4	0.0	.4	1.6
29	20.4	3.0	23.4	5.5	0.0	0.0	0.0	8.5	0.0	0.0	0.0	5.1
30	0.0	0.0	0.0	5.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	6.8
31	0.0	1.7	1.7	7.9	0.0	0.0	0.0	6.3				
	20.8	31.2	52.0	185.7	.1	2.0	2.1	189.0	16.4	107.1	123.5	99.2

	Octubre				*Noviembre*				*Diciembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	4.0	0.0	4.0	5.7	0.0	0.0	0.0	3.5	0.0	3.2	3.2	4.8
2	2.1	2.5	4.6	3.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	4.3
3	4.3	0.0	4.3	.7	0.0	0.0	0.0	2.8	0.0	0.0	0.0	8.0
4	0.0	30.0	30.0	4.5	1.9	.6	2.5	1.2	0.0	0.0	0.0	7.5
5	0.0	0.0	0.0	2.2	0.0	1.4	1.4	5.2	0.0	0.0	0.0	8.0
6	0.0	0.0	0.0	4.5	21.8	0.0	21.8	2.1	0.0	0.0	0.0	6.4
7	0.0	0.0	0.0	8.3	16.7	97.3	114.0	2.3	0.0	0.0	0.0	7.0
8	0.0	0.0	0.0	.4	10.6	24.3	34.9	.8	.1	0.0	.1	6.3
9	0.0	1.7	1.7	7.2	4.9	15.1	20.0	0.0	0.0	0.0	0.0	7.8
10	0.0	.7	.7	4.8	0.0	15.8	15.8	3.0	0.0	0.0	0.0	6.3
11	0.0	18.4	18.4	1.4	0.0	10.4	10.4	6.5	0.0	0.0	0.0	3.9
12	.2	11.9	12.1	4.3	25.6	9.7	35.3	2.7	0.0	0.0	0.0	6.0
13	.7	9.2	9.9	5.6	11.0	0.0	11.0	.4	0.0	0.0	0.0	6.0
14	0.0	0.0	0.0	5.4	8.7	1.5	10.2	2.3	0.0	0.0	0.0	7.5
15	0.0	0.0	0.0	2.4	5.0	1.6	6.6	1.4	0.0	0.0	0.0	6.7
16	0.0	1.4	1.4	2.3	0.0	0.0	0.0	5.3	0.0	0.0	0.0	6.7
17	.2	3.1	3.3	4.0	7.0	0.0	7.0	1.2	0.0	0.0	0.0	6.2
18	25.4	3.0	28.4	5.0	1.7	0.0	1.7	4.9	0.0	0.0	0.0	5.3
19	0.0	0.0	0.0	3.7	0.0	1.2	1.2	5.2	0.0	0.0	0.0	7.9
20	0.0	2.3	2.3	4.9	0.0	0.0	0.0	3.0	0.0	0.0	0.0	6.4
21	10.3	53.1	63.4	4.9	0.0	0.0	0.0	5.3	0.0	0.0	0.0	7.8
22	.4	0.0	.4	2.1	0.0	1.1	1.1	6.0	0.0	0.0	0.0	7.5
23	0.0	0.0	0.0	6.6	0.0	0.0	0.0	1.5	0.0	0.0	0.0	8.9
24	0.0	0.0	0.0	7.7	5.4	62.3	67.7	0.0	0.0	0.0	0.0	2.9
25	0.0	0.0	0.0	8.5	16.9	17.3	34.2	0.0	0.0	0.0	0.0	2.1
26	0.0	0.0	0.0	4.1	3.2	0.0	3.2	0.0	0.0	0.0	0.0	8.4
27	29.8	0.0	29.8	5.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	8.3
28	0.0	14.3	14.3	3.4	0.0	0.0	0.0	8.5	0.0	0.0	0.0	7.5
29	0.0	.1	.1	2.7	0.0	0.0	0.0	4.0	0.0	0.0	0.0	6.8
30	0.0	0.0	0.0	4.0	0.0	4.8	4.8	6.2	0.0	0.0	0.0	8.1
31	20.2	0.0	20.2	1.8					0.0	0.0	0.0	4.2
	97.6	151.7	249.3	131.1	140.4	264.4	404.8	96.3	.1	3.2	3.3	201.5


La Elvira
BRILLO SOLAR
(Horas)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 96


LLUVIA
(mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 97

Estación : AGUASBLANCAS
Año : 1997

Dpto. : SANTANDER
Mpio. : SAN VICENTE DE CHUCU

Latitud : 6 ° 50 ' N
Longitud : 73 ° 29 ' W
Altitud : 920 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	10.7	10.7	3.0
2	0.0	0.0	0.0	.8
3	0.0	0.0	0.0	4.1
4	0.0	0.0	0.0	5.3
5	0.0	0.0	0.0	7.7
6	0.0	0.0	0.0	5.9
7	0.0	0.0	0.0	3.9
8	0.0	0.0	0.0	3.4
9	0.0	29.7	29.7	2.8
10	0.0	4.3	4.3	1.1
11	1.4	0.0	1.4	1.5
12	0.0	0.0	0.0	1.4
13	0.0	0.0	0.0	6.8
14	.2	0.0	.2	3.1
15	0.0	0.0	0.0	2.7
16	0.0	4.9	4.9	2.3
17	0.0	0.0	0.0	1.8
18	0.0	.5	.5	5.5
19	0.0	0.0	0.0	3.6
20	0.0	0.0	0.0	5.2
21	0.0	0.0	0.0	7.0
22	0.0	0.0	0.0	8.4
23	0.0	0.0	0.0	8.3
24	0.0	.3	.3	6.5
25	0.0	0.0	0.0	4.5
26	0.0	6.2	6.2	6.2
27	0.0	0.0	0.0	5.8
28	0.0	0.0	0.0	6.7
29	0.0	0.0	0.0	7.9
30	0.0	0.0	0.0	6.0
31	0.0	6.6	6.6	2.8
	1.6	63.2	64.8	142.0

Febrero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	5.4
2	0.0	0.0	0.0	4.0
3	0.0	15.0	15.0	3.1
4	0.0	43.0	43.0	.7
5	0.0	0.0	0.0	1.6
6	0.0	0.0	0.0	5.1
7	0.0	15.0	15.0	3.8
8	0.0	0.0	0.0	3.8
9	0.0	7.0	7.0	2.8
10	0.0	4.0	4.0	4.5
11	0.0	3.0	3.0	.2
12	0.0	0.0	0.0	1.1
13	0.0	0.0	0.0	5.2
14	0.0	7.0	7.0	6.3
15	0.0	28.0	28.0	5.8
16	0.0	2.0	2.0	1.5
17	0.0	0.0	0.0	.3
18	0.0	0.0	0.0	2.1
19	0.0	0.0	0.0	4.7
20	0.0	0.0	0.0	5.0
21	0.0	0.0	0.0	6.2
22	0.0	0.0	0.0	5.4
23	0.0	1.7	1.7	.9
24	1.5	0.0	1.5	1.1
25	0.0	0.0	0.0	1.9
26	.3	0.0	.3	1.7
27	0.0	0.0	0.0	6.2
28	17.4	0.0	17.4	7.1
29				
30				
31				
	19.2	125.7	144.9	97.5

Marzo

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	8.6	8.6	4.2
2	0.0	0.0	0.0	8.6
3	0.0	0.0	0.0	9.6
4	0.0	0.0	0.0	7.5
5	0.0	0.0	0.0	8.2
6	0.0	0.0	0.0	8.8
7	0.0	0.0	0.0	7.9
8	0.0	0.0	0.0	9.5
9	0.0	0.0	0.0	8.0
10	0.0	1.2	1.2	5.3
11	0.0	0.0	0.0	2.2
12	0.0	10.5	10.5	.5
13	.6	0.0	.6	0.0
14	0.0	0.0	0.0	7.2
15	0.0	77.0	77.0	5.7
16	0.0	0.0	0.0	.3
17	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	.6
19	6.7	0.0	6.7	1.4
20	0.0	0.0	0.0	4.2
21	0.0	38.8	38.8	4.3
22	0.0	4.0	4.0	3.1
23	0.0	0.0	0.0	5.1
24	0.0	.7	.7	4.7
25	0.0	22.9	22.9	4.5
26	1.9	15.2	17.1	.3
27	0.0	16.8	16.8	2.9
28	5.5	0.0	5.5	3.3
29	0.0	0.0	0.0	3.9
30	0.0	1.0	1.0	3.9
31	0.0	6.4	6.4	4.0
	14.7	203.1	217.8	139.7

Abril

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	1.4
2	0.0	0.0	0.0	5.2
3	0.0	2.9	2.9	3.1
4	0.0	1.9	1.9	3.1
5	0.0	0.0	0.0	7.3
6	0.0	5.8	5.8	1.8
7	0.0	0.0	0.0	4.6
8	0.0	102.5	102.5	3.7
9	1.4	.3	1.7	.3
10	.5	.9	1.4	4.8
11	.3	0.0	.3	1.9
12	0.0	7.9	7.9	6.6
13	0.0	0.0	0.0	2.3
14	0.0	0.0	0.0	.8
15	1.3	0.0	1.3	1.6
16	0.0	.1	.1	5.7
17	1.5	.2	1.7	2.0
18	12.2	0.0	12.2	.5
19	0.0	.2	.2	0.0
20	1.0	25.0	26.0	1.3
21	.6	12.1	12.7	1.4
22	10.0	.1	10.1	2.4
23	0.0	0.0	0.0	4.7
24	0.0	18.8	18.8	5.6
25	1.1	2.2	3.3	2.1
26	0.0	9.1	9.1	4.2
27	0.0	1.1	1.1	6.8
28	0.0	0.0	0.0	4.9
29	0.0	0.0	0.0	7.4
30	0.0	0.0	0.0	1.4
31				
	29.9	191.1	221.0	98.9

Mayo

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	4.9
2	0.0	0.0	0.0	7.8
3	2.4	0.0	2.4	3.3
4	0.0	0.0	0.0	6.0
5	20.5	52.8	73.3	2.7
6	1.0	.2	1.2	6.0
7	2.2	0.0	2.2	.4
8	0.0	5.8	5.8	6.5
9	0.0	.6	.6	6.5
10	0.0	10.9	10.9	4.4
11	0.0	0.0	0.0	.2
12	0.0	3.6	3.6	8.8
13	0.0	.7	.7	4.1
14	0.0	0.0	0.0	5.3
15	0.0	0.0	0.0	8.6
16	19.0	18.6	37.6	7.1
17	0.0	.7	.7	9.5
18	0.0	0.0	0.0	9.3
19	0.0	0.0	0.0	4.1
20	0.0	0.0	0.0	2.7
21	2.6	2.9	5.5	5.2
22	0.0	.4	.4	1.9
23	0.0	0.0	0.0	3.8
24	0.0	20.8	20.8	8.3
25	0.0	4.1	4.1	1.2
26	1.0	9.9	10.9	.7
27	0.0	0.0	0.0	1.4
28	.3	2.7	3.0	1.3
29	0.0	0.0	0.0	3.2
30	0.0	1.9	1.9	.4
31	38.0	0.0	38.0	2.8
	87.0	136.6	223.6	138.4

Junio

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	.8
2	0.0	0.0	0.0	5.6
3	0.0	.2	.2	6.8
4	.4	.2	.6	0.0
5	.2	1.3	1.5	4.4
6	0.0	1.2	1.2	1.4
7	1.4	23.8	25.2	3.0
8	1.7	0.0	1.7	.6
9	0.0	1.0	1.0	2.3
10	0.0	1.8	1.8	6.2
11	0.0	.8	.8	5.4
12	0.0	0.0	0.0	1.1
13	0.0	11.5	11.5	4.1
14	0.0	0.0	0.0	1.8
15	.3	0.0	.3	6.2
16	0.0	0.0	0.0	5.5
17	0.0	0.0	0.0	5.5
18	.5	1.4	1.9	3.8
19	0.0	0.0	0.0	2.0
20	0.0	.2	.2	6.7
21	0.0	0.0	0.0	3.7
22	0.0	0.0	0.0	6.2
23	0.0	0.0	0.0	5.6
24	0.0	0.0	0.0	1.3
25	1.9	10.3	12.2	.9
26	7.0	1.4	8.4	1.2
27	0.0	0.0	0.0	.7
28	0.0	5.0	5.0	6.9
29	0.0	0.0	0.0	6.0
30	.2	.1	.3	2.3
31				
	13.6	60.2	73.8	108.0

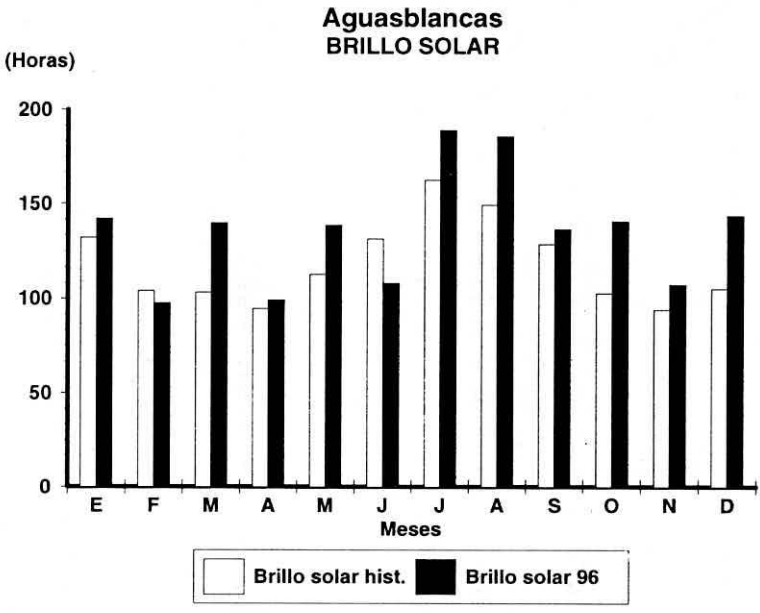
Estación : AGUASBLANCAS
Año : 1997

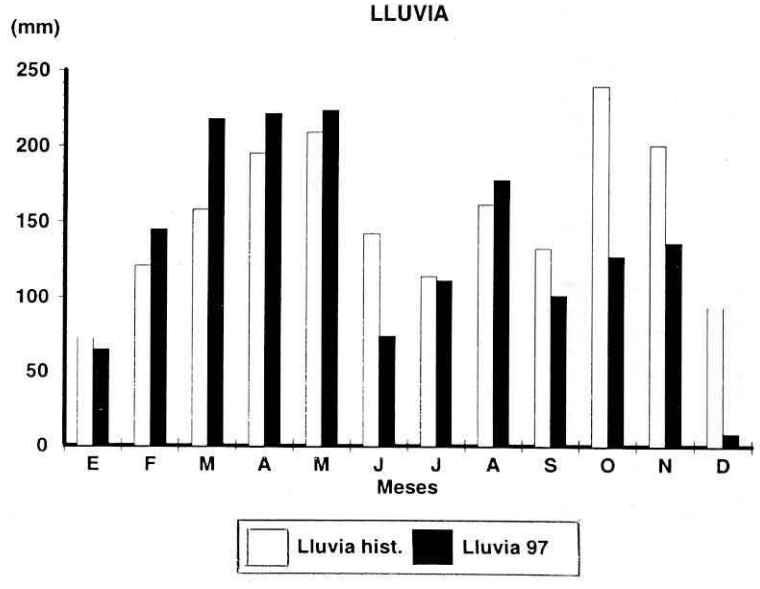
Dpto. : SANTANDER
Mpio. : SAN VICENTE DE CHUCU

Latitud : 6 ° 50 ' N
Longitud : 73 ° 29 ' W
Altitud : 920 m

	Julio				*Agosto*				*Septiembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	0.0	0.0	0.0	6.7	0.0	1.2	1.2	9.7	1.9	3.3	5.2	2.0
2	0.0	0.0	0.0	7.4	.1	12.0	12.1	6.6	.8	1.8	2.6	6.5
3	0.0	.2	.2	6.5	0.0	0.0	0.0	7.7	.3	0.0	.3	7.5
4	0.0	0.0	0.0	7.3	0.0	2.4	2.4	9.6	0.0	0.0	0.0	7.2
5	1.0	0.0	1.0	4.3	.7	0.0	.7	5.4	0.0	0.0	0.0	4.9
6	0.0	0.0	0.0	7.1	4.7	0.0	4.7	6.1	0.0	3.5	3.5	4.7
7	.5	.5	1.0	6.0	0.0	0.0	0.0	3.5	0.0	14.5	14.5	5.3
8	0.0	0.0	0.0	7.5	0.0	1.9	1.9	8.0	0.0	0.0	0.0	2.1
9	.5	.6	1.1	3.9	0.0	31.1	31.1	5.7	0.0	0.0	0.0	7.3
10	0.0	.2	.2	6.8	0.0	0.0	0.0	4.3	0.0	0.0	0.0	4.4
11	0.0	0.0	0.0	2.4	0.0	.2	.2	5.0	1.0	0.0	1.0	6.5
12	1.8	0.0	1.8	3.3	0.0	.2	.2	1.7	0.0	0.0	0.0	8.1
13	0.0	0.0	0.0	10.0	0.0	0.0	0.0	3.9	0.0	.6	.6	5.7
14	0.0	0.0	0.0	3.2	4.2	0.0	4.2	5.6	.6	6.3	6.9	4.8
15	.2	1.6	1.8	4.5	1.2	0.0	1.2	3.6	.1	0.0	.1	3.6
16	0.0	0.0	0.0	4.7	0.0	0.0	0.0	6.3	0.0	0.0	0.0	5.4
17	1.2	2.1	3.3	3.8	0.0	0.0	0.0	.6	.2	2.7	2.9	5.4
18	0.0	0.0	0.0	6.7	0.0	0.0	0.0	6.8	.9	2.2	3.1	4.3
19	1.0	0.0	1.0	8.8	2.4	0.0	2.4	1.5	0.0	.3	.3	7.8
20	49.2	0.0	49.2	6.2	0.0	0.0	0.0	10.3	0.0	.1	.1	2.7
21	10.5	0.0	10.5	6.1	0.0	0.0	0.0	8.7	.5	4.0	4.5	4.1
22	0.0	0.0	0.0	7.6	2.0	.7	2.7	4.9	0.0	36.5	36.5	1.5
23	0.0	0.0	0.0	8.5	.2	66.2	66.4	6.9	0.0	1.6	1.6	1.8
24	2.9	8.0	10.9	7.9	0.0	0.0	0.0	8.0	.4	5.5	5.9	1.3
25	0.0	0.0	0.0	6.6	0.0	0.0	0.0	7.2	3.0	0.0	3.0	2.3
26	0.0	.6	.6	9.4	.9	44.3	45.2	6.0	0.0	1.8	1.8	1.5
27	0.0	0.0	0.0	6.8	0.0	0.0	0.0	2.6	0.0	0.0	0.0	3.0
28	11.4	0.0	11.4	.9	0.0	0.0	0.0	9.3	.6	6.0	6.6	2.9
29	.1	0.0	.1	6.2	0.0	0.0	0.0	9.0	0.0	0.0	0.0	3.9
30	.2	.2	.4	4.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	7.6
31	16.7	0.0	16.7	7.7	.2	.3	.5	5.6				
	97.2	14.0	111.2	188.8	16.6	160.5	177.1	185.6	10.3	90.7	101.0	136.1

	Octubre				*Noviembre*				*Diciembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	0.0	1.7	1.7	4.6	0.0	0.0	0.0	1.4	0.0	0.0	0.0	2.8
2	.5	3.2	3.7	3.6	0.0	0.0	0.0	7.6	0.0	0.0	0.0	4.3
3	.8	0.0	.8	1.8	.4	.6	1.0	6.0	0.0	0.0	0.0	8.3
4	0.0	0.0	0.0	7.6	0.0	0.0	0.0	1.5	0.0	0.0	0.0	4.8
5	0.0	0.0	0.0	2.4	0.0	0.0	0.0	3.1	0.0	0.0	0.0	6.7
6	0.0	0.0	0.0	5.7	.5	2.8	3.3	3.2	0.0	0.0	0.0	6.1
7	0.0	0.0	0.0	7.0	.2	1.4	1.6	1.3	3.6	0.0	3.6	3.1
8	0.0	1.7	1.7	7.7	0.0	.4	.4	.3	0.0	0.0	0.0	6.2
9	0.0	16.1	16.1	6.9	9.2	0.0	9.2	0.0	0.0	0.0	0.0	6.4
10	0.0	4.4	4.4	4.4	0.0	0.0	0.0	.6	0.0	0.0	0.0	6.4
11	0.0	0.0	0.0	1.4	0.0	7.7	7.7	6.4	0.0	0.0	0.0	5.0
12	.2	3.2	3.4	2.6	0.0	0.0	0.0	5.3	0.0	0.0	0.0	7.1
13	4.0	3.7	7.7	2.5	.4	34.5	34.9	4.6	0.0	0.0	0.0	4.4
14	0.0	0.0	0.0	2.6	30.0	0.0	30.0	3.7	0.0	3.4	3.4	5.7
15	0.0	0.0	0.0	1.4	0.0	0.0	0.0	1.7	0.0	0.0	0.0	.5
16	.3	81.4	81.7	3.5	0.0	0.0	0.0	3.7	0.0	0.0	0.0	1.4
17	0.0	0.0	0.0	3.6	0.0	.2	.2	4.0	.2	0.0	.2	3.2
18	.3	.3	.6	1.6	0.0	0.0	0.0	5.3	0.0	0.0	0.0	5.7
19	0.0	.5	.5	5.9	0.0	.2	.2	5.2	0.0	0.0	0.0	2.3
20	0.0	0.0	0.0	2.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0	4.4
21	0.0	2.7	2.7	3.8	0.0	0.0	0.0	4.0	0.0	0.0	0.0	5.4
22	0.0	0.0	0.0	6.2	0.0	0.0	0.0	5.1	0.0	0.0	0.0	1.2
23	0.0	0.0	0.0	3.1	0.0	0.0	0.0	5.4	0.0	0.0	0.0	4.5
24	0.0	0.0	0.0	9.3	0.0	0.0	0.0	2.2	0.0	0.0	0.0	8.1
25	0.0	0.0	0.0	8.6	0.0	33.0	33.0	2.2	0.0	0.0	0.0	5.4
26	0.0	0.0	0.0	6.8	12.2	0.0	12.2	.3	0.0	0.0	0.0	4.6
27	0.0	0.0	0.0	6.6	0.0	0.0	0.0	6.7	0.0	0.0	0.0	5.7
28	.6	0.0	.6	4.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	4.1
29	1.2	0.0	1.2	1.3	1.3	.2	1.5	5.0	0.0	.4	.4	3.6
30	0.0	0.0	0.0	6.4	0.0	.6	.6	3.5	.7	0.0	.7	2.9
31	0.0	0.0	0.0	5.1					0.0	0.0	0.0	3.1
	7.9	118.9	126.8	140.4	54.2	81.6	135.8	107.1	4.5	3.8	8.3	143.4


Aguasblancas
BRILLO SOLAR
(Horas)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 96


LLUVIA
(mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 97

Estación : LUIS BUSTAMANTE
Año : 1997

Dpto. : TOLIMA
Mpio. : VILLARRICA

Latitud : 3 ° 55 ' N
Longitud : 74 ° 34 ' W
Altitud : 1610 m

Enero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	1.5	1.5	2.3
2	5.0	0.0	5.0	0.0
3	0.0	1.2	1.2	.8
4	0.0	0.0	0.0	3.5
5	0.0	0.0	0.0	2.0
6	1.3	0.0	1.3	3.0
7	0.0	5.4	5.4	2.4
8	0.0	0.0	0.0	2.8
9	7.9	0.0	7.9	0.0
10	.8	15.6	16.4	.4
11	8.9	18.2	27.1	1.7
12	45.0	0.0	45.0	3.6
13	0.0	0.0	0.0	3.1
14	0.0	0.0	0.0	1.9
15	.3	9.8	10.1	3.2
16	14.0	5.2	19.2	3.4
17	6.9	0.0	6.9	1.3
18	4.6	.1	4.7	2.8
19	4.5	7.6	12.1	1.1
20	16.3	.2	16.5	0.0
21	0.0	0.0	0.0	0.0
22	0.0	6.3	6.3	3.4
23	.6	4.0	4.6	2.0
24	2.2	0.0	2.2	.7
25	0.0	5.8	5.8	1.3
26	.4	.2	.6	1.7
27	.9	.9	1.8	1.7
28	0.0	.2	.2	1.5
29	5.4	0.0	5.4	4.7
30	1.4	21.1	22.5	3.1
31	0.0	0.0	0.0	5.3
	126.4	103.3	229.7	64.7

Febrero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	5.7	0.0	5.7	2.8
2	0.0	0.0	0.0	3.3
3	6.1	0.0	6.1	3.6
4	23.7	0.0	23.7	2.6
5	0.0	0.0	0.0	1.0
6	2.5	.2	2.7	.7
7	12.7	0.0	12.7	4.6
8	0.0	0.0	0.0	1.1
9	0.0	.8	.8	1.1
10	1.2	0.0	1.2	.7
11	3.6	.7	4.3	.4
12	8.8	0.0	8.8	1.6
13	0.0	.6	.6	5.2
14	0.0	0.0	0.0	2.5
15	4.7	0.0	4.7	4.0
16	.6	0.0	.6	.2
17	2.5	.6	3.1	1.8
18	1.3	0.0	1.3	2.6
19	0.0	0.0	0.0	1.8
20	0.0	0.0	0.0	5.0
21	0.0	0.0	0.0	3.5
22	0.0	0.0	0.0	3.9
23	10.2	0.0	10.2	3.1
24	.3	.1	.4	1.9
25	0.0	0.0	0.0	1.6
26	.7	0.0	.7	2.3
27	0.0	0.0	0.0	3.9
28	0.0	0.0	0.0	7.4
29				
30				
31				
	84.6	3.0	87.6	74.2

Marzo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	.1	0.0	.1	
2	0.0	35.0	35.0	
3	0.0	60.0	60.0	
4	.7	0.0	.7	
5	0.0	0.0	0.0	
6	0.0	0.0	0.0	
7	0.0	0.0	0.0	
8	0.0	0.0	0.0	
9	0.0	0.0	0.0	
10	2.2	0.0	2.2	
11	4.3	0.0	4.3	
12	0.0	25.0	25.0	
13	20.0	0.0	20.0	
14	0.0	0.0	0.0	
15	0.0	5.0	5.0	
16	15.0	0.0	15.0	
17	20.0	0.0	20.0	
18	7.5	1.0	8.5	
19	100.0	0.0	100.0	
20	0.0	0.0	0.0	
21	4.8	0.0	4.8	
22	0.0	0.0	0.0	
23	0.0	0.0	0.0	
24	0.0	.2	.2	
25	0.0	.3	.3	
26	11.7	0.0	11.7	
27	0.0	0.0	0.0	
28	0.0	1.4	1.4	
29	6.4	.6	7.0	
30	1.7	.4	2.1	
31	11.7	.4	12.1	
	206.1	129.3	335.4	

Abril

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	2.5	.5	3.0	.8
2	0.0	0.0	0.0	1.2
3	.9	0.0	.9	1.0
4	.3	0.0	.3	.2
5	.3	0.0	.3	2.0
6	5.9	1.5	7.4	.7
7	.4	.2	.6	3.8
8	12.2	0.0	12.2	1.0
9	3.7	.3	4.0	3.3
10	3.6	0.0	3.6	.5
11	7.5	0.0	7.5	.9
12	.8	0.0	.8	2.1
13	1.0	0.0	1.0	4.8
14	.9	0.0	.9	3.5
15	11.5	1.2	12.7	2.0
16	0.0	0.0	0.0	4.0
17	4.2	9.2	13.4	3.2
18	3.9	1.2	5.1	.4
19	.6	0.0	.6	.7
20	2.0	1.7	3.7	.1
21	2.7	0.0	2.7	1.0
22	14.3	0.0	14.3	.1
23	.4	.2	.6	2.8
24	0.0	1.3	1.3	3.1
25	3.3	0.0	3.3	.1
26	.4	0.0	.4	4.2
27	0.0	0.0	0.0	3.0
28	7.9	0.0	7.9	5.8
29	0.0	0.0	0.0	4.9
30	.1	0.0	.1	3.0
31				
	91.3	17.3	108.6	64.2

Mayo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	.5	0.0	.5	2.4
2	0.0	0.0	0.0	2.2
3	.5	16.5	17.0	2.5
4	1.0	0.0	1.0	.5
5	6.4	.1	6.5	.7
6	.1	4.2	4.3	2.4
7	0.0	0.0	0.0	1.8
8	42.7	0.0	42.7	1.4
9	0.0	0.0	0.0	4.9
10	1.1	0.0	1.1	2.2
11	2.0	5.9	7.9	2.1
12	12.2	0.0	12.2	.6
13	2.7	0.0	2.7	4.4
14	4.0	0.0	4.0	2.2
15	3.9	0.0	3.9	2.7
16	2.8	0.0	2.8	3.7
17	.1	0.0	.1	5.7
18	5.5	.9	6.4	4.1
19	.1	0.0	.1	3.0
20	0.0	4.5	4.5	3.7
21	.2	0.0	.2	.5
22	0.0	0.0	0.0	3.5
23	.1	0.0	.1	3.8
24	.2	0.0	.2	3.2
25	0.0	0.0	0.0	4.0
26	6.4	.6	7.0	2.9
27	4.1	18.3	22.4	.1
28	0.0	0.0	0.0	.7
29	23.1	0.0	23.1	1.8
30	0.0	.8	.8	2.1
31	.8	0.0	.8	4.2
	120.5	51.8	172.3	80.0

Junio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	4.5	0.0	4.5	1.8
2	2.2	0.0	2.2	1.0
3	0.0	0.0	0.0	4.5
4	.3	14.6	14.9	4.4
5	2.5	3.0	5.5	.1
6	4.6	.3	4.9	4.0
7	8.6	0.0	8.6	1.4
8	0.0	0.0	0.0	1.4
9	3.2	0.0	3.2	.1
10	2.0	0.0	2.0	2.8
11	0.0	1.3	1.3	4.2
12	1.9	0.0	1.9	.8
13	3.6	0.0	3.6	.7
14	.9	0.0	.9	1.2
15	.2	0.0	.2	1.7
16	0.0	0.0	0.0	4.5
17	15.7	0.0	15.7	5.1
18	5.6	0.0	5.6	1.8
19	.2	1.2	1.4	2.2
20	0.0	.1	.1	5.2
21	0.0	0.0	0.0	6.3
22	0.0	0.0	0.0	6.2
23	.4	0.0	.4	5.0
24	0.0	0.0	0.0	.3
25	.3	13.6	13.9	2.3
26	.9	0.0	.9	.8
27	.7	0.0	.7	4.7
28	0.0	0.0	0.0	4.2
29	1.3	0.0	1.3	8.1
30	0.0	.6	.6	7.5
31				
	59.6	34.7	94.3	94.3

Estación : LUIS BUSTAMANTE
Año : 1997

Dpto. : TOLIMA
Mpio. : VILLARRICA

Latitud : 3 ° 55 ' N
Longitud : 74 ° 34 ' W
Altitud : 1610 m

Julio

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	1.7	0.0	1.7	.7
2	0.0	.4	.4	1.3
3	0.0	0.0	0.0	2.0
4	.2	0.0	.2	2.4
5	9.2	0.0	9.2	1.8
6	1.0	.4	1.4	.6
7	3.6	0.0	3.6	4.6
8	1.4	0.0	1.4	.5
9	2.4	0.0	2.4	.4
10	.9	0.0	.9	2.6
11	4.9	2.6	7.5	.8
12	.2	0.0	.2	1.2
13	0.0	0.0	0.0	4.2
14	1.2	0.0	1.2	3.2
15	0.0	0.0	0.0	1.0
16	0.0	0.0	0.0	3.2
17	0.0	11.0	11.0	4.2
18	0.0	0.0	0.0	4.6
19	0.0	0.0	0.0	5.9
20	.8	0.0	.8	5.2
21	0.0	0.0	0.0	4.1
22	2.1	0.0	2.1	.8
23	.5	0.0	.5	3.8
24	0.0	0.0	0.0	.4
25	0.0	0.0	0.0	.9
26	0.0	0.0	0.0	4.8
27	0.0	0.0	0.0	.4
28	1.6	0.0	1.6	4.3
29	1.0	0.0	1.0	2.9
30	1.5	0.0	1.5	3.8
31	0.0	0.0	0.0	3.8
	34.2	14.4	48.6	80.4

Agosto

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	5.8
2	0.0	0.0	0.0	5.8
3	0.0	0.0	0.0	2.3
4	0.0	0.0	0.0	6.3
5	0.0	0.0	0.0	4.3
6	0.0	0.0	0.0	1.4
7	0.0	0.0	0.0	4.9
8	2.9	0.0	2.9	4.8
9	.3	0.0	.3	1.0
10	2.3	0.0	2.3	1.6
11	0.0	0.0	0.0	5.9
12	0.0	0.0	0.0	3.7
13	0.0	2.6	2.6	1.5
14	.3	0.0	.3	3.2
15	0.0	.8	.8	4.1
16	1.1	.3	1.4	5.2
17	0.0	0.0	0.0	4.5
18	0.0	0.0	0.0	5.9
19	2.9	0.0	2.9	3.4
20	0.0	0.0	0.0	7.2
21	0.0	0.0	0.0	6.4
22	1.0	0.0	1.0	6.2
23	0.0	0.0	0.0	1.6
24	0.0	0.0	0.0	4.6
25	0.0	0.0	0.0	2.4
26	0.0	0.0	0.0	1.6
27	0.0	0.0	0.0	2.7
28	0.0	0.0	0.0	4.6
29	0.0	0.0	0.0	7.0
30	0.0	0.0	0.0	6.3
31				2.9
	10.8	3.7	14.5	129.1

Septiembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	1.4	0.0	1.4	1.6
2	7.9	0.0	7.9	.4
3	0.0	0.0	0.0	4.5
4	5.2	0.0	5.2	5.3
5	0.0	0.0	0.0	3.1
6	0.0	0.0	0.0	2.8
7	8.7	7.5	16.2	1.3
8	3.0	0.0	3.0	2.5
9	.6	0.0	.6	2.8
10	0.0	0.0	0.0	1.4
11	1.3	0.0	1.3	1.8
12	0.0	0.0	0.0	2.9
13	0.0	0.0	0.0	6.2
14	0.0	0.0	0.0	2.6
15	0.0	0.0	0.0	2.0
16	0.0	0.0	0.0	2.5
17	0.0	0.0	0.0	8.2
18	0.0	0.0	0.0	1.0
19	0.0	0.0	0.0	3.0
20	8.4	0.0	8.4	1.4
21	6.3	0.0	6.3	2.4
22	11.1	0.0	11.1	1.9
23	21.7	.3	22.0	.2
24	3.7	0.0	3.7	.7
25	0.0	0.0	0.0	2.0
26	0.0	0.0	0.0	2.9
27	0.0	0.0	0.0	1.9
28	0.0	0.0	0.0	4.2
29	0.0	0.0	0.0	4.4
30	.2	0.0	.2	2.0
31				
	79.5	7.8	87.3	79.9

Octubre

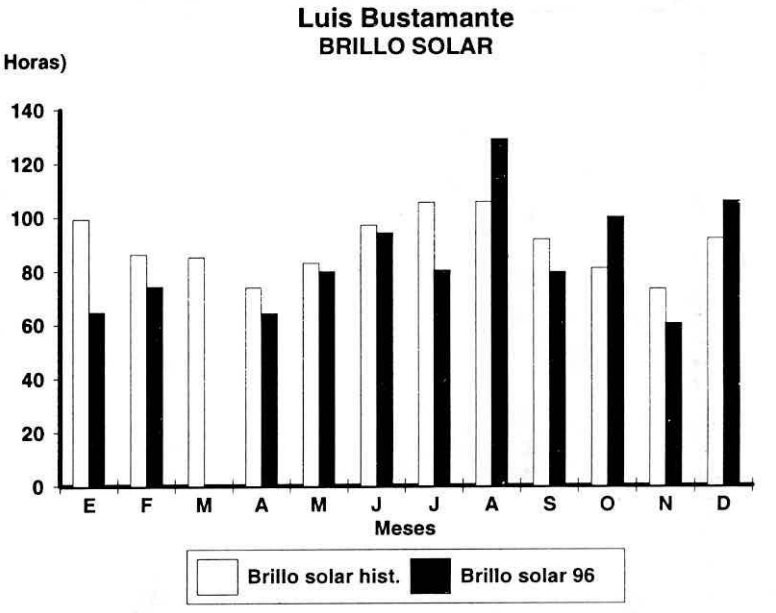
N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	.1	0.0	.1	4.9
2	16.7	0.0	16.7	2.8
3	0.0	0.0	0.0	.4
4	0.0	0.0	0.0	5.9
5	0.0	.1	.1	3.8
6	0.0	0.0	0.0	4.1
7	.4	0.0	.4	1.5
8	0.0	0.0	0.0	4.1
9	3.6	1.7	5.3	6.2
10	3.0	0.0	3.0	3.5
11	.6	0.0	.6	6.4
12	.4	29.5	29.9	2.6
13	0.0	0.0	0.0	2.7
14	.2	0.0	.2	2.6
15	3.4	.6	4.0	1.0
16	1.9	.3	2.2	2.5
17	8.4	0.0	8.4	1.3
18	8.9	.4	9.3	1.7
19	0.0	0.0	0.0	2.1
20	3.5	0.0	3.5	5.7
21	1.3	0.0	1.3	.2
22	.8	0.0	.8	2.3
23	0.0	0.0	0.0	2.4
24	0.0	0.0	0.0	4.1
25	0.0	0.0	0.0	5.1
26	.4	0.0	.4	4.6
27	.6	0.0	.6	1.9
28	.4	0.0	.4	4.0
29	1.0	1.0	2.0	2.2
30	8.4	0.0	8.4	2.3
31	0.0	24.7	24.7	5.3
	64.0	58.3	122.3	100.2

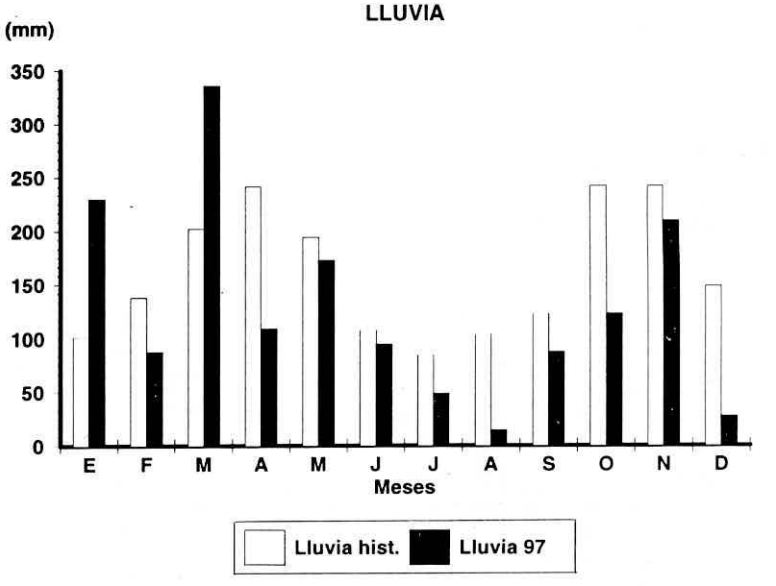
Noviembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	7.9	0.0	7.9	2.1
2	1.0	0.0	1.0	3.8
3	0.0	0.0	0.0	.8
4	3.6	0.0	3.6	.5
5	7.7	0.0	7.7	.5
6	5.4	2.0	7.4	2.0
7	8.2	0.0	8.2	0.0
8	32.9	0.0	32.9	0.0
9	13.0	0.0	13.0	0.0
10	2.7	0.0	2.7	.4
11	3.0	19.2	22.2	5.4
12	5.9	0.0	5.9	4.0
13	16.7	0.0	16.7	3.7
14	25.7	0.0	25.7	3.3
15	2.5	0.0	2.5	1.1
16	0.0	0.0	0.0	.7
17	.5	0.0	.5	1.4
18	.9	8.7	9.6	1.6
19	11.6	2.2	13.8	2.1
20	0.0	5.9	5.9	.9
21	.9	.7	1.6	.4
22	0.0	0.0	0.0	5.1
23	0.0	0.0	0.0	1.9
24	0.0	0.0	0.0	1.6
25	7.2	.2	7.4	1.6
26	6.3	0.0	6.3	1.0
27	0.0	0.0	0.0	3.5
28	0.0	6.5	6.5	3.5
29	0.0	0.0	0.0	4.3
30	.1	0.0	.1	3.4
31				
	163.7	45.4	209.1	60.6

Diciembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	.3	0.0	.3	.9
2	0.0	0.0	0.0	3.5
3	0.0	0.0	0.0	2.3
4	0.0	0.0	0.0	6.2
5	0.0	0.0	0.0	5.1
6	0.0	0.0	0.0	3.7
7	0.0	0.0	0.0	5.8
8	0.0	0.0	0.0	3.8
9	0.0	0.0	0.0	4.5
10	0.0	0.0	0.0	3.2
11	0.0	0.0	0.0	4.0
12	0.0	0.0	0.0	3.7
13	0.0	0.0	0.0	6.4
14	11.5	3.8	15.3	3.0
15	6.6	1.0	7.6	0.0
16	0.0	0.0	0.0	.1
17	0.0	0.0	0.0	3.1
18	0.0	0.0	0.0	2.8
19	0.0	0.0	0.0	3.6
20	0.0	0.0	0.0	2.9
21	.2	0.0	.2	2.5
22	0.0	0.0	0.0	1.5
23	0.0	0.0	0.0	3.0
24	0.0	0.0	0.0	3.7
25	0.0	0.0	0.0	5.7
26	0.0	0.0	0.0	4.5
27	0.0	0.0	0.0	4.2
28	0.0	0.0	0.0	3.6
29	0.0	0.0	0.0	5.8
30	3.9	0.0	3.9	1.1
31	0.0	0.0	0.0	2.1
	22.5	4.8	27.3	106.3


Luis Bustamante
BRILLO SOLAR
Horas)
140
120
100
80
60
40
20
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 96


LLUVIA
(mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 97

Estación : LA MONTAÑA
Año : 1997

Dpto. : TOLIMA
Mpio. : DOLORES

Latitud : 3 ° 33 ' N
Longitud : 74 ° 54 ' W
Altitud : 1260 m

	Enero				*Febrero*				*Marzo*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

	Abril				*Mayo*				*Junio*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1												
2												
3												
4												
5												
6									3.4	0.0	3.4	1.7
7									16.8	.6	17.4	1.1
8									23.7	0.0	23.7	0.0
9									12.6	0.0	12.6	1.7
10									0.0	1.4	1.4	7.0
11									0.0	0.0	0.0	.7
12									0.0	0.0	0.0	2.9
13									0.0	0.0	0.0	1.3
14									0.0	0.0	0.0	8.7
15									0.0	0.0	0.0	7.8
16									.9	0.0	.9	1.7
17									0.0	0.0	0.0	9.6
18									9.8	1.6	11.4	1.6
19									.2	1.5	1.7	2.1
20									0.0	0.0	0.0	9.1
21									0.0	0.0	0.0	7.8
22									.6	0.0	.6	3.9
23									0.0	0.0	0.0	4.2
24									6.3	10.1	16.4	.4
25									8.7	0.0	8.7	1.5
26									0.0	.2	.2	1.3
27									5.4	0.0	5.4	5.1
28									0.0	0.0	0.0	8.0
29									0.0	1.6	1.6	9.2
30									0.0	7.9	7.9	7.5
31												
									88.4	24.9	113.3	105.9

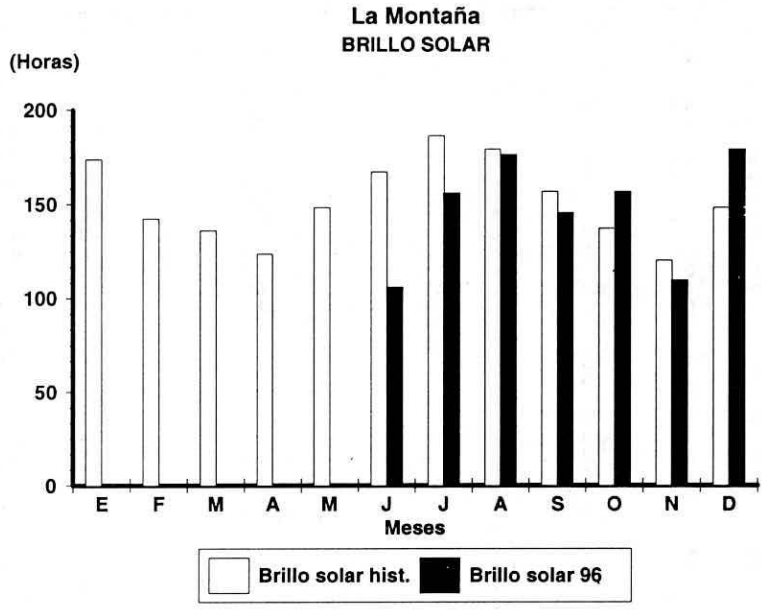
Estación : LA MONTAÑA
Año : 1997

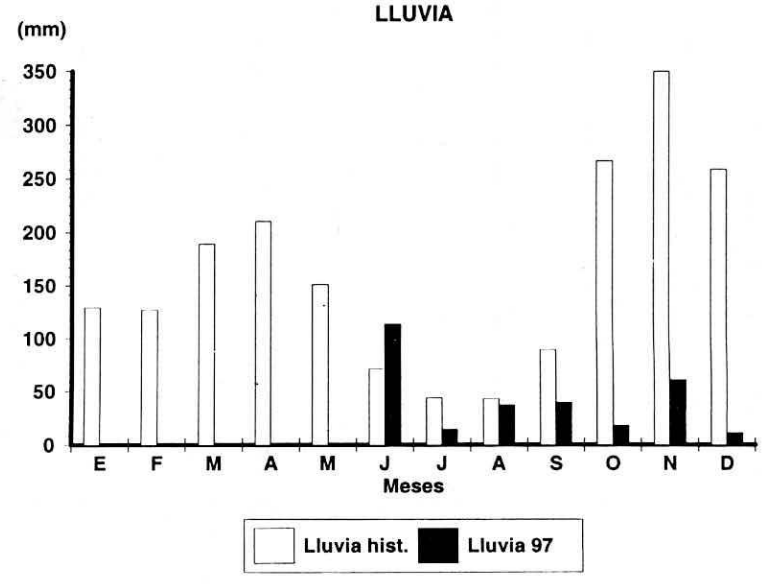
Dpto. : TOLIMA
Mpio. : DOLORES

Latitud : 3 ° 33 ' N
Longitud : 74 ° 54 ' W
Altitud : 1260 m

	Julio				*Agosto*				*Septiembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	0.0	0.0	0.0	4.9	0.0	0.0	0.0	6.9	0.0	0.0	0.0	6.4
2	0.0	.8	.8	8.4	0.0	0.0	0.0	5.0	0.0	0.0	0.0	2.1
3	4.6	4.0	8.6	8.4	0.0	0.0	0.0	5.2	0.0	0.0	0.0	8.3
4	0.0	0.0	0.0	7.2	0.0	0.0	0.0	7.2	0.0	0.0	0.0	8.1
5	0.0	0.0	0.0	4.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	6.7
6	0.0	.7	.7	8.5	0.0	0.0	0.0	6.8	0.0	0.0	0.0	6.3
7	0.0	1.7	1.7	1.7	0.0	1.4	1.4	7.0	0.0	0.0	0.0	4.8
8	0.0	0.0	0.0	1.3	.2	0.0	.2	1.2	1.1	0.0	1.1	5.6
9	0.0	1.7	1.7	1.6	0.0	0.0	0.0	.2	0.0	0.0	0.0	4.4
10	0.0	0.0	0.0	2.8	0.0	0.0	0.0	1.5	0.0	0.0	0.0	2.7
11	0.0	.1	.1	4.6	0.0	0.0	0.0	5.6	.1	0.0	.1	1.9
12	0.0	0.0	0.0	.9	0.0	2.1	2.1	4.9	0.0	0.0	0.0	6.2
13	0.0	.9	.9	8.3	0.0	0.0	0.0	5.5	0.0	0.0	0.0	6.4
14	0.0	0.0	0.0	5.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	6.7
15	0.0	0.0	0.0	2.1	0.0	0.0	0.0	8.3	0.0	0.0	0.0	5.9
16	0.0	0.0	0.0	6.6	0.0	31.7	31.7	5.0	0.0	0.0	0.0	5.5
17	0.0	0.0	0.0	6.2	.1	.1	.2	6.9	0.0	0.0	0.0	8.3
18	0.0	0.0	0.0	8.4	0.0	.2	.2	9.8	0.0	0.0	0.0	3.6
19	0.0	0.0	0.0	6.3	0.0	0.0	0.0	4.9	0.0	0.0	0.0	5.0
20	0.0	0.0	0.0	5.9	0.0	0.0	0.0	8.2	1.8	0.0	1.8	3.6
21	0.0	0.0	0.0	3.2	0.0	.3	.3	8.2	.4	0.0	.4	4.0
22	0.0	0.0	0.0	1.9	0.0	0.0	0.0	5.5	5.1	0.0	5.1	3.8
23	0.0	0.0	0.0	5.5	0.0	0.0	0.0	3.4	29.9	0.0	29.9	0.0
24	0.0	0.0	0.0	3.4	0.0	0.0	0.0	7.0	0.0	0.0	0.0	1.5
25	0.0	0.0	0.0	2.4	0.0	0.0	0.0	10.5	0.0	0.0	0.0	4.2
26	0.0	0.0	0.0	6.2	.1	0.0	.1	1.0	0.0	0.0	0.0	5.5
27	0.0	0.0	0.0	6.9	.5	.3	.8	1.7	0.0	0.0	0.0	3.3
28	0.0	0.0	0.0	5.5	0.0	0.0	0.0	5.8	0.0	0.0	0.0	6.5
29	0.0	0.0	0.0	4.0	0.0	0.0	0.0	8.4	1.1	0.0	1.1	6.5
30	0.0	0.0	0.0	5.7	0.0	0.0	0.0	8.3	0.0	0.0	0.0	1.6
31	0.0	0.0	0.0	8.1	0.0	0.0	0.0	8.1				
	4.6	9.9	14.5	155.9	.9	36.1	37.0	176.2	39.5	0.0	39.5	145.4

	Octubre				*Noviembre*				*Diciembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	5.0	0.0	5.0	9.3	.2	0.0	.2	3.7	1.1	0.0	1.1	1.5
2	0.0	0.0	0.0	5.7	0.0	0.0	0.0	5.7	0.0	0.0	0.0	4.7
3	4.5	0.0	4.5	2.6	0.0	0.0	0.0	6.3	0.0	0.0	0.0	4.0
4	0.0	0.0	0.0	8.2	0.0	2.1	2.1	4.8	0.0	0.0	0.0	8.2
5	0.0	.4	.4	3.6	0.0	0.0	0.0	4.3	0.0	0.0	0.0	8.5
6	0.0	.2	.2	3.9	0.0	0.0	0.0	4.0	0.0	0.0	0.0	5.7
7	0.0	0.0	0.0	4.2	0.0	0.0	0.0	.3	0.0	0.0	0.0	8.2
8	0.0	0.0	0.0	6.9	0.0	0.0	0.0	.6	0.0	0.0	0.0	7.1
9	0.0	0.0	0.0	8.8	0.0	0.0	0.0	.2	0.0	0.0	0.0	5.8
10	.2	0.0	.2	7.8	3.9	0.0	3.9	2.1	0.0	0.0	0.0	8.1
11	0.0	0.0	0.0	8.2	.9	.7	1.6	3.8	0.0	0.0	0.0	8.5
12	0.0	5.3	5.3	3.6	.2	7.4	7.6	4.6	0.0	0.0	0.0	8.0
13	0.0	.9	.9	6.5	.7	.2	.9	3.9	0.0	1.5	1.5	5.7
14	1.4	0.0	1.4	7.2	0.0	0.0	0.0	5.1	0.0	3.5	3.5	1.3
15	0.0	0.0	0.0	6.3	0.0	0.0	0.0	2.6	0.0	3.1	3.1	2.2
16	0.0	0.0	0.0	5.0	0.0	9.3	9.3	2.6	0.0	.8	.8	2.9
17	0.0	0.0	0.0	1.7	7.5	0.0	7.5	1.2	0.0	0.0	0.0	3.1
18	0.0	0.0	0.0	1.7	0.0	0.0	0.0	5.2	0.0	0.0	0.0	4.5
19	0.0	0.0	0.0	2.5	2.4	0.0	2.4	2.5	0.0	0.0	0.0	5.8
20	0.0	0.0	0.0	6.0	4.3	0.0	4.3	2.6	0.0	0.0	0.0	7.4
21	0.0	0.0	0.0	2.4	2.1	0.0	2.1	3.0	0.0	0.0	0.0	8.6
22	0.0	0.0	0.0	5.3	0.0	0.0	0.0	8.1	0.0	0.0	0.0	6.7
23	0.0	0.0	0.0	4.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0	6.9
24	0.0	0.0	0.0	4.8	0.0	0.0	0.0	2.2	0.0	0.0	0.0	5.2
25	0.0	0.0	0.0	8.2	.3	7.2	7.5	1.4	0.0	0.0	0.0	4.1
26	0.0	0.0	0.0	3.3	.9	0.0	.9	0.0	0.0	0.0	0.0	8.1
27	0.0	0.0	0.0	2.6	0.0	9.9	9.9	1.6	0.0	0.0	0.0	7.8
28	0.0	0.0	0.0	3.1	0.0	0.0	0.0	5.6	0.0	0.0	0.0	8.1
29	0.0	0.0	0.0	2.6	0.0	0.0	0.0	5.5	0.0	0.0	0.0	8.3
30	0.0	0.0	0.0	4.4	0.0	0.0	0.0	7.5	1.1	0.0	1.1	1.0
31	0.0	0.0	0.0	6.3					0.0	0.0	0.0	3.2
	11.1	6.8	17.9	156.7	23.4	36.8	60.2	109.6	2.2	8.9	11.1	179.2


La Montaña
BRILLO SOLAR
(Horas)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 96


LLUVIA
(mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 97

Estación : SANTIAGO GUTIERREZ
Año : 1997

Dpto. : VALLE
Mpio. : ARGELIA

Latitud : 4 ° 43 ' N
Longitud : 76 ° 7 ' W
Altitud : 1550 m

	Enero				*Febrero*				*Marzo*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	2.9	0.0	2.9	.1	0.0	0.0	0.0	3.4	8.0	5.0	13.0	
2	16.4	0.0	16.4	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	
3	.7	1.1	1.8	.7	0.0	0.0	0.0	4.1	2.5	1.5	4.0	
4	5.3	0.0	5.3	1.4	0.0	0.0	0.0	1.0	3.0	2.0	5.0	
5	0.0	0.0	0.0	6.9	0.0	0.0	0.0	4.2	0.0	0.0	0.0	
6	0.0	1.6	1.6	3.9	0.0	0.0	0.0	3.9	0.0	0.0	0.0	
7	1.2	0.0	1.2	.2	1.7	.3	2.0	3.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	5.7	0.0	0.0	0.0	1.7	0.0	0.0	0.0	
9	13.8	17.4	31.2	.5	2.5	.3	2.8	1.5	2.5	1.5	4.0	
10	9.8	1.6	11.4	0.0	0.0	0.0	0.0	.9	0.0	0.0	0.0	
11	0.0	11.0	11.0	2.7	0.0	0.0	0.0	2.3	1.5	1.5	3.0	
12	0.0	0.0	0.0	1.5	0.0	15.8	15.8	3.0	8.0	5.0	13.0	
13	0.0	0.0	0.0	5.4	0.0	0.0	0.0	6.3	0.0	0.0	0.0	
14	0.0	1.3	1.3	5.3	0.0	0.0	0.0	6.8	0.0	0.0	0.0	
15	0.0	0.0	0.0	1.9	0.0	0.0	0.0	2.6	9.6	6.4	16.0	
16	7.0	5.4	12.4	1.8	0.0	0.0	0.0	.4	7.2	4.8	12.0	
17	8.4	0.0	8.4	2.0	0.0	0.0	0.0	3.7	7.2	4.8	12.0	
18	0.0	0.0	0.0	2.1	0.0	0.0	0.0	4.1	1.5	1.5	3.0	
19	0.0	5.0	5.0	6.5	0.0	.3	.3	4.4	0.0	0.0	0.0	
20	0.0	0.0	0.0	.2	0.0	0.0	0.0	1.8	4.2	2.8	7.0	
21	2.9	2.2	5.1	.6	0.0	0.0	0.0	5.6	0.0	0.0	0.0	
22	3.0	.1	3.1	2.3	0.0	0.0	0.0	4.9	9.0	6.0	15.0	
23	.9	.6	1.5	3.1	0.0	0.0	0.0	4.1	0.0	0.0	0.0	
24	0.0	0.0	0.0	3.8	22.0	0.0	22.0	2.9	0.0	0.0	0.0	
25	0.0	0.0	0.0	3.8	0.0	0.0	0.0	.6	0.0	0.0	0.0	
26	0.0	0.0	0.0	1.9	0.0	0.0	0.0	.8	0.0	0.0	0.0	
27	0.0	0.0	0.0	4.9	0.0	0.0	0.0	4.8	0.0	0.0	0.0	
28	0.0	0.0	0.0	4.5	0.0	0.0	0.0	3.3	3.0	2.0	5.0	
29	0.0	0.0	0.0	4.7					2.5	1.5	4.0	
30	0.0	0.0	0.0	4.0					.6	.4	1.0	
31	0.0	1.3	1.3	1.0					0.0	0.0	0.0	
	72.3	48.6	120.9	83.4	26.2	16.7	42.9	88.6	70.3	46.7	117.0	

	Abril				*Mayo*				*Junio*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	0.0	0.0	0.0		0.0	0.0	0.0	6.1	0.0	0.0	0.0	6.1
2	15.5	11.5	27.0		0.0	0.0	0.0	3.3	1.0	0.0	1.0	4.9
3	0.0	0.0	0.0		0.0	0.0	0.0	5.6	0.0	10.8	10.8	0.0
4	0.0	0.0	0.0		0.0	0.0	0.0	1.0	6.8	0.0	6.8	0.0
5	0.0	0.0	0.0		0.0	0.0	0.0	6.3	5.3	0.0	5.3	6.7
6	0.0	0.0	0.0		23.3	0.0	23.3	2.3	0.0	8.1	8.1	3.4
7	0.0	0.0	0.0		43.2	0.0	43.2	4.5	.7	4.0	4.7	.1
8	15.5	11.5	27.0		0.0	1.1	1.1	8.3	.7	0.0	.7	.3
9	0.0	0.0	0.0		0.0	2.5	2.5	1.0	19.7	0.0	19.7	4.4
10	0.0	0.0	0.0		.8	10.8	11.6	4.7	.4	.2	.6	6.8
11	0.0	0.0	0.0		2.0	0.0	2.0	0.0	.1	2.3	2.4	3.9
12	0.0	0.0	0.0		9.6	1.2	10.8	1.8	0.0	0.0	0.0	2.6
13	0.0	0.0	0.0		29.9	0.0	29.9	4.1	6.7	0.0	6.7	1.9
14	2.8	2.2	5.0		2.5	.2	2.7	3.4	0.0	0.0	0.0	6.5
15	1.2	.8	2.0		0.0	0.0	0.0	4.6	0.0	3.8	3.8	5.7
16	2.8	2.2	5.0		.5	0.0	.5	6.9	0.0	0.0	0.0	3.3
17	2.8	2.2	5.0		0.0	0.0	0.0	6.1	0.0	0.0	0.0	1.6
18	10.4	7.6	18.0		0.0	0.0	0.0	4.9	0.0	2.3	2.3	1.8
19	3.5	2.5	6.0		0.0	0.0	0.0	.5	0.0	0.0	0.0	2.7
20	9.8	7.2	17.0		0.0	0.0	0.0	3.8	0.0	0.0	0.0	4.5
21	2.8	2.2	5.0		0.0	4.9	4.9	4.8	0.0	0.0	0.0	5.0
22	1.7	1.3	3.0		0.0	0.0	0.0	3.9	0.0	0.0	0.0	9.4
23	6.3	4.7	11.0		0.0	0.0	0.0	8.6	0.0	19.9	19.9	4.2
24	0.0	0.0	0.0		.8	0.0	.8	3.2	0.0	.7	.7	.4
25	4.0	3.0	7.0		0.0	0.0	0.0	0.0	3.0	6.3	9.3	4.7
26	1.7	1.3	3.0		1.0	2.5	3.5	.1	6.8	.2	7.0	1.1
27	0.0	0.0	0.0		0.0	0.0	0.0	4.6	0.0	0.0	0.0	6.2
28	0.0	0.0	0.0		0.0	.3	.3	1.9	0.0	1.2	1.2	6.2
29	0.0	0.0	0.0		0.0	0.0	0.0	3.6	0.0	3.8	3.8	5.7
30	0.0	0.0	0.0		1.3	0.0	1.3	.9	0.0	.6	.6	8.3
31					3.2	4.3	7.5	1.5				
	80.8	60.2	141.0		118.1	27.8	145.9	112.3	51.2	64.2	115.4	118.4

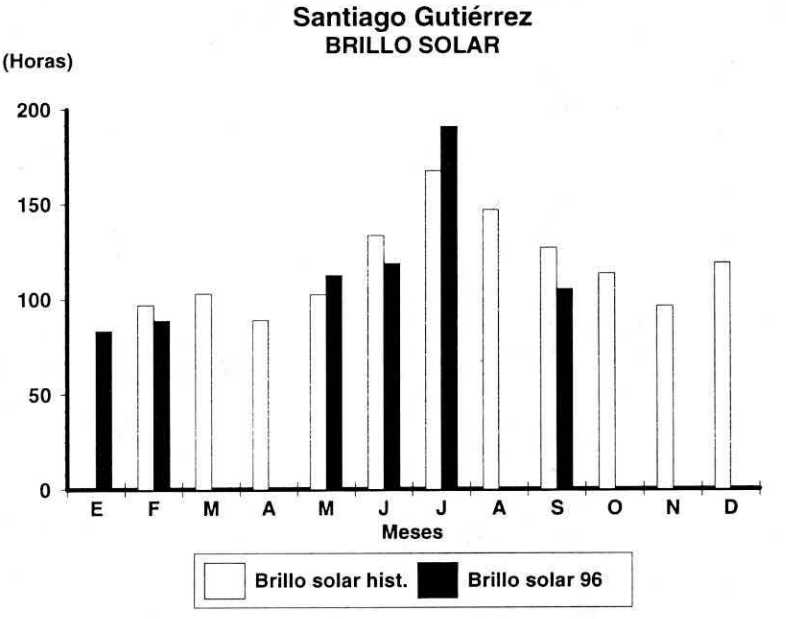
Estación : SANTIAGO GUTIERREZ
Año : 1997

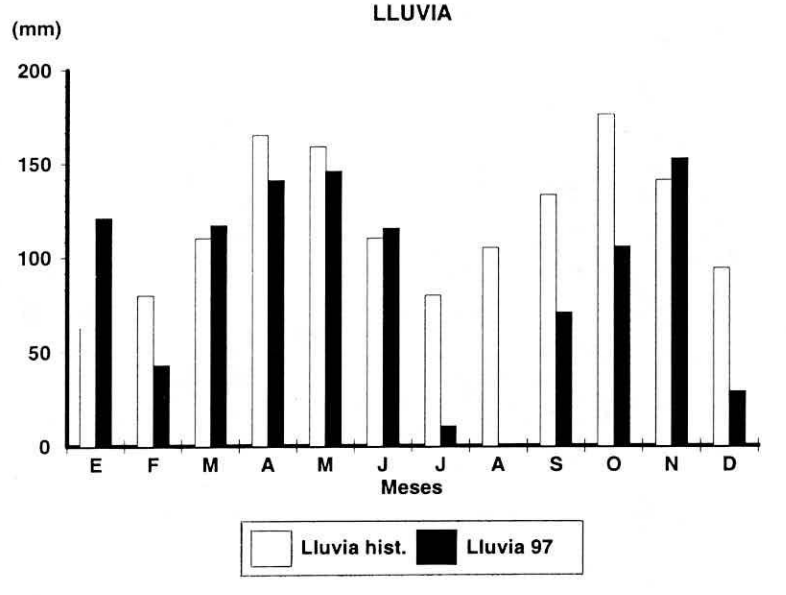
Dpto. : VALLE
Mpio. : ARGELIA

Latitud : 4 ° 43 ' N
Longitud : 76 ° 7 ' W
Altitud : 1550 m

	Julio				*Agosto*				*Septiembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	0.0	0.0	0.0	7.7					0.0	.3	.3	2.9
2	0.0	0.0	0.0	9.5					4.1	1.0	5.1	1.9
3	0.0	0.0	0.0	5.3					0.0	0.0	0.0	4.4
4	0.0	0.0	0.0	8.4					0.0	0.0	0.0	7.1
5	0.0	0.0	0.0	8.0					0.0	6.0	6.0	2.2
6	0.0	0.0	0.0	8.2					0.0	0.0	0.0	7.4
7	0.0	0.0	0.0	6.1					0.0	6.6	6.6	4.0
8	0.0	2.5	2.5	3.7					.5	0.0	.5	2.1
9	0.0	0.0	0.0	.1					0.0	0.0	0.0	3.2
10	.5	0.0	.5	4.8					0.0	0.0	0.0	4.8
11	0.0	0.0	0.0	7.6					0.0	0.0	0.0	.9
12	0.0	0.0	0.0	9.6					0.0	0.0	0.0	.6
13	0.0	0.0	0.0	7.5					2.8	0.0	2.8	5.0
14	0.0	0.0	0.0	7.8					0.0	2.4	2.4	3.9
15	0.0	0.0	0.0	5.1					0.0	0.0	0.0	8.1
16	0.0	1.5	1.5	3.5					0.0	0.0	0.0	3.4
17	0.0	0.0	0.0	6.1					0.0	0.0	0.0	4.2
18	0.0	0.0	0.0	8.9					0.0	0.0	0.0	4.3
19	0.0	0.0	0.0	6.7					5.9	0.0	5.9	1.3
20	0.0	0.0	0.0	9.8					1.8	0.0	1.8	.7
21	1.5	0.0	1.5	5.5					1.1	13.1	14.2	4.1
22	0.0	0.0	0.0	4.3					.4	.2	.6	2.5
23	0.0	0.0	0.0	9.3					1.8	.5	2.3	.2
24	.2	0.0	.2	9.1					2.3	0.0	2.3	1.8
25	0.0	0.0	0.0	0.0					.8	4.7	5.5	4.6
26	0.0	0.0	0.0	7.5					0.0	0.0	0.0	2.3
27	0.0	0.0	0.0	0.0					1.9	0.0	1.9	2.5
28	.7	1.4	2.1	1.3					11.4	0.0	11.4	3.1
29	.8	1.3	2.1	5.1					0.0	0.0	0.0	6.5
30	0.0	0.0	0.0	5.4					0.0	1.3	1.3	5.1
31	0.0	.1	.1	8.7								
	3.7	6.8	10.5	190.6					34.8	36.1	70.9	105.1

	Octubre				*Noviembre*				*Diciembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	5.5	.1	5.6	4.4	0.0	0.0	0.0		0.0	12.0	12.0	
2	0.0	4.0	4.0	3.2	0.0	7.9	7.9		0.0	7.3	7.3	
3	.2	2.7	2.9	.1	1.3	0.0	1.3		0.0	0.0	0.0	
4	0.0	2.8	2.8	4.7	3.1	0.0	3.1		0.0	0.0	0.0	
5	0.0	0.0	0.0	4.3	0.0	.2	.2		0.0	0.0	0.0	
6	0.0	0.0	0.0	4.4	3.8	0.0	3.8		0.0	0.0	0.0	
7	0.0	0.0	0.0	2.0	.5	4.6	5.1		0.0	0.0	0.0	
8	0.0	0.0	0.0	1.8	26.3	.6	26.9		.4	3.2	3.6	
9	0.0	2.9	2.9	4.6	17.1	.4	17.5		0.0	0.0	0.0	
10	0.0	.6	.6	6.1	0.0	0.0	0.0		0.0	0.0	0.0	
11	0.0	3.7	3.7	.5	0.0	15.0	15.0		0.0	0.0	0.0	
12	0.0	2.6	2.6	4.5	.3	4.2	4.5		0.0	0.0	0.0	
13	0.0	.1	.1	3.3	0.0	0.0	0.0		.2	0.0	.2	
14	0.0	0.0	0.0	6.6	33.2	1.8	35.0		0.0	0.0	0.0	
15	0.0	0.0	0.0	5.9	3.0	0.0	3.0		.2	0.0	.2	
16	1.2	.2	1.4		0.0	.2	.2		0.0	5.5	5.5	
17	.1	2.9	3.0		3.0	2.1	5.1		0.0	0.0	0.0	
18	.2	7.3	7.5		3.1	.3	3.4		0.0	0.0	0.0	
19	0.0	0.0	0.0		0.0	2.5	2.5		0.0	0.0	0.0	
20	.7	1.0	1.7		6.2	.4	6.6		0.0	0.0	0.0	
21	7.4	0.0	7.4		0.0	0.0	0.0		0.0	0.0	0.0	
22	3.6	.3	3.9		0.0	0.0	0.0		0.0	0.0	0.0	
23	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	
24	.2	0.0	.2		.8	.9	1.7		0.0	0.0	0.0	
25	0.0	0.0	0.0		6.8	2.5	9.3		0.0	0.0	0.0	
26	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	
27	0.0	0.0	0.0		0.0	.1	.1		0.0	0.0	0.0	
28	0.0	24.6	24.6		0.0	0.0	0.0		0.0	0.0	0.0	
29	9.5	0.0	9.5		0.0	.3	.3		0.0	0.0	0.0	
30	1.1	0.0	1.1		0.0	0.0	0.0		0.0	0.0	0.0	
31	20.0	0.0	20.0						0.0	0.0	0.0	
	49.7	55.8	105.5	56.4	108.5	44.0	152.5		.8	28.0	28.8	


Santiago Gutiérrez
BRILLO SOLAR
(Horas)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 96


LLUVIA
(mm)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 97

Estación : EL BERRION
Año : 1997

Dpto. : VALLE
Mpio. : CARTAGO

Latitud : 4 ° 41 ' N
Longitud : 75 ° 51 ' W
Altitud : 1150 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.8	0.0	13.8	0.0
2	0.0	.2	.2	1.1
3	1.8	0.0	1.8	2.9
4	0.0	0.0	0.0	4.6
5	0.0	0.0	0.0	9.1
6	0.0	0.0	0.0	8.6
7	5.3	0.0	5.3	5.9
8	0.0	0.0	0.0	2.0
9	0.0	2.6	2.6	4.2
10	0.0	4.8	4.8	.5
11	3.6	.2	3.8	6.6
12	0.0	20.1	20.1	5.1
13	0.0	0.0	0.0	9.1
14	0.0	0.0	0.0	6.1
15	0.0	0.0	0.0	6.2
16	.9	3.5	4.4	3.7
17	31.0	0.0	31.0	2.0
18	.4	6.7	7.1	3.4
19	0.0	5.2	5.2	6.0
20	0.0	.1	.1	.2
21	8.4	.6	9.0	4.3
22	1.2	21.2	22.4	5.7
23	8.6	.3	8.9	6.0
24	0.0	0.0	0.0	3.5
25	0.0	23.7	23.7	9.0
26	0.0	34.9	34.9	7.6
27	0.0	0.0	0.0	8.0
28	0.0	0.0	0.0	7.2
29	0.0	3.7	3.7	7.2
30	0.0	9.6	9.6	5.7
31	0.0	19.0	19.0	4.2
	75.0	156.4	231.4	155.7

Febrero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	4.3
2	0.0	0.0	0.0	7.9
3	3.3	.2	3.5	7.1
4	14.0	0.0	14.0	3.4
5	0.0	0.0	0.0	2.3
6	15.3	11.4	26.7	3.1
7	0.0	0.0	0.0	5.3
8	.3	0.0	.3	.8
9	0.0	8.8	8.8	4.9
10	0.0	2.2	2.2	6.8
11	1.9	0.0	1.9	3.7
12	1.4	.2	1.6	3.6
13	0.0	0.0	0.0	6.0
14	.6	0.0	.6	5.9
15	1.9	11.5	13.4	6.6
16	9.2	0.0	9.2	3.8
17	0.0	0.0	0.0	2.2
18	0.0	0.0	0.0	7.9
19	0.0	0.0	0.0	5.7
20	0.0	0.0	0.0	4.0
21	0.0	0.0	0.0	7.0
22	3.1	0.0	3.1	2.7
23	.1	0.0	.1	7.1
24	0.0	0.0	0.0	2.2
25	0.0	0.0	0.0	3.8
26	0.0	0.0	0.0	4.0
27	0.0	0.0	0.0	7.0
28	0.0	0.0	0.0	4.6
	51.1	34.3	85.4	133.7

Marzo

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	.9
2	0.0	16.9	16.9	5.6
3	23.0	0.0	23.0	3.8
4	3.8	.5	4.3	5.5
5	20.8	0.0	20.8	.4
6	0.0	0.0	0.0	7.7
7	0.0	0.0	0.0	8.0
8	0.0	0.0	0.0	9.4
9	0.0	0.0	0.0	8.9
10	0.0	.3	.3	8.2
11	0.0	7.4	7.4	9.3
12	5.6	21.7	27.3	5.8
13	5.6	0.0	5.6	.1
14	0.0	0.0	0.0	7.2
15	0.0	0.0	0.0	9.2
16	17.2	51.9	69.1	1.8
17	8.5	.6	9.1	0.0
18	29.8	9.3	39.1	2.6
19	18.5	0.0	18.5	3.7
20	1.0	5.4	6.4	1.7
21	0.0	0.0	0.0	3.9
22	0.0	0.0	0.0	9.5
23	0.0	0.0	0.0	8.4
24	0.0	0.0	0.0	9.7
25	0.0	0.0	0.0	9.4
26	0.0	0.0	0.0	8.5
27	0.0	0.0	0.0	7.2
28	0.0	0.0	0.0	8.2
29	0.0	0.0	0.0	6.9
30	0.0	0.0	0.0	3.1
31	.6	3.8	4.4	5.8
	134.4	117.8	252.2	180.4

Abril

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	1.2
2	0.0	0.0	0.0	7.3
3	6.9	1.5	8.4	6.5
4	.7	0.0	.7	4.6
5	0.0	0.0	0.0	8.4
6	12.1	.4	12.5	6.1
7	0.0	0.0	0.0	6.5
8	.4	.1	.5	2.6
9	.7	.5	1.2	5.8
10	1.5	.2	1.7	.8
11	0.0	0.0	0.0	1.7
12	0.0	0.0	0.0	6.5
13	0.0	0.0	0.0	3.2
14	0.0	0.0	0.0	4.2
15	12.6	0.0	12.6	3.4
16	0.0	24.8	24.8	8.3
17	.6	0.0	.6	3.6
18	.1	6.1	6.2	1.4
19	13.9	39.7	53.6	2.7
20	.9	.1	1.0	1.5
21	4.9	.5	5.4	1.9
22	12.6	0.0	12.6	.4
23	0.0	.2	.2	4.3
24	0.0	.5	.5	6.3
25	2.4	0.0	2.4	.2
26	0.0	12.5	12.5	5.1
27	0.0	11.4	11.4	5.1
28	1.9	3.3	5.2	7.0
29	0.0	0.0	0.0	8.4
30	0.0	0.0	0.0	5.4
31				
	72.2	101.8	174.0	130.4

Mayo

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	8.8
2	0.0	0.0	0.0	3.1
3	3.9	.6	4.5	2.8
4	10.8	0.0	10.8	6.2
5	0.0	0.0	0.0	6.0
6	.1	0.0	.1	4.7
7	2.5	0.0	2.5	4.3
8	0.0	0.0	0.0	9.2
9	15.4	16.3	31.7	4.3
10	6.8	27.3	34.1	3.8
11	2.0	0.0	2.0	.7
12	0.0	66.3	66.3	3.8
13	1.2	0.0	1.2	4.4
14	14.2	0.0	14.2	5.6
15	0.0	0.0	0.0	5.0
16	0.0	0.0	0.0	6.2
17	0.0	0.0	0.0	9.4
18	.3	0.0	.3	1.2
19	0.0	0.0	0.0	.5
20	0.0	0.0	0.0	3.2
21	0.0	2.5	2.5	4.6
22	0.0	0.0	0.0	4.0
23	0.0	0.0	0.0	9.1
24	0.0	0.0	0.0	4.8
25	.6	2.9	3.5	0.0
26	38.6	21.5	60.1	.5
27	0.0	1.1	1.1	5.0
28	0.0	0.0	0.0	2.1
29	0.0	0.0	0.0	5.3
30	7.5	0.0	7.5	1.5
31	0.0	0.0	0.0	.4
	103.9	138.5	242.4	130.5

Junio

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	.2	0.0	.2	5.0
2	0.0	0.0	0.0	3.4
3	0.0	19.1	19.1	5.9
4	7.8	0.0	7.8	0.0
5	0.0	0.0	0.0	6.3
6	.9	19.5	20.4	4.5
7	4.0	11.1	15.1	.4
8	1.6	0.0	1.6	1.8
9	.1	.6	.7	5.0
10	.2	6.2	6.4	5.3
11	.3	1.3	1.6	3.6
12	1.1	.2	1.3	5.4
13	0.0	0.0	0.0	.3
14	0.0	0.0	0.0	6.0
15	0.0	.4	.4	8.0
16	0.0	0.0	0.0	3.9
17	0.0	0.0	0.0	3.8
18	15.8	35.2	51.0	4.0
19	1.4	0.0	1.4	4.9
20	1.5	.2	1.7	7.8
21	0.0	0.0	0.0	8.1
22	0.0	0.0	0.0	9.5
23	0.0	0.0	0.0	5.5
24	0.0	0.0	0.0	1.4
25	19.6	38.1	57.7	4.0
26	0.0	0.0	0.0	1.7
27	0.0	0.0	0.0	6.6
28	1.0	2.1	3.1	5.8
29	3.4	.5	3.9	8.5
30	0.0	2.2	2.2	8.4
31				
	58.9	136.7	195.6	144.8

Estación : EL BERRION
Año : 1997

Dpto. : VALLE
Mpio. : CARTAGO

Latitud : 4 ° 41 ' N
Longitud : 75 ° 51 ' W
Altitud : 1150 m

Julio

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	9.4
2	0.0	0.0	0.0	6.7
3	0.0	0.0	0.0	6.4
4	0.0	0.0	0.0	8.5
5	0.0	0.0	0.0	6.1
6	0.0	0.0	0.0	9.6
7	.1	0.0	.1	6.5
8	.1	0.0	.1	4.9
9	0.0	0.0	0.0	.4
10	1.6	0.0	1.6	6.4
11	0.0	0.0	0.0	8.9
12	0.0	0.0	0.0	9.2
13	0.0	0.0	0.0	9.7
14	0.0	0.0	0.0	8.2
15	0.0	0.0	0.0	4.6
16	1.4	.3	1.7	5.4
17	0.0	0.0	0.0	7.5
18	0.0	0.0	0.0	10.4
19	0.0	0.0	0.0	11.3
20	0.0	0.0	0.0	10.6
21	0.0	0.0	0.0	7.9
22	0.0	0.0	0.0	4.0
23	0.0	0.0	0.0	11.0
24	0.0	0.0	0.0	10.1
25	0.0	0.0	0.0	.9
26	0.0	0.0	0.0	8.2
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	4.5
29	0.0	0.0	0.0	7.5
30	0.0	0.0	0.0	6.1
31	.2	.1	.3	9.8
	3.4	.4	3.8	220.7

Agosto

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	10.1
2	0.0	0.0	0.0	1.8
3	0.0	0.0	0.0	7.5
4	0.0	0.0	0.0	7.0
5	0.0	0.0	0.0	10.2
6	0.0	0.0	0.0	8.5
7	0.0	0.0	0.0	7.7
8	0.0	0.0	0.0	9.1
9	0.0	0.0	0.0	1.6
10	0.0	0.0	0.0	7.7
11	0.0	0.0	0.0	4.4
12	.1	0.0	.1	5.4
13	0.0	0.0	0.0	5.5
14	0.0	0.0	0.0	5.6
15	0.0	0.0	0.0	9.1
16	0.0	0.0	0.0	6.9
17	4.1	2.7	6.8	7.9
18	0.0	0.0	0.0	8.8
19	0.0	0.0	0.0	7.8
20	0.0	0.0	0.0	10.4
21	0.0	0.0	0.0	9.3
22	0.0	0.0	0.0	4.8
23	0.0	0.0	0.0	4.8
24	0.0	0.0	0.0	5.2
25	0.0	0.0	0.0	9.5
26	20.0	0.0	20.0	5.2
27	0.0	0.0	0.0	4.6
28	0.0	0.0	0.0	9.2
29	0.0	0.0	0.0	9.8
30	0.0	0.0	0.0	6.3
31	2.5	0.0	2.5	8.6
	26.7	2.7	29.4	220.3

Septiembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	.1	0.0	.1	4.9
2	.3	0.0	.3	4.5
3	0.0	0.0	0.0	6.0
4	0.0	0.0	0.0	9.6
5	0.0	48.6	48.6	5.8
6	.2	.4	.6	4.7
7	4.2	9.9	14.1	3.5
8	.9	1.5	2.4	3.5
9	0.0	0.0	0.0	2.9
10	0.0	0.0	0.0	2.8
11	0.0	0.0	0.0	3.9
12	0.0	0.0	0.0	1.9
13	0.0	0.0	0.0	6.0
14	0.0	0.0	0.0	7.9
15	0.0	0.0	0.0	8.3
16	2.3	0.0	2.3	4.5
17	0.0	0.0	0.0	5.9
18	0.0	0.0	0.0	6.4
19	0.0	2.2	2.2	4.2
20	.3	0.0	.3	2.3
21	9.0	49.9	58.9	6.2
22	4.3	.3	4.6	3.4
23	1.4	16.0	17.4	.7
24	11.1	2.1	13.2	2.3
25	.2	.1	.3	4.2
26	.6	0.0	.6	2.5
27	18.6	0.0	18.6	4.9
28	1.3	0.0	1.3	3.8
29	0.0	0.0	0.0	9.3
30	0.0	0.0	0.0	6.0
	54.8	131.0	185.8	142.8

Octubre

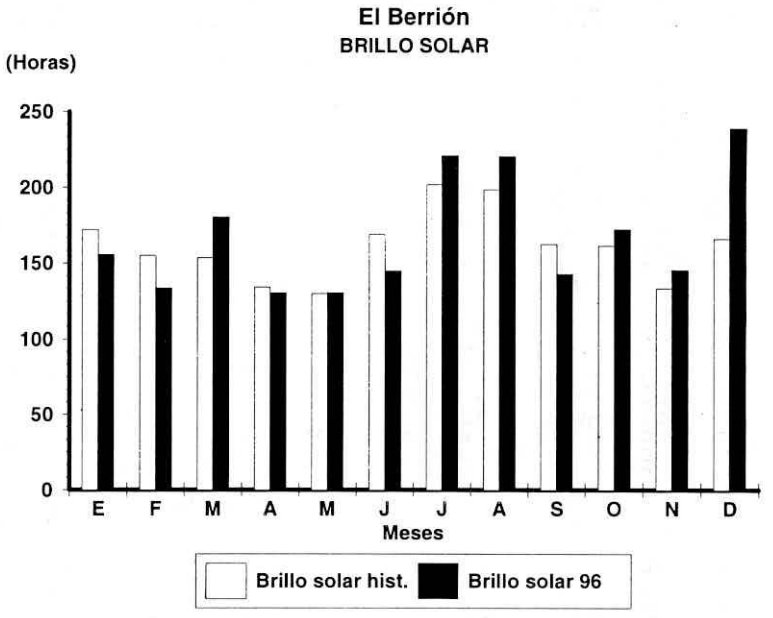
N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	6.8
2	.2	.7	.9	5.1
3	0.0	0.0	0.0	.6
4	.2	0.0	.2	7.1
5	0.0	0.0	0.0	6.3
6	0.0	0.0	0.0	6.3
7	0.0	0.0	0.0	5.3
8	.8	0.0	.8	4.3
9	0.0	0.0	0.0	7.0
10	0.0	.9	.9	6.6
11	2.7	25.7	28.4	1.9
12	0.0	10.1	10.1	6.5
13	5.0	0.0	5.0	4.7
14	0.0	0.0	0.0	8.3
15	0.0	0.0	0.0	4.7
16	0.0	5.0	5.0	3.3
17	0.0	14.7	14.7	5.3
18	.2	5.9	6.1	5.7
19	0.0	0.0	0.0	7.3
20	0.0	.2	.2	7.3
21	0.0	6.0	6.0	5.2
22	21.5	1.5	23.0	5.6
23	0.0	0.0	0.0	6.4
24	0.0	0.0	0.0	6.7
25	0.0	0.0	0.0	6.2
26	0.0	0.0	0.0	7.2
27	.1	0.0	.1	5.9
28	0.0	.2	.2	1.5
29	0.0	0.0	0.0	6.2
30	0.0	0.0	0.0	7.4
31	22.4	0.0	22.4	3.7
	53.1	70.9	124.0	172.4

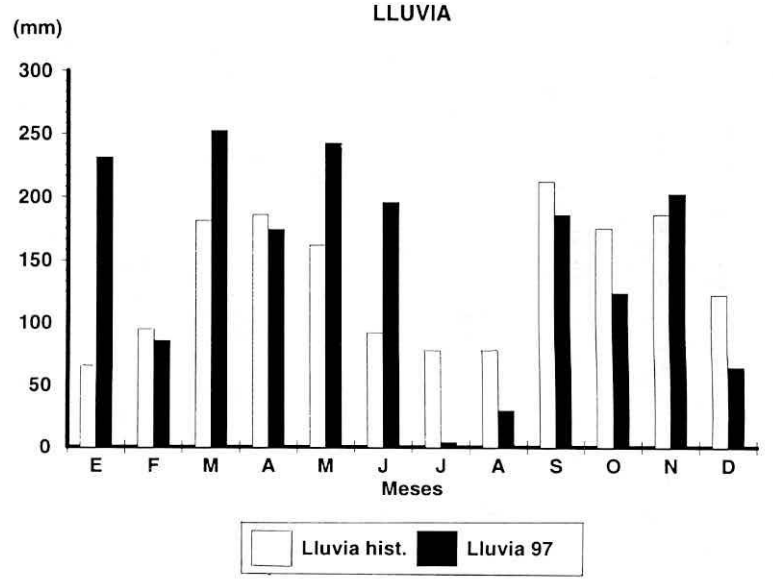
Noviembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	.5	0.0	.5	6.0
2	0.0	0.0	0.0	7.9
3	0.0	0.0	0.0	.3
4	33.2	0.0	33.2	4.0
5	0.0	.4	.4	5.2
6	0.0	2.9	2.9	3.9
7	9.8	3.6	13.4	2.9
8	7.8	14.6	22.4	.4
9	2.6	.9	3.5	0.0
10	.1	5.2	5.3	6.7
11	34.1	15.0	49.1	5.0
12	.5	2.0	2.5	4.7
13	0.0	.2	.2	4.6
14	44.9	0.0	44.9	4.9
15	.5	0.0	.5	5.2
16	0.0	1.1	1.1	6.2
17	.4	0.0	.4	3.5
18	0.0	0.0	0.0	7.0
19	4.8	0.0	4.8	5.1
20	5.6	0.0	5.6	3.7
21	0.0	0.0	0.0	6.6
22	0.0	0.0	0.0	7.8
23	0.0	0.0	0.0	6.8
24	0.0	2.5	2.5	3.7
25	4.4	2.6	7.0	2.5
26	0.0	0.0	0.0	.4
27	0.0	0.0	0.0	7.8
28	0.0	0.0	0.0	9.9
29	0.0	2.0	2.0	4.9
30	0.0	.2	.2	8.1
31				
	149.2	53.2	202.4	145.7

Diciembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	15.8	15.8	6.9
2	3.4	14.9	18.3	7.0
3	0.0	0.0	0.0	6.8
4	0.0	0.0	0.0	9.1
5	0.0	0.0	0.0	9.2
6	.2	0.0	.2	5.9
7	0.0	0.0	0.0	7.5
8	0.0	0.0	0.0	8.4
9	0.0	0.0	0.0	9.1
10	0.0	0.0	0.0	7.5
11	0.0	0.0	0.0	6.9
12	0.0	0.0	0.0	8.6
13	0.0	0.0	0.0	6.3
14	27.6	0.0	27.6	7.0
15	0.0	0.0	0.0	2.9
16	0.0	0.0	0.0	9.0
17	0.0	0.0	0.0	8.7
18	0.0	0.0	0.0	5.5
19	0.0	0.0	0.0	9.3
20	0.0	0.0	0.0	5.7
21	0.0	0.0	0.0	8.3
22	0.0	0.0	0.0	9.7
23	0.0	0.0	0.0	9.5
24	0.0	0.0	0.0	8.8
25	0.0	0.0	0.0	7.4
26	0.0	0.0	0.0	8.4
27	0.0	0.0	0.0	9.0
28	0.0	0.0	0.0	8.3
29	1.9	0.0	1.9	8.5
30	0.0	0.0	0.0	7.1
31	0.0	0.0	0.0	6.4
	33.1	30.7	63.8	238.7


El Berrión
BRILLO SOLAR
(Horas)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 96


LLUVIA
(mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 97

Estación : LA SELVA
Año : 1997

Dpto. : VALLE
Mpio. : GINEBRA

Latitud : 3 ° 45 ' N
Longitud : 76 ° 12 ' W
Altitud : 1800 m

Enero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	12.6	2.0	14.6	0.0
2	2.0	0.0	2.0	.4
3	.8	0.0	.8	.7
4	0.0	0.0	0.0	2.7
5	0.0	0.0	0.0	2.1
6	0.0	0.0	0.0	1.6
7	1.9	0.0	1.9	2.3
8	0.0	0.0	0.0	4.1
9	.6	8.8	9.4	1.7
10	39.3	0.0	39.3	0.0
11	4.4	.3	4.7	2.5
12	1.3	4.5	5.8	2.0
13	.6	0.0	.6	.9
14	0.0	8.6	8.6	4.5
15	5.6	0.0	5.6	.9
16	.7	13.4	14.1	.3
17	13.1	0.0	13.1	0.0
18	63.8	.9	64.7	1.5
19	23.0	18.4	41.4	1.4
20	1.2	1.0	2.2	0.0
21	1.3	0.0	1.3	.6
22	19.8	.1	19.9	1.6
23	18.8	0.0	18.8	3.0
24	0.0	0.0	0.0	3.1
25	4.8	3.3	8.1	2.5
26	2.5	5.2	7.7	.8
27	0.0	0.0	0.0	3.7
28	16.1	0.0	16.1	3.9
29	2.4	0.0	2.4	3.3
30	.1	4.3	4.4	4.8
31	4.9	0.0	4.9	4.5
	241.6	70.8	312.4	61.4

Febrero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	.9	0.0	.9	.4
2	0.0	0.0	0.0	4.7
3	.4	0.0	.4	2.3
4	0.0	0.0	0.0	.3
5	40.9	0.0	40.9	1.8
6	0.0	0.0	0.0	2.9
7	.2	1.4	1.6	2.7
8	0.0	0.0	0.0	1.0
9	2.8	.8	3.6	1.1
10	0.0	0.0	0.0	.9
11	0.0	0.0	0.0	3.7
12	0.0	.2	.2	2.8
13	0.0	0.0	0.0	6.8
14	0.0	0.0	0.0	2.1
15	0.0	4.7	4.7	2.0
16	3.7	.2	3.9	0.0
17	3.5	0.0	3.5	4.7
18	1.5	3.9	5.4	1.1
19	0.0	0.0	0.0	2.1
20	0.0	0.0	0.0	2.9
21	0.0	0.0	0.0	4.9
22	0.0	0.0	0.0	3.6
23	5.1	0.0	5.1	2.7
24	.8	0.0	.8	3.9
25	0.0	0.0	0.0	1.4
26	0.0	0.0	0.0	1.4
27	0.0	0.0	0.0	3.5
28	0.0	0.0	0.0	3.6
	59.8	11.2	71.0	71.3

Marzo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	1.6	0.0	1.6	.2
2	0.0	0.0	0.0	5.2
3	0.0	4.4	4.4	2.1
4	23.3	19.5	42.8	5.8
5	3.6	0.0	3.6	.2
6	0.0	0.0	0.0	9.9
7	0.0	0.0	0.0	10.1
8	0.0	0.0	0.0	7.7
9	0.0	0.0	0.0	1.7
10	0.0	.2	.2	4.7
11	0.0	0.0	0.0	2.3
12	1.9	5.7	7.6	2.7
13	18.5	0.0	18.5	0.0
14	0.0	0.0	0.0	8.1
15	8.0	0.0	8.0	3.6
16	.2	3.7	3.9	1.4
17	5.2	0.0	5.2	0.0
18	31.2	8.1	39.3	2.4
19	3.1	0.0	3.1	0.0
20	0.0	0.0	0.0	4.4
21	1.1	0.0	1.1	2.4
22	0.0	0.0	0.0	7.8
23	0.0	0.0	0.0	6.8
24	0.0	0.0	0.0	9.4
25	0.0	0.0	0.0	8.9
26	0.0	0.0	0.0	6.3
27	0.0	0.0	0.0	7.5
28	0.0	0.0	0.0	2.9
29	0.0	5.5	5.5	5.9
30	26.2	0.0	26.2	1.0
31	0.0	0.0	0.0	1.5
	123.9	47.1	171.0	132.9

Abril

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	2.7	2.6	5.3	.4
2	.8	.2	1.0	1.8
3	4.7	9.5	14.2	4.4
4	0.0	0.0	0.0	1.7
5	0.0	0.0	0.0	3.9
6	15.0	4.4	19.4	6.2
7	0.0	.6	.6	3.4
8	5.8	.3	6.1	1.7
9	0.0	0.0	0.0	1.6
10	.1	.3	.4	.7
11	0.0	.1	.1	2.9
12	0.0	0.0	0.0	4.3
13	18.1	0.0	18.1	1.5
14	0.0	0.0	0.0	2.9
15	1.8	0.0	1.8	5.8
16	2.0	0.0	2.0	5.3
17	2.4	0.0	2.4	.8
18	0.0	11.2	11.2	1.8
19	3.7	14.4	18.1	1.1
20	3.3	0.0	3.3	.9
21	2.4	9.1	11.5	.5
22	2.3	5.5	7.8	1.6
23	2.2	30.6	32.8	5.2
24	.1	0.0	.1	3.0
25	2.3	0.0	2.3	.1
26	2.7	.2	2.9	1.3
27	2.1	0.0	2.1	2.9
28	1.7	.1	1.8	2.0
29	0.0	0.0	0.0	6.8
30	0.0	0.0	0.0	3.6
31				
	76.2	89.1	165.3	80.1

Mayo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	2.1
2	0.0	0.0	0.0	1.6
3	0.0	0.0	0.0	1.0
4	.6	0.0	.6	1.8
5	0.0	0.0	0.0	7.4
6	0.0	0.0	0.0	.2
7	2.6	0.0	2.6	3.8
8	0.0	0.0	0.0	9.8
9	0.0	0.0	0.0	1.0
10	0.0	0.0	0.0	1.2
11	13.6	0.0	13.6	0.0
12	.4	0.0	.4	3.6
13	3.7	0.0	3.7	.4
14	12.4	.9	13.3	2.5
15	0.0	0.0	0.0	2.4
16	0.0	0.0	0.0	7.3
17	0.0	0.0	0.0	6.4
18	0.0	0.0	0.0	4.9
19	0.0	0.0	0.0	.7
20	0.0	0.0	0.0	.7
21	0.0	12.2	12.2	1.9
22	2.1	0.0	2.1	2.9
23	0.0	0.0	0.0	3.4
24	3.9	0.0	3.9	3.9
25	0.0	.4	.4	0.0
26	31.2	.2	31.4	.3
27	0.0	.2	.2	2.6
28	.1	2.4	2.5	3.3
29	0.0	0.0	0.0	4.2
30	.4	0.0	.4	.6
31	0.0	0.0	0.0	.4
	71.0	16.3	87.3	82.3

Junio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	.8
2	22.0	0.0	22.0	4.2
3	0.0	16.0	16.0	5.0
4	5.0	0.0	5.0	0.0
5	0.0	11.0	11.0	2.4
6	4.0	10.0	14.0	.6
7	5.0	2.0	7.0	.4
8	0.0	0.0	0.0	.2
9	3.0	0.0	3.0	1.3
10	0.0	0.0	0.0	7.9
11	0.0	0.0	0.0	3.3
12	30.0	0.0	30.0	1.6
13	0.0	0.0	0.0	3.6
14	0.0	0.0	0.0	3.9
15	0.0	0.0	0.0	6.0
16	18.0	0.0	18.0	4.6
17	0.0	0.0	0.0	4.3
18	0.0	4.0	4.0	2.2
19	0.0	0.0	0.0	4.9
20	0.0	0.0	0.0	4.2
21	0.0	0.0	0.0	5.3
22	0.0	0.0	0.0	3.1
23	0.0	0.0	0.0	.8
24	0.0	0.0	0.0	5.1
25	0.0	5.0	5.0	1.3
26	2.0	1.0	3.0	1.2
27	0.0	0.0	0.0	3.1
28	0.0	0.0	0.0	4.9
29	0.0	0.0	0.0	3.1
30	0.0	0.0	0.0	4.0
31				
	89.0	49.0	138.0	93.3

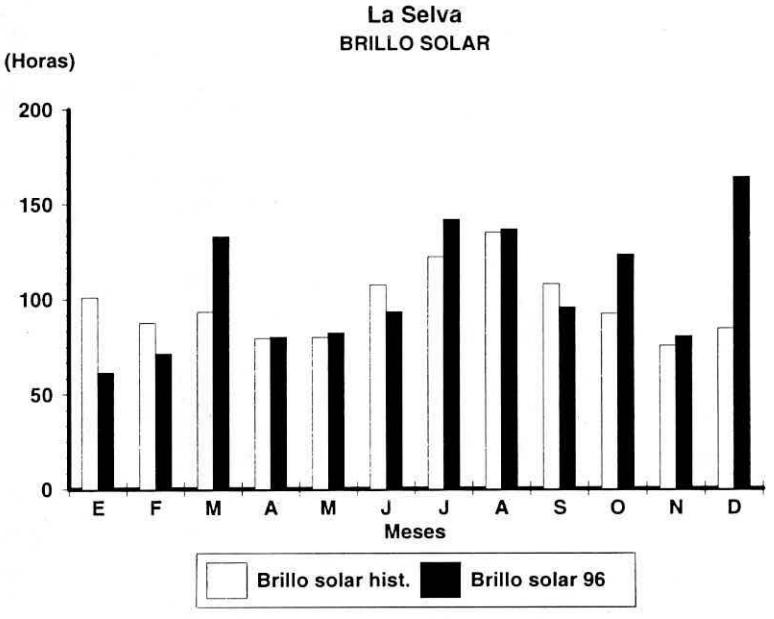
Estación : LA SELVA
Año : 1997

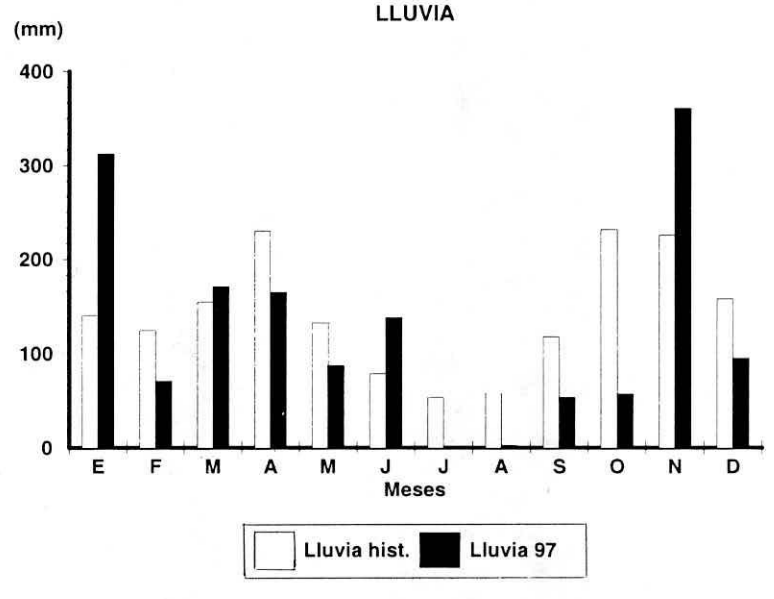
Dpto. : VALLE
Mpio. : GINEBRA

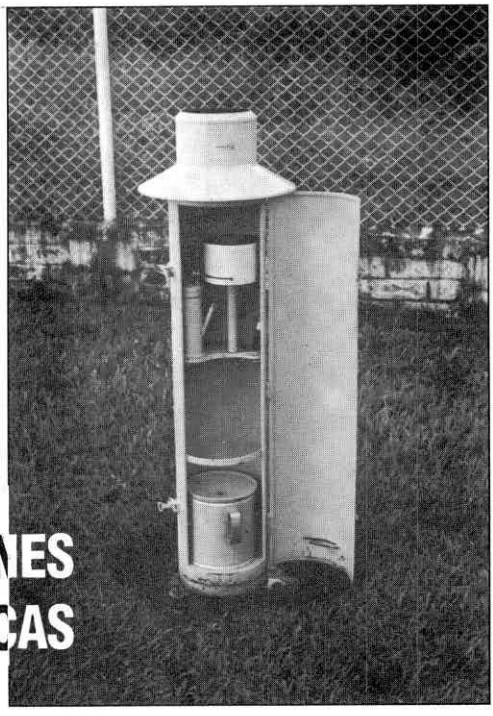
Latitud : 3 ° 45 ' N
Longitud : 76 ° 12 ' W
Altitud : 1800 m

	Julio				*Agosto*				*Septiembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	0.0	0.0	0.0	1.4	0.0	0.0	0.0	9.0	0.0	0.0	0.0	1.9
2	0.0	0.0	0.0	10.0	0.0	0.0	0.0	2.4	.1	0.0	.1	.7
3	0.0	0.0	0.0	5.8	0.0	0.0	0.0	6.5	0.0	0.0	0.0	.4
4	0.0	0.0	0.0	6.3	0.0	0.0	0.0	7.3	0.0	0.0	0.0	8.1
5	0.0	0.0	0.0	1.0	0.0	0.0	0.0	8.6	5.3	2.5	7.8	4.5
6	1.0	0.0	1.0	2.8	0.0	0.0	0.0	8.0	0.0	.7	.7	3.4
7	0.0	0.0	0.0	5.7	0.0	0.0	0.0	3.5	.2	3.9	4.1	1.1
8	0.0	0.0	0.0	3.8	0.0	0.0	0.0	6.6	5.7	0.0	5.7	.8
9	0.0	0.0	0.0	4.6	0.0	0.0	0.0	.4	.1	0.0	.1	1.9
10	0.0	0.0	0.0	5.0	0.0	0.0	0.0	.5	0.0	0.0	0.0	7.8
11	0.0	0.0	0.0	.8	0.0	0.0	0.0	3.7	0.0	0.0	0.0	4.2
12	0.0	0.0	0.0	1.2	0.0	0.0	0.0	3.5	0.0	0.0	0.0	2.5
13	0.0	0.0	0.0	8.1	0.0	0.0	0.0	.2	0.0	0.0	0.0	2.4
14	0.0	0.0	0.0	2.3	0.0	0.0	0.0	1.9	0.0	0.0	0.0	3.2
15	0.0	0.0	0.0	3.4	0.0	0.0	0.0	4.1	0.0	0.0	0.0	7.2
16	0.0	0.0	0.0	7.3	0.0	0.0	0.0	2.9	0.0	0.0	0.0	4.7
17	0.0	0.0	0.0	3.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	4.6
18	0.0	0.0	0.0	8.3	0.0	0.0	0.0	5.6	0.0	0.0	0.0	6.2
19	0.0	0.0	0.0	8.7	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.3
20	0.0	0.0	0.0	6.6	0.0	0.0	0.0	7.8	0.0	0.0	0.0	.3
21	0.0	0.0	0.0	4.7	0.0	0.0	0.0	8.5	0.0	12.1	12.1	3.4
22	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.9	9.0	0.0	9.0	.5
23	0.0	0.0	0.0	9.4	0.0	0.0	0.0	.9	1.0	7.0	8.0	1.6
24	0.0	0.0	0.0	8.8	0.0	0.0	0.0	7.7	0.0	2.0	2.0	1.3
25	0.0	0.0	0.0	1.7	0.0	0.0	0.0	9.2	3.6	0.0	3.6	4.4
26	0.0	0.0	0.0	6.8	0.0	0.0	0.0	.3	0.0	0.0	0.0	1.7
27	0.0	0.0	0.0	.9	0.0	0.0	0.0	2.8	0.0	0.0	0.0	3.9
28	0.0	0.0	0.0	2.1	0.0	0.0	0.0	2.0	0.0	0.0	0.0	.5
29	0.0	0.0	0.0	2.8	0.0	0.0	0.0	9.2	0.0	0.0	0.0	9.8
30	0.0	0.0	0.0	2.4	0.0	0.0	0.0	4.7	0.0	0.0	0.0	1.4
31	0.0	0.0	0.0	4.9	2.6	0.0	2.6	4.0				
	1.0	0.0	1.0	141.9	2.6	0.0	2.6	136.9	25.0	28.2	53.2	95.7

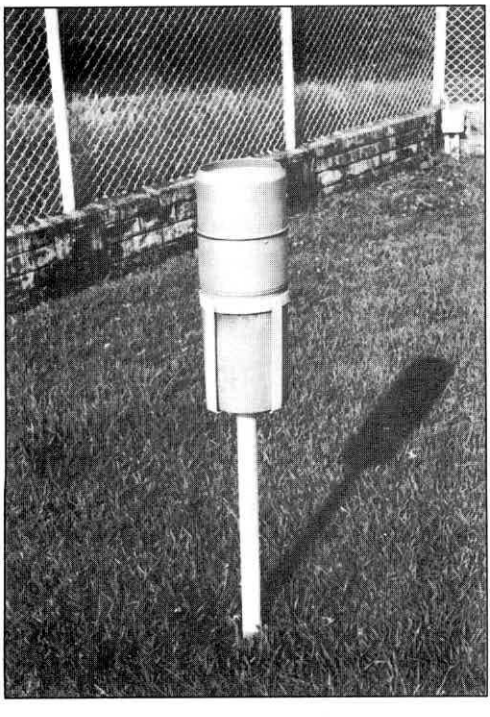
	Octubre				*Noviembre*				*Diciembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	2.0	0.0	2.0	6.2	0.0	0.0	0.0	.3	19.1	0.0	19.1	5.1
2	0.0	0.0	0.0	1.9	0.0	7.0	7.0	3.1	9.1	0.0	9.1	.6
3	0.0	0.0	0.0	.2	.4	.4	.8	1.8	0.0	0.0	0.0	6.6
4	0.0	0.0	0.0	3.9	0.0	0.0	0.0	2.8	0.0	0.0	0.0	9.5
5	0.0	0.0	0.0	3.0	.5	0.0	.5	4.6	0.0	0.0	0.0	7.7
6	0.0	0.0	0.0	1.3	.8	17.3	18.1	2.0	0.0	0.0	0.0	7.6
7	0.0	0.0	0.0	9.5	.6	15.3	15.9	.2	0.0	0.0	0.0	4.8
8	0.0	0.0	0.0	4.4	32.3	0.0	32.3	.1	0.0	0.0	0.0	4.9
9	0.0	1.0	1.0	5.8	9.0	24.8	33.8	0.0	0.0	0.0	0.0	7.1
10	0.0	8.0	8.0	5.2	6.8	.1	6.9	.9	0.0	0.0	0.0	4.9
11	0.0	12.0	12.0	4.5	.8	0.0	.8	1.9	0.0	0.0	0.0	4.9
12	0.0	17.0	17.0	7.9	17.0	34.0	51.0	.2	0.0	0.0	0.0	3.9
13	0.0	0.0	0.0	4.6	6.0	19.0	25.0	2.2	.2	0.0	.2	4.7
14	0.0	0.0	0.0	7.9	18.0	13.0	31.0	1.1	31.4	12.2	43.6	4.7
15	0.0	0.0	0.0	7.9	5.0	0.0	5.0	2.4	17.0	0.0	17.0	.2
16	0.0	1.0	1.0	2.6	7.8	24.7	32.5	6.4	0.0	0.0	0.0	2.8
17	0.0	2.0	2.0	1.5	1.1	.8	1.9	.7	0.0	0.0	0.0	4.8
18	1.0	6.0	7.0	.5	4.7	0.0	4.7	6.7	3.6	0.0	3.6	3.4
19	0.0	0.0	0.0	2.1	2.4	0.0	2.4	.5	0.0	0.0	0.0	9.1
20	3.0	0.0	3.0	4.8	3.1	.2	3.3	1.9	0.0	0.0	0.0	6.1
21	3.0	0.0	3.0	.3	.6	0.0	.6	2.6	0.0	0.0	0.0	3.8
22	0.0	0.0	0.0	1.5	0.0	0.0	0.0	4.5	0.0	0.0	0.0	8.3
23	0.0	0.0	0.0	6.2	0.0	0.0	0.0	2.7	0.0	0.0	0.0	9.0
24	0.0	0.0	0.0	7.7	14.9	0.0	14.9	1.1	0.0	0.0	0.0	6.8
25	0.0	0.0	0.0	.7	15.6	1.8	17.4	0.0	0.0	0.0	0.0	7.0
26	0.0	0.0	0.0	5.7	.2	0.0	.2	2.3	0.0	0.0	0.0	6.2
27	1.0	0.0	1.0	3.1	0.0	0.0	0.0	5.0	0.0	0.0	0.0	1.5
28	0.0	0.0	0.0	1.2	3.8	0.0	3.8	6.8	0.0	0.0	0.0	6.6
29	0.0	0.0	0.0	3.9	.3	48.8	49.1	6.9	1.6	0.0	1.6	5.9
30	0.0	0.0	0.0	7.2	.5	0.0	.5	8.8	0.0	0.0	0.0	5.2
31	0.0	0.0	0.0	.2					0.0	0.0	0.0	.3
	10.0	47.0	57.0	123.4	152.2	207.2	359.4	80.5	82.0	12.2	94.2	164.0


La Selva
BRILLO SOLAR
(Horas)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 96


LLUVIA
(mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 97



ESTACIONES PLUVIOGRAFICAS



Estación : SANTA ANA
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 1 ' N
Longitud : 75 ° 40 ' W
Altitud : 1250 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total
1	2.3	.7	3.0
2	3.4	0.0	3.4
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	3.9	3.9
7	.7	0.0	.7
8	0.0	.6	.6
9	0.0	54.0	54.0
10	8.3	1.2	9.5
11	0.0	0.0	0.0
12	0.0	45.0	45.0
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	0.0	0.0	0.0
16	0.0	34.0	34.0
17	0.0	0.0	0.0
18	0.0	0.0	0.0
19	0.0	0.0	0.0
20	0.0	0.0	0.0
21	1.2	.2	1.4
22	.3	0.0	.3
23	30.0	0.0	30.0
24	0.0	8.5	8.5
25	.5	2.1	2.6
26	43.2	3.1	46.3
27	0.0	0.0	0.0
28	0.0	0.0	0.0
29	0.0	1.0	1.0
30	0.0	1.9	1.9
31	0.0	37.8	37.8
	89.9	194.0	283.9

Febrero

Precipitación (mm) Día	Noche	Total
0.0	3.8	3.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.3	.3
0.0	5.1	5.1
0.0	9.8	9.8
.1	2.4	2.5
0.0	10.5	10.5
0.0	0.0	0.0
5.6	0.0	5.6
0.0	12.5	12.5
0.0	0.0	0.0
0.0	27.6	27.6
.2	4.0	4.2
.1	0.0	.1
.3	.2	.5
.1	0.0	.1
0.0	0.0	0.0
0.0	10.0	10.0
0.0	0.0	0.0
0.0	27.2	27.2
0.0	5.5	5.5
4.8	0.0	4.8
0.0	0.0	0.0
0.0	17.0	17.0
0.0	0.0	0.0
0.0	0.0	0.0
11.2	135.9	147.1

Marzo

Precipitación (mm) Día	Noche	Total
0.0	9.0	9.0
0.0	0.0	0.0
0.0	2.0	2.0
0.0	3.0	3.0
2.9	0.0	2.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.2	.2
0.0	4.2	4.2
0.0	6.0	6.0
0.0	0.0	0.0
0.0	5.0	5.0
0.0	0.0	0.0
0.0	15.0	15.0
0.0	6.0	6.0
0.0	36.0	36.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	1.2	1.2
0.0	0.0	0.0
.7	.2	.9
1.3	0.0	1.3
4.9	87.8	92.7

Abril

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	0.0	0.0	0.0
3	0.0	5.5	5.5
4	1.5	0.0	1.5
5	0.0	0.0	0.0
6	42.5	0.0	42.5
7	0.0	0.0	0.0
8	0.0	4.5	4.5
9	0.0	0.0	0.0
10	0.0	7.2	7.2
11	0.0	0.0	0.0
12	2.1	0.0	2.1
13	0.0	0.0	0.0
14	0.0	7.5	7.5
15	0.0	0.0	0.0
16	0.0	37.7	37.7
17	6.0	.5	6.5
18	.2	24.6	24.8
19	1.5	29.6	31.1
20	4.0	7.7	11.7
21	0.0	0.0	0.0
22	28.1	.5	28.6
23	0.0	35.3	35.3
24	6.0	0.0	6.0
25	0.0	0.0	0.0
26	0.0	3.7	3.7
27	0.0	13.0	13.0
28	0.0	0.0	0.0
29	0.0	0.0	0.0
30	0.0	0.0	0.0
31			
	91.9	177.3	269.2

Mayo

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	0.0	0.0
0.0	46.0	46.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	21.0	21.0
0.0	30.0	30.0
0.0	0.0	0.0
0.0	12.0	12.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	54.0	54.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10.0	0.0	10.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.1	0.0	1.1
11.1	163.0	174.1

Junio

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
1.2	.8	2.0
0.0	0.0	0.0
0.0	31.0	31.0
0.0	0.0	0.0
0.0	7.4	7.4
.3	16.6	16.9
0.0	0.0	0.0
0.0	0.0	0.0
8.0	2.2	10.2
0.0	39.8	39.8
0.0	.8	.8
2.4	1.1	3.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	29.0	29.0
0.0	34.0	34.0
0.0	21.2	21.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
5.6	6.1	11.7
1.4	6.3	7.7
0.0	0.0	0.0
0.0	.9	.9
0.0	3.2	3.2
0.0	6.9	6.9
18.9	207.3	226.2

Estación : SANTA ANA
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 1 ' N
Longitud : 75 ° 40 ' W
Altitud : 1250 m

Julio

N°Día	Precipitación (mm) Día	Noche	Total
1	1.0	0.0	1.0
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	.7	.7
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	0.0	1.3	1.3
8	0.0	4.0	4.0
9	0.0	0.0	0.0
10	0.0	.3	.3
11	16.2	0.0	16.2
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	0.0	0.0	0.0
16	0.0	0.0	0.0
17	0.0	0.0	0.0
18	0.0	0.0	0.0
19	0.0	0.0	0.0
20	0.0	0.0	0.0
21	0.0	0.0	0.0
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	0.0	0.0	0.0
25	0.0	0.0	0.0
26	0.0	0.0	0.0
27	0.0	1.6	1.6
28	0.0	0.0	0.0
29	0.0	.6	.6
30	0.0	0.0	0.0
31	0.0	11.3	11.3
	17.2	19.8	37.0

Agosto

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	2.6	2.6
0.0	0.0	0.0
.4	0.0	.4
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	1.1	1.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.4	3.7	4.1

Septiembre

Precipitación (mm) Día	Noche	Total
.9	1.4	2.3
.3	0.0	.3
0.0	0.0	0.0
0.0	.1	.1
0.0	10.7	10.7
.2	0.0	.2
15.8	39.8	55.6
0.0	23.0	23.0
0.0	.5	.5
0.0	0.0	0.0
.6	0.0	.6
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	3.3	3.3
0.0	6.3	6.3
4.0	0.0	4.0
0.0	39.2	39.2
1.5	.3	1.8
6.5	13.7	20.2
.4	9.2	9.6
0.0	2.1	2.1
1.5	0.0	1.5
0.0	0.0	0.0
0.0	0.0	0.0
.4	.2	.6
0.0	0.0	0.0
32.1	149.8	181.9

Octubre

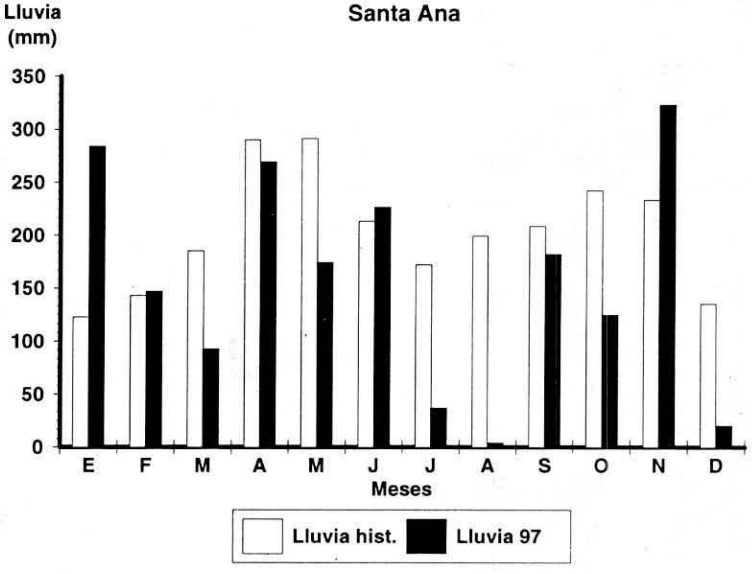
N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	.6	.3	.9
3	1.4	0.0	1.4
4	0.0	1.0	1.0
5	.1	0.0	.1
6	0.0	0.0	0.0
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	5.6	5.6
10	0.0	4.7	4.7
11	0.0	5.7	5.7
12	0.0	7.0	7.0
13	0.0	0.0	0.0
14	0.0	.1	.1
15	0.0	0.0	0.0
16	0.0	10.9	10.9
17	0.0	1.8	1.8
18	11.5	3.7	15.2
19	0.0	0.0	0.0
20	1.0	2.1	3.1
21	2.5	35.3	37.8
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	0.0	0.0	0.0
25	0.0	0.0	0.0
26	0.0	0.0	0.0
27	18.4	0.0	18.4
28	6.6	0.0	6.6
29	0.0	0.0	0.0
30	0.0	4.2	4.2
31	0.0	0.0	0.0
	42.1	82.4	124.5

Noviembre

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	7.9	7.9
4.5	1.6	6.1
50.0	0.0	50.0
0.0	20.0	20.0
3.0	11.0	14.0
1.1	10.1	11.2
4.1	5.3	9.4
.3	6.9	7.2
0.0	22.3	22.3
12.4	17.1	29.5
11.5	13.1	24.6
1.2	0.0	1.2
2.0	.3	2.3
0.0	0.0	0.0
0.0	.7	.7
13.9	0.0	13.9
0.0	0.0	0.0
24.4	9.9	34.3
.3	.2	.5
0.0	0.0	0.0
0.0	0.0	0.0
.9	0.0	.9
0.0	.6	.6
13.3	0.0	13.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	53.0	53.0
142.9	180.0	322.9

Diciembre

Precipitación (mm) Día	Noche	Total
0.0	14.4	14.4
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.1	1.9	3.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
2.1	0.0	2.1
.5	0.0	.5
0.0	.5	.5
3.7	16.8	20.5


Lluvia
(mm)
Santa Ana
350
300
250
200
150
100
50
0
E
F
M
A
M
J
J
A
S
O
N
D
Meses
Lluvia hist.
Lluvia 97

Estación : LA ROMELIA
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 58 ' N
Longitud : 75 ° 40 ' W
Altitud : 1400 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total
1	3.1	.1	3.2
2	.5	.5	1.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	4.1	4.1
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	28.7	28.7
10	5.8	3.3	9.1
11	3.8	0.0	3.8
12	0.0	17.9	17.9
13	0.0	.5	.5
14	0.0	0.0	0.0
15	.2	.2	.4
16	10.0	8.0	18.0
17	1.0	1.2	2.2
18	0.0	0.0	0.0
19	0.0	0.0	0.0
20	0.0	0.0	0.0
21	1.6	.4	2.0
22	41.5	0.0	41.5
23	10.0	3.0	13.0
24	0.0	4.7	4.7
25	4.2	65.5	69.7
26	30.3	12.7	43.0
27	0.0	.2	.2
28	0.0	.7	.7
29	3.2	6.8	10.0
30	0.0	6.5	6.5
31	0.0	28.0	28.0
	115.2	193.0	308.2

Febrero

Precipitación (mm) Día	Noche	Total
2.1	3.8	5.9
0.0	0.0	0.0
.3	0.0	.3
.4	.2	.6
.1	0.0	.1
0.0	.4	.4
2.1	41.3	43.4
0.0	0.0	0.0
.3	21.0	21.3
9.4	.1	9.5
0.0	0.0	0.0
0.0	20.7	20.7
0.0	0.0	0.0
0.0	.3	.3
.8	.2	1.0
7.9	0.0	7.9
0.0	7.1	7.1
0.0	0.0	0.0
0.0	1.2	1.2
.4	.4	.8
0.0	0.0	0.0
0.0	18.9	18.9
0.0	2.4	2.4
3.9	0.0	3.9
0.0	0.0	0.0
0.0	17.4	17.4
0.0	0.0	0.0
0.0	0.0	0.0
27.7	135.4	163.1

Marzo

Precipitación (mm) Día	Noche	Total
0.0	.3	.3
.5	0.0	.5
7.2	0.0	7.2
0.0	.5	.5
1.3	0.0	1.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.5	.5
0.0	2.0	2.0
0.0	20.7	20.7
3.5	.1	3.6
0.0	0.0	0.0
0.0	0.0	0.0
11.4	12.0	23.4
6.0	2.4	8.4
3.3	.7	4.0
1.3	0.0	1.3
1.3	.1	1.4
0.0	0.0	0.0
0.0	0.0	0.0
3.9	0.0	3.9
0.0	0.0	0.0
0.0	0.0	0.0
.4	.6	1.0
0.0	0.0	0.0
0.0	3.3	3.3
0.0	0.0	0.0
0.0	.3	.3
2.0	0.0	2.0
42.1	43.5	85.6

Abril

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	.2	.2
2	0.0	0.0	0.0
3	.7	1.7	2.4
4	1.9	0.0	1.9
5	0.0	0.0	0.0
6	49.4	3.1	52.5
7	0.0	0.0	0.0
8	0.0	25.0	25.0
9	0.0	0.0	0.0
10	0.0	24.0	24.0
11	0.0	0.0	0.0
12	.8	0.0	.8
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	1.8	0.0	1.8
16	0.0	57.9	57.9
17	0.0	.2	.2
18	.6	39.6	40.2
19	2.7	17.3	20.0
20	3.7	25.1	28.8
21	0.0	0.0	0.0
22	15.7	0.0	15.7
23	0.0	23.3	23.3
24	0.0	0.0	0.0
25	21.2	0.0	21.2
26	0.0	29.0	29.0
27	0.0	62.8	62.8
28	0.0	0.0	0.0
29	0.0	0.0	0.0
30	0.0	0.0	0.0
31			
	98.5	309.2	407.7

Mayo

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	.8	.8
0.0	20.6	20.6
0.0	0.0	0.0
0.0	.1	.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.4	17.8	19.2
4.0	14.5	18.5
.9	0.0	.9
0.0	4.3	4.3
1.2	0.0	1.2
.8	.5	1.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	9.1	9.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	87.6	87.6
1.2	0.0	1.2
0.0	0.0	0.0
0.0	0.0	0.0
7.0	9.0	16.0
5.2	1.7	6.9
0.0	0.0	0.0
1.9	.1	2.0
.5	2.2	2.7
.1	0.0	.1
0.0	32.1	32.1
24.2	200.4	224.6

Junio

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
5.0	0.0	5.0
0.0	1.4	1.4
8.6	0.0	8.6
0.0	0.0	0.0
0.0	3.6	3.6
2.5	3.8	6.3
0.0	0.0	0.0
2.6	0.0	2.6
19.7	6.9	26.6
0.0	71.6	71.6
0.0	1.9	1.9
6.4	.8	7.2
0.0	0.0	0.0
0.0	.6	.6
20.6	0.0	20.6
.6	14.0	14.6
0.0	34.9	34.9
.7	0.0	.7
0.0	0.0	0.0
0.0	0.0	0.0
0.0	1.8	1.8
0.0	0.0	0.0
0.0	0.0	0.0
5.5	14.2	19.7
1.8	0.0	1.8
0.0	0.0	0.0
0.0	.4	.4
0.0	2.6	2.6
0.0	14.2	14.2
74.0	172.7	246.7

Estación : LA ROMELIA
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 58.' N
Longitud : 75 ° 40 ' W
Altitud : 1400 m

Julio

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	0.0	3.8	3.8
8	0.0	9.2	9.2
9	2.2	.5	2.7
10	0.0	.8	.8
11	0.0	0.0	0.0
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	0.0	0.0	0.0
16	0.0	6.9	6.9
17	0.0	0.0	0.0
18	0.0	0.0	0.0
19	0.0	0.0	0.0
20	0.0	0.0	0.0
21	0.0	0.0	0.0
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	0.0	0.0	0.0
25	0.0	0.0	0.0
26	0.0	0.0	0.0
27	0.0	.5	.5
28	0.0	0.0	0.0
29	0.0	0.0	0.0
30	0.0	0.0	0.0
31	0.0	19.8	19.8
	2.2	41.5	43.7

Agosto

Precipitación (mm) Día	Noche	Total
0.0	.9	.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.1	.1	1.2
0.0	0.0	0.0
0.0	.3	.3
0.0	1.3	1.3
0.0	0.0	0.0
.1	0.0	.1
0.0	0.0	0.0
0.0	1.0	1.0
0.0	0.0	0.0
0.0	13.9	13.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.4	.4
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.2	17.9	19.1

Septiembre

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
.6	0.0	.6
0.0	0.0	0.0
0.0	0.0	0.0
11.2	12.1	23.3
.2	0.0	.2
2.2	43.7	45.9
0.0	25.9	25.9
0.0	.5	.5
0.0	0.0	0.0
3.7	0.0	3.7
0.0	0.0	0.0
.3	0.0	.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.6	.6
0.0	.5	.5
2.8	0.0	2.8
.1	41.9	42.0
2.3	.9	3.2
.5	7.0	7.5
.3	3.3	3.6
0.0	14.9	14.9
2.6	0.0	2.6
0.0	0.0	0.0
0.0	0.0	0.0
1.6	0.0	1.6
0.0	0.0	0.0
28.4	151.3	179.7

Octubre

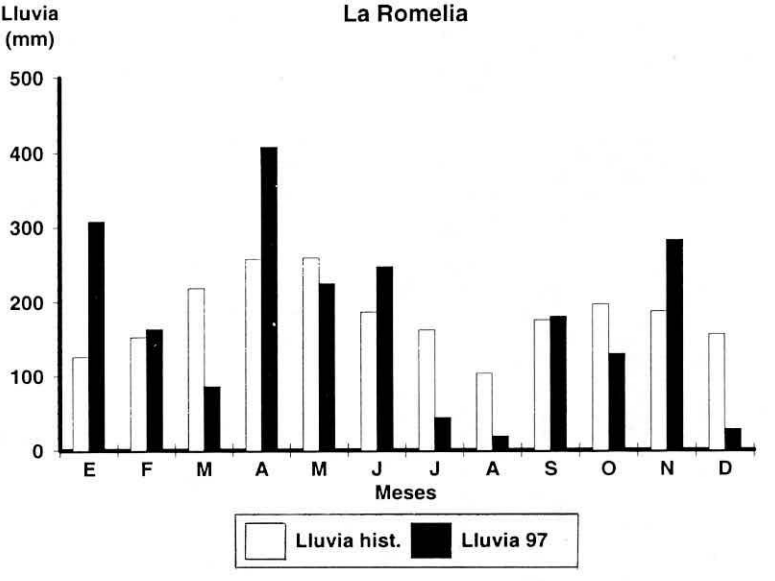
N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	.4	.9	1.3
3	.5	0.0	.5
4	0.0	2.6	2.6
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	0.0	0.0	0.0
8	.2	0.0	.2
9	0.0	7.0	7.0
10	0.0	7.7	7.7
11	0.0	8.2	8.2
12	0.0	8.2	8.2
13	0.0	0.0	0.0
14	0.0	.2	.2
15	0.0	0.0	0.0
16	0.0	18.6	18.6
17	0.0	4.3	4.3
18	2.7	13.2	15.9
19	0.0	0.0	0.0
20	1.2	8.9	10.1
21	0.0	18.3	18.3
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	0.0	0.0	0.0
25	0.0	0.0	0.0
26	0.0	0.0	0.0
27	23.6	0.0	23.6
28	0.0	3.1	3.1
29	0.0	0.0	0.0
30	0.0	0.0	0.0
31	0.0	0.0	0.0
	28.6	101.2	129.8

Noviembre

Precipitación (mm) Día	Noche	Total
.1	0.0	.1
0.0	10.7	10.7
0.0	0.0	0.0
0.0	39.9	39.9
0.0	5.5	5.5
3.2	13.4	16.6
2.3	3.3	5.6
1.1	11.8	12.9
.4	2.9	3.3
0.0	14.9	14.9
8.2	20.2	28.4
6.4	21.1	27.5
.6	2.4	3.0
1.6	.6	2.2
2.9	0.0	2.9
0.0	11.8	11.8
22.3	0.0	22.3
0.0	.1	.1
1.9	23.0	24.9
.8	0.0	.8
0.0	0.0	0.0
0.0	0.0	0.0
2.2	2.1	4.3
0.0	4.8	4.8
1.9	0.0	1.9
37.5	0.0	37.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.7	.7
93.4	189.2	282.6

Diciembre

Precipitación (mm) Día	Noche	Total
0.0	6.2	6.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.0	1.9	2.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.3	0.0	1.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
8.4	.1	8.5
9.3	0.0	9.3
0.0	0.0	0.0
20.0	8.2	28.2


La Romelia
Lluvia
(mm)
500
400
300
200
100
0
E
F
M
A
M
J
J
A
S
O
N
D
Meses
Lluvia hist.
Lluvia 97

Estación : PLANTA DE TRATAMIENTO
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 48 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total
1	2.3	0.0	2.3
2	0.0	8.1	8.1
3	1.5	2.9	4.4
4	1.9	0.0	1.9
5	0.0	0.0	0.0
6	.5	0.0	.5
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	0.0	120.0	120.0
11	0.0	.2	.2
12	0.0	18.6	18.6
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	.1	0.0	.1
16	.2	11.2	11.4
17	9.1	1.0	10.1
18	1.4	1.4	2.8
19	0.0	9.6	9.6
20	.9	.1	1.0
21	36.2	.2	36.4
22	2.6	1.1	3.7
23	1.4	.8	2.2
24	0.0	0.0	0.0
25	2.7	36.7	39.4
26	15.6	9.1	24.7
27	0.0	0.0	0.0
28	0.0	.5	.5
29	.2	10.0	10.2
30	1.4	7.0	8.4
31	.4	35.8	36.2
	78.4	274.3	352.7

Febrero

Precipitación (mm) Día	Noche	Total
1.1	5.9	7.0
4.4	0.0	4.4
6.6	0.0	6.6
7.3	.1	7.4
0.0	0.0	0.0
0.0	36.5	36.5
13.6	.2	13.8
.2	2.1	2.3
0.0	42.0	42.0
.7	0.0	.7
.2	0.0	.2
9.2	0.0	9.2
0.0	0.0	0.0
.7	0.0	.7
18.0	12.4	30.4
0.0	3.4	3.4
1.8	12.5	14.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	3.0	3.0
6.2	0.0	6.2
10.3	0.0	10.3
0.0	0.0	0.0
0.0	.2	.2
.1	4.5	4.6
0.0	0.0	0.0
.4	0.0	.4
80.8	122.8	203.6

Marzo

Precipitación (mm) Día	Noche	Total
5.0	.3	5.3
0.0	0.0	0.0
10.8	29.8	40.6
.7	5.1	5.8
3.1	0.0	3.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.9	7.6	9.5
0.0	0.0	0.0
16.5	2.5	19.0
0.0	52.6	52.6
1.6	0.0	1.6
0.0	0.0	0.0
8.8	0.0	8.8
4.9	38.9	43.8
2.8	1.9	4.7
1.8	.5	2.3
8.6	0.0	8.6
3.6	10.8	14.4
.2	0.0	.2
0.0	0.0	0.0
.1	0.0	.1
0.0	0.0	0.0
0.0	0.0	0.0
1.3	0.0	1.3
0.0	0.0	0.0
.8	0.0	.8
0.0	0.0	0.0
14.6	0.0	14.6
18.9	1.2	20.1
106.0	151.2	257.2

Abril

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	.4	.4
2	0.0	0.0	0.0
3	4.5	49.7	54.2
4	0.0	0.0	0.0
5	.1	18.7	18.8
6	7.4	1.7	9.1
7	0.0	0.0	0.0
8	.9	2.9	3.8
9	.2	2.6	2.8
10	1.8	0.0	1.8
11	.5	0.0	.5
12	0.0	0.0	0.0
13	0.0	20.0	20.0
14	0.0	14.7	14.7
15	0.0	0.0	0.0
16	0.0	0.0	0.0
17	17.9	0.0	17.9
18	.5	23.5	24.0
19	4.1	41.4	45.5
20	1.3	.9	2.2
21	6.1	.9	7.0
22	1.1	5.2	6.3
23	0.0	1.0	1.0
24	0.0	.5	.5
25	4.0	0.0	4.0
26	0.0	33.0	33.0
27	0.0	.2	.2
28	.8	.6	1.4
29	0.0	0.0	0.0
30	.2	0.0	.2
31			
	51.4	217.9	269.3

Mayo

Precipitación (mm) Día	Noche	Total
0.0	.7	.7
.4	0.0	.4
6.6	.1	6.7
1.6	0.0	1.6
.1	0.0	.1
2.4	0.0	2.4
.7	0.0	.7
0.0	0.0	0.0
10.7	0.0	10.7
0.0	10.1	10.1
.8	0.0	.8
0.0	5.4	5.4
0.0	0.0	0.0
7.2	.5	7.7
0.0	0.0	0.0
35.9	0.0	35.9
3.0	0.0	3.0
.7	0.0	.7
0.0	0.0	0.0
.2	0.0	.2
0.0	16.7	16.7
.5	0.0	.5
0.0	0.0	0.0
.6	0.0	.6
0.0	42.0	42.0
5.5	4.3	9.8
0.0	.2	.2
0.0	0.0	0.0
10.3	0.0	10.3
4.2	0.0	4.2
.1	8.7	8.8
91.5	88.7	180.2

Junio

Precipitación (mm) Día	Noche	Total
.7	0.0	.7
0.0	0.0	0.0
0.0	10.8	10.8
11.4	0.0	11.4
0.0	0.0	0.0
2.7	0.0	2.7
0.0	12.0	12.0
0.0	48.0	48.0
10.8	0.0	10.8
0.0	0.0	0.0
.4	19.9	20.3
.7	.7	1.4
3.2	.1	3.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	12.0	12.0
2.0	21.3	23.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
2.2	5.1	7.3
0.0	.4	.4
2.7	.8	3.5
11.8	0.0	11.8
0.0	0.0	0.0
0.0	18.7	18.7
.9	18.6	19.5
4.1	21.1	25.2
53.6	189.5	243.1

Estación : PLANTA DE TRATAMIENTO
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 48 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Julio

N°Día	Precipitación (mm) Día	Noche	Total
1	.1	0.0	.1
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	1.0	0.0	1.0
8	.2	0.0	.2
9	.5	0.0	.5
10	.8	0.0	.8
11	0.0	0.0	0.0
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	0.0	0.0	0.0
16	15.8	1.6	17.4
17	0.0	0.0	0.0
18	0.0	0.0	0.0
19	0.0	0.0	0.0
20	0.0	0.0	0.0
21	0.0	0.0	0.0
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	0.0	0.0	0.0
25	0.0	0.0	0.0
26	0.0	0.0	0.0
27	0.0	0.0	0.0
28	0.0	0.0	0.0
29	.1	0.0	.1
30	1.8	0.0	1.8
31	.3	4.2	4.5
	20.6	5.8	26.4

Agosto

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
.3	0.0	.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.2	0.0	.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
8.1	0.0	8.1
0.0	0.0	0.0
.3	0.0	.3
0.0	0.0	0.0
0.0	0.0	0.0
.8	0.0	.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.3	0.0	.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10.0	0.0	10.0

Septiembre

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
16.1	0.0	16.1
0.0	0.0	0.0
0.0	0.0	0.0
.1	77.2	77.3
4.6	4.0	8.6
0.0	37.7	37.7
3.0	4.6	7.6
0.0	0.0	0.0
0.0	0.0	0.0
.2	0.0	.2
0.0	5.3	5.3
0.0	0.0	0.0
5.9	0.0	5.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	22.9	22.9
0.0	.3	.3
1.2	0.0	1.2
0.0	.1	.1
1.3	8.9	10.2
0.0	55.2	55.2
2.5	9.0	11.5
.2	0.0	.2
1.3	0.0	1.3
3.0	0.0	3.0
1.1	0.0	1.1
.7	0.0	.7
0.0	0.0	0.0
41.2	225.2	266.4

Octubre

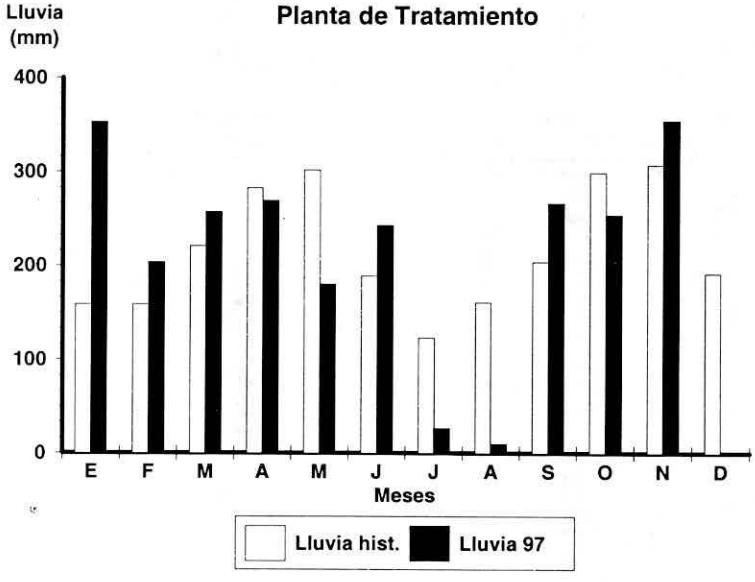
N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	28.6	0.0	28.6
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	0.0	5.2	5.2
11	.3	11.3	11.6
12	1.3	8.6	9.9
13	0.0	.1	.1
14	0.0	0.0	0.0
15	0.0	0.0	0.0
16	23.2	8.2	31.4
17	0.0	3.0	3.0
18	.3	6.9	7.2
19	0.0	0.0	0.0
20	2.0	61.8	63.8
21	0.0	61.4	61.4
22	1.6	0.0	1.6
23	0.0	0.0	0.0
24	.9	0.0	.9
25	0.0	0.0	0.0
26	0.0	0.0	0.0
27	7.4	0.0	7.4
28	.1	20.2	20.3
29	1.8	0.0	1.8
30	0.0	0.0	0.0
31	0.0	0.0	0.0
	67.5	186.7	254.2

Noviembre

Precipitación (mm) Día	Noche	Total
10.5	0.0	10.5
0.0	0.0	0.0
0.0	.3	.3
22.6	1.5	24.1
0.0	.9	.9
26.1	4.2	30.3
44.4	25.1	69.5
9.4	15.0	24.4
8.5	1.3	9.8
4.0	36.6	40.6
0.0	2.4	2.4
1.5	19.8	21.3
.5	26.3	26.8
9.7	.4	10.1
10.0	0.0	10.0
0.0	1.3	1.3
.9	0.0	.9
0.0	15.8	15.8
5.6	4.3	9.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.6	0.0	1.6
0.0	0.0	0.0
25.8	.3	26.1
0.0	0.0	0.0
5.3	0.0	5.3
0.0	0.0	0.0
9.8	.9	10.7
0.0	1.4	1.4
196.2	157.8	354.0

Diciembre

Precipitación (mm) Día	Noche	Total


Planta de Tratamiento
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 97

Estación : EL RECREO
Año : 1997

Dpto. : VALLE
Mpio. : ULLOA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 44 ' W
Altitud : 1410 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total
1	6.4	0.0	6.4
2	.4	2.3	2.7
3	2.9	0.0	2.9
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	.9	1.9	2.8
7	2.3	0.0	2.3
8	0.0	0.0	0.0
9	0.0	21.7	21.7
10	46.8	5.0	51.8
11	1.9	4.9	6.8
12	0.0	19.7	19.7
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	35.0	0.0	35.0
16	0.0	2.7	2.7
17	16.7	32.9	49.6
18	1.2	43.4	44.6
19	0.0	36.6	36.6
20	.1	0.0	.1
21	22.6	.5	23.1
22	0.0	.4	.4
23	25.8	.7	26.5
24	0.0	0.0	0.0
25	7.4	36.3	43.7
26	19.4	17.5	36.9
27	0.0	0.0	0.0
28	0.0	0.0	0.0
29	0.0	3.9	3.9
30	.9	1.4	2.3
31	0.0	30.1	30.1
	190.7	261.9	452.6

Febrero

Precipitación (mm) Día	Noche	Total
.1	.9	1.0
.1	0.0	.1
13.2	0.0	13.2
2.5	0.0	2.5
16.2	0.0	16.2
8.1	0.0	8.1
0.0	0.0	0.0
0.0	4.8	4.8
.1	6.1	6.2
.1	1.4	1.5
1.5	0.0	1.5
3.0	.3	3.3
0.0	0.0	0.0
.2	0.0	.2
20.6	11.7	32.3
10.8	7.8	18.6
8.8	3.3	12.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.2	.2
17.0	0.0	17.0
0.0	0.0	0.0
0.0	0.0	0.0
7.2	0.0	7.2
1.2	0.0	1.2
0.0	0.0	0.0
0.0	0.0	0.0
110.7	36.5	147.2

Marzo

Precipitación (mm) Día	Noche	Total
13.8	.2	14.0
0.0	0.0	0.0
5.5	0.0	5.5
2.4	.1	2.5
2.9	0.0	2.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.1	0.0	.1
0.0	0.0	0.0
0.0	1.9	1.9
0.0	36.0	36.0
4.4	0.0	4.4
0.0	0.0	0.0
.3	0.0	.3
14.2	71.2	85.4
3.5	1.8	5.3
.8	12.2	13.0
5.9	0.0	5.9
.4	2.0	2.4
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.2	0.0	.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.3	0.0	.3
7.4	2.5	9.9
62.1	127.9	190.0

Abril

N°Día	Precipitación (mm) Día	Noche	Total
1	.5	0.0	.5
2	.1	0.0	.1
3	0.0	3.8	3.8
4	.2	0.0	.2
5	6.1	0.0	6.1
6	1.5	1.7	3.2
7	0.0	0.0	0.0
8	.5	0.0	.5
9	0.0	.1	.1
10	11.7	.5	12.2
11	.7	0.0	.7
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	.1	.1
15	1.2	0.0	1.2
16	0.0	0.0	0.0
17	5.6	2.3	7.9
18	14.9	0.0	14.9
19	6.3	52.3	58.6
20	3.5	0.0	3.5
21	3.7	1.9	5.6
22	32.8	.5	33.3
23	0.0	0.0	0.0
24	0.0	.2	.2
25	1.6	0.0	1.6
26	.2	29.5	29.7
27	0.0	5.3	5.3
28	.1	1.6	1.7
29	0.0	0.0	0.0
30	0.0	0.0	0.0
31			
	91.2	99.8	191.0

Mayo

Precipitación (mm) Día	Noche	Total
3.7	0.0	3.7
0.0	0.0	0.0
.1	.4	.5
36.2	0.0	36.2
1.6	0.0	1.6
.8	0.0	.8
16.8	0.0	16.8
0.0	0.0	0.0
2.2	.1	2.3
2.1	19.5	21.6
2.1	0.0	2.1
0.0	29.3	29.3
6.1	0.0	6.1
27.9	0.0	27.9
0.0	0.0	0.0
.5	0.0	.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
4.4	0.0	4.4
0.0	0.0	0.0
0.0	0.0	0.0
1.8	3.0	4.8
1.3	18.6	19.9
0.0	0.0	0.0
0.0	0.0	0.0
.4	0.0	.4
1.8	0.0	1.8
0.0	0.0	0.0
109.8	70.9	180.7

Junio

Precipitación (mm) Día	Noche	Total
.2	0.0	.2
0.0	0.0	0.0
0.0	13.8	13.8
9.6	0.0	9.6
0.0	0.0	0.0
13.3	26.8	40.1
2.3	16.5	18.8
.9	0.0	.9
18.7	.5	19.2
0.0	25.9	25.9
.2	6.2	6.4
.7	0.0	.7
11.0	0.0	11.0
1.7	0.0	1.7
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
6.7	43.7	50.4
1.1	0.0	1.1
.4	2.2	2.6
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.4	.4
7.6	.1	7.7
32.4	8.1	40.5
6.4	0.0	6.4
3.0	0.0	3.0
0.0	.2	.2
0.0	19.3	19.3
1.8	1.6	3.4
118.0	165.3	283.3

Estación : EL RECREO
Año : 1997

Dpto. : VALLE
Mpio. : ULLOA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 44 ' W
Altitud : 1410 m

Julio

N°Dia	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	4.8	0.0	4.8
8	.2	.1	.3
9	0.0	0.0	0.0
10	5.4	0.0	5.4
11	0.0	0.0	0.0
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	0.0	0.0	0.0
16	19.3	4.8	24.1
17	0.0	0.0	0.0
18	0.0	0.0	0.0
19	0.0	0.0	0.0
20	0.0	0.0	0.0
21	0.0	0.0	0.0
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	0.0	0.0	0.0
25	0.0	0.0	0.0
26	0.0	0.0	0.0
27	0.0	0.0	0.0
28	0.0	0.0	0.0
29	1.9	0.0	1.9
30	1.3	.4	1.7
31	0.0	0.0	0.0
	32.9	5.3	38.2

Agosto

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.9	0.0	.9
.6	0.0	.6
5.7	0.0	5.7
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.3	0.0	1.3
.2	0.0	.2
8.5	0.0	8.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
2.6	0.0	2.6
19.8	0.0	19.8

Septiembre

Precipitación (mm) Día	Noche	Total
1.9	0.0	1.9
.3	0.0	.3
.7	0.0	.7
0.0	0.0	0.0
0.0	27.1	27.1
0.0	1.0	1.0
12.4	13.8	26.2
.8	1.5	2.3
0.0	.2	.2
0.0	0.0	0.0
0.0	0.0	0.0
.3	0.0	.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.7	1.0	2.7
47.9	0.0	47.9
22.7	.6	23.3
22.3	1.4	23.7
.1	9.9	10.0
5.6	.2	5.8
0.0	0.0	0.0
1.8	0.0	1.8
7.3	0.0	7.3
0.0	0.0	0.0
0.0	0.0	0.0
1.5	0.0	1.5
127.3	56.7	184.0

Octubre

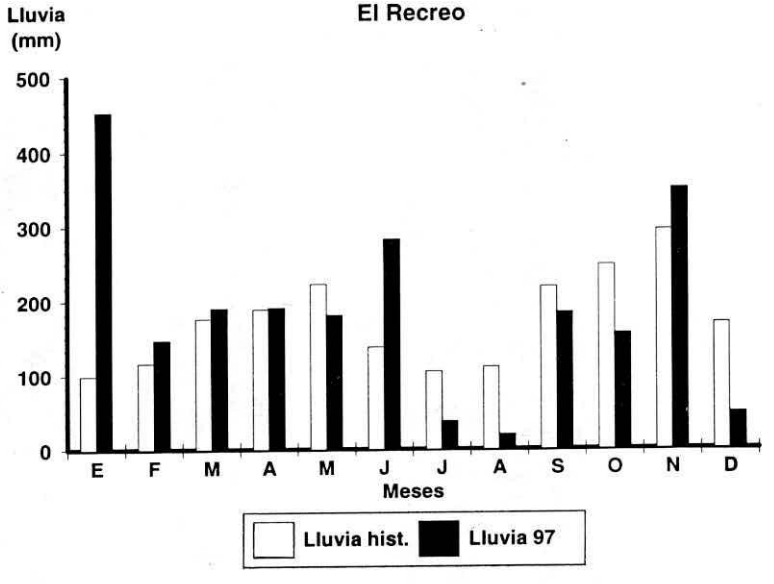
N°Dia	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	.6	0.0	.6
3	0.0	0.0	0.0
4	1.9	0.0	1.9
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	0.0	42.9	42.9
11	3.5	8.6	12.1
12	0.0	6.8	6.8
13	2.4	2.0	4.4
14	0.0	0.0	0.0
15	0.0	0.0	0.0
16	.4	5.8	6.2
17	0.0	0.0	0.0
18	0.0	5.6	5.6
19	0.0	0.0	0.0
20	.2	2.0	2.2
21	0.0	61.3	61.3
22	4.4	0.0	4.4
23	0.0	0.0	0.0
24	0.0	0.0	0.0
25	0.0	0.0	0.0
26	0.0	0.0	0.0
27	.1	0.0	.1
28	1.2	3.5	4.7
29	0.0	0.0	0.0
30	0.0	0.0	0.0
31	2.7	0.0	2.7
	17.4	138.5	155.9

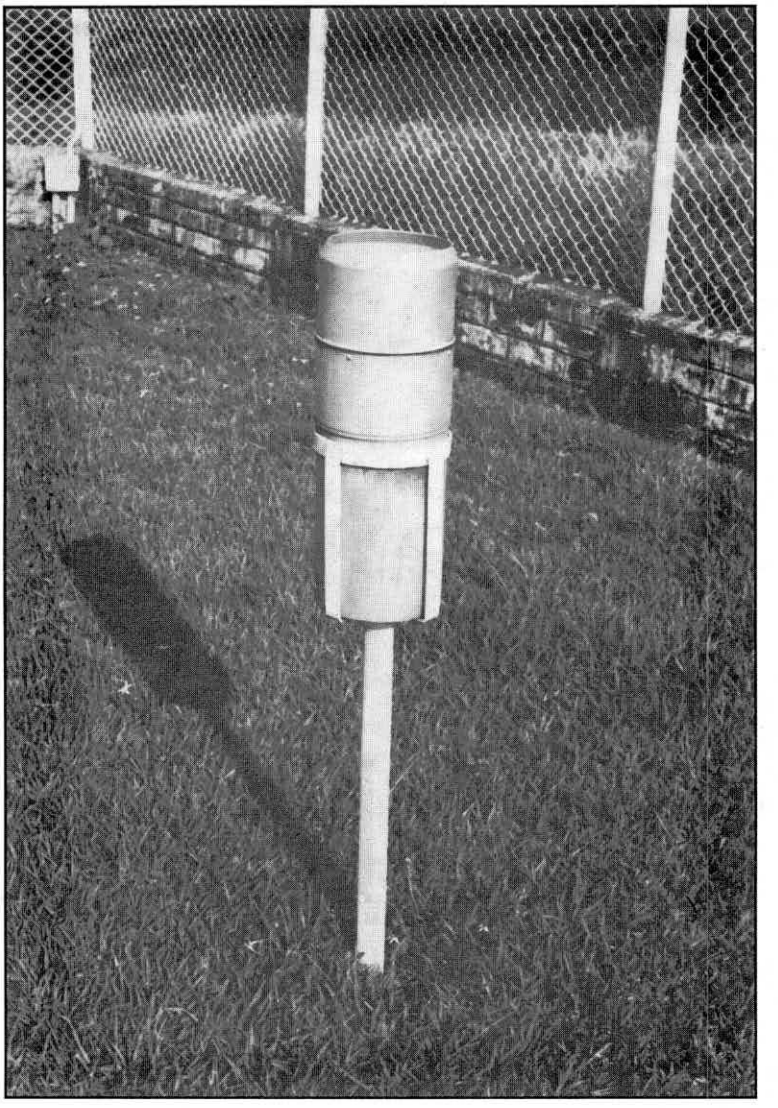
Noviembre

Precipitación (mm) Día	Noche	Total
46.7	0.0	46.7
.7	0.0	.7
0.0	0.0	0.0
13.1	0.0	13.1
.6	6.4	7.0
16.4	.6	17.0
39.6	31.7	71.3
12.4	4.6	17.0
2.8	.3	3.1
5.0	.1	5.1
.8	.3	1.1
17.1	18.0	35.1
2.5	3.4	5.9
11.3	0.0	11.3
5.7	0.0	5.7
0.0	23.3	23.3
.2	0.0	.2
0.0	0.0	0.0
10.3	0.0	10.3
16.9	0.0	16.9
0.0	0.0	0.0
0.0	0.0	0.0
15.2	0.0	15.2
2.7	8.1	10.8
23.7	.4	24.1
5.5	.1	5.6
0.0	0.0	0.0
2.9	0.0	2.9
.1	1.6	1.7
0.0	0.0	0.0
252.2	98.9	351.1

Diciembre

Precipitación (mm) Día	Noche	Total
0.0	4.7	4.7
4.8	6.0	10.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.5	0.0	.5
.4	0.0	.4
2.5	0.0	2.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.1	0.0	.1
3.6	9.9	13.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
2.9	0.0	2.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
13.1	.1	13.2
0.0	.1	0.0
27.9	20.8	48.6


El Recreo
Lluvia
(mm)
500
400
300
200
100
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Meses
Lluvia hist.
Lluvia 97



ESTACIONES PLUVIOMETRICAS

Estación : CARIMAGUA
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : AMAGA

Latitud : 6 ° 1 ' N
Longitud : 75 ° 41 ' W
Altitud : 1750 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1			0.0	2.0		8.0	0.0	0.0	20.0	2.0	0.0	0.0	
2			13.0	1.0		0.0	0.0	0.0	19.0	52.0	1.0	8.0	
3			0.0	10.0		6.0	0.0	0.0	0.0	5.0	3.0	0.0	
4			0.0	16.0		20.0	0.0	0.0	0.0	5.0	0.0	0.0	
5			0.0	8.0		9.0	0.0	0.0	7.0	0.0	0.0	0.0	
6			0.0	0.0		3.0	0.0	0.0	7.0	0.0	23.0	0.0	
7			0.0	0.0		11.0	0.0	0.0	18.0	0.0	52.0	0.0	
8			0.0	0.0		10.0	0.0	0.0	30.0	0.0	21.0	0.0	
9			2.0	0.0		2.0	0.0	0.0	0.0	15.0	8.0	0.0	
10			10.0	13.0		9.0	0.0	0.0	0.0	6.0	7.0	0.0	
11			13.0	0.0		13.0	0.0	0.0	51.0	0.0	7.0	0.0	
12			0.0	0.0		15.0	0.0	0.0	5.0	0.0	0.0	0.0	
13			13.0	10.0		2.0	0.0	0.0	0.0	0.0	6.0	0.0	
14			7.0	30.0		5.0	0.0	0.0	0.0	0.0	7.0	0.0	
15			10.0	0.0		1.0	0.0	0.0	0.0	0.0	7.0	0.0	
16			20.0	5.0		12.0	0.0	0.0	0.0	8.0	10.0	0.0	
17			10.0	0.0		5.0	0.0	0.0	0.0	0.0	5.0	0.0	
18			12.0	25.0		2.0	0.0	0.0	0.0	2.0	18.0	0.0	
19			13.0	29.0		8.0	0.0	0.0	6.0	4.0	14.0	0.0	
20			19.0	10.0		11.0	0.0	0.0	3.0	9.0	3.0	0.0	
21			0.0	15.0		1.0	0.0	0.0	41.0	41.0	0.0	0.0	
22			1.0	4.0		6.0	0.0	0.0	6.0	3.0	2.0	0.0	
23			0.0	2.0		0.0	0.0	0.0	28.0	0.0	0.0	0.0	
24			0.0	1.0		0.0	0.0	0.0	3.0	0.0	9.0	0.0	
25			0.0	0.0		3.0	0.0	0.0	8.0	0.0	0.0	0.0	
26			5.0	25.0		0.0	0.0	0.0	9.0	0.0	0.0	0.0	
27			0.0	10.0		0.0	0.0	0.0	33.0	1.0	0.0	0.0	
28			0.0	5.0		0.0	0.0	0.0	0.0	2.0	0.0	0.0	
29			0.0	31.0		0.0	20.0	0.0	0.0	0.0	0.0	10.0	
30			0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	12.0	
31			0.0				0.0	0.0		0.0		0.0	
Total			148.0	252.0		162.0	20.0	0.0	294.0	155.0	203.0	30.0	Anual
Días LI.			14	20		22	1	0	17	14	18	3	

Estación : BARILOCHE
Año : 1997

Dpto. : ANTIOQUIA
Mpio. : FREDONIA

Latitud : 5 ° 55 ' N
Longitud : 75 ° 42 ' W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	4.0	9.0	7.0	4.0	0.0	1.0	0.0	0.0	22.0	8.0	0.0	9.0	
2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	13.0	14.0	12.0	
3	0.0	29.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	11.0	0.0	0.0	
5	0.0	6.0	5.0	0.0	14.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	19.0	17.0	7.0	0.0	0.0	12.0	0.0	41.0	0.0	
7	4.0	28.0	0.0	0.0	0.0	8.0	0.0	0.0	20.0	0.0	0.0	0.0	
8	0.0	8.0	0.0	22.0	0.0	0.0	0.0	0.0	69.0	0.0	50.0	0.0	
9	8.0	0.0	8.0	0.0	56.0	0.0	0.0	0.0	0.0	23.0	9.0	0.0	
10	6.0	12.0	3.0	0.0	51.0	12.0	0.0	0.0	0.0	3.0	9.0	0.0	
11	0.0	14.0	0.0	0.0	0.0	45.0	0.0	2.0	0.0	1.0	0.0	0.0	
12	31.0	0.0	0.0	0.0	9.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
14	0.0	10.0	0.0	0.0	26.0	4.0	0.0	0.0	0.0	0.0	4.0	0.0	
15	2.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	15.0	0.0	
16	9.0	0.0	15.0	18.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	16.0	
17	5.0	7.0	33.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	14.0	10.0	0.0	2.0	
19	0.0	0.0	36.0	16.0	0.0	0.0	0.0	0.0	1.0	0.0	24.0	0.0	
20	0.0	0.0	15.0	30.0	0.0	9.0	0.0	0.0	56.0	20.0	29.0	0.0	
21	0.0	0.0	5.0	28.0	13.0	0.0	0.0	0.0	0.0	63.0	4.0	0.0	
22	11.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
24	23.0	0.0	0.0	0.0	0.0	27.0	0.0	2.0	14.0	0.0	28.0	0.0	
25	0.0	0.0	0.0	2.0	4.0	21.0	0.0	1.0	2.0	0.0	6.0	0.0	
26	12.0	0.0	0.0	0.0	39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	3.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	3.0	0.0	4.0	0.0	0.0	0.0	0.0	17.0	
30	4.0		3.0	0.0	28.0	9.0	2.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		11.0	0.0		30.0		7.0	
Total	122.0	144.0	133.0	194.0	266.0	229.0	17.0	5.0	287.0	202.0	250.0	63.0	Anual 1912.0
Días LI.	13	10	11	13	12	15	3	3	14	11	14	6	

Estación : CUATRO ESQUINAS
Año : 1997

Dpto. : CALDAS
Mpio. : AGUADAS

Latitud : 5 ° 40 ' N
Longitud : 75 ° 25 ' W
Altitud : 1900 m

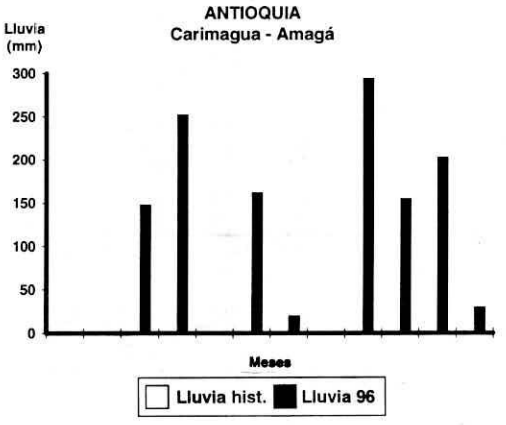
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	5.0	5.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	5.0	0.0	0.0	
3	15.0	25.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	7.0	0.0	0.0	
4	0.0	0.0	0.0	5.0	2.0	15.0	0.0	0.0	0.0	3.0	1.0	1.0	
5	0.0	2.0	0.0	0.0	1.0	13.0	0.0	0.0	22.0	0.0	9.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	2.0	0.0	15.0	0.0	
7	0.0	1.0	0.0	0.0	0.0	49.0	0.0	0.0	26.0	0.0	17.0	5.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	
9	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	16.0	5.0	13.0	0.0	
10	15.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	1.0	3.0	0.0	
11	0.0	0.0	0.0	0.0	7.0	30.0	0.0	0.0	0.0	5.0	0.0	0.0	
12	0.0	0.0	8.0	0.0	8.0	0.0	0.0	0.0	0.0	3.0	9.0	0.0	
13	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
15	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	8.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
17	11.0	0.0	5.0	0.0	0.0	2.0	0.0	0.0	0.0	9.0	0.0	0.0	
18	0.0	0.0	7.0	0.0	0.0	1.0	0.0	0.0	0.0	16.0	16.0	0.0	
19	0.0	0.0	2.0	10.0	0.0	0.0	0.0	0.0	6.0	0.0	7.0	0.0	
20	0.0	0.0	4.0	25.0	0.0	0.0	0.0	0.0	2.0	15.0	5.0	0.0	
21	0.0	15.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
23	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
24	10.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	2.0	5.0	2.0	0.0	
25	7.0	0.0	0.0	0.0	30.0	5.0	0.0	0.0	32.0	4.0	35.0	0.0	
26	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	37.0	2.0	5.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	10.0		0.0	0.0	0.0	5.0	3.0	0.0	0.0	0.0	0.0	0.0	
30	9.0		7.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	2.0	0.0	
31	0.0		0.0		0.0		0.0	2.0		3.0		0.0	
Total	140.0	43.0	47.0	61.0	71.0	126.0	8.0	2.0	160.0	89.0	184.0	18.0	Anual 949.0
Días Ll.	11	4	9	6	8	10	2	1	14	16	18	4	

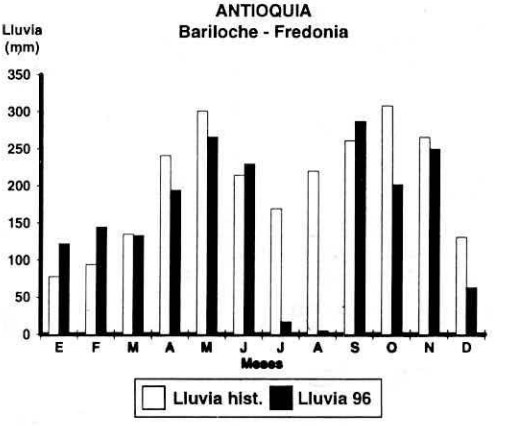
Estación : GUAYMARAL
Año : 1997

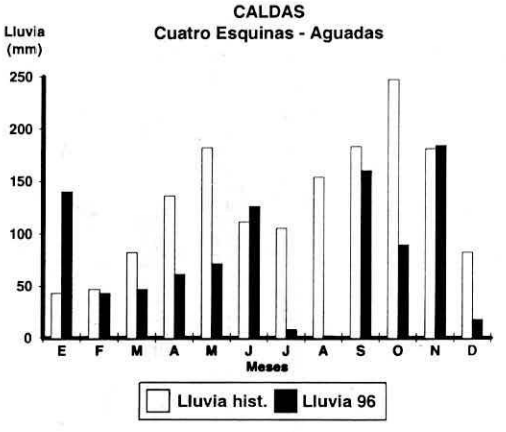
Dpto. : CALDAS
Mpio. : AGUADAS

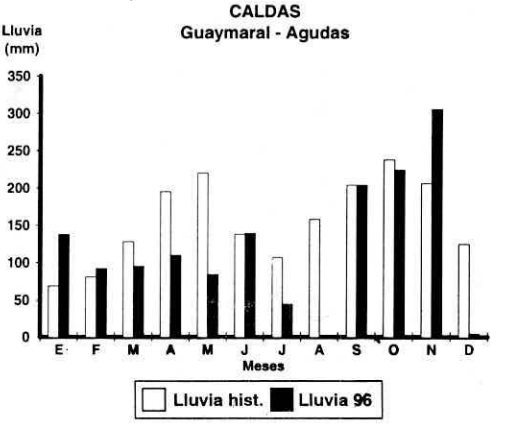
Latitud : 5 ° 39 ' N
Longitud : 75 ° 27 ' W
Altitud : 1600 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	3.0	3.0	2.0	1.0	0.0	12.0	0.0	0.0	10.0	0.0	0.0	4.0	
2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	25.0	0.0	0.0	
3	0.0	3.0	0.0	4.0	0.0	2.0	0.0	0.0	0.0	5.0	0.0	0.0	
4	0.0	8.0	0.0	1.0	0.0	7.0	0.0	0.0	4.0	14.0	40.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	25.0	0.0	0.0	0.0	
6	0.0	27.0	0.0	0.0	0.0	10.0	0.0	0.0	4.0	0.0	12.0	0.0	
7	0.0	1.0	0.0	0.0	0.0	14.0	0.0	0.0	40.0	0.0	8.0	0.0	
8	3.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	10.0	0.0	
9	20.0	9.0	0.0	0.0	10.0	0.0	0.0	0.0	5.0	0.0	48.0	0.0	
10	13.0	4.0	4.0	0.0	13.0	4.0	0.0	0.0	0.0	50.0	1.0	0.0	
11	0.0	12.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	20.0	23.0	0.0	
12	0.0	12.0	10.0	0.0	6.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	1.0	11.0	0.0	0.0	0.0	5.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
15	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	
16	10.0	1.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	
17	4.0	10.0	12.0	13.0	0.0	6.0	0.0	0.0	0.0	20.0	10.0	0.0	
18	0.0	0.0	14.0	0.0	0.0	11.0	0.0	0.0	0.0	26.0	0.0	0.0	
19	0.0	2.0	3.0	14.0	0.0	0.0	0.0	0.0	10.0	0.0	26.0	0.0	
20	0.0	0.0	9.0	21.0	0.0	0.0	0.0	0.0	0.0	7.0	3.0	0.0	
21	4.0	0.0	0.0	8.0	12.0	0.0	0.0	0.0	30.0	18.0	0.0	0.0	
22	0.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	4.0	4.0	0.0	0.0	
23	7.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	28.0	0.0	24.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	33.0	0.0	
25	10.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	25.0	0.0	1.0	0.0	
26	62.0	0.0	1.0	9.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	20.0	0.0	8.0	0.0	0.0	0.0	1.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	7.0	5.0	6.0	0.0	0.0	4.0	0.0	0.0	
30	0.0		0.0	0.0	2.0	2.0	22.0	0.0	0.0	0.0	4.0	0.0	
31	0.0		11.0		3.0		14.0	0.0		0.0		0.0	
Total	138.0	92.0	95.0	110.0	84.0	139.0	45.0	0.0	204.0	224.0	305.0	4.0	Anual 1440.0
Días Ll.	12	12	11	11	12	16	4	0	14	14	17	1	


ANTIOQUIA
Carimagua - Amagá
Lluvia (mm)
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


ANTIOQUIA
Bariloche - Fredonia
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
Cuatro Esquinas - Aguadas
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
Guaymaral - Agudas
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : LA LINDA
Año : 1997

Dpto. : CALDAS
Mpio. : PACORA

Latitud : 5 ° 33 ' N
Longitud : 75 ° 32 ' W
Altitud : 1750 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	19.0	19.0	6.0	10.0	0.0	2.0	0.0	0.0	18.0	0.0	3.0	7.0	
2	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	58.0	6.0	0.0	
3	0.0	4.0	0.0	31.0	0.0	29.0	0.0	0.0	0.0	6.0	0.0	0.0	
4	0.0	16.0	4.0	5.0	4.0	9.0	0.0	0.0	1.0	33.0	2.0	0.0	
5	7.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0	27.0	0.0	9.0	0.0	
6	9.0	0.0	0.0	3.0	0.0	23.0	0.0	0.0	10.0	0.0	35.0	0.0	
7	0.0	2.0	0.0	0.0	0.0	49.0	0.0	0.0	7.0	5.0	5.0	0.0	
8	4.0	0.0	0.0	30.0	0.0	3.0	1.0	0.0	12.0	0.0	20.0	0.0	
9	44.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	29.0	0.0	
10	11.0	1.0	8.0	3.0	30.0	36.0	0.0	1.0	0.0	35.0	1.0	0.0	
11	0.0	2.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	20.0	24.0	0.0	
12	0.0	22.0	14.0	1.0	0.0	0.0	0.0	0.0	0.0	15.0	6.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	19.0	2.0	0.0	
14	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0	
15	10.0	2.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	3.0	0.0	
16	5.0	0.0	41.0	24.0	0.0	2.0	0.0	0.0	0.0	23.0	1.0	0.0	
17	0.0	0.0	4.0	21.0	10.0	4.0	0.0	0.0	0.0	11.0	0.0	0.0	
18	0.0	0.0	8.0	1.0	0.0	20.0	0.0	0.0	5.0	29.0	0.0	0.0	
19	0.0	25.0	0.0	135.0	0.0	2.0	0.0	8.0	2.0	0.0	0.0	0.0	
20	0.0	27.0	1.0	5.0	0.0	0.0	0.0	0.0	1.0	16.0	0.0	0.0	
21	10.0	0.0	0.0	2.0	20.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	
22	8.0	3.0	7.0	5.0	5.0	0.0	0.0	0.0	4.0	0.0	1.0	0.0	
23	4.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	40.0	0.0	3.0	0.0	
24	3.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	54.0	0.0	
25	0.0	5.0	0.0	3.0	15.0	10.0	0.0	0.0	15.0	0.0	0.0	0.0	
26	0.0	4.0	0.0	18.0	33.0	8.0	0.0	0.0	3.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	1.0	9.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
29	0.0		0.0	0.0	7.0	1.0	12.0	0.0	0.0	0.0	0.0	9.0	
30	0.0		6.0	0.0	3.0	3.0	9.0	0.0	2.0	10.0	8.0	0.0	
31	0.0		3.0		4.0		23.0	4.0		0.0		0.0	
													Anual
Total	134.0	139.0	105.0	306.0	153.0	217.0	45.0	13.0	183.0	302.0	217.0	18.0	1832.0
Días LI.	12	15	12	20	14	17	4	3	18	16	19	3	

Estación : EL DESCANSO
Año : 1997

Dpto. : CALDAS
Mpio. : MARMATO

Latitud : 5 ° 30 ' N
Longitud : 75 ° 37 ' W
Altitud : 1800 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	2.0	55.0	8.0	15.0	0.0	0.0	0.0	0.0	3.0	2.0	0.0	3.0	
2	3.0	0.0	11.0	10.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	5.0	0.0	0.0	
4	0.0	3.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	49.0	0.0	0.0	
5	9.0	4.0	0.0	0.0	0.0	5.0	0.0	0.0	30.0	0.0	7.0	0.0	
6	40.0	61.0	0.0	0.0	0.0	100.0	0.0	0.0	9.0	0.0	23.0	0.0	
7	0.0	0.0	0.0	30.0	0.0	20.0	0.0	0.0	23.0	0.0	19.0	0.0	
8	15.0	32.0	0.0	0.0	0.0	2.0	0.0	0.0	13.0	0.0	23.0	0.0	
9	15.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	1.0	13.0	0.0	0.0	
10	20.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	12.0	38.0	0.0	
11	0.0	0.0	0.0	0.0	15.0	40.0	0.0	0.0	0.0	3.0	1.0	0.0	
12	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0	15.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
15	10.0	0.0	20.0	0.0	3.0	25.0	6.0	0.0	0.0	20.0	0.0	0.0	
16	9.0	9.0	10.0	32.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
17	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
18	0.0	0.0	25.0	11.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0	0.0	
19	0.0	42.0	0.0	23.0	0.0	0.0	0.0	0.0	20.0	35.0	0.0	0.0	
20	2.0	6.0	5.0	6.0	0.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0	
21	0.0	0.0	0.0	6.0	20.0	0.0	0.0	0.0	76.0	0.0	0.0	0.0	
22	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
23	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	30.0	0.0	
24	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
25	5.0	0.0	0.0	0.0	29.0	6.0	0.0	0.0	4.0	0.0	0.0	0.0	
26	3.0	0.0	0.0	21.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
28	0.0	0.0	0.0	10.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	3.0	5.0	0.0	14.0	0.0	3.0	0.0	
31	10.0		0.0		9.0		10.0	0.0		0.0		0.0	
													Anual
Total	167.0	223.0	104.0	194.0	131.0	320.0	21.0	0.0	234.0	193.0	171.0	22.0	1780.0
Días LI.	15	9	8	12	7	13	3	0	15	14	11	3	

Estación : HOGAR JUVENIL
Año : 1997

Dpto. : CALDAS
Mpio. : PENSILVANIA

Latitud : 5 ° 30 ' N
Longitud : 75 ° 11 ' W
Altitud : 1500 m

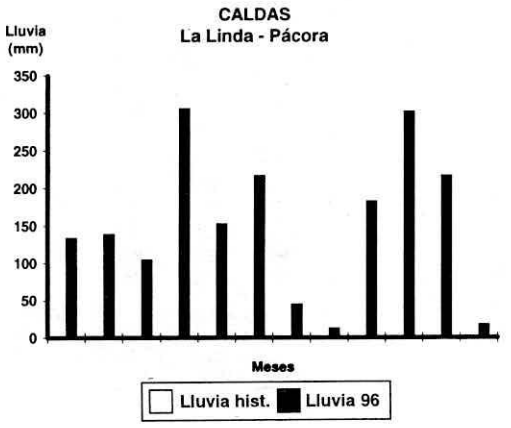
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	4.0	6.0	20.0		0.0	1.0	1.0	0.0	19.0	19.0	0.0	5.0	
2	10.0	29.0	6.0		0.0	0.0	0.0	0.0	0.0	0.0	6.0	15.0	
3	2.0	49.0	0.0		0.0	0.0	0.0	0.0	5.0	35.0	0.0	0.0	
4	0.0	20.0	14.0		0.0	3.0	0.0	0.0	65.0	15.0	14.0	0.0	
5	0.0	0.0	0.0		0.0	27.0	0.0	0.0	30.0	5.0	0.0	0.0	
6	1.0	70.0	4.0		1.0	6.0	0.0	0.0	28.0	0.0	15.0	0.0	
7	0.0	96.0	0.0		0.0	54.0	0.0	0.0	45.0	0.0	54.0	0.0	
8	30.0	0.0	0.0		2.0	13.0	0.0	0.0	12.0	0.0	0.0	0.0	
9	21.0	35.0	1.0		1.0	10.0	1.0	0.0	19.0	55.0	49.0	0.0	
10	1.0	0.0	4.0		80.0	14.0	0.0	0.0	0.0	32.0	4.0	20.0	
11	25.0	61.0	19.0		0.0	100.0	0.0	0.0	0.0	25.0	9.0	25.0	
12	3.0	43.0	10.0		37.0	0.0	0.0	0.0	0.0	20.0	0.0	5.0	
13	0.0	0.0	15.0		40.0	15.0	0.0	0.0	0.0	29.0	15.0	44.0	
14	2.0	0.0	0.0		2.0	0.0	0.0	0.0	0.0	0.0	20.0	24.0	
15	27.0	24.0	4.0		0.0	30.0	0.0	20.0	0.0	6.0	5.0	1.0	
16	15.0	34.0	34.0		10.0	4.0	0.0	14.0	0.0	39.0	0.0	1.0	
17	0.0	4.0	22.0		0.0	10.0	0.0	0.0	0.0	22.0	29.0	28.0	
18	1.0	10.0	18.0		0.0	35.0	0.0	0.0	0.0	18.0	19.0	15.0	
19	0.0	19.0	11.0		0.0	0.0	0.0	0.0	5.0	0.0	10.0	0.0	
20	35.0	2.0	11.0		0.0	0.0	0.0	0.0	11.0	23.0	30.0	0.0	
21	0.0	4.0	0.0		0.0	0.0	0.0	0.0	10.0	61.0	1.0	5.0	
22	25.0	46.0	0.0		35.0	0.0	0.0	0.0	70.0	40.0	6.0	0.0	
23	29.0	16.0	0.0		6.0	0.0	0.0	0.0	15.0	36.0	11.0	0.0	
24	7.0	14.0	30.0		0.0	0.0	0.0	0.0	45.0	0.0	10.0	0.0	
25	0.0	4.0	34.0		18.0	20.0	0.0	0.0	80.0	25.0	1.0	0.0	
26	15.0	0.0	0.0		10.0	4.0	0.0	0.0	0.0	0.0	1.0	0.0	
27	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
28	0.0	1.0	6.0		13.0	34.0	0.0	0.0	0.0	0.0	1.0	0.0	
29	5.0		38.0		0.0	8.0	10.0	0.0	0.0	41.0	26.0	19.0	
30	6.0		1.0		11.0	4.0	85.0	0.0	2.0	0.0	72.0	10.0	
31	2.0		6.0		34.0		27.0	6.0		50.0		98.0	
Total	266.0	587.0	308.0		300.0	392.0	124.0	40.0	461.0	596.0	415.0	315.0	Anual
Días LI.	21	21	21		15	19	5	3	16	20	24	15	

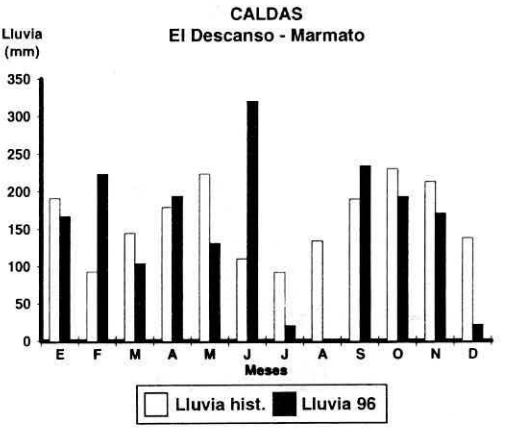
Estación : LA CASCADA
Año : 1997

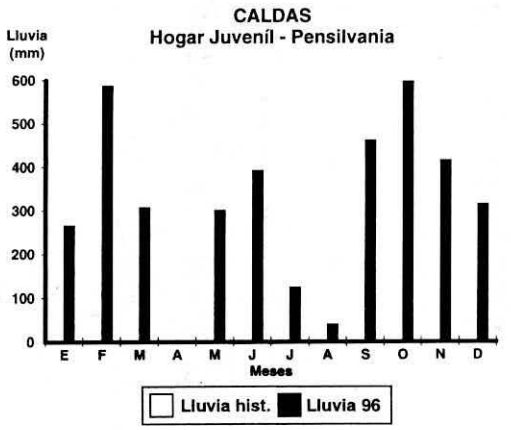
Dpto. : CALDAS
Mpio. : PACORA

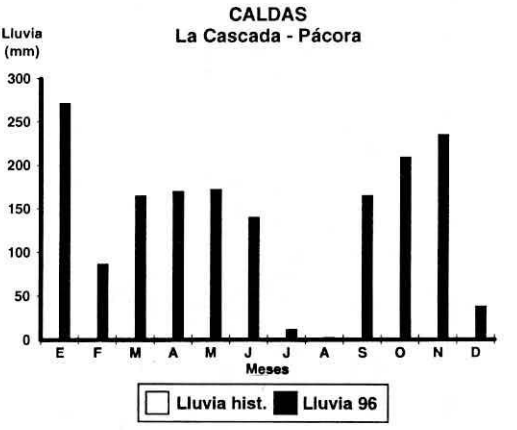
Latitud : 5 ° 28 ' N
Longitud : 75 ° 33 ' W
Altitud : 1600 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	60.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0	0.0	
3	0.0	0.0	0.0	15.0	0.0	20.0	0.0	0.0	0.0	27.0	0.0	0.0	
4	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	49.0	0.0	0.0	0.0	
5	6.5	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
6	0.0	12.5	0.0	0.0	27.0	70.0	0.0	0.0	35.0	0.0	17.0	0.0	
7	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	12.0	0.0	
8	39.5	0.0	0.0	3.0	0.0	2.0	0.0	0.0	1.0	7.0	37.0	0.0	
9	22.5	0.0	15.0	0.0	33.0	0.0	0.0	0.0	0.0	5.0	4.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	20.0	40.0	0.0	
11	0.0	5.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	
12	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	50.0	0.0	
13	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	
14	22.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
15	11.5	1.0	60.0	20.0	16.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	
16	0.0	0.0	5.0	6.0	0.0	0.0	0.0	0.0	0.0	10.0	4.0	0.0	
17	0.0	0.0	7.0	0.0	0.0	6.0	0.0	0.0	0.0	18.0	2.0	0.0	
18	0.0	44.0	0.0	11.0	0.0	0.0	0.0	3.0	7.0	0.0	20.0	0.0	
19	0.0	2.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
20	14.5	7.0	44.0	0.0	12.0	0.0	0.0	0.0	11.0	4.0	0.0	0.0	
21	37.5	0.0	0.0	48.0	0.0	0.0	0.0	0.0	6.0	1.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
23	36.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
24	0.0	0.0	0.0	4.0	40.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	35.0	17.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	4.0	7.0	0.0	0.0	0.0	1.0	0.0	0.0	
28	0.0	3.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		5.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	10.0	3.0	12.0	0.0	0.0	0.0	15.0	28.0	
31	49.5		3.0		0.0		0.0	0.0		0.0		0.0	
Total	271.5	86.5	165.0	170.0	172.0	140.0	12.0	3.0	165.0	209.0	235.0	38.0	Anual 1667.0
Días LI.	11	8	9	12	10	9	1	1	12	16	14	2	


CALDAS
La Linda - Pácora
Lluvia (mm)
350
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


CALDAS
El Descanso - Marmato
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
Hogar Juveníl - Pensilvania
Lluvia (mm)
600
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Cascada - Pácora
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : GUACAS
Año : 1997

Dpto. : CALDAS
Mpio. : PENSILVANIA

Latitud : 5 ° 28 ' N
Longitud : 75 ° 10 ' W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1			20.0	20.0	30.0	0.0	0.0	0.0	10.0	20.0	0.0	30.0	
2			10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
3			0.0	40.0	0.0	10.0	0.0	0.0	3.0	0.0	20.0	0.0	
4			0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	
5			0.0	0.0	0.0	20.0	0.0	0.0	20.0	0.0	25.0	0.0	
6			0.0	0.0	0.0	20.0	0.0	0.0	25.0	0.0	30.0	0.0	
7			0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	40.0	0.0	
8			0.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	
9		20.0	10.0	10.0	0.0	30.0	0.0	0.0	15.0	20.0	20.0	0.0	
10		30.0	10.0	10.0	20.0	20.0	0.0	0.0	0.0	20.0	50.0	0.0	
11		10.0	20.0	0.0	0.0	10.0	0.0	0.0	0.0	30.0	30.0	13.0	
12		20.0	30.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	30.0	10.0	
13		40.0	30.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	20.0	42.0	
14		10.0	40.0	0.0	20.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
15		0.0	40.0	0.0	0.0	0.0	0.0	20.0	0.0	20.0	0.0	0.0	
16		0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	50.0	40.0	0.0	
17		20.0	20.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
18		40.0	0.0	20.0	0.0	0.0	0.0	0.0	20.0	10.0	20.0	36.0	
19		30.0	0.0	0.0	0.0	10.0	0.0	0.0	20.0	50.0	20.0	0.0	
20		10.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0	40.0	10.0	0.0	
21		10.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0	
22		10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	20.0	0.0	0.0	
23		20.0	0.0	0.0	20.0	10.0	0.0	0.0	20.0	10.0	20.0	0.0	
24		10.0	0.0	0.0	20.0	5.0	0.0	0.0	10.0	50.0	20.0	0.0	
25		20.0	20.0	30.0	30.0	0.0	0.0	0.0	10.0	0.0	30.0	32.0	
26		30.0	30.0	20.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	
27		0.0	30.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28		20.0	10.0	10.0	0.0	0.0	30.0	0.0	20.0	0.0	20.0	12.0	
29			10.0	20.0	0.0	0.0	40.0	0.0	10.0	0.0	20.0	15.0	
30			0.0	20.0	0.0	0.0	55.0	0.0	25.0	0.0	20.0	76.0	
31			20.0		0.0		0.0	5.0		0.0		0.0	
Total			360.0	270.0	190.0	160.0	125.0	25.0	243.0	390.0	555.0	287.0	Anual
Días LI.			17	15	9	12	3	2	16	17	23	10	

Estación : LA ARGENTINA
Año : 1997

Dpto. : CALDAS
Mpio. : RIOSUCIO

Latitud : 5 ° 28 ' N
Longitud : 75 ° 42 ' W
Altitud : 1420 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	10.0	34.0	0.0	5.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	9.0	
2	24.0	0.0	8.0	26.0	0.0	0.0	0.0	0.0	2.0	4.0	0.0	1.0	
3	0.0	1.0	0.0	35.0	2.0	1.0	1.0	0.0	0.0	9.0	0.0	0.0	
4	0.0	16.0	6.0	0.0	0.0	25.0	0.0	0.0	5.0	18.0	3.0	0.0	
5	0.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	
6	23.0	13.0	0.0	29.0	5.0	18.0	0.0	0.0	3.0	0.0	22.0	0.0	
7	0.0	0.0	0.0	0.0	3.0	21.0	0.0	0.0	29.0	0.0	22.0	0.0	
8	2.0	0.0	0.0	8.0	0.0	2.0	2.0	0.0	14.0	0.0	18.0	0.0	
9	13.0	17.0	15.0	0.0	7.0	16.0	0.0	2.0	5.0	14.0	25.0	0.0	
10	14.0	2.0	14.0	3.0	40.0	2.0	0.0	0.0	0.0	5.0	2.0	0.0	
11	2.0	3.0	3.0	0.0	1.0	12.0	0.0	0.0	0.0	10.0	43.0	30.0	
12	5.0	15.0	7.0	17.0	5.0	1.0	0.0	0.0	3.0	6.0	29.0	0.0	
13	0.0	0.0	6.0	3.0	1.0	2.0	0.0	0.0	0.0	7.0	6.0	0.0	
14	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	2.0	19.0	0.0	
15	17.0	6.0	2.0	2.0	0.0	0.0	14.0	0.0	0.0	0.0	10.0	0.0	
16	9.0	6.0	27.0	53.0	0.0	8.0	0.0	0.0	0.0	13.0	0.0	0.0	
17	3.0	33.0	22.0	12.0	0.0	2.0	0.0	0.0	0.0	11.0	8.0	0.0	
18	0.0	9.0	51.0	3.0	0.0	3.0	0.0	5.0	0.0	37.0	1.0	0.0	
19	0.0	14.0	1.0	27.0	0.0	0.0	0.0	0.0	3.0	0.0	25.0	5.0	
20	2.0	3.0	2.0	20.0	0.0	0.0	0.0	0.0	1.0	67.0	0.0	0.0	
21	17.0	6.0	13.0	24.0	36.0	4.0	0.0	0.0	12.0	45.0	0.0	0.0	
22	3.0	34.0	2.0	8.0	0.0	0.0	0.0	0.0	6.0	1.0	0.0	0.0	
23	10.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	
24	0.0	3.0	0.0	1.0	0.0	0.0	0.0	0.0	9.0	0.0	45.0	0.0	
25	4.0	0.0	0.0	2.0	9.0	5.0	0.0	0.0	3.0	0.0	12.0	0.0	
26	20.0	0.0	0.0	8.0	10.0	2.0	0.0	0.0	0.0	3.0	16.0	0.0	
27	0.0	0.0	0.0	41.0	0.0	8.0	0.0	0.0	0.0	2.0	2.0	0.0	
28	0.0	0.0	0.0	0.0	3.0	31.0	7.0	0.0	0.0	1.0	0.0	0.0	
29	2.0		2.0	0.0	7.0	9.0	0.0	0.0	5.0	0.0	0.0	9.0	
30	6.0		5.0	0.0	1.0	8.0	0.0	0.0	2.0	0.0	5.0	0.0	
31	7.0		2.0		4.0		7.0	0.0		3.0		4.0	
Total	193.0	216.0	190.0	329.0	139.0	180.0	31.0	7.0	183.0	258.0	313.0	58.0	Anual 2097.0
Días LI.	20	18	19	21	17	20	5	2	18	19	19	6	

Estación : VILLARAZ
Año : 1997

Dpto. : CALDAS
Mpio. : PENSILVANIA

Latitud : 5 ° 23 ' N
Longitud : 75 ° 4 ' W
Altitud : 1670 m

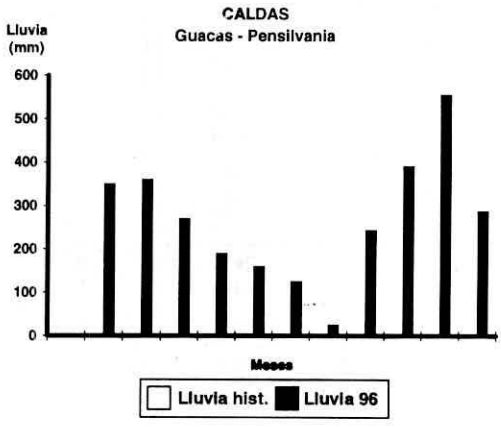
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	5.0	20.0		10.0	0.0	0.0	0.0	0.0	24.0		0.0	0.0	
2	1.0	35.0		6.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	
3	1.0	8.0		75.0	0.0	0.0	0.0	0.0	4.0		0.0	39.0	
4	0.0	19.0		5.0	0.0	0.0	0.0	0.0	36.0		30.0	0.0	
5	1.0	0.0		0.0	0.0	0.0	0.0	0.0	58.0		0.0	0.0	
6	0.0	30.0		0.0	0.0	0.0	0.0	0.0	22.0		19.0	0.0	
7	0.0	30.0		0.0	0.0	35.0	0.0	0.0	37.0		60.0	0.0	
8	37.0	0.0		4.0	0.0	8.0	0.0	0.0	30.0		52.0	0.0	
9	5.0	8.0		34.0	0.0	0.0	0.0	0.0	21.0		15.0	0.0	
10	8.0	0.0		0.0	45.0	0.0	0.0	0.0	0.0		0.0	0.0	
11	7.0	44.0		0.0	54.0	14.0	0.0	0.0	0.0		19.0	12.0	
12	2.0	51.0		0.0	0.0	6.0	0.0	0.0	0.0		8.0	6.0	
13	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0		27.0	7.0	
14	0.0	0.0		0.0	8.0	4.0	0.0	0.0	9.0		4.0	28.0	
15	37.0	56.0		0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	
16	2.0	14.0		0.0	25.0	0.0	0.0	19.0	0.0		0.0	10.0	
17	19.0	10.0		0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	
18	10.0	0.0		12.0	0.0	0.0	0.0	0.0	0.0		24.0	0.0	
19	0.0	0.0		8.0	0.0	0.0	0.0	0.0	38.0		9.0	0.0	
20	18.0	6.0		7.0	0.0	0.0	0.0	0.0	22.0		0.0	0.0	
21	2.0	10.0		4.0	22.0	0.0	0.0	0.0	20.0		0.0	0.0	
22	4.0	37.0		20.0	0.0	0.0	0.0	0.0	51.0		0.0	0.0	
23	9.0	0.0		19.0	0.0	0.0	0.0	0.0	21.0		2.0	8.0	
24	3.0	0.0		0.0	0.0	0.0	0.0	0.0	16.0		15.0	0.0	
25	2.0	0.0		7.0	69.0	0.0	0.0	0.0	9.0		1.0	0.0	
26	6.0	50.0		12.0	16.0	0.0	0.0	0.0	0.0		12.0	0.0	
27	5.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	
28	2.0	0.0		0.0	10.0	0.0	0.0	0.0	0.0		0.0	0.0	
29	3.0			0.0	0.0	9.0	6.0	0.0	0.0		0.0	0.0	
30	0.0			0.0	25.0	5.0	12.0	0.0	0.0		0.0	0.0	
31	25.0				5.0		4.0	8.0				68.0	Anual
Total	214.0	428.0		223.0	279.0	81.0	22.0	27.0	418.0		297.0	178.0	
Días LI.	24	16		14	10	7	3	2	16		15	8	

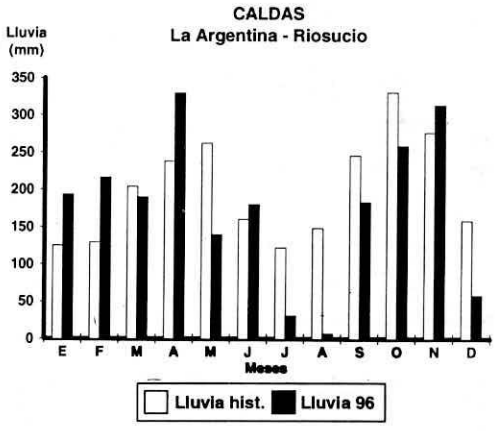
Estación : LA MANUELITA
Año : 1997

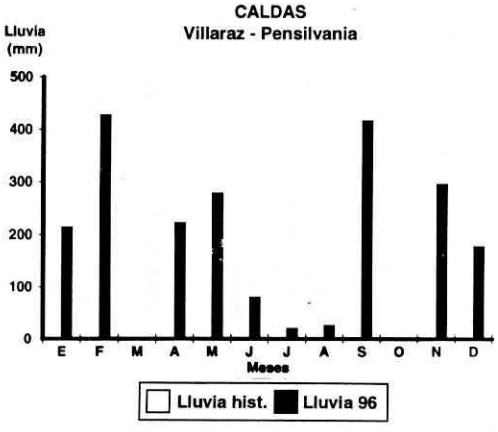
Dpto. : CALDAS
Mpio. : RIOSUCIO

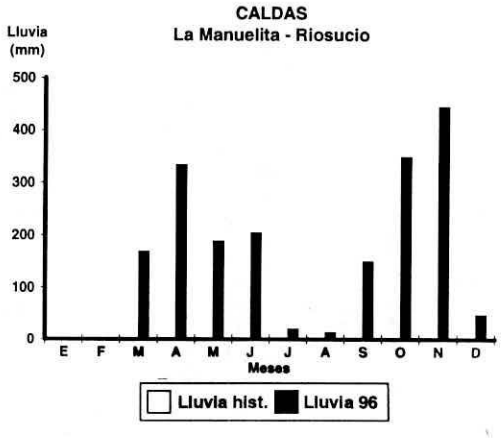
Latitud : 5 ° 22 ' N
Longitud : 75 ° 41 ' W
Altitud : 1460 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1			1.0	0.0	0.0	0.0	0.0	0.0	35.0	5.0	0.0	0.0	
2			4.0	0.0	2.0	29.0	0.0	0.0	6.0	25.0	0.0	0.0	
3			0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	70.0	5.0	
4			13.0	45.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	16.0	
5			0.0	3.0	0.0	2.0	0.0	0.0	0.0	18.0	0.0	0.0	
6			0.0	0.0	8.0	0.0	0.0	0.0	0.0	20.0	11.0	0.0	
7			0.0	3.0	2.0	0.0	4.0	0.0	0.0	11.0	65.0	0.0	
8			1.0	10.0	0.0	14.0	0.0	0.0	0.0	0.0	29.0	0.0	
9			0.0	0.0	10.0	3.0	0.0	0.0	0.0	24.0	10.0	0.0	
10			1.0	2.0	1.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	
11			3.0	0.0	2.0	0.0	0.0	11.0	0.0	0.0	11.0	20.0	
12			14.0	3.0	0.0	1.0	0.0	3.0	0.0	70.0	21.0	0.0	
13			0.0	0.0	0.0	5.0	0.0	0.0	0.0	40.0	15.0	0.0	
14			25.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	84.0	0.0	
15			15.0	0.0	11.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
16			10.0	6.0	15.0	11.0	0.0	0.0	0.0	10.0	11.0	0.0	
17			30.0	1.0	3.0	15.0	0.0	0.0	0.0	5.0	30.0	0.0	
18			13.0	0.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
19			5.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	10.0	0.0	
20			15.0	40.0	0.0	0.0	0.0	0.0	35.0	8.0	19.0	0.0	
21			2.0	41.0	3.0	0.0	0.0	0.0	5.0	7.0	9.0	0.0	
22			1.0	15.0	0.0	0.0	0.0	0.0	35.0	10.0	0.0	0.0	
23			0.0	10.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24			0.0	11.0	8.0	2.0	0.0	0.0	11.0	0.0	25.0	0.0	
25			0.0	50.0	4.0	8.0	4.0	0.0	0.0	0.0	0.0	0.0	
26			0.0	90.0	5.0	50.0	0.0	0.0	0.0	4.0	0.0	0.0	
27			3.0	0.0	24.0	40.0	5.0	0.0	0.0	3.0	0.0	0.0	
28			0.0	0.0	0.0	0.0	3.0	0.0	10.0	0.0	11.0	0.0	
29			13.0	3.0	1.0	0.0	0.0	0.0	3.0	0.0	5.0	0.0	
30			0.0	0.0	80.0	10.0	5.0	0.0	10.0	0.0	0.0	2.0	
31			0.0		3.0		0.0	0.0		0.0		5.0	Anual
Total			169.0	335.0	189.0	205.0	21.0	14.0	150.0	350.0	446.0	48.0	
Días LI.			18	17	19	18	5	2	9	17	18	5	


CALDAS
Guacas - Pensilvania
Lluvia (mm)
600
500
400
300
200
100
0
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Argentina - Riosucio
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
Villaraz - Pensilvania
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Manuelita - Riosucio
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : GRANJA KENNEDY
Año : 1997

Dpto. : CALDAS
Mpio. : PENSILVANIA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 6 ' W
Altitud : 1900 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1			0.0	10.0	0.0	0.0	0.0	0.0	30.0	22.0			
2			5.0	20.0	0.0	0.0	4.0	0.0	0.0	0.0			
3			0.0	69.0	0.0	0.0	0.0	0.0	0.0	0.0			
4			39.0	17.0	0.0	0.0	0.0	0.0	23.0	30.0			
5			8.0	0.0	0.0	0.0	0.0	0.0	24.0	5.0			
6			0.0	10.0	0.0	2.0	0.0	0.0	20.0	0.0			
7			0.0	2.0	0.0	42.0	0.0	0.0	25.0	0.0			
8			0.0	6.0	0.0	2.0	0.0	0.0	30.0	0.0			
9			0.0	0.0	0.0	5.0	0.0	0.0	18.0	21.0			
10			55.0	22.0	38.0	3.0	1.0	0.0	0.0	19.0			
11			20.0	0.0	11.0	4.0	0.0	0.0	0.0	2.0			
12			34.0	0.0	85.0	0.0	0.0	0.0	0.0	30.0			
13			4.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0			
14			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
15			0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0			
16			20.0	1.0	3.0	0.0	0.0	12.0	0.0	19.0			
17			5.0	6.0	0.0	5.0	0.0	0.0	0.0	20.0			
18			13.0	8.0	0.0	15.0	0.0	0.0	0.0	17.0			
19			9.0	2.0	0.0	5.0	0.0	0.0	2.0	0.0			
20			19.0	17.0	0.0	0.0	0.0	0.0	29.0	65.0			
21			0.0	0.0	30.0	0.0	0.0	0.0	46.0	23.0			
22			0.0	12.0	24.0	0.0	0.0	0.0	32.0	7.0			
23			0.0	59.0	0.0	0.0	0.0	0.0	4.0	0.0			
24			0.0	2.0	0.0	0.0	0.0	0.0	15.0	0.0			
25			27.0	3.0	45.0	0.0	0.0	0.0	10.0	20.0			
26			0.0	21.0	6.0	0.0	0.0	0.0	0.0	0.0			
27			0.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0			
28			2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0			
29			31.0	0.0	0.0	10.0	35.0	0.0	0.0	0.0			
30			1.0	0.0	0.0	3.0	15.0	0.0	0.0	0.0			
31			1.0		1.0		47.0	5.0		0.0			
													Anual
Total			293.0	290.0	246.0	96.0	102.0	17.0	308.0	337.0			
Días LI.			17	19	11	11	5	2	14	17			

Estación : CUBA
Año : 1997

Dpto. : CALDAS
Mpio. : VICTORIA

Latitud : 5 ° 20 ' N
Longitud : 74 ° 56 ' W
Altitud : 1000 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	1.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	33.0	0.0	71.0	0.0	12.0	0.0	0.0	4.0	0.0	0.0	0.0	
4	0.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	13.0	31.0	0.0	
6	0.0	27.0	0.0	0.0	0.0	4.0	0.0	0.0	9.0	0.0	1.0	0.0	
7	0.0	1.0	0.0	0.0	0.0	74.0	0.0	0.0	14.0	0.0	2.0	0.0	
8	0.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	22.0	0.0	28.0	0.0	
9	11.0	37.0	15.0	0.0	0.0	0.0	0.0	0.0	33.0	2.0	11.0	8.0	
10	18.0	2.0	0.0	64.0	0.0	0.0	0.0	0.0	0.0	130.0	0.0	4.0	
11	0.0	0.0	6.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	8.0	21.0	
12	69.0	3.0	0.0	0.0	31.0	3.0	0.0	0.0	0.0	0.0	30.0	0.0	
13	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	72.0	5.0	8.0	9.0	
14	3.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	4.0	0.0	4.0	
15	43.0	75.0	72.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	6.0	5.0	
16	67.0	21.0	0.0	26.0	26.0	0.0	0.0	0.0	0.0	10.0	0.0	3.0	
17	1.0	0.0	0.0	57.0	0.0	1.0	0.0	0.0	0.0	50.0	55.0	0.0	
18	11.0	2.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	39.0	0.0	8.0	0.0	
20	2.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	45.0	0.0	13.0	0.0	
21	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	13.0	0.0	0.0	
22	31.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	64.0	127.0	0.0	0.0	
23	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
24	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	17.0	0.0	0.0	3.0	39.0	1.0	0.0	0.0	0.0	0.0	15.0	0.0	
26	65.0	0.0	0.0	7.0	43.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	
27	3.0	0.0	0.0	8.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	17.0	0.0	6.0	0.0	1.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	105.0	4.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	86.0	140.0	
31	12.0		0.0		0.0		0.0	0.0		0.0		93.0	
													Anual
Total	397.0	204.0	105.0	312.0	172.0	105.0	11.0	0.0	363.0	378.0	429.0	291.0	2767.0
Días LI.	17	11	5	12	8	11	1	0	13	10	18	10	

Estación : LA PASTORITA
Año : 1997

Dpto. : CALDAS
Mpio. : VICTORIA

Latitud : 5 ° 19 ' N
Longitud : 74 ° 57 ' W
Altitud : 1100 m

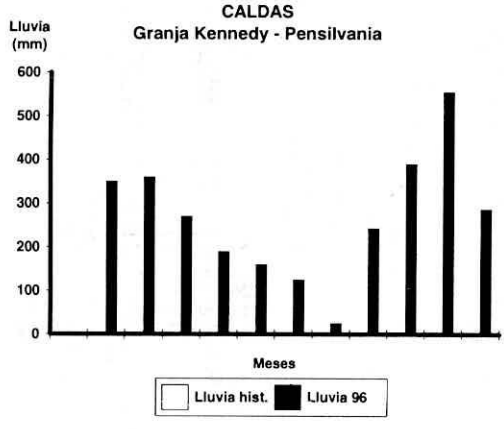
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	134.0	8.0	0.0	0.0	3.0	22.0	0.0	29.0	70.0	2.0	0.0	
2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	
3	0.0	0.0	0.0	95.0	3.0	7.0	0.0	0.0	0.0	0.0	5.0	0.0	
4	0.0	2.0	40.0	0.0	0.0	0.0	0.0	0.0	10.0	20.0	6.0	3.0	
5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0	0.0	2.0	0.0	
6	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	1.0	0.0	
7	7.0	17.0	0.0	0.0	18.0	12.0	5.0	0.0	30.0	0.0	30.0	0.0	
8	0.0	5.0	4.0	94.0	16.0	0.0	0.0	0.0	0.0	0.0	60.0	4.0	
9	3.0	16.0	15.0	0.0	13.0	0.0	0.0	0.0	30.0	3.0	10.0	10.0	
10	5.0	0.0	10.0	94.0	10.0	0.0	0.0	0.0	0.0	30.0	0.0	30.0	
11	15.0	38.0	6.0	0.0	21.0	10.0	0.0	0.0	0.0	30.0	15.0	15.0	
12	0.0	20.0	9.0	0.0	25.0	0.0	0.0	0.0	0.0	30.0	95.0	18.0	
13	0.0	0.0	0.0	2.0	32.0	0.0	0.0	0.0	18.0	10.0	36.0	9.0	
14	61.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	47.0	100.0	
15	51.0	102.0	22.0	0.0	7.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
16	0.0	44.0	25.0	45.0	5.0	0.0	0.0	0.0	0.0	12.0	0.0	4.0	
17	10.0	84.0	19.0	20.0	8.0	0.0	0.0	15.0	0.0	32.0	20.0	5.0	
18	10.0	0.0	5.0	0.0	27.0	0.0	0.0	0.0	0.0	18.0	19.0	0.0	
19	0.0	1.0	0.0	21.0	29.0	0.0	0.0	0.0	130.0	0.0	28.0	0.0	
20	30.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	19.0	22.0	20.0	0.0	
21	55.0	30.0	2.0	21.0	16.0	0.0	0.0	0.0	59.0	21.0	0.0	0.0	
22	25.0	0.0	0.0	10.0	20.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	
23	30.0	0.0	0.0	15.0	24.0	0.0	0.0	0.0	18.0	2.0	0.0	0.0	
24	57.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
25	5.0	0.0	0.0	2.0	40.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
26	15.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
27	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	25.0	
28	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	25.0	
29	0.0		0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	5.0	0.0	18.0	0.0	0.0	20.0	90.0	
31	3.0		0.0		0.0		1.0	5.0		3.0		0.0	
Total	388.0	521.0	183.0	419.0	379.0	37.0	28.0	38.0	522.0	369.0	461.0	358.0	Anual 3703.0
Días LI.	19	14	13	11	21	5	3	3	13	19	19	14	

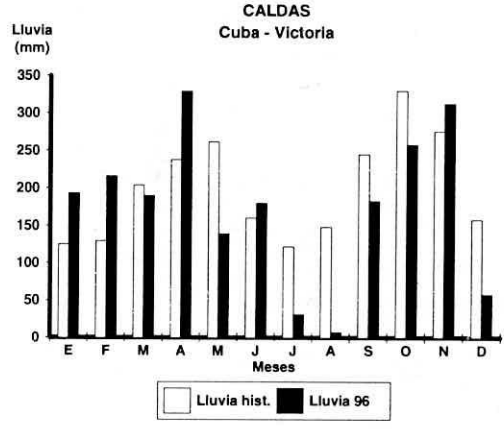
Estación : LA JULIA
Año : 1997

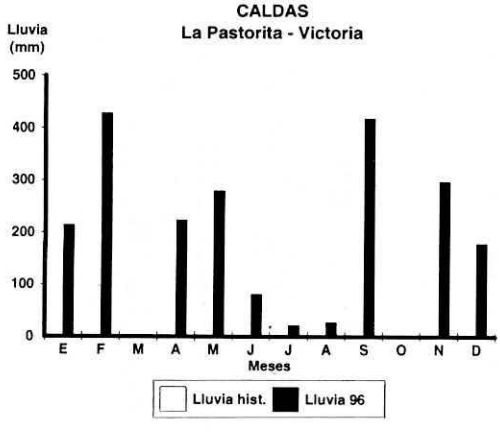
Dpto. : CALDAS
Mpio. : FILADELFIA

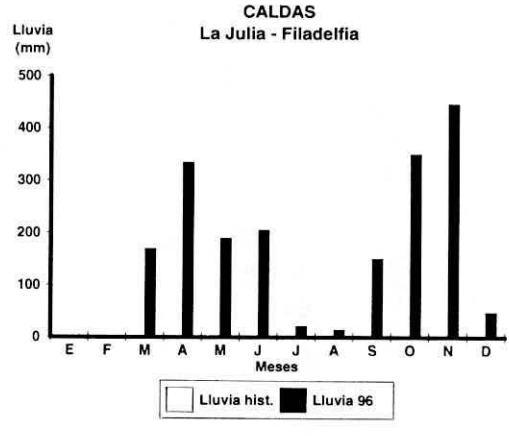
Latitud : 5 ° 18 ' N
Longitud : 75 ° 34 ' W
Altitud : 1650 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	20.0				0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
2	25.0				0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
3	25.0				3.0	25.0	0.0	0.0	0.0	12.0	36.0	0.0	
4	0.0				0.0	7.0	0.0	0.0	4.0	5.0	27.0	0.0	
5	13.0				0.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	
6	11.0				0.0	7.0	0.0	0.0	3.0	0.0	37.0	0.0	
7	19.0				1.0	21.0	0.0	0.0	0.0	0.0	44.0	0.0	
8	30.0				0.0	0.0	0.0	0.0	0.0	18.0	82.0	0.0	
9	62.0				0.0	11.0	0.0	0.0	0.0	28.0	10.0	0.0	
10	6.0				1.0	0.0	0.0	0.0	0.0	3.0	15.0	0.0	
11	1.0				27.0	10.0	0.0	0.0	0.0	25.0	12.0	0.0	
12	0.0				0.0	0.0	0.0	0.0	0.0	26.0	10.0	0.0	
13	0.0				6.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
14	0.0				0.0	0.0	0.0	2.0	0.0	2.0	20.0	0.0	
15	0.0				0.0	3.0	0.0	0.0	0.0	5.0	15.0	0.0	
16	26.0				0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	6.0				0.0	0.0	0.0	0.0	0.0	5.0	3.0	0.0	
18	0.0				0.0	1.0	0.0	0.0	27.0	15.0	1.0	0.0	
19	0.0				0.0	0.0	0.0	0.0	1.0	0.0	5.0	0.0	
20	0.0				0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
21	0.0				5.0	0.0	0.0	0.0	39.0	1.0	0.0	0.0	
22	0.0				0.0	0.0	0.0	0.0	24.0	5.0	0.0	0.0	
23	20.0				0.0	0.0	0.0	0.0	44.0	4.0	0.0	0.0	
24	13.0				0.0	0.0	0.0	0.0	1.0	0.0	7.0	0.0	
25	4.0				28.0	3.0	0.0	0.0	0.0	4.0	10.0	0.0	
26	10.0				52.0	1.0	0.0	2.0	0.0	0.0	13.0	0.0	
27	0.0				0.0	0.0	0.0	1.0	0.0	8.0	0.0	0.0	
28	1.0				0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	
29	0.0				0.0	8.0	1.0	6.0	0.0	0.0	0.0	0.0	
30	4.0				0.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	
31	0.0				37.0		4.0	7.0		0.0		0.0	
Total	296.0				160.0	113.0	6.0	38.0	144.0	166.0	399.0	0.0	Anual
Días LI.	18				9	13	3	6	9	16	21	0	


CALDAS
Granja Kennedy - Pensilvania
Lluvia (mm)
600
500
400
300
200
100
0
Meses
Lluvia hist.
Lluvia 96


CALDAS
Cuba - Victoria
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Pastorita - Victoria
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Julia - Filadelfia
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : EL MIRADOR
Año : 1997

Dpto. : CALDAS
Mpio. : FILADELFIA

Latitud : 5 ° 14 ' N
Longitud : 75 ° 34 ' W
Altitud : 1650 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	12.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	
2	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	25.0	0.0	0.0	
3	0.0	0.0	22.0	41.0	0.0	2.0	0.0	0.0	0.0	6.0	0.0	0.0	
4	0.0	31.0	0.0	4.0	0.0	5.0	0.0	0.0	0.0	14.0	0.0	0.0	
5	0.0	13.0	6.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
6	27.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	
7	25.0	3.0	0.0	0.0	3.0	48.0	0.0	0.0	21.0	0.0	36.0	0.0	
8	25.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	58.0	0.0	30.0	0.0	
9	8.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	25.0	25.0	0.0	
10	4.0	2.0	6.0	7.0	10.0	0.0	0.0	0.0	0.0	37.0	30.0	0.0	
11	0.0	2.0	2.0	2.0	5.0	0.0	0.0	0.0	0.0	40.0	11.0	0.0	
12	19.0	12.0	14.0	0.0	4.0	0.0	0.0	0.0	0.0	48.0	4.0	0.0	
13	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
14	0.0	0.0	0.0	0.0	12.0	13.0	0.0	0.0	0.0	0.0	2.0	7.0	
15	10.0	0.0	41.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	
16	19.0	13.0	11.0	3.0	0.0	20.0	0.0	0.0	0.0	25.0	0.0	0.0	
17	0.0	0.0	19.0	21.0	0.0	2.0	0.0	0.0	0.0	13.0	0.0	0.0	
18	0.0	0.0	0.0	2.0	0.0	7.0	0.0	0.0	0.0	16.0	10.0	0.0	
19	0.0	30.0	0.0	9.0	0.0	0.0	0.0	0.0	2.0	0.0	30.0	0.0	
20	0.0	2.0	0.0	7.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
21	2.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	8.0	69.0	0.0	0.0	
22	2.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	
23	32.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
24	32.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
25	22.0	0.0	0.0	8.0	4.0	11.0	0.0	0.0	5.0	0.0	8.0	0.0	
26	6.0	0.0	0.0	3.0	20.0	30.0	0.0	0.0	0.0	8.0	0.0	0.0	
27	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	
28	0.0	0.0	0.0	2.0	0.0	0.0	3.0	0.0	0.0	12.0	0.0	0.0	
29	0.0		0.0	0.0	2.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	7.0	4.0	0.0	0.0	0.0	2.0	0.0	
31	17.0		7.0		7.0		0.0	0.0		0.0		0.0	
Total	287.0	121.0	128.0	186.0	80.0	154.0	14.0	0.0	164.0	347.0	211.0	7.0	Anual 1699.0
Días LI.	17	10	9	18	12	13	3	0	12	14	14	1	

Estación : LA JULIANA
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 9 ' N
Longitud : 75 ° 29 ' W
Altitud : 1750 m

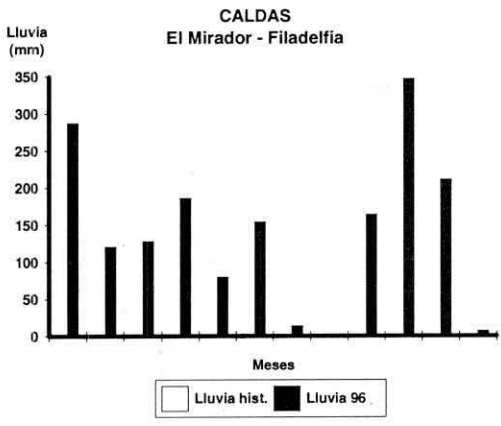
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	3.0	26.0	2.0	0.0	0.0	1.0	0.0	0.0	8.0	0.0	2.0	0.0	
2	45.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	5.0	27.0	7.0	0.0	
3	3.0	2.0	0.0	11.0	3.0	7.0	0.0	0.0	0.0	8.0	8.0	0.0	
4	0.0	7.0	1.0	2.0	1.0	2.0	0.0	0.0	0.0	8.0	0.0	0.0	
5	0.0	16.0	1.0	0.0	0.0	1.0	4.0	0.0	9.0	0.0	0.0	0.0	
6	11.0	5.0	0.0	9.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	
7	3.0	1.0	0.0	1.0	15.0	18.0	0.0	0.0	21.0	0.0	8.0	0.0	
8	11.0	0.0	0.0	2.0	2.0	4.0	0.0	0.0	9.0	1.0	40.0	0.0	
9	24.0	4.0	0.0	1.0	13.0	34.0	0.0	0.0	3.0	13.0	13.0	0.0	
10	16.0	1.0	13.0	5.0	6.0	2.0	0.0	0.0	0.0	48.0	3.0	0.0	
11	1.0	2.0	9.0	1.0	1.0	8.0	0.0	0.0	0.0	17.0	13.0	0.0	
12	21.0	12.0	19.0	0.0	6.0	3.0	0.0	0.0	4.0	20.0	27.0	0.0	
13	9.0	0.0	5.0	0.0	2.0	5.0	0.0	0.0	0.0	2.0	6.0	0.0	
14	0.0	0.0	0.0	0.0	6.0	2.0	1.0	0.0	0.0	0.0	21.0	0.0	
15	0.0	6.0	0.0	2.0	0.0	17.0	0.0	0.0	0.0	0.0	3.0	0.0	
16	19.0	15.0	35.0	0.0	0.0	15.0	0.0	0.0	0.0	21.0	1.0	0.0	
17	6.0	3.0	17.0	5.0	2.0	2.0	0.0	0.0	0.0	6.0	0.0	0.0	
18	3.0	0.0	11.0	1.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	3.0	1.0	1.0	29.0	0.0	2.0	0.0	2.0	0.0	0.0	22.0	0.0	
20	1.0	0.0	4.0	6.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	
21	4.0	2.0	1.0	21.0	4.0	0.0	0.0	0.0	13.0	18.0	0.0	1.0	
22	0.0	1.0	0.0	6.0	2.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	
23	27.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	26.0	0.0	0.0	0.0	
24	1.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	9.0	0.0	27.0	0.0	
25	26.0	0.0	0.0	4.0	6.0	5.0	0.0	0.0	13.0	0.0	23.0	0.0	
26	28.0	0.0	1.0	3.0	29.0	1.0	0.0	8.0	1.0	0.0	13.0	0.0	
27	0.0	0.0	0.0	4.0	1.0	7.0	0.0	0.0	0.0	1.0	0.0	0.0	
28	0.0	0.0	1.0	0.0	2.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	
29	1.0		0.0	0.0	4.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	3.0	1.0	9.0	1.0	0.0	0.0	0.0	7.0	0.0	
31	10.0		0.0		2.0		2.0	0.0		10.0		0.0	
Total	276.0	104.0	121.0	117.0	110.0	154.0	17.0	10.0	145.0	205.0	244.0	1.0	Anual 1504.0
Días LI.	23	16	15	20	21	23	6	2	15	16	18	1	

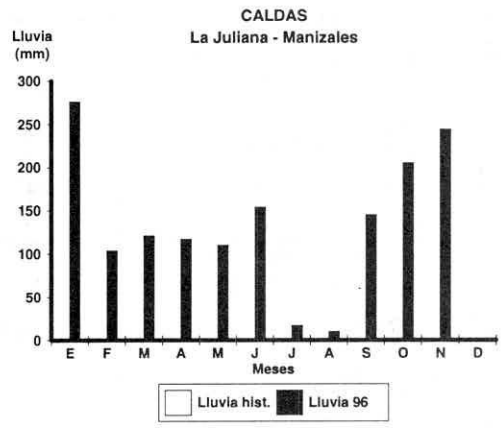
Estación : SANTA TERESA **Dpto.** : CALDAS **Latitud** : 5 ° 7 ' N
Año : 1997 **Mpio.** : MANIZALES **Longitud** : 75 ° 32 ' W
Altitud : 1800 m

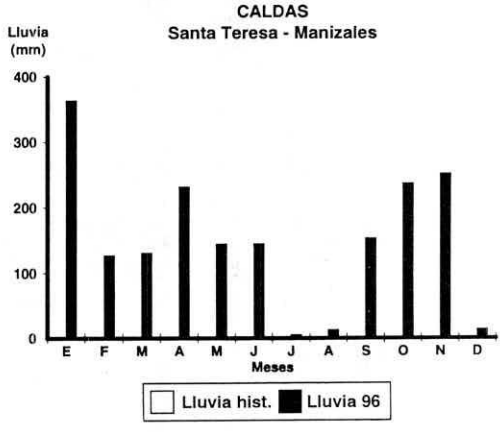
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	11.7	23.1	.7	34.2	0.0	3.5	0.0	0.0	1.6	.2	0.0	13.5	
2	20.8	2.2	0.0	0.0	0.0	.1	0.0	0.0	.2	9.6	0.0	0.0	
3	19.8	0.0	0.0	58.0	2.5	1.6	0.0	0.0	0.0	1.8	.1	0.0	
4	0.0	43.7	0.0	2.2	0.0	5.2	0.0	0.0	.3	3.3	1.0	0.0	
5	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	23.8	0.0	6.3	0.0	
6	27.3	10.7	0.0	10.0	0.0	2.1	0.0	0.0	.6	0.0	1.0	0.0	
7	5.7	0.0	0.0	0.0	.5	23.8	0.0	0.0	36.6	0.0	16.3	0.0	
8	31.5	0.0	0.0	0.0	0.0	2.0	0.0	0.0	22.3	.4	14.3	0.0	
9	45.0	3.6	.2	.5	30.5	4.2	.1	0.0	1.6	16.0	9.0	0.0	
10	22.0	0.0	9.8	1.3	24.3	23.1	0.0	.4	0.0	52.8	30.4	0.0	
11	0.0	0.0	36.0	0.0	.5	.3	0.0	.4	0.0	10.5	46.6	0.0	
12	24.6	7.1	14.5	0.0	8.5	8.6	0.0	0.0	0.0	16.0	5.3	0.0	
13	0.0	0.0	3.0	0.0	.6	0.0	0.0	0.0	0.0	.7	.7	0.0	
14	0.0	0.0	0.0	1.1	3.5	.5	0.0	10.8	4.3	.5	31.1	.7	
15	0.0	0.0	0.0	10.5	0.0	0.0	.2	0.0	0.0	0.0	3.0	0.0	
16	38.1	1.0	33.0	0.0	.5	0.0	0.0	0.0	0.0	17.1	0.0	0.0	
17	14.0	1.0	11.2	.5	0.0	25.6	0.0	0.0	0.0	2.8	.4	0.0	
18	.3	0.0	17.4	2.4	0.0	0.0	0.0	0.0	.6	3.7	0.0	0.0	
19	8.0	4.6	.1	29.7	0.0	0.0	0.0	0.0	4.6	0.0	23.0	0.0	
20	0.0	1.6	4.7	29.7	0.0	0.0	0.0	0.0	2.2	.8	.7	0.0	
21	1.6	.4	0.0	6.3	.6	0.0	0.0	0.0	6.0	97.5	0.0	0.0	
22	2.3	0.0	0.0	34.8	.3	0.0	0.0	0.0	7.4	0.0	0.0	0.0	
23	6.4	0.0	0.0	1.5	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	
24	3.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.0	0.0	0.0	
25	21.3	0.0	0.0	2.4	29.5	29.5	0.0	0.0	3.1	0.0	27.0	0.0	
26	31.3	0.0	.6	1.8	18.0	2.5	0.0	1.0	1.0	0.0	5.4	0.0	
27	0.0	0.0	0.0	2.3	0.0	.4	0.0	0.0	0.0	.5	0.0	0.0	
28	.6	0.0	0.0	2.6	2.1	0.0	.5	0.0	0.0	1.6	0.0	0.0	
29	0.0		0.0	0.0	.8	6.9	3.2	0.0	0.0	0.0	0.0	0.0	
30	9.6		0.0	0.0	16.2	5.5	1.8	0.0	0.0	0.0	30.3	0.0	
31	18.1		0.0		6.2		0.0	.6		.9		0.0	
Total	363.7	127.3	131.2	231.8	145.1	145.4	5.8	13.2	153.8	236.7	251.9	14.2	Anual 1820.1
Días LI.	22	13	12	19	17	18	5	5	18	19	19	2	

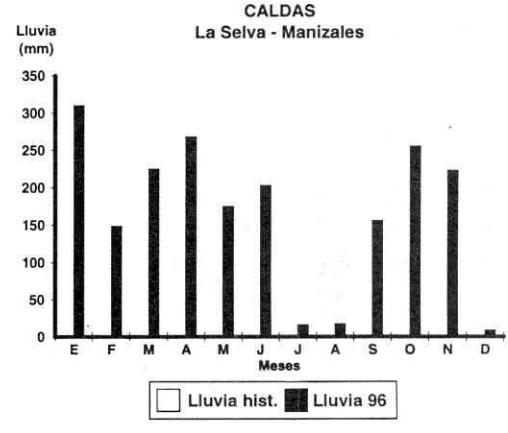
Estación : LA SELVA **Dpto.** : CALDAS **Latitud** : 5 ° 7 ' N
Año : 1997 **Mpio.** : MANIZALES **Longitud** : 75 ° 36 ' W
Altitud : 1350 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	7.0	23.0	10.0	3.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	5.0	
2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
3	0.0	0.0	0.0	62.0	3.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	7.0	0.0	
5	0.0	22.0	15.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	
6	20.0	3.0	0.0	7.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	40.0	3.0	0.0	6.0	0.0	19.0	0.0	
8	3.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	27.0	0.0	7.0	0.0	
9	24.0	0.0	8.0	4.0	22.0	4.0	6.0	0.0	3.0	13.0	0.0	0.0	
10	7.0	0.0	30.0	15.0	61.0	0.0	0.0	4.0	0.0	52.0	21.0	0.0	
11	5.0	17.0	23.0	0.0	0.0	24.0	0.0	0.0	0.0	10.0	72.0	0.0	
12	65.0	6.0	12.0	0.0	55.0	9.0	0.0	7.0	0.0	12.0	5.0	0.0	
13	0.0	0.0	6.0	27.0	0.0	22.0	0.0	2.0	0.0	0.0	5.0	0.0	
14	0.0	29.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	3.0	4.0	
15	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	41.0	2.0	74.0	11.0	0.0	0.0	0.0	0.0	0.0	26.0	21.0	0.0	
17	15.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
18	0.0	0.0	8.0	6.0	0.0	21.0	0.0	0.0	0.0	5.0	0.0	0.0	
19	0.0	2.0	0.0	15.0	0.0	0.0	0.0	0.0	4.0	0.0	32.0	0.0	
20	0.0	20.0	0.0	14.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	5.0	6.0	0.0	0.0	0.0	0.0	114.0	0.0	0.0	
22	0.0	14.0	0.0	14.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
23	8.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
24	29.0	3.0	0.0	0.0	0.0	5.0	0.0	0.0	17.0	0.0	4.0	0.0	
25	9.0	0.0	0.0	3.0	0.0	9.0	0.0	0.0	18.0	0.0	8.0	0.0	
26	47.0	0.0	3.0	3.0	19.0	5.0	0.0	0.0	0.0	0.0	9.0	0.0	
27	0.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
29	3.0		26.0	0.0	0.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	
30	9.0		0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	10.0	0.0	
31	10.0		0.0		4.0		0.0	0.0		5.0		0.0	
Total	310.0	149.0	225.0	268.0	175.0	203.0	17.0	18.0	156.0	255.0	223.0	9.0	Anual 2000.0
Días LI.	18	12	12	18	8	13	3	4	11	12	14	2	


CALDAS
El Mirador - Filadelfia
Lluvia (mm)
350
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Juliana - Manizales
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
Santa Teresa - Manizales
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Selva - Manizales
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : LAS COLINAS Dpto. : CALDAS Latitud : 5 ° 6 ' N
Año : 1997 Mpio. : MANIZALES Longitud : 75 ° 34 ' W
Altitud : 1450 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	7.0	13.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	
2	3.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	
3	17.3	0.0	0.0	20.4	3.2	0.0	0.0	0.0	0.0	7.1	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	9.7	0.0	0.0	
5	0.0	9.8	1.1	0.0	0.0	0.0	0.0	0.0	14.2	0.0	0.0	0.0	
6	23.4	10.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
7	17.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	6.0	0.0	
8	25.2	3.0	0.0	3.0	0.0	0.0	0.0	0.0	12.7	0.0	9.4	0.0	
9	3.8	0.0	0.0	3.0	48.0	3.5	8.3	0.0	1.5	13.3	7.4	0.0	
10	0.0	0.0	30.0	11.7	23.5	2.0	0.0	1.3	0.0	95.2	5.4	0.0	
11	13.7	12.5	48.0	0.0	0.0	24.0	0.0	0.0	0.0	12.3	75.0	0.0	
12	0.0	5.4	14.9	7.3	29.5	0.0	5.0	0.0	0.0	8.8	3.0	0.0	
13	0.0	3.2	0.0	0.0	0.0	24.3	0.0	2.0	0.0	2.2	1.6	0.0	
14	7.9	2.1	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	10.7	25.0	
15	25.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	
16	2.6	18.2	25.3	20.9	0.0	0.0	0.0	0.0	0.0	18.7	7.5	0.0	
17	0.0	8.3	7.3	3.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	
18	0.0	0.0	12.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	9.5	0.0	18.6	0.0	
20	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.2	130.0	0.0	0.0	
21	0.0	6.7	0.0	4.3	14.2	0.0	0.0	0.0	6.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
23	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	
24	6.4	0.0	0.0	1.5	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	
25	9.7	3.2	0.0	4.4	2.4	6.0	0.0	0.0	0.0	0.0	5.0	0.0	
26	31.2	0.0	0.0	40.2	19.2	8.0	0.0	0.0	1.6	0.0	10.6	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		8.7	0.0	0.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	2.0	5.1	0.0	0.0	0.0	0.0	6.0	0.0	
31	7.9		0.0		0.0		11.3	0.0		0.0		0.0	
Total	209.3	110.4	147.3	166.3	150.7	90.9	26.6	3.3	85.5	304.6	168.2	28.5	Anual 1491.6
Días LI.	16	15	8	16	9	9	4	2	11	12	14	2	

Estación : SANTA TERESITA Dpto. : CALDAS Latitud : 5 ° 4 ' N
Año : 1997 Mpio. : MANIZALES Longitud : 75 ° 37 ' W
Altitud : 1200 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	20.0	3.0	12.0	0.0	0.0	0.0	0.0	24.0	10.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	2.0	39.0	7.0	53.0	0.0	0.0	0.0	7.0	0.0	0.0	
4	0.0	9.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
5	0.0	5.0	0.0	11.0	0.0	15.0	0.0	0.0	42.0	0.0	11.0	0.0	
6	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	21.0	0.0	16.0	0.0	
8	9.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	44.0	0.0	5.0	0.0	
9	11.0	2.0	35.0	0.0	34.0	0.0	5.0	0.0	0.0	0.0	9.0	0.0	
10	0.0	0.0	43.0	0.0	50.0	0.0	0.0	0.0	0.0	67.0	10.0	0.0	
11	0.0	10.0	19.0	0.0	0.0	40.0	0.0	0.0	0.0	12.0	54.0	0.0	
12	72.0	9.0	19.0	17.0	75.0	0.0	0.0	16.0	0.0	15.0	27.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	42.0	0.0	0.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	
15	6.0	0.0	105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	23.0	0.0	15.0	19.0	0.0	0.0	0.0	0.0	0.0	16.0	40.0	0.0	
17	9.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	55.0	8.0	20.0	0.0	0.0	0.0	0.0	5.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	40.0	0.0	
20	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	66.0	0.0	0.0	
22	0.0	27.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	11.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
24	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	4.0	0.0	
25	7.0	0.0	0.0	0.0	10.0	2.0	0.0	0.0	15.0	0.0	0.0	0.0	
26	52.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	19.0	0.0	
27	0.0	9.0	0.0	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	14.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	11.0	7.0	11.0	0.0	0.0	0.0	0.0	0.0	
30	9.0		4.0	0.0	0.0	6.0	7.0	0.0	0.0	0.0	21.0	0.0	
31	7.0		0.0		24.0		0.0	0.0		0.0		0.0	
Total	288.0	137.0	298.0	290.0	233.0	207.0	23.0	19.0	172.0	227.0	261.0	0.0	Anual 2155.0
Días LI.	14	10	11	10	10	12	3	2	8	9	13	0	

Estación : EL RECREO
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 2 ' N
Longitud : 75 ° 39 ' W
Altitud : 1450 m

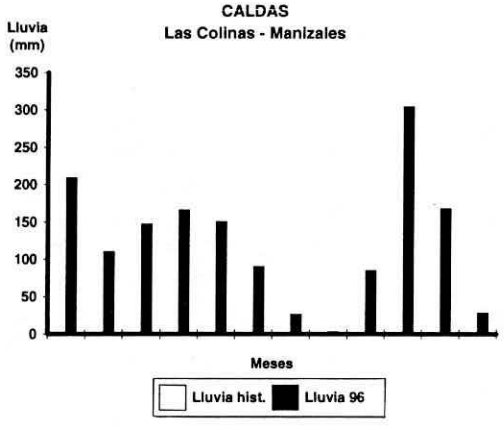
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	35.0	1.5	6.0	0.0	0.0	0.0	1.0	0.0	19.0	0.0	0.0	12.0	
2	10.0	0.0	1.0	0.0	8.0	5.5	0.0	0.0	0.0	7.5	4.0	0.0	
3	7.0	0.0	0.0	29.0	24.0	39.0	0.0	0.0	0.0	4.0	.5	0.0	
4	1.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	.5	19.5	44.0	0.0	
5	0.0	0.0	8.0	1.0	0.0	0.0	0.0	0.0	18.5	0.0	19.0	0.0	
6	8.0	7.0	0.0	11.0	0.0	1.0	0.0	0.0	29.0	0.0	13.0	0.0	
7	3.0	1.5	0.0	10.0	0.0	30.0	0.0	0.0	0.0	0.0	7.0	0.0	
8	0.0	0.0	0.0	1.0	0.0	0.0	4.0	0.0	19.0	0.0	4.0	0.0	
9	.5	15.0	19.0	.5	56.0	0.0	2.0	0.0	.5	1.0	25.0	0.0	
10	12.0	7.0	8.5	0.0	78.0	3.5	0.0	0.0	0.0	4.0	7.0	0.0	
11	0.0	0.0	8.5	.5	1.0	40.0	0.0	0.0	0.0	3.0	23.0	0.0	
12	0.0	0.0	14.0	0.0	11.0	2.5	0.0	6.0	0.0	22.0	64.0	0.0	
13	19.0	2.0	3.0	0.0	0.0	17.0	0.0	3.5	0.0	0.0	7.5	0.0	
14	6.0	0.0	0.0	13.0	1.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0	
15	14.0	9.0	0.0	0.0	0.0	.5	0.0	0.0	0.0	0.0	0.0	0.0	
16	8.0	1.0	27.0	29.0	0.0	21.0	0.0	0.0	0.0	14.0	13.0	0.0	
17	7.5	0.0	8.0	4.0	0.0	8.5	0.0	0.0	0.0	2.0	0.0	0.0	
18	3.0	0.0	19.5	1.0	0.0	24.0	0.0	1.0	0.0	3.0	5.0	0.0	
19	1.0	0.0	.5	31.0	0.0	0.0	0.0	0.0	6.0	0.0	25.0	0.0	
20	7.0	0.0	0.0	56.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
21	14.0	0.0	0.0	1.0	7.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	
22	18.0	17.0	0.0	17.0	0.0	0.0	0.0	0.0	.5	54.0	.5	0.0	
23	0.0	30.0	0.0	26.0	0.0	1.5	0.0	0.0	13.0	0.0	1.0	0.0	
24	7.0	18.0	0.0	4.0	0.0	3.5	0.0	0.0	17.0	0.0	.5	0.0	
25	18.0	0.0	0.0	0.0	1.0	5.0	0.0	0.0	15.0	0.0	4.0	0.0	
26	12.0	2.0	1.0	2.0	6.0	0.0	0.0	0.0	.5	0.0	1.0	0.0	
27	8.0	0.0	0.0	43.0	0.0	6.0	0.0	0.0	0.0	2.0	0.0	0.0	
28	3.5	0.0	1.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	8.0		0.0	0.0	13.0	10.0	9.0	0.0	0.0	0.0	0.0	0.0	
30	18.0		1.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	37.0	0.0	
31	5.0		14.0		7.0		19.0	0.0		3.0		0.0	
													Anual
Total	253.5	111.0	140.0	281.5	213.0	236.5	35.0	10.5	163.5	146.5	310.0	14.0	1915.0
Días LI.	26	12	16	20	12	18	5	3	14	14	22	2	

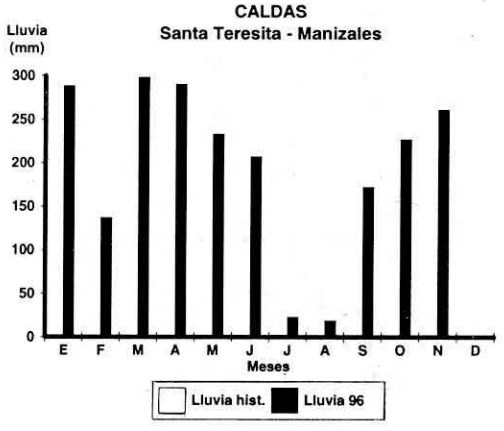
Estación : LA ARGENTINA
Año : 1997

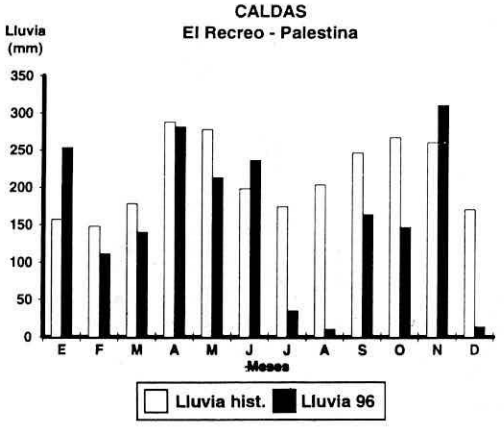
Dpto. : CALDAS
Mpio. : PALESTINA

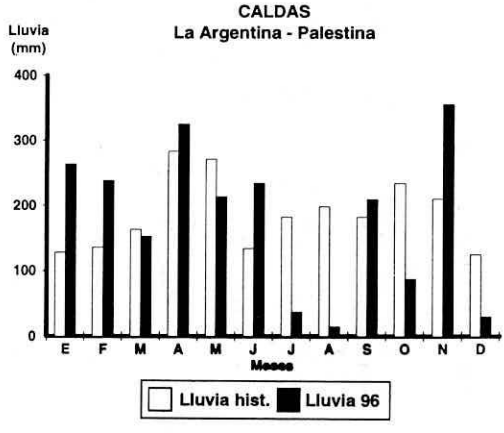
Latitud : 5 ° 2 ' N
Longitud : 75 ° 41 ' W
Altitud : 1350 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	16.0	10.0	22.0	0.0	0.0	3.0	0.0	0.0	14.0	1.0	0.0	24.0	
2	0.0	0.0	2.0	0.0	5.0	8.0	0.0	0.0	0.0	5.0	10.0	0.0	
3	0.0	0.0	0.0	17.0	26.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	61.0	0.0	
5	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	23.0	0.0	15.0	0.0	
6	10.0	16.0	0.0	0.0	0.0	9.0	2.0	0.0	31.0	0.0	8.0	0.0	
7	0.0	17.0	0.0	0.0	0.0	35.0	0.0	0.0	19.0	0.0	14.0	0.0	
8	9.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	6.0	0.0	
9	35.0	47.0	3.0	0.0	12.0	6.0	0.0	0.0	2.0	2.0	8.0	0.0	
10	20.0	0.0	5.0	9.0	82.0	0.0	10.0	0.0	0.0	3.0	25.0	0.0	
11	0.0	7.0	15.0	0.0	0.0	32.0	0.0	3.0	0.0	8.0	57.0	0.0	
12	43.0	14.0	10.0	0.0	11.0	10.0	0.0	0.0	0.0	0.0	17.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	10.0	3.0	
14	0.0	47.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
15	0.0	0.0	23.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	16.0	0.0	13.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	
17	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
18	0.0	0.0	4.0	35.0	0.0	13.0	0.0	10.0	0.0	3.0	20.0	0.0	
19	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	8.0	6.0	12.0	0.0	
20	0.0	0.0	0.0	7.0	33.0	0.0	0.0	0.0	30.0	30.0	0.0	0.0	
21	0.0	7.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	
23	30.0	17.0	0.0	60.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	
24	15.0	0.0	0.0	18.0	0.0	17.0	0.0	0.0	9.0	0.0	6.0	0.0	
25	49.0	0.0	0.0	3.0	6.0	7.0	0.0	0.0	5.0	0.0	0.0	0.0	
26	0.0	4.0	0.0	0.0	4.0	3.0	0.0	0.0	2.0	5.0	0.0	0.0	
27	0.0	0.0	0.0	67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0	0.0	3.0	
29	0.0		0.0	0.0	5.0	8.0	10.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		5.0	0.0	0.0	10.0	0.0	0.0	0.0	9.0	57.0	0.0	
31	20.0		0.0		29.0		15.0	0.0		0.0		0.0	
													Anual
Total	263.0	238.0	152.0	325.0	213.0	234.0	37.0	15.0	209.0	87.0	356.0	30.0	2159.0
Días LI.	11	12	12	12	10	15	4	3	15	12	17	3	


CALDAS
Las Colinas - Manizales
Lluvia (mm)
350
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


CALDAS
Santa Teresita - Manizales
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
El Recreo - Palestina
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Argentina - Palestina
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : MORAVO
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 5 ° 1 ' N
Longitud : 75 ° 43 ' W
Altitud : 1094 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	10.0	2.0	0.0	0.0	8.0	28.0	0.0	0.0	1.0	0.0	0.0	17.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	5.0	0.0
3	0.0	4.0	0.0	10.0	33.0	40.0	0.0	0.0	0.0	0.0	4.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0
5	0.0	1.0	9.0	0.0	3.0	0.0	0.0	0.0	12.0	0.0	24.0	0.0
6	3.0	4.0	0.0	17.0	0.0	9.0	0.0	0.0	0.0	0.0	30.0	0.0
7	0.0	24.0	0.0	0.0	0.0	17.0	1.0	0.0	35.0	0.0	25.0	0.0
8	20.0	30.0	0.0	0.0	0.0	0.0	1.0	0.0	15.0	3.0	15.0	0.0
9	33.0	17.0	0.0	3.0	12.0	7.0	0.0	0.0	1.0	0.0	0.0	0.0
10	19.0	23.0	0.0	0.0	10.0	58.0	5.0	0.0	0.0	5.0	37.0	0.0
11	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	70.0	0.0
12	28.0	14.0	15.0	16.0	10.0	8.0	0.0	1.0	0.0	6.0	57.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0
15	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	11.0	3.0	40.0	20.0	0.0	24.0	8.0	0.0	0.0	6.0	15.0	0.0
17	0.0	0.0	15.0	0.0	0.0	34.0	0.0	0.0	0.0	15.0	0.0	0.0
18	0.0	1.0	6.0	18.0	2.0	89.0	0.0	2.0	18.0	0.0	38.0	0.0
19	0.0	0.0	0.0	31.0	11.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
20	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
21	12.0	0.0	0.0	39.0	60.0	0.0	0.0	0.0	50.0	15.0	0.0	0.0
22	0.0	10.0	0.0	19.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
23	23.0	0.0	0.0	47.0	0.0	0.0	0.0	0.0	10.0	0.0	12.0	0.0
24	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	7.0	0.0	2.0	0.0
25	9.0	0.0	0.0	10.0	8.0	9.0	0.0	0.0	10.0	0.0	5.0	0.0
26	21.0	30.0	0.0	19.0	3.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0
27	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
29	1.0		0.0	0.0	0.0	5.0	4.0	0.0	8.0	0.0	0.0	2.0
30	1.0		11.0	0.0	0.0	17.0	0.0	0.0	0.0	5.0	10.0	0.0
31	29.0		10.0		0.0		0.0	0.0		0.0		13.0
Total	251.0	191.0	121.0	261.0	160.0	345.0	19.0	3.0	187.0	106.0	389.0	34.0
Anual	2067.0											
Días LI.	16	15	8	14	11	13	5	2	13	12	17	4

Estación : JAVA
Año : 1997

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 1 ' N
Longitud : 75 ° 33 ' W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	2.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	17.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
3	34.0	0.0	0.0	55.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	12.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	32.0	11.0	0.0
5	0.0	4.0	0.0	0.0	0.0	17.0	0.0	0.0	34.0	0.0	7.0	0.0
6	11.0	10.0	0.0	7.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
7	0.0	0.0	0.0	0.0	0.0	13.0	8.0	0.0	7.0	0.0	2.0	0.0
8	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
9	71.0	6.0	12.0	7.0	22.0	4.0	0.0	0.0	1.0	18.0	12.0	0.0
10	20.0	0.0	40.0	0.0	17.0	0.0	2.0	0.0	0.0	51.0	2.0	0.0
11	0.0	0.0	22.0	0.0	0.0	48.0	0.0	0.0	0.0	19.0	15.0	0.0
12	19.0	0.0	70.0	0.0	6.0	27.0	0.0	0.0	0.0	31.0	0.0	0.0
13	0.0	2.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
15	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	50.0	8.0	23.0	0.0	0.0	25.0	2.0	0.0	0.0	42.0	4.0	0.0
17	12.0	1.0	17.0	5.0	0.0	13.0	0.0	0.0	0.0	5.0	0.0	0.0
18	9.0	0.0	6.0	22.0	0.0	8.0	0.0	0.0	0.0	3.0	17.0	0.0
19	0.0	5.0	23.0	20.0	0.0	2.0	0.0	0.0	27.0	0.0	1.0	0.0
20	3.0	7.0	2.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
21	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	22.0	54.0	0.0	0.0
22	9.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
23	8.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	16.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
25	41.0	3.0	0.0	0.0	6.0	3.0	0.0	0.0	5.0	0.0	20.0	0.0
26	30.0	0.0	0.0	5.0	16.0	2.0	0.0	0.0	0.0	0.0	12.0	0.0
27	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		2.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
31	18.0		0.0		17.0		21.0	0.0		0.0		0.0
Total	376.0	58.0	217.0	186.0	101.0	178.0	35.0	5.0	141.0	260.0	109.0	0.0
Anual	1666.0											
Días LI.	19	10	10	11	10	15	5	1	11	10	13	0

Estación : LA PALMA
Año : 1997

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 0 ' N
Longitud : 75 ° 41 ' W
Altitud : 1300 m

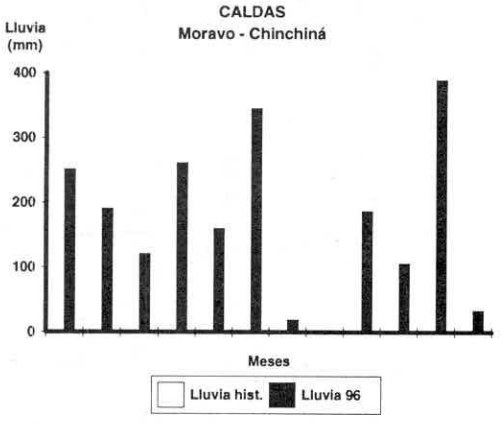
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	2.0	3.0	3.0	0.0	0.0				0.0	0.0	0.0	17.0	
2	5.0	1.0	1.0	0.0	45.0				0.0	2.0	6.0	0.0	
3	0.0	0.0	2.0	0.0	0.0				0.0	0.0	2.0	0.0	
4	0.0	2.0	10.0	15.0	0.0				0.0	5.0	43.0	0.0	
5	0.0	0.0	2.0	45.0	0.0				12.0	0.0	14.0	0.0	
6	5.0	10.0	0.0	0.0	0.0				0.0	0.0	17.0	0.0	
7	10.0	75.0	3.0	4.0	0.0				42.0	0.0	11.0	0.0	
8	6.0	35.0	2.0	0.0	0.0				31.0	0.0	5.0	0.0	
9	50.0	5.0	10.0	0.0	19.0				0.0	1.0	7.0	0.0	
10	5.0	6.0	2.0	5.0	27.0				0.0	8.0	26.0	0.0	
11	10.0	11.0	6.0	0.0	0.0				0.0	0.0	18.0	0.0	
12	48.0	0.0	3.0	0.0	5.0				0.0	8.0	5.0	0.0	
13	2.0	3.0	0.0	0.0	0.0				0.0	0.0	10.0	3.0	
14	0.0	40.0	0.0	10.0	0.0				0.0	0.0	0.0	0.0	
15	0.0	2.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	
16	30.0	6.0	30.0	45.0	0.0				0.0	10.0	0.0	0.0	
17	0.0	7.0	20.0	55.0	0.0				0.0	0.0	10.0	0.0	
18	0.0	0.0	15.0	35.0	0.0				10.0	2.0	3.0	0.0	
19	0.0	2.0	0.0	30.0	0.0				10.0	4.0	50.0	0.0	
20	0.0	3.0	5.0	25.0	0.0				0.0	5.0	0.0	0.0	
21	4.0	5.0	3.0	40.0	77.0				50.0	17.0	0.0	0.0	
22	28.0	0.0	0.0	38.0	0.0				0.0	0.0	0.0	0.0	
23	3.0	30.0	0.0	30.0	0.0				20.0	0.0	0.0	0.0	
24	10.0	0.0	0.0	10.0	10.0				4.0	0.0	0.0	0.0	
25	40.0	2.0	0.0	0.0	18.0				0.0	0.0	0.0	0.0	
26	0.0	10.0	0.0	3.0	0.0				0.0	5.0	0.0	0.0	
27	2.0	1.0	0.0	15.0	0.0				0.0	24.0	0.0	0.0	
28	1.0	0.0	5.0	0.0	0.0				2.0	0.0	0.0	2.0	
29	0.0		0.0	0.0	5.0				0.0	0.0	0.0	0.0	
30	3.0		0.0	0.0	0.0				0.0	5.0	40.0	0.0	
31	48.0		10.0		0.0					0.0		0.0	
													Anual
Total	312.0	259.0	132.0	405.0	206.0				181.0	96.0	267.0	22.0	
Días Ll.	20	21	18	16	8				9	13	16	3	

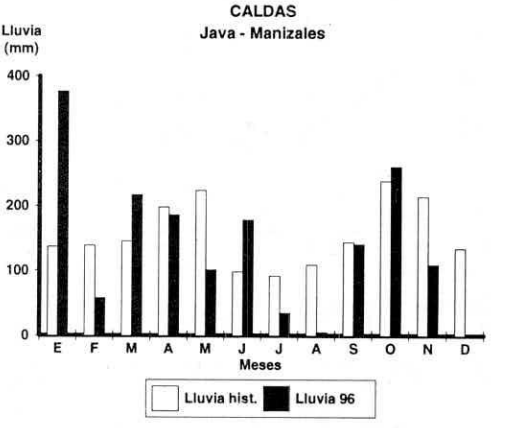
Estación : LA DIVISA
Año : 1997

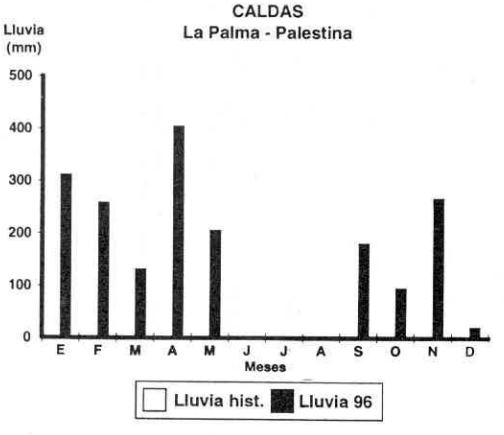
Dpto. : CALDAS
Mpio. : CHINCHINA

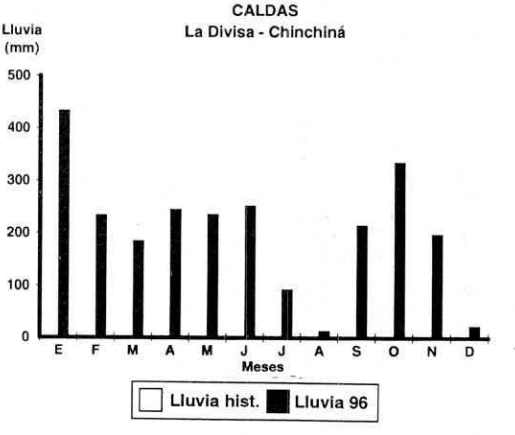
Latitud : 4 ° 59 ' N
Longitud : 75 ° 36 ' W
Altitud : 1590 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	35.0	36.0	0.0	11.0	0.0	6.0	0.0	0.0	12.0	6.0	0.0	2.0	
2	21.0	0.0	0.0	12.0	1.0	9.0	0.0	0.0	0.0	0.0	0.0	2.0	
3	9.0	0.0	6.0	82.0	13.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
4	0.0	5.0	5.0	0.0	0.0	32.0	6.0	0.0	0.0	10.0	16.0	0.0	
5	0.0	4.0	1.0	0.0	1.0	20.0	0.0	0.0	43.0	0.0	0.0	0.0	
6	25.0	3.0	0.0	21.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	6.0	0.0	0.0	0.0	0.0	11.0	30.0	0.0	16.0	0.0	15.0	0.0	
8	19.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	12.0	0.0	12.0	0.0	
9	20.0	8.0	3.0	5.0	39.0	0.0	6.0	0.0	3.0	60.0	8.0	0.0	
10	12.0	0.0	11.0	0.0	37.0	7.0	6.0	0.0	0.0	82.0	19.0	0.0	
11	10.0	1.0	16.0	0.0	1.0	31.0	0.0	0.0	1.0	12.0	17.0	0.0	
12	28.0	15.0	29.0	0.0	10.0	2.0	0.0	1.0	0.0	36.0	13.0	0.0	
13	0.0	0.0	5.0	0.0	2.0	32.0	0.0	0.0	0.0	0.0	14.0	0.0	
14	0.0	0.0	0.0	0.0	17.0	0.0	0.0	4.0	0.0	0.0	4.0	9.0	
15	11.0	12.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	55.0	15.0	41.0	36.0	0.0	6.0	0.0	0.0	0.0	20.0	3.0	0.0	
17	27.0	16.0	10.0	7.0	0.0	7.0	0.0	0.0	0.0	10.0	4.0	0.0	
18	0.0	0.0	21.0	3.0	0.0	17.0	0.0	8.0	0.0	3.0	10.0	0.0	
19	0.0	19.0	20.0	9.0	0.0	3.0	0.0	0.0	1.0	0.0	5.0	1.0	
20	9.0	74.0	0.0	11.0	0.0	0.0	0.0	0.0	30.0	22.0	0.0	0.0	
21	0.0	1.0	4.0	0.0	67.0	0.0	0.0	0.0	28.0	41.0	0.0	9.0	
22	10.0	5.0	0.0	16.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	
23	51.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	27.0	0.0	20.0	0.0	
24	1.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	3.0	0.0	
25	0.0	0.0	0.0	15.0	17.0	39.0	0.0	0.0	6.0	0.0	12.0	0.0	
26	12.0	13.0	0.0	6.0	12.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	
27	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	3.0	8.0	0.0	0.0	
28	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	2.0		0.0	0.0	11.0	9.0	0.0	0.0	9.0	0.0	2.0	0.0	
30	30.0		0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	16.0	0.0	
31	41.0		0.0		1.0		45.0	0.0		0.0		0.0	
													Anual
Total	434.0	234.0	185.0	245.0	235.0	252.0	93.0	13.0	215.0	335.0	198.0	23.0	2462.0
Días Ll.	21	16	15	15	15	19	5	3	15	13	19	5	


CALDAS
Moravo - Chinchiná
Lluvia (mm)
400
300
200
100
0
Meses
Lluvia hist.
Lluvia 96


CALDAS
Java - Manizales
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Palma - Palestina
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Divisa - Chinchiná
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : LA SIERRA
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 59 ' N
Longitud : 75 ° 38 ' W
Altitud : 1450 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	6.0	
2	0.0	0.0	17.0	0.0	5.0	0.0	0.0	0.0	0.0	12.0	10.0	0.0	
3	0.0	0.0	0.0	18.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	13.0	0.0	0.0	21.0	0.0	0.0	0.0	12.0	21.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	17.0	0.0	20.0	0.0	
6	6.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	43.0	0.0	10.0	0.0	
8	3.0	0.0	0.0	12.0	0.0	0.0	7.0	0.0	21.0	0.0	15.0	15.0	
9	14.0	22.0	0.0	0.0	25.0	10.0	0.0	0.0	0.0	10.0	5.0	0.0	
10	0.0	9.0	0.0	24.0	15.0	11.0	0.0	0.0	0.0	0.0	14.0	0.0	
11	0.0	0.0	6.0	0.0	0.0	27.0	0.0	0.0	4.0	12.0	41.0	0.0	
12	12.0	0.0	23.0	0.0	9.0	19.0	0.0	0.0	0.0	15.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
15	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	39.0	2.0	26.0	20.0	0.0	7.0	0.0	9.0	0.0	10.0	42.0	0.0	
17	0.0	9.0	4.0	0.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	22.0	23.0	0.0	11.0	0.0	0.0	7.0	0.0	
19	0.0	9.0	6.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	41.0	17.0	
20	0.0	9.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	64.0	44.0	0.0	0.0	
22	5.0	18.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	11.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	8.0	0.0	
24	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
25	20.0	0.0	0.0	0.0	9.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	13.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	3.0	8.0	0.0	
27	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
29	0.0		0.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	8.0		0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	20.0	0.0	
31	10.0		0.0		0.0		23.0	0.0		0.0		0.0	
Total	128.0	132.0	95.0	150.0	140.0	163.0	43.0	20.0	199.0	161.0	289.0	50.0	Anual 1570.0
Días LI.	10	13	7	8	11	12	3	2	9	11	16	4	

Estación : LA FRANCIA
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 59 ' N
Longitud : 75 ° 41 ' W
Altitud : 1360 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	15.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	
3	0.0	0.0	0.0	4.0	0.0	45.0	0.0	0.0	0.0	0.0	9.0	0.0	
4	0.0	45.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	
5	0.0	40.0	0.0	45.0	0.0	0.0	0.0	0.0	13.0	0.0	19.0	0.0	
6	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	0.0	
7	0.0	35.0	0.0	0.0	0.0	0.0	10.0	0.0	26.0	0.0	0.0	0.0	
8	45.0	20.0	0.0	15.0	0.0	0.0	20.0	0.0	23.0	7.0	16.0	0.0	
9	0.0	11.0	0.0	0.0	11.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	18.0	12.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	13.0	0.0	
11	0.0	30.0	7.0	20.0	0.0	35.0	0.0	0.0	0.0	15.0	39.0	0.0	
12	20.0	0.0	8.0	12.0	15.0	18.0	0.0	0.0	0.0	15.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	8.0	15.0	0.0	0.0	0.0	15.0	0.0	0.0	
14	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	30.0	0.0	37.0	20.0	0.0	22.0	30.0	0.0	0.0	20.0	25.0	0.0	
17	0.0	0.0	10.0	0.0	0.0	25.0	0.0	0.0	0.0	23.0	8.0	0.0	
18	0.0	0.0	0.0	45.0	7.0	27.0	0.0	0.0	6.0	0.0	0.0	0.0	
19	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	66.0	0.0	0.0	0.0	45.0	27.0	0.0	0.0	
22	0.0	15.0	0.0	49.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
23	0.0	8.0	0.0	40.0	0.0	0.0	0.0	0.0	15.0	0.0	24.0	9.0	
24	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	
25	28.0	47.0	0.0	11.0	25.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	9.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	27.0	0.0	0.0	
28	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	11.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	10.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	239.0	263.0	77.0	350.0	139.0	227.0	60.0	24.0	143.0	149.0	261.0	12.0	Anual 1944.0
Días LI.	12	10	5	13	7	9	3	2	8	8	11	2	

Estación : LOS POMOS
Año : 1997

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 58 ' N
Longitud : 75 ° 35 ' W
Altitud : 1500 m

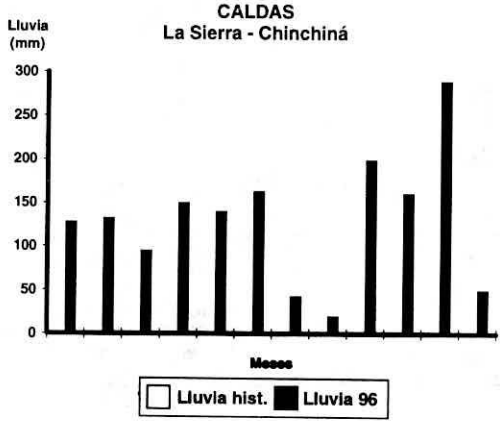
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1		39.0	0.0	15.0	0.0	0.0	0.0	0.0	7.0	7.0	0.0	0.0	
2		0.0	4.0	38.0	0.0	24.0	3.0	0.0	0.0	3.0	0.0	0.0	
3		0.0	7.0	66.0	12.0	14.0	0.0	0.0	0.0	14.0	0.0	0.0	
4		2.0	12.0	0.0	0.0	11.0	0.0	0.0	0.0	9.0	16.0	0.0	
5		0.0	0.0	12.0	1.0	10.0	0.0	0.0	26.0	0.0	0.0	0.0	
6		0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
7		0.0	0.0	0.0	0.0	15.0	12.0	0.0	13.0	0.0	11.0	0.0	
8		0.0	4.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	7.0	0.0	
9		0.0	6.0	4.0	39.0	0.0	4.0	0.0	1.0	58.0	5.0	0.0	
10		3.0	0.0	0.0	35.0	4.0	3.0	0.0	0.0	68.0	13.0	0.0	
11		0.0	34.0	0.0	2.0	27.0	0.0	0.0	10.0	9.0	15.0	0.0	
12		22.0	28.0	0.0	12.0	0.0	0.0	0.0	4.0	51.0	21.0	0.0	
13		0.0	22.0	0.0	2.0	19.0	0.0	3.0	0.0	0.0	10.0	0.0	
14		27.0	0.0	0.0	9.0	0.0	0.0	2.0	0.0	0.0	6.0	5.0	
15		7.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16		6.0	50.0	39.0	0.0	8.0	2.0	0.0	0.0	16.0	1.0	0.0	
17		0.0	10.0	8.0	0.0	15.0	0.0	0.0	0.0	13.0	0.0	0.0	
18		7.0	8.0	4.0	4.0	13.0	0.0	17.0	0.0	1.0	0.0	0.0	
19		12.0	13.0	7.0	0.0	1.0	0.0	0.0	23.0	1.0	8.0	1.0	
20		20.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	
21		14.0	0.0	6.0	52.0	0.0	0.0	0.0	13.0	33.0	0.0	3.0	
22		8.0	0.0	15.0	1.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0	
23		7.0	19.0	7.0	0.0	0.0	0.0	0.0	18.0	0.0	10.0	0.0	
24		0.0	0.0	0.0	0.0	7.0	0.0	0.0	16.0	0.0	7.0	0.0	
25		27.0	0.0	0.0	14.0	22.0	0.0	0.0	9.0	0.0	10.0	0.0	
26		0.0	0.0	0.0	11.0	2.0	0.0	0.0	1.0	0.0	5.0	0.0	
27		0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
28		0.0	0.0	0.0	1.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
29			0.0	0.0	2.0	8.0	0.0	0.0	4.0	0.0	2.0	0.0	
30			9.0	0.0	10.0	6.0	0.0	0.0	0.0	0.0	23.0	0.0	
31			19.0		9.0		47.0	0.0		0.0		0.0	
													Anual
Total	0.0	201.0	249.0	278.0	216.0	219.0	71.0	22.0	160.0	316.0	170.0	9.0	1911.0
Días LI.	0	14	16	14	17	19	6	3	15	16	17	3	

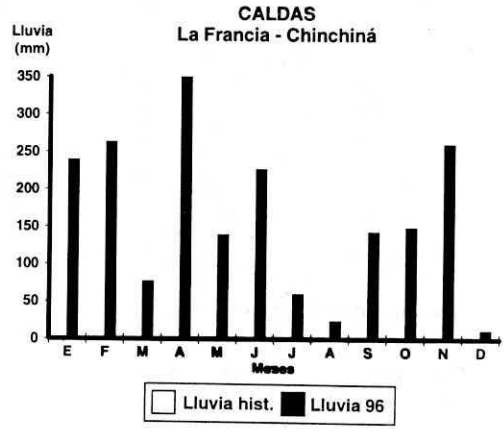
Estación : INSTITUTO TECNICO
Año : 1997

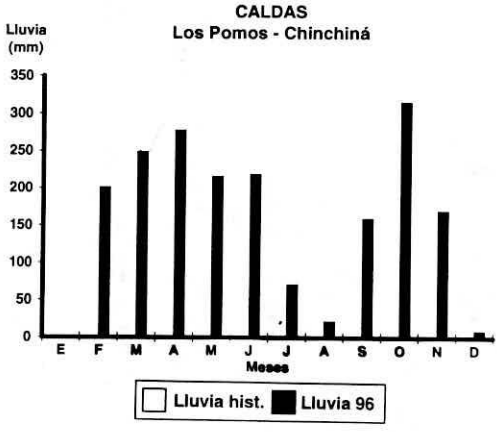
Dpto. : CAUCA
Mpio. : SANTANDER DE QUILICHAO

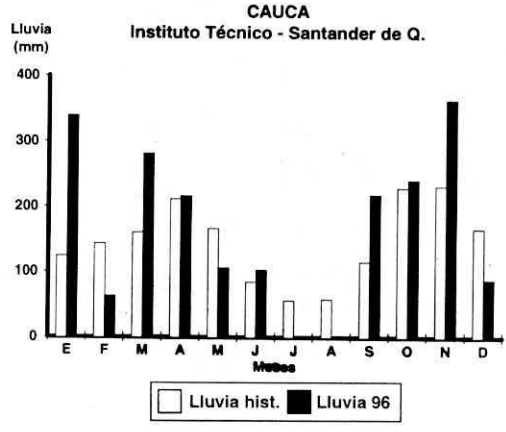
Latitud : 3 ° 1 ' N
Longitud : 76 ° 29 ' W
Altitud : 1110 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	8.0	3.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	4.0	32.0	
2	0.0	0.0	5.0	0.0	0.0	1.0	0.0	0.0	0.0	4.0	5.0	47.0	
3	0.0	0.0	12.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
5	8.0	5.0	0.0	0.0	4.0	24.0	0.0	0.0	16.0	0.0	13.0	0.0	
6	86.0	0.0	0.0	31.0	2.0	26.0	0.0	0.0	0.0	0.0	3.0	0.0	
7	0.0	0.0	0.0	0.0	3.0	15.0	0.0	0.0	0.0	0.0	21.0	0.0	
8	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
9	24.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	24.0	13.0	0.0	
10	0.0	0.0	0.0	69.0	4.0	2.0	0.0	0.0	0.0	1.0	9.0	0.0	
11	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	10.0	42.0	0.0	
12	0.0	0.0	20.0	2.0	0.0	0.0	0.0	0.0	0.0	27.0	3.0	0.0	
13	0.0	0.0	1.0	0.0	3.0	0.0	0.0	0.0	0.0	15.0	1.0	4.0	
14	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	108.0	0.0	
15	1.0	42.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	13.0	3.0	5.0	
16	0.0	0.0	27.0	0.0	0.0	2.0	0.0	0.0	0.0	6.0	28.0	0.0	
17	0.0	2.0	25.0	2.0	0.0	16.0	0.0	0.0	0.0	3.0	0.0	0.0	
18	40.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	4.0	0.0	
19	12.0	0.0	41.0	12.0	0.0	0.0	0.0	0.0	48.0	48.0	8.0	0.0	
20	58.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	22.0	27.0	0.0	
21	3.0	0.0	0.0	16.0	46.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
22	3.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	105.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
24	22.0	6.0	0.0	3.0	0.0	0.0	0.0	0.0	24.0	0.0	38.0	0.0	
25	18.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	
26	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	13.0	3.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
28	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	16.0		45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		13.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		9.0		28.0		2.0	0.0		0.0		0.0	
													Anual
Total	339.0	63.0	281.0	216.0	106.0	103.0	2.0	0.0	218.0	240.0	363.0	88.0	2019.0
Días LI.	14	5	13	15	10	8	1	0	5	16	20	4	


CALDAS
La Sierra - Chinchiná
Lluvia (mm)
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


CALDAS
La Francia - Chinchiná
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CALDAS
Los Pomos - Chinchiná
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CAUCA
Instituto Técnico - Santander de Q.
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : MADRIGAL
Año : 1997

Dpto. : CAUCA
Mpio. : CALDONO

Latitud : 2 ° 51 ' N
Longitud : 76 ° 33 ' W
Altitud : 1480 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	11.0	10.0	46.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	23.0	0.0	9.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	20.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	6.0	0.0	0.0	0.0	11.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	15.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	20.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	
9	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	21.0	13.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	22.0	0.0	0.0	
12	11.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	3.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	
15	10.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	21.0	2.0	0.0	
16	14.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	6.0	
17	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	10.0	0.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	33.0	0.0	
19	19.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	14.0	0.0	3.0	0.0	
20	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	5.0	7.0	0.0	0.0	
21	33.0	0.0	0.0	10.0	8.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
22	0.0	0.0	0.0	18.0	4.0	0.0	0.0	0.0	44.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
24	21.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	20.0	0.0	
25	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	0.0	
28	9.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
29	9.0		25.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
30	18.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		3.0		7.0		0.0	0.0		0.0		0.0	
Total	324.0	31.0	203.0	126.0	76.0	85.0	0.0	0.0	73.0	140.0	150.0	6.0	Anual 1214.0
Días LI.	18	2	12	8	8	4	0	0	6	7	10	1	

Estación : PORTACHUELO
Año : 1997

Dpto. : CAUCA
Mpio. : ROSAS

Latitud : 2 ° 15 ' N
Longitud : 76 ° 45 ' W
Altitud : 1750 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	39.0	2.5	0.0	27.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	46.0	0.0	12.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	50.5	0.0	13.5	0.0	16.5	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
4	14.0	66.0	10.5	0.0	0.0	3.0	0.0	0.0	0.0	0.0	21.0	0.0	
5	7.5	15.5	0.0	15.5	0.0	19.5	0.0	0.0	0.0	0.0	9.5	6.0	
6	21.0	13.0	0.0	3.0	0.0	45.0	0.0	0.0	0.0	0.0	3.0	17.0	
7	15.0	0.0	0.0	0.0	0.0	37.5	0.0	0.0	0.0	0.0	13.0	0.0	
8	8.0	11.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
9	96.0	8.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	
10	75.0	7.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	3.5	18.0	14.0	
11	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	2.5	9.0	0.0	
12	0.0	3.0	0.0	0.0	0.0	4.0	0.0	0.0	4.5	20.5	4.0	0.0	
13	40.0	9.0	15.0	0.0	2.0	11.5	0.0	0.0	0.0	28.0	35.0	0.0	
14	30.0	0.0	28.0	21.0	4.5	1.0	0.0	0.0	0.0	17.0	18.0	0.0	
15	57.0	18.0	40.0	13.0	15.0	0.0	0.0	0.0	0.0	9.0	5.0	0.0	
16	48.5	0.0	15.5	3.5	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	
17	47.0	5.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	8.5	0.0	
18	35.0	0.0	8.0	0.0	0.0	3.0	0.0	0.0	0.0	10.0	9.0	0.0	
19	11.5	0.0	9.0	0.0	1.5	0.0	0.0	0.0	13.0	0.0	57.0	0.0	
20	11.0	0.0	0.0	8.0	0.0	20.0	0.0	0.0	15.5	3.0	2.5	0.0	
21	25.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	7.0	4.0	0.0	0.0	
22	4.5	0.0	0.0	17.0	9.0	0.0	0.0	0.0	21.0	0.0	9.0	0.0	
23	13.0	0.0	0.0	33.0	17.0	0.0	0.0	0.0	14.0	5.5	6.0	0.0	
24	31.0	0.0	0.0	20.0	35.0	3.0	0.0	0.0	4.0	10.0	12.0	0.0	
25	22.5	0.0	0.0	15.0	28.0	21.0	0.0	0.0	0.0	0.0	8.5	0.0	
26	13.0	0.0	3.0	12.5	6.0	2.0	0.0	0.0	0.0	0.0	11.0	0.0	
27	12.5	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	32.0	0.0	
28	17.0	0.0	6.0	0.0	3.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
29	18.0		4.5	0.0	21.5	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
30	7.5		0.0	0.0	4.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
31	4.0		0.0		0.0		0.0	0.0		5.0		0.0	
Total	820.0	158.0	183.0	210.5	179.0	200.5	0.0	0.0	79.0	152.5	341.0	42.0	Anual 2365.5
Días LI.	29	11	14	15	16	14	0	0	7	18	23	4	

Estación : LAS ACACIAS
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : PAIME

Latitud : 5 ° 25 ' N
Longitud : 74 ° 12 ' W
Altitud : 1320 m

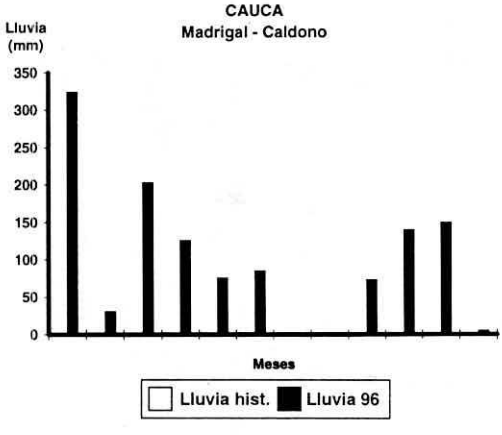
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	3.9	2.5	60.1	20.4	5.0	0.0	0.0	0.0	3.2	4.0	0.0	0.0	
2	3.0	15.8	0.0	21.4	0.0	4.7	1.3	0.0	1.2	5.0	32.2	0.0	
3	3.0	15.9	0.0	30.4	3.5	16.3	0.0	0.0	10.5	8.3	7.6	0.0	
4	3.0	4.3	0.0	10.4	0.0	1.5	0.0	0.0	5.4	0.0	30.5	0.0	
5	3.0	0.0	0.0	0.0	5.1	19.2	0.0	0.0	2.5	0.0	2.5	0.0	
6	0.0	6.4	0.0	4.4	0.0	128.3	0.0	0.0	30.3	0.0	45.4	0.0	
7	0.0	16.4	0.0	0.0	0.0	25.2	0.0	0.0	50.8	0.0	51.4	0.0	
8	0.0	23.2	0.0	9.6	0.0	35.5	63.2	0.0	80.3	0.0	19.0	0.0	
9	18.0	.4	34.0	120.4	0.0	10.2	0.0	0.0	6.1	2.5	3.2	5.0	
10	5.0	0.0	9.0	26.5	0.0	0.0	2.4	0.0	10.1	9.2	8.0	0.0	
11	0.0	3.7	48.4	4.5	0.0	59.5	9.2	0.0	7.5	50.2	5.2	0.0	
12	0.0	20.2	39.0	25.6	0.0	0.0	0.0	0.0	0.0	20.3	10.0	16.4	
13	0.0	30.4	4.0	12.2	21.5	0.0	0.0	0.0	0.0	10.6	15.3	0.0	
14	0.0	.4	2.0	20.0	1.0	0.0	0.0	0.0	0.0	30.5	11.3	0.0	
15	0.0	25.0	19.0	25.2	10.2	.5	0.0	0.0	0.0	40.2	0.0	0.0	
16	0.0	12.0	36.0	2.2	4.5	10.9	15.3	0.0	0.0	60.7	0.0	0.0	
17	2.0	.2	11.0	10.5	0.0	0.0	0.0	0.0	9.0	7.5	0.0	0.0	
18	0.0	20.0	10.4	3.0	4.4	1.0	0.0	0.0	2.9	10.3	20.0	0.0	
19	0.0	10.4	3.0	1.2	5.8	0.0	0.0	0.0	5.4	0.0	53.9	0.0	
20	0.0	11.0	3.3	19.5	0.0	0.0	0.0	0.0	10.3	1.0	2.0	0.0	
21	0.0	7.0	0.0	18.4	3.0	0.0	0.0	0.0	3.2	5.0	0.0	0.0	
22	0.0	5.0	1.0	24.2	5.4	2.4	0.0	0.0	10.4	3.0	0.0	0.0	
23	0.0	0.0	0.0	10.2	10.4	1.6	0.0	0.0	5.4	0.0	0.0	30.6	
24	30.0	5.4	0.0	5.3	7.2	10.4	0.0	0.0	3.2	0.0	0.0	0.0	
25	3.0	0.0	0.0	19.8	3.0	3.5	0.0	0.0	5.0	2.3	3.5	0.0	
26	0.0	0.0	0.0	24.2	18.0	1.1	0.0	0.0	10.7	3.5	8.0	40.0	
27	2.0	8.4	0.0	18.0	10.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	10.5	0.0	1.1	7.4	.2	0.0	0.0	0.0	0.0	18.7	50.8	
29	0.0		10.0	9.0	1.0	0.0	0.0	0.0	10.0	0.0	20.2	10.2	
30	0.0		2.4	0.0	4.0	0.0	0.0	0.0	20.5	4.5	20.4	10.3	
31	0.0		30.0		6.0		0.0	10.5		10.7		0.0	
Total	75.9	254.5	322.6	497.6	136.6	336.4	91.4	10.5	303.9	289.3	388.3	163.3	Anual 2870.3
Días LI.	11	23	17	27	20	19	5	1	23	20	21	7	

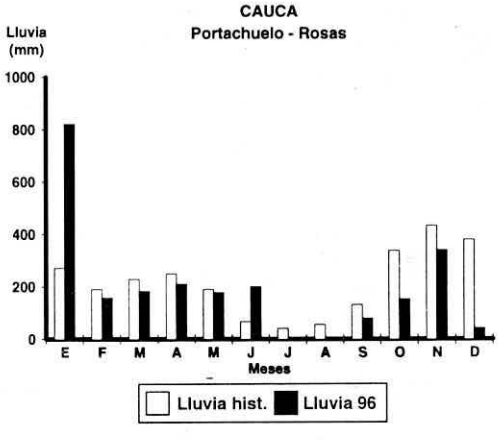
Estación : CANAIMA
Año : 1997

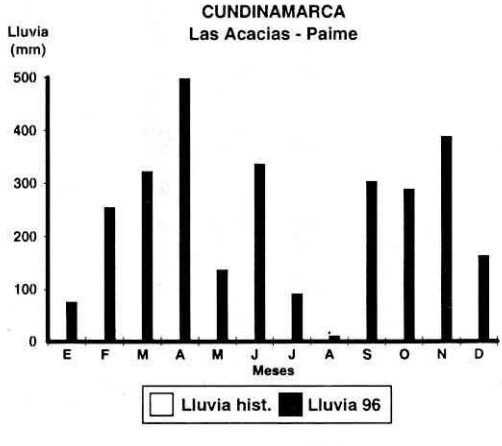
Dpto. : CUNDINAMARCA
Mpio. : LA PALMA

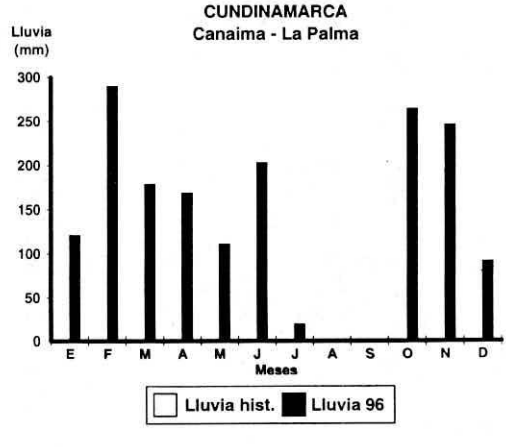
Latitud : 5 ° 21 ' N
Longitud : 74 ° 25 ' W
Altitud : 1550 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0			48.2	0.0	68.6	
2	8.2	0.0	0.0	21.5	0.0	0.0	0.0			0.0	0.0	0.0	
3	0.0	7.0	0.0	0.0	0.0	10.5	0.0			0.0	0.0	0.0	
4	0.0	3.4	0.0	0.0	0.0	0.0	0.0			0.0	10.0	0.0	
5	12.4	13.5	0.0	20.3	0.0	30.3	0.0			0.0	0.0	0.0	
6	0.0	10.5	0.0	0.0	0.0	0.0	0.0			0.0	29.5	0.0	
7	0.0	8.5	0.0	0.0	0.0	0.0	0.0			23.6	29.0	0.0	
8	0.0	9.3	0.0	20.2	0.0	0.0	0.0			0.0	0.0	0.0	
9	13.8	11.3	84.6	0.0	0.0	40.0	0.0			0.0	0.0	0.0	
10	0.0	0.0	3.8	0.0	0.0	35.5	0.0			0.0	14.6	0.0	
11	0.0	10.2	29.5	5.2	0.0	3.0	0.0			30.4	15.3	0.0	
12	6.4	34.8	0.0	0.0	33.9	0.0	0.0			0.0	17.5	0.0	
13	0.0	0.0	5.2	0.0	26.5	0.0	0.0			0.0	0.0	0.0	
14	19.3	0.0	0.0	0.0	0.0	10.2	0.0			10.2	0.0	0.0	
15	0.0	45.8	8.3	0.0	0.0	0.0	0.0			15.4	0.0	0.0	
16	19.8	85.1	0.0	0.0	0.0	20.5	0.0			0.0	0.0	0.0	
17	0.0	13.5	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	
18	0.0	0.0	38.5	0.0	0.0	0.0	0.0			0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	10.7	0.0	0.0			15.8	0.0	0.0	
20	0.0	0.0	0.0	42.4	10.8	0.0	0.0			11.5	55.3	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	
22	0.0	23.2	9.0	26.5	0.0	5.5	0.0			0.0	35.3	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	
24	10.8	0.0	0.0	0.0	0.0	5.3	0.0			0.0	39.5	0.0	
25	10.4	0.0	0.0	15.2	0.0	0.0	0.0			0.0	0.0	0.0	
26	8.6	11.1	0.0	17.4	28.7	10.5	20.5			20.5	0.0	0.0	
27	11.5	2.6	0.0	0.0	0.0	16.2	0.0			28.3	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0			39.8	0.0	5.5	
29	0.0		0.0	0.0	0.0	0.0	0.0			0.0	0.0	17.5	
30	0.0		0.0	0.0	0.0	15.3	0.0			0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0			20.5		0.0	
Total	121.2	289.8	178.9	168.7	110.6	202.8	20.5			264.2	246.0	91.6	Anual
Días LI.	10	15	7	8	5	12	1			11	9	3	


CAUCA
Madrigal - Caldono
Lluvia (mm)
350
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


CAUCA
Portachuelo - Rosas
Lluvia (mm)
1000
800
600
400
200
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CUNDINAMARCA
Las Acacias - Paime
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CUNDINAMARCA
Canaima - La Palma
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : LA ESPERANZA
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : VILLETA

Latitud : 5 ° 1 ' N
Longitud : 74 ° 31 ' W
Altitud : 1350 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	7.0	0.0	0.0		
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0		
4	0.0	47.0	0.0	9.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0		
6	0.0	53.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	4.0		
7	0.0	0.0	0.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0		
8	31.0	0.0	0.0	5.0	0.0	25.0	0.0	0.0	60.0	0.0	0.0		
9	0.0	0.0	3.0	1.0	2.0	0.0	3.0	0.0	0.0	0.0	0.0		
10	0.0	12.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	10.0		
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0		
12	0.0	0.0	4.0	7.0	5.0	70.0	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0		
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0		
15	3.0	3.0	0.0	4.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0		
18	30.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	38.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	10.0	0.0	47.0	14.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0		
22	11.0	4.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0		
23	0.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0	12.0	0.0	35.0		
24	2.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	5.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	10.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0		
29	0.0		3.0	10.0	0.0	0.0	0.0	0.0	40.0	15.0	0.0		
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.0		0.0		0.0		0.0	0.0		0.0			
													Anual
Total	87.0	119.0	100.0	172.0	10.0	194.0	29.0	0.0	131.0	120.0	109.0	0.0	1071.0
Días Ll.	6	5	6	16	3	10	3	0	5	6	4	0	

Estación : ICALI
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

Latitud : 4 ° 57 ' N
Longitud : 74 ° 26 ' W
Altitud : 1380 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	21.0	10.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	40.0	
2	0.0	2.0	6.0	1.0	0.0	5.0	0.0	0.0	24.0	5.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	28.0	0.0	0.0	0.0	2.0	0.0	0.0	29.0	4.0	1.0	0.0	
5	0.0	0.0	0.0	2.0	1.0	45.0	3.0	0.0	9.0	0.0	0.0	0.0	
6	21.0	0.0	0.0	12.0	0.0	2.0	0.0	0.0	1.0	0.0	12.0	0.0	
7	50.0	5.0	0.0	1.0	0.0	11.0	3.0	0.0	0.0	0.0	14.0	0.0	
8	46.0	0.0	0.0	15.0	0.0	5.0	2.0	0.0	50.0	0.0	30.0	0.0	
9	17.0	0.0	0.0	14.0	5.0	4.0	0.0	1.0	3.0	0.0	9.0	0.0	
10	25.0	7.0	0.0	20.0	4.0	17.0	2.0	0.0	0.0	11.0	12.0	3.0	
11	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	27.0	1.0	
12	0.0	1.0	18.0	0.0	4.0	15.0	0.0	0.0	0.0	50.0	3.0	1.0	
13	0.0	0.0	6.0	2.0	10.0	0.0	0.0	0.0	0.0	8.0	2.0	25.0	
14	0.0	2.0	10.0	2.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	33.0	
15	0.0	0.0	21.0	10.0	0.0	5.0	0.0	0.0	0.0	30.0	1.0	2.0	
16	0.0	20.0	19.0	2.0	1.0	0.0	0.0	0.0	0.0	11.0	15.0	12.0	
17	25.0	23.0	24.0	0.0	0.0	0.0	2.0	0.0	0.0	2.0	28.0	2.0	
18	0.0	0.0	4.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	15.0	2.0	
19	0.0	0.0	6.0	1.0	1.0	3.0	0.0	4.0	0.0	0.0	12.0	1.0	
20	0.0	0.0	0.0	9.0	1.0	0.0	0.0	0.0	8.0	11.0	28.0	0.0	
21	89.0	0.0	0.0	5.0	3.0	12.0	0.0	1.0	3.0	13.0	0.0	0.0	
22	0.0	9.0	1.0	14.0	1.0	0.0	0.0	0.0	7.0	2.0	0.0	0.0	
23	36.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
24	9.0	0.0	3.0	6.0	0.0	0.0	0.0	0.0	1.0	0.0	11.0	0.0	
25	18.0	0.0	20.0	3.0	2.0	3.0	0.0	0.0	2.0	10.0	2.0	0.0	
26	20.0	0.0	1.0	2.0	25.0	5.0	0.0	0.0	0.0	0.0	9.0	0.0	
27	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
28	2.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	3.0	0.0	0.0	0.0	11.0	14.0	0.0	
30	1.0		15.0	0.0	1.0	2.0	2.0	0.0	0.0	2.0	2.0	13.0	
31	0.0		12.0		1.0		0.0	0.0		3.0		12.0	
													Anual
Total	359.0	97.0	191.0	153.0	71.0	144.0	14.0	6.0	140.0	226.0	247.0	147.0	1795.0
Días Ll.	13	9	18	22	17	18	6	3	12	20	20	13	

Estación : SAN JUAN
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : SAN JUAN DE RIOSECO

Latitud : 4 ° 51 ' N
Longitud : 74 ° 37 ' W
Altitud : 1300 m

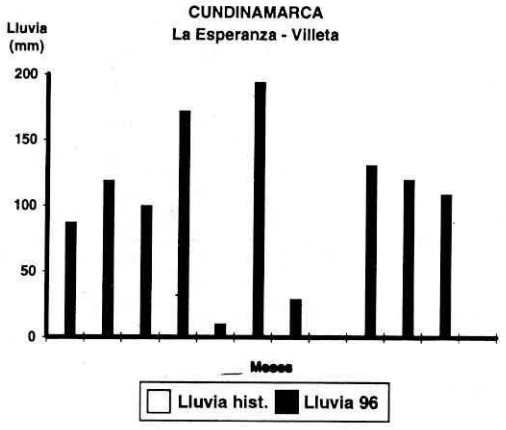
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	61.5	0.0	0.0	0.0	0.0	0.0	14.4	0.0	18.8	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1	0.0	0.0	15.3	
3	0.0	0.0	0.0	6.3	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	21.1	7.4	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	5.9	0.0	0.0	0.0	
6	0.0	27.5	0.0	8.8	0.0	19.7	0.0	0.0	0.0	0.0	17.3	3.6	
7	0.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0	13.6	0.0	0.0	0.0	
8	0.0	0.0	0.0	22.3	0.0	1.3	0.0	0.0	44.7	0.0	4.9	0.0	
9	36.6	0.0	0.0	58.3	0.0	0.0	0.0	0.0	15.9	0.0	0.0	0.0	
10	32.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	25.4	0.0	9.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	30.1	0.0	0.0	
14	0.0	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	7.1	0.0	0.0	1.8	0.0	0.0	8.9	0.0	0.0	
16	0.0	2.3	0.0	3.9	0.0	3.3	0.0	0.0	0.0	21.9	0.0	0.0	
17	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	0.0	0.0	
19	0.0	0.0	21.9	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	
20	0.0	0.0	16.3	4.4	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	
21	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	39.2	13.2	0.0	0.0	0.0	0.0	0.0	19.8	0.0	
26	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		11.9	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	1.8	
31	0.0		3.4		0.0		1.5	0.0		2.9		0.0	
Total	79.0	52.8	86.3	226.8	53.0	57.0	3.3	1.7	106.4	118.1	42.0	39.5	Anual 865.9
Días LI.	3	4	6	11	6	8	2	1	6	8	3	4	

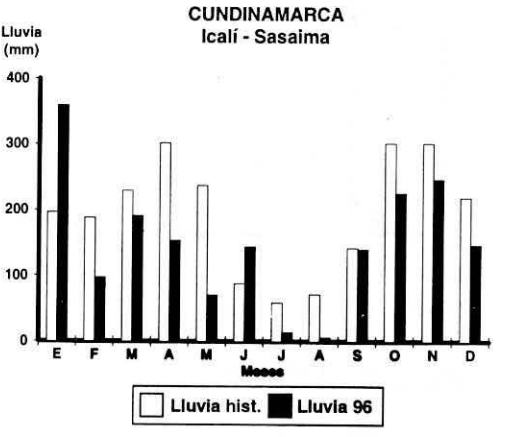
Estación : PINAR DEL RIO
Año : 1997

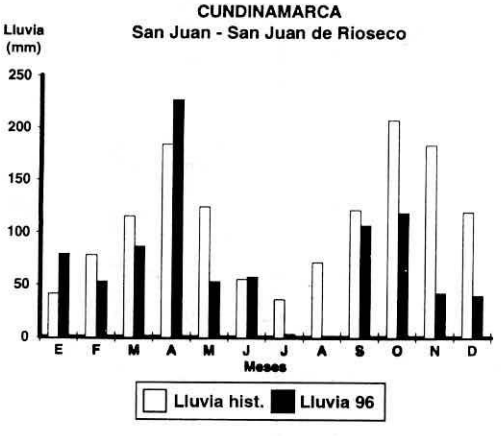
Dpto. : CUNDINAMARCA
Mpio. : SILVANIA

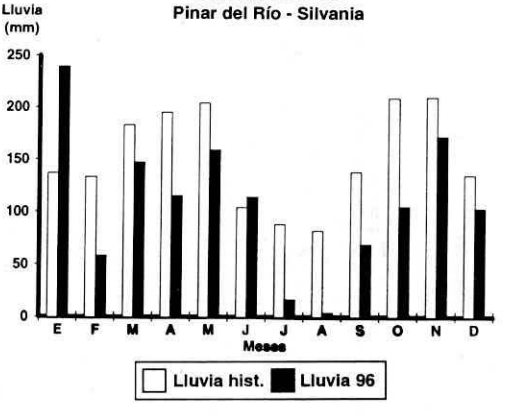
Latitud : 4 ° 27 ' N
Longitud : 74 ° 23 ' W
Altitud : 1750 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	10.0	2.0	0.0	15.0	0.0	0.0	2.0	0.0	2.0	0.0	23.0	1.0	
2	0.0	6.0	23.0	0.0	0.0	0.0	1.0	0.0	1.0	8.0	2.0	0.0	
3	0.0	0.0	2.0	8.0	9.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	7.0	7.0	1.0	0.0	0.0	9.0	0.0	12.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	
7	19.0	1.0	0.0	5.0	0.0	10.0	0.0	0.0	1.0	0.0	16.0	1.0	
8	30.0	1.0	0.0	10.0	0.0	9.0	2.0	0.0	11.0	0.0	26.0	0.0	
9	25.0	1.0	0.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
10	26.0	1.0	0.0	2.0	5.0	0.0	0.0	0.0	0.0	15.0	7.0	0.0	
11	30.0	0.0	0.0	0.0	14.0	0.0	1.0	0.0	0.0	10.0	3.0	0.0	
12	0.0	5.0	6.0	15.0	16.0	33.0	2.0	0.0	0.0	28.0	15.0	0.0	
13	0.0	0.0	7.0	2.0	0.0	23.0	0.0	0.0	0.0	6.0	15.0	0.0	
14	0.0	0.0	0.0	8.0	10.0	1.0	0.0	0.0	0.0	0.0	0.0	9.0	
15	20.0	0.0	20.0	0.0	1.0	1.0	5.0	0.0	0.0	6.0	5.0	21.0	
16	10.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
17	0.0	12.0	35.0	1.0	0.0	0.0	0.0	1.0	0.0	12.0	10.0	0.0	
18	0.0	0.0	5.0	0.0	11.0	3.0	0.0	1.0	0.0	5.0	0.0	7.0	
19	0.0	0.0	24.0	8.0	6.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	
20	18.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	13.0	0.0	10.0	0.0	
21	0.0	0.0	2.0	9.0	0.0	0.0	0.0	0.0	3.0	6.0	0.0	0.0	
22	1.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
23	14.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	
24	0.0	1.0	0.0	18.0	0.0	5.0	0.0	0.0	0.0	0.0	1.0	0.0	
25	10.0	25.0	0.0	0.0	25.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
26	6.0	0.0	0.0	0.0	48.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	20.0	0.0	0.0	1.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
30	0.0		9.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	59.0	
31	0.0		9.0		0.0		0.0	0.0		1.0		1.0	
Total	239.0	58.0	147.0	115.0	159.0	114.0	17.0	4.0	69.0	105.0	172.0	103.0	Anual 1302.0
Días LI.	14	12	13	17	14	14	8	3	8	12	16	8	


CUNDINAMARCA
La Esperanza - Villeta
Lluvia (mm)
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


CUNDINAMARCA
Icalí - Sasaima
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CUNDINAMARCA
San Juan - San Juan de Rioseco
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CUNDINAMARCA
Pinar del Río - Silvania
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : SAN LUIS
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : ARBELAEZ

Latitud : 4 ° 14 ' N
Longitud : 74 ° 26 ' W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0				0.0	1.9	2.0		0.0	0.0	0.0	0.0
2	0.0				2.1	2.5	0.0		10.8	7.1	0.0	.3
3	9.3				7.3	1.9	1.2		0.0	0.0	11.1	0.0
4	0.0				.5	1.5	1.4		0.0	0.0	0.0	0.0
5	0.0				0.0	3.2	3.1		4.7	0.0	0.0	0.0
6	0.0				0.0	4.9	1.6		2.1	0.0	6.1	0.0
7	4.5				0.0	0.0	4.4		1.3	0.0	8.1	0.0
8	9.4				0.0	2.4	1.3		45.0	0.0	5.2	0.0
9	25.1				3.6	0.0	2.5		0.0	0.0	10.3	0.0
10	30.3				4.4	0.0	3.6		.9	0.0	6.1	0.0
11	28.5				3.5	2.6	1.2		15.7	0.0	20.6	0.0
12	20.2				2.9	0.0	2.6		0.0	35.8	10.4	0.0
13	0.0				2.2	3.1	.5		0.0	0.0	9.9	0.0
14	0.0				9.9	4.4	0.0		0.0	4.2	12.3	6.3
15	12.8				3.4	0.0	0.0		0.0	11.9	2.9	0.0
16	1.9				5.1	0.0	0.0		0.0	7.4	0.0	0.0
17	13.5				6.1	.5	0.0		0.0	2.1	.6	0.0
18	16.9				1.1	3.1	0.0		0.0	0.0	3.1	0.0
19	2.2				4.1	2.3	0.0		0.0	0.0	2.3	.3
20	8.2				.5	0.0	2.9		0.0	8.3	5.1	0.0
21	.2				0.0	0.0	0.0		0.0	1.2	.4	0.0
22	1.5				0.0	0.0	0.0		0.0	1.5	0.0	0.0
23	1.3				0.0	0.0	0.0		15.1	0.0	0.0	0.0
24	1.6				0.0	10.5	0.0		0.0	0.0	0.0	0.0
25	6.2				11.5	2.1	0.0		3.2	0.0	28.2	0.0
26	5.3				28.2	5.5	0.0		5.0	0.0	0.0	0.0
27	.6				3.5	0.0	0.0		0.0	0.0	0.0	0.0
28	3.2				0.0	0.0	0.0		0.0	0.0	0.0	0.0
29	5.5				0.0	.5	0.0		0.0	0.0	0.0	0.0
30	1.2				6.1	15.5	0.0		0.0	0.0	8.2	1.5
31	0.0				2.4		0.0			0.0		10.1
Total	209.4				108.4	68.4	28.3		103.8	79.5	150.9	18.5
Días LI.	23				20	18	13		10	9	18	5

Anual

Estación : EL EDEN
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : SAN JUAN DE RIOSECO

Latitud : ° ' N
Longitud : ° ' W
Altitud : m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	15.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0		0.0	13.0	0.0	0.0	0.0
3	0.0	0.0	8.5	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
4	0.0	13.0	0.0	0.0	0.0	0.0		0.0	0.0	6.0	0.0	0.0
5	0.0	0.0	0.0	0.0	13.5	0.0		0.0	0.0	0.0	0.0	0.0
6	0.0	26.5	0.0	6.0	0.0	0.0		0.0	0.0	0.0	41.5	0.0
7	0.0	0.0	0.0	0.0	0.0	14.0		0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	47.0	0.0	0.0		0.0	32.0	0.0	0.0	0.0
9	13.0	0.0	0.0	24.0	0.0	0.0		0.0	0.0	0.0	0.0	11.0
10	0.0	0.0	0.0	10.0	53.5	0.0		0.0	0.0	23.5	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	31.5	0.0	3.5	0.0		0.0	0.0	26.5	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	26.5	0.0	20.0		0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	52.0	4.0	0.0
16	0.0	15.0	23.0	13.5	0.0	0.0		0.0	0.0	13.5	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	1.5	18.5	0.0
18	0.0	0.0	10.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
21	18.0	0.0	0.0	0.0	0.0	0.0		0.0	12.0	6.0	0.0	0.0
22	0.0	0.0	0.0	12.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
23	6.5	0.0	0.0	0.0	0.0	0.0		0.0	30.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	7.0		0.0	0.0	0.0	9.0	0.0
25	26.0	0.0	0.0	35.0	14.0	0.0		0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	14.5	0.0		0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	7.0	0.0	0.0
28	0.0	0.0	10.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
31	0.0		14.0		0.0			0.0		0.0		20.0
Total	63.5	54.5	97.0	174.0	99.0	41.0		0.0	87.0	151.0	73.0	31.0
Días LI.	4	3	6	8	5	3		0	4	9	4	2

Anual

Estación : CERINZA
Año : 1997

Dpto. : CUNDINAMARCA
Mpio. : VERGARA

Latitud : ° 'N
Longitud : ° m 'W
Altitud :

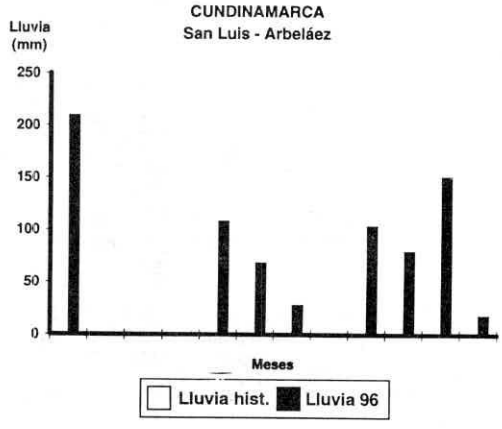
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	4.2	0.0	0.0	52.5	0.0	0.0	0.0	0.0				6.8	
2	0.0	1.8	2.6	2.9	0.0	3.4	3.4	0.0				9.6	
3	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0				3.5	
4	0.0	46.4	4.8	0.0	0.0	8.4	0.0	0.0				0.0	
5	0.0	12.6	0.0	12.5	1.7	22.5	2.3	0.0				0.0	
6	2.1	0.0	0.0	7.9	0.0	0.0	0.0	0.0				0.0	
7	23.2	25.4	0.0	1.7	0.0	6.3	0.0	0.0				0.0	
8	0.0	5.7	0.0	31.2	0.0	15.2	0.0	0.0				0.0	
9	23.5	0.0	0.0	61.1	0.0	12.3	0.0	0.0				0.0	
10	17.3	0.0	0.0	6.4	2.5	0.0	0.0	0.0				0.0	
11	27.5	2.6	0.0	0.0	9.2	0.0	0.0	0.0				0.0	
12	0.0	0.0	35.6	1.7	16.7	18.7	0.0	2.0				0.0	
13	0.0	4.2	10.1	19.2	0.0	6.8	0.0	0.0				0.0	
14	0.0	1.9	5.8	12.5	0.0	1.4	0.0	0.0				4.6	
15	0.0	14.2	19.9	0.0	0.0	0.0	0.0	0.0				4.1	
16	0.0	32.5	15.6	7.7	10.2	32.3	0.0	0.0				3.2	
17	0.0	31.6	8.2	26.2	0.0	0.0	0.0	0.0				0.0	
18	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0				5.6	
19	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0				0.0	
20	7.3	0.0	0.0	15.4	0.0	2.4	0.0	0.0				0.0	
21	2.4	0.0	0.0	24.6	0.0	3.6	0.0	0.0				0.0	
22	15.3	0.0	0.0	6.6	0.0	0.0	0.0	0.0				0.0	
23	79.9	14.9	6.4	28.7	0.0	5.3	0.0	0.0				0.0	
24	12.6	0.0	0.0	5.5	4.7	0.0	0.0	0.0				0.0	
25	21.5	8.2	0.0	7.7	0.0	0.0	0.0	0.0				0.0	
26	24.5	0.0	0.0	5.2	27.2	0.0	0.0	0.0				0.0	
27	2.5	8.4	0.0	15.2	0.0	12.6	0.0	0.0				0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				1.2	
29	0.0		9.8	2.7	0.0	2.3	0.0	0.0				8.4	
30	0.0		0.0	0.0	0.0	16.0	0.0	0.0				0.0	
31	0.0		3.0		3.0		0.0	0.0				28.2	
													Anual
Total	263.8	210.4	121.8	363.2	75.2	175.5	5.7	2.0				75.2	
Días LI.	14	14	11	24	8	17	2	1				10	

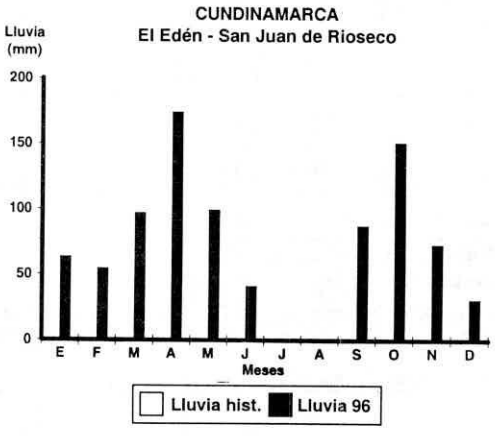
Estación : VILLA CONSUELO
Año : 1997

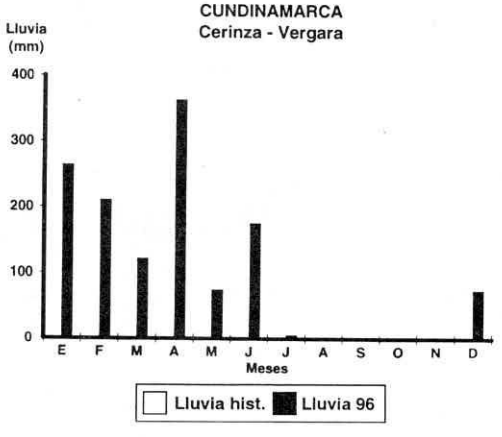
Dpto. : HUILA
Mpio. : GARZON

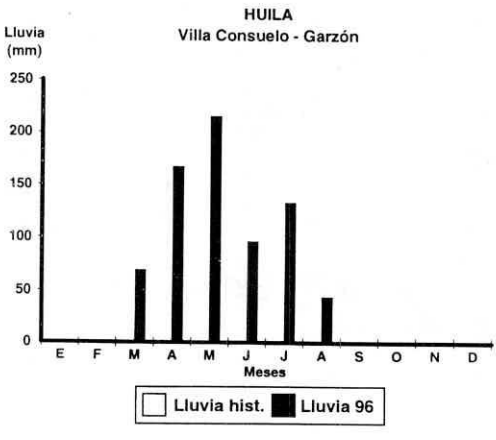
Latitud : 2 ° 12 'N
Longitud : 75 ° 34 'W
Altitud : 1450 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1			0.0	5.0	0.0	0.0	32.0	4.0					
2			11.0	0.0	13.0	0.0	0.0	0.0					
3			1.0	2.0	10.0	0.0	5.0	4.0					
4			0.0	3.0	36.0	13.0	10.0	0.0					
5			0.0	5.0	2.0	15.0	25.0	3.0					
6			0.0	0.0	10.0	5.0	5.0	1.0					
7			0.0	0.0	7.0	0.0	5.0	1.0					
8			0.0	10.0	7.0	0.0	7.0	8.0					
9			0.0	0.0	10.0	0.0	0.0	2.0					
10			3.0	4.0	10.0	0.0	0.0	0.0					
11			0.0	3.0	6.0	9.0	5.0	0.0					
12			15.0	7.0	9.0	0.0	5.0	0.0					
13			0.0	0.0	3.0	0.0	0.0	0.0					
14			0.0	0.0	0.0	0.0	0.0	2.0					
15			23.0	1.0	0.0	0.0	0.0	0.0					
16			0.0	0.0	0.0	0.0	0.0	0.0					
17			2.0	25.0	0.0	0.0	3.0	3.0					
18			5.0	0.0	9.0	20.0	0.0	1.0					
19			1.0	10.0	0.0	0.0	7.0	0.0					
20			0.0	22.0	1.0	0.0	0.0	0.0					
21			0.0	17.0	10.0	0.0	3.0	0.0					
22			0.0	5.0	7.0	9.0	0.0	0.0					
23			0.0	0.0	0.0	0.0	9.0	2.0					
24			0.0	36.0	0.0	5.0	3.0	4.0					
25			0.0	0.0	8.0	0.0	2.0	1.0					
26			0.0	0.0	10.0	18.0	2.0	0.0					
27			0.0	4.0	20.0	0.0	0.0	0.0					
28			8.0	8.0	19.0	0.0	0.0	8.0					
29			0.0	0.0	0.0	2.0	0.0	0.0					
30			0.0	0.0	3.0	0.0	3.0	0.0					
31			0.0		5.0		2.0	0.0					
													Anual
Total			69.0	167.0	215.0	96.0	133.0	44.0					
Días LI.			9	17	22	9	18	14					


CUNDINAMARCA
San Luis - Arbeláez
Lluvia (mm)
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


CUNDINAMARCA
El Edén - San Juan de Rioseco
Lluvia (mm)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


CUNDINAMARCA
Cerinza - Vergara
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


HUILA
Villa Consuelo - Garzón
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : CONCENTRACION DESARROLLO Dpto. : HUILA
Año : 1997 Mpio. : TIMANA

Latitud : 1 ° 58 ' N
Longitud : 75 ° 56 ' W
Altitud : 1080 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	7.0	2.5	0.0	10.0	8.0	0.0	0.0	2.0	0.0	0.0			
2	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	2.0	0.0			
3	8.0	2.0	0.0	8.0	6.0	6.0	0.0	3.0	0.0	0.0			
4	0.0	0.0	0.0	0.0	10.0	9.0	6.0	6.0	0.0	0.0			
5	2.0	6.0	2.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0			
6	12.0	0.0	0.0	35.0	0.0	0.0	8.0	0.0	0.0	0.0			
7	0.0	2.0	0.0	0.0	0.0	0.0	18.0	0.0	4.0	0.0			
8	14.0	0.0	4.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0			
9	0.0	0.0	0.0	0.0	5.0	7.5	0.0	5.0	0.0	0.0			
10	0.0	0.0	7.0	0.0	8.0	0.0	0.0	8.0	0.0	4.0			
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12	0.0	0.0	17.5	4.0	16.0	0.0	0.0	10.0	0.0	0.0			
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
14	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	14.5			
15	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
17	4.5	0.0	8.5	8.0	0.0	5.0	9.0	0.0	0.0	10.0			
18	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	8.0			
19	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0			
20	9.0	0.0	11.0	7.0	8.0	0.0	5.0	0.0	2.0	0.0			
21	0.0	0.0	0.0	8.0	0.0	8.0	0.0	0.0	0.0	9.0			
22	0.0	5.0	0.0	28.0	20.0	0.0	0.0	0.0	0.0	0.0			
23	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0			
24	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0			
25	5.5	5.5	0.0	7.0	25.0	0.0	0.0	2.0	0.0	0.0			
26	0.0	0.0	4.0	0.0	6.0	10.0	8.0	11.0	7.0	3.0			
27	0.0	0.0	0.0	8.0	0.0	0.0	10.0	0.0	0.0	0.0			
28	5.0	0.0	0.0	0.0	35.0	8.0	0.0	0.0	0.0	0.0			
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
30	12.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
31	0.0		0.0		0.0		0.0	0.0		0.0			
Total	91.0	23.0	54.0	128.0	160.0	77.5	80.5	47.0	15.0	67.5			Anual
Días LI.	12	6	7	11	13	9	9	8	4	7			

Estación : LA VICTORIA Dpto. : MAGDALENA
Año : 1997 Mpio. : SANTA MARTA

Latitud : 11 ° 7 ' N
Longitud : 74 ° 6 ' W
Altitud : 1100 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1		0.0		0.0	0.0	0.0	0.0	5.0	19.0	20.0	0.0	30.0	
2		0.0		0.0	0.0	0.0	0.0	0.0	5.0	3.0	1.0	0.0	
3		0.0		0.0	0.0	4.0	2.0	0.0	0.0	0.0	3.0	0.0	
4		2.0		0.0	15.0	31.0	0.0	12.0	0.0	33.0	7.0	0.0	
5		1.0		0.0	0.0	17.0	0.0	2.0	40.0	17.0	1.0	0.0	
6		0.0		0.0	0.0	98.0	0.0	2.0	20.0	0.0	2.0	0.0	
7		0.0		0.0	0.0	0.0	0.0	0.0	5.0	0.0	19.0	3.0	
8		0.0		0.0	12.0	3.0	21.0	27.0	14.0	24.0	0.0	0.0	
9		0.0		0.0	10.0	8.0	38.0	0.0	2.0	2.0	3.0	0.0	
10		3.0		0.0	5.0	38.0	0.0	0.0	4.0	4.0	0.0	0.0	
11		0.0		0.0	25.0	2.0	0.0	0.0	14.0	7.0	21.0	0.0	
12		0.0		0.0	25.0	20.0	7.0	7.0	3.0	10.0	3.0	0.0	
13		0.0		0.0	0.0	2.0	0.0	2.0	4.0	8.0	10.0	0.0	
14		0.0		0.0	2.0	7.0	0.0	0.0	4.0	17.0	3.0	0.0	
15		0.0		8.0	0.0	0.0	0.0	0.0	8.0	2.0	0.0	0.0	
16		0.0		0.0	0.0	4.0	0.0	0.0	13.0	0.0	4.0	0.0	
17		0.0		0.0	0.0	25.0	15.0	0.0	0.0	4.0	2.0	0.0	
18		0.0		0.0	0.0	13.0	0.0	0.0	8.0	0.0	7.0	0.0	
19		0.0		16.0	0.0	15.0	0.0	7.0	4.0	7.0	3.0	0.0	
20		0.0		2.0	0.0	0.0	3.0	0.0	6.0	0.0	0.0	0.0	
21		0.0		3.0	0.0	2.0	0.0	0.0	14.0	11.0	0.0	0.0	
22		0.0		22.0	0.0	0.0	0.0	9.0	10.0	0.0	3.0	0.0	
23		0.0		16.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	
24		0.0		0.0	24.0	113.0	30.0	0.0	0.0	0.0	0.0	0.0	
25		0.0		0.0	15.0	94.0	0.0	0.0	12.0	0.0	0.0	0.0	
26		0.0		0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	
27		0.0		0.0	33.0	4.0	3.0	17.0	13.0	0.0	0.0	0.0	
28		0.0		0.0	0.0	10.0	0.0	16.0	0.0	5.0	0.0	0.0	
29				0.0	11.0	26.0	21.0	0.0	21.0	0.0	0.0	0.0	
30				0.0	11.0	0.0	0.0	0.0	14.0	8.0	10.0	0.0	
31					2.0		0.0	0.0		0.0		0.0	
Total		6.0		67.0	190.0	536.0	140.0	116.0	280.0	182.0	102.0	33.0	Anual
Días LI.		3		6	13	21	9	12	24	17	17	2	

Estación : MARINGA
Año : 1997

Dpto. : META
Mpio. : ACACIAS

Latitud : 3 ° 58 ' N
Longitud : 73 ° 36 ' W
Altitud : 380 m

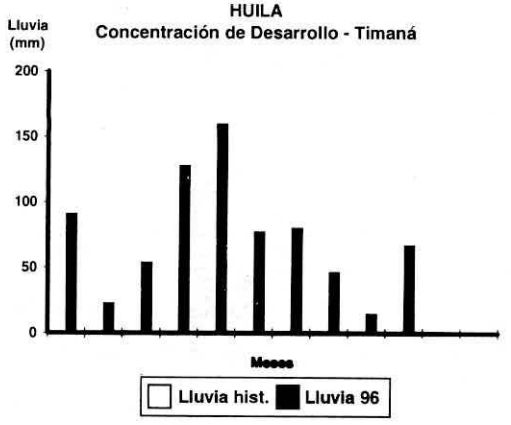
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	1.0		1.5	3.0	17.0	0.0	26.0	0.0	27.0	6.0	3.0	0.0	
2	.5		0.0	0.0	0.0	3.0	0.0	0.0	0.0	46.0	20.0	0.0	
3	0.0		3.0	0.0	32.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0	
4	0.0		0.0	4.0	0.0	0.0	19.0	2.0	12.0	0.0	48.0	0.0	
5	0.0		0.0	11.0	6.0	4.0	38.0	10.0	0.0	23.0	0.0	0.0	
6	1.0		0.0	3.0	45.0	15.0	0.0	0.0	12.0	0.0	0.0	0.0	
7	0.0		0.0	0.0	33.0	45.0	32.0	3.0	36.0	0.0	19.0	0.0	
8	0.0		0.0	0.0	0.0	20.0	0.0	10.0	17.0	0.0	0.0	0.0	
9	0.0		0.0	1.0	8.0	2.0	0.0	1.0	0.0	80.0	0.0	0.0	
10	0.0		0.0	0.0	0.0	0.0	37.0	0.0	4.0	0.0	0.0	0.0	
11	0.0		0.0	72.0	0.0	5.0	3.0	13.0	4.0	0.0	0.0	0.0	
12	2.0		7.0	0.0	34.0	13.0	8.0	32.0	0.0	0.0	0.0	0.0	
13	2.0		39.0	0.0	0.0	0.0	7.0	4.0	0.0	6.0	0.0	0.0	
14	0.0		0.0	0.0	0.0	31.0	14.0	0.0	8.0	0.0	0.0	0.0	
15	0.0		12.0	0.0	4.0	0.0	7.0	0.0	0.0	5.0	2.0	0.0	
16	0.0		1.0	0.0	0.0	0.0	0.0	9.0	10.0	0.0	1.0	0.0	
17	1.0		0.0	27.0	0.0	0.0	0.0	0.0	0.0	13.0	2.0	0.0	
18	0.0		0.0	17.0	0.0	23.0	2.0	4.0	0.0	0.0	4.0	0.0	
19	3.0		3.0	0.0	13.0	0.0	9.0	0.0	24.0	0.0	9.0	0.0	
20	0.0		0.0	26.0	0.0	0.0	6.0	1.0	0.0	0.0	0.0	0.0	
21	0.0		0.0	0.0	11.0	0.0	8.0	3.0	42.0	12.0	0.0	0.0	
22	0.0		0.0	11.0	0.0	13.0	2.0	0.0	123.0	20.0	0.0	0.0	
23	0.0		0.0	0.0	0.0	5.0	8.0	0.0	0.0	1.0	0.0	0.0	
24	0.0		0.0	0.0	11.0	23.0	0.0	2.0	37.0	0.0	8.0	0.0	
25	0.0		0.0	0.0	1.0	16.0	0.0	15.0	3.0	0.0	25.0	0.0	
26	0.0		0.0	0.0	123.0	49.0	0.0	8.0	8.0	0.0	10.0	0.0	
27	0.0		0.0	0.0	7.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0		0.0	0.0	7.0	5.0	24.0	0.0	0.0	18.0	0.0	0.0	
29	0.0		0.0	0.0	3.0	85.0	0.0	0.0	0.0	9.0	0.0	0.0	
30	0.0		0.0	0.0	36.0	250.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		62.0		3.0	0.0		1.0		0.0	
													Anual
Total	10.5		66.5	175.0	453.0	631.0	253.0	121.0	367.0	240.0	151.0	0.0	
Días Ll.	7		7	10	18	20	18	16	15	13	12	0	

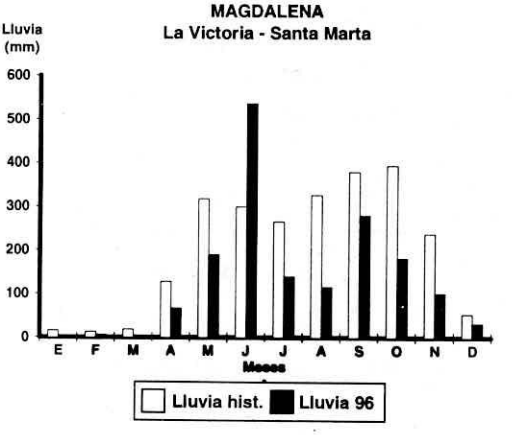
Estación : SANTA HELENA
Año : 1997

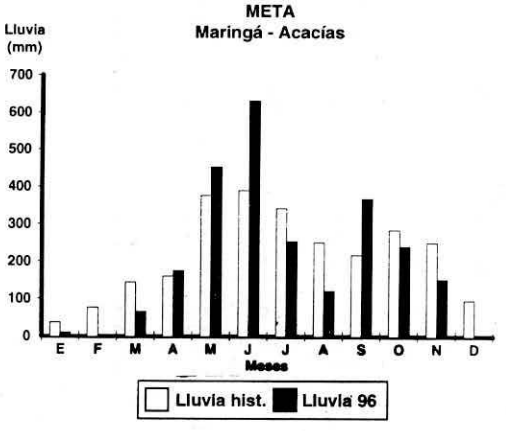
Dpto. : META
Mpio. : SAN CARLOS GUAROA

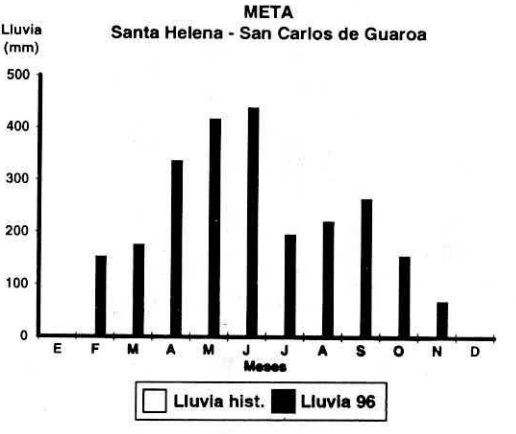
Latitud : 3 ° 50 ' N
Longitud : 73 ° 20 ' W
Altitud : 280 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	55.0	22.0	0.0	
2	0.0	0.0	0.0	0.0	40.0	7.0	0.0	0.0	0.0	0.0	20.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	20.0	44.0	18.0	13.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	45.0	18.0	15.0	0.0	4.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	45.0	5.0	0.0	0.0	0.0	5.0	0.0	
7	0.0	50.0	0.0	0.0	0.0	10.0	6.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	52.0	42.0	0.0	0.0	18.0	28.0	0.0	0.0	0.0	
9	0.0	41.0	0.0	0.0	12.0	34.0	0.0	0.0	35.0	0.0	0.0	0.0	
10	0.0	21.0	0.0	60.0	0.0	0.0	35.0	0.0	7.0	41.0	6.0	0.0	
11	0.0	0.0	104.0	62.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	19.0	5.0	0.0	25.0	20.0	0.0	15.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	44.0	7.0	45.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	24.0	0.0	16.0	0.0	15.0	0.0	12.0	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	10.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	
17	0.0	0.0	43.0	39.0	0.0	0.0	0.0	15.0	0.0	20.0	0.0	0.0	
18	0.0	0.0	0.0	21.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	50.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	30.0	0.0	25.0	25.0	20.0	24.0	3.0	0.0	
21	0.0	0.0	0.0	39.0	0.0	8.0	15.0	15.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	3.0	8.0	30.0	0.0	0.0	0.0	
23	0.0	22.0	0.0	0.0	0.0	30.0	0.0	0.0	25.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	18.0	0.0	10.0	0.0	23.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	130.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	20.0	28.0	0.0	0.0	5.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	14.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	15.0	10.0	10.0	8.0	15.0	0.0	0.0	
29	0.0		0.0	0.0	20.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	10.0	15.0	0.0	0.0	15.0	0.0	0.0	0.0	
31	0.0		0.0		10.0		20.0	20.0		0.0		0.0	
													Anual
Total	0.0	153.0	176.0	336.0	417.0	439.0	195.0	221.0	264.0	155.0	69.0	0.0	2425.0
Días Ll.	0	5	4	8	15	19	13	13	12	5	6	0	


HUILA
Concentración de Desarrollo - Timaná
Lluvia (mm)
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


MAGDALENA
La Victoria - Santa Marta
Lluvia (mm)
600
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


META
Maringá - Acacías
Lluvia (mm)
700
600
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


META
Santa Helena - San Carlos de Guaroa
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : LA ESPERANZA
Año : 1997

Dpto. : QUINDIO
Mpio. : FILANDIA

Latitud : 4 ° 38 ' N
Longitud : 75 ° 42 ' W
Altitud : 1650 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	7.0	5.0	3.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	7.0	
2	8.0	12.0	0.0	70.0	0.0	32.0	3.0	0.0	0.0	0.0	10.0	0.0	
3	10.0	15.0	0.0	4.0	0.0	15.0	0.0	0.0	8.0	0.0	11.0	0.0	
4	0.0	16.0	10.0	5.0	0.0	20.0	0.0	0.0	28.0	0.0	5.0	0.0	
5	30.0	10.0	0.0	20.0	19.0	8.0	0.0	0.0	3.0	0.0	0.0	0.0	
6	0.0	20.0	0.0	2.0	20.0	30.0	0.0	0.0	12.0	0.0	40.0	0.0	
7	0.0	5.0	0.0	4.0	0.0	18.0	0.0	0.0	0.0	4.0	68.0	0.0	
8	20.0	10.0	0.0	14.0	7.0	7.0	0.0	0.0	0.0	0.0	12.0	0.0	
9	12.0	9.0	2.0	10.0	30.0	10.0	0.0	0.0	0.0	30.0	10.0	7.0	
10	40.0	7.0	0.0	12.0	9.0	20.0	0.0	0.0	0.0	20.0	15.0	0.0	
11	14.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	25.0	0.0	
12	0.0	0.0	23.0	3.0	3.0	15.0	0.0	0.0	0.0	10.0	20.0	0.0	
13	0.0	0.0	0.0	18.0	0.0	17.0	0.0	0.0	0.0	0.0	19.0	8.0	
14	8.0	20.0	3.0	6.0	0.0	8.0	0.0	0.0	0.0	8.0	20.0	0.0	
15	7.0	60.0	70.0	5.0	7.0	0.0	0.0	0.0	0.0	10.0	0.0	12.0	
16	10.0	17.0	50.0	7.0	4.0	2.0	0.0	0.0	0.0	10.0	9.0	0.0	
17	12.0	3.0	10.0	0.0	0.0	5.0	0.0	0.0	2.0	14.0	7.0	0.0	
18	20.0	0.0	5.0	8.0	0.0	10.0	0.0	0.0	27.0	6.0	5.0	0.0	
19	35.0	2.0	4.0	4.0	0.0	30.0	0.0	0.0	4.0	5.0	12.0	0.0	
20	24.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	15.0	12.0	7.0	0.0	
21	40.0	20.0	0.0	20.0	0.0	7.0	0.0	0.0	24.0	48.0	3.0	0.0	
22	18.0	2.0	0.0	0.0	0.0	4.0	0.0	0.0	30.0	0.0	16.0	0.0	
23	3.0	0.0	0.0	5.0	4.0	0.0	0.0	0.0	25.0	0.0	20.0	0.0	
24	32.0	0.0	0.0	4.0	22.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	
25	43.0	0.0	0.0	10.0	30.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
26	4.0	8.0	0.0	20.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	8.0	10.0	
28	25.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	3.0	0.0	
29	15.0		60.0	0.0	37.0	0.0	3.0	0.0	0.0	7.0	10.0	0.0	
30	20.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	63.0	0.0	
31	78.0		30.0		35.0		0.0	0.0		0.0		0.0	
Total	535.0	281.0	270.0	263.0	233.0	268.0	6.0	0.0	178.0	220.0	492.0	44.0	Anual 2790.0
Días LI.	25	20	12	22	15	19	2	0	11	16	27	5	

Estación : VIVERO
Año : 1997

Dpto. : QUINDIO
Mpio. : QUIMBAYA

Latitud : 4 ° 37 ' N
Longitud : 75 ° 46 ' W
Altitud : 1330 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	4.0	3.0	1.0	0.0	0.0	5.0	0.0	0.0	2.0	0.0	0.0	19.0	
2	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	16.0	
3	0.0	38.0	0.0	1.0	2.0	57.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	9.0	74.0	0.0	17.0	2.0	0.0	0.0	0.0	0.0	48.0	0.0	
5	0.0	15.0	0.0	8.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	
6	1.0	3.0	0.0	6.0	2.0	29.0	0.0	0.0	0.0	0.0	3.0	0.0	
7	0.0	4.0	0.0	0.0	4.0	25.0	0.0	0.0	15.0	0.0	9.0	0.0	
8	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	1.0	
9	7.0	0.0	0.0	7.0	1.0	3.0	0.0	0.0	10.0	0.0	15.0	1.0	
10	1.0	12.0	5.0	1.0	29.0	40.0	1.0	0.0	0.0	20.0	21.0	0.0	
11	10.0	5.0	31.0	0.0	0.0	17.0	0.0	0.0	0.0	26.0	1.0	0.0	
12	20.0	4.0	20.0	0.0	6.0	0.0	0.0	0.0	0.0	9.0	12.0	0.0	
13	0.0	0.0	6.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0	
14	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	15.0	9.0	
15	4.0	28.0	18.0	9.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	5.0	17.0	75.0	0.0	0.0	0.0	0.0	0.0	1.0	9.0	0.0	0.0	
17	17.0	26.0	3.0	8.0	0.0	0.0	0.0	0.0	0.0	4.0	5.0	0.0	
18	9.0	0.0	20.0	0.0	0.0	5.0	0.0	0.0	0.0	6.0	0.0	0.0	
19	33.0	0.0	3.0	4.0	0.0	0.0	0.0	0.0	1.0	0.0	49.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	6.0	4.0	0.0	
21	20.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	19.0	18.0	0.0	0.0	
22	6.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	2.0	0.0	0.0	
23	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	4.0	0.0	
24	0.0	0.0	0.0	44.0	0.0	0.0	0.0	1.0	18.0	0.0	6.0	0.0	
25	39.0	0.0	0.0	0.0	8.0	12.0	0.0	0.0	0.0	0.0	13.0	0.0	
26	33.0	0.0	0.0	30.0	47.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
27	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	5.0	9.0	0.0	0.0	0.0	2.0	0.0	
30	8.0		0.0	0.0	32.0	1.0	0.0	0.0	0.0	3.0	0.0	0.0	
31	26.0		16.0		0.0		2.0	8.0		2.0		0.0	
Total	249.0	174.0	273.0	181.0	182.0	228.0	12.0	9.0	139.0	106.0	232.0	46.0	Anual 1831.0
Días LI.	18	14	13	14	12	14	3	2	12	12	18	5	

Estación : LA ILUSION
Año : 1997

Dpto. : QUINDIO
Mpio. : CIRCASIA

Latitud : 4 ° 35 ' N
Longitud : 75 ° 41 ' W
Altitud : 1500 m

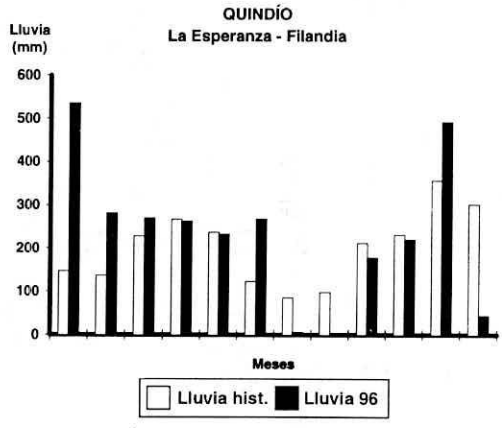
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	3.0	0.0	0.0	0.0	0.0	56.0	0.0	0.0	6.0	0.0	0.0	35.0	
2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	10.0	10.0	
3	0.0	10.0	0.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	5.0	0.0	
4	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	3.0	8.0	0.0	
5	0.0	1.0	41.0	0.0	14.0	0.0	0.0	0.0	7.0	0.0	17.0	0.0	
6	7.0	11.0	0.0	12.0	0.0	50.0	0.0	0.0	10.0	0.0	30.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	44.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	34.0	0.0	
9	7.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	2.0	12.0	0.0	
10	10.0	0.0	5.0	0.0	0.0	14.0	0.0	0.0	0.0	52.0	4.0	0.0	
11	0.0	9.0	0.0	0.0	20.0	4.0	0.0	0.0	0.0	50.0	17.0	0.0	
12	40.0	12.0	11.0	8.0	15.0	0.0	0.0	0.0	0.0	6.0	65.0	0.0	
13	0.0	0.0	12.0	0.0	20.0	0.0	0.0	0.0	0.0	3.0	10.0	2.0	
14	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	8.0	
15	39.0	0.0	9.0	2.0	15.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
16	2.0	50.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
17	39.0	8.0	8.0	0.0	0.0	6.0	0.0	0.0	0.0	5.0	12.0	0.0	
18	0.0	0.0	20.0	0.0	0.0	12.0	0.0	0.0	0.0	10.0	0.0	0.0	
19	0.0	0.0	0.0	39.0	0.0	0.0	0.0	0.0	10.0	12.0	30.0	0.0	
20	9.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	21.0	10.0	0.0	0.0	
22	21.0	0.0	0.0	29.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	54.0	0.0	0.0	3.0	0.0	40.0	0.0	0.0	14.0	9.0	57.0	0.0	
24	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	84.0	0.0	
25	32.0	0.0	0.0	26.0	25.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	
26	25.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	2.0	0.0	29.0	0.0	
27	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
28	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	19.0	0.0	
30	0.0		0.0	0.0	40.0	0.0	0.0	0.0	2.0	0.0	7.0	0.0	
31	29.0		5.0		0.0		3.0	0.0		0.0		0.0	
													Anual
Total	331.0	135.0	201.0	152.0	257.0	252.0	3.0	0.0	129.0	191.0	574.0	55.0	2280.0
Días Ll.	17	8	9	9	12	9	1	0	11	16	22	4	

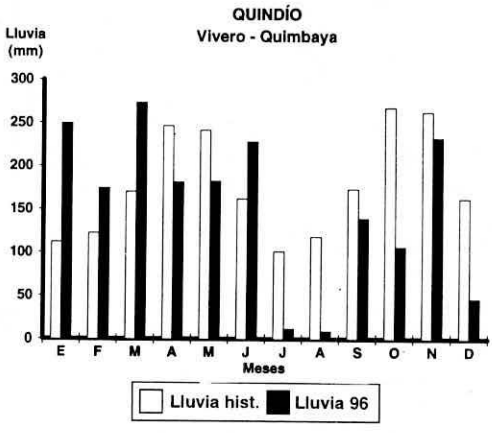
Estación : LA JULIA
Año : 1997

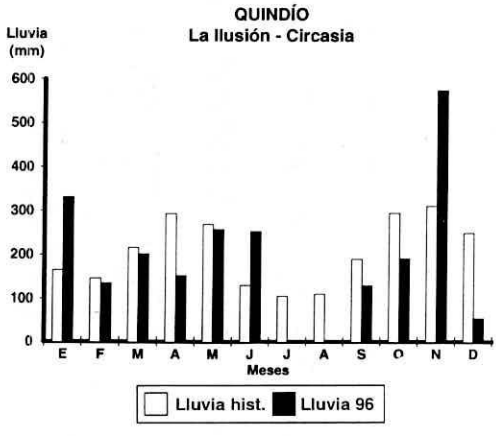
Dpto. : QUINDIO
Mpio. : MONTENEGRO

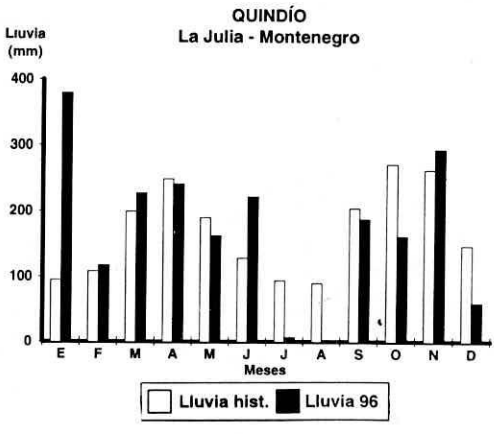
Latitud : 4 ° 33 ' N
Longitud : 75 ° 45 ' W
Altitud : 1250 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	4.0	10.0	24.0	0.0	0.0	4.0	0.0	0.0	3.0	0.0	0.0	33.0	
2	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	1.0	6.0	
3	4.0	3.0	0.0	5.0	1.0	44.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	47.0	36.0	0.0	0.0	1.0	0.0	0.0	16.0	10.0	4.0	0.0	
5	0.0	0.0	4.0	3.0	0.0	5.0	0.0	0.0	31.0	0.0	6.0	0.0	
6	0.0	2.0	0.0	30.0	0.0	50.0	0.0	0.0	5.0	0.0	20.0	0.0	
7	1.0	11.0	0.0	0.0	13.0	39.0	0.0	0.0	10.0	0.0	40.0	0.0	
8	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	
9	2.0	3.0	0.0	10.0	1.0	9.0	0.0	0.0	0.0	9.0	1.0	2.0	
10	0.0	1.0	1.0	27.0	49.0	6.0	0.0	0.0	0.0	39.0	4.0	0.0	
11	3.0	3.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	29.0	9.0	0.0	
12	21.0	3.0	10.0	5.0	8.0	0.0	0.0	0.0	0.0	3.0	29.0	0.0	
13	4.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
14	0.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	0.0	20.0	10.0	
15	30.0	1.0	21.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	12.0	25.0	56.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	9.0	
17	17.0	8.0	7.0	3.0	0.0	13.0	0.0	0.0	0.0	3.0	0.0	0.0	
18	4.0	0.0	8.0	0.0	5.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0	
19	59.0	0.0	0.0	36.0	0.0	3.0	0.0	0.0	2.0	0.0	9.0	0.0	
20	3.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	9.0	22.0	1.0	0.0	
21	2.0	0.0	20.0	1.0	6.0	0.0	0.0	0.0	21.0	16.0	0.0	0.0	
22	66.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
23	18.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	41.0	0.0	34.0	0.0	
24	1.0	0.0	0.0	1.0	0.0	30.0	0.0	2.0	9.0	3.0	37.0	0.0	
25	54.0	0.0	0.0	31.0	7.0	3.0	0.0	0.0	2.0	0.0	38.0	0.0	
26	19.0	0.0	0.0	40.0	37.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
27	0.0	0.0	0.0	19.0	3.0	1.0	0.0	0.0	0.0	2.0	0.0	0.0	
28	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
29	0.0		0.0	0.0	0.0	6.0	0.0	0.0	2.0	0.0	0.0	0.0	
30	15.0		3.0	0.0	28.0	2.0	0.0	0.0	3.0	6.0	0.0	0.0	
31	38.0		21.0		0.0		7.0	0.0		6.0		0.0	
													Anual
Total	379.0	117.0	227.0	240.0	162.0	221.0	7.0	2.0	187.0	161.0	294.0	60.0	2057.0
Días Ll.	22	12	15	19	13	16	1	1	16	14	19	5	


QUINDÍO
La Esperanza - Filandia
Lluvia (mm)
600
500
400
300
200
100
0
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
Vivero - Quimbaya
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
La Ilusión - Circasia
Lluvia (mm)
600
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
La Julia - Montenegro
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : SORRENTO
Año : 1997

Dpto. : QUINDIO
Mpio. : MONTENEGRO

Latitud : 4 ° 33 ' N
Longitud : 75 ° 49 ' W
Altitud : 1200 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	16.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
3	0.0	0.0	0.0	0.0	0.0	30.0	0.0	7.0	0.0	0.0	0.0	0.0	
4	0.0	41.0	26.0	15.0	0.0	0.0	0.0	0.0	8.0	3.0	1.0	0.0	
5	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	25.0	0.0	
6	0.0	0.0	0.0	20.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	37.0	0.0	0.0	0.0	5.0	37.0	0.0	0.0	25.0	0.0	20.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
9	0.0	0.0	0.0	45.0	30.0	5.0	0.0	0.0	0.0	0.0	62.0	0.0	
10	0.0	0.0	0.0	10.0	41.0	3.0	0.0	0.0	0.0	13.0	3.0	2.0	
11	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	
12	29.0	0.0	14.0	0.0	5.0	0.0	0.0	0.0	0.0	12.0	9.0	0.0	
13	0.0	0.0	25.0	0.0	5.0	0.0	0.0	0.0	0.0	4.0	7.0	11.0	
14	3.0	5.0	0.0	0.0	57.0	0.0	0.0	0.0	0.0	0.0	44.0	46.0	
15	0.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
16	0.0	0.0	55.0	10.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	0.0	
17	0.0	20.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	10.0	28.0	9.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
19	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	21.0	0.0	
20	0.0	0.0	7.0	7.0	0.0	20.0	0.0	0.0	0.0	26.0	3.0	0.0	
21	3.0	0.0	0.0	29.0	7.0	0.0	0.0	0.0	35.0	15.0	0.0	0.0	
22	13.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	9.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	55.0	0.0	14.0	0.0	0.0	9.0	0.0	8.0	0.0	
25	32.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	0.0	0.0	23.0	0.0	
26	26.0	0.0	0.0	15.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	14.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	7.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	25.0	4.0	0.0	0.0	0.0	19.0	0.0	
30	10.0		0.0	0.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	25.0		6.0		0.0		20.0	0.0		57.0		0.0	
													Anual
Total	216.0	93.0	148.0	289.0	212.0	192.0	24.0	7.0	176.0	161.0	272.0	71.0	1861.0
Días LI.	12	6	8	13	11	12	2	1	9	11	16	4	

Estación : TUCUMAN
Año : 1997

Dpto. : QUINDIO
Mpio. : ARMENIA

Latitud : 4 ° 32 ' N
Longitud : 75 ° 46 ' W
Altitud : 1200 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2					0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	
3					2.0	42.0	0.0	0.0	0.0	0.0	13.0	0.0	
4					0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
5					0.0	17.0	0.0	0.0	38.0	0.0	4.0	0.0	
6					0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	
7					8.0	30.0	0.0	0.0	29.0	0.0	0.0	0.0	
8					0.0	13.0	0.0	0.0	3.0	0.0	0.0	0.0	
9					0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	
10					32.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
11					1.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0	
12					12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13					0.0	1.0	0.0	0.0	0.0	0.0	17.0	0.0	
14					19.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
15					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16					0.0	1.0	0.0	0.0	0.0	6.0	0.0	0.0	
17					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18					13.0	25.0	0.0	0.0	0.0	32.0	0.0	0.0	
19					0.0	4.0	0.0	0.0	0.0	0.0	17.0	0.0	
20					0.0	15.0	0.0	0.0	0.0	9.0	0.0	0.0	
21					29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22					1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
23					0.0	0.0	0.0	12.0	0.0	0.0	12.0	0.0	
24					0.0	3.0	0.0	0.0	93.0	0.0	0.0	0.0	
25					0.0	8.0	0.0	0.0	0.0	0.0	33.0	0.0	
26					9.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
27					39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28					1.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
29					1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30					31.0	7.0	25.0	0.0	0.0	0.0	0.0	0.0	
31					0.0		0.0	0.0		18.0		0.0	
													Anual
Total					198.0	217.0	25.0	12.0	181.0	99.0	171.0	42.0	
Días LI.					14	17	1	1	6	5	7	1	

Estación : LA PRADERA
Año : 1997

Dpto. : QUINDIO
Mpio. : ARMENIA

Latitud : 4 ° 28 ' N
Longitud : 75 ° 43 ' W
Altitud : 1350 m

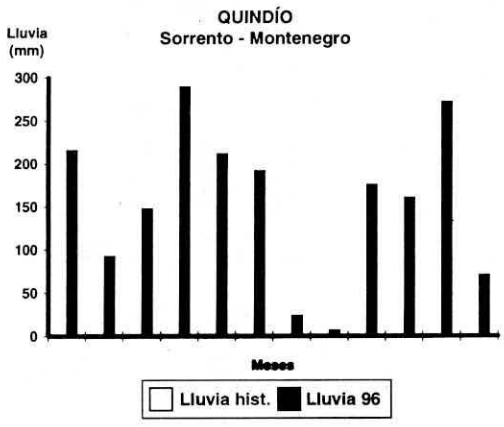
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	30.0	40.0	40.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	20.0	
2	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
3	0.0	0.0	10.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	10.0	0.0	
6	10.0	10.0	0.0	30.0	0.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	10.0	10.0	0.0	0.0	10.0	30.0	0.0	0.0	30.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	60.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	
10	0.0	10.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	10.0	0.0	70.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	
12	40.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	30.0	90.0	0.0	
13	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	30.0	40.0	
15	30.0	10.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
17	70.0	50.0	60.0	10.0	0.0	40.0	0.0	0.0	0.0	0.0	10.0	0.0	
18	10.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	20.0	0.0	
19	65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	
20	10.0	0.0	10.0	20.0	0.0	20.0	0.0	0.0	0.0	20.0	0.0	0.0	
21	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	15.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	
23	30.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
25	40.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
26	20.0	0.0	0.0	60.0	30.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
27	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
30	10.0		0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	40.0		10.0		0.0		10.0	0.0		0.0		0.0	
Total	470.0	150.0	200.0	230.0	190.0	290.0	10.0	0.0	170.0	160.0	410.0	90.0	Anual 2370.0
Días Ll.	17	7	10	10	7	9	1	0	6	7	12	3	

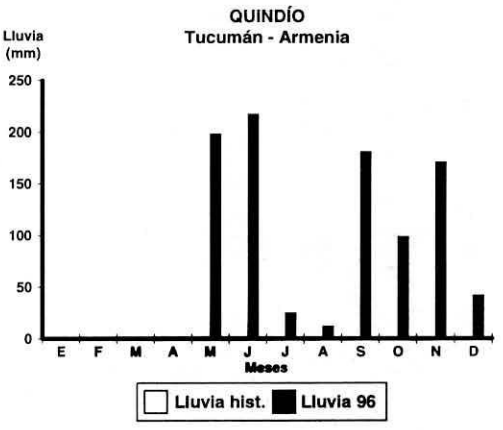
Estación : EL JARDIN
Año : 1997

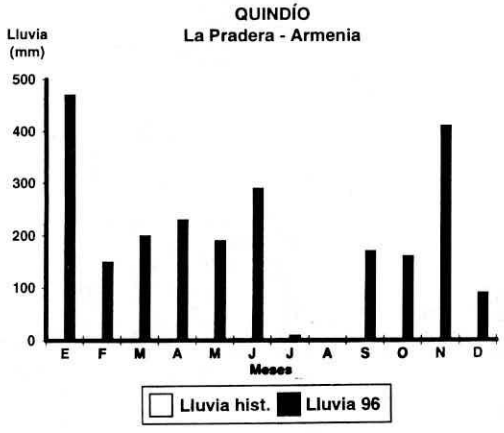
Dpto. : QUINDIO
Mpio. : CALARCA

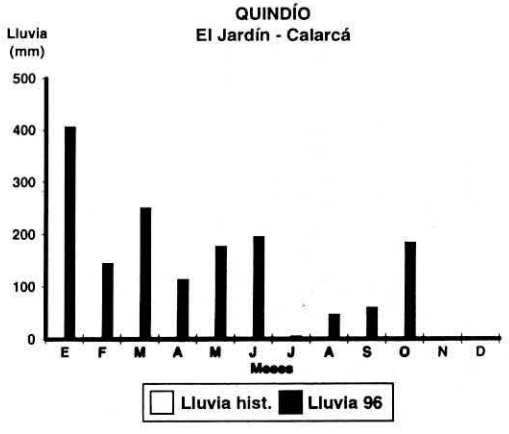
Latitud : 4 ° 28 ' N
Longitud : 75 ° 42 ' W
Altitud : 1320 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2	0.0	0.0	0.0	1.0	0.0	72.0	0.0	0.0	0.0	0.0			
3	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0			
4	14.0	18.0	22.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0			
5	0.0	7.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0			
6	0.0	22.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0			
7	22.0	11.0	0.0	30.0	23.0	0.0	0.0	0.0	0.0	0.0			
8	10.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0			
9	11.0	8.0	0.0	0.0	37.0	10.0	0.0	0.0	0.0	0.0			
10	18.0	0.0	0.0	0.0	39.0	7.0	0.0	0.0	0.0	48.0			
11	13.0	18.0	0.0	3.0	0.0	5.0	0.0	0.0	0.0	35.0			
12	8.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0			
13	0.0	11.0	0.0	3.0	5.0	0.0	0.0	0.0	0.0	22.0			
14	18.0	8.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0			
15	22.0	22.0	79.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0			
16	15.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
17	8.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
18	23.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0			
19	28.0	0.0	8.0	1.0	0.0	0.0	0.0	3.0	0.0	0.0			
20	38.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
21	18.0	0.0	0.0	5.0	0.0	0.0	0.0	20.0	15.0	0.0			
22	25.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0			
23	28.0	0.0	0.0	7.0	0.0	3.0	6.0	0.0	38.0	0.0			
24	12.0	10.0	0.0	14.0	13.0	3.0	0.0	21.0	2.0	0.0			
25	21.0	0.0	0.0	5.0	28.0	7.0	0.0	3.0	0.0	0.0			
26	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0			
27	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0			
28	0.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0			
29	22.0		0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0			
30	18.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
31	0.0		73.0		0.0		0.0	0.0		0.0			
Total	407.0	145.0	251.0	114.0	177.0	195.0	6.0	47.0	60.0	184.0			Anual
Días Ll.	22	11	10	14	8	12	1	4	4	6			


QUINDÍO
Sorrento - Montenegro
Lluvia (mm)
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
Tucumán - Armenia
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
La Pradera - Armenia
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
El Jardín - Calarcá
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : QUEBRADANEGRA
Año : 1997

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 27 ' N
Longitud : 75 ° 40 ' W
Altitud : 1500 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	9.0	5.0	5.0	17.0	0.0	0.0	0.0	0.0	0.0	3.0	7.0	27.0	
2	38.0	0.0	4.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	4.0	
3	5.0	0.0	2.0	8.0	2.0	27.0	0.0	0.0	0.0	4.0	2.0	0.0	
4	29.0	0.0	7.0	3.0	0.0	34.0	0.0	0.0	0.0	0.0	1.0	0.0	
5	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
6	14.0	8.0	0.0	38.0	21.0	0.0	0.0	0.0	11.0	0.0	5.0	0.0	
7	0.0	3.0	0.0	0.0	0.0	18.0	3.0	0.0	1.0	0.0	36.0	0.0	
8	0.0	0.0	0.0	2.0	1.0	16.0	0.0	0.0	9.0	0.0	27.0	0.0	
9	8.0	5.0	0.0	3.0	0.0	22.0	0.0	0.0	0.0	0.0	13.0	0.0	
10	14.0	3.0	0.0	1.0	78.0	13.0	0.0	0.0	0.0	23.0	18.0	0.0	
11	17.0	2.0	0.0	2.0	2.0	8.0	0.0	0.0	0.0	31.0	32.0	0.0	
12	52.0	2.0	9.0	3.0	1.0	5.0	0.0	0.0	0.0	17.0	58.0	0.0	
13	18.0	0.0	12.0	1.0	0.0	2.0	0.0	0.0	0.0	8.0	36.0	0.0	
14	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	43.0	4.0	
15	38.0	3.0	46.0	2.0	0.0	6.0	0.0	0.0	0.0	4.0	0.0	0.0	
16	59.0	34.0	78.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
17	32.0	2.0	17.0	9.0	0.0	4.0	0.0	0.0	0.0	3.0	14.0	0.0	
18	16.0	4.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
19	43.0	2.0	0.0	4.0	0.0	3.0	0.0	0.0	0.0	0.0	12.0	0.0	
20	38.0	0.0	23.0	7.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
21	7.0	0.0	31.0	3.0	0.0	0.0	0.0	0.0	5.0	3.0	0.0	0.0	
22	18.0	9.0	0.0	5.0	14.0	0.0	0.0	0.0	8.0	2.0	0.0	0.0	
23	23.0	0.0	5.0	16.0	0.0	0.0	0.0	0.0	12.0	0.0	1.0	0.0	
24	19.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	7.0	0.0	62.0	0.0	
25	27.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	
26	42.0	0.0	0.0	9.0	26.0	5.0	0.0	0.0	0.0	0.0	16.0	0.0	
27	0.0	0.0	0.0	0.0	12.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
29	42.0		0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	22.0	21.0	
30	24.0		0.0	0.0	0.0	0.0	1.0	0.0	0.0	25.0	14.0	0.0	
31	32.0		56.0		2.0		0.0	0.0		23.0		0.0	
Total	664.0	86.0	307.0	161.0	159.0	195.0	8.0	0.0	53.0	153.0	465.0	56.0	Anual 2307.0
Días LI.	25	15	15	23	10	14	3	0	7	15	24	4	

Estación : LA ARGENTINA
Año : 1997

Dpto. : QUINDIO
Mpio. : LA TEBAIDA

Latitud : 4 ° 27 ' N
Longitud : 75 ° 47 ' W
Altitud : 1200 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	13.0	0.0		0.0	5.0	0.0	0.0	3.0	5.0	0.0	0.0	
2	0.0	0.0	0.0		0.0	26.0	0.0	0.0	0.0	0.0	25.0	0.0	
3	14.0	8.0	22.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	
4	16.0	42.0	18.0		40.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	
5	14.0	0.0	0.0		0.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	25.0	0.0		0.0	29.0	0.0	0.0	29.0	0.0	0.0	0.0	
7	16.0	0.0	0.0		0.0	30.0	0.0	0.0	87.0	0.0	50.0	0.0	
8	12.0	0.0	0.0		0.0	0.0	0.0	0.0	24.0	0.0	56.0	0.0	
9	0.0	0.0	0.0		8.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0		68.0	18.0	0.0	0.0	0.0	30.0	16.0	0.0	
11	0.0	0.0	0.0		0.0	22.0	0.0	0.0	0.0	38.0	0.0	0.0	
12	0.0	0.0	26.0		0.0	35.0	0.0	0.0	0.0	0.0	22.0	0.0	
13	12.0	0.0	13.0		0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
14	0.0	13.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	23.0	38.0	
15	12.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	17.0	35.0		0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
17	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	8.0		0.0	10.0	0.0	0.0	0.0	0.0	6.0	0.0	
19	23.0	0.0	3.0		2.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
20	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	41.0	12.0	0.0	
21	16.0	0.0	0.0		0.0	0.0	0.0	0.0	20.0	4.0	6.0	0.0	
22	0.0	0.0	0.0		0.0	0.0	0.0	0.0	48.0	0.0	8.0	0.0	
23	0.0	0.0	0.0		0.0	0.0	0.0	0.0	20.0	0.0	16.0	0.0	
24	0.0	0.0	0.0		0.0	0.0	0.0	0.0	42.0	0.0	50.0	0.0	
25	49.0	0.0	0.0		19.0	11.0	0.0	0.0	58.0	0.0	16.0	0.0	
26	14.0	0.0	0.0		0.0	9.0	0.0	0.0	24.0	0.0	0.0	0.0	
27	0.0	0.0	0.0		14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	
29	7.0		0.0		12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	6.0		16.0		33.0	0.0	0.0	0.0	48.0	0.0	0.0	0.0	
31	11.0		0.0		11.0		0.0	4.0		0.0		0.0	
Total	222.0	118.0	141.0		207.0	255.0	0.0	4.0	412.0	128.0	377.0	52.0	Anual
Días LI.	14	6	8		9	12	0	1	12	6	16	2	

Estación : LA MIRANDA
Año : 1997

Dpto. : QUINDIO
Mpio. : LA TEBAIDA

Latitud : 4 ° 26 ' N
Longitud : 75 ° 52 ' W
Altitud : 1200 m

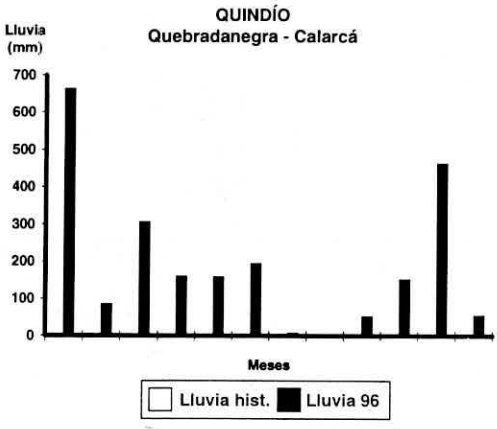
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	20.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	4.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	14.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
5	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	17.0	0.0	
6	0.0	2.0	0.0	3.0	0.0	58.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	30.0	0.0	21.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	10.0	0.0	
9	30.0	2.0	0.0	5.0	0.0	23.0	0.0	0.0	0.0	0.0	53.0	0.0	
10	0.0	0.0	0.0	48.0	0.0	5.0	0.0	0.0	0.0	10.0	16.0	0.0	
11	0.0	0.0	0.0	0.0	50.0	9.0	0.0	0.0	0.0	12.0	10.0	0.0	
12	50.0	0.0	11.0	0.0	0.0	15.0	0.0	0.0	0.0	8.0	3.0	0.0	
13	0.0	0.0	14.0	17.0	0.0	0.0	0.0	0.0	23.0	0.0	20.0	0.0	
14	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	13.0	17.0	
15	0.0	12.0	21.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	9.0	3.0	10.0	17.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
17	17.0	9.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	34.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	14.0	0.0	
19	0.0	0.0	11.0	37.0	0.0	0.0	0.0	0.0	13.0	14.0	32.0	0.0	
20	3.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	20.0	7.0	0.0	
21	3.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	
23	10.0	0.0	0.0	10.0	0.0	3.0	0.0	0.0	32.0	0.0	9.0	0.0	
24	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	0.0	0.0	
25	45.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	11.0	0.0	25.0	0.0	
26	23.0	0.0	0.0	28.0	49.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
28	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	6.0	19.0	
30	1.0		0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	3.0	0.0	
31	29.0		25.0		0.0		0.0	0.0		0.0		0.0	
Total	250.0	84.0	151.0	254.0	118.0	183.0	0.0	0.0	195.0	103.0	291.0	36.0	Anual 1665.0
Días Ll.	12	9	8	14	4	10	0	0	11	9	18	2	

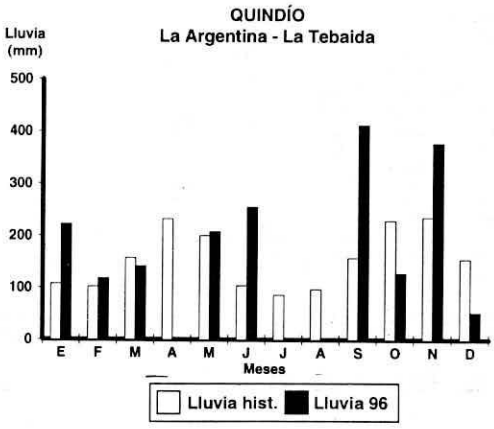
Estación : MONACO
Año : 1997

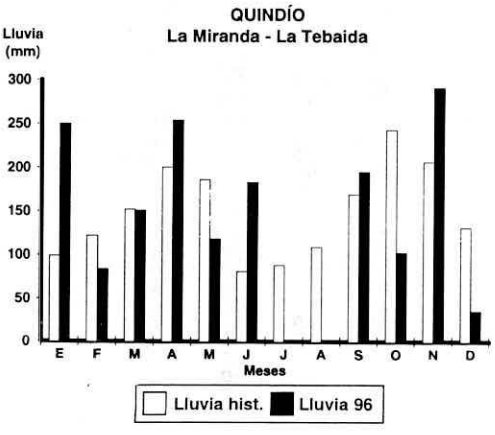
Dpto. : QUINDIO
Mpio. : CORDOBA

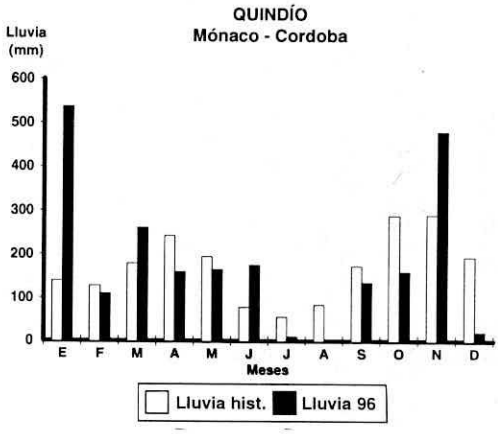
Latitud : 4 ° 25 ' N
Longitud : 75 ° 42 ' W
Altitud : 1250 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
3	0.0	0.0	10.0	20.0	0.0	20.0	0.0	0.0	5.0	0.0	5.0	0.0	
4	20.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
5	0.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	20.0	0.0	
6	0.0	0.0	0.0	30.0	0.0	10.0	0.0	0.0	0.0	0.0	30.0	0.0	
7	10.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	60.0	0.0	40.0	0.0	
8	0.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	30.0	0.0	
9	0.0	10.0	0.0	0.0	10.0	30.0	0.0	0.0	0.0	0.0	50.0	0.0	
10	10.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	60.0	10.0	0.0	
11	20.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	30.0	5.0	0.0	
12	40.0	0.0	40.0	0.0	30.0	0.0	0.0	0.0	0.0	20.0	70.0	0.0	
13	20.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
14	10.0	10.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
15	30.0	30.0	40.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	40.0	20.0	50.0	10.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	
17	20.0	0.0	30.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	
18	30.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
19	10.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0	0.0	0.0	50.0	0.0	
20	30.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
21	20.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	10.0	10.0	0.0	0.0	
22	10.0	0.0	30.0	10.0	30.0	20.0	0.0	0.0	20.0	0.0	0.0	0.0	
23	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
24	35.0	0.0	0.0	20.0	0.0	10.0	0.0	0.0	0.0	0.0	54.0	0.0	
25	40.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	10.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
28	0.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	
29	32.0		0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	
30	40.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
31	10.0		5.0		0.0		0.0	0.0		0.0		0.0	
Total	537.0	110.0	260.0	160.0	165.0	175.0	10.0	0.0	135.0	160.0	479.0	20.0	Anual 2211.0
Días Ll.	23	7	11	11	10	12	1	0	7	8	18	1	


QUINDÍO
Quebradanegra - Calarcá
Lluvia (mm)
700
600
500
400
300
200
100
0
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
La Argentina - La Tebaida
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
La Miranda - La Tebaida
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
Mónaco - Cordoba
Lluvia (mm)
600
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : LA ESPERANZA
Año : 1997

Dpto. : QUINDIO
Mpio. : BUENAVISTA

Latitud : 4 ° 22 ' N
Longitud : 75 ° 45 ' W
Altitud : 1400 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	9.0	14.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
2	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	
3	5.0	4.0	9.0	23.0	0.0	19.0	0.0	0.0	0.0	0.0	9.0	0.0	
4	0.0	6.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	6.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	54.0	0.0	8.0	0.0	
6	10.0	19.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	59.0	0.0	0.0	17.0	0.0	58.0	0.0	
8	6.0	0.0	0.0	0.0	3.0	18.0	0.0	0.0	0.0	0.0	31.0	0.0	
9	4.0	5.0	0.0	8.0	0.0	9.0	0.0	0.0	0.0	0.0	21.0	0.0	
10	6.0	0.0	0.0	6.0	42.0	12.0	0.0	0.0	0.0	86.0	6.0	0.0	
11	9.0	7.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	
12	25.0	0.0	0.0	7.0	12.0	8.0	0.0	0.0	0.0	9.0	74.0	0.0	
13	0.0	3.0	25.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	15.0	
15	60.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	66.0	5.0	79.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	10.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	9.0	0.0	
18	7.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	31.0	0.0	4.0	30.0	0.0	38.0	0.0	0.0	0.0	0.0	19.0	0.0	
20	8.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	58.0	0.0	0.0	
21	0.0	0.0	29.0	3.0	3.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
22	26.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	6.0	0.0	
23	23.0	0.0	0.0	74.0	0.0	0.0	0.0	0.0	14.0	0.0	25.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0	0.0	
25	72.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	4.0	0.0	16.0	0.0	
26	8.0	0.0	0.0	19,0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	6.0		0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	29.0	15.0	
30	9.0		0.0	0.0	28.0	0.0	0.0	0.0	41.0	0.0	9.0	0.0	
31	21.0		10.0		0.0		0.0	0.0		0.0		0.0	
													Anual
Total	437.0	78.0	276.0	254.0	114.0	163.0	4.0	0.0	167.0	175.0	385.0	48.0	2101.0
Días Ll.	23	9	12	15	7	7	1	0	7	6	15	4	

Estación : EL PORVENIR
Año : 1997

Dpto. : QUINDIO
Mpio. : PIJAO

Latitud : 4 ° 19 ' N
Longitud : 75 ° 47 ' W
Altitud : 1470 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	5.0	6.0	0.0	18.0	0.0	0.0	0.0	0.0	10.0	1.0	0.0	5.0	
2	6.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	18.0	
3	2.0	0.0	2.0	7.0	1.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	1.0	10.0	1.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	20.0	0.0	
5	20.0	1.0	10.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	1.0	0.0	
6	30.0	4.0	0.0	24.0	0.0	6.0	0.0	0.0	1.0	0.0	1.0	0.0	
7	0.0	1.0	0.0	0.0	0.0	20.0	0.0	0.0	27.0	0.0	4.0	0.0	
8	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	1.0	0.0	20.0	0.0	
9	13.0	5.0	0.0	0.0	1.0	26.0	0.0	0.0	0.0	0.0	17.0	0.0	
10	1.0	1.0	1.0	0.0	72.0	6.0	0.0	0.0	0.0	24.0	1.0	0.0	
11	18.0	1.0	0.0	1.0	1.0	2.0	0.0	0.0	0.0	1.0	1.0	0.0	
12	34.0	1.0	5.0	0.0	1.0	1.0	0.0	0.0	0.0	14.0	53.0	0.0	
13	0.0	0.0	25.0	1.0	2.0	0.0	0.0	0.0	0.0	1.0	17.0	1.0	
14	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	9.0	7.0	
15	11.0	23.0	13.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
16	60.0	0.0	55.0	0.0	0.0	2.0	0.0	0.0	0.0	14.0	0.0	0.0	
17	6.0	26.0	21.0	2.0	0.0	1.0	0.0	0.0	0.0	3.0	1.0	0.0	
18	1.0	0.0	17.0	0.0	0.0	7.0	0.0	0.0	0.0	15.0	0.0	0.0	
19	24.0	0.0	1.0	28.0	0.0	1.0	0.0	0.0	9.0	0.0	37.0	0.0	
20	4.0	0.0	11.0	10.0	0.0	1.0	0.0	0.0	1.0	20.0	9.0	0.0	
21	0.0	0.0	4.0	2.0	1.0	0.0	0.0	0.0	32.0	6.0	0.0	0.0	
22	103.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
23	56.0	0.0	4.0	25.0	0.0	0.0	0.0	0.0	4.0	0.0	26.0	0.0	
24	0.0	1.0	0.0	1.0	0.0	4.0	0.0	0.0	7.0	4.0	13.0	0.0	
25	26.0	0.0	0.0	13.0	2.0	1.0	0.0	0.0	1.0	0.0	18.0	0.0	
26	16.0	0.0	0.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
28	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	1.0		0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	45.0	1.0	
30	15.0		1.0	1.0	2.0	1.0	0.0	0.0	11.0	1.0	3.0	0.0	
31	12.0		9.0		1.0		0.0	2.0		0.0		1.0	
													Anual
Total	470.0	80.0	182.0	152.0	85.0	111.0	0.0	2.0	184.0	113.0	297.0	33.0	1709.0
Días Ll.	24	12	17	19	11	18	0	1	13	15	20	6	

Estación : VILLA HORIZABA
Año : 1997

Dpto. : QUINDIO
Mpio. : GENOVA

Latitud : 4 ° 15 ' N
Longitud : 75 ° 48 ' W
Altitud : 1540 m

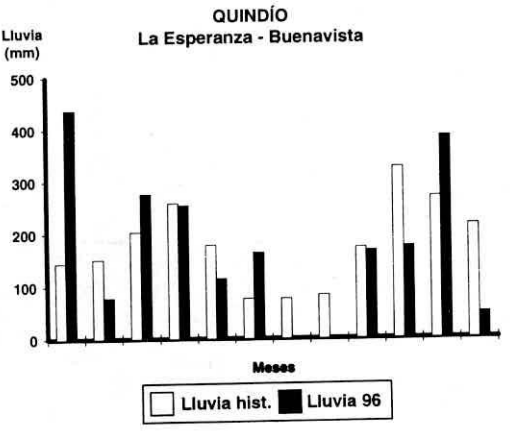
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	5.0	
2	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
3	0.0	0.0	0.0	60.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	0.0	0.0	45.0	0.0	
5	30.0	0.0	6.0	20.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
6	5.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	2.0	0.0	1.0	0.0	
7	5.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	26.0	0.0	10.0	0.0	
8	0.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	30.0	0.0	
9	10.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0	20.0	0.0	
10	10.0	0.0	2.0	0.0	50.0	5.0	0.0	0.0	0.0	23.0	10.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	13.0	0.0	
12	20.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	37.0	0.0	
13	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	15.0	0.0	
14	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	9.0	30.0	19.0	
15	15.0	0.0	20.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
16	20.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
17	2.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	
18	20.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
19	20.0	0.0	10.0	30.0	0.0	0.0	0.0	0.0	5.0	0.0	15.0	0.0	
20	10.0	5.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0	2.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	
22	40.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
23	40.0	0.0	10.0	50.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	20.0	0.0	5.0	0.0	0.0	20.0	15.0	6.0	0.0	
25	25.0	0.0	0.0	10.0	10.0	6.0	0.0	0.0	5.0	0.0	5.0	0.0	
26	8.0	0.0	0.0	5.0	15.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	5.0		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	30.0	0.0	
30	0.0		7.0	0.0	0.0	0.0	0.0	0.0	15.0	28.0	30.0	0.0	
31	5.0		10.0		0.0		0.0	2.0		50.0		0.0	
Total	330.0	40.0	245.0	240.0	95.0	116.0	6.0	2.0	149.0	221.0	331.0	34.0	Anual 1809.0
Días Ll.	20	4	13	10	4	9	2	1	11	16	19	3	

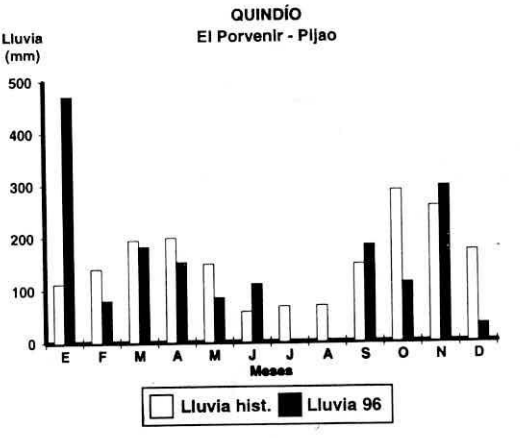
Estación : LA ALEJANDRIA
Año : 1997

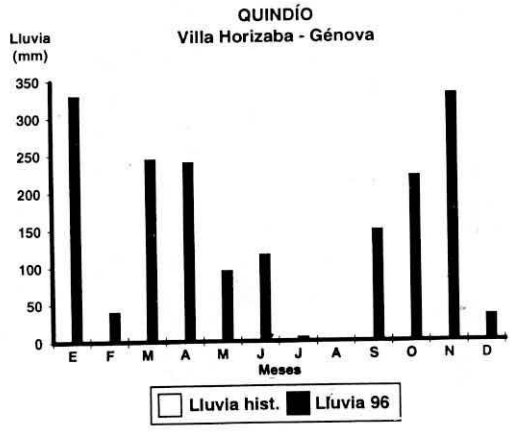
Dpto. : QUINDIO
Mpio. : GENOVA

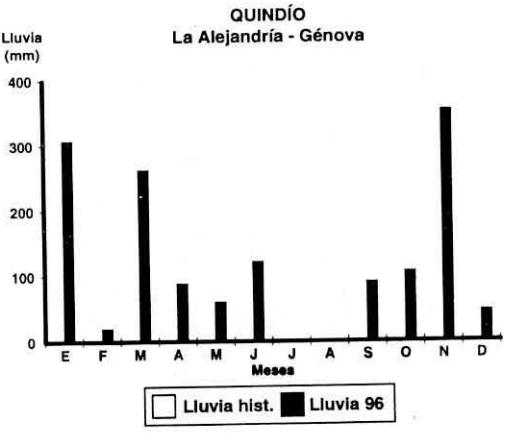
Latitud : 4 ° 11 ' N
Longitud : 75 ° 47 ' W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	32.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	15.0	11.0	0.0	
3	6.0	0.0	31.0	2.0	0.0	45.0	0.0	0.0	0.0	0.0	2.0	0.0	
4	20.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	28.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
6	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	35.0	0.0	2.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	11.0	0.0	
8	9.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	28.0	0.0	
9	17.0	0.0	0.0	0.0	40.0	4.0	0.0	0.0	0.0	6.0	2.0	0.0	
10	4.0	0.0	0.0	0.0	2.0	20.0	0.0	0.0	0.0	5.0	18.0	0.0	
11	10.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	9.0	35.0	0.0	
12	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	40.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	27.0	0.0	
14	2.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	11.0	
15	53.0	3.0	30.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	3.0	10.0	11.0	15.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	20.0	
17	0.0	0.0	39.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0	6.0	0.0	
18	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
19	20.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
20	5.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0	10.0	0.0	0.0	
21	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	
22	10.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
23	45.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
24	55.0	0.0	62.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
25	40.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
26	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	40.0	15.0	
30	0.0		23.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	31.0	0.0	
31	0.0		3.0				0.0	0.0		0.0		0.0	
Total	307.0	20.0	262.0	88.0	60.0	121.0	0.0	0.0	90.0	106.0	353.0	46.0	Anual 1453.0
Días Ll.	17	3	12	8	6	8	0	0	7	11	19	3	


QUINDÍO
La Esperanza - Buenavista
Lluvia (mm)
500
400
300
200
100
0
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
El Porvenir - Pijao
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
Villa Horizaba - Génova
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


QUINDÍO
La Alejandría - Génova
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : LA ORIENTAL **Dpto. :** RISARALDA **Latitud :** 5 ° 22 ' N
Año : 1997 **Mpio. :** QUINCHIA **Longitud :** 75 ° 43 ' W
Altitud : 1730 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	7.0	25.0	0.0	5.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	
2	2.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
3	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
4	0.0	9.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	66.0	0.0	0.0	
5	0.0	4.0	0.0	0.0	0.0	3.0	0.0	0.0	22.0	0.0	8.0	0.0	
6	12.0	22.0	0.0	3.0	0.0	16.0	0.0	0.0	0.0	0.0	12.0	0.0	
7	17.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	25.0	0.0	28.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	20.0	0.0	
9	18.0	6.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	13.0	0.0	
10	23.0	0.0	0.0	5.0	18.0	10.0	0.0	0.0	0.0	0.0	7.0	0.0	
11	0.0	0.0	8.0	0.0	2.0	2.0	0.0	0.0	0.0	13.0	14.0	7.0	
12	10.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	10.0	0.0	
13	0.0	0.0	0.0	0.0	3.0	0.0	0.0	8.0	0.0	22.0	10.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	
15	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
16	13.0	15.0	55.0	20.0	0.0	10.0	0.0	0.0	0.0	8.0	27.0	0.0	
17	3.0	15.0	30.0	18.0	0.0	0.0	0.0	0.0	0.0	12.0	3.0	0.0	
18	1.0	10.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	
19	0.0	3.0	16.0	5.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	
20	0.0	0.0	14.0	56.0	0.0	0.0	0.0	0.0	0.0	51.0	0.0	0.0	
21	0.0	4.0	4.0	19.0	14.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
22	12.0	10.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	10.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	53.0	0.0	0.0	0.0	
24	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
25	3.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	9.0	0.0	0.0	45.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	7.0	0.0	0.0	0.0	19.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	6.0		0.0	0.0	0.0	90.0	9.0	0.0	0.0	0.0	0.0	0.0	
30	5.0		10.0	0.0	0.0	2.0	0.0	0.0	20.0	0.0	0.0	0.0	
31	6.0		7.0		44.0		0.0	0.0		0.0		0.0	
Total	204.0	129.0	175.0	231.0	159.0	213.0	9.0	8.0	162.0	245.0	180.0	7.0	Anual 1722.0
Días LI.	20	12	11	14	8	11	1	1	9	10	13	1	

Estación : EL BARRANCO **Dpto. :** RISARALDA **Latitud :** 5 ° 20 ' N
Año : 1997 **Mpio. :** MISTRATO **Longitud :** 75 ° 53 ' W
Altitud : 1580 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	30.0	7.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
2	4.0	5.0	5.0	0.0	22.0	10.0	0.0	0.0	0.0	9.0	0.0	0.0	
3	0.0	4.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	8.0	0.0	
4	6.0	0.0	0.0	2.0	0.0	15.0	0.0	0.0	0.0	0.0	3.0	0.0	
5	10.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	30.0	0.0	7.0	0.0	
6	20.0	0.0	0.0	2.0	0.0	7.0	0.0	0.0	0.0	0.0	5.0	0.0	
7	15.0	2.0	0.0	0.0	2.0	17.0	0.0	2.0	0.0	0.0	15.0	0.0	
8	12.0	2.0	2.0	0.0	7.0	30.0	0.0	3.0	0.0	8.0	0.0	0.0	
9	4.0	4.0	5.0	0.0	7.0	0.0	0.0	0.0	5.0	9.0	9.0	0.0	
10	15.0	2.0	15.0	16.0	8.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	
11	30.0	5.0	10.0	0.0	0.0	0.0	0.0	1.0	0.0	40.0	10.0	0.0	
12	0.0	3.0	12.0	0.0	0.0	0.0	0.0	2.0	0.0	10.0	5.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	5.0	0.0	
14	0.0	2.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	5.0	10.0	0.0	
15	0.0	5.0	2.0	0.0	0.0	6.0	0.0	0.0	0.0	4.0	25.0	0.0	
16	0.0	2.0	22.0	7.0	7.0	10.0	0.0	0.0	0.0	4.0	25.0	0.0	
17	0.0	4.0	9.0	8.0	8.0	7.0	0.0	0.0	0.0	19.0	10.0	0.0	
18	0.0	7.0	9.0	18.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
19	10.0	12.0	10.0	25.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
20	0.0	5.0	2.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
21	0.0	5.0	17.0	5.0	0.0	12.0	0.0	0.0	25.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	5.0	9.0	13.0	0.0	0.0	10.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	4.0	9.0	0.0	0.0	0.0	10.0	0.0	4.0	0.0	
24	0.0	0.0	0.0	30.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	8.0	0.0	0.0	15.0	10.0	0.0	0.0	0.0	0.0	20.0	25.0	0.0	
27	0.0	0.0	0.0	0.0	10.0	6.0	15.0	0.0	6.0	10.0	9.0	0.0	
28	0.0	0.0	2.0	0.0	2.0	6.0	35.0	0.0	6.0	5.0	8.0	0.0	
29	0.0		0.0	0.0	3.0	6.0	40.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	13.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
31	6.0		0.0		13.0		0.0	0.0		0.0		15.0	
Total	170.0	76.0	124.0	179.0	130.0	167.0	90.0	10.0	112.0	213.0	202.0	15.0	Anual 1488.0
Días LI.	13	17	15	14	15	17	3	5	9	17	19	1	

Estación : EL DIAMANTE
Año : 1997

Dpto. : RISARALDA
Mpio. : QUINCHIA

Latitud : 5 ° 19 ' N
Longitud : 75 ° 42 ' W
Altitud : 1440 m

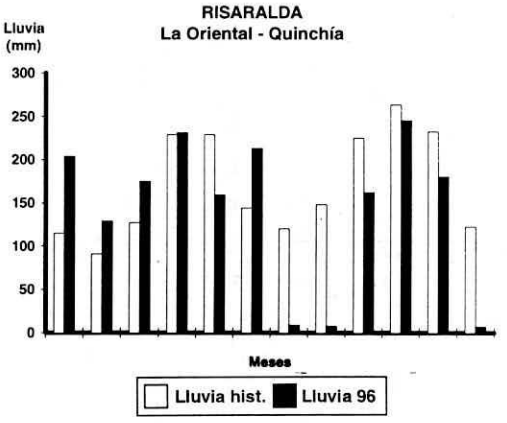
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
2	26.6	20.8	27.1	0.0	0.0	0.0	0.0	0.0	8.9	2.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
4	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	20.0	3.2	2.2	
5	0.0	8.0	0.0	7.0	0.0	0.0	0.0	0.0	40.3	27.6	0.0	0.0	
6	28.4	7.0	0.0	16.0	0.0	18.7	0.0	0.0	0.0	0.0	95.2	0.0	
7	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	21.0	0.0	
8	0.0	28.6	0.0	1.0	0.0	0.0	0.0	0.0	12.0	0.0	71.1	0.0	
9	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	51.1	0.0	
10	0.0	0.0	5.0	44.7	29.1	23.2	0.0	0.0	0.0	15.6	7.7	0.0	
11	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	18.6	18.5	0.0	
12	44.9	15.2	12.1	0.0	0.0	0.0	0.0	0.0	0.0	57.1	19.4	0.0	
13	20.0	0.0	0.0	0.0	0.0	22.3	0.0	35.0	0.0	4.7	21.5	0.0	
14	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	4.4	0.0	
15	29.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	14.4	0.0	
16	15.0	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1	6.1	2.2	
17	25.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.4	0.0	
18	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	21.0	30.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	
20	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	3.1	62.2	0.0	0.0	
21	0.0	29.2	0.0	67.0	8.9	0.0	0.0	0.0	7.0	30.9	0.0	0.0	
22	20.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
23	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.6	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	20.7	18.0	0.0	0.0	2.1	0.0	4.3	0.0	
26	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	10.0	8.2	0.0	41.1	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	
28	0.0	0.0	0.0	0.0	0.0	40.1	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	12.6		15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		20.1		44.5		6.0	0.0		0.0		0.0	
													Anual
Total	286.9	176.1	186.6	231.4	123.2	122.3	6.0	35.0	129.1	292.8	420.5	4.4	2014.3
Días Ll.	12	10	11	9	5	5	1	1	12	14	15	2	

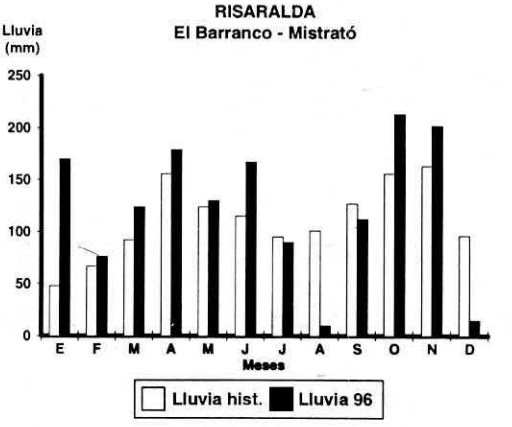
Estación : BUENOS AIRES
Año : 1997

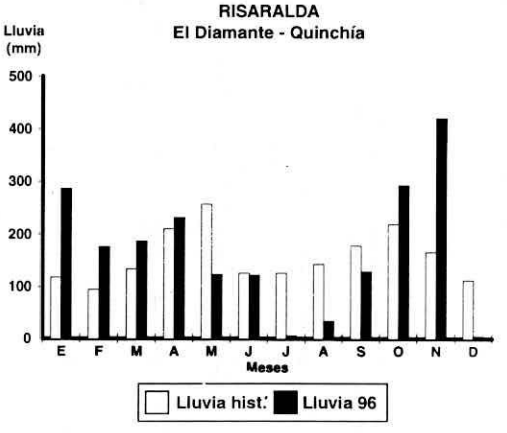
Dpto. : RISARALDA
Mpio. : GUATICA

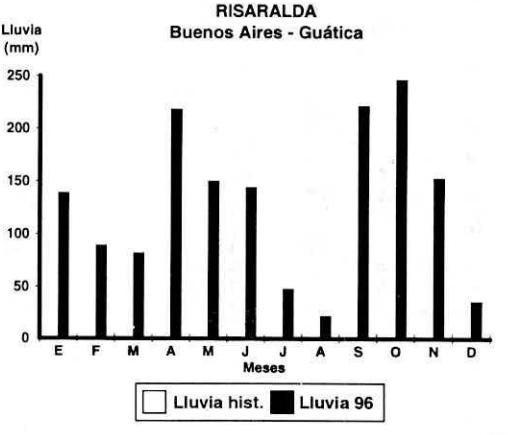
Latitud : 5 ° 18 ' N
Longitud : 75 ° 49 ' W
Altitud : 1750 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	47.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	1.0	0.0	6.0	
2	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	11.0	
3	0.0	1.0	0.0	16.0	8.0	0.0	0.0	0.0	0.0	4.0	7.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	34.0	6.0	0.0	
5	0.0	1.0	4.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	
6	8.0	11.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	1.0	0.0	
7	10.0	6.0	0.0	0.0	25.0	22.0	0.0	0.0	12.0	0.0	28.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	14.0	0.0	20.0	0.0	
9	3.0	6.0	3.0	0.0	2.0	1.0	0.0	0.0	0.0	2.0	8.0	0.0	
10	8.0	0.0	1.0	56.0	24.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	
11	18.0	1.0	10.0	0.0	2.0	8.0	0.0	0.0	0.0	17.0	5.0	0.0	
12	8.0	20.0	10.0	0.0	2.0	0.0	0.0	0.0	0.0	21.0	2.0	0.0	
13	0.0	0.0	3.0	7.0	0.0	1.0	0.0	22.0	0.0	25.0	0.0	0.0	
14	0.0	13.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
15	8.0	0.0	4.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	3.0	
16	0.0	0.0	12.0	1.0	7.0	0.0	0.0	0.0	0.0	4.0	2.0	6.0	
17	0.0	0.0	17.0	3.0	0.0	0.0	0.0	0.0	0.0	6.0	1.0	0.0	
18	1.0	8.0	8.0	1.0	0.0	7.0	0.0	0.0	0.0	24.0	0.0	0.0	
19	0.0	3.0	1.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	6.0	35.0	0.0	0.0	0.0	0.0	10.0	14.0	0.0	0.0	
21	9.0	0.0	1.0	22.0	11.0	0.0	0.0	0.0	14.0	28.0	0.0	0.0	
22	0.0	8.0	2.0	1.0	0.0	0.0	0.0	0.0	14.0	12.0	0.0	0.0	
23	4.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	24.0	0.0	
25	6.0	0.0	0.0	11.0	0.0	4.0	0.0	0.0	21.0	0.0	8.0	0.0	
26	4.0	0.0	0.0	21.0	17.0	18.0	0.0	0.0	71.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
29	0.0		0.0	2.0	8.0	55.0	47.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	5.0	0.0	0.0	0.0	7.0	0.0	10.0	
31	5.0		0.0		38.0		0.0	0.0		22.0		0.0	
													Anual
Total	139.0	89.0	82.0	218.0	150.0	144.0	48.0	22.0	221.0	246.0	153.0	36.0	1548.0
Días Ll.	14	13	14	17	13	11	2	1	11	17	15	5	


RISARALDA
La Oriental - Quinchía
Lluvia (mm)
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


RISARALDA
El Barranco - Mistrató
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


RISARALDA
El Diamante - Quinchía
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


RISARALDA
Buenos Aires - Guática
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : VISTA HERMOSA
Año : 1997

Dpto. : RISARALDA
Mpio. : BELEN DE UMBRIA

Latitud : 5 ° 14 ' N
Longitud : 75 ° 54 ' W
Altitud : 1900 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	50.0	5.0	7.0	0.0	0.0	0.0	0.0	0.0					
2	13.0	5.0	0.0	0.0	22.0	0.0	0.0	0.0					
3	0.0	26.0	0.0	10.0	0.0	0.0	0.0	0.0					
4	0.0	6.0	0.0	0.0	0.0	38.6	0.0	0.0					
5	0.0	3.0	0.0	0.0	0.0	1.0	0.0	0.0					
6	20.0	0.0	0.0	0.0	2.2	13.4	.1	0.0					
7	6.0	4.0	0.0	0.0	19.7	10.4	3.0	0.0					
8	0.0	2.0	0.0	0.0	0.0	0.0	6.6	0.0					
9	10.0	7.0	0.0	0.0	40.0	20.3	.1	0.0					
10	30.0	0.0	20.0	3.3	0.0	38.6	5.6	0.0					
11	1.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0					
12	10.0	14.0	1.0	0.0	3.4	0.0	0.0	2.0					
13	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0					
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0					
15	6.0	0.0	5.0	0.0	0.0	0.0	.1	0.0					
16	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0					
17	6.0	18.0	10.0	4.4	0.0	.6	0.0	0.0					
18	0.0	0.0	4.0	0.0	0.0	13.5	0.0	0.0					
19	0.0	4.0	5.2	10.0	20.0	0.0	0.0	0.0					
20	0.0	10.0	0.0	27.0	0.0	0.0	0.0	0.0					
21	0.0	0.0	0.0	39.0	0.0	0.0	0.0	0.0					
22	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0					
23	10.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0					
24	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
25	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
26	0.0	28.0	0.0	10.9	42.2	0.0	0.0	0.0					
27	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0					
28	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0					
29	0.0		0.0	0.0	2.2	45.7	18.5	0.0					
30	0.0		0.0	0.0	24.0	0.0	.8	0.0					
31	10.0		0.0		0.0		9.2	0.0					
													Anual
Total	198.0	145.0	84.2	123.4	188.7	182.1	44.0	10.0					
Días LI.	14	14	9	10	10	9	9	2					

Estación : LOS CAMBULOS
Año : 1997

Dpto. : RISARALDA
Mpio. : BELEN DE UMBRIA

Latitud : 5 ° 9 ' N
Longitud : 75 ° 53 ' W
Altitud : 1400 m

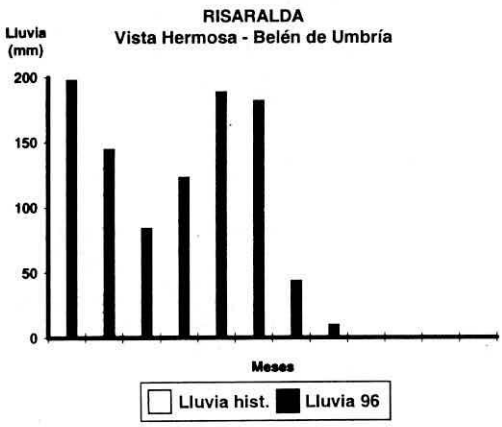
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	30.0	8.0	3.0	0.0	0.0	0.0	4.0	0.0	4.0	1.0	0.0	0.0	
2	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
3	0.0	2.0	0.0	2.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	35.0	0.0	0.0	4.0	0.0	0.0	0.0	23.0	40.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0	4.0	0.0	26.0	0.0	
7	5.0	32.0	0.0	0.0	20.0	85.0	0.0	0.0	5.0	0.0	130.0	0.0	
8	12.0	5.0	0.0	0.0	0.0	25.0	40.0	0.0	9.0	6.0	24.0	0.0	
9	13.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	18.0	0.0	
10	30.0	35.0	0.0	0.0	8.0	20.0	0.0	0.0	0.0	4.0	16.0	0.0	
11	25.0	5.0	6.0	0.0	20.0	0.0	0.0	0.0	0.0	3.0	27.0	0.0	
12	0.0	16.0	5.0	0.0	6.0	4.0	0.0	0.0	0.0	23.0	36.0	0.0	
13	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
14	0.0	20.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
15	0.0	7.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	40.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0	19.0	0.0	
17	0.0	3.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	3.0	0.0	4.0	0.0	20.0	0.0	7.0	0.0	30.0	0.0	0.0	
19	0.0	5.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	3.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	16.0	20.0	0.0	0.0	0.0	9.0	30.0	0.0	0.0	
22	2.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
24	0.0	4.0	0.0	0.0	0.0	12.0	0.0	8.0	19.0	0.0	30.0	0.0	
25	10.0	0.0	0.0	0.0	5.0	18.0	0.0	0.0	0.0	6.0	19.0	0.0	
26	5.0	0.0	0.0	22.0	16.0	0.0	0.0	0.0	5.0	2.0	0.0	0.0	
27	0.0	0.0	0.0	5.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	5.0	0.0	
29	0.0		0.0	0.0	4.0	7.0	15.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
													Anual
Total	132.0	147.0	131.0	116.0	103.0	293.0	79.0	15.0	131.0	146.0	410.0	0.0	1703.0
Días LI.	9	14	9	11	10	11	4	2	12	13	14	0	

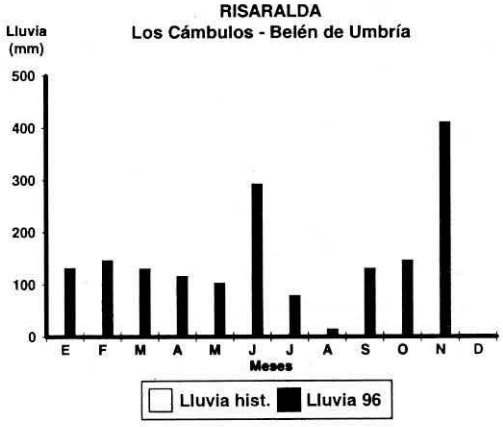
Estación : LOS NARANJOS **Dpto.** : RISARALDA **Latitud** : 5 ° 3 ' N
Año : 1997 **Mpio.** : SANTUARIO **Longitud** : 76 ° 0 ' W
Altitud : 1580 m

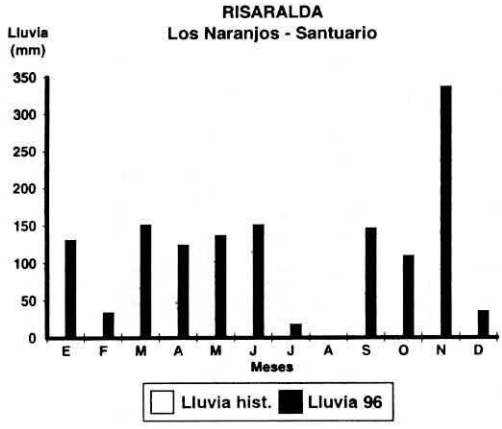
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	10.0	1.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
2	2.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	47.0	0.0	0.0	0.0	3.0	10.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	15.0	0.0	10.0	0.0	
5	5.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	26.0	11.0	20.0	0.0	
6	8.0	0.0	4.0	18.0	15.0	9.0	0.0	0.0	0.0	1.0	30.0	0.0	
7	2.0	6.0	10.0	0.0	3.0	7.0	0.0	0.0	4.0	0.0	40.0	0.0	
8	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	40.0	0.0	
9	5.0	0.0	8.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	11.0	0.0	
10	28.0	10.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
11	2.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	17.0	0.0	
12	0.0	0.0	4.0	9.0	0.0	8.0	0.0	1.0	0.0	0.0	20.0	0.0	
13	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	55.0	0.0	
14	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	1.0	0.0	3.0	
15	7.0	1.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	43.0	1.0	0.0	
16	4.0	0.0	21.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	10.0	0.0	
17	0.0	2.0	38.0	7.0	0.0	18.0	0.0	0.0	1.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
19	4.0	3.0	3.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0	3.0	0.0	
20	0.0	0.0	0.0	0.0	5.0	7.0	0.0	0.0	11.0	4.0	6.0	0.0	
21	5.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	8.0	8.0	3.0	0.0	
22	2.0	3.0	0.0	28.0	0.0	0.0	0.0	0.0	16.0	2.0	0.0	0.0	
23	0.0	1.0	6.0	0.0	0.0	0.0	0.0	0.0	3.0	1.0	18.0	0.0	
24	3.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	54.0	4.0	15.0	0.0	
25	38.0	0.0	0.0	3.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	2.0	43.0	11.0	11.0	0.0	0.0	0.0	7.0	5.0	0.0	
27	2.0	5.0	0.0	0.0	25.0	9.0	0.0	0.0	0.0	5.0	10.0	13.0	
28	0.0	0.0	9.0	1.0	15.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
29	0.0		4.0	9.0	4.0	5.0	10.0	0.0	3.0	0.0	0.0	0.0	
30	2.0		0.0	0.0	0.0	13.0	0.0	0.0	1.0	5.0	1.0	10.0	
31	0.0		30.0		0.0		0.0	0.0		0.0		0.0	
Total	131.0	34.0	151.0	124.0	137.0	151.0	18.0	1.0	146.0	110.0	336.0	36.0	Anual 1375.0
Días LI.	18	10	14	12	11	15	2	1	14	17	23	4	

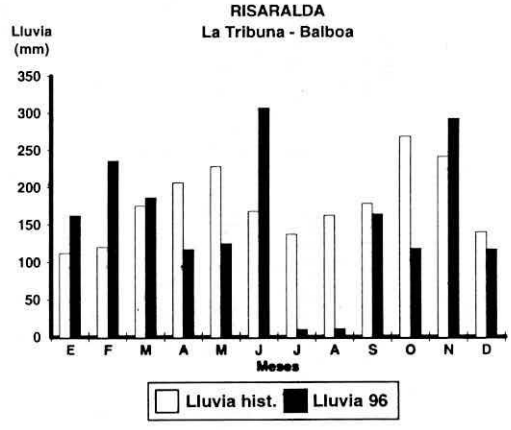
Estación : LA TRIBUNA **Dpto.** : RISARALDA **Latitud** : 4 ° 57 ' N
Año : 1997 **Mpio.** : BALBOA **Longitud** : 75 ° 58 ' W
Altitud : 1580 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	15.0	0.0	12.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	20.0	20.0	
3	0.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	
4	0.0	0.0	12.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	25.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	13.0	0.0	10.0	0.0	
6	0.0	29.0	0.0	10.0	0.0	10.0	0.0	0.0	8.0	0.0	15.0	30.0	
7	20.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	7.0	2.0	0.0	0.0	
8	0.0	24.0	5.0	0.0	0.0	10.0	0.0	0.0	0.0	5.0	10.0	0.0	
9	10.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
10	0.0	60.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	15.0	
11	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	3.0	10.0	5.0	
12	0.0	34.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
15	20.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	5.0	
16	0.0	20.0	60.0	10.0	20.0	10.0	0.0	0.0	0.0	10.0	4.0	0.0	
17	0.0	20.0	30.0	0.0	11.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0	0.0	0.0	0.0	
19	24.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	20.0	15.0	20.0	0.0	0.0	0.0	30.0	10.0	0.0	10.0	
21	10.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	20.0	22.0	
22	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	15.0	0.0	0.0	
23	7.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	23.0	20.0	10.0	0.0	
24	12.0	0.0	0.0	20.0	30.0	0.0	0.0	0.0	20.0	0.0	10.0	0.0	
25	4.0	0.0	10.0	25.0	20.0	133.0	0.0	0.0	0.0	10.0	0.0	0.0	
26	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0	28.0	20.0	0.0	
28	0.0	12.0	0.0	20.0	0.0	10.0	0.0	0.0	0.0	0.0	30.0	0.0	
29	0.0		5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
31	35.0		0.0		10.0		10.0	11.0		0.0		0.0	
Total	162.0	236.0	186.0	117.0	125.0	306.0	10.0	11.0	164.0	118.0	292.0	117.0	Anual 1844.0
Días LI.	11	9	11	9	8	16	1	1	9	10	19	8	


RISARALDA
Vista Hermosa - Belén de Umbría
Lluvia (mm)
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


RISARALDA
Los Cámbulos - Belén de Umbría
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


RISARALDA
Los Naranjos - Santuario
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


RISARALDA
La Tribuna - Balboa
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : EL CASTILLO
Año : 1997

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 56 ' N
Longitud : 75 ° 40 ' W
Altitud : 1550 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	6.0	50.0	0.0		0.0	7.0	0.0	0.0	0.0	0.0			
2	15.0	0.0	20.0		0.0	0.0	0.0	0.0	0.0	2.0			
3	15.0	4.0	4.0		0.0	0.0	0.0	0.0	0.0	0.0			
4	0.0	2.0	5.0		0.0	5.0	0.0	0.0	0.0	6.0			
5	15.0	10.0	8.0		0.0	15.0	0.0	0.0	27.0	0.0			
6	1.0	5.0	0.0		0.0	45.0	0.0	0.0	0.0	0.0			
7	3.0	67.0	0.0		0.0	75.0	0.0	0.0	0.0	0.0			
8	0.0	3.0	0.0		0.0	0.0	50.0	5.0	0.0	0.0			
9	32.0	6.0	2.0		10.0	0.0	0.0	0.0	0.0	40.0			
10	65.0	0.0	9.0		60.0	10.0	0.0	0.0	0.0	0.0			
11	0.0	6.0	2.0		6.0	35.0	0.0	0.0	0.0	20.0			
12	25.0	6.0	30.0		2.0	0.0	0.0	0.0	0.0	43.0			
13	0.0	0.0	0.0		43.0	11.0	0.0	0.0	0.0	0.0			
14	3.0	0.0	3.0		0.0	50.0	0.0	0.0	0.0	0.0			
15	0.0	16.0	25.0		0.0	30.0	0.0	0.0	13.0	0.0			
16	35.0	45.0	30.0		5.0	6.0	0.0	30.0	0.0	0.0			
17	35.0	5.0	48.0		0.0	13.0	0.0	0.0	0.0	20.0			
18	18.0	7.0	10.0		68.0	90.0	0.0	10.0	20.0	15.0			
19	0.0	0.0	12.0		0.0	0.0	0.0	0.0	0.0	0.0			
20	0.0	0.0	9.0		14.0	0.0	0.0	0.0	0.0	40.0			
21	37.0	0.0	2.0		0.0	0.0	0.0	0.0	10.0	42.0			
22	25.0	10.0	0.0		2.0	0.0	0.0	0.0	0.0	0.0			
23	23.0	5.0	0.0		0.0	0.0	0.0	0.0	24.0	0.0			
24	35.0	8.0	0.0		0.0	0.0	0.0	0.0	0.0	5.0			
25	55.0	0.0	0.0		0.0	0.0	0.0	0.0	23.0	0.0			
26	47.0	50.0	0.0		25.0	0.0	0.0	0.0	0.0	0.0			
27	4.0	6.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0			
28	19.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0			
29	7.0		0.0		0.0	0.0	0.0	0.0	0.0	0.0			
30	25.0		0.0		0.0	20.0	0.0	11.0	0.0	0.0			
31	31.0		0.0		10.0		25.0	0.0		0.0			
Total	576.0	311.0	219.0		245.0	412.0	75.0	56.0	117.0	233.0			Anual
Días LI.	24	19	16		11	14	2	4	6	10			

Estación : EL BOSQUE
Año : 1997

Dpto. : RISARALDA
Mpio. : DOSQUEBRADAS

Latitud : 4 ° 51 ' N
Longitud : 75 ° 41 ' W
Altitud : 1450 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	20.0	27.0	
2	0.0	21.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	23.0	
3	0.0	22.0	20.0	30.0	0.0	35.0	0.0	0.0	0.0	0.0	1.0	0.0	
4	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	20.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	28.0	0.0	15.0	0.0	3.0	0.0	0.0	0.0	0.0	33.0	0.0	
7	0.0	14.0	0.0	0.0	0.0	35.0	0.0	0.0	30.0	0.0	12.0	0.0	
8	0.0	10.0	0.0	14.0	34.0	5.0	0.0	0.0	10.0	7.0	17.0	0.0	
9	60.0	0.0	11.0	3.0	7.0	10.0	0.0	0.0	0.0	0.0	12.0	0.0	
10	80.0	0.0	0.0	0.0	10.0	23.0	0.0	0.0	0.0	3.0	66.0	0.0	
11	6.0	0.0	10.0	4.0	0.0	2.0	0.0	0.0	0.0	19.0	4.0	0.0	
12	16.0	0.0	48.0	6.0	20.0	4.0	0.0	0.0	0.0	0.0	28.0	0.0	
13	0.0	0.0	2.0	7.0	2.0	4.0	0.0	34.0	0.0	0.0	12.0	20.0	
14	0.0	0.0	0.0	12.0	9.0	0.0	0.0	0.0	0.0	0.0	26.0	48.0	
15	0.0	13.0	14.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	
16	25.0	5.0	0.0	0.0	30.0	0.0	7.0	0.0	0.0	21.0	15.0	0.0	
17	0.0	0.0	0.0	10.0	0.0	18.0	0.0	0.0	0.0	7.0	20.0	0.0	
18	16.0	0.0	0.0	21.0	0.0	18.0	0.0	0.0	0.0	12.0	10.0	0.0	
19	6.0	0.0	21.0	20.0	4.0	21.0	0.0	0.0	0.0	0.0	11.0	0.0	
20	0.0	0.0	20.0	15.0	0.0	0.0	0.0	0.0	0.0	21.0	30.0	0.0	
21	16.0	0.0	0.0	7.0	12.0	0.0	0.0	0.0	10.0	35.0	0.0	0.0	
22	22.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	0.0	16.0	0.0	
23	53.0	0.0	0.0	6.0	0.0	2.0	0.0	0.0	40.0	0.0	10.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	
25	65.0	0.0	0.0	7.0	15.0	10.0	0.0	0.0	31.0	0.0	7.0	29.0	
26	22.0	15.0	0.0	40.0	20.0	10.0	0.0	0.0	0.0	0.0	9.0	0.0	
27	0.0	0.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	20.0	0.0	0.0	
29	20.0		35.0	0.0	30.0	35.0	0.0	0.0	0.0	15.0	0.0	65.0	
30	21.0		0.0	0.0	4.0	15.0	0.0	0.0	0.0	0.0	28.0	12.0	
31	20.0		0.0		9.0		18.0	0.0		0.0		0.0	
Total	448.0	128.0	220.0	240.0	208.0	252.0	25.0	34.0	173.0	198.0	455.0	224.0	Anual 2605.0
Días LI.	15	8	11	19	15	18	2	1	10	12	24	7	

Estación : COMBIA
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 51 ' N
Longitud : 75 ° 47 ' W
Altitud : 1210 m

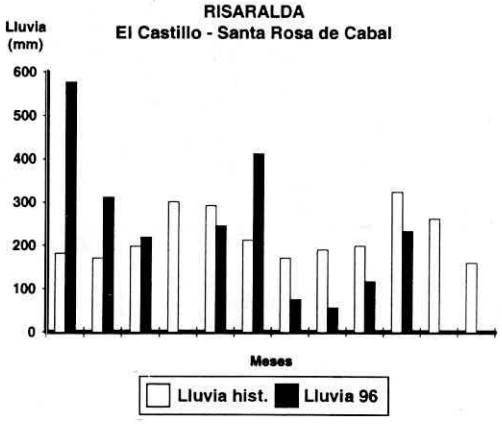
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	55.0	
2	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	24.0	0.0	0.0	65.0	0.0	4.0	0.0	10.0	0.0	0.0	
4	6.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
5	0.0	19.0	0.0	27.0	0.0	10.0	0.0	0.0	70.0	0.0	25.0	0.0	
6	0.0	17.0	0.0	0.0	0.0	85.0	0.0	0.0	0.0	0.0	17.0	0.0	
7	0.0	4.0	0.0	4.0	0.0	9.0	0.0	0.0	30.0	0.0	2.7	0.0	
8	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	2.9	0.0	
9	0.0	0.0	15.0	0.0	14.0	10.0	0.0	0.0	5.0	0.0	2.3	0.0	
10	44.0	0.0	10.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	12.0	0.0	
11	34.0	0.0	7.0	0.0	0.0	25.0	0.0	0.0	0.0	40.0	2.5	0.0	
12	0.0	0.0	1.0	0.0	13.0	20.0	0.0	0.0	0.0	20.0	2.7	20.0	
13	0.0	0.0	2.0	0.0	1.0	30.0	0.0	0.0	0.0	0.0	2.8	0.0	
14	0.0	0.0	0.0	21.0	3.0	10.0	0.0	0.0	15.0	0.0	0.0	10.0	
15	14.0	0.0	55.0	0.0	1.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	7.0	0.0	15.0	0.0	0.0	50.0	0.0	0.0	0.0	15.0	16.0	0.0	
17	0.0	0.0	23.0	20.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
18	0.0	0.0	0.0	30.0	0.0	55.0	0.0	0.0	0.0	0.0	3.0	0.0	
19	1.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0	50.0	0.0	4.0	0.0	
20	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	50.0	7.0	0.0	
21	4.0	1.0	0.0	36.0	8.0	0.0	0.0	0.0	16.0	55.0	10.0	0.0	
22	40.0	.5	0.0	5.0	0.0	0.0	0.0	0.0	29.0	10.0	15.0	0.0	
23	13.0	0.0	0.0	15.0	0.0	2.0	0.0	0.0	15.0	0.0	18.0	0.0	
24	1.0	0.0	0.0	17.0	3.0	3.0	0.0	0.0	10.0	15.0	4.7	0.0	
25	34.0	0.0	0.0	6.0	5.0	6.0	0.0	0.0	25.0	25.0	4.2	0.0	
26	0.0	34.0	1.0	0.0	37.0	15.0	0.0	0.0	0.0	0.0	1.8	0.0	
27	19.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	1.3	0.0	
28	10.0	0.0	0.0	0.0	3.0	5.0	0.0	0.0	0.0	0.0	4.5	0.0	
29	23.0		0.0	0.0	0.0	6.0	0.0	0.0	15.0	17.0	1.0	10.0	
30	20.0		9.0	0.0	8.0	50.0	0.0	0.0	0.0	51.0	1.7	0.0	
31	0.0		0.0		0.0		0.0	0.0		10.0		0.0	
Total	297.0	75.5	196.0	206.0	104.0	496.0	0.0	4.0	335.0	348.0	180.1	95.0	Anual 2336.6
Días Ll.	17	6	12	13	13	21	0	1	13	13	25	4	

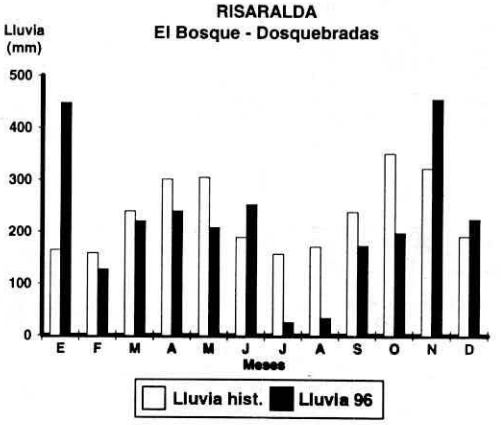
Estación : LA PLAYA
Año : 1997

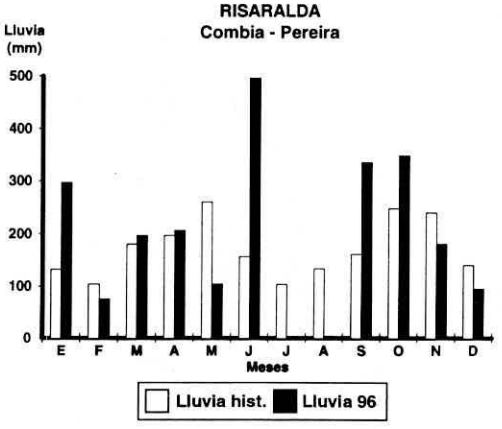
Dpto. : RISARALDA
Mpio. : PEREIRA

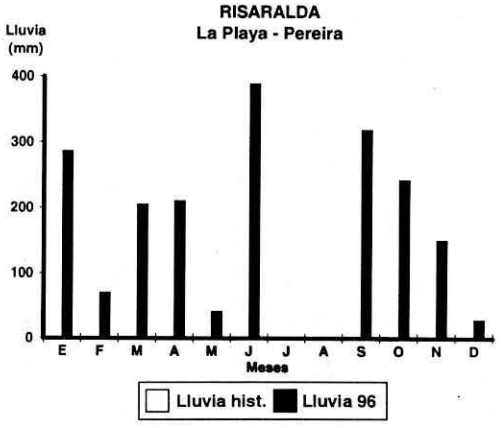
Latitud : 4 ° 49 ' N
Longitud : 75 ° 45 ' W
Altitud : 1230 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	2.0	4.0	5.0	20.0	2.0	10.0	0.0	0.0	0.0	15.0	10.0	5.0	
2	2.5	4.5	5.0	1.0	3.0	15.0	0.0	0.0	1.0	0.0	0.0	2.0	
3	3.0	4.0	0.0	1.0	0.0	5.0	0.0	0.0	1.5	5.0	5.0	4.0	
4	4.0	3.0	0.0	5.0	0.0	30.0	0.0	0.0	1.5	0.0	5.0	0.0	
5	3.0	15.0	0.0	20.0	0.0	10.0	0.0	0.0	25.0	2.0	10.0	0.0	
6	.5	10.0	0.0	1.5	0.0	15.0	0.0	0.0	2.0	5.0	0.0	0.0	
7	1.5	2.9	30.0	0.0	0.0	10.0	0.0	0.0	25.0	0.0	0.0	0.0	
8	10.0	1.5	5.0	0.0	5.0	45.0	0.0	0.0	45.0	0.0	0.0	2.0	
9	1.5	4.0	3.0	0.0	3.0	40.0	0.0	0.0	6.0	0.0	15.0	2.0	
10	40.0	3.0	2.0	0.0	2.0	50.0	0.0	0.0	6.0	0.0	10.0	0.0	
11	45.0	2.0	5.0	2.0	2.0	45.0	0.0	0.0	5.0	2.0	5.0	0.0	
12	1.5	1.5	0.0	2.0	5.0	30.0	0.0	0.0	4.5	5.0	5.0	10.0	
13	1.0	2.0	6.0	5.0	0.0	15.0	0.0	0.0	4.5	2.0	0.0	2.0	
14	.5	.5	80.0	1.0	0.0	15.0	0.0	0.0	7.0	2.0	0.0	0.0	
15	.5	0.0	0.0	20.0	0.0	45.0	0.0	0.0	8.0	30.0	0.0	0.0	
16	.5	0.0	0.0	5.0	0.0	0.0	0.0	0.0	4.5	15.0	5.0	0.0	
17	4.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	1.5	5.0	10.0	0.0	
18	1.5	0.0	10.0	15.0	0.0	0.0	0.0	0.0	1.5	5.0	20.0	0.0	
19	3.5	0.0	5.0	2.0	5.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0	
20	4.0	0.0	0.0	3.0	2.0	0.0	0.0	0.0	80.0	0.0	5.0	0.0	
21	1.5	0.0	5.0	45.0	2.0	2.0	0.0	0.0	9.0	0.0	5.0	0.0	
22	25.0	0.0	4.0	5.0	1.0	2.0	0.0	0.0	4.5	0.0	10.0	2.0	
23	3.0	.5	0.0	4.5	1.0	0.0	0.0	0.0	15.0	2.0	10.0	0.0	
24	4.0	2.0	5.0	20.0	1.0	0.0	0.0	0.0	20.0	5.0	5.0	0.0	
25	50.0	5.0	15.0	1.5	0.0	0.0	0.0	0.0	15.0	5.0	5.0	0.0	
26	7.0	0.0	5.0	1.5	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	4.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	15.0	5.0	0.0	2.0	0.0	0.0	0.0	0.0	5.0	70.0	5.0	0.0	
29	20.0		0.0	5.0	2.0	0.0	0.0	0.0	15.0	15.0	0.0	0.0	
30	25.0		0.0	0.0	1.0	0.0	0.0	0.0	5.0	40.0	5.0	0.0	
31	2.0		15.0		5.0		0.0	0.0		10.0		0.0	
Total	286.5	70.4	205.0	210.0	42.0	389.0	0.0	0.0	319.0	242.0	150.0	29.0	Anual 1942.9
Días Ll.	31	18	17	25	16	18	0	0	27	20	19	8	


RISARALDA
El Castillo - Santa Rosa de Cabal
Lluvia (mm)
600
500
400
300
200
100
0
Meses
Lluvia hist.
Lluvia 96


RISARALDA
El Bosque - Dosquebradas
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


RISARALDA
Combia - Pereira
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


RISARALDA
La Playa - Pereira
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : LOS CAMBULOS
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 49 ' N
Longitud : 75 ° 50 ' W
Altitud : 1180 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	12.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	55.0	
2	1.0	0.0	15.0	0.0	0.0	14.0	0.0				0.0	0.0	
3	0.0	25.0	0.0	14.0	0.0	0.0	0.0				8.0	0.0	
4	0.0	0.0	15.0	4.0	0.0	31.0	0.0				6.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	41.0	0.0				0.0	0.0	
6	0.0	0.0	0.0	10.0	0.0	0.0	0.0				0.0	0.0	
7	0.0	32.0	0.0	0.0	0.0	0.0	0.0				11.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	
9	14.0	9.0	6.0	0.0	0.0	25.0	0.0				10.0	0.0	
10	14.0	0.0	0.0	0.0	0.0	5.0	1.0				14.0	0.0	
11	0.0	0.0	28.0	0.0	0.0	15.0	0.0				7.0	0.0	
12	50.0	0.0	15.0	0.0	16.0	0.0	0.0				1.0	0.0	
13	0.0	0.0	0.0	10.0	4.0	0.0	0.0				5.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0				5.0	41.0	
15	0.0	0.0	0.0	0.0	5.0	15.0	0.0				0.0	0.0	
16	16.0	39.0	0.0	0.0	0.0	6.0	0.0				4.0	0.0	
17	0.0	6.0	25.0	0.0	0.0	0.0	0.0				0.0	0.0	
18	0.0	0.0	35.0	31.0	0.0	36.0	0.0				0.0	0.0	
19	0.0	0.0	4.0	0.0	0.0	0.0	0.0				37.0	0.0	
20	0.0	0.0	0.0	44.0	0.0	0.0	0.0				0.0	0.0	
21	0.0	0.0	0.0	26.0	9.0	0.0	0.0				0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	
23	11.0	0.0	0.0	0.0	0.0	1.0	0.0				0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0				8.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	1.0	0.0				18.0	0.0	
26	20.0	0.0	0.0	0.0	49.0	0.0	0.0				15.0	0.0	
27	0.0	1.0	0.0	21.0	0.0	0.0	0.0				0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0				0.0	0.0	
30	30.0		0.0	0.0	0.0	16.0	0.0				3.0	0.0	
31	26.0		0.0		0.0		0.0					0.0	
Total	194.0	112.0	143.0	160.0	83.0	206.0	1.0				152.0	96.0	Anual
Días LI.	10	6	8	8	5	12	1				15	2	

Estación : LA RENTA
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 47 ' N
Longitud : 75 ° 47 ' W
Altitud : 1190 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	
2	3.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	3.0	
3	0.0	1.0	14.0	20.0	5.0	39.0	0.0	1.0	0.0	0.0	0.0	0.0	
4	10.0	5.0	24.0	4.0	26.0	9.0	0.0	0.0	0.0	7.0	16.0	0.0	
5	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	14.0	0.0	
6	0.0	0.0	0.0	26.0	0.0	61.0	0.0	0.0	1.0	0.0	10.0	0.0	
7	0.0	0.0	0.0	0.0	6.0	8.0	0.0	0.0	31.0	0.0	5.0	0.0	
8	0.0	6.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	28.0	0.0	
9	23.0	29.0	21.0	2.0	0.0	6.0	0.0	0.0	0.0	0.0	3.0	0.0	
10	7.0	2.0	3.0	2.0	14.0	6.0	11.0	0.0	0.0	0.0	10.0	0.0	
11	2.0	0.0	27.0	0.0	0.0	16.0	0.0	0.0	0.0	13.0	12.0	0.0	
12	26.0	0.0	25.0	0.0	4.0	0.0	0.0	0.0	0.0	6.0	8.0	0.0	
13	0.0	0.0	4.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
14	0.0	0.0	0.0	0.0	3.0	0.0	0.0	7.0	0.0	0.0	3.0	15.0	
15	0.0	0.0	0.0	0.0	0.0	2.0	0.0	11.0	0.0	0.0	0.0	0.0	
16	10.0	9.0	78.0	3.0	0.0	33.0	4.0	0.0	0.0	6.0	0.0	0.0	
17	46.0	2.0	9.0	3.0	0.0	9.0	0.0	1.0	0.0	3.0	21.0	0.0	
18	3.0	5.0	12.0	29.0	0.0	63.0	0.0	0.0	0.0	7.0	0.0	0.0	
19	4.0	0.0	1.0	22.0	0.0	0.0	0.0	4.0	14.0	0.0	16.0	0.0	
20	1.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	
21	0.0	0.0	0.0	2.0	15.0	0.0	0.0	0.0	16.0	29.0	0.0	0.0	
22	16.0	0.0	0.0	23.0	5.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
23	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	3.0	0.0	
24	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	0.0	1.0	0.0	
25	18.0	0.0	0.0	0.0	9.0	6.0	0.0	0.0	4.0	0.0	27.0	0.0	
26	7.0	0.0	0.0	23.0	25.0	2.0	0.0	0.0	2.0	0.0	2.0	0.0	
27	8.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	4.0	0.0	15.0	0.0	0.0	2.0	14.0	0.0	0.0	
29	3.0		0.0	0.0	0.0	6.0	1.0	0.0	0.0	2.0	0.0	0.0	
30	8.0		0.0	1.0	2.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	31.0		14.0		0.0		0.0	2.0		25.0		6.0	
Total	233.0	59.0	240.0	175.0	115.0	291.0	16.0	26.0	153.0	168.0	183.0	35.0	Anual 1694.0
Días LI.	20	8	14	17	12	17	3	6	12	12	17	4	

Estación : HIROSHIMA
Año : 1997

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 46 ' N
Longitud : 75 ° 44 ' W
Altitud : 1340 m

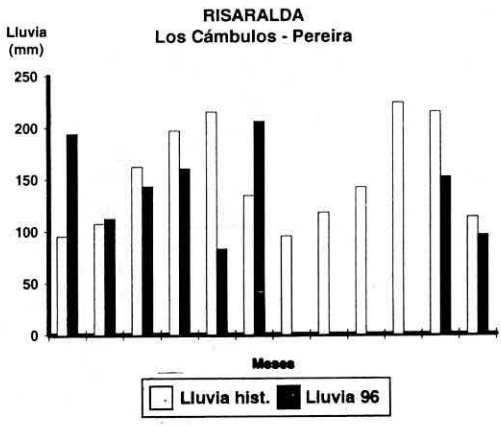
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	1.1	0.0	10.6	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	2.2	
2	3.5	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	33.1	0.0	0.0	
3	4.1	10.7	1.1	15.5	5.1	0.0	0.0	0.0	0.0	0.0	1.2	0.0	
4	0.0	0.0	30.1	3.2	1.1	1.5	0.0	0.0	0.0	0.0	4.1	0.0	
5	0.0	1.6	0.0	10.6	0.0	3.3	0.0	0.0	40.1	0.0	6.5	0.0	
6	0.0	4.9	0.0	2.5	0.0	8.5	0.0	0.0	5.1	0.0	25.1	0.0	
7	0.0	0.0	0.0	0.0	3.1	10.1	0.0	0.0	0.0	0.0	30.8	.5	
8	0.0	10.3	0.0	2.3	0.0	3.1	0.0	0.0	0.0	0.0	3.5	0.0	
9	45.3	1.5	20.1	3.1	1.2	7.4	0.0	0.0	0.0	0.0	5.1	0.0	
10	6.6	1.2	0.0	9.8	31.4	10.1	7.5	0.0	0.0	0.0	15.9	0.0	
11	9.8	6.7	19.2	0.0	1.1	3.2	0.0	0.0	0.0	1.6	19.1	0.0	
12	30.3	0.0	37.1	0.0	1.3	0.0	0.0	0.0	0.0	2.2	19.7	0.0	
13	3.3	0.0	0.0	1.3	2.1	0.0	0.0	0.0	0.0	7.3	2.1	0.0	
14	23.1	0.0	0.0	5.2	0.0	0.0	0.0	22.8	0.0	9.1	11.8	0.0	
15	5.2	9.7	1.2	3.3	0.0	3.9	0.0	1.0	0.0	2.2	0.0	19.7	
16	20.1	26.6	1.8	4.1	0.0	17.8	7.1	0.0	0.0	3.1	5.1	4.7	
17	30.3	0.0	4.1	5.3	0.0	5.7	0.0	8.8	0.0	0.0	0.0	0.0	
18	5.5	0.0	2.8	3.7	0.0	30.2	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	1.1	28.6	0.0	10.1	0.0	0.0	40.0	0.0	3.5	0.0	
20	19.3	0.0	0.0	18.1	0.0	0.0	0.0	0.0	0.0	22.5	0.0	0.0	
21	16.9	0.0	0.0	21.5	0.0	0.0	0.0	0.0	0.0	45.2	0.0	0.0	
22	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3	3.1	0.0	0.0	
23	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	3.5	0.0	0.0	0.0	
25	40.8	0.0	0.0	4.1	15.5	0.0	0.0	0.0	0.0	0.0	22.5	0.0	
26	6.7	0.0	0.0	20.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	30.8	0.0	0.0	0.0	3.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0	
28	20.8	0.0	0.0	2.1	0.0	10.5	0.0	0.0	3.2	0.0	0.0	0.0	
29	19.7		0.0	1.1	0.0	8.6	0.0	0.0	0.0	0.0	0.0	11.8	
30	7.7		0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	8.3	2.9	
31	50.3		17.8		0.0		4.6	9.9		0.0		0.0	
Total	412.2	73.2	153.9	165.8	73.8	145.8	24.5	42.5	112.4	129.4	184.3	41.8	Anual 1559.6
Días LI.	24	9	13	20	12	17	4	4	7	10	16	6	

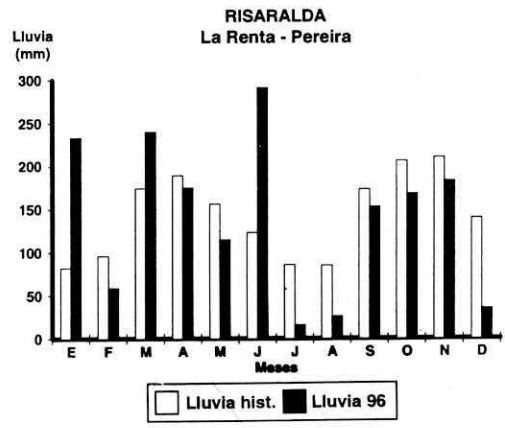
Estación : EL SILENCIO
Año : 1997

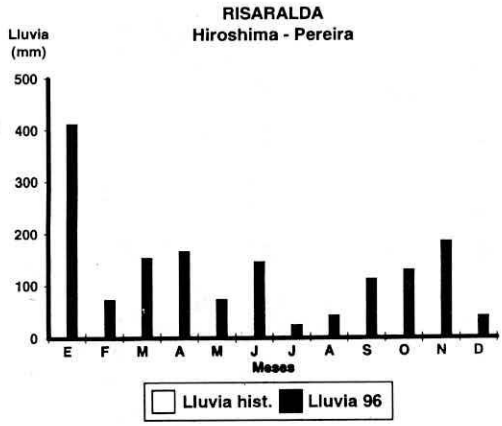
Dpto. : SANTANDER
Mpio. : RIONEGRO

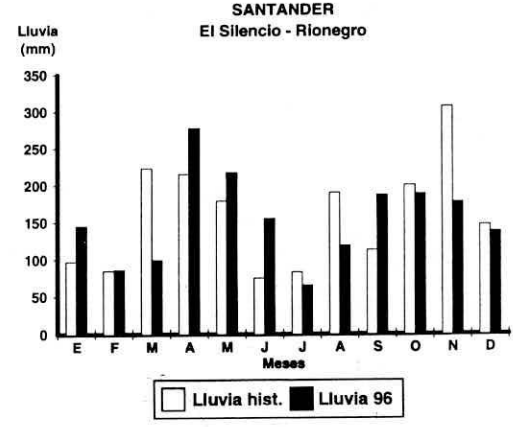
Latitud : 7 ° 24 ' N
Longitud : 73 ° 13 ' W
Altitud : 1120 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	13.0	0.0	0.0	
2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	10.0	0.0	12.0	0.0	61.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	52.0	23.0	0.0	0.0	0.0	2.0	0.0	0.0	
6	0.0	0.0	0.0	2.0	0.0	0.0	0.0	16.5	7.0	3.0	9.0	0.0	
7	6.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	12.1	0.0	1.0	0.0	
8	0.0	12.0	0.0	2.0	3.0	4.0	0.0	0.0	0.0	1.0	15.0	2.0	
9	2.0	0.0	0.0	12.0	1.0	0.0	3.0	3.0	0.0	30.0	37.0	0.0	
10	42.0	40.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	16.0	27.0	0.0	
11	45.0	13.0	0.0	12.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	
13	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0	7.0	0.0	
14	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	15.0	6.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	7.0	4.0	0.0	0.0	1.0	34.0	
16	20.0	5.0	28.0	45.0	0.0	0.0	10.5	0.0	0.0	7.0	0.0	1.0	
17	0.0	0.0	12.0	0.0	0.0	0.0	2.0	0.0	5.0	1.0	14.0	0.0	
18	0.0	0.0	18.0	61.0	0.0	0.0	3.0	0.0	0.0	6.0	0.0	17.0	
19	0.0	0.0	16.0	10.0	0.0	0.0	2.0	54.0	23.0	0.0	14.0	0.0	
20	0.0	0.0	0.0	18.0	0.0	0.0	1.0	0.0	11.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	6.0	47.0	0.0	23.0	0.0	27.0	16.0	0.0	0.0	
22	0.0	0.0	0.0	3.0	23.0	0.0	0.0	11.0	7.0	1.0	0.0	0.0	
23	8.0	0.0	0.0	12.0	0.0	0.0	0.0	26.0	38.0	0.0	0.0	0.0	
24	3.0	5.0	0.0	11.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	36.0	52.0	11.0	0.0	0.0	3.0	0.0	0.0	0.0	
26	0.0	0.0	5.0	0.0	8.0	19.0	0.0	1.0	1.5	0.0	12.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	8.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	57.0	
30	4.0		0.0	0.0	0.0	0.0	0.0	0.0	24.0	6.0	25.0	7.0	
31	6.0		20.0		14.0		8.0	0.0		18.0		0.0	
Total	145.0	86.0	99.0	277.0	217.0	155.0	65.5	118.5	186.6	188.0	177.0	138.0	Anual 1852.6
Días LI.	12	7	6	15	10	9	10	8	14	15	12	8	


RISARALDA
Los Cámbulos - Pereira
Lluvia (mm)
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


RISARALDA
La Renta - Pereira
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


RISARALDA
Hiroshima - Pereira
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


SANTANDER
El Silencio - Rionegro
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : COCAL
Año : 1997

Dpto. : SANTANDER
Mpio. : RIONEGRO

Latitud : 7 ° 16 ' N
Longitud : 73 ° 9 ' W
Altitud : 700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	10.0	0.0	0.0	41.0	0.0	0.0	0.0	52.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	46.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
5	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
7	17.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	2.0	40.0	0.0
8	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	7.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	4.0	0.0
10	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	5.0	20.0	6.0	20.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
15	0.0	0.0	1.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	2.0	0.0
17	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0
19	0.0	0.0	0.0	20.0	0.0	0.0	17.0	0.0	0.0	3.0	0.0	0.0
20	0.0	0.0	0.0	0.0	20.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	10.0	4.0	18.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0
22	30.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
24	12.0	0.0	0.0	72.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	10.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	20.0	0.0	7.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	15.0	0.0	30.0	0.0	0.0	0.0	0.0	12.0
29	0.0		0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	21.0	46.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
Total	139.0	25.0	59.0	192.0	99.0	89.0	103.0	82.0	156.0	56.0	85.0	117.0
Días Ll.	7	3	6	6	7	5	5	2	8	5	6	5

Anual 1202.0

Estación : LOS COCOS
Año : 1997

Dpto. : SANTANDER
Mpio. : RIONEGRO

Latitud : 7 ° 14 ' N
Longitud : 73 ° 7 ' W
Altitud : 1300 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	22.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	29.0	6.0	0.0	0.0
2	0.0	3.0	0.0	0.0	0.0	0.0	20.0	30.0	0.0	0.0	0.0	0.0
3	3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	18.0	4.0	0.0	1.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	15.0	40.0	5.0	0.0	0.0	14.0	0.0	0.0	0.0
6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	30.0	0.0
7	4.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	30.0	0.0	3.0	0.0
8	34.0	19.0	0.0	4.0	3.0	2.0	0.0	0.0	28.0	10.0	28.0	0.0
9	29.0	0.0	0.0	3.0	9.0	0.0	0.0	4.0	0.0	10.0	4.0	0.0
10	15.0	1.0	0.0	0.0	0.0	13.0	0.0	3.0	0.0	12.0	10.0	0.0
11	6.0	9.0	0.0	2.0	6.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	5.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	4.0	0.0
14	0.0	0.0	0.0	0.0	12.0	0.0	0.0	4.0	5.0	0.0	5.0	35.0
15	1.0	0.0	3.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	2.0	20.0
16	7.0	6.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0
17	3.0	0.0	11.0	0.0	0.0	0.0	0.0	3.0	0.0	8.0	0.0	0.0
18	0.0	1.0	12.0	13.0	0.0	0.0	5.0	0.0	0.0	2.0	1.0	5.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	25.0	0.0	3.0	0.0
20	0.0	0.0	0.0	9.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	1.0	23.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
22	0.0	0.0	0.0	60.0	10.0	0.0	0.0	5.0	8.0	4.0	0.0	0.0
23	38.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	17.0	0.0	0.0	0.0
24	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
25	19.0	0.0	13.0	74.0	5.0	5.0	0.0	0.0	8.0	0.0	0.0	0.0
26	0.0	0.0	74.0	0.0	36.0	6.0	0.0	3.0	0.0	0.0	7.0	0.0
27	0.0	0.0	14.0	0.0	0.0	0.0	0.0	3.0	2.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	5.0	0.0	4.0	0.0	0.0	0.0	1.0	10.0
29	2.0		0.0	0.0	18.0	0.0	10.0	0.0	1.0	0.0	0.0	21.0
30	0.0		1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	14.0
31	4.0		0.0		0.0		0.0	0.0		3.0		0.0
Total	207.0	50.0	144.0	237.0	167.0	86.0	49.0	75.0	171.0	93.0	178.0	105.0
Días Ll.	16	9	9	12	11	10	5	10	13	11	13	6

Anual 1562.0

Estación : CEYLAN
Año : 1997

Dpto. : SANTANDER
Mpio. : BUCARAMANGA

Latitud : 7 ° 11 ' N
Longitud : 73 ° 7 ' W
Altitud : 1300 m

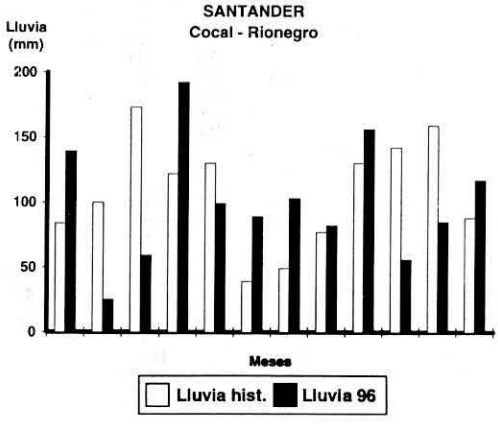
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	56.0	0.0	0.0	49.0	0.0	0.0	0.0	0.0	11.0	3.0	0.0	0.0	
2	0.0	17.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	5.0	0.0	0.0	
3	4.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	34.0	51.0	9.0	0.0	0.0	47.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	0.0	
7	7.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	16.0	0.0	9.0	0.0	
8	31.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	
9	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	11.0	0.0	
10	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
11	10.0	9.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	7.0	0.0	4.0	0.0	10.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.0	
15	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
17	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	
18	0.0	8.0	6.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	5.0	0.0	0.0	17.0	17.0	0.0	2.0	0.0	13.0	0.0	
20	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	2.0	0.0	0.0	
22	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	5.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	
25	0.0	0.0	10.0	52.0	7.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
26	0.0	0.0	72.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	10.0	0.0	0.0	23.0	28.0	6.0	4.0	0.0	0.0	11.0	
28	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
29	0.0		0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	9.0	5.0	0.0	0.0	0.0	35.0	0.0	
31	0.0		0.0				0.0	12.0		0.0		0.0	
Total	222.0	34.0	137.0	195.0	81.0	68.0	50.0	38.0	139.0	46.0	121.0	114.0	Anual 1245.0
Días Ll.	11	3	6	9	4	6	3	5	10	7	6	4	

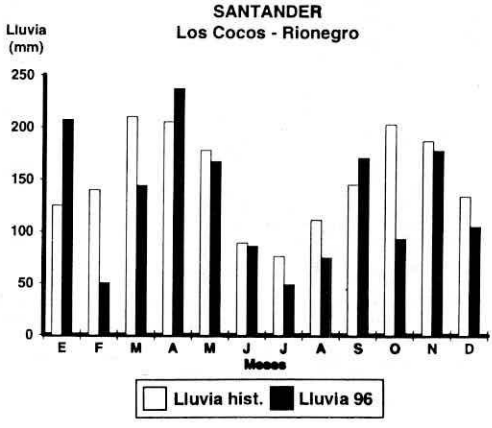
Estación : MIPORAL
Año : 1997

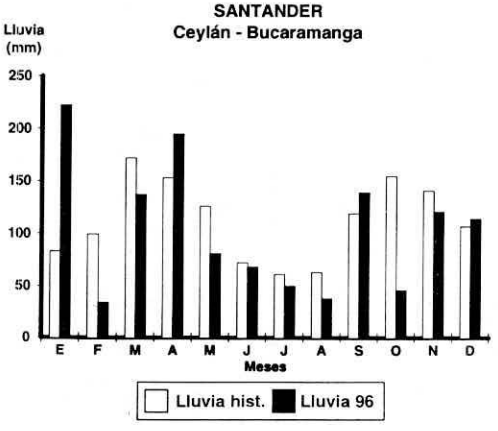
Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

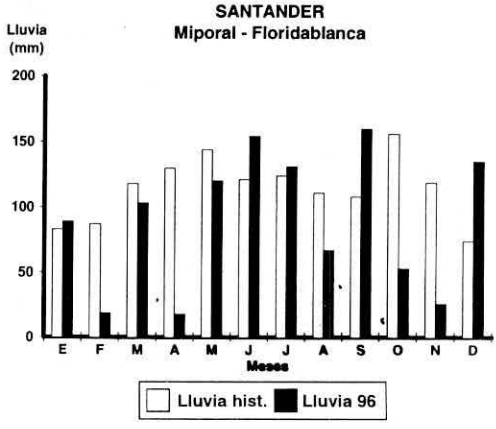
Latitud : 7 ° 5 ' N
Longitud : 73 ° 4 ' W
Altitud : 1200 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	3.0	21.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	40.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	8.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	20.0	0.0	
7	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	10.0	0.0	0.0	7.0	0.0	12.0	6.0	0.0	
10	50.0	19.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	49.0	0.0	0.0	0.0	6.0	0.0	0.0	
14	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	
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	15.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	24.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	30.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	10.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	10.0	25.0	0.0	0.0	7.0	0.0	0.0	0.0	
25	0.0	0.0	12.0	0.0	8.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	10.0	0.0	32.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	24.0	
28	11.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	
30	4.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		4.0	0.0		0.0		0.0	
Total	89.0	19.0	103.0	18.0	120.0	154.0	131.0	67.0	160.0	53.0	26.0	135.0	Anual 1075.0
Días Ll.	6	1	5	1	8	6	6	5	10	5	2	5	


SANTANDER
Cocal - Rionegro
Lluvia (mm)
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


SANTANDER
Los Cocos - Rionegro
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


SANTANDER
Ceylán - Bucaramanga
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


SANTANDER
Miporal - Floridablanca
Lluvia (mm)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : BONANZA
Año : 1997

Dpto. : SANTANDER
Mpio. : GIRON

Latitud : 7 ° 5 ' N
Longitud : 73 ° 17 ' W
Altitud : 1250 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	10.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	2.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	10.0	0.0	12.0	0.0	11.0	17.0	0.0	0.0	
5	0.0	0.0	0.0	45.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	
7	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	9.0	0.0	
8	24.0	0.0	0.0	0.0	20.0	13.0	0.0	0.0	0.0	0.0	5.0	0.0	
9	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	0.0	0.0	
12	10.0	0.0	4.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	3.0	7.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	
15	8.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	15.0	0.0	28.0	0.0	
16	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
17	6.0	0.0	0.0	5.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	19.0	0.0	
20	0.0	0.0	0.0	15.0	40.0	0.0	8.0	0.0	5.0	0.0	21.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	7.0	0.0	0.0	0.0	0.0	14.0	0.0	40.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	40.0	25.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	24.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	17.0	14.0	8.0	0.0	0.0	7.0	30.0	15.0	0.0	
26	0.0	0.0	44.0	0.0	8.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	15.0	0.0	0.0	12.0	0.0	0.0	5.0	60.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
29	0.0		15.0	0.0	37.0	17.0	0.0	0.0	0.0	2.0	65.0	8.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	30.0		0.0		0.0	
													Anual
Total	85.0	20.0	102.0	161.0	210.0	141.0	28.0	101.0	143.0	109.0	179.0	93.0	1372.0
Días Ll.	8	5	6	7	10	11	3	4	9	4	8	3	

Estación : CASA DE TEJA
Año : 1997

Dpto. : SANTANDER
Mpio. : SAN VICENTE DE CHUCU

Latitud : 6 ° 55 ' N
Longitud : 73 ° 27 ' W
Altitud : 960 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	16.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0					
2	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0					
3	0.0	6.0	0.0	0.0	53.0	0.0	0.0	8.0					
4	0.0	8.0	0.0	12.0	2.0	0.0	3.0	0.0					
5	0.0	0.0	0.0	0.0	40.0	1.0	0.0	2.0					
6	0.0	0.0	0.0	25.0	8.0	0.0	48.0	28.0					
7	2.0	0.0	0.0	0.0	0.0	52.0	0.0	0.0					
8	8.0	0.0	0.0	129.0	7.0	0.0	0.0	0.0					
9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0					
10	12.0	0.0	0.0	5.0	0.0	8.0	5.0	0.0					
11	18.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0					
12	0.0	0.0	11.0	0.0	0.0	5.0	0.0	0.0					
13	24.0	0.0	0.0	1.0	0.0	0.0	0.0	35.0					
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
15	5.0	0.0	81.0	10.0	0.0	0.0	8.0	0.0					
16	21.0	25.0	0.0	2.0	0.0	0.0	0.0	0.0					
17	2.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0					
18	0.0	0.0	32.0	0.0	15.0	35.0	0.0	47.0					
19	0.0	0.0	6.0	5.0	0.0	0.0	7.0	0.0					
20	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0					
21	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0					
22	0.0	0.0	0.0	28.0	5.0	10.0	5.0	0.0					
23	0.0	0.0	0.0	15.0	0.0	0.0	0.0	18.0					
24	0.0	10.0	0.0	2.0	40.0	0.0	10.0	0.0					
25	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0					
26	0.0	7.0	47.0	0.0	22.0	0.0	6.0	0.0					
27	0.0	0.0	135.0	10.0	0.0	29.0	0.0	0.0					
28	0.0	0.0	13.0	2.0	1.0	0.0	0.0	0.0					
29	0.0		0.0	0.0	6.0	0.0	12.0	5.0					
30	0.0		0.0	0.0	0.0	10.0	0.0	12.0					
31	5.0		0.0		0.0		15.0						
													Anual
Total	123.0	62.0	334.0	277.0	203.0	154.0	199.0	159.0					
Días Ll.	11	6	8	15	12	9	11	9					

Estación : SANTA RITA
Año : 1997

Dpto. : SANTANDER
Mpio. : SAN GIL

Latitud : 6 ° 35 ' N
Longitud : 73 ° 8 ' W
Altitud : 1600 m

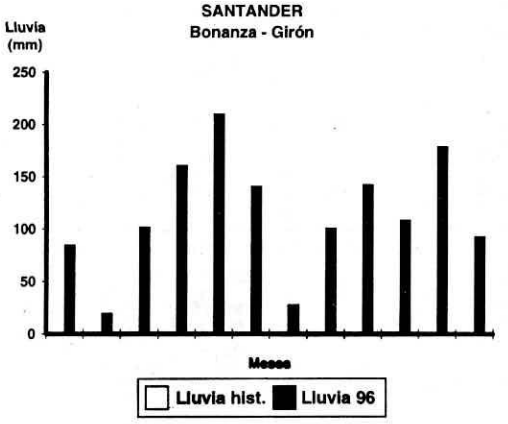
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	2.0	0.0	0.0	0.0	0.0	0.0	12.0	7.0	0.0	0.0	0.0	
2	0.0	2.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	11.0	0.0	0.0	
3	0.0	9.0	5.0	5.0	0.0	4.0	0.0	8.0	0.0	0.0	7.0	0.0	
4	0.0	0.0	0.0	0.0	40.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	6.0	2.0	0.0	0.0	13.0	15.0	0.0	21.0	0.0	
6	0.0	1.0	0.0	0.0	0.0	0.0	9.0	0.0	2.0	0.0	25.0	0.0	
7	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	24.0	0.0	
8	0.0	10.0	0.0	1.0	0.0	3.0	15.0	8.0	10.0	10.0	16.0	5.0	
9	0.0	34.0	0.0	0.0	13.0	4.0	0.0	0.0	0.0	17.0	14.0	0.0	
10	0.0	9.0	0.0	12.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	
11	0.0	2.0	1.0	6.0	12.0	0.0	11.0	0.0	0.0	5.0	0.0	0.0	
12	0.0	0.0	4.0	0.0	0.0	47.0	0.0	0.0	0.0	13.0	0.0	0.0	
13	0.0	0.0	0.0	5.0	13.0	0.0	0.0	8.0	5.0	0.0	0.0	0.0	
14	11.0	5.0	3.0	0.0	8.0	0.0	3.0	11.0	0.0	0.0	0.0	0.0	
15	2.0	19.0	0.0	6.0	4.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
16	0.0	0.0	2.0	12.0	0.0	0.0	6.0	6.0	0.0	13.0	10.0	0.0	
17	4.0	0.0	64.0	2.0	0.0	8.0	0.0	5.0	4.0	0.0	5.0	0.0	
18	0.0	0.0	6.0	0.0	0.0	11.0	0.0	10.0	5.0	3.0	0.0	0.0	
19	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	19.0	13.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	2.0	0.0	6.0	9.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	6.0	2.0	5.0	21.0	4.0	4.0	0.0	0.0	
24	0.0	0.0	0.0	29.0	10.0	15.0	0.0	0.0	39.0	0.0	0.0	0.0	
25	0.0	5.0	0.0	14.0	28.0	0.0	18.0	0.0	0.0	4.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	2.0	0.0	0.0	11.0	0.0	7.0	0.0	4.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	6.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	7.0	14.0	0.0	16.0	0.0	23.0	0.0	5.0	0.0	
31	0.0		0.0		0.0		0.0	13.0		3.0		0.0	
Total	17.0	104.0	85.0	159.0	180.0	145.0	92.0	121.0	181.0	83.0	131.0	5.0	Anual 1303.0
Días LI.	3	13	7	15	14	12	10	12	17	10	10	1	

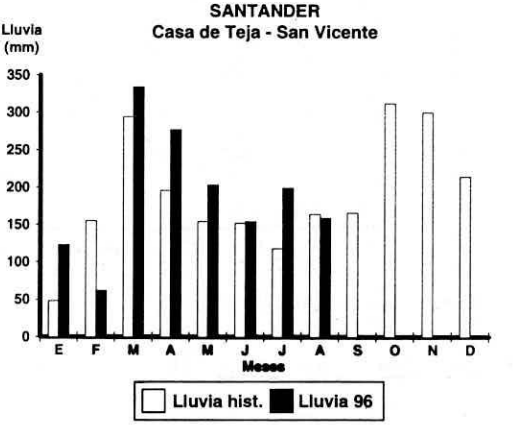
Estación : CUCHICUTE
Año : 1997

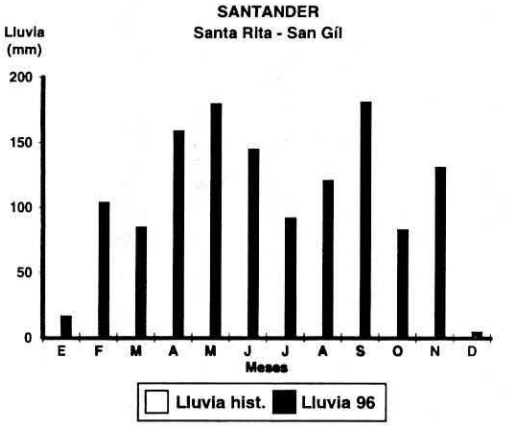
Dpto. : SANTANDER
Mpio. : CURITI

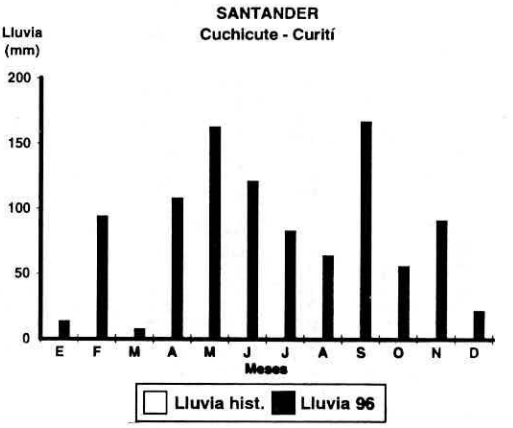
Latitud : 6 ° 34 ' N
Longitud : 73 ° 4 ' W
Altitud : 1600 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	23.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	4.0	0.0	2.0	0.0	0.0	0.0	12.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	1.0	0.0	7.0	8.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	15.0	0.0	
7	2.0	3.0	0.0	0.0	23.0	34.0	0.0	0.0	2.0	0.0	38.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	5.0	26.0	0.0	
9	0.0	12.0	0.0	6.0	5.0	0.0	0.0	10.0	4.0	0.0	0.0	0.0	
10	0.0	25.0	3.0	0.0	3.0	0.0	0.0	2.0	0.0	10.0	0.0	0.0	
11	4.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	3.0	0.0	0.0	
13	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	8.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
17	0.0	38.0	2.0	3.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	5.0	4.0	0.0	0.0	
19	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	10.0	5.0	0.0	0.0	17.0	4.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	25.0	8.0	0.0	0.0	5.0	11.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	15.0	51.0	0.0	0.0	0.0	6.0	0.0	0.0	
25	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	2.0	2.0	5.0	3.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	6.0	0.0	17.0	0.0	10.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	39.0	0.0	17.0	0.0	12.0	0.0	0.0	0.0	
31	0.0		0.0		3.0		6.0	5.0		0.0		0.0	
Total	14.0	94.0	8.0	108.0	163.0	121.0	83.0	64.0	167.0	56.0	91.0	22.0	Anual 991.0
Días LI.	3	6	3	12	15	6	9	7	14	7	4	1	


SANTANDER
Bonanza - Girón
Lluvia (mm)
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


SANTANDER
Casa de Teja - San Vicente
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


SANTANDER
Santa Rita - San Gil
Lluvia (mm)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


SANTANDER
Cuchicute - Curití
Lluvia (mm)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : CHOCHOS
Año : 1997

Dpto. : SANTANDER
Mpio. : HATO

Latitud : 6 ° 33 ' N
Longitud : 73 ° 19 ' W
Altitud : 1400 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	5.0	1.0	0.0	0.0	2.0	0.0	1.0	7.0	3.0	35.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	7.0	24.0	0.0	0.0	
3	1.0	2.0	0.0	16.0	1.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	39.0	0.0	4.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	55.0	14.0	0.0	0.0	18.0	0.0	0.0	0.0	
6	0.0	1.0	0.0	16.0	8.0	0.0	0.0	2.0	25.0	0.0	11.0	0.0	
7	23.0	0.0	0.0	1.0	0.0	5.0	14.0	0.0	19.0	0.0	24.0	0.0	
8	0.0	10.0	0.0	1.0	11.0	6.0	4.0	1.0	0.0	16.0	20.0	2.0	
9	7.0	10.0	4.0	23.0	0.0	0.0	0.0	1.0	24.0	25.0	20.0	0.0	
10	7.0	12.0	37.0	50.0	3.0	0.0	3.0	3.0	0.0	15.0	0.0	0.0	
11	0.0	24.0	0.0	1.0	0.0	0.0	2.0	33.0	8.0	10.0	2.0	0.0	
12	0.0	3.0	3.0	7.0	33.0	0.0	0.0	0.0	3.0	10.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	6.0	34.0	0.0	0.0	0.0	27.0	35.0	0.0	
14	0.0	0.0	0.0	23.0	11.0	1.0	10.0	3.0	5.0	6.0	12.0	0.0	
15	20.0	0.0	5.0	22.0	53.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
16	2.0	22.0	1.0	15.0	10.0	0.0	5.0	1.0	0.0	0.0	7.0	0.0	
17	0.0	0.0	13.0	14.0	0.0	0.0	0.0	0.0	17.0	0.0	27.0	0.0	
18	0.0	0.0	14.0	0.0	0.0	1.0	0.0	5.0	0.0	12.0	5.0	0.0	
19	0.0	4.0	0.0	4.0	0.0	0.0	0.0	29.0	0.0	0.0	20.0	0.0	
20	0.0	0.0	0.0	22.0	0.0	10.0	0.0	0.0	39.0	0.0	0.0	0.0	
21	0.0	4.0	0.0	41.0	7.0	0.0	0.0	12.0	13.0	22.0	0.0	0.0	
22	0.0	1.0	0.0	41.0	7.0	0.0	0.0	0.0	55.0	0.0	0.0	0.0	
23	0.0	2.0	0.0	0.0	0.0	0.0	0.0	5.0	40.0	0.0	0.0	0.0	
24	1.0	0.0	0.0	23.0	38.0	2.0	0.0	18.0	5.0	0.0	0.0	0.0	
25	10.0	0.0	1.0	4.0	1.0	7.0	0.0	0.0	6.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	24.0	41.0	7.0	16.0	77.0	0.0	0.0	39.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
28	0.0	65.0	0.0	0.0	0.0	7.0	5.0	0.0	0.0	31.0	0.0	0.0	
29	3.0		1.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	8.0	0.0	
31	0.0		0.0		0.0		4.0	8.0		17.0		0.0	
Total	79.0	200.0	79.0	352.0	287.0	112.0	67.0	304.0	316.0	250.0	231.0	2.0	Anual 2279.0
Días LI.	10	15	9	20	16	12	12	17	18	13	14	1	

Estación : LA LAGUNA
Año : 1997

Dpto. : SANTANDER
Mpio. : PARAMO

Latitud : 6 ° 30 ' N
Longitud : 73 ° 9 ' W
Altitud : 1550 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	3.0	0.0	0.0	8.0	5.0	0.0	10.0	5.0	9.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	12.0	4.0	0.0	8.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	5.0	0.0	10.0	0.0	3.0	10.0	0.0	
4	0.0	0.0	0.0	0.0	30.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	5.0	0.0	0.0	0.0	0.0	0.0	12.0	15.0	0.0	10.0	0.0	
6	0.0	0.0	0.0	2.0	0.0	0.0	7.0	0.0	12.0	0.0	70.0	0.0	
7	0.0	0.0	0.0	10.0	12.0	3.0	5.0	0.0	8.0	15.0	25.0	0.0	
8	0.0	0.0	0.0	15.0	10.0	5.0	20.0	10.0	0.0	3.0	12.0	0.0	
9	5.0	14.0	0.0	2.0	0.0	3.0	0.0	2.0	0.0	15.0	0.0	0.0	
10	10.0	10.0	0.0	0.0	12.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
11	0.0	3.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	5.0	55.0	0.0	6.0	0.0	15.0	0.0	0.0	
13	0.0	3.0	0.0	0.0	3.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	
14	12.0	5.0	3.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
15	3.0	18.0	2.0	15.0	5.0	0.0	0.0	5.0	0.0	0.0	3.0	0.0	
16	0.0	0.0	28.0	9.0	0.0	0.0	0.0	3.0	0.0	10.0	12.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	10.0	0.0	12.0	10.0	5.0	0.0	0.0	
18	0.0	0.0	0.0	10.0	0.0	25.0	0.0	7.0	5.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	28.0	0.0	5.0	0.0	3.0	0.0	10.0	3.0	0.0	
20	0.0	0.0	0.0	15.0	27.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	5.0	3.0	0.0	0.0	6.0	20.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	5.0	10.0	0.0	0.0	18.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	12.0	12.0	0.0	0.0	10.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	5.0	0.0	5.0	0.0	50.0	0.0	0.0	0.0	
25	0.0	0.0	6.0	0.0	20.0	0.0	20.0	0.0	5.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	3.0	0.0	0.0	0.0	
27	0.0	3.0	0.0	0.0	15.0	0.0	5.0	0.0	0.0	3.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	3.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	18.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	15.0	0.0	30.0	0.0	0.0	0.0	
31	0.0		0.0		10.0		12.0	10.0		0.0		0.0	
Total	30.0	64.0	39.0	111.0	207.0	156.0	111.0	132.0	218.0	100.0	163.0	0.0	Anual 1331.0
Días LI.	4	9	4	10	19	13	10	16	17	11	9	0	

Estación : LAS FLORES
Año : 1997

Dpto. : SANTANDER
Mpio. : PINCHOTE

Latitud : 6 ° 29 ' N
Longitud : 73 ° 11 ' W
Altitud : 1700 m

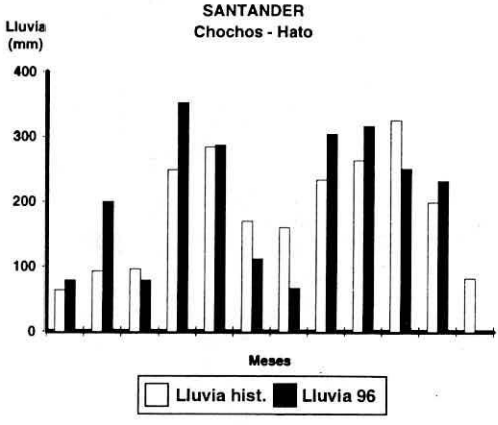
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	25.0	0.0	0.0	
2	4.0	3.0	0.0	0.0	0.0	2.0	0.0	25.0	10.0	18.0	0.0	0.0	
3	0.0	2.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	6.0	0.0	6.0	0.0	2.0	0.0	6.0	0.0	7.0	12.0	0.0	
5	0.0	0.0	0.0	0.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	7.0	4.0	0.0	0.0	4.0	15.0	2.0	12.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	3.0	14.0	0.0	0.0	0.0	43.0	0.0	
8	0.0	3.0	0.0	0.0	25.0	0.0	4.0	0.0	2.0	15.0	17.0	3.0	
9	0.0	20.0	0.0	12.0	15.0	0.0	27.0	2.0	13.0	3.0	10.0	0.0	
10	3.0	58.0	0.0	0.0	6.0	0.0	2.0	0.0	0.0	20.0	0.0	0.0	
11	3.0	10.0	0.0	0.0	3.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
12	0.0	2.0	2.0	6.0	12.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	
13	0.0	0.0	2.0	2.0	10.0	35.0	0.0	0.0	0.0	15.0	0.0	0.0	
14	10.0	0.0	0.0	0.0	10.0	0.0	0.0	15.0	0.0	8.0	3.0	0.0	
15	2.0	0.0	2.0	0.0	0.0	0.0	6.0	2.0	0.0	5.0	3.0	0.0	
16	0.0	30.0	5.0	10.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	
17	0.0	0.0	20.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
18	0.0	0.0	21.0	1.0	0.0	4.0	0.0	11.0	2.0	3.0	20.0	0.0	
19	0.0	0.0	1.0	15.0	0.0	12.0	0.0	12.0	2.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	13.0	28.0	0.0	0.0	15.0	7.0	4.0	0.0	0.0	
22	0.0	1.0	0.0	0.0	4.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	11.0	0.0	15.0	6.0	2.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	8.0	0.0	12.0	0.0	4.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	6.0	0.0	4.0	0.0	0.0	47.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	12.0	15.0	6.0	13.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	3.0	0.0	0.0	
28	0.0	13.0	0.0	0.0	5.0	0.0	4.0	0.0	3.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	2.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	
30	0.0		0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
31	0.0		0.0		2.0		7.0	2.0		7.0		0.0	
													Anual
Total	22.0	148.0	53.0	120.0	251.0	89.0	89.0	114.0	187.0	150.0	144.0	3.0	1370.0
Días LI.	5	11	7	13	18	10	9	12	18	16	11	1	

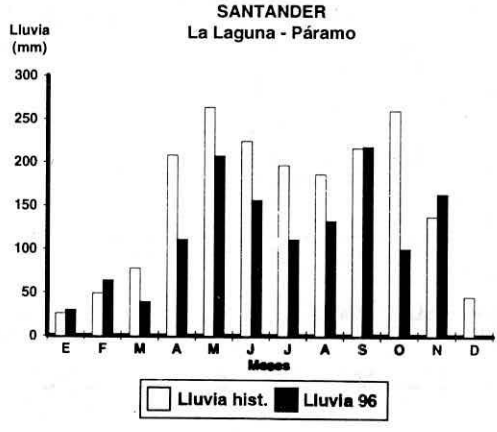
Estación : LA CHAPOLA
Año : 1997

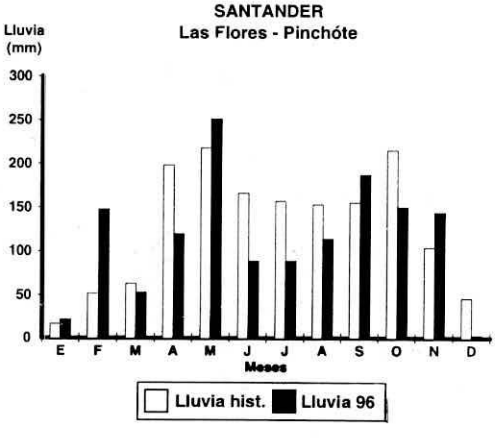
Dpto. : SANTANDER
Mpio. : SOCORRO

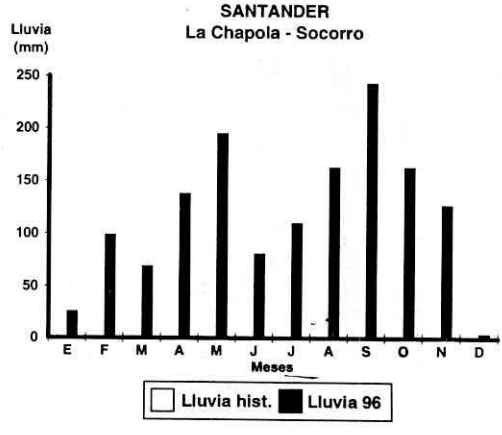
Latitud : 6 ° 28 ' N
Longitud : 73 ° 12 ' W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	1.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	11.0	35.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	6.0	13.0	0.0	0.0	
3	0.0	4.0	0.0	0.0	10.0	15.0	0.0	0.0	0.0	2.0	0.0	0.0	
4	0.0	5.0	0.0	5.0	0.0	0.0	0.0	4.0	0.0	0.0	9.0	0.0	
5	0.0	0.0	0.0	0.0	60.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	20.0	8.0	0.0	3.0	5.0	32.0	0.0	10.0	0.0	
7	0.0	0.0	0.0	1.0	0.0	2.0	24.0	0.0	0.0	0.0	44.0	0.0	
8	0.0	2.0	0.0	13.0	3.0	0.0	5.0	3.0	1.0	19.0	6.0	4.0	
9	1.0	10.0	0.0	3.0	1.0	0.0	20.0	2.0	24.0	3.0	8.0	0.0	
10	2.0	36.0	0.0	2.0	0.0	0.0	8.0	2.0	0.0	20.0	0.0	0.0	
11	5.0	7.0	2.0	0.0	14.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
12	0.0	2.0	3.0	2.0	15.0	0.0	0.0	0.0	9.0	16.0	0.0	0.0	
13	0.0	0.0	3.0	3.0	5.0	19.0	0.0	30.0	3.0	25.0	8.0	0.0	
14	12.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
15	5.0	0.0	1.0	0.0	2.0	0.0	7.0	10.0	0.0	0.0	0.0	0.0	
16	0.0	14.0	2.0	7.0	2.0	0.0	0.0	0.0	0.0	4.0	22.0	0.0	
17	0.0	0.0	19.0	0.0	0.0	0.0	3.0	20.0	4.0	0.0	0.0	0.0	
18	0.0	0.0	39.0	0.0	0.0	5.0	0.0	7.0	5.0	3.0	8.0	0.0	
19	0.0	0.0	0.0	20.0	0.0	3.0	1.0	0.0	5.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	29.0	14.0	0.0	0.0	29.0	40.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	19.0	3.0	0.0	0.0	5.0	9.0	2.0	0.0	0.0	
22	0.0	1.0	0.0	5.0	3.0	0.0	1.0	10.0	41.0	0.0	0.0	0.0	
23	0.0	8.0	0.0	0.0	0.0	2.0	0.0	0.0	12.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	7.0	2.0	1.0	0.0	2.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	4.0	0.0	6.0	0.0	0.0	24.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	5.0	25.0	11.0	5.0	2.0	2.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.0	0.0	0.0	
28	0.0	10.0	0.0	0.0	4.0	0.0	7.0	0.0	3.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	3.0	0.0	1.0	0.0	2.0	0.0	
30	0.0		0.0	0.0	0.0	1.0	11.0	0.0	4.0	0.0	10.0	0.0	
31	0.0		0.0		5.0		11.0	0.0		20.0		0.0	
													Anual
Total	26.0	99.0	69.0	138.0	195.0	81.0	110.0	163.0	243.0	163.0	127.0	4.0	1418.0
Días LI.	6	11	7	15	19	11	15	15	22	13	10	1	


SANTANDER
Chochos - Hato
Lluvia (mm)
400
300
200
100
0
Meses
Lluvia hist.
Lluvia 96


SANTANDER
La Laguna - Páramo
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


SANTANDER
Las Flores - Pinchóte
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


SANTANDER
La Chapola - Socorro
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : LA PLAZUELA
Año : 1997

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 6 ° 28 ' N
Longitud : 73 ° 13 ' W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	2.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	7.0	11.0	0.0	6.0	
2	0.0	3.0	0.0	0.0	0.0	0.0	0.0	21.0	7.0	1.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	8.0	75.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	8.0	0.0	5.0	0.0	6.0	0.0	0.0	0.0	0.0	3.0	0.0	
5	0.0	0.0	0.0	0.0	30.0	21.0	0.0	0.0	6.0	0.0	0.0	0.0	
6	0.0	2.0	0.0	6.0	6.0	0.0	2.0	4.0	0.0	9.0	10.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	4.0	19.0	0.0	0.0	5.0	23.0	0.0	
8	0.0	0.0	0.0	4.0	4.0	0.0	5.0	3.0	2.0	9.0	3.0	3.0	
9	3.0	28.0	5.0	5.0	0.0	0.0	14.0	1.0	4.0	0.0	5.0	0.0	
10	3.0	33.0	2.0	11.0	4.0	1.0	6.0	2.0	1.0	0.0	0.0	0.0	
11	5.0	7.0	6.0	0.0	6.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	
12	1.0	5.0	0.0	0.0	8.0	2.0	0.0	0.0	4.0	14.0	0.0	0.0	
13	0.0	0.0	5.0	0.0	3.0	16.0	0.0	0.0	0.0	21.0	0.0	0.0	
14	19.0	0.0	0.0	0.0	3.0	0.0	0.0	15.0	4.0	0.0	0.0	0.0	
15	0.0	0.0	2.0	0.0	1.0	0.0	9.0	0.0	0.0	0.0	15.0	0.0	
16	0.0	39.0	3.0	6.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	49.0	0.0	0.0	0.0	4.0	0.0	4.0	0.0	0.0	0.0	
18	0.0	4.0	26.0	2.0	0.0	3.0	0.0	17.0	5.0	0.0	15.0	0.0	
19	0.0	0.0	0.0	18.0	0.0	0.0	2.0	10.0	5.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	26.0	0.0	11.0	0.0	0.0	18.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	9.0	27.0	0.0	0.0	19.0	5.0	0.0	0.0	0.0	
22	0.0	2.0	0.0	5.0	2.0	2.0	0.0	0.0	28.0	0.0	0.0	0.0	
23	0.0	3.0	0.0	0.0	0.0	0.0	0.0	7.0	13.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	2.0	6.0	15.0	0.0	0.0	22.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	2.0	31.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
28	0.0	27.0	0.0	0.0	4.0	3.0	7.0	0.0	3.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	6.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	6.0	0.0	25.0	0.0	10.0	0.0	
31	0.0		0.0		11.0		4.0	0.0		13.0		0.0	
													Anual
Total	33.0	161.0	98.0	110.0	160.0	159.0	86.0	109.0	168.0	83.0	90.0	9.0	1266.0
Días LI.	6	12	8	15	18	12	13	12	19	8	9	2	

Estación : EL MESON
Año : 1997

Dpto. : SANTANDER
Mpio. : VALLE SAN JOSE

Latitud : 6 ° 25 ' N
Longitud : 73 ° 9 ' W
Altitud : 1330 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	5.0	0.0	0.0	5.0	0.0			10.0	25.0	0.0	0.0	
2	0.0	10.0	0.0	0.0	1.0	4.0			4.0	10.0	0.0	1.0	
3	0.0	3.0	0.0	0.0	38.0	16.0			0.0	1.0	19.0	0.0	
4	0.0	17.0	0.0	14.0	3.0	1.0			0.0	0.0	6.0	0.0	
5	0.0	0.0	0.0	0.0	53.0	16.0			1.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	6.0	11.0	0.0			48.0	0.0	13.0	0.0	
7	0.0	8.0	0.0	0.0	0.0	5.0			1.0	11.0	28.0	0.0	
8	0.0	8.0	0.0	3.0	6.0	1.0			4.0	5.0	8.0	4.0	
9	0.0	4.0	0.0	2.0	4.0	7.0			10.0	5.0	15.0	0.0	
10	2.0	4.0	10.0	18.0	5.0	0.0			0.0	10.0	1.0	0.0	
11	0.0	16.0	3.0	7.0	0.0	3.0			3.0	0.0	0.0	0.0	
12	0.0	3.0	3.0	3.0	10.0	1.0			0.0	19.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	6.0	35.0			6.0	25.0	0.0	0.0	
14	7.0	7.0	0.0	0.0	4.0	0.0			4.0	0.0	0.0	0.0	
15	10.0	10.0	0.0	0.0	4.0	5.0			0.0	2.0	0.0	0.0	
16	0.0	1.0	3.0	0.0	5.0	0.0			1.0	10.0	4.0	0.0	
17	0.0	0.0	46.0	0.0	1.0	0.0			3.0	10.0	1.0	0.0	
18	0.0	0.0	5.0	1.0	0.0	4.0			2.0	0.0	0.0	0.0	
19	0.0	0.0	29.0	14.0	0.0	2.0			22.0	9.0	0.0	0.0	
20	0.0	0.0	0.0	21.0	64.0	0.0			0.0	0.0	1.0	0.0	
21	0.0	0.0	0.0	21.0	2.0	1.0			24.0	3.0	0.0	0.0	
22	0.0	0.0	0.0	6.0	5.0	0.0			30.0	2.0	0.0	0.0	
23	0.0	1.0	0.0	16.0	4.0	0.0			20.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	10.0	4.0	4.0			3.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	40.0	5.0	10.0			30.0	0.0	1.0	0.0	
26	0.0	0.0	0.0	34.0	11.0	8.0			30.0	0.0	0.0	0.0	
27	0.0	0.0	1.0	0.0	0.0	0.0			12.0	1.0	0.0	0.0	
28	0.0	17.0	0.0	0.0	12.0	0.0			0.0	1.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0			0.0	0.0	5.0	0.0	
30	0.0		0.0	0.0	6.0	0.0			0.0	0.0	18.0	0.0	
31	0.0		0.0		3.0					16.0		0.0	
													Anual
Total	19.0	114.0	100.0	216.0	272.0	123.0			268.0	165.0	120.0	5.0	
Días LI.	3	15	8	16	25	17			21	18	13	2	

Estación : VILLANUEVA
Año : 1997

Dpto. : SANTANDER
Mpio. : CHARALA

Latitud : 6 ° 14 ' N
Longitud : 73 ° 10 ' W
Altitud : 1350 m

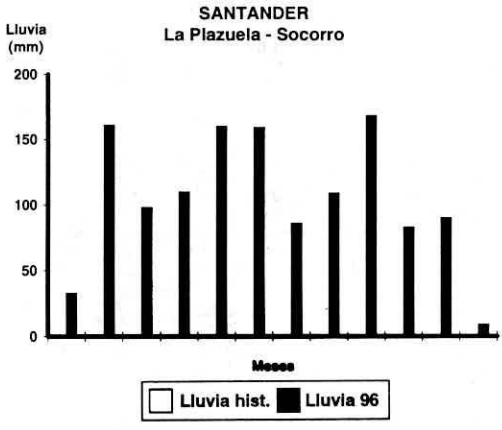
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	10.0	0.0	0.0	36.0	2.0	0.0	8.0	8.0	0.0	12.0	0.0	0.0	
2	0.0	4.0	8.0	0.0	4.0	2.0	0.0	0.0	0.0	48.0	2.0	0.0	
3	2.0	12.0	0.0	12.0	0.0	0.0	0.0	0.0	2.0	8.0	0.0	0.0	
4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	12.0	4.0	0.0	45.0	0.0	
5	0.0	18.0	0.0	0.0	10.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	2.0	4.0	12.0	0.0	42.0	12.0	0.0	21.0	4.0	
7	8.0	0.0	0.0	6.0	0.0	0.0	4.0	0.0	6.0	0.0	48.0	0.0	
8	2.0	4.0	2.0	0.0	52.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
9	0.0	22.0	0.0	4.0	8.0	14.0	0.0	0.0	2.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	2.0	2.0	10.0	0.0	0.0	0.0	4.0	18.0	8.0	
11	6.0	2.0	0.0	2.0	0.0	2.0	8.0	0.0	2.0	1.0	0.0	0.0	
12	4.0	0.0	22.0	0.0	6.0	0.0	2.0	0.0	0.0	0.0	2.0	82.0	
13	0.0	8.0	0.0	0.0	4.0	18.0	0.0	0.0	0.0	3.0	0.0	0.0	
14	0.0	0.0	0.0	4.0	0.0	2.0	0.0	18.0	0.0	2.0	12.0	0.0	
15	50.0	2.0	2.0	0.0	0.0	8.0	0.0	0.0	8.0	0.0	0.0	0.0	
16	0.0	0.0	12.0	12.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	
17	0.0	4.0	2.0	2.0	6.0	0.0	6.0	0.0	0.0	2.0	92.0	4.0	
18	2.0	0.0	0.0	0.0	2.0	0.0	0.0	22.0	4.0	15.0	5.0	0.0	
19	8.0	2.0	0.0	50.0	10.0	0.0	2.0	0.0	8.0	10.0	0.0	0.0	
20	16.0	0.0	0.0	8.0	2.0	12.0	0.0	0.0	2.0	5.0	0.0	8.0	
21	0.0	28.0	0.0	12.0	54.0	4.0	0.0	0.0	100.0	0.0	12.0	0.0	
22	0.0	12.0	8.0	4.0	8.0	10.0	0.0	6.0	80.0	2.0	0.0	0.0	
23	0.0	2.0	12.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
24	4.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	2.0	
25	0.0	0.0	0.0	2.0	2.0	2.0	0.0	0.0	52.0	0.0	18.0	0.0	
26	0.0	0.0	4.0	8.0	10.0	8.0	0.0	2.0	86.0	3.0	2.0	0.0	
27	2.0	0.0	10.0	2.0	2.0	0.0	0.0	0.0	12.0	0.0	0.0	12.0	
28	16.0	0.0	0.0	4.0	4.0	16.0	0.0	0.0	8.0	0.0	0.0	0.0	
29	0.0		2.0	2.0	2.0	6.0	4.0	4.0	0.0	0.0	4.0	0.0	
30	2.0		6.0	2.0	0.0	0.0	0.0	0.0	4.0	50.0	0.0	2.0	
31	0.0		48.0		6.0		0.0	40.0		0.0		4.0	
Total	132.0	130.0	138.0	176.0	200.0	134.0	34.0	154.0	408.0	169.0	283.0	126.0	Anual 2084.0
Días LI.	14	15	13	20	21	16	7	9	20	15	14	9	

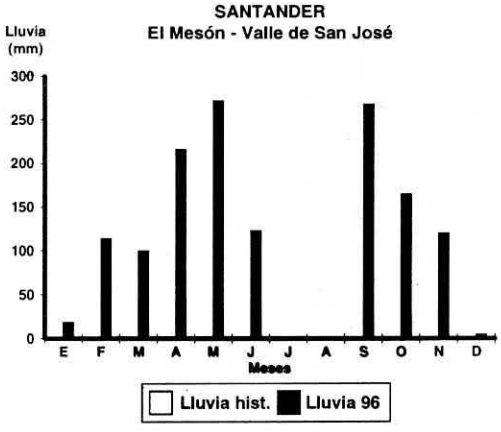
Estación : CIELO ROTO
Año : 1997

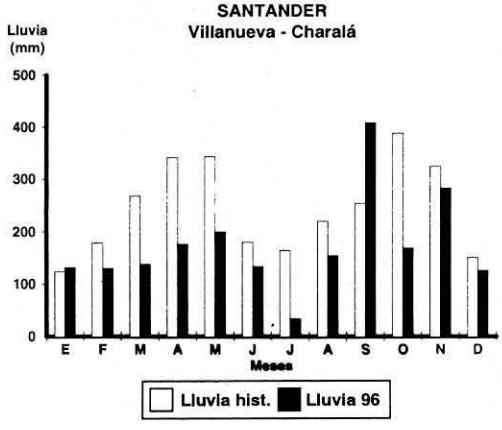
Dpto. : SANTANDER
Mpio. : SUAITA

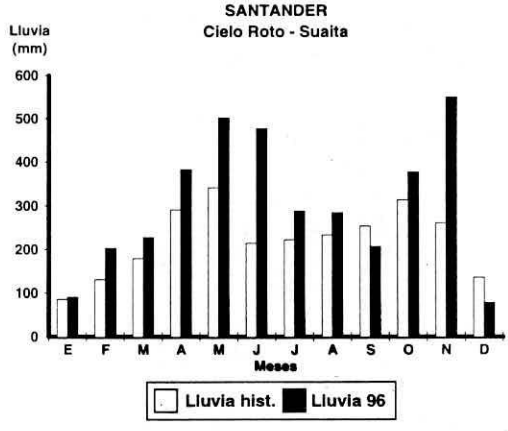
Latitud : 6 ° 7 ' N
Longitud : 73 ° 23 ' W
Altitud : 1540 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	4.0	0.0	0.0	0.0	20.0	20.0	10.0	0.0	18.0	5.0	30.0	15.0	
2	0.0	5.0	0.0	0.0	10.0	15.0	10.0	0.0	30.0	15.0	50.0	0.0	
3	0.0	0.0	0.0	0.0	14.0	0.0	30.0	10.0	10.0	0.0	34.0	0.0	
4	0.0	0.0	0.0	50.0	40.0	60.0	35.0	10.0	1.0	4.0	51.0	0.0	
5	0.0	0.0	0.0	1.0	2.0	6.0	64.0	0.0	0.0	10.0	10.0	0.0	
6	0.0	0.0	0.0	0.0	3.0	30.0	20.0	0.0	0.0	15.0	15.0	5.0	
7	0.0	0.0	0.0	39.0	11.0	0.0	24.0	0.0	0.0	0.0	6.0	0.0	
8	0.0	10.0	0.0	0.0	58.0	0.0	15.0	0.0	0.0	0.0	20.0	10.0	
9	9.0	1.0	29.0	57.0	0.0	0.0	0.0	30.0	0.0	8.0	30.0	0.0	
10	6.0	42.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	7.0	20.0	0.0	
11	9.0	9.0	6.0	0.0	57.0	0.0	1.0	40.0	0.0	20.0	10.0	0.0	
12	10.0	18.0	0.0	20.0	50.0	40.0	1.0	5.0	1.0	0.0	8.0	0.0	
13	0.0	2.0	0.0	40.0	6.0	0.0	3.0	0.0	5.0	40.0	15.0	0.0	
14	0.0	40.0	0.0	2.0	20.0	34.0	5.0	0.0	0.0	10.0	20.0	0.0	
15	0.0	20.0	48.0	3.0	20.0	0.0	10.0	2.0	17.0	5.0	5.0	0.0	
16	10.0	3.0	25.0	5.0	3.0	20.0	0.0	30.0	0.0	15.0	15.0	0.0	
17	0.0	0.0	19.0	58.0	1.0	30.0	5.0	10.0	5.0	0.0	10.0	15.0	
18	0.0	10.0	0.0	19.0	0.0	0.0	10.0	40.0	10.0	18.0	15.0	0.0	
19	0.0	0.0	0.0	44.0	24.0	0.0	0.0	3.0	0.0	5.0	0.0	0.0	
20	0.0	2.0	0.0	10.0	5.0	0.0	0.0	0.0	10.0	60.0	0.0	0.0	
21	0.0	0.0	0.0	20.0	45.0	30.0	10.0	15.0	20.0	15.0	0.0	0.0	
22	6.0	0.0	0.0	0.0	5.0	0.0	0.0	24.0	18.0	20.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
24	0.0	11.0	4.0	0.0	10.0	0.0	0.0	0.0	5.0	8.0	10.0	0.0	
25	0.0	0.0	75.0	0.0	30.0	30.0	0.0	0.0	15.0	2.0	20.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	24.0	40.0	0.0	
27	13.0	30.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	1.0	0.0	0.0	
28	0.0	0.0	0.0	1.0	3.0	0.0	20.0	5.0	7.0	9.0	0.0	0.0	
29	0.0		0.0	3.0	40.0	30.0	0.0	30.0	20.0	0.0	105.0	3.0	
30	19.0		0.0	10.0	20.0	80.0	0.0	0.0	10.0	50.0	10.0	10.0	
31	5.0		21.0		0.0		10.0	25.0		5.0		20.0	
Total	91.0	203.0	227.0	382.0	502.0	477.0	288.0	284.0	207.0	376.0	549.0	78.0	Anual 3564.0
Días LI.	10	14	8	17	25	15	19	16	18	25	23	7	


SANTANDER
La Plazuela - Socorro
Lluvia (mm)
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


SANTANDER
El Mesón - Valle de San José
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


SANTANDER
Villanueva - Charalá
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


SANTANDER
Cielo Roto - Suaita
Lluvia (mm)
600
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : LA CUMBRE
Año : 1997

Dpto. : SANTANDER
Mpio. : PUENTE NACIONAL

Latitud : 5 ° 52 ' N
Longitud : 73 ° 42 ' W
Altitud : 1850 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	32.0	0.0	0.0	3.0	0.0	5.0	14.0	2.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	22.0	7.0	0.0	8.0	7.0	18.0	0.0	
3	3.0	5.0	0.0	0.0	11.0	20.0	10.0	0.0	0.0	0.0	33.0	0.0	
4	25.0	0.0	0.0	8.0	7.0	0.0	0.0	4.0	0.0	0.0	0.0	3.0	
5	0.0	0.0	0.0	0.0	10.0	13.0	2.0	1.0	5.0	0.0	23.0	0.0	
6	0.0	22.0	0.0	0.0	9.0	0.0	3.0	0.0	0.0	0.0	17.0	0.0	
7	0.0	42.0	0.0	3.0	21.0	6.0	7.0	31.0	0.0	0.0	30.0	7.0	
8	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	15.0	0.0	5.0	0.0	
9	15.0	15.0	0.0	0.0	5.0	0.0	0.0	0.0	7.0	7.0	33.0	0.0	
10	0.0	12.0	0.0	2.0	6.0	0.0	0.0	0.0	0.0	64.0	36.0	0.0	
11	2.0	4.0	20.0	10.0	3.0	0.0	0.0	0.0	0.0	2.0	1.0	0.0	
12	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
13	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	2.0	0.0	
14	0.0	0.0	0.0	0.0	4.5	3.0	10.0	0.0	0.0	4.0	5.0	0.0	
15	3.0	48.0	0.0	4.0	18.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	
17	0.0	8.0	13.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	3.0	0.0	
18	0.0	0.0	0.0	25.0	1.0	15.0	0.0	0.0	2.0	7.0	7.0	0.0	
19	0.0	0.0	0.0	6.0	0.0	10.0	2.0	0.0	13.0	0.0	0.0	0.0	
20	0.0	0.0	5.0	30.0	17.0	0.0	0.0	0.0	0.0	2.0	9.0	0.0	
21	0.0	0.0	0.0	19.0	2.0	0.0	0.0	0.0	33.0	0.0	35.0	0.0	
22	0.0	0.0	0.0	4.0	31.0	0.0	0.0	17.0	5.0	11.0	0.0	0.0	
23	0.0	0.0	0.0	8.0	5.0	0.0	0.0	0.0	38.0	0.0	0.0	5.0	
24	10.0	15.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	14.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	10.0	6.0	0.0	5.0	8.0	0.0	0.0	2.0	
27	0.0	0.0	3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	5.0	4.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	11.0		0.0		0.0	
Total	58.0	189.0	41.0	151.0	172.5	129.0	44.0	74.0	147.0	176.0	259.0	17.0	Anual 1457.5
Días LI.	6	11	4	12	18	13	8	7	13	14	16	4	

Estación : LA CIMARRONA
Año : 1997

Dpto. : TOLIMA
Mpio. : FRESNO

Latitud : 5 ° 10 ' N
Longitud : 75 ° 0 ' W
Altitud : 1400 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0	0.0	5.0	
2	0.0	0.0	0.0	0.0	9.0	0.0	5.0	0.0	0.0	0.0	0.0	20.0	
3	0.0	10.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0	
5	0.0	50.0	0.0	90.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	
6	0.0	40.0	0.0	0.0	0.0	45.0	0.0	0.0	10.0	0.0	35.0	0.0	
7	15.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	60.0	0.0	18.0	0.0	
8	9.0	0.0	30.0	35.0	0.0	0.0	0.0	0.0	55.0	0.0	55.0	0.0	
9	8.0	35.0	25.0	0.0	0.0	0.0	0.0	0.0	35.0	15.0	9.0	0.0	
10	0.0	0.0	10.0	40.0	70.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	20.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	90.0	0.0	20.0	0.0	0.0	0.0	0.0	7.0	10.0	0.0	
13	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	
15	20.0	35.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	7.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
17	0.0	25.0	5.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	40.0	
18	0.0	0.0	0.0	30.0	0.0	4.0	0.0	0.0	0.0	34.0	0.0	0.0	
19	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	5.0	0.0	
20	10.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	40.0	5.0	12.0	0.0	
21	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	
22	9.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	85.0	5.0	0.0	0.0	
23	9.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	25.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	5.0	60.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
26	15.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	
28	10.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
29	5.0		19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	10.0		0.0		0.0		0.0	25.0		20.0		100.0	
Total	175.0	242.0	279.0	280.0	174.0	159.0	5.0	25.0	475.0	231.0	282.0	212.0	Anual 2539.0
Días LI.	14	12	10	10	7	4	1	1	10	9	11	6	

Estación : PALOCABILDO
Año : 1997

Dpto. : TOLIMA
Mpio. : FALAN

Latitud : 5 ° 8 ' N
Longitud : 74 ° 53 ' W
Altitud : 1500 m

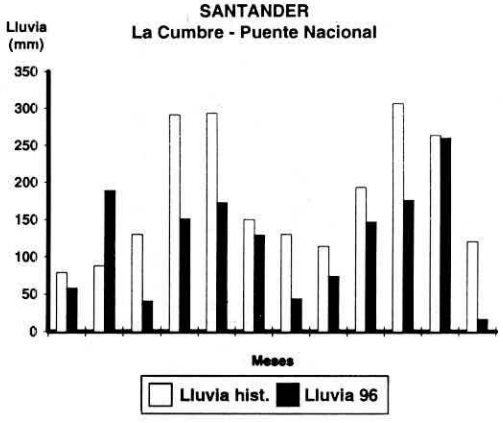
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	95.0	0.0	55.0	0.0	0.0	0.0	0.0	40.0	65.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	55.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	45.0	55.0	30.0	0.0	25.0	0.0	0.0	20.0	14.5	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	
6	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
7	0.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0	30.0	0.0	20.0	0.0	
8	0.0	0.0	0.0	5.0	0.0	30.0	0.0	0.0	90.0	0.0	20.0	0.0	
9	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	25.0	0.0	0.0	
10	10.0	0.0	5.0	0.0	45.0	0.0	0.0	0.0	0.0	20.0	10.0	0.0	
11	0.0	10.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	10.0	0.0	
12	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	15.0	
13	0.0	0.0	0.0	90.0	15.0	0.0	0.0	0.0	10.0	5.0	40.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	65.0	
15	40.0	50.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
16	0.0	0.0	20.0	10.0	10.0	20.0	0.0	0.0	0.0	45.0	80.0	0.0	
17	0.0	15.0	5.0	0.0	0.0	30.0	0.0	0.0	0.0	30.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	10.0	0.0	
21	45.0	20.0	0.0	10.0	0.0	0.0	0.0	0.0	90.0	0.0	0.0	0.0	
22	40.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	85.0	10.0	0.0	0.0	
23	0.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
24	70.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
25	0.0	0.0	15.0	15.0	70.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	
26	20.0	0.0	0.0	15.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
27	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	5.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
30	0.0		0.0	0.0	15.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
31	15.0		0.0		0.0		0.0	45.0		10.0		80.0	
													Anual
Total	270.0	325.0	165.0	295.0	200.0	135.0	40.0	50.0	580.0	324.5	240.0	160.0	2784.5
Días LI.	10	11	7	10	8	6	2	2	13	12	12	3	

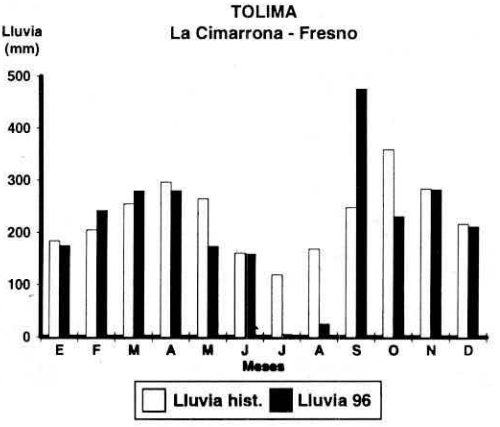
Estación : LA DANTA
Año : 1997

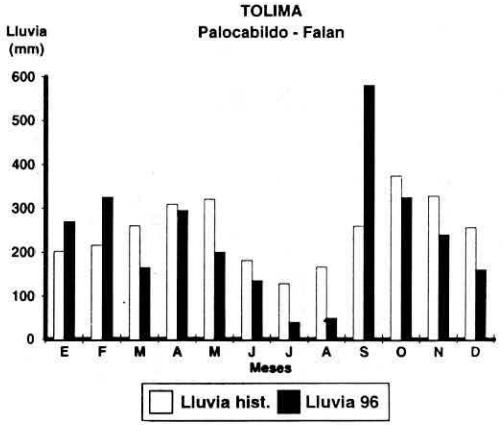
Dpto. : TOLIMA
Mpio. : CASABIANCA

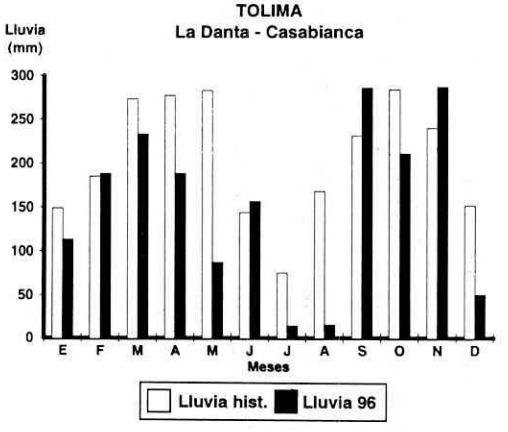
Latitud : 5 ° 6 ' N
Longitud : 75 ° 6 ' W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	5.0	10.0	0.0	0.0	5.0	0.0	9.0	10.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	10.0	
3	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
4	0.0	21.0	25.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	38.0	0.0	0.0	
6	0.0	0.0	0.0	5.0	0.0	5.0	0.0	0.0	50.0	0.0	17.0	0.0	
7	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	30.0	0.0	
8	0.0	16.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	
9	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	30.0	50.0	0.0	
10	3.0	0.0	50.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	19.0	20.0	0.0	
12	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	
14	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	25.0	0.0	
15	30.0	0.0	15.0	5.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
16	0.0	30.0	13.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	58.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	21.0	0.0	
18	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	10.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	50.0	10.0	25.0	0.0	
20	6.0	0.0	0.0	10.0	7.0	12.0	0.0	0.0	7.0	0.0	21.0	0.0	
21	0.0	0.0	5.0	20.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
27	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	30.0	5.0	0.0	0.0	
28	0.0	0.0	15.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	5.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
31	44.0		50.0		0.0		0.0	15.0		0.0		40.0	
													Anual
Total	113.0	188.0	233.0	188.0	87.0	156.0	14.0	15.0	286.0	211.0	287.0	50.0	1828.0
Días LI.	6	7	12	13	5	6	2	1	10	12	14	2	


SANTANDER
La Cumbre - Puente Nacional
Lluvia (mm)
350
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


TOLIMA
La Cimarrona - Fresno
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


TOLIMA
Palocabildo - Falan
Lluvia (mm)
600
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


TOLIMA
La Danta - Casabianca
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : EL EDEN
Año : 1997

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 58 ' N
Longitud : 75 ° 1 ' W
Altitud : 1350 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	26.0	0.0	58.0	0.0	0.0	0.0	0.0	49.0	9.0	0.0	0.0	
2	2.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
3	0.0	0.0	0.0	31.0	12.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	27.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	6.0	0.0	
6	0.0	14.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	40.0	0.0	
7	0.0	4.0	0.0	5.0	0.0	10.0	0.0	0.0	18.0	0.0	4.0	0.0	
8	0.0	0.0	3.0	62.0	3.0	0.0	0.0	0.0	12.0	0.0	8.0	0.0	
9	24.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	10.0	7.0	0.0	
10	5.0	0.0	0.0	11.0	69.0	45.0	0.0	0.0	0.0	0.0	0.0	4.0	
11	15.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	4.0	59.0	0.0	14.0	0.0	0.0	0.0	0.0	76.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	
14	0.0	0.0	0.0	5.0	14.0	0.0	0.0	0.0	0.0	0.0	11.0	12.0	
15	11.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
16	8.0	19.0	34.0	12.0	6.0	0.0	0.0	8.0	0.0	23.0	0.0	0.0	
17	0.0	0.0	15.0	98.0	0.0	0.0	0.0	0.0	0.0	3.0	47.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	2.0	8.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	6.0	0.0	
20	20.0	0.0	5.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	45.0	0.0	1.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	
22	8.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	65.0	0.0	0.0	0.0	
23	15.0	0.0	0.0	5.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	
24	93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	1.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	12.0	0.0	0.0	15.0	27.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
27	5.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	11.0	10.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	1.0		0.0	0.0	0.0	3.0	0.0	0.0	0.0	11.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	1.0	
31	15.0		0.0		0.0		1.0	21.0		31.0		63.0	
													Anual
Total	234.0	168.0	138.0	364.0	177.0	147.0	1.0	30.0	312.0	246.0	170.0	80.0	2067.0
Días Ll.	14	10	9	15	9	7	1	3	10	10	11	4	

Estación : EL INCIENSAL
Año : 1997

Dpto. : TOLIMA
Mpio. : MURILLO

Latitud : 4 ° 53 ' N
Longitud : 75 ° 8 ' W
Altitud : 2400 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	2.5	20.3	0.0	5.2	0.0	10.5	0.0	0.0	8.2	0.0	0.0	0.0	
2	4.2	0.0	12.2	0.0	0.0	0.0	0.0	0.0	.4	0.0	0.0	0.0	
3	0.0	25.2	0.0	0.0	27.8	0.0	0.0	0.0	0.0	0.0	3.2	0.0	
4	0.0	5.7	3.8	2.4	0.0	0.0	0.0	0.0	.7	13.5	0.0	0.0	
5	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	5.5	6.2	3.2	0.0	
6	1.5	6.2	0.0	6.7	0.0	1.2	0.0	0.0	4.7	0.0	25.3	0.0	
7	0.0	12.5	0.0	0.0	4.7	12.4	0.0	0.0	8.0	0.0	4.8	0.0	
8	0.0	2.0	0.0	35.7	0.0	0.0	0.0	0.0	7.2	0.0	4.2	0.0	
9	0.0	0.0	0.0	22.3	0.0	4.5	0.0	1.6	9.1	7.3	22.5	0.0	
10	8.2	10.0	0.0	43.2	57.3	11.4	0.0	0.0	0.0	0.0	2.2	0.0	
11	0.0	6.4	0.0	0.0	0.0	19.2	0.0	0.0	0.0	0.0	1.0	1.2	
12	9.4	9.2	52.5	0.0	43.1	0.0	0.0	0.0	0.0	10.3	2.3	0.0	
13	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	13.0	4.3	0.0	
14	0.0	0.0	0.0	2.2	5.3	0.0	0.0	0.0	0.0	7.8	13.2	2.0	
15	39.2	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	8.7	0.0	
16	4.5	1.5	15.4	0.0	17.2	0.0	0.0	0.0	0.0	23.5	0.0	0.0	
17	8.9	7.8	6.5	21.0	0.0	0.0	0.0	0.0	0.0	5.5	19.5	0.0	
18	0.0	0.0	7.4	5.0	0.0	19.6	0.0	0.0	0.0	14.2	2.5	0.0	
19	0.0	0.0	8.0	0.0	2.3	1.3	0.0	0.0	66.9	0.0	8.8	0.0	
20	0.0	0.0	10.0	16.0	0.0	0.0	0.0	0.0	6.3	4.5	9.5	0.0	
21	2.2	0.0	3.0	9.5	6.2	0.0	0.0	0.0	7.3	15.5	0.0	0.0	
22	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	40.2	0.0	0.0	0.0	
23	1.4	0.0	0.0	10.4	6.4	0.0	0.0	0.0	31.2	0.0	0.0	0.0	
24	8.2	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	10.5	0.0	2.5	10.5	6.9	0.0	0.0	0.0	13.5	0.0	0.0	0.0	
26	0.0	0.0	0.0	3.8	13.5	1.1	0.0	0.0	1.2	0.0	28.5	0.0	
27	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	15.3	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	26.5	0.0	0.0	0.0	0.0	0.0	0.0	
31	5.2		4.4		0.0		15.3	1.0		0.0		11.2	
													Anual
Total	123.6	146.8	125.7	213.1	202.6	107.7	26.4	2.6	210.4	127.5	163.7	14.4	1464.5
Días Ll.	15	12	11	17	13	10	2	2	15	12	17	3	

Estación : PLANES
Año : 1997

Dpto. : TOLIMA
Mpio. : LERIDA

Latitud : 4 ° 51 ' N
Longitud : 75 ° 0 ' W
Altitud : 1200 m

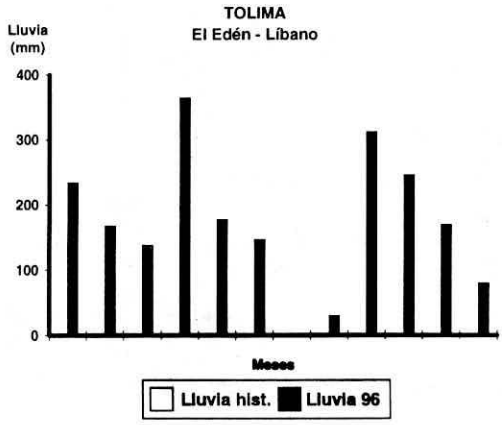
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	4.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	30.0	24.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0
5	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	5.0	0.0	32.0	15.0
6	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	30.0	0.0	3.0	0.0	0.0	0.0	0.0	22.0	0.0	10.0	0.0
8	0.0	0.0	0.0	45.0	0.0	15.0	0.0	0.0	5.0	0.0	10.0	0.0
9	0.0	5.0	0.0	10.0	52.0	0.0	0.0	0.0	20.0	0.0	11.0	0.0
10	0.0	0.0	0.0	5.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	14.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0
13	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	43.0	20.0
14	0.0	0.0	0.0	52.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0
15	0.0	12.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	8.0	23.0	0.0	35.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0
17	0.0	30.0	0.0	46.0	0.0	10.0	0.0	0.0	0.0	10.0	68.0	0.0
18	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	60.0	0.0	10.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
22	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	25.0
23	30.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	31.0	0.0	0.0	23.0	25.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
25	0.0	0.0	0.0	20.0	57.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		5.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
30	0.0		11.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0
31	18.0		0.0		0.0		17.0	0.0		0.0		50.0
Total	115.0	120.0	120.0	296.0	247.0	127.0	17.0	38.0	249.0	111.0	202.0	110.0
Anual	1752.0											
Días LI.	6	8	5	12	8	6	1	1	10	5	8	4

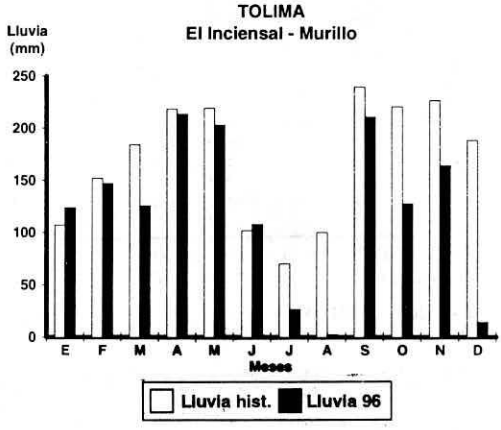
Estación : GUADUALITO
Año : 1997

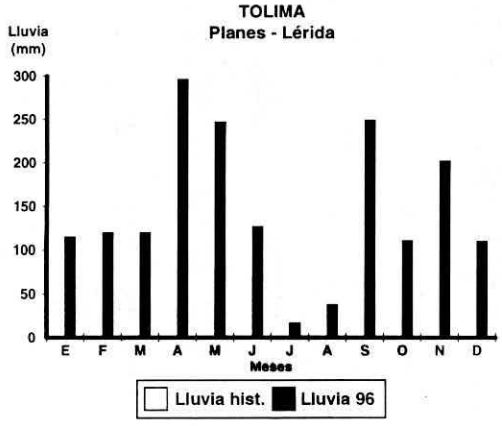
Dpto. : TOLIMA
Mpio. : SANTA ISABEL

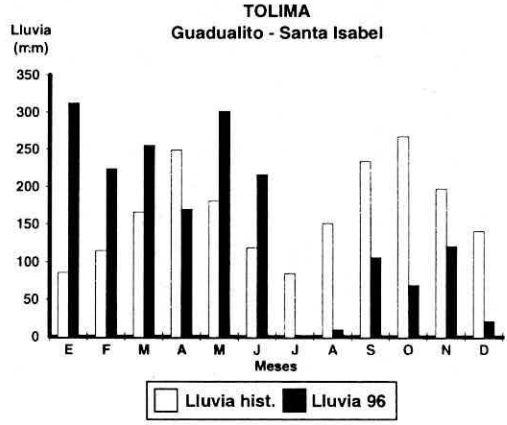
Latitud : 4 ° 42 ' N
Longitud : 75 ° 4 ' W
Altitud : 1620 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	26.0	11.0	0.0	0.0	10.0	0.0	0.0	2.0	0.0	10.0	0.0
2	0.0	9.0	20.0	3.0	0.0	0.0	0.0	0.0	6.0	0.0	5.0	3.0
3	0.0	3.0	0.0	0.0	40.0	0.0	0.0	0.0	4.0	0.0	0.0	6.0
4	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.0
5	0.0	12.0	0.0	0.0	0.0	8.0	0.0	0.0	1.0	6.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	2.0	0.0
7	0.0	8.0	0.0	29.0	0.0	2.0	0.0	0.0	6.0	0.0	6.0	0.0
8	29.0	9.0	0.0	22.0	0.0	3.0	0.0	0.0	9.0	0.0	0.0	0.0
9	10.0	30.0	0.0	11.0	0.0	9.0	0.0	0.0	30.0	15.0	0.0	0.0
10	0.0	20.0	10.0	40.0	0.0	150.0	0.0	0.0	2.0	8.0	1.0	0.0
11	0.0	10.0	6.0	6.0	20.0	16.0	0.0	0.0	0.0	2.0	2.0	0.0
12	0.0	0.0	9.0	11.0	40.0	14.0	0.0	0.0	0.0	20.0	4.0	0.0
13	0.0	0.0	18.0	15.0	20.0	3.0	0.0	0.0	0.0	2.0	15.0	0.0
14	67.0	0.0	15.0	10.0	12.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
15	2.0	21.0	30.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
16	20.0	24.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	10.0	22.0	60.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
18	0.0	2.0	40.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
19	20.0	0.0	2.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	12.0	0.0	4.0	4.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	34.0	0.0	8.0	2.0	9.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
22	12.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	11.0	0.0	2.0	0.0
23	10.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	14.0	0.0	8.0	0.0
24	16.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	1.0	0.0	20.0	0.0
25	17.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	3.0	0.0	10.0	0.0
26	15.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
27	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
28	2.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
29	1.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	0.0
30	2.0		10.0	0.0	0.0	0.0	2.0	0.0	0.0	4.0	2.0	10.0
31	25.0		2.0		0.0		0.0	10.0		0.0		0.0
Total	312.0	224.0	255.0	170.0	301.0	216.0	2.0	10.0	106.0	69.0	121.0	21.0
Anual	1807.0											
Días LI.	19	15	16	14	13	10	1	1	16	9	19	4


TOLIMA
El Edén - Líbano
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


TOLIMA
El Inciensal - Murillo
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


TOLIMA
Planes - Lérida
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


TOLIMA
Guadualito - Santa Isabel
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : TOTARITO
Año : 1997

Dpto. : TOLIMA
Mpio. : ALVARADO

Latitud : 4 ° 40 ' N
Longitud : 75 ° 1 ' W
Altitud : 1250 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	8.0	35.0	0.0	0.0
5	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	24.0	0.0	36.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	0.0	0.0	0.0
7	10.0	61.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	11.0	0.0	14.0	0.0	0.0	0.0	0.0	76.0	0.0
9	0.0	9.0	40.0	0.0	0.0	0.0	8.0	0.0	19.0	0.0	0.0	0.0
10	0.0	12.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	43.0	0.0	8.0
11	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	29.0	0.0	24.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	38.0	0.0	13.0	6.0	0.0	0.0	0.0	36.0	0.0
15	9.0	25.0	0.0	0.0	17.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0
16	0.0	30.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0
17	0.0	0.0	14.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	20.0	0.0	0.0	0.0	53.0	0.0	0.0	0.0	0.0	0.0	0.0
19	11.0	0.0	0.0	42.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	23.0	0.0	0.0	0.0
22	0.0	0.0	16.0	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	16.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0
24	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0
25	3.0	0.0	0.0	20.0	30.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	8.0	0.0	25.0	45.0	12.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		15.0	0.0	0.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		10.0		0.0		0.0	0.0		0.0		46.0
Total	51.0	157.0	188.0	191.0	186.0	290.0	14.0	38.0	153.0	136.0	213.0	54.0
Días LI.	7	6	10	7	7	8	2	1	6	5	5	2

Anual 1671.0

Estación : JANIYOF
Año : 1997

Dpto. : TOLIMA
Mpio. : ANZOATEGUI

Latitud : 4 ° 38 ' N
Longitud : 75 ° 6 ' W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	17.0	2.0	5.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0
2	0.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	6.0	4.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	15.0	0.0	25.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	17.0	0.0	2.0	0.0
6	2.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	2.0	0.0	10.0	0.0	2.0	0.0	0.0	10.0	0.0	2.0	2.0
8	3.0	5.0	0.0	3.0	6.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
9	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
10	21.0	3.0	0.0	9.0	0.0	109.0	0.0	0.0	0.0	5.0	0.0	0.0
11	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
12	0.0	3.0	28.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0
13	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	2.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	3.0	1.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
17	5.0	3.0	5.0	30.0	0.0	2.0	0.0	0.0	0.0	6.0	26.0	0.0
18	2.0	0.0	11.0	5.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	5.0
19	0.0	2.0	25.0	0.0	18.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
20	0.0	2.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	2.0	12.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
22	0.0	1.0	0.0	5.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0
23	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.0	0.0
24	5.0	0.0	5.0	2.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
25	0.0	5.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
27	4.0	0.0	3.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	6.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	2.0		0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
31	0.0		0.0		0.0		0.0	0.0		0.0		45.0
Total	88.0	51.0	117.0	84.0	159.0	138.0	0.0	0.0	43.0	38.0	45.0	63.0
Días LI.	17	18	11	11	11	6	0	0	7	6	8	6

Anual 826.0

Estación : LA MESETA
Año : 1997

Dpto. : TOLIMA
Mpio. : SAN ANTONIO

Latitud : 3 ° 55 ' N
Longitud : 75 ° 29 ' W
Altitud : 1600 m

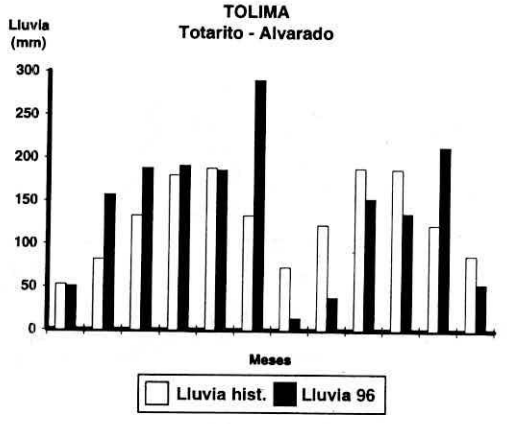
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	10.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	
2	4.0	12.0	0.0	0.0	4.0	4.0	0.0	0.0		0.0	10.0	0.0	
3	0.0	4.0	0.0	10.0	8.0	8.0	4.0	2.0		0.0	6.0	10.0	
4	8.0	0.0	0.0	20.0	6.0	2.0	2.0	0.0		0.0	4.0	2.0	
5	4.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	
6	10.0	20.0	4.0	8.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	
7	0.0	30.0	14.0	16.0	2.0	40.0	0.0	0.0		0.0	0.0	0.0	
8	16.0	0.0	0.0	4.0	0.0	0.0	6.0	0.0		0.0	40.0	0.0	
9	2.0	0.0	0.0	2.0	4.0	4.0	0.0	4.0		16.0	8.0	30.0	
10	4.0	0.0	2.0	0.0	0.0	20.0	0.0	0.0		6.0	0.0	6.0	
11	0.0	8.0	7.0	0.0	0.0	12.0	4.0	0.0		30.0	6.0	2.0	
12	6.0	40.0	0.0	40.0	0.0	2.0	0.0	0.0		0.0	0.0	0.0	
13	0.0	50.0	0.0	30.0	6.0	4.0	0.0	16.0		2.0	0.0	0.0	
14	0.0	4.0	0.0	14.0	10.0	0.0	0.0	0.0		4.0	0.0	0.0	
15	12.0	0.0	0.0	0.0	8.0	10.0	10.0	0.0		0.0	10.0	0.0	
16	20.0	6.0	0.0	0.0	6.0	0.0	0.0	2.0		10.0	20.0	40.0	
17	30.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0		4.0	60.0	14.0	
18	40.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0		60.0	0.0	4.0	
19	0.0	0.0	10.0	8.0	0.0	18.0	0.0	0.0		0.0	0.0	0.0	
20	0.0	0.0	0.0	2.0	4.0	0.0	12.0	4.0		0.0	40.0	0.0	
21	4.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0		8.0	14.0	0.0	
22	10.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0		4.0	18.0	0.0	
23	14.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	
24	0.0	0.0	0.0	2.0	0.0	6.0	2.0	0.0		0.0	0.0	0.0	
25	6.0	6.0	0.0	4.0	4.0	0.0	0.0	4.0		40.0	20.0	0.0	
26	40.0	0.0	10.0	16.0	0.0	0.0	0.0	0.0		0.0	4.0	0.0	
27	10.0	0.0	0.0	20.0	4.0	0.0	0.0	0.0		0.0	0.0	0.0	
28	0.0	10.0	2.0	0.0	0.0	4.0	0.0	0.0		6.0	20.0	0.0	
29	0.0		40.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	4.0	
30	0.0		46.0	0.0	6.0	0.0	0.0	0.0		0.0	0.0	2.0	
31	10.0		4.0		0.0		0.0	0.0		0.0		0.0	
													Anual
Total	260.0	208.0	151.0	210.0	92.0	142.0	40.0	32.0		190.0	280.0	114.0	
Días Ll.	20	14	12	17	14	14	7	6		12	15	10	

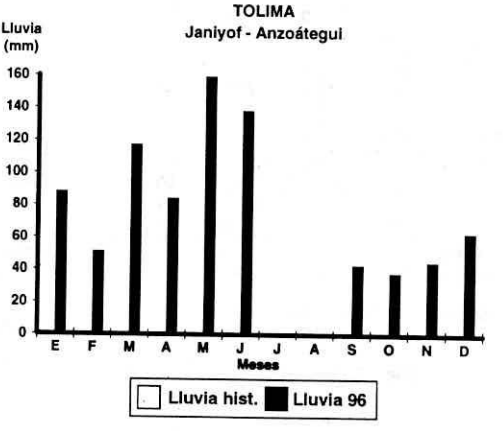
Estación : POCO A POCO
Año : 1997

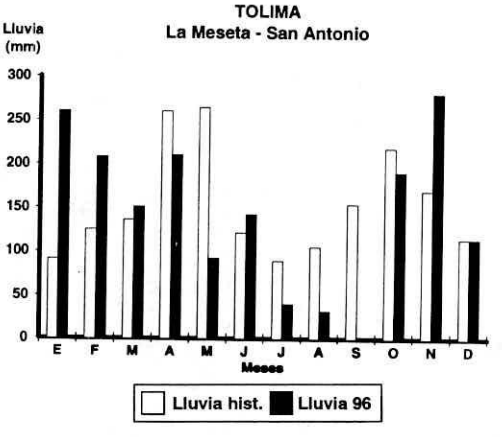
Dpto. : TOLIMA
Mpio. : CHAPARRAL

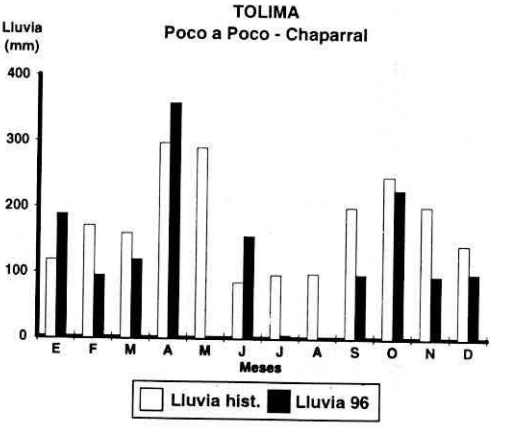
Latitud : 3 ° 47 ' N
Longitud : 75 ° 33 ' W
Altitud : 1340 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	10.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	14.0	
3	0.0	20.0	14.0	0.0		25.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0		0.0	0.0	0.0	45.0	0.0	9.0	0.0	
5	0.0	0.0	0.0	0.0		10.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	30.0	0.0	0.0		20.0	0.0	0.0	13.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0		0.0	5.0	0.0	0.0	0.0	0.0	0.0	
9	40.0	5.0	0.0	30.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	35.0	25.0	20.0	45.0		15.0	0.0	0.0	0.0	6.0	14.0	0.0	
11	0.0	0.0	0.0	50.0		0.0	0.0	0.0	0.0	9.0	0.0	0.0	
12	0.0	5.0	10.0	0.0		0.0	0.0	0.0	0.0	66.0	0.0	0.0	
13	0.0	0.0	5.0	10.0		0.0	0.0	0.0	0.0	0.0	7.0	0.0	
14	0.0	0.0	5.0	25.0		0.0	0.0	0.0	0.0	0.0	6.0	0.0	
15	0.0	0.0	0.0	10.0		0.0	0.0	0.0	0.0	8.0	0.0	5.0	
16	15.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	20.0	
17	0.0	0.0	0.0	20.0		0.0	0.0	0.0	0.0	46.0	30.0	0.0	
18	0.0	0.0	0.0	0.0		30.0	0.0	0.0	0.0	0.0	4.0	0.0	
19	0.0	0.0	0.0	43.0		40.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	25.0	0.0	0.0	25.0		0.0	0.0	0.0	0.0	66.0	15.0	0.0	
21	0.0	0.0	10.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	38.0	0.0	25.0	10.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	25.0		0.0	0.0	0.0	40.0	5.0	0.0	0.0	
24	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	10.0	0.0	0.0	20.0		10.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	20.0	10.0		0.0	0.0	0.0	0.0	0.0	11.0	0.0	
27	25.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	21.0	0.0	0.0	
29	0.0		0.0	35.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0		5.0	0.0	0.0	0.0	0.0	0.0	56.0	
31	0.0		10.0				0.0	0.0		0.0		5.0	
													Anual
Total	188.0	95.0	119.0	358.0		155.0	5.0	0.0	98.0	227.0	96.0	100.0	
Días Ll.	7	6	9	14		8	1	0	3	8	8	5	


TOLIMA
Totarito - Alvarado
Lluvia (mm)
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


TOLIMA
Janiyof - Anzoátegui
Lluvia (mm)
160
140
120
100
80
60
40
20
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


TOLIMA
La Meseta - San Antonio
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


TOLIMA
Poco a Poco - Chaparral
Lluvia (mm)
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

Estación : MONTEFRIO
Año : 1997

Dpto. : TOLIMA
Mpio. : NATAGAIMA

Latitud : 3 ° 29 ' N
Longitud : 75 ° 16 ' W
Altitud : 1500 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	20.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	130.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	10.0	
7	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	30.0	0.0	0.0	40.0	10.0	0.0	10.0	0.0	20.0	0.0	10.0	0.0	
9	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	30.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	10.0	0.0	10.0	11.0	0.0	0.0	10.0	0.0	0.0	20.0	60.0	
15	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
16	20.0	0.0	10.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	
17	10.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
18	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
20	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	30.0	0.0	
21	70.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	30.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
27	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
28	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	10.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
													Anual
Total	350.0	110.0	170.0	60.0	41.0	180.0	40.0	30.0	60.0	250.0	100.0	130.0	1521.0
Días Ll.	11	4	5	3	3	2	2	2	3	7	4	5	

Estación : SANTA MARTA
Año : 1997

Dpto. : VALLE
Mpio. : EL AGUILA

Latitud : 4 ° 53 ' N
Longitud : 76 ° 3 ' W
Altitud : 1760 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	40.0	
2	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
3	11.0	9.0	15.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	4.0	31.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
6	10.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	13.0	0.0	0.0	0.0	
7	0.0	20.0	0.0	8.0	10.0	27.0	0.0	0.0	6.0	0.0	48.0	0.0	
8	4.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0	20.0	0.0	33.0	0.0	
9	11.0	11.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	23.0	9.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	
11	21.0	14.0	0.0	0.0	16.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	29.0	0.0	0.0	5.0	0.0	25.0	0.0	0.0	0.0	17.0	0.0	0.0	
13	0.0	0.0	20.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0	11.0	0.0	
14	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
15	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	
16	0.0	9.0	24.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	23.0	0.0	35.0	12.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	17.0	0.0	21.0	0.0	16.0	0.0	0.0	0.0	0.0	43.0	0.0	0.0	
19	0.0	0.0	29.0	13.0	0.0	0.0	0.0	0.0	6.0	23.0	16.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	23.0	0.0	
21	39.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
22	15.0	11.0	0.0	0.0	0.0	11.0	0.0	0.0	32.0	19.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	58.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	19.0	0.0	
25	14.0	0.0	0.0	0.0	13.0	9.0	0.0	0.0	50.0	0.0	21.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	30.0	0.0	
27	0.0	14.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
28	0.0	0.0	20.0	22.0	0.0	15.0	0.0	0.0	0.0	36.0	8.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
30	0.0		21.0	0.0	7.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	
31	0.0		30.0		0.0		0.0	0.0		0.0		0.0	
													Anual
Total	246.0	101.0	256.0	109.0	183.0	234.0	0.0	0.0	154.0	180.0	293.0	70.0	1826.0
Días Ll.	15	9	11	9	8	14	0	0	9	7	16	2	

Estación : EL PLACER
Año : 1997

Dpto. : VALLE
Mpio. : ANSERMANUEVO

Latitud : 4 ° 48 ' N
Longitud : 76 ° 6 ' W
Altitud : 1730 m

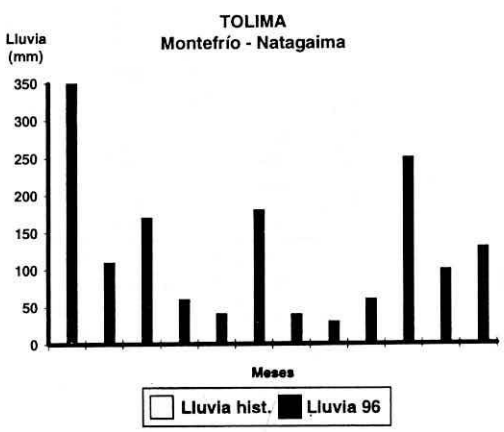
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	9.0	20.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0				
2	5.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0				
3	6.0	13.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0				
4	4.0	0.0	20.0	0.0	0.0	90.0	0.0	0.0	11.0				
5	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0				
6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0				
7	3.0	0.0	0.0	0.0	59.0	0.0	0.0	0.0	0.0				
8	10.0	0.0	0.0	0.0	10.0	0.0	12.0	0.0	0.0				
9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
10	10.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0				
11	9.0	0.0	0.0	0.0	10.0	26.0	0.0	0.0	0.0				
12	10.0	0.0	35.0	0.0	5.0	0.0	0.0	0.0	0.0				
13	0.0	0.0	0.0	20.0	20.0	0.0	0.0	0.0	0.0				
14	6.0	0.0	0.0	0.0	10.0	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				
16	5.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0				
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
18	0.0	0.0	0.0	0.0	0.0	63.0	0.0	0.0	0.0				
19	50.0	0.0	75.0	20.0	0.0	0.0	0.0	0.0	0.0				
20	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0				
21	20.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	30.0				
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
23	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
25	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
26	0.0	0.0	57.0	0.0	0.0	0.0	0.0	0.0	0.0				
27	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	15.0				
28	0.0	0.0	20.0	30.0	0.0	0.0	0.0	0.0	30.0				
29	0.0		25.0	0.0	0.0	0.0	0.0	0.0	0.0				
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0				
31	0.0		0.0		0.0		0.0	0.0					
Total	194.0	78.0	267.0	100.0	127.0	179.0	12.0	0.0	186.0				Anual
Días LI.	17	3	10	5	8	3	1	0	6				

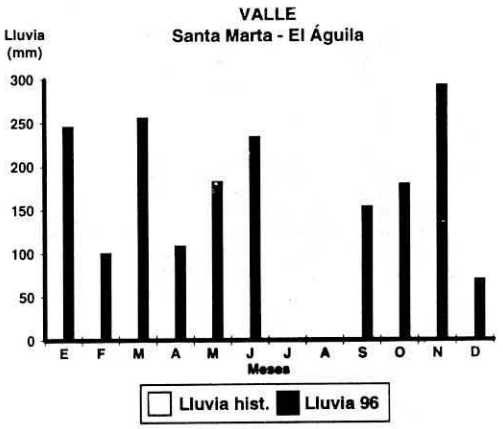
Estación : BELLAVISTA
Año : 1997

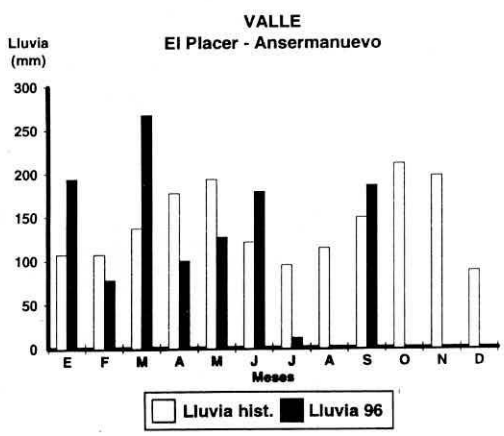
Dpto. : VALLE
Mpio. : ANSERMANUEVO

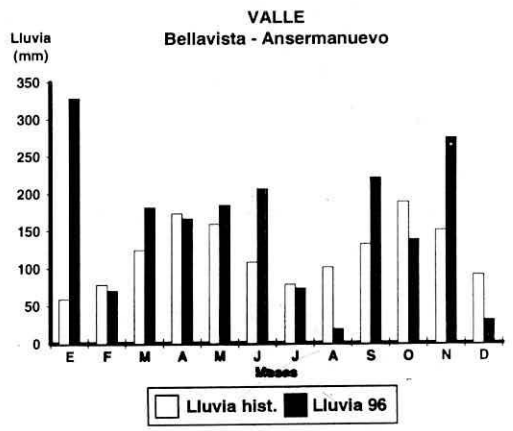
Latitud : 4 ° 45 ' N
Longitud : 76 ° 6 ' W
Altitud : 1550 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	29.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0	6.0	10.0	5.0	10.0	
2	0.0	3.0	35.0	25.0	0.0	0.0	8.0	0.0	10.0	7.0	6.0	10.0	
3	10.0	0.0	5.0	24.0	2.0	15.0	10.0	0.0	11.0	0.0	10.0	5.0	
4	20.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	18.0	0.0	10.0	6.0	
5	15.0	0.0	30.0	0.0	0.0	11.0	6.0	0.0	0.0	0.0	15.0	0.0	
6	5.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	5.0	15.0	0.0	
7	5.0	8.0	0.0	0.0	35.0	4.0	2.0	0.0	0.0	6.0	12.0	0.0	
8	0.0	0.0	0.0	3.0	25.0	5.0	0.0	0.0	0.0	0.0	26.0	0.0	
9	15.0	0.0	0.0	12.0	10.0	10.0	0.0	0.0	0.0	0.0	12.0	0.0	
10	42.0	0.0	7.0	0.0	4.0	8.0	0.0	0.0	0.0	0.0	10.0	0.0	
11	10.0	0.0	0.0	6.0	8.0	0.0	0.0	0.0	0.0	4.0	10.0	0.0	
12	5.0	20.0	10.0	0.0	10.0	6.0	0.0	8.0	0.0	5.0	10.0	0.0	
13	10.0	0.0	0.0	2.0	6.0	24.0	0.0	0.0	0.0	6.0	15.0	0.0	
14	5.0	0.0	0.0	0.0	3.0	0.0	3.0	2.0	0.0	7.0	10.0	0.0	
15	5.0	0.0	5.0	0.0	4.0	2.0	4.0	0.0	15.0	12.0	20.0	0.0	
16	30.0	0.0	15.0	0.0	0.0	3.0	0.0	0.0	10.0	11.0	20.0	0.0	
17	0.0	0.0	16.0	0.0	0.0	6.0	3.0	0.0	18.0	11.0	16.0	0.0	
18	0.0	6.0	4.0	15.0	0.0	4.0	6.0	0.0	0.0	0.0	14.0	0.0	
19	5.0	3.0	3.0	15.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	10.0	0.0	0.0	20.0	0.0	4.0	0.0	0.0	20.0	0.0	10.0	0.0	
21	10.0	0.0	0.0	3.0	0.0	6.0	0.0	3.0	15.0	0.0	5.0	0.0	
22	20.0	0.0	0.0	8.0	0.0	8.0	0.0	4.0	15.0	0.0	6.0	0.0	
23	5.0	0.0	0.0	21.0	0.0	10.0	4.0	2.0	16.0	5.0	7.0	0.0	
24	0.0	30.0	0.0	0.0	0.0	14.0	8.0	0.0	20.0	10.0	0.0	0.0	
25	25.0	0.0	0.0	2.0	2.0	5.0	7.0	0.0	17.0	0.0	0.0	0.0	
26	20.0	0.0	0.0	3.0	5.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	5.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	5.0	0.0	0.0	
28	8.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	10.0	0.0	0.0	0.0	
29	0.0		21.0	7.0	10.0	15.0	3.0	0.0	10.0	15.0	0.0	0.0	
30	10.0		30.0	0.0	37.0	2.0	0.0	0.0	10.0	15.0	10.0	0.0	
31	4.0		0.0		2.0		6.0	0.0		4.0		0.0	
Total	328.0	70.0	181.0	166.0	184.0	206.0	73.0	19.0	221.0	138.0	274.0	31.0	Anual 1891.0
Días LI.	25	6	12	15	17	25	14	5	16	17	23	4	


TOLIMA
Montefrío - Natagaima
Lluvia (mm)
350
300
250
200
150
100
50
0
Meses
Lluvia hist.
Lluvia 96


VALLE
Santa Marta - El Águila
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96


VALLE
El Placer - Ansermanuevo
Lluvia (mm)
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

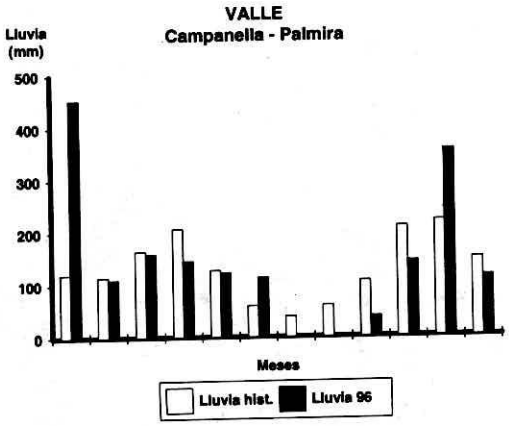

VALLE
Bellavista - Ansermanuevo
Lluvia (mm)
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 96

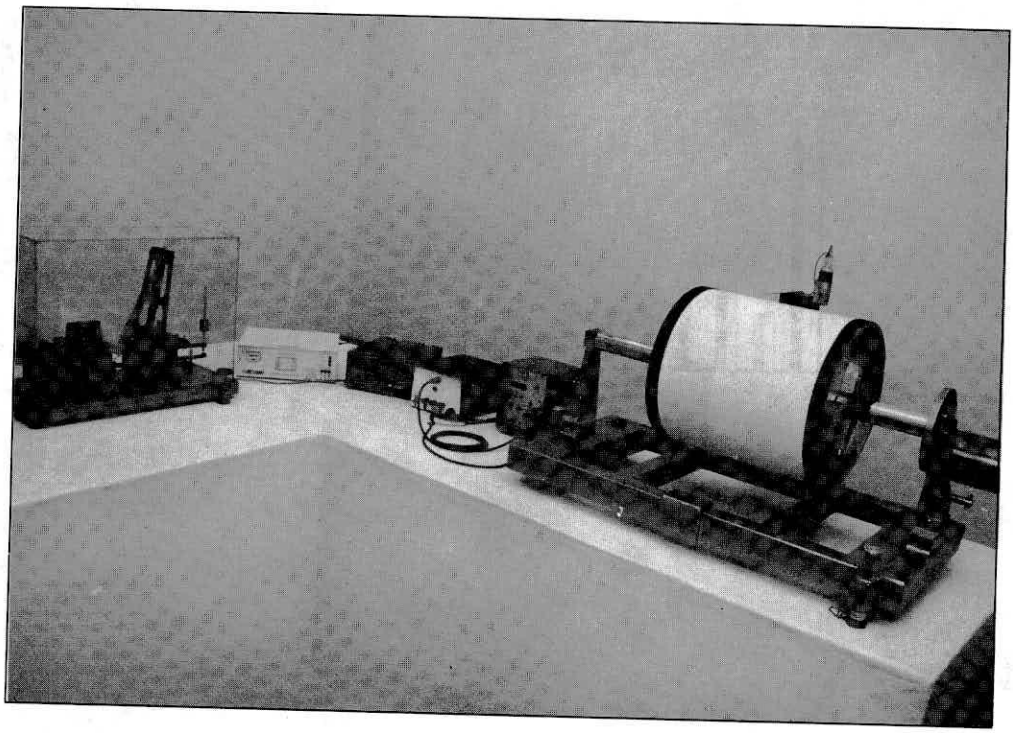
Estación : CAMPANELLA
Año : 1997

Dpto. : VALLE
Mpio. : PALMIRA

Latitud : 3 ° 29 ' N
Longitud : 76 ° 12 ' W
Altitud : 1550 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	32.0	
2	4.0	0.0	0.0	11.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	8.0	
3	0.0	4.0	25.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	3.0	17.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	46.0	1.0	0.0	10.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	5.0	0.0	4.0	1.0	0.0	0.0	0.0	4.0	0.0	
7	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	18.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	0.0	
9	41.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
10	20.0	0.0	0.0	0.0	2.0	5.0	0.0	0.0	0.0	10.0	15.0	0.0	
11	12.0	2.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	15.0	12.0	0.0	
12	21.0	0.0	0.0	9.0	0.0	6.0	0.0	0.0	0.0	40.0	31.0	0.0	
13	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	
14	5.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	13.0	
15	9.0	55.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	
16	10.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	12.0	13.0	0.0	
17	4.0	27.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	10.0	0.0	0.0	
18	8.0	0.0	21.0	0.0	0.0	4.0	0.0	0.0	0.0	14.0	0.0	0.0	
19	12.0	0.0	17.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	81.0	0.0	5.0	2.0	0.0	0.0	0.0	0.0	3.0	5.0	0.0	0.0	
21	10.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0	0.0	
22	27.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	29.0	0.0	0.0	20.0	54.0	0.0	0.0	0.0	15.0	0.0	25.0	0.0	
24	22.0	0.0	0.0	11.0	0.0	5.0	0.0	0.0	5.0	0.0	33.0	0.0	
25	56.0	0.0	0.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
26	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
27	0.0	5.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
28	4.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	30.0		13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0	0.0	
30	0.0		10.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	48.0	0.0	
31	0.0		10.0		4.0		0.0	0.0		0.0		0.0	
Total	452.0	110.0	158.0	145.0	122.0	113.0	2.0	0.0	38.0	143.0	356.0	114.0	Anual 1753.0
Días LI.	24	6	10	12	7	10	2	0	6	10	17	5	


VALLE
Campanella - Palmira
Lluvia
(mm)
500
400
300
200
100
0
Meses
Lluvia hist.
Lluvia 96



ESTACION SISMOLOGICA

ACTIVIDAD SÍSMICA REGISTRADA EN LA ESTACIÓN DE CENICAFÉ CHINCHINÁ- COLOMBIA DURANTE EL AÑO 1997

Origen del sismo	Fecha	Coordenadas		Hora *	Magnitud **
México	Enero 11	18.2 N	102.7W	20 34'35"	6.5
Perú	Febrero 9	14.5 S	76.2W	15 01'48"	4.9
Pakistán	Febrero 27	29.9 N	78.2E	21 27'15"	6.3
Flipinas	Marzo 11	7.7 N	127.6E	19 41'09"	6.3
Islas Aleutianas	Marzo 26	51.2 N	179.5E	02 22'22"	6.0
Islas Winward	Abril 22	11.1 N	60.8W	09 35'10"	6.0
India	Mayo 8	24.8 N	92.2E	03 13'08"	5.6
Islas Azores	Junio 27	38.3 N	26.6O	04 49'31"	5.6
Venezuela	Julio 9	10.5 N	63.4W	19 27'19"	6.2
Cor.Central del Pacifico.	Agosto 15	4.4 S	105.7W	07 44'21"	5.3
Norte de Chile	Agosto 29	22.1 S	68.4W	05 11'42"	5.3
Centro Occ. de Colombia	Sept. 2	3.8 N	75.7W	12 13'55"	6.5
Islas Kermadec	Sept. 20	28.7 S	177.6W	16 25'36"	6.1
Sur Islas Fiji	Octubre 14	22.1 S	176.8W	10 07'02"	6.7
Cerca Costa Cent. Chile	Octubre 15	30.9 S	71.2N	01 10'32"	6.8
Pen.Minahassa, Sulawesi	Noviembre 25	1.2 N	122.5E	12 34'35"	6.1
Límites Perú-Bolívia	Noviembre 28	13.7 S	68.8W	22 57'37"	6.4
Cor.Central de Colombia	Dicimebre 11	3.9 N	75.8W	07 56'59"	6.0
Nueva Guinea	Diciembre 22	5.5 S	147.9E	02 24'46"	6.3

* Hora Internacional
** Escala de Richter (0 a 9 grados)