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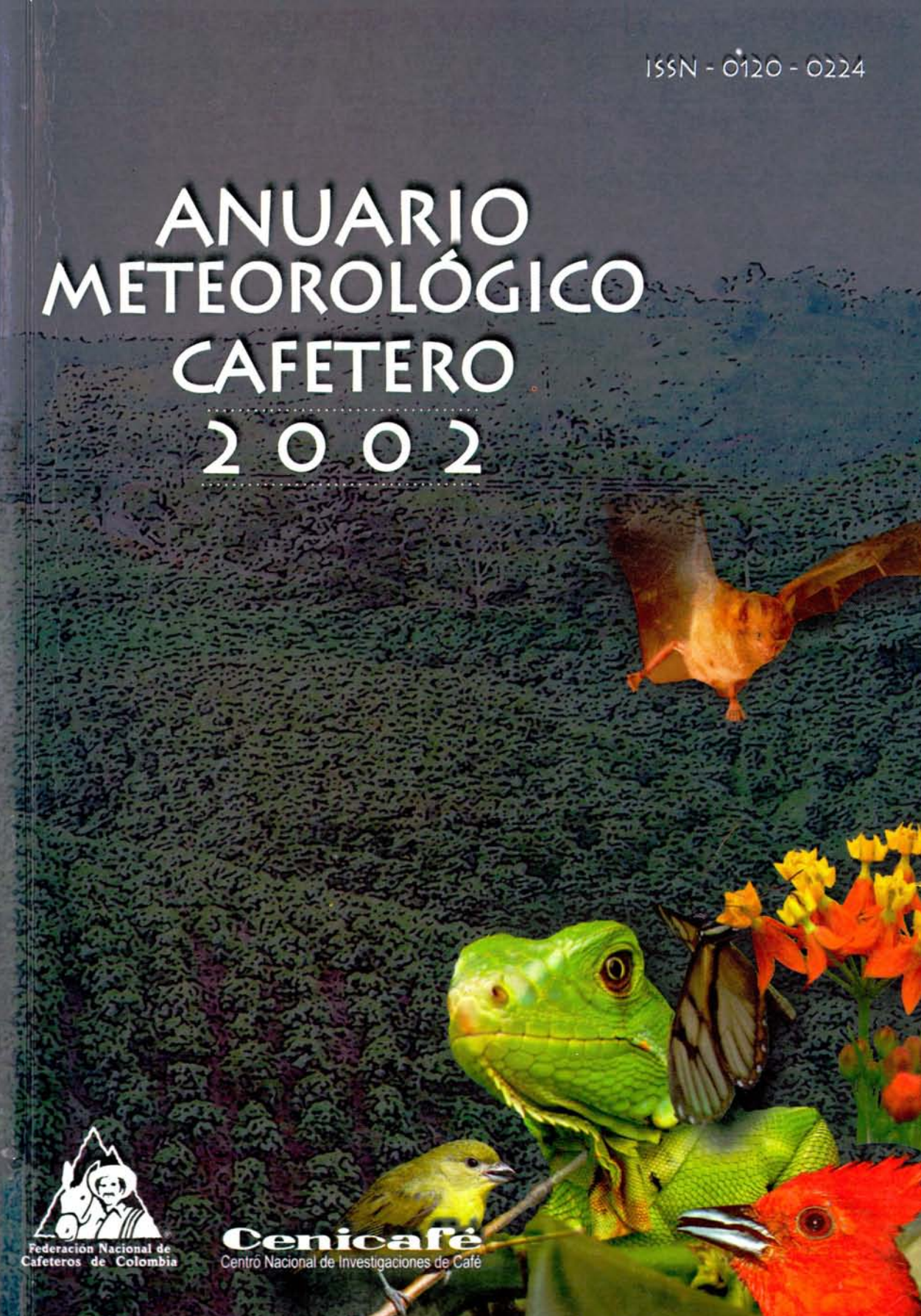
ANUARIO METEOROLÓGICO CAFETERO 2002



Federación Nacional de Cafeteros de Colombia

Cenicafé
Centro Nacional de Investigaciones de Café

PROGRAMA BIOLOGIA DE LA CONSERVACION -
ANUARIO METEREOLOGICO CAFETERO 2002
Cod: L – 021

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Cafeteros de Colombia

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FEDERACIÓN NACIONAL DE CAFETEROS DE COLOMBIA

CENTRO NACIONAL DE INVESTIGACIONES DE CAFÉ
«Pedro Uribe Mejía»

DISCIPLINA DE AGROCLIMATOLOGÍA

ANUARIO METEOROLÓGICO CAFETERO 2002

Se canjea con publicaciones de la misma índole

DIRECCIÓN
ADDRESS

CENICAFÉ, Chinchiná, Caldas, Colombia

La información de este Anuario fue compilada por los Investigadores de CENICAFE, Alvaro Jaramillo Robledo, José Vicente Baldión Rincón y Orlando Guzmán Martínez con la participación del personal Auxiliar de Investigación de la Disciplina de Agroclimatología, señores, Luis Gonzaga Henao Ríos, Wilmar A. Rendón Gómez y Fabián Sánchez López. Su procesamiento se realizó a través del Sistema de Información de Variables Climáticas, la Disciplina de Sistemas y la colaboración de la Disciplina de Divulgación y Transferencia. 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.

INTRODUCCIÓN

Los registros climáticos reunidos en la presente edición de este Anuario Meteorológico corresponden a las observaciones meteorológicas obtenidas durante el año 2002 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 Uribe Mejía" (CENICAFE).

CÁLCULOS

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 2001 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 METEOROLÓGICO

Se presentaron algunas novedades durante el año 2002 en relación con el funcionamiento de la red meteorológica, así:

Estaciones climatológicas principales nuevas.

Se instalaron las estaciones climatológicas principales Almacafé-Letras, Manizales, Caldas (mayo/02); Tricontinental, Fresno, Tolima (julio/02) y Gaitana-Tolú, Planadas, Tolima (noviembre/02).

Estaciones climatológicas principales suspendidas.

La estación climatológica principal Los Andes, Planadas, Tolima se suspendió definitivamente en el mes de abril de 2002.

Cambios de categoría.

La estación climatológica principal El Horizonte, Cunday, tolima se redujo a la categoría de Pluviométrica en el mes de abril de 2002.

Estaciones pluviométricas nuevas

Departamento	Municipio	Nombre	Fecha
Tolima	Palocabildo	Buenos Aires	Agosto/00

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

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

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.

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
El Porvenir	Jericó	Antioquia	05° 48'	75° 46'	1.906	Piedras	105B
Vírgen de Oro	Támesis	Antioquia	05° 42'	75° 42'	1.656	La Vírgen	105B
La Cristalina	Támesis	Antioquia	05° 42'	75° 35'	775	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
El Tabuyo	Anserma	Caldas	05° 15'	75° 47'	1.669	Risaralda	107B
La Elvira	Belén de Umbría	Risaralda	05° 12'	75° 52'	1.520	Risaralda	107B
Mediacuesta	Anserma	Caldas	05° 12'	75° 45'	1.570	Tupamaro	107B
Santa Fe	Anserma	Caldas	05° 11'	75° 47'	1.410	Chapatá	107B
Los Cámbulos	Belén de Umbría	Risaralda	05° 09'	75° 53'	1.400	Risaralda	107B
San Lucas	Risaralda	Caldas	05° 07'	75°45'	1.105	Cambía	107B
La Esmeralda	Viterbo	Caldas	05° 05'	75° 54'	1.365	Risaralda	107B
La Divisa	San José	Caldas	05° 04'	75° 48'	1.686	La Habana	107B
La Perla	Belalcázar	Caldas	04° 58'	75° 49'	1.318	Cauca	107B
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
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
La Suecia	El Tambo	Cauca	02° 29'	76° 50'	1.693	Sucio	112B

Estación	Municipio	Departamento	Latitud	Longitud	Altitud	Corriente	Ecotopo
	Norte	Oeste	m				
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
Santa Cruz	Fredonia	Antioquia	05° 54'	75° 38'	1.400	Poblanco	203A
Santa Isabel	Fredonia	Antioquia	05° 53'	75° 41'	1.963	Ardita	203A
El Olvido	Fredonia	Antioquia	05° 50'	75° 40'	971	Ardita	203A
La Blanquita	Fredonia	Antioquia	05° 49'	75° 41'	569	Cauca	203A
Guaymaral	Aguadas	Caldas	05° 40'	75° 23'	1.600	Arma	204A
Cuatro Esquinas	Aguadas	Caldas	05° 40'	75° 25'	1.900	Arma	204A
Salineros	Aguadas	Caldas	05° 35'	75° 32'	1.476	Pácora	204A
San José	Aguadas	Caldas	05° 34'	75° 28'	1.663	Pácora	204A
La Florida	Pácora	Caldas	05° 33'	75° 29'	1.657	La Mica	204A
La Linda	Pácora	Caldas	05° 32'	75° 32'	1.850	Pácora	204A
Las Delicias	Pácora	Caldas	05° 29'	75° 29'	1.961	Pozo	204A
La Cascada	Pácora	Caldas	05° 28'	75° 33'	1.600	Pozo	204A
El Socorro	La Merced	Caldas	05° 23'	75° 33'	1.852	Calentaderos	204A
Encimadas	Salamina	Caldas	05° 23'	75° 28'	1.850	La Frisolera	204A
La Gaviota	Salamina	Caldas	05° 22'	75° 29'	1.772	Chambery	204A
La Julia	Filadelfia	Caldas	05° 18'	75° 34'	1.650	Maibá	204A
El Silencio	Aranzazu	Caldas	05° 15'	75° 31'	1.694	La Honda	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
Piamonte	Neira	Caldas	05° 11'	75° 31'	1.625	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
El Pistacho	Manizales	Caldas	05° 04'	75° 33'	1.625	El Rosario	205A
La Flora	Manizales	Caldas	05° 01'	75° 34'	1.581	El Naranjo	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
El Recreo	Palestina	Caldas	05° 02'	75° 39'	1.450	Chinchiná	206A
La Margarita	Palestina	Caldas	05° 02'	75° 37'	1.477	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	Manizales	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
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
El Bosque	Dosquebradas	Risaralda	04° 50'	75° 41	1.450	Otún	206A
La Juliana	Manizales	Caldas	05° 09'	75° 29'	1.750	Guacaica	207A
Almacafé Letras	Manizales	Caldas	05° 03'	75° 20'	3.684	Chinchiná	207A
Agronomía	Manizales	Caldas	05° 03'	75° 29'	2.150	Chinchiná	207A
Java	Manizales	Caldas	05° 01'	75° 33'	1.780	Chinchiná	207A

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
Bello Horizonte	Villamaría	Caldas	04° 59'	75° 33'	1.690	Claro	207A
El Cedral	Pereira	Risaralda	04° 42'	75° 32'	2.120	Otún	208A
El Pílamo	Pereira	Risaralda	04° 52'	75° 48'	1.070	Combia	209A
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
La Catalina	Pereira	Risaralda	04° 45'	75° 45'	1.350	Consota	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 Rocallosa	Salento	Quindío	04° 35'	75° 38'	1.585	Quindío	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
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
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
Madrigal	Caldono	Cauca	02° 51'	76° 33'	1.434	Ovejas	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'	1.344	Cocorná	205B
El Tiburio	Samaná	Caldas	05° 33'	75° 01'	1.403	Manso	205B
Hogar Juvenil	Pensilvania	Caldas	05° 30'	75° 11'	1.560	Samaná	205B
Villaraz	Pensilvania	Caldas	05° 23'	75° 04'	1.650	Tenerife	205B
La Gruta	Samaná	Caldas	05° 22'	75° 01'	1.490	La Miel	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

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
Santa Helena	Marquetalia	Caldas	05° 19'	75° 00'	1.450	La Miel	205B
La Esperanza	Marquetalia	Caldas	05° 18'	75° 05'	1.463	San Juan	206B
El Brisal	Manzanares	Caldas	05° 13'	75° 06'	1.390	Guarinó	206B
Tricontinental	Fresno	Tolima	05° 09'	75° 00'	1.269	Gualí	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
Chapetón	Ibagué	Tolima	04° 28'	75° 16'	1.353	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
Irco Dosaguas	Chaparral	Tolima	03° 39'	75° 37'	1.210		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
Bonanza	Girón	Santander	07° 05'	73° 17'	1.250	Guapuchera	303A
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'	73° 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
La Chapola	Socorro	Santander	06° 28'	73° 12'	1.700	Honda	305A
El Mesón	Valle de San José	Santander	06° 25'	73° 09'	1.330	Fonce	305A
Las Delicias	Palmas del Socorro	Santander	06° 24'	73° 16'	1.450	Suárez	305A
Casa de Teja	Sn Vicente de Chucurí	Santander	06° 55'	73° 27'	960	Chucurí	306A
Aguasblancas	Sn Vicente de Chucurí	Santander	06° 50'	73° 29'	920	Chucurí	306A
El Nogal	Charalá	Santander	06° 20'	73° 04'	1.560	Riachuelo	307A
Villanueva	Charalá	Santander	06° 14'	73° 10'	1.450	Pienta	307A
Cielo Roto	Suaita	Santander	06° 07'	73° 23'	1.540	Tolotá	307A
Bertha	Moniquirá	Boyacá	05° 53'	73° 34'	1.700	Moniquirá	308A
La Cumbre	Puente Nacional	Santander	05° 52'	73° 42'	1.650	Suárez	308A
Montelíbano	Yacopí	Cundinamarca	05° 28'	74° 22'	1.340	Chirche	309A
El Jardín	Yacopí	Cundinamarca	05° 27'	74° 19'	1.245	La Mina	310A
El Porvenir	Yacopí	Cundinamarca	05° 26'	74° 18'	1.400	La Mina	310A
Canaima	La Palma	Cundinamarca	05° 21'	74° 25'	1.550	La Chorrera	310A
La Vistosa	Topaipí	Cundinamarca	05° 20'	74° 16'	1.374	Bunque	310A
Santa Rosita	El Peñón	Cundinamarca	05° 17'	74° 17'	1.430	Negro	310A
Icalí	Sasaima	Cundinamarca	04° 57'	74° 26'	1.380	Dulce	311A

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
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
Honduras	La Mesa	Cundinamarca	04° 41'	74° 27'	1.077	Apulo	314A
Misiones	Mesitas del Colegio	Cundinamarca	04° 33'	74° 25'	1.540	Bogotá	314A
La Arcadia	Mesitas del Colegio	Cundinamarca	04° 32'	74° 27'	1.790	Bogotá	314A
El Porvenir	Mesitas del Colegio	Cundinamarca	04° 32'	74° 28'	1.350	Bogotá	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
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
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
Montenegro	Gigante	Huila	02° 17'	75° 29'	2.099	Magdalena	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
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							
La Victoria	Santa Marta	Magdalena	11° 07'	74° 06'	1.100	Gaira	401
El Helechal	Pueblo Bello	Cesar	10° 26'	73° 34'	1.447	Ariguaní	402
Pueblo Bello	Pueblo Bello	Cesar	10° 25'	73° 34'	1.000	Ariguaní	402

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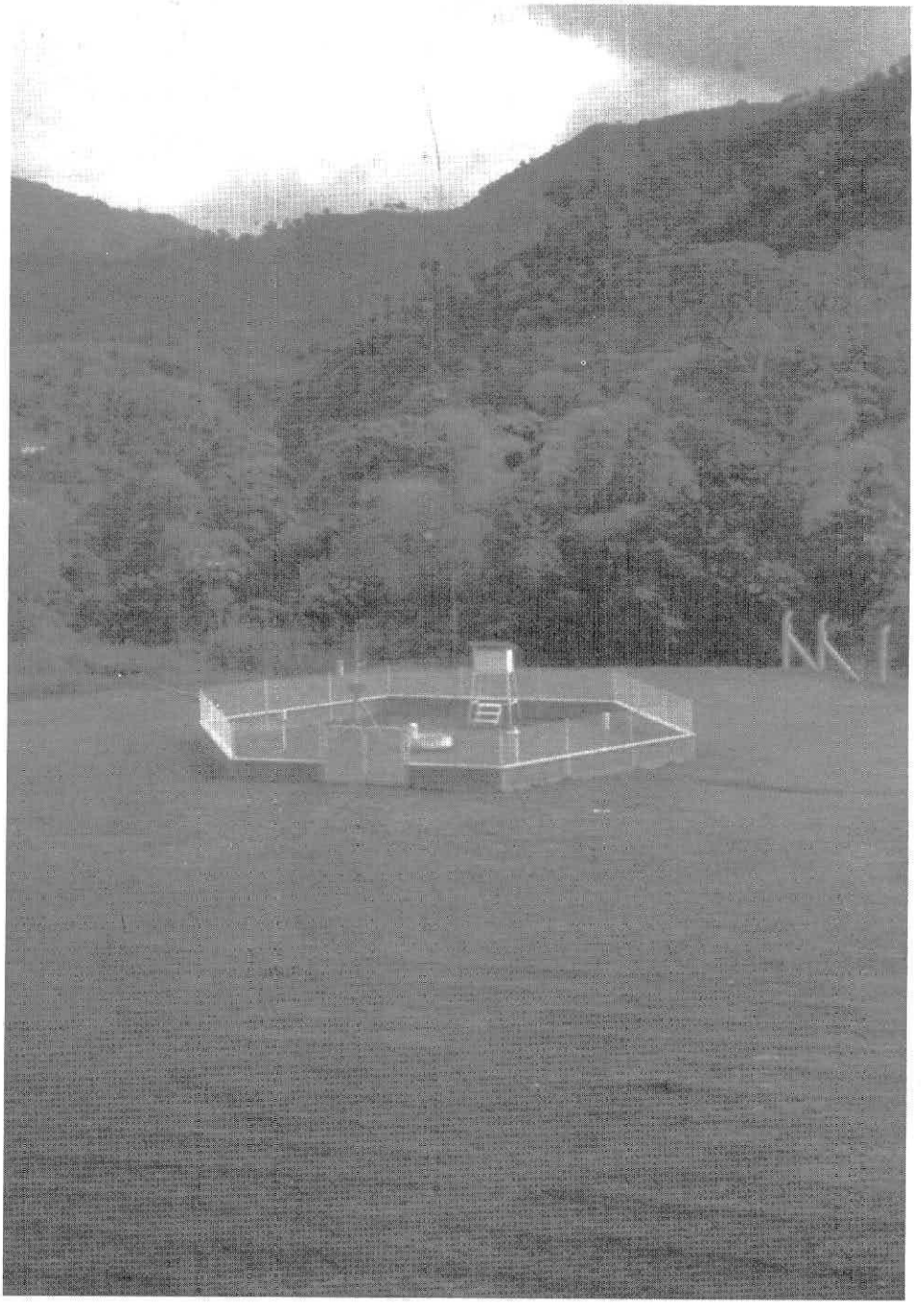


ESTACIONES PRINCIPALES

Estación : COCORNA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : COCORNA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	26.0	20.7	83.7	0.0	0.0	0.0	7.6
2	17.0	26.4	22.1	75.0	0.0	0.0	0.0	7.4
3	18.4	26.5	21.9	80.0	0.0	14.8	14.8	7.8
4	16.8	25.6	20.3	83.3	.8	0.0	.8	7.6
5	17.0	26.5	21.4	69.0	0.0	.2	.2	9.1
6	17.8	26.0	21.8	81.3	2.9	0.0	2.9	5.3
7	18.8	26.2	21.7	78.0	.4	0.0	.4	6.5
8	18.4	25.0	20.9	84.7	3.0	28.7	31.7	3.6
9	17.6	25.5	20.9	81.0	.7	0.0	.7	6.8
10	17.4	26.5	21.9	76.3	0.0	0.0	0.0	9.1
11	16.8	25.5	21.2	78.7	0.0	0.0	0.0	8.0
12	15.6	25.8	21.2	74.0	0.0	0.0	0.0	9.3
13	16.8	24.5	19.4	82.7	0.0	49.6	49.6	2.8
14	17.8	24.5	21.0	85.7	3.3	3.9	7.2	5.6
15	17.2	26.6	20.3	81.3	6.6	5.2	11.8	9.1
16	17.0	26.0	21.8	84.3	0.0	32.7	32.7	8.6
17	16.2	26.4	22.0	75.0	0.0	.2	.2	9.7
18	17.6	24.5	21.0	84.3	0.0	0.0	0.0	8.8
19	17.4	26.0	21.2	81.0	0.0	0.0	0.0	8.3
20	17.3	24.5	20.5	83.0	4.2	1.3	5.5	3.2
21	17.0	26.6	22.2	76.3	0.0	9.9	9.9	8.6
22	17.0	25.8	20.4	81.7	5.8	0.0	5.8	3.6
23	17.7	27.5	22.2	76.0	0.0	0.0	0.0	7.8
24	18.0	27.8	22.6	77.3	0.0	2.9	2.9	9.2
25	19.5	27.0	21.8	81.7	0.0	30.8	30.8	6.0
26	17.9	25.5	20.7	85.3	0.0	0.0	0.0	1.7
27	19.6	27.5	22.0	81.3	0.0	0.0	0.0	7.6
28	19.4	28.2	21.9	78.0	0.0	0.0	0.0	9.7
29	18.0	28.6	23.0	71.7	0.0	17.2	17.2	10.5
30	18.8	24.5	20.3	92.0	0.0	.4	.4	2.4
31	18.6	26.7	22.5	83.7	0.0	13.8	13.8	5.5
Total :					27.7	211.6	239.3	216.8
Promedio :	17.7	26.1	21.4	80.2				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	26.5	22.4	73.0	0.0	16.2	16.2	7.2
2	18.4	26.4	21.8	81.0	0.0	30.6	30.6	5.7
3	18.6	23.8	20.8	91.3	3.5	3.4	6.9	.5
4	18.0	22.5	19.0	96.3	14.5	0.0	14.5	.5
5	16.4	23.6	19.9	84.3	0.0	1.7	1.7	5.0
6	17.8	25.5	21.4	81.3	0.0	34.5	34.5	8.5
7	17.0	23.6	19.4	88.0	0.0	3.6	3.6	2.4
8	17.2	22.6	20.1	87.7	0.0	46.1	46.1	.4
9	17.5	24.0	20.5	85.7	0.0	.9	.9	3.2
10	17.0	25.8	21.6	84.7	0.0	.5	.5	7.2
11	16.4	26.5	21.5	85.3	0.0	0.0	0.0	7.2
12	18.6	26.6	22.0	82.7	0.0	0.0	0.0	7.1
13	18.0	26.0	21.8	81.3	0.0	0.0	0.0	6.4
14	18.9	26.8	21.6	80.0	0.0	0.0	0.0	7.5
15	18.8	27.0	22.0	78.7	0.0	0.0	0.0	6.6
16	18.6	27.8	22.5	77.7	0.0	23.1	23.1	8.7
17	17.5	25.5	21.5	85.0	0.0	20.9	20.9	6.7
18	18.5	26.5	22.0	81.0	0.0	10.1	10.1	9.0
19	18.0	27.4	21.6	84.0	43.5	.6	44.1	4.6
20	18.6	26.5	21.8	78.7	0.0	16.5	16.5	7.7
21	18.2	27.0	22.4	78.7	.4	6.8	7.2	7.6
22	18.0	27.0	21.9	84.3	0.0	19.7	19.7	8.1
23	16.4	25.5	22.0	78.7	.1	11.7	11.8	6.8
24	18.0	26.8	22.4	81.7	0.0	0.0	0.0	8.6
25	19.0	27.4	22.7	82.0	0.0	19.8	19.8	6.6
26	18.2	26.0	21.8	86.0	0.0	1.1	1.1	4.8
27	18.0	24.2	20.4	93.0	5.8	0.0	5.8	2.5
28	17.6	25.5	22.0	79.3	0.0	0.0	0.0	6.1
29								
30								
31								
Total :					67.8	267.8	335.6	163.2
Promedio :	17.9	25.7	21.5	83.3				

Estación : COCORNA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : COCORNA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	27.2	22.2	79.3	0.0	.2	.2	8.8
2	18.6	27.5	23.2	77.0	0.0	23.6	23.6	8.5
3	17.0	26.8	21.8	83.7	0.0	0.0	0.0	6.7
4	17.5	25.5	21.8	82.7	0.0	0.0	0.0	5.7
5	16.8	25.0	20.9	81.0	0.0	66.3	66.3	3.3
6	16.5	25.2	21.1	83.3	0.0	0.0	0.0	7.0
7	18.0	25.8	21.6	83.3	3.5	.9	4.4	5.6
8	18.2	25.8	22.1	82.3	0.0	0.0	0.0	6.4
9	18.6	26.0	22.4	81.3	0.0	5.8	5.8	5.7
10	18.5	25.8	22.0	79.7	2.3	.7	3.0	5.9
11	17.8	25.5	21.7	87.7	.1	42.6	42.7	3.9
12	17.4	24.5	20.4	84.3	17.2	0.0	17.2	4.5
13	17.2	27.0	22.9	74.7	0.0	67.1	67.1	8.7
14	16.8	25.2	21.1	82.7	0.0	9.9	9.9	2.7
15	17.4	25.5	20.0	86.3	0.0	0.0	0.0	5.8
16	17.8	26.5	21.9	83.3	.5	6.7	7.2	5.2
17	17.6	26.6	21.4	81.7	0.0	0.0	0.0	4.9
18	17.2	26.5	21.8	77.7	0.0	5.2	5.2	5.6
19	18.0	24.7	21.2	84.7	1.0	9.4	10.4	.8
20	17.5	24.5	20.3	88.0	0.0	81.7	81.7	2.3
21	17.2	22.5	19.3	96.0	1.2	1.5	2.7	.2
22	17.6	25.0	20.8	86.7	.3	14.8	15.1	2.0
23	17.4	26.0	21.0	84.7	1.7	0.0	1.7	4.8
24	18.4	26.6	22.5	82.0	.6	18.3	18.9	6.2
25	17.0	27.5	22.4	69.7	0.0	.3	.3	7.2
26	18.8	26.8	20.6	87.0	8.8	45.7	54.5	2.3
27	16.0	24.4	19.9	86.3	.4	31.3	31.7	1.7
28	17.8	23.5	20.6	91.0	0.0	.3	.3	1.6
29	17.6	20.6	19.0	95.7	3.4	0.0	3.4	0.0
30	16.8	26.0	21.8	81.7	0.0	0.0	0.0	8.7
31	18.8	27.5	22.7	81.0	0.0	.7	.7	8.6
Total :					41.0	433.0	474.0	151.3
Promedio :	17.6	25.6	21.4	83.4				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	25.6	21.8	87.0	0.0	28.8	28.8	4.6
2	17.6	24.0	20.2	87.0	9.2	0.0	9.2	0.0
3	17.2	27.0	22.0	82.0	3.7	4.5	8.2	7.2
4	18.4	26.8	22.2	84.3	0.0	6.9	6.9	7.0
5	19.0	25.3	21.4	87.3	.2	6.0	6.2	2.9
6	18.6	25.2	21.1	87.3	0.0	6.5	6.5	5.7
7	17.8	24.5	20.6	88.0	25.7	0.0	25.7	3.1
8	17.5	24.8	20.7	83.0	7.7	9.6	17.3	4.0
9	17.4	23.8	19.6	88.3	12.8	1.1	13.9	2.3
10	16.8	24.0	19.6	85.0	4.7	0.0	4.7	3.6
11	16.0	22.8	19.2	83.7	7.8	.4	8.2	1.1
12	17.5	23.5	19.2	88.3	7.4	61.7	69.1	2.6
13	16.4	22.5	19.1	90.7	0.0	1.5	1.5	.9
14	16.6	24.9	20.4	83.7	0.0	35.0	35.0	5.7
15	17.0	26.0	21.8	85.3	0.0	29.8	29.8	8.6
16	17.2	26.5	22.3	85.3	0.0	18.2	18.2	7.7
17	17.0	25.5	20.4	87.0	0.0	27.8	27.8	4.8
18	16.8	25.0	20.5	87.7	0.0	40.9	40.9	.6
19	17.0	24.0	20.6	90.0	.4	22.3	22.7	2.8
20	17.2	24.5	20.7	85.7	0.0	16.8	16.8	4.9
21	17.5	23.8	20.2	96.3	2.1	0.0	2.1	1.0
22	16.8	26.6	21.6	85.3	0.0	3.9	3.9	7.6
23	17.2	27.0	21.4	81.7	2.1	1.8	3.9	3.9
24	18.4	26.3	21.7	85.7	8.1	24.0	32.1	5.3
25	16.6	20.5	18.4	93.7	3.1	3.8	6.9	0.0
26	17.0	24.5	20.7	87.0	3.9	24.5	28.4	2.6
27	17.5	23.5	20.0	93.7	.6	4.0	4.6	1.2
28	17.6	22.5	18.4	97.0	27.1	0.0	27.1	3.2
29	15.6	26.0	21.8	77.7	0.0	72.2	72.2	8.1
30	17.5	24.4	20.7	86.7	.1	0.0	.1	1.4
31								
Total :					126.7	452.0	578.7	114.4
Promedio :	17.3	24.7	20.6	87.0				

Estación : COCORNA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : COCORNA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	25.8	21.8	83.3	0.0	0.0	0.0	8.3
2	18.0	27.0	21.9	79.7	.1	.1	.2	7.4
3	18.5	27.5	22.8	78.3	0.0	22.7	22.7	9.8
4	17.4	28.2	22.9	77.7	0.0	0.0	0.0	9.1
5	19.2	27.8	23.4	79.7	0.0	0.0	0.0	8.6
6	18.8	28.2	23.5	75.0	0.0	6.5	6.5	9.6
7	18.0	27.0	22.2	76.3	0.0	10.6	10.6	5.0
8	18.4	26.4	22.2	81.3	0.0	0.0	0.0	3.4
9	18.8	26.6	22.5	81.7	0.0	0.0	0.0	8.2
10	19.4	28.0	23.1	77.0	0.0	3.2	3.2	6.9
11	19.0	25.6	21.5	84.7	0.0	0.0	0.0	0.0
12	18.2	29.8	23.2	73.3	0.0	0.0	0.0	10.4
13	19.2	29.5	22.6	76.7	0.0	0.0	0.0	.9
14	18.4	28.0	23.2	72.7	0.0	0.0	0.0	5.8
15	19.0	27.4	23.8	83.3	0.0	27.0	27.0	4.6
16	19.2	27.5	22.9	84.0	.7	8.9	9.6	7.0
17	18.8	27.6	22.8	80.7	3.3	20.9	24.2	7.4
18	18.2	26.9	21.9	85.0	0.0	32.0	32.0	6.0
19	16.8	25.0	21.2	84.0	0.0	2.9	2.9	3.3
20	17.8	26.8	22.2	82.7	0.0	13.7	13.7	7.9
21	17.5	25.0	20.6	90.0	0.0	10.1	10.1	3.2
22	18.0	24.2	20.2	87.0	12.0	21.1	33.1	2.3
23	18.2	26.2	22.2	83.3	.2	0.0	.2	5.8
24	18.6	27.5	23.0	83.3	7.5	30.9	38.4	8.2
25	18.2	24.5	20.8	86.7	10.4	7.4	17.8	2.7
26	16.4	23.0	19.8	77.7	.1	7.4	7.5	2.7
27	17.4	24.5	19.9	90.7	1.3	6.1	7.4	2.8
28	17.5	23.0	19.2	90.0	19.3	5.4	24.7	1.8
29	16.6	24.6	19.8	86.0	0.0	27.9	27.9	1.9
30	16.8	23.8	19.8	90.3	2.8	20.6	23.4	2.8
31	17.4	22.8	20.0	91.3	0.0	0.0	0.0	.5
Total :					57.7	285.4	343.1	164.3
Promedio :	18.1	26.3	21.8	82.4				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	26.0	21.9	78.3	0.0	26.7	26.7	7.9
2	17.0	25.5	20.4	89.0	0.0	.3	.3	4.0
3	16.6	25.8	21.3	81.7	0.0	4.5	4.5	8.2
4	16.4	21.7	18.0	95.0	11.1	.3	11.4	.8
5	17.0	22.9	18.2	95.0	56.4	8.8	65.2	1.0
6	16.0	24.5	19.6	90.0	1.5	28.4	29.9	2.6
7	16.5	25.0	19.6	83.7	5.0	5.5	10.5	4.2
8	16.8	25.5	20.5	85.3	0.0	58.6	58.6	4.5
9	16.5	25.0	20.8	81.3	0.0	2.0	2.0	5.9
10	17.8	27.4	22.6	80.3	0.0	30.4	30.4	7.6
11	17.0	25.8	21.4	82.0	0.0	4.7	4.7	7.8
12	17.8	25.0	20.6	86.3	3.4	20.9	24.3	6.0
13	16.5	25.5	20.6	78.3	0.0	0.0	0.0	4.9
14	18.0	26.2	22.1	79.0	0.0	1.7	1.7	7.9
15	17.6	25.5	20.4	88.3	4.6	.1	4.7	5.1
16	17.2	26.5	21.9	79.3	0.0	0.0	0.0	10.1
17	18.2	26.0	22.4	74.7	0.0	0.0	0.0	9.5
18	17.6	25.8	21.2	85.0	0.0	0.0	0.0	6.7
19	16.8	28.5	23.0	67.7	0.0	0.0	0.0	9.9
20	16.6	27.8	21.9	74.7	0.0	0.0	0.0	10.6
21	17.4	26.5	21.2	80.3	0.0	0.0	0.0	9.5
22	16.8	27.4	21.8	75.7	0.0	0.0	0.0	8.0
23	17.0	27.5	21.7	71.7	0.0	0.0	0.0	7.8
24	17.6	26.4	21.8	69.0	0.0	0.0	0.0	10.3
25	16.8	27.5	21.6	77.7	0.0	0.0	0.0	10.2
26	16.6	27.8	21.9	73.0	0.0	0.0	0.0	9.8
27	16.8	27.8	22.3	74.0	0.0	0.0	0.0	9.7
28	17.6	26.5	22.8	78.3	0.0	2.2	2.2	3.6
29	18.5	27.5	22.1	81.0	0.0	0.0	0.0	6.0
30	17.4	28.2	22.8	72.7	0.0	0.0	0.0	10.6
31								
Total :					82.0	195.1	277.1	210.7
Promedio :	17.1	26.2	21.3	80.3				

Estación : COCORNA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : COCORNA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	28.0	22.6	69.3	0.0	0.0	0.0	10.3
2	17.6	28.4	22.6	71.7	0.0	0.0	0.0	5.6
3	16.6	28.5	22.4	71.7	0.0	.7	.7	9.3
4	17.6	28.0	23.0	80.7	0.0	22.6	22.6	7.5
5	16.5	26.2	21.6	86.3	31.8	49.9	81.7	6.2
6	16.4	24.0	20.0	85.3	0.0	0.0	0.0	1.0
7	15.8	26.6	21.4	79.3	0.0	0.0	0.0	8.1
8	18.4	26.4	22.3	79.7	0.0	0.0	0.0	8.4
9	18.2	27.8	22.9	73.7	0.0	0.0	0.0	8.8
10	18.0	26.6	22.8	80.3	0.0	0.0	0.0	4.7
11	17.6	27.6	21.8	73.3	0.0	0.0	0.0	6.6
12	16.8	28.5	22.8	77.7	0.0	0.0	0.0	10.0
13	18.6	28.8	22.6	72.3	0.0	0.0	0.0	10.0
14	17.5	28.5	21.9	67.3	0.0	0.0	0.0	9.2
15	18.0	28.0	21.8	80.3	7.2	0.0	7.2	5.9
16	17.8	27.6	22.4	78.3	0.0	6.1	6.1	8.0
17	17.5	26.0	21.9	82.7	0.0	31.7	31.7	5.4
18	16.9	24.0	19.8	83.0	0.0	0.0	0.0	3.5
19	17.4	26.8	22.0	78.3	0.0	1.9	1.9	5.7
20	17.8	26.0	21.6	79.0	0.0	34.5	34.5	7.6
21	16.5	25.5	20.6	76.0	0.0	6.2	6.2	7.6
22	17.0	26.0	21.7	78.7	0.0	4.0	4.0	9.1
23	17.5	27.5	22.5	82.7	0.0	22.0	22.0	8.9
24	16.3	26.3	21.4	75.0	0.0	34.7	34.7	7.0
25	16.5	26.0	20.5	82.0	0.0	0.0	0.0	7.3
26	16.8	27.9	21.2	72.7	0.0	0.0	0.0	10.6
27	17.5	27.0	21.6	77.0	0.0	0.0	0.0	8.7
28	17.4	27.5	22.1	73.0	0.0	0.0	0.0	10.1
29	16.8	28.5	22.4	58.0	0.0	0.0	0.0	10.4
30	16.5	28.8	22.6	61.7	0.0	0.0	0.0	8.0
31	17.8	25.0	20.1	84.0	0.0	0.0	0.0	3.0
Total :					39.0	214.3	253.3	232.5
Promedio :	17.3	27.0	21.8	76.5				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	26.5	21.8	76.3	0.0	5.9	5.9	8.6
2	16.9	27.0	22.3	74.7	0.0	0.0	0.0	10.2
3	16.0	27.5	21.0	79.3	0.0	8.8	8.8	9.6
4	16.5	27.8	21.9	71.7	0.0	0.0	0.0	8.6
5	16.8	27.5	21.5	78.3	0.0	0.0	0.0	8.1
6	17.5	28.6	22.5	73.0	0.0	0.0	0.0	10.4
7	18.2	27.5	23.1	69.3	0.0	0.0	0.0	3.8
8	16.0	27.0	21.0	74.0	0.0	63.5	63.5	7.9
9	15.8	27.5	21.2	82.0	.7	0.0	.7	7.1
10	16.5	26.6	21.6	67.3	0.0	0.0	0.0	9.5
11	16.0	27.0	21.0	66.0	0.0	0.0	0.0	9.9
12	16.7	27.8	21.6	70.0	0.0	0.0	0.0	9.9
13	18.0	28.6	22.8	74.7	0.0	0.0	0.0	9.6
14	17.6	28.3	22.3	72.0	0.0	0.0	0.0	9.4
15	17.8	29.4	23.3	71.0	0.0	0.0	0.0	9.4
16	17.5	28.7	22.8	63.0	0.0	0.0	0.0	9.2
17	17.0	29.2	22.4	61.3	0.0	0.0	0.0	10.6
18	17.5	28.5	22.6	61.7	0.0	0.0	0.0	9.8
19	18.5	26.5	22.3	83.0	0.0	7.2	7.2	4.7
20	17.2	26.8	22.6	79.3	0.0	0.0	0.0	7.4
21	19.0	29.8	23.4	64.7	0.0	6.1	6.1	10.1
22	17.8	28.6	22.5	69.7	0.0	0.0	0.0	8.1
23	18.8	27.0	22.2	73.0	0.0	0.0	0.0	7.7
24	18.0	29.0	23.2	70.7	0.0	18.1	18.1	10.6
25	17.5	27.5	21.8	84.0	0.0	21.2	21.2	7.6
26	16.4	25.5	21.2	84.3	3	63.8	64.1	5.6
27	17.0	24.5	20.0	86.3	1.0	8.8	9.8	4.1
28	18.0	26.0	21.3	85.0	0.0	15.6	15.6	4.5
29	17.0	23.3	19.9	91.0	5.9	.2	6.1	0.0
30	18.0	26.2	21.7	82.7	0.0	37.1	37.1	6.7
31	17.6	25.5	21.0	86.0	0.0	33.7	33.7	3.8
Total :					7.9	290.0	297.9	242.5
Promedio :	17.3	27.3	21.9	75.0				

Estación : COCORNA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : COCORNA

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	26.6	21.3	81.7	10.8	57.0	67.8	6.3
2	16.6	26.5	21.2	82.3	0.0	9.0	9.0	5.5
3	18.0	26.8	22.5	81.0	0.0	34.9	34.9	9.5
4	17.2	28.8	22.4	73.0	0.0	4.7	4.7	9.5
5	17.0	26.4	21.3	84.0	0.0	2.2	2.2	5.2
6	18.6	27.7	22.7	78.7	0.0	2.7	2.7	9.8
7	19.0	28.5	22.6	78.0	0.0	11.1	11.1	6.6
8	16.4	29.2	22.6	60.0	0.0	5.8	5.8	10.1
9	17.0	26.5	21.2	78.7	0.0	0.0	0.0	8.5
10	19.0	27.4	22.4	78.3	0.0	17.1	17.1	5.3
11	17.8	26.5	21.0	84.7	0.0	.2	.2	5.6
12	18.0	26.2	22.5	80.7	0.0	9.2	9.2	7.7
13	16.8	27.5	22.9	77.3	0.0	37.3	37.3	9.4
14	17.0	26.6	22.6	80.3	0.0	36.2	36.2	8.7
15	16.5	26.5	22.2	79.3	.1	30.8	30.9	9.4
16	17.6	27.4	22.0	79.0	0.0	.2	.2	9.1
17	18.2	23.5	20.3	85.7	.4	11.8	12.2	.7
18	17.4	24.5	20.2	84.7	0.0	38.1	38.1	1.9
19	15.6	25.5	20.8	83.7	0.0	2.2	2.2	7.6
20	18.0	26.6	22.4	82.7	0.0	0.0	0.0	8.5
21	19.0	27.2	22.8	76.3	0.0	.2	.2	8.0
22	18.0	27.2	22.8	78.3	0.0	9.3	9.3	5.8
23	17.0	27.5	22.2	75.0	0.0	1.3	1.3	7.2
24	17.2	27.2	21.5	81.7	1.1	1.8	2.9	8.9
25	17.0	25.0	19.6	84.7	.1	1.8	1.9	5.6
26	16.7	24.0	20.2	84.7	0.0	6.6	6.6	5.4
27	17.0	26.6	21.6	86.0	0.0	69.6	69.6	1.4
28	16.2	23.8	20.2	85.3	0.0	0.0	0.0	7.0
29	17.6	24.0	21.6	80.3	0.0	2.3	2.3	1.0
30	17.8	27.8	22.4	83.7	0.0	26.4	26.4	8.3
31								
Total :					12.5	429.8	442.3	203.5
Promedio :	17.4	26.5	21.7	80.3				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	27.9	22.6	78.7	0.0	1.3	1.3	7.9
2	17.6	28.0	22.8	75.3	0.0	5.6	5.6	9.9
3	18.0	28.4	21.3	76.7	0.0	0.0	0.0	5.7
4	17.6	27.5	22.2	77.3	0.0	0.0	0.0	8.5
5	17.8	29.5	23.8	77.3	0.0	10.6	10.6	9.4
6	17.5	28.0	22.6	78.3	0.0	8.2	8.2	9.6
7	17.8	25.4	20.8	85.3	0.0	11.0	11.0	3.8
8	16.8	26.0	21.9	82.7	0.0	.2	.2	7.3
9	18.5	26.5	22.0	85.0	0.0	.8	.8	6.7
10	18.2	27.4	23.2	79.3	0.0	33.9	33.9	6.5
11	18.0	25.6	21.2	84.0	0.0	.6	.6	3.6
12	18.8	26.3	22.0	79.3	0.0	0.0	0.0	6.8
13	17.4	27.6	22.3	75.7	0.0	1.2	1.2	8.5
14	18.0	27.0	21.5	81.0	0.0	10.2	10.2	9.0
15	17.0	25.0	20.9	82.0	.5	18.1	18.6	2.7
16	16.2	26.5	21.8	82.7	.5	10.4	10.9	5.9
17	16.4	26.0	21.2	84.0	0.0	51.4	51.4	5.7
18	16.5	24.0	19.7	86.7	0.0	26.1	26.1	1.4
19	17.4	26.5	21.3	81.3	0.0	2.5	2.5	5.5
20	17.6	26.4	21.2	78.0	1.2	5.4	6.6	6.1
21	17.0	26.5	21.6	80.3	0.0	11.0	11.0	9.4
22	17.6	24.8	19.8	93.0	0.0	19.3	19.3	2.3
23	17.4	27.6	21.8	82.7	0.0	59.8	59.8	7.0
24	16.0	27.0	21.2	81.3	0.0	17.1	17.1	7.6
25	17.4	25.8	20.6	85.3	1.0	22.8	23.8	7.0
26	16.5	25.5	21.2	82.3	4.5	34.0	38.5	7.3
27	17.0	24.5	20.3	85.0	0.0	19.7	19.7	3.8
28	16.6	23.5	19.8	87.7	0.0	7.5	7.5	1.5
29	17.6	24.8	20.4	89.0	10.5	9.1	19.6	4.9
30	17.2	21.6	19.8	92.7	0.0	3.7	3.7	.3
31	16.8	24.8	20.6	88.7	.1	58.6	58.7	6.0
Total :					18.3	460.1	478.4	187.6
Promedio :	17.3	26.2	21.4	82.5				

Estación : COCORNA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : COCORNA

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	25.4	21.3	86.3	0.0	30.9	30.9	5.6
2	16.5	25.0	20.1	85.7	9.4	22.7	32.1	3.5
3	16.8	24.8	20.0	84.7	0.0	45.8	45.8	2.4
4	16.5	26.6	20.0	84.7	1.6	1.0	2.6	8.0
5	17.0	26.0	19.8	86.3	5.0	5.0	10.0	5.7
6	17.2	24.8	20.4	86.3	0.0	5.0	5.0	2.5
7	16.8	25.0	20.4	86.0	.4	30.9	31.3	4.5
8	16.5	25.0	20.0	86.3	0.0	20.0	20.0	3.6
9	16.0	25.4	20.3	85.7	3.5	4.6	8.1	4.7
10	15.8	26.4	21.6	82.7	0.0	3.6	3.6	8.6
11	16.4	26.9	21.5	73.7	0.0	1.6	1.6	9.2
12	18.0	27.3	22.3	81.7	0.0	31.1	31.1	6.9
13	16.6	25.2	20.7	81.7	0.0	2.1	2.1	6.0
14	16.8	26.4	21.7	78.7	0.0	4.7	4.7	8.5
15	16.0	26.7	21.6	79.7	0.0	0.0	0.0	5.4
16	18.6	27.6	22.6	81.7	0.0	0.0	0.0	8.0
17	18.0	25.2	21.4	85.3	0.0	8.1	8.1	1.4
18	17.0	27.0	20.9	83.7	3.1	3.2	6.3	6.1
19	16.6	26.0	21.2	84.3	0.0	.1	.1	7.1
20	18.0	26.8	21.7	81.7	0.0	.4	.4	7.7
21	18.8	27.4	22.0	82.0	0.0	0.0	0.0	7.8
22	18.2	27.5	22.8	80.7	0.0	5.5	5.5	9.1
23	16.6	25.4	21.6	81.7	0.0	21.0	21.0	6.3
24	17.6	26.5	22.0	83.3	0.0	18.6	18.6	9.7
25	18.0	26.5	21.8	83.0	0.0	14.9	14.9	6.6
26	18.6	27.8	22.5	84.0	0.0	7.5	7.5	8.4
27	18.8	27.0	22.5	86.7	0.0	4.9	4.9	6.1
28	19.0	26.5	21.6	84.7	0.0	17.1	17.1	5.7
29	17.5	26.8	21.7	81.3	0.0	0.0	0.0	5.1
30	18.0	26.6	23.2	77.0	0.0	15.4	15.4	8.7
31								
Total :					23.0	325.7	348.7	188.9
Promedio :	17.3	26.2	21.4	83.0				

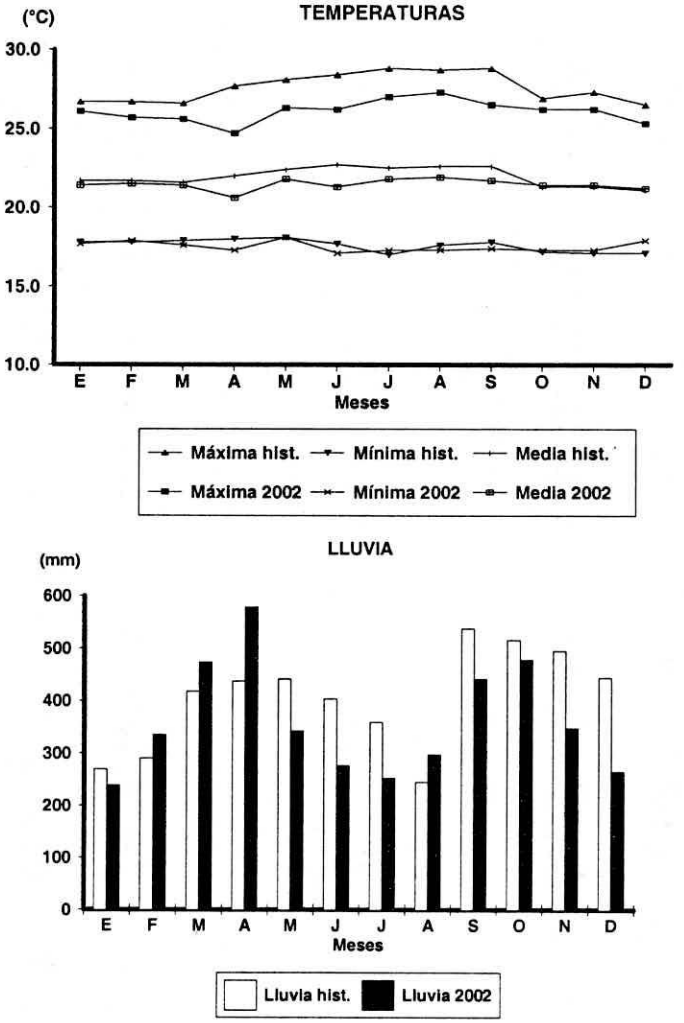
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	27.0	21.8	83.7	0.0	5.9	5.9	7.0
2	18.6	27.5	23.2	79.3	0.0	16.8	16.8	9.5
3	18.3	26.0	21.0	87.0	1.0	3.8	4.8	2.6
4	18.5	27.0	23.0	83.3	0.0	1.2	1.2	8.6
5	17.5	26.0	21.8	86.0	11.8	28.3	40.1	9.0
6	17.8	25.5	20.7	90.0	0.0	4.1	4.1	2.8
7	18.0	26.0	21.9	86.3	0.0	10.9	10.9	7.1
8	18.8	25.8	21.2	84.0	19.1	4.1	23.2	4.0
9	18.2	24.0	20.8	91.0	0.0	10.0	10.0	3.0
10	18.0	26.0	21.6	86.0	0.0	0.0	0.0	7.3
11	17.0	21.0	19.0	96.3	6.7	0.0	6.7	0.0
12	16.8	25.8	21.1	81.3	0.0	0.0	0.0	4.5
13	18.8	25.4	21.9	88.3	0.0	15.6	15.6	3.5
14	18.6	22.2	20.0	93.7	5.5	11.5	17.0	0.0
15	17.4	20.5	18.8	95.7	2.7	0.0	2.7	0.0
16	16.0	24.4	20.2	87.3	.6	2.2	2.8	2.3
17	17.5	22.6	19.8	90.0	2.5	30.8	33.3	1.1
18	17.4	23.0	19.7	89.7	6.3	.6	6.9	.8
19	17.8	26.4	21.6	84.3	0.0	0.0	0.0	7.4
20	17.5	26.5	21.0	82.0	1.8	1.0	2.8	4.9
21	17.4	25.0	20.4	87.7	.6	8.8	9.4	3.5
22	18.6	26.5	22.0	81.3	.6	1.5	2.1	7.8
23	18.0	26.5	22.4	82.0	0.0	3.6	3.6	8.6
24	18.2	27.6	22.4	82.3	0.0	0.0	0.0	7.9
25	19.5	27.0	21.6	79.3	0.0	.1	.1	6.2
26	18.2	26.8	22.4	81.7	0.0	17.7	17.7	7.4
27	16.8	26.5	21.8	81.3	0.0	1.7	1.7	7.8
28	18.0	26.0	22.0	84.3	.4	11.5	11.9	5.6
29	18.2	23.5	19.2	96.3	12.4	0.0	12.4	.9
30	17.8	24.5	21.4	86.0	0.0	.4	.4	1.1
31	19.2	26.6	21.6	83.3	1.4	.1	1.5	4.2
Total :					73.4	192.2	265.6	146.4
Promedio :	17.9	25.3	21.2	86.2				

Estación : COCORNA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : COCORNA

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	17.7	26.1	21.4	28.6	15.6	80.2	239.3	20	216.8
Febrero	17.9	25.7	21.5	27.8	16.4	83.3	335.6	21	163.2
Marzo	17.6	25.6	21.4	27.5	16.0	83.4	474.0	24	151.3
Abril	17.3	24.7	20.6	27.0	15.6	87.0	578.7	30	114.4
Mayo	18.1	26.3	21.8	29.8	16.4	82.4	343.1	21	164.3
Junio	17.1	26.2	21.3	28.5	16.0	80.3	277.1	15	210.7
Julio	17.3	27.0	21.8	28.8	15.8	76.5	253.3	12	232.5
Agosto	17.3	27.3	21.9	29.8	15.8	75.0	297.9	14	242.5
Septiembre	17.4	26.5	21.7	29.2	15.6	80.3	442.3	27	203.5
Octubre	17.3	26.2	21.4	29.5	16.0	82.5	478.4	28	187.6
Noviembre	17.3	26.2	21.4	27.8	15.8	83.0	348.7	26	188.9
Diciembre	17.9	25.3	21.2	27.6	16.0	86.2	265.6	27	146.4
Promedio :	17.5	26.1	21.4			81.7			
Absoluta :				29.8	15.6				
Total :							4334.0	265	2222.1



Estación : EL ROSARIO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : VENECIA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.6	21.6	64.7	0.0	0.0	0.0	9.2
2	16.8	26.0	20.9	64.7	0.0	0.0	0.0	8.4
3	17.6	25.9	20.4	75.7	0.0	10.1	10.1	3.6
4	16.4	25.2	20.3	70.0	0.0	0.0	0.0	7.7
5	16.0	25.6	20.6	61.3	0.0	0.0	0.0	9.6
6	16.8	25.4	21.0	71.3	0.0	0.0	0.0	8.6
7	17.8	25.2	20.6	70.0	0.0	21.4	21.4	4.2
8	15.8	24.4	19.7	75.0	.6	30.4	31.0	7.2
9	16.2	23.8	19.2	73.0	0.0	0.0	0.0	3.5
10	16.5	26.6	20.8	65.0	0.0	0.0	0.0	8.2
11	16.0	26.0	20.8	57.7	0.0	0.0	0.0	10.3
12	15.8	25.0	20.2	67.3	0.0	.3	.3	7.7
13	17.0	24.4	19.8	78.0	.2	14.9	15.1	2.1
14	16.0	24.6	19.5	77.7	.1	0.0	.1	4.2
15	17.1	26.8	21.2	68.3	0.0	0.0	0.0	7.9
16	17.2	27.4	21.2	65.3	0.0	0.0	0.0	10.4
17	17.0	26.9	21.2	63.3	0.0	0.0	0.0	10.5
18	16.8	26.4	20.8	67.3	0.0	0.0	0.0	8.6
19	16.5	27.3	21.4	60.7	0.0	0.0	0.0	9.6
20	17.0	25.6	20.3	71.3	0.0	0.0	0.0	4.4
21	17.2	26.9	20.8	73.0	1.6	0.0	1.6	9.3
22	16.8	26.4	19.2	77.3	4.8	0.0	4.8	7.3
23	16.5	27.8	22.0	63.0	0.0	0.0	0.0	10.5
24	17.8	27.4	22.4	60.0	0.0	0.0	0.0	8.2
25	18.0	26.0	21.8	69.3	0.0	0.0	0.0	6.4
26	18.6	26.4	21.6	67.7	0.0	0.0	0.0	4.9
27	17.0	27.6	22.2	58.0	0.0	0.0	0.0	8.2
28	18.0	27.4	22.8	50.0	0.0	0.0	0.0	8.2
29	18.0	28.2	22.8	53.7	.2	0.0	.2	7.7
30	18.4	23.6	20.1	68.3	0.0	0.0	0.0	1.4
31	16.8	24.4	20.6	78.0	0.0	0.0	0.0	3.0
Total :					7.5	77.1	84.6	221.0
Promedio :	17.0	26.0	20.9	67.3				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	27.8	22.5	57.7	0.0	0.0	0.0	7.7
2	17.8	26.4	22.4	66.0	0.0	0.0	0.0	4.5
3	18.0	25.0	21.0	71.0	.2	18.4	18.6	2.5
4	16.8	22.8	18.8	84.7	.8	.1	.9	1.0
5	16.5	26.8	21.1	58.7	0.0	0.0	0.0	10.5
6	17.0	26.6	21.6	58.7	0.0	.3	.3	9.2
7	16.5	24.4	19.2	72.0	.4	.8	1.2	3.6
8	16.0	22.4	18.3	84.7	4.8	1.8	6.6	2.0
9	15.6	23.8	19.2	73.7	0.0	2.6	2.6	3.2
10	16.2	26.6	20.0	70.0	0.0	0.0	0.0	6.2
11	16.8	26.4	20.7	70.7	2.0	0.0	2.0	7.0
12	17.4	27.0	22.0	58.3	.2	0.0	.2	7.5
13	17.5	28.6	20.8	65.3	0.0	0.0	0.0	9.4
14	16.6	27.6	21.2	61.7	0.0	0.0	0.0	7.5
15	17.5	27.8	21.8	60.0	0.0	6.1	6.1	8.9
16	17.0	27.4	22.2	61.0	0.0	0.0	0.0	9.7
17	18.0	28.0	22.4	61.7	0.0	0.0	0.0	8.7
18	17.8	28.6	23.0	58.0	0.0	0.0	0.0	10.4
19	18.0	23.6	19.7	79.0	.8	0.0	.8	2.7
20	17.5	27.8	22.1	59.3	0.0	0.0	0.0	9.6
21	18.5	28.6	23.2	58.3	0.0	.5	.5	9.2
22	18.0	27.2	21.3	70.0	.1	31.4	31.5	6.5
23	14.5	24.6	19.9	71.7	0.0	.5	.5	4.6
24	17.0	28.2	22.4	59.0	0.0	0.0	0.0	10.3
25	17.5	28.0	22.4	61.3	0.0	.7	.7	9.3
26	18.0	28.2	22.2	62.3	2.3	.1	2.4	7.2
27	17.4	24.8	19.4	82.3	12.3	.3	12.6	1.5
28	16.5	27.5	22.0	55.3	0.0	0.0	0.0	9.6
29								
30								
31								
Total :					23.9	63.6	87.5	190.0
Promedio :	17.1	26.5	21.2	66.2				

Estación : EL ROSARIO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : VENECIA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.7	22.8	51.7	0.0	0.0	0.0	7.7
2	17.2	29.8	23.5	56.7	0.0	3.7	3.7	10.4
3	17.2	28.6	22.6	59.3	0.0	.4	.4	10.1
4	17.5	28.0	22.4	58.0	0.0	0.0	0.0	9.3
5	16.6	26.4	20.9	58.0	0.0	0.0	0.0	7.4
6	17.4	27.4	20.9	59.3	1.5	0.0	1.5	7.8
7	17.2	27.8	21.2	65.0	1.1	0.0	1.1	8.2
8	17.6	28.0	22.8	59.7	0.0	0.0	0.0	9.0
9	17.2	28.2	21.6	63.3	.5	0.0	.5	6.6
10	17.0	28.4	22.2	61.3	.3	0.0	.3	8.8
11	17.5	27.2	21.3	65.7	.6	2.6	3.2	7.3
12	17.0	23.8	20.0	71.0	0.0	0.0	0.0	1.2
13	17.8	28.2	22.1	55.0	.5	.9	1.4	6.3
14	17.4	25.0	20.0	74.3	.8	0.0	.8	2.6
15	17.0	22.4	19.8	74.7	1.1	0.0	1.1	1.0
16	18.0	27.2	21.7	58.3	0.0	.8	.8	7.2
17	17.4	26.6	20.4	68.7	0.0	0.0	0.0	3.1
18	17.5	26.8	21.9	57.3	0.0	0.0	0.0	6.0
19	17.8	21.8	19.6	73.0	0.0	0.0	0.0	0.0
20	17.0	25.2	20.4	69.3	9.0	39.3	48.3	2.6
21	16.6	20.0	17.6	90.7	7.7	0.0	7.7	.2
22	17.0	26.2	19.6	73.7	18.6	0.0	18.6	2.5
23	16.5	25.2	19.8	67.7	2.5	0.0	2.5	3.3
24	18.0	27.4	21.4	67.3	0.0	7.5	7.5	4.2
25	16.4	29.0	22.2	56.0	0.0	0.0	0.0	8.4
26	18.4	29.0	22.8	60.0	0.0	0.0	0.0	8.0
27	16.0	27.2	19.4	73.7	32.7	0.0	32.7	6.0
28	16.2	25.4	20.5	66.7	0.0	23.4	23.4	6.7
29	16.8	20.8	18.2	87.0	19.2	0.0	19.2	.8
30	16.6	27.0	22.4	59.3	0.0	0.0	0.0	10.0
31	18.0	29.6	23.2	55.0	0.0	0.0	0.0	9.3
Total :					96.1	78.6	174.7	182.0
Promedio :	17.2	26.5	21.1	65.1				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	25.4	21.7	73.0	0.0	4.0	4.0	2.3
2	17.4	21.4	18.6	81.3	3.0	0.0	3.0	.1
3	17.0	26.4	20.0	75.0	13.1	0.0	13.1	6.2
4	15.2	28.0	22.0	65.0	20.4	0.0	20.4	5.9
5	18.0	26.6	21.9	68.7	1.8	1.9	3.7	4.8
6	15.6	26.8	19.6	71.0	38.0	0.0	38.0	5.9
7	17.0	19.6	17.7	86.7	2.6	0.0	2.6	.1
8	16.7	25.8	19.0	76.0	6.7	10.7	17.4	6.0
9	15.6	24.8	17.9	80.0	.5	6.1	6.6	3.7
10	15.4	22.0	18.8	73.7	0.0	.3	.3	1.0
11	16.2	22.2	18.0	83.7	0.0	0.0	0.0	1.2
12	16.4	26.4	19.7	68.0	.7	29.0	29.7	6.6
13	14.6	24.6	19.2	65.3	.3	3.4	3.7	4.4
14	16.2	25.0	19.5	71.3	3.5	0.0	3.5	6.5
15	16.8	27.0	21.2	68.0	1.1	1.0	2.1	8.4
16	17.5	25.8	21.8	65.7	2.2	.1	2.3	4.8
17	17.8	25.4	20.6	70.0	.5	11.9	12.4	3.4
18	16.6	21.8	19.2	85.7	0.0	0.0	0.0	0.0
19	14.8	24.2	19.4	76.7	29.6	3.5	33.1	2.6
20	16.8	25.4	20.0	74.3	2.1	7.5	9.6	4.0
21	17.2	23.8	20.1	76.7	1.7	0.0	1.7	2.3
22	17.0	26.8	21.8	67.0	.3	.3	.6	9.4
23	17.4	25.0	20.0	78.7	2.8	.1	2.9	3.4
24	17.6	27.6	20.2	72.3	20.2	20.2	40.4	5.8
25	16.4	20.2	17.8	91.7	1.2	3.7	4.9	0.0
26	16.0	23.0	18.8	85.7	.4	23.2	23.6	1.7
27	16.4	25.0	18.9	83.3	1.1	0.0	1.1	2.9
28	16.6	24.0	19.1	77.3	3.2	0.0	3.2	2.0
29	16.5	26.6	19.8	75.3	6.2	11.4	17.6	7.2
30	17.2	23.0	19.6	84.3	2.0	0.0	2.0	.1
31								
Total :					165.2	138.3	303.5	112.7
Promedio :	16.6	24.7	19.7	75.7				

Estación : EL ROSARIO
Año : 2002

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	17.4	25.6	20.0	75.0	12.5	.1	12.6	7.3
2	17.6	27.0	22.4	64.0	0.0	0.0	0.0	8.9
3	18.2	27.6	21.0	68.3	15.9	1.0	16.9	8.7
4	16.6	27.0	22.4	56.3	0.0	0.0	0.0	10.2
5	19.0	27.8	22.9	56.3	0.0	0.0	0.0	9.9
6	19.0	27.8	23.4	55.7	0.0	0.0	0.0	9.7
7	19.0	27.6	22.8	59.3	0.0	0.0	0.0	6.2
8	18.4	24.2	20.6	85.0	0.0	0.0	0.0	.5
9	18.0	27.6	21.6	63.7	.5	0.0	.5	7.0
10	17.4	27.2	20.4	67.3	9.7	.6	10.3	8.1
11	17.6	24.2	21.0	74.0	0.0	0.0	0.0	0.0
12	17.2	29.0	23.6	57.3	0.0	0.0	0.0	11.1
13	18.8	27.4	22.6	59.3	0.0	0.0	0.0	3.3
14	18.3	27.8	23.4	57.0	0.0	0.0	0.0	3.1
15	19.2	27.0	22.2	66.3	0.0	3.6	3.6	7.9
16	18.0	25.8	21.9	65.7	0.0	.2	.2	4.1
17	19.0	26.8	21.2	78.0	1.7	40.6	42.3	2.4
18	16.8	25.8	19.8	83.7	.8	4.5	5.3	4.0
19	16.5	23.0	19.2	82.7	0.0	0.0	0.0	1.1
20	18.0	26.6	21.1	72.7	0.0	21.3	21.3	6.5
21	16.6	24.6	19.8	82.3	0.0	0.0	0.0	1.3
22	17.6	22.6	18.7	85.0	18.2	0.0	18.2	.8
23	15.5	24.8	18.6	79.0	9.0	2.2	11.2	3.2
24	15.4	27.4	20.6	71.0	0.0	8.0	8.0	6.5
25	17.2	21.6	18.2	89.7	23.1	.4	23.5	0.0
26	13.8	23.8	18.3	79.3	0.0	0.0	0.0	5.9
27	17.0	26.2	19.5	74.7	17.4	14.1	31.5	7.5
28	15.0	23.2	18.6	79.3	2.7	3.9	6.6	6.0
29	15.2	25.0	19.9	68.7	0.0	38.4	38.4	5.5
30	15.4	23.2	18.6	86.7	1.1	.5	1.6	1.8
31	17.2	22.2	18.7	88.0	0.0	0.0	0.0	.1
Total :					112.6	139.4	252.0	158.6
Promedio :	17.3	25.7	20.7	72.0				

Junio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	24.8	19.2	78.7	1.4	46.5	47.9	5.2
2	15.4	21.4	18.0	82.0	0.0	0.0	0.0	3.5
3	16.0	23.0	18.5	83.3	7.0	.4	7.4	5.9
4	16.8	20.4	18.0	90.7	.3	.6	.9	0.0
5	16.6	22.8	18.4	84.0	17.8	25.0	42.8	1.2
6	15.0	21.8	17.8	87.3	8.0	1.5	9.5	1.4
7	16.4	21.8	17.8	81.3	1.6	0.0	1.6	3.1
8	15.8	25.8	20.3	69.3	0.0	33.3	33.3	6.8
9	16.0	23.4	18.4	84.0	.9	0.0	.9	3.5
10	16.8	26.0	20.9	73.3	0.0	16.2	16.2	7.4
11	16.0	25.2	20.4	74.7	0.0	.5	.5	7.5
12	17.0	24.4	20.1	75.3	.5	2.0	2.5	6.1
13	16.6	24.4	20.4	73.7	0.0	0.0	0.0	4.2
14	17.2	26.4	21.0	75.3	5.0	1.5	6.5	9.1
15	17.0	24.4	20.8	71.0	2.5	0.0	2.5	6.4
16	17.6	26.8	22.1	66.7	0.0	0.0	0.0	9.8
17	17.5	25.8	21.5	72.0	0.0	9.7	9.7	9.4
18	16.6	25.4	20.2	79.3	0.0	0.0	0.0	7.1
19	17.2	27.8	23.1	51.3	0.0	0.0	0.0	11.6
20	17.6	27.0	22.7	55.0	0.0	0.0	0.0	9.7
21	17.8	27.2	22.8	59.3	0.0	0.0	0.0	10.4
22	18.0	27.8	23.1	56.3	0.0	0.0	0.0	10.9
23	17.8	26.4	22.4	54.7	0.0	0.0	0.0	7.8
24	18.0	26.8	22.5	61.0	0.0	0.0	0.0	8.5
25	17.7	27.2	22.2	65.7	0.0	0.0	0.0	8.5
26	18.6	28.4	23.6	53.3	0.0	0.0	0.0	10.6
27	18.2	27.4	23.3	56.0	0.0	0.0	0.0	9.1
28	18.0	26.2	22.2	71.0	0.0	0.0	0.0	6.1
29	17.5	27.6	20.2	80.7	24.1	0.0	24.1	10.8
30	16.4	27.4	22.8	55.0	0.0	0.0	0.0	7.3
31								
Total :					69.1	137.2	206.3	208.9
Promedio :	17.0	25.4	20.8	70.7				

Estación : EL ROSARIO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : VENECIA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	27.2	23.3	51.7	0.0	0.0	0.0	4.9
2	18.8	27.4	23.3	53.0	0.0	0.0	0.0	6.3
3	18.0	28.2	23.4	57.3	0.0	0.0	0.0	10.5
4	19.4	26.4	21.9	68.3	1.0	3.6	4.6	3.2
5	17.0	25.0	19.3	83.7	7.1	11.5	18.6	4.1
6	15.6	21.2	18.2	86.0	0.0	0.0	0.0	0.0
7	16.5	25.6	21.2	72.0	0.0	0.0	0.0	7.3
8	17.5	27.8	23.0	62.0	0.0	0.0	0.0	10.4
9	18.2	27.6	23.3	57.3	0.0	0.0	0.0	9.7
10	18.5	25.8	21.6	74.3	0.0	0.0	0.0	1.4
11	17.5	26.4	20.1	78.3	1.5	0.0	1.5	7.6
12	16.5	27.2	21.8	60.3	0.0	0.0	0.0	10.3
13	17.5	27.8	23.3	45.0	0.0	0.0	0.0	11.3
14	18.6	27.2	22.8	50.0	0.0	0.0	0.0	8.8
15	17.6	26.4	21.7	63.0	0.0	0.0	0.0	7.7
16	17.0	25.8	21.2	73.3	0.0	1.4	1.4	6.0
17	15.0	26.4	21.5	68.0	36.6	12.0	48.6	7.0
18	15.8	24.4	19.6	74.0	.3	0.0	.3	3.4
19	16.8	25.4	20.6	72.7	0.0	16.4	16.4	9.4
20	16.2	25.0	19.3	80.7	0.0	2.9	2.9	3.6
21	15.6	24.2	19.6	69.7	0.0	.2	.2	4.5
22	16.6	26.0	21.7	64.3	0.0	0.0	0.0	8.0
23	17.6	26.8	21.2	67.0	1.6	16.1	17.7	7.2
24	14.5	25.2	20.2	65.0	0.0	4.0	4.0	7.9
25	15.5	25.6	20.6	69.0	0.0	0.0	0.0	7.7
26	16.5	27.8	22.6	51.7	0.0	0.0	0.0	11.4
27	18.0	25.8	21.8	61.0	0.0	0.0	0.0	8.8
28	17.6	28.3	22.8	50.7	0.0	0.0	0.0	8.8
29	17.5	27.6	23.1	41.7	0.0	0.0	0.0	11.2
30	17.4	27.8	22.8	38.3	0.0	.5	.5	10.6
31	16.6	25.2	20.5	66.3	0.0	0.0	0.0	5.1
Total :					48.1	68.6	116.7	224.1
Promedio :	17.1	26.3	21.5	63.7				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	26.6	21.2	61.7	0.0	0.0	0.0	8.4
2	17.4	26.4	22.4	56.0	0.0	3.1	3.1	7.9
3	16.2	26.2	21.9	55.7	0.0	0.0	0.0	8.3
4	17.0	27.8	23.0	51.7	0.0	6.8	6.8	9.7
5	16.0	26.0	20.6	67.3	0.0	0.0	0.0	8.3
6	16.8	28.0	22.6	55.7	0.0	0.0	0.0	8.9
7	17.8	26.6	22.5	57.3	0.0	0.0	0.0	5.0
8	17.4	27.2	22.2	55.0	0.0	1.4	1.4	8.6
9	16.0	26.8	20.3	67.0	.3	0.0	.3	7.6
10	16.2	28.6	22.8	53.7	0.0	0.0	0.0	10.9
11	18.4	27.8	22.8	46.7	0.0	0.0	0.0	8.3
12	17.7	29.0	24.0	40.0	0.0	0.0	0.0	10.9
13	18.4	28.2	23.9	50.0	0.0	0.0	0.0	8.8
14	18.7	29.6	24.1	48.0	0.0	0.0	0.0	10.2
15	19.0	29.8	23.8	48.0	0.0	0.0	0.0	8.3
16	18.6	28.6	24.0	40.0	0.0	0.0	0.0	10.0
17	19.4	28.4	24.0	35.7	0.0	0.0	0.0	10.2
18	18.4	28.2	23.2	46.0	0.0	0.0	0.0	10.0
19	18.0	26.6	22.5	58.7	0.0	0.0	0.0	3.0
20	17.3	28.4	23.0	58.0	0.0	0.0	0.0	8.7
21	17.6	30.2	24.4	50.0	0.0	0.0	0.0	9.4
22	18.5	30.0	23.4	52.0	0.0	0.0	0.0	7.5
23	17.0	26.8	20.2	70.3	10.6	0.0	10.6	4.3
24	16.0	29.0	22.9	56.3	0.0	0.0	0.0	9.6
25	18.6	27.8	22.6	62.7	0.0	7.9	7.9	6.4
26	16.0	25.4	20.2	70.3	0.0	9.1	9.1	5.9
27	15.1	22.5	18.9	82.0	1.0	0.0	1.0	.8
28	16.5	26.6	19.6	72.3	1.0	0.0	1.0	4.5
29	16.0	19.8	17.4	93.7	3.0	0.0	3.0	0.0
30	15.4	27.2	20.8	65.3	.2	4.8	5.0	7.4
31	17.0	25.0	20.2	70.7	.8	0.0	.8	5.8
Total :					16.9	33.1	50.0	233.6
Promedio :	17.2	27.3	22.1	58.0				

Estación : EL ROSARIO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : VENECIA

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.6	20.1	76.0	9.7	21.0	30.7	7.2
2	15.6	25.8	19.2	73.0	.7	.1	.8	5.5
3	17.0	27.6	22.0	64.3	0.0	10.0	10.0	9.7
4	16.2	28.0	22.1	63.3	0.0	0.0	0.0	9.8
5	18.0	26.2	22.0	63.3	0.0	0.0	0.0	5.0
6	17.5	28.0	22.6	55.7	0.0	0.0	0.0	7.6
7	17.6	28.4	23.4	48.0	0.0	0.0	0.0	10.7
8	17.4	29.2	23.3	51.7	0.0	0.0	0.0	10.3
9	17.6	28.4	22.7	58.7	0.0	0.0	0.0	7.7
10	18.4	25.8	21.6	70.7	1.9	.7	2.6	6.3
11	17.0	26.0	20.6	67.0	3.1	0.0	3.1	5.6
12	17.6	26.8	21.8	60.3	0.0	0.0	0.0	7.0
13	17.4	28.4	22.0	59.3	0.0	0.0	0.0	9.4
14	18.0	26.0	21.6	60.0	0.0	3.4	3.4	3.6
15	17.0	28.4	21.6	59.3	0.0	.3	.3	8.9
16	17.4	27.2	20.8	70.7	0.0	1.2	1.2	6.4
17	17.1	21.6	18.8	86.7	4.7	3.8	8.5	.3
18	16.8	22.6	19.0	83.7	0.0	7.9	7.9	.7
19	16.5	26.0	20.7	69.0	0.0	.3	.3	6.7
20	17.0	26.2	21.2	67.7	0.0	0.0	0.0	3.7
21	17.8	28.4	22.3	61.7	0.0	0.0	0.0	7.4
22	17.6	27.0	22.7	56.7	0.0	11.0	11.0	7.7
23	14.6	26.6	21.3	61.3	0.0	.2	.2	7.4
24	16.8	25.8	21.0	69.0	0.0	1.2	1.2	3.3
25	16.6	25.5	20.3	71.7	0.0	18.3	18.3	5.3
26	15.4	23.6	19.0	71.0	0.0	0.0	0.0	3.3
27	17.0	26.0	20.7	67.0	0.0	38.5	38.5	5.6
28	15.2	23.0	18.6	80.3	.2	0.0	.2	2.9
29	16.6	26.6	20.6	66.7	0.0	0.0	0.0	6.6
30	16.4	26.2	20.7	68.7	0.0	0.0	0.0	5.4
31								
Total					20.3	117.9	138.2	187.0
Promedio :	17.0	26.4	21.1	66.1				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	27.2	21.6	65.0	0.0	0.0	0.0	8.2
2	17.2	27.4	22.8	59.3	0.0	0.0	0.0	8.9
3	18.0	27.6	21.4	63.7	2.5	0.0	2.5	8.7
4	17.2	26.8	22.0	64.7	0.0	0.0	0.0	4.9
5	17.4	27.5	22.7	59.7	0.0	.5	.5	8.4
6	16.6	27.2	22.2	62.3	0.0	.2	.2	9.1
7	15.8	23.4	18.4	82.3	50.0	0.0	50.0	1.7
8	15.0	25.8	20.2	71.7	0.0	0.0	0.0	8.9
9	17.0	26.6	21.5	65.7	0.0	0.0	0.0	7.1
10	17.4	25.4	21.8	70.0	0.0	13.3	13.3	3.9
11	16.6	22.2	19.2	78.0	.2	0.0	.2	.6
12	17.2	25.8	21.1	69.0	0.0	0.0	0.0	5.1
13	17.0	25.6	20.0	67.7	3.2	0.0	3.2	6.0
14	16.8	27.8	21.1	67.7	1.8	4.5	6.3	10.1
15	17.1	26.4	20.9	74.7	0.0	0.0	0.0	4.3
16	17.0	26.0	20.8	71.0	0.0	46.8	46.8	6.2
17	14.6	23.0	19.2	74.3	1.4	2.1	3.5	2.8
18	16.2	22.2	18.6	81.3	0.0	0.0	0.0	.1
19	17.0	26.2	18.8	76.3	16.4	0.0	16.4	4.3
20	16.0	25.4	19.2	76.7	.8	5.4	6.2	5.6
21	15.4	25.4	19.5	75.0	4.0	1.1	5.1	6.0
22	15.6	22.0	18.0	87.0	2.1	0.0	2.1	1.0
23	15.5	25.2	19.7	68.0	5.4	28.1	33.5	6.5
24	15.6	23.2	19.2	81.7	.2	11.5	11.7	2.8
25	16.0	26.6	19.6	69.0	.4	0.0	.4	7.6
26	17.0	23.4	19.4	81.7	.3	1.9	2.2	2.5
27	16.1	21.0	17.7	92.3	7.2	36.9	44.1	.8
28	15.5	21.8	18.8	81.3	2.0	8.5	10.5	0.0
29	16.4	22.2	18.8	80.7	14.0	55.9	69.9	.6
30	15.6	20.0	17.6	87.3	2.3	.4	2.7	.7
31	16.5	24.0	19.7	78.7	0.0	0.0	0.0	6.2
Total					114.2	217.1	331.3	149.6
Promedio :	16.4	24.8	20.0	73.7				

Estación : EL ROSARIO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : VENECIA

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.4	20.6	66.0	5.9	7.8	13.7	3.9
2	16.5	23.7	18.8	78.0	2.3	2.9	5.2	1.4
3	16.4	22.8	18.4	81.3	1.0	0.0	1.0	2.7
4	15.8	25.6	19.7	72.0	.2	.9	1.1	6.6
5	15.0	23.8	19.4	76.7	0.0	16.3	16.3	3.3
6	14.7	23.6	18.6	78.0	0.0	53.4	53.4	2.9
7	16.0	21.0	18.2	86.3	0.0	37.5	37.5	1.7
8	15.1	21.6	17.6	78.3	19.5	.6	20.1	1.0
9	16.0	24.0	18.8	77.7	7.6	0.0	7.6	5.7
10	16.5	26.4	20.8	72.0	0.0	0.0	0.0	9.0
11	17.0	25.0	21.0	70.3	0.0	.1	.1	7.0
12	16.6	25.4	20.7	68.3	.3	0.0	.3	4.9
13	16.4	24.0	19.6	73.7	0.0	17.6	17.6	6.5
14	15.7	26.0	20.4	73.0	0.0	0.0	0.0	6.3
15	17.0	25.8	20.3	74.0	.2	0.0	.2	4.5
16	16.8	26.8	21.7	66.3	0.0	0.0	0.0	8.4
17	17.5	24.6	20.2	66.3	2.4	.1	2.5	2.5
18	17.0	23.0	18.9	82.0	15.1	0.0	15.1	5.2
19	16.6	24.2	19.4	77.7	3.9	0.0	3.9	3.4
20	16.0	26.8	21.3	63.0	0.0	0.0	0.0	10.3
21	18.0	26.2	21.7	69.0	5.3	0.0	5.3	7.3
22	17.4	26.6	22.0	61.3	0.0	0.0	0.0	8.9
23	17.0	26.5	20.9	66.0	0.0	0.0	0.0	8.5
24	17.8	26.4	21.3	73.0	0.0	0.0	0.0	9.4
25	17.5	26.8	22.4	66.0	0.0	0.0	0.0	7.1
26	18.0	27.0	22.9	66.3	3.0	0.0	3.0	8.0
27	19.0	25.5	21.8	71.0	0.0	0.0	0.0	3.7
28	17.6	25.2	21.2	75.0	0.0	0.0	0.0	3.2
29	14.4	25.6	20.0	70.3	31.0	0.0	31.0	4.3
30	17.0	26.8	21.8	63.7	0.0	0.0	0.0	10.0
31								
Total :					97.7	137.2	234.9	167.6
Promedio :	16.7	25.1	20.3	72.1				

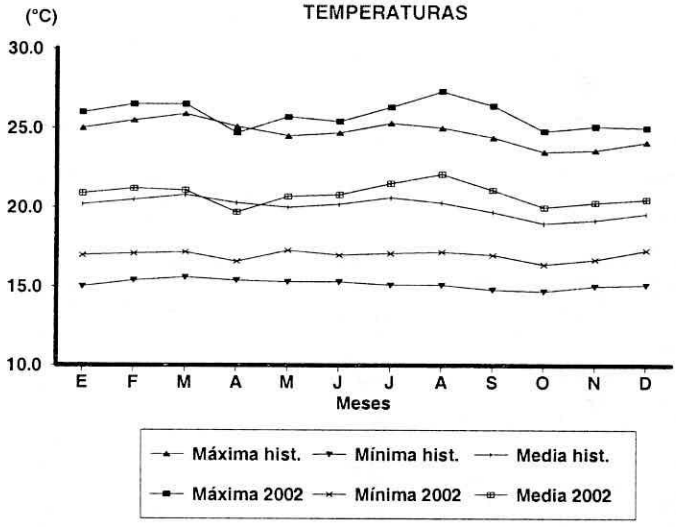
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	27.6	22.1	63.7	0.0	0.0	0.0	6.4
2	18.0	26.2	22.3	64.7	1.9	0.0	1.9	7.8
3	17.3	25.2	21.3	70.3	0.0	0.0	0.0	4.6
4	18.0	26.4	21.3	74.0	0.0	.1	.1	6.5
5	17.0	26.4	20.3	69.0	0.0	0.0	0.0	3.9
6	17.6	24.9	20.2	80.7	.8	.1	.9	2.9
7	17.2	25.8	21.2	70.7	0.0	0.0	0.0	5.6
8	18.2	22.8	19.7	87.3	1.8	2.4	4.2	.2
9	17.0	26.0	19.7	78.3	0.0	0.0	0.0	0.0
10	17.5	26.8	21.8	68.3	.2	0.0	.2	6.5
11	18.4	23.6	20.2	77.7	16.1	0.0	16.1	1.9
12	17.8	26.0	21.2	73.3	0.0	0.0	0.0	6.3
13	18.6	25.2	21.2	75.0	0.0	0.0	0.0	2.5
14	18.5	21.8	19.0	94.0	9.6	38.1	47.7	0.0
15	16.0	17.8	16.8	96.7	15.5	0.0	15.5	0.0
16	15.5	22.6	18.2	85.0	17.8	1.2	19.0	1.5
17	15.8	20.9	17.4	93.7	68.5	41.8	110.3	.2
18	15.6	21.6	18.0	83.7	5.5	0.0	5.5	1.5
19	16.3	25.6	19.3	76.0	5.5	0.0	5.5	6.7
20	16.6	25.4	19.8	75.3	.7	.1	.8	5.7
21	16.5	24.0	20.0	71.3	21.0	0.0	21.0	2.5
22	17.2	26.2	21.4	71.0	0.0	0.0	0.0	9.4
23	17.0	27.0	21.8	67.3	0.0	0.0	0.0	10.1
24	17.4	26.8	21.8	68.0	0.0	0.0	0.0	7.8
25	17.1	26.6	21.4	64.3	.5	0.0	.5	7.1
26	16.8	27.2	21.7	63.3	0.0	0.0	0.0	10.4
27	18.6	27.4	22.2	68.7	0.0	0.0	0.0	7.9
28	17.8	26.8	21.4	71.0	0.0	0.0	0.0	5.6
29	18.6	25.2	20.6	76.0	.1	0.0	.1	1.1
30	17.7	24.4	21.2	73.3	0.0	0.0	0.0	1.5
31	17.6	25.8	21.8	74.3	0.0	0.0	0.0	4.8
Total :					165.5	83.8	249.3	138.9
Promedio :	17.3	25.0	20.5	75.0				

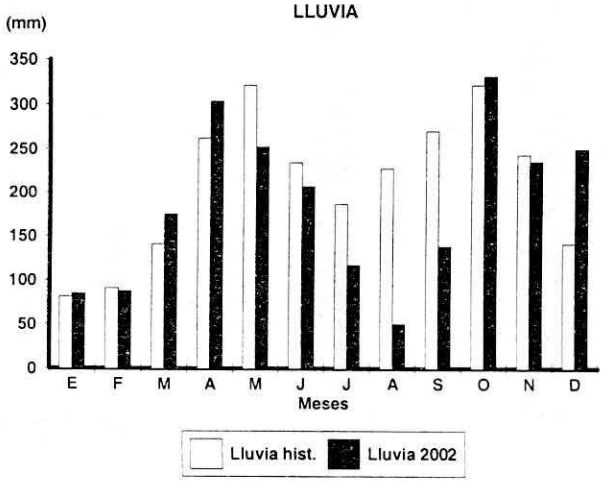
Estación : EL ROSARIO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : VENECIA

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	17.0	26.0	20.9	28.2	15.8	67.3	84.6	9	221.0
Febrero	17.1	26.5	21.2	28.6	14.5	66.2	87.5	16	190.0
Marzo	17.2	26.5	21.1	29.8	16.0	65.1	174.7	19	182.0
Abril	16.6	24.7	19.7	28.0	14.6	75.7	303.5	28	112.7
Mayo	17.3	25.7	20.7	29.0	13.8	72.0	252.0	17	158.6
Junio	17.0	25.4	20.8	28.4	15.0	70.7	206.3	15	208.9
Julio	17.1	26.3	21.5	28.3	14.5	63.7	116.7	12	224.1
Agosto	17.2	27.3	22.1	30.2	15.1	58.0	50.0	12	233.6
Septiembre	17.0	26.4	21.1	29.2	14.6	66.1	138.2	17	187.0
Octubre	16.4	24.8	20.0	27.8	14.6	73.7	331.3	22	149.6
Noviembre	16.7	25.1	20.3	27.0	14.4	72.1	234.9	19	167.6
Diciembre	17.3	25.0	20.5	27.6	15.5	75.0	249.3	16	138.9
Promedio :	17.0	25.8	20.8			68.8			
Absoluta :				30.2	13.8				
Total :							2229.0	202	2174.0





Estación : EL TRAPICHE
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	30.7	22.7	71.7	0.0	0.0	0.0	8.3
2	18.3	29.3	21.8	77.7	0.0	0.0	0.0	6.4
3	18.5	27.1	21.6	81.3	0.0	18.7	18.7	4.2
4	16.9	29.0	21.5	75.7	0.0	0.0	0.0	7.1
5	15.4	29.7	20.6	75.3	0.0	0.0	0.0	8.5
6	16.7	28.8	21.2	80.3	0.0	.4	.4	4.4
7	18.8	27.0	21.9	80.7	0.0	20.9	20.9	6.6
8	17.4	28.6	21.0	79.3	0.0	1.5	1.5	5.7
9	17.0	28.9	21.0	82.0	0.0	0.0	0.0	7.3
10	17.8	30.1	21.5	73.3	0.0	0.0	0.0	7.9
11	17.5	30.0	21.6	71.3	0.0	0.0	0.0	7.6
12	17.0	29.3	21.6	75.7	0.0	1.9	1.9	3.8
13	18.3	26.9	22.0	79.0	2.2	4.7	6.9	2.3
14	18.5	28.2	20.6	82.7	0.0	0.0	0.0	3.4
15	18.0	31.0	21.9	71.3	0.0	0.0	0.0	7.3
16	18.1	31.8	22.3	71.0	0.0	3.8	3.8	8.2
17	18.3	31.7	22.0	69.7	0.0	0.0	0.0	8.0
18	17.0	31.0	22.3	68.7	0.0	0.0	0.0	8.1
19	16.0	31.5	22.0	70.7	0.0	0.0	0.0	8.6
20	18.2	29.7	22.0	76.3	0.0	0.0	0.0	3.7
21	18.0	31.2	22.3	72.0	0.0	.1	.1	8.2
22	17.8	30.7	21.8	75.0	3.2	0.0	3.2	6.1
23	15.7	30.2	21.8	68.0	0.0	0.0	0.0	5.9
24	16.9	30.8	21.9	70.3	0.0	0.0	0.0	7.2
25	16.7	29.7	22.4	72.0	0.0	0.0	0.0	4.6
26	18.3	30.2	22.2	73.3	0.0	0.0	0.0	5.1
27	16.0	30.5	23.4	61.7	0.0	0.0	0.0	8.6
28	17.0	32.2	24.0	65.3	0.0	0.0	0.0	7.3
29	16.0	32.9	23.6	69.0	0.0	.3	.3	7.2
30	17.5	26.8	20.0	88.0	.8	0.0	.8	1.8
31	15.4	27.7	21.4	78.0	0.0	0.0	0.0	1.8
Total :					6.2	52.3	58.5	191.2
Promedio :	17.3	29.8	21.9	74.4				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.9	33.0	23.1	71.3	0.0	.6	.6	6.7
2	19.1	31.3	23.6	70.7	0.0	0.0	0.0	5.0
3	19.2	27.5	22.4	86.3	8.0	3.0	11.0	1.2
4	18.5	24.4	20.2	87.3	2.1	0.0	2.1	0.0
5	17.0	30.6	22.2	67.0	0.0	0.0	0.0	8.6
6	16.7	30.5	21.7	68.7	0.0	0.0	0.0	8.1
7	16.4	27.1	21.0	70.3	0.0	0.0	0.0	2.9
8	16.5	24.3	19.5	82.7	0.0	4.9	4.9	.8
9	16.0	27.9	20.0	80.7	0.0	31.4	31.4	2.6
10	16.6	29.4	21.5	80.0	0.0	0.0	0.0	7.4
11	17.0	30.2	22.3	75.0	0.0	10.2	10.2	7.7
12	17.4	30.0	21.8	76.3	0.0	0.0	0.0	5.6
13	18.0	30.7	22.7	74.0	0.0	12.2	12.2	8.7
14	17.0	30.5	21.9	73.0	0.0	0.0	0.0	7.9
15	18.6	30.1	22.4	72.3	0.0	4.5	4.5	7.5
16	18.2	30.3	21.4	75.3	.2	0.0	.2	6.1
17	18.4	30.8	23.3	73.0	0.0	0.0	0.0	8.2
18	19.0	32.5	23.2	70.0	0.0	0.0	0.0	8.4
19	16.9	28.2	20.4	84.0	0.0	0.0	0.0	3.2
20	17.3	31.1	22.2	70.3	0.0	0.0	0.0	8.8
21	17.2	32.2	23.0	67.7	0.0	8.4	8.4	8.7
22	18.0	30.6	22.2	73.3	.9	19.3	20.2	3.4
23	15.8	27.4	21.0	78.0	0.0	1.9	1.9	9.3
24	15.2	31.6	22.7	67.3	0.0	0.0	0.0	6.3
25	16.4	31.2	23.0	67.7	0.0	0.0	0.0	9.1
26	19.0	31.5	23.5	70.0	0.0	0.0	0.0	8.2
27	18.0	30.1	23.1	72.0	0.0	4.8	4.8	3.4
28	16.0	31.4	22.1	68.3	0.0	0.0	0.0	8.3
29								
30								
31								
Total :					11.2	101.2	112.4	172.1
Promedio :	17.4	29.9	22.0	74.0				

Estación : EL TRAPICHE
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

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

Marzo	Temperatura (ºC) Min.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	32.0	23.1	64.3	0.0	0.0	0.0	5.7
2	16.0	32.8	23.8	65.0	0.0	5.6	5.6	8.9
3	18.6	33.0	23.2	66.3	0.0	0.0	0.0	9.1
4	18.6	31.1	24.1	66.3	0.0	0.0	0.0	7.8
5	17.2	30.0	22.4	67.3	0.0	.1	.1	8.4
6	17.0	30.2	23.8	66.3	0.0	0.0	0.0	7.4
7	17.2	30.8	23.6	69.3	.1	0.0	.1	8.5
8	17.4	32.2	23.7	65.3	0.0	0.0	0.0	8.3
9	17.0	32.3	23.0	66.3	0.0	0.0	0.0	8.4
10	16.8	31.0	24.0	64.0	0.0	0.0	0.0	8.0
11	16.6	30.3	22.0	74.0	1.6	7.8	9.4	6.3
12	17.8	26.2	21.4	82.7	0.0	.3	.3	.3
13	17.0	30.5	24.0	66.0	0.0	13.4	13.4	6.0
14	17.7	28.0	21.4	78.0	3.1	.2	3.3	3.1
15	17.8	25.1	20.8	83.3	5.6	0.0	5.6	1.8
16	18.0	30.2	24.1	69.3	0.0	24.2	24.2	6.8
17	16.6	29.7	22.8	73.0	0.0	.1	.1	5.7
18	17.0	29.0	22.0	76.0	0.0	24.1	24.1	3.2
19	16.8	24.6	20.0	84.7	.6	0.0	.6	.2
20	16.2	27.8	21.5	76.7	.4	34.7	35.1	2.7
21	16.0	21.6	18.8	93.7	.9	0.0	.9	0.0
22	15.8	27.1	19.2	86.7	2.1	0.0	2.1	2.8
23	16.8	28.8	22.1	75.0	0.0	0.0	0.0	4.1
24	17.1	31.0	23.6	72.3	0.0	14.1	14.1	7.0
25	17.0	31.5	23.0	70.7	0.0	.3	.3	8.1
26	19.0	32.0	24.0	69.7	0.0	9.4	9.4	6.9
27	16.6	29.2	21.0	79.3	1.6	.1	1.7	3.5
28	16.2	29.8	22.6	73.3	0.0	4.4	4.4	2.9
29	17.2	23.9	19.4	93.7	2.5	0.0	2.5	.4
30	16.2	31.1	22.4	69.0	0.0	0.0	0.0	8.1
31	18.4	33.0	23.8	69.3	0.0	0.0	0.0	9.3
Total					18.5	138.8	157.3	169.7
Promedio	17.1	29.5	22.4	73.4				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	28.0	22.8	81.0	21.7	.7	22.4	0.0
2	18.2	23.8	20.8	88.7	0.0	0.0	0.0	0.0
3	16.0	30.2	22.6	76.3	0.0	28.0	28.0	5.4
4	17.6	30.0	22.6	77.0	0.0	0.0	0.0	5.7
5	18.0	29.7	22.5	73.0	0.0	14.5	14.5	4.5
6	18.2	28.9	21.6	76.0	4.9	1.7	6.6	4.5
7	17.7	22.1	19.2	96.0	11.9	0.0	11.9	0.0
8	17.4	28.2	22.8	67.0	0.0	23.7	23.7	6.2
9	16.2	27.7	21.1	79.7	1.1	15.8	16.9	7.0
10	16.0	24.8	20.3	83.7	0.0	0.0	0.0	3.1
11	15.1	26.5	20.4	84.7	.4	0.0	.4	5.2
12	16.0	28.5	21.0	77.3	.7	.1	.8	7.3
13	17.0	26.6	21.2	72.7	0.0	0.0	0.0	5.0
14	15.5	29.0	21.0	72.0	0.0	1.8	1.8	5.3
15	18.0	30.8	22.0	71.7	0.0	4.1	4.1	7.6
16	17.7	30.2	22.2	76.3	0.0	33.0	33.0	8.5
17	17.2	29.8	22.2	78.7	8.5	1.0	9.5	4.3
18	17.2	24.0	20.3	89.3	0.0	0.0	0.0	0.0
19	17.6	27.8	20.2	80.0	3.3	1.7	5.0	3.9
20	17.0	28.2	21.2	81.3	13.0	26.1	39.1	4.4
21	18.0	28.4	21.4	79.7	0.0	0.0	0.0	2.9
22	16.3	31.2	23.0	73.0	0.0	42.5	42.5	7.5
23	17.0	28.2	21.8	83.3	.2	.4	.6	4.4
24	17.2	30.0	22.6	77.3	0.0	32.7	32.7	6.4
25	16.6	23.7	19.6	85.7	1.9	5.8	7.7	0.0
26	17.2	26.0	21.0	82.7	0.0	5.9	5.9	3.0
27	16.6	27.8	21.0	83.3	1.9	.4	2.3	5.2
28	17.8	28.6	21.9	79.0	0.0	4.7	4.7	6.4
29	16.6	29.8	21.9	74.3	0.0	8.7	8.7	6.1
30	18.0	25.0	20.8	88.7	0.0	0.0	0.0	0.0
31								
Total					69.5	253.3	322.8	129.8
Promedio	17.1	27.8	21.4	79.6				

Estación : EL TRAPICHE
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	30.0	23.2	73.3	0.0	0.0	0.0	8.1
2	16.2	30.2	21.6	74.7	4.0	1.6	5.6	8.0
3	17.0	31.0	22.0	75.3	1.6	.4	2.0	6.6
4	17.8	30.0	22.6	70.3	0.0	0.0	0.0	8.8
5	16.4	32.0	23.3	73.0	0.0	0.0	0.0	9.8
6	16.6	32.8	23.5	71.0	0.0	0.0	0.0	8.5
7	18.4	31.8	23.2	76.0	0.0	33.1	33.1	6.3
8	17.0	26.2	21.9	82.0	0.0	0.0	0.0	.2
9	17.8	31.0	23.3	72.3	0.0	.2	.2	5.0
10	17.4	30.8	24.0	74.7	0.0	14.7	14.7	8.0
11	17.2	26.8	21.5	86.7	0.0	0.0	0.0	1.2
12	15.7	31.5	23.7	63.7	0.0	0.0	0.0	7.9
13	16.2	30.0	23.4	71.0	0.0	0.0	0.0	4.2
14	18.0	32.8	23.1	69.0	0.0	0.0	0.0	5.2
15	17.4	30.5	22.7	80.3	0.0	26.7	26.7	3.8
16	17.2	29.2	22.4	77.7	0.0	.5	.5	5.2
17	18.7	29.0	22.8	81.0	.1	13.5	13.6	3.2
18	18.8	28.3	22.0	81.3	0.0	20.3	20.3	3.5
19	18.0	24.5	20.2	87.0	0.0	0.0	0.0	0.0
20	17.2	30.3	23.2	74.0	0.0	36.1	36.1	7.0
21	17.0	29.2	21.7	78.0	.4	0.0	.4	5.6
22	18.0	24.5	20.6	86.0	5.4	0.0	5.4	.4
23	17.2	29.8	21.2	78.7	2.7	4.6	7.3	4.7
24	16.2	31.0	22.6	74.7	0.0	11.4	11.4	8.2
25	18.0	22.6	19.6	90.7	6.0	1.8	7.8	0.0
26	15.0	26.2	19.0	81.3	0.0	0.0	0.0	3.4
27	16.5	30.0	22.8	65.7	0.0	.5	.5	7.6
28	17.0	26.4	20.8	77.0	0.0	0.0	0.0	5.1
29	16.0	28.0	21.5	72.0	0.0	11.9	11.9	7.1
30	16.5	27.0	20.4	79.7	0.0	0.0	0.0	3.0
31	17.6	25.6	20.8	84.3	0.0	0.0	0.0	.2
Total					20.2	177.3	197.5	155.8
Promedio :	17.1	29.0	22.1	76.9				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	29.5	21.4	79.7	1.5	19.8	21.3	4.9
2	17.5	24.3	19.3	82.0	0.0	.4	.4	1.5
3	16.6	29.0	21.6	75.3	1.1	0.0	1.1	5.4
4	15.2	24.8	20.0	84.3	0.0	.1	.1	.3
5	17.0	27.2	20.9	78.7	1.7	18.6	20.3	3.6
6	16.3	26.2	19.8	85.3	0.0	4.7	4.7	2.2
7	17.5	24.2	19.0	89.0	1.7	0.0	1.7	1.7
8	15.6	29.0	21.4	77.0	0.0	47.4	47.4	6.0
9	16.8	26.0	20.0	82.3	1.8	0.0	1.8	2.5
10	16.4	29.4	22.2	75.7	0.0	8.3	8.3	8.4
11	15.2	29.0	21.6	74.3	0.0	1.7	1.7	8.0
12	17.6	27.3	20.8	78.3	0.0	0.0	0.0	4.5
13	18.0	27.5	22.3	75.7	0.0	0.0	0.0	7.4
14	18.4	29.9	22.4	72.7	0.0	2.2	2.2	7.8
15	17.2	28.5	22.0	76.7	0.0	0.0	0.0	5.7
16	18.0	31.2	23.4	72.3	0.0	10.3	10.3	8.6
17	17.8	29.4	22.0	78.7	0.0	6.1	6.1	5.8
18	16.8	28.6	22.2	78.7	0.0	0.0	0.0	7.3
19	16.0	31.8	22.9	63.3	0.0	0.0	0.0	8.7
20	15.5	30.0	22.6	68.7	0.0	0.0	0.0	8.4
21	17.0	31.2	23.6	74.7	4.8	4.3	9.1	7.6
22	17.4	30.0	23.7	67.3	0.0	0.0	0.0	7.1
23	16.7	29.4	23.4	67.3	0.0	0.0	0.0	5.2
24	17.6	30.0	23.4	65.3	0.0	0.0	0.0	7.1
25	17.5	30.6	23.3	69.3	0.0	0.0	0.0	6.3
26	16.6	31.5	24.5	59.7	0.0	0.0	0.0	7.7
27	17.2	31.0	23.5	65.7	0.0	0.0	0.0	6.1
28	17.0	30.6	23.8	72.7	0.0	6.3	6.3	5.3
29	18.0	30.8	21.6	77.0	10.6	1.9	12.5	6.3
30	16.2	31.0	22.8	68.7	0.0	0.0	0.0	8.2
31								
Total					23.2	132.1	155.3	175.6
Promedio :	16.9	29.0	22.0	74.5				

Estación : EL TRAPICHE
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	29.5	23.2	63.3	0.0	0.0	0.0	5.4
2	17.2	31.0	23.5	65.7	0.0	0.0	0.0	3.4
3	16.5	32.5	23.2	59.7	0.0	0.0	0.0	9.0
4	17.2	29.2	22.8	77.0	.4	18.0	18.4	1.5
5	15.8	28.8	22.2	73.7	0.0	35.5	35.5	5.8
6	16.0	24.4	19.6	84.7	1.7	0.0	1.7	.7
7	15.4	29.2	22.3	73.0	0.0	0.0	0.0	7.7
8	17.8	31.2	24.2	69.0	0.0	0.0	0.0	7.5
9	17.0	32.4	24.1	66.3	0.0	0.0	0.0	9.4
10	18.2	29.0	23.0	79.7	0.0	0.0	0.0	2.0
11	17.0	30.5	22.0	73.3	4.4	0.0	4.4	7.3
12	16.8	30.8	22.3	62.3	0.0	0.0	0.0	8.9
13	16.0	32.0	23.0	59.3	0.0	0.0	0.0	9.3
14	16.4	31.2	23.2	64.7	0.0	0.0	0.0	6.9
15	18.0	31.2	23.1	71.0	0.0	2.5	2.5	6.6
16	17.8	30.4	23.3	71.0	.3	34.6	34.9	6.3
17	18.0	29.9	22.8	74.3	0.0	9.4	9.4	5.8
18	17.8	27.2	21.0	80.0	.4	.1	.5	2.4
19	17.0	29.5	22.0	73.3	.1	11.9	12.0	5.4
20	16.8	27.6	21.1	77.7	0.0	12.8	12.8	5.6
21	16.6	28.2	21.9	75.0	0.0	.4	.4	7.3
22	17.2	29.9	22.8	70.0	1.9	9.5	11.4	9.4
23	17.0	30.6	21.8	74.3	5.7	25.3	31.0	6.6
24	15.2	28.4	21.0	74.0	0.0	8.1	8.1	7.4
25	16.2	28.5	21.7	74.7	0.0	0.0	0.0	6.4
26	16.0	31.4	22.6	63.0	0.0	0.0	0.0	8.6
27	15.8	31.0	22.2	68.0	0.0	0.0	0.0	9.1
28	16.4	30.5	22.8	64.3	0.0	0.0	0.0	8.2
29	15.5	30.2	22.1	63.3	0.0	0.0	0.0	8.3
30	13.8	32.0	21.6	63.0	0.0	0.0	0.0	8.4
31	17.0	28.2	21.8	69.0	0.0	0.0	0.0	5.1
Total :					14.9	168.1	183.0	201.7
Promedio :	16.6	29.9	22.4	70.2				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.4	29.8	22.2	68.0	0.0	0.0	0.0	8.4
2	16.2	31.2	21.6	72.7	2.5	.5	3.0	9.3
3	17.2	30.0	22.7	67.0	0.0	0.0	0.0	6.7
4	15.5	30.2	21.8	68.3	0.0	1.5	1.5	10.0
5	17.5	29.5	22.0	66.0	0.0	2.1	2.1	7.9
6	16.0	31.9	23.5	65.3	0.0	0.0	0.0	9.6
7	16.6	30.4	23.2	69.3	0.0	0.0	0.0	3.0
8	17.0	30.8	22.7	67.3	0.0	14.0	14.0	8.8
9	16.5	29.5	21.6	72.7	2.6	0.0	2.6	4.6
10	15.8	32.0	23.1	67.0	0.0	0.0	0.0	9.3
11	16.0	29.5	22.5	67.0	0.0	0.0	0.0	5.4
12	15.2	32.3	22.8	64.0	0.0	0.0	0.0	8.5
13	16.2	31.8	22.6	67.3	0.0	0.0	0.0	7.0
14	17.0	32.7	23.7	64.0	0.0	0.0	0.0	9.3
15	17.2	32.2	24.2	63.7	0.0	0.0	0.0	7.3
16	17.0	32.6	23.9	56.0	0.0	0.0	0.0	7.0
17	15.4	32.4	23.6	56.0	0.0	0.0	0.0	7.1
18	15.0	32.2	22.6	69.7	0.0	0.0	0.0	8.7
19	16.8	29.4	22.7	74.0	0.0	2.2	2.2	3.4
20	18.0	30.9	23.4	70.3	0.0	1.2	1.2	6.1
21	17.5	33.0	23.8	66.3	0.0	0.0	0.0	8.7
22	18.0	32.5	23.9	70.3	0.0	0.0	0.0	7.2
23	17.6	29.5	22.2	72.0	.4	0.0	.4	2.4
24	15.8	32.9	23.9	66.7	0.0	2.4	2.4	9.6
25	18.0	31.7	23.4	69.0	0.0	7.5	7.5	8.4
26	17.8	28.5	21.8	77.0	0.0	9.9	9.9	3.3
27	17.2	24.8	20.2	84.3	1.9	0.0	1.9	.1
28	17.8	31.2	23.0	71.3	0.0	3.6	3.6	5.9
29	17.5	22.5	19.8	88.3	27.6	0.0	27.6	0.0
30	15.0	30.8	22.8	71.7	0.0	10.0	10.0	8.7
31	16.4	29.2	22.7	76.0	0.0	1.5	1.5	4.8
Total :					35.0	56.4	91.4	206.5
Promedio :	16.6	30.6	22.7	69.3				

Estación : EL TRAPICHE
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	31.0	22.8	75.0	0.0	38.3	38.3	7.3
2	15.8	28.2	21.1	76.3	0.0	0.0	0.0	6.1
3	18.5	30.5	22.6	74.0	.8	8.7	9.5	7.2
4	18.0	32.2	22.3	75.3	0.0	0.0	0.0	8.2
5	17.8	29.2	22.2	76.3	0.0	0.0	0.0	2.9
6	17.2	31.9	23.4	73.0	0.0	0.0	0.0	8.4
7	17.5	32.0	23.6	64.7	0.0	0.0	0.0	8.5
8	15.6	32.6	22.8	67.3	0.0	0.0	0.0	9.3
9	16.2	32.0	22.9	68.0	0.0	0.0	0.0	8.2
10	17.6	28.5	21.6	85.3	4.3	.5	4.8	2.3
11	17.5	29.8	22.1	75.0	.2	0.0	.2	3.4
12	17.1	31.2	21.4	77.0	1.9	0.0	1.9	6.2
13	16.5	32.0	23.3	70.7	0.0	0.0	0.0	8.9
14	18.0	30.0	22.4	80.0	0.0	2.8	2.8	1.4
15	17.3	31.7	23.4	73.7	0.0	6.0	6.0	7.8
16	18.5	29.6	22.0	78.0	.2	0.0	.2	6.2
17	17.9	26.1	21.2	86.3	.7	6.4	7.1	2.5
18	17.3	28.0	21.2	78.3	0.0	9.5	9.5	2.9
19	17.5	30.4	22.2	75.0	0.0	10.7	10.7	8.0
20	17.9	30.1	21.8	78.3	0.0	3.5	3.5	6.3
21	16.7	31.6	22.5	73.0	0.0	0.0	0.0	7.7
22	16.4	31.5	22.5	73.3	0.0	0.0	0.0	7.9
23	17.2	30.8	23.0	71.7	0.0	11.3	11.3	7.9
24	16.2	29.9	21.6	74.3	0.0	32.2	32.2	6.2
25	16.6	29.5	21.3	82.0	0.0	5.4	5.4	4.9
26	17.0	26.0	19.7	82.3	.9	0.0	.9	2.4
27	16.6	29.5	21.6	78.7	.4	21.4	21.8	5.4
28	17.0	26.9	20.4	81.7	.4	0.0	.4	3.0
29	16.8	30.9	22.6	74.0	.3	8.6	8.9	7.6
30	17.0	30.2	21.8	80.0	0.0	0.0	0.0	4.6
31								
Total :					10.1	165.3	175.4	179.6
Promedio :	17.2	30.1	22.1	75.9				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	31.2	22.7	75.3	0.0	.2	.2	7.9
2	17.0	31.5	23.0	63.3	0.0	0.0	0.0	7.5
3	17.8	31.8	22.8	70.0	.3	0.0	.3	7.6
4	16.2	30.5	23.4	72.0	0.0	0.0	0.0	3.6
5	16.8	32.0	22.9	71.3	0.0	.5	.5	6.3
6	16.5	31.2	22.8	75.3	0.0	16.8	16.8	7.4
7	17.6	27.5	19.8	95.0	1.7	0.0	1.7	3.3
8	16.0	31.0	22.2	73.3	0.0	0.0	0.0	6.7
9	18.1	31.4	23.4	71.7	0.0	0.0	0.0	8.3
10	17.6	28.8	22.4	77.0	0.0	18.6	18.6	1.3
11	18.2	25.6	20.8	87.3	.8	0.0	.8	.3
12	16.7	28.2	21.8	77.0	0.0	9.6	9.6	3.9
13	17.2	29.5	21.7	80.0	0.0	0.0	0.0	5.0
14	16.6	31.3	23.1	69.7	0.0	24.1	24.1	9.0
15	17.4	29.4	22.4	79.7	0.0	9.1	9.1	7.3
16	17.2	29.1	21.3	79.3	0.0	5.4	5.4	6.5
17	18.2	29.3	21.7	77.0	0.0	22.0	22.0	6.7
18	16.2	27.0	20.5	80.3	1.1	.1	1.2	3.7
19	17.2	29.9	21.6	80.7	2.4	0.0	2.4	4.1
20	16.2	29.2	21.9	72.0	0.0	.6	.6	4.0
21	16.4	30.7	22.0	76.3	0.0	3.7	3.7	7.3
22	16.0	26.5	20.6	86.3	.6	0.0	.6	3.6
23	15.2	29.8	22.0	77.3	0.0	8.3	8.3	7.0
24	17.6	27.4	20.8	84.7	.3	9.9	10.2	3.9
25	18.0	29.9	22.0	78.7	.1	.4	.5	8.0
26	17.8	29.8	21.6	80.7	4.7	7.2	11.9	3.3
27	17.4	26.4	20.7	86.3	.6	10.3	10.9	5.8
28	17.2	25.3	20.2	91.3	.4	.2	.6	4.8
29	17.2	25.9	20.5	85.3	6.9	9.3	16.2	.9
30	17.4	23.6	19.3	89.3	.8	4.3	5.1	.4
31	16.8	29.5	21.4	77.7	0.0	0.0	0.0	6.7
Total :					20.7	160.6	181.3	162.1
Promedio :	17.1	29.0	21.7	78.7				

Estación : EL TRAPICHE
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

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

Noviembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	29.6	21.4	79.3	0.0	5.0	5.0	3.9
2	17.0	27.5	21.0	84.0	0.0	27.2	27.2	3.9
3	16.0	27.4	20.0	85.3	2.2	0.0	2.2	2.6
4	15.8	30.5	20.6	78.0	32.0	5.0	37.0	6.4
5	16.5	28.8	21.4	79.3	0.0	10.6	10.6	9.8
6	17.2	28.6	21.1	82.0	0.0	.2	.2	7.0
7	17.4	27.4	21.4	82.0	.9	24.3	25.2	4.5
8	17.0	25.2	20.0	85.7	0.0	.3	.3	1.2
9	17.8	29.0	21.8	80.3	0.0	8.6	8.6	6.7
10	16.7	30.6	21.8	74.3	0.0	0.0	0.0	7.6
11	16.2	28.8	21.9	77.0	0.0	1.4	1.4	6.0
12	18.2	29.6	22.5	75.3	0.0	8.2	8.2	5.2
13	16.8	28.7	21.5	77.0	0.0	2.2	2.2	6.5
14	16.4	29.6	21.0	77.0	0.0	18.3	18.3	6.7
15	17.5	30.4	22.2	79.7	0.0	0.0	0.0	6.6
16	17.4	31.5	22.9	75.0	0.0	0.0	0.0	6.5
17	17.8	27.2	21.5	82.0	.1	0.0	.1	1.0
18	18.0	29.4	21.7	77.0	0.0	0.0	0.0	5.9
19	17.9	29.2	21.7	78.3	0.0	0.0	0.0	4.8
20	17.8	30.6	22.7	71.7	0.0	0.0	0.0	7.5
21	18.6	31.2	23.0	75.0	.5	0.0	.5	7.7
22	18.4	31.5	22.4	72.3	0.0	0.0	0.0	6.7
23	16.0	29.8	21.6	74.7	0.0	0.0	0.0	6.8
24	18.0	30.9	22.2	73.7	0.0	.5	.5	7.3
25	17.6	31.5	22.9	74.7	0.0	0.0	0.0	6.6
26	18.2	32.3	23.2	69.7	0.0	0.0	0.0	8.4
27	19.2	29.8	23.4	74.0	0.0	0.0	0.0	3.3
28	18.2	29.9	23.5	77.3	0.0	0.0	0.0	3.8
29	19.0	29.6	22.2	79.0	0.0	0.0	0.0	3.6
30	17.6	31.5	23.0	72.0	0.0	.2	.2	8.6
31								
Total					35.7	112.0	147.7	173.1
Promedio :	17.5	29.6	21.9	77.4				

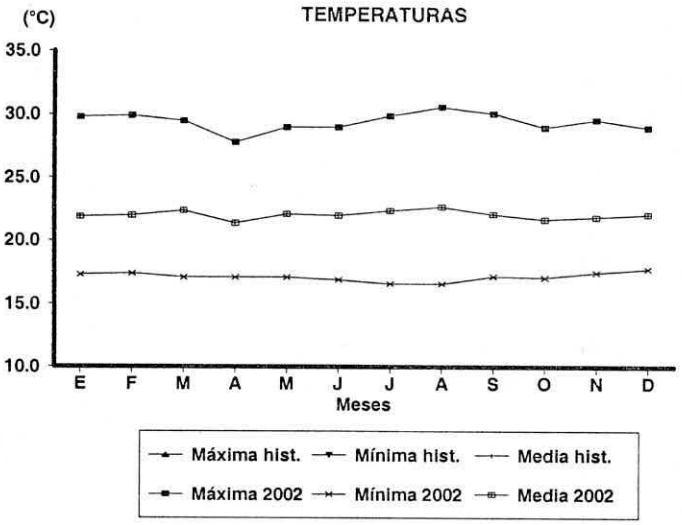
Diciembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	32.5	23.1	71.0	0.0	0.0	0.0	8.2
2	18.0	31.7	23.5	69.3	0.0	0.0	0.0	7.7
3	18.2	28.7	22.7	75.7	0.0	0.0	0.0	.9
4	17.6	30.9	23.4	76.0	0.0	0.0	0.0	5.7
5	18.4	29.6	22.2	80.3	0.0	0.0	0.0	5.9
6	17.8	30.8	22.9	77.3	0.0	0.0	0.0	5.0
7	18.2	29.5	23.2	76.0	0.0	0.0	0.0	5.8
8	19.2	26.8	22.1	86.0	0.0	0.0	0.0	4.9
9	18.0	29.8	21.7	80.7	0.0	0.0	0.0	0.0
10	18.1	31.5	22.5	79.0	.7	9.3	10.0	6.7
11	19.0	28.5	21.6	80.7	4.0	0.0	4.0	2.1
12	17.6	29.8	22.4	78.7	0.0	3.7	3.7	4.2
13	18.9	28.6	22.4	81.7	.7	65.3	66.0	1.7
14	18.1	24.2	20.5	92.7	13.0	18.4	31.4	.4
15	17.0	19.4	18.3	97.7	20.2	0.0	20.2	0.0
16	15.7	26.6	19.8	87.0	17.2	22.6	39.8	1.8
17	17.0	26.0	20.0	86.0	1.5	14.3	15.8	.3
18	17.8	26.5	21.0	80.7	0.0	21.5	21.5	2.6
19	17.2	29.8	22.2	75.7	0.0	0.0	0.0	6.5
20	17.0	28.9	22.5	76.3	0.0	2.4	2.4	3.2
21	17.1	29.7	22.0	78.0	0.0	0.0	0.0	4.8
22	17.0	30.5	22.8	74.0	0.0	0.0	0.0	7.4
23	18.2	31.2	22.0	75.7	0.0	0.0	0.0	8.6
24	16.5	30.2	22.6	73.7	0.0	0.0	0.0	5.8
25	18.0	30.5	22.8	74.3	0.0	0.0	0.0	5.5
26	16.0	31.0	22.1	71.3	0.0	0.0	0.0	8.4
27	18.0	31.5	22.0	69.3	0.0	0.0	0.0	7.4
28	17.6	29.5	22.8	76.0	0.0	.6	.6	7.6
29	18.6	27.9	22.2	82.3	0.0	0.0	0.0	1.4
30	19.4	27.5	22.7	79.3	0.0	0.0	0.0	1.4
31	19.2	29.6	23.2	77.3	0.0	2.3	2.3	3.5
Total					57.3	160.4	217.7	135.4
Promedio :	17.8	29.0	22.1	78.7				

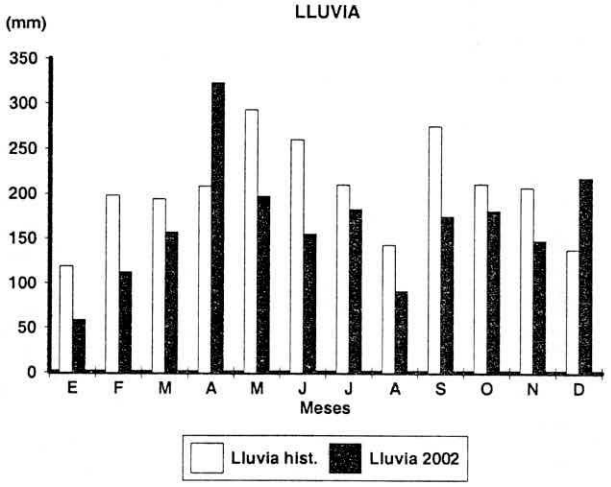
Estación : EL TRAPICHE
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : BOLIVAR

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	17.3	29.8	21.9	32.9	15.4	74.4	58.5	11	191.2
Febrero	17.4	29.9	22.0	33.0	15.2	74.0	112.4	13	172.1
Marzo	17.1	29.5	22.4	33.0	15.8	73.4	157.3	21	169.7
Abril	17.1	27.8	21.4	31.2	15.1	79.6	322.8	23	129.8
Mayo	17.1	29.0	22.1	32.8	15.0	76.9	197.5	17	155.8
Junio	16.9	29.0	22.0	31.8	15.2	74.5	155.3	17	175.6
Julio	16.6	29.9	22.4	32.5	13.8	70.2	183.0	14	201.7
Agosto	16.6	30.6	22.7	33.0	15.0	69.3	91.4	16	206.5
Septiembre	17.2	30.1	22.1	32.6	15.6	76.0	175.4	19	179.6
Octubre	17.1	29.0	21.7	32.0	15.2	78.7	181.3	25	162.1
Noviembre	17.5	29.6	21.9	32.3	15.8	77.4	147.7	17	173.1
Diciembre	17.8	29.0	22.1	32.5	15.7	78.7	217.7	12	135.4
Promedio :	17.1	29.4	22.1			75.3			
Absoluta :				33.0	13.8				
Total :							2000.3	205	2052.6





Estación : VIRGEN DE ORO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 45 ' N
Longitud : 75 ° 42 ' W
Altitud : 1650 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	27.4	21.9	75.0	0.0	0.0	0.0	3.5
2	16.9	25.0	20.6	78.0	0.0	0.0	0.0	4.8
3	17.5	24.7	20.6	73.7	0.0	22.2	22.2	4.4
4	16.1	26.0	20.8	77.3	0.0	0.0	0.0	6.5
5	16.8	26.2	21.2	68.7	0.0	0.0	0.0	9.1
6	17.0	25.6	20.8	78.0	0.0	0.0	0.0	4.9
7	17.6	26.0	21.1	79.7	0.0	49.2	49.2	6.0
8	15.5	23.5	18.4	89.7	0.0	7.3	7.3	3.2
9	16.2	25.0	19.2	86.0	1.5	0.0	1.5	4.3
10	16.5	25.1	19.9	80.3	0.0	0.0	0.0	5.1
11	16.4	26.0	20.6	67.3	0.0	0.0	0.0	5.7
12	16.0	24.3	20.6	72.3	0.0	.8	.8	4.7
13	16.2	23.0	19.9	78.3	0.0	11.7	11.7	1.6
14	15.8	24.3	19.2	86.3	0.0	0.0	0.0	3.3
15	16.9	26.4	21.0	82.0	0.0	0.0	0.0	6.1
16	18.0	25.9	21.1	77.0	0.0	0.0	0.0	8.3
17	16.8	27.6	21.4	71.0	0.0	0.0	0.0	8.0
18	16.0	25.0	20.9	78.0	0.0	0.0	0.0	8.4
19	16.5	26.2	22.0	68.7	0.0	0.0	0.0	10.1
20	17.0	24.2	21.0	77.7	0.0	0.0	0.0	4.0
21	16.8	25.6	20.4	77.7	0.0	2.5	2.5	6.0
22	15.6	26.4	21.5	76.3	0.0	0.0	0.0	5.5
23	16.8	27.8	22.5	58.7	0.0	0.0	0.0	9.9
24	17.2	25.6	22.4	66.3	0.0	0.0	0.0	6.1
25	16.8	26.0	21.4	79.7	0.0	0.0	0.0	3.8
26	18.0	27.2	21.8	83.3	0.0	0.0	0.0	5.3
27	17.5	28.2	22.8	65.0	0.0	0.0	0.0	10.2
28	18.2	27.8	23.2	52.3	0.0	0.0	0.0	9.2
29	18.6	27.6	23.6	58.7	0.0	0.0	0.0	7.5
30	17.8	23.0	20.0	73.3	0.0	0.0	0.0	2.6
31	15.6	22.4	19.8	83.7	0.0	0.0	0.0	.9
Total :					1.5	93.7	95.2	179.0
Promedio :	16.9	25.6	21.0	74.8				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	27.6	22.2	62.7	0.0	0.0	0.0	7.3
2	17.9	26.6	22.7	71.7	0.0	0.0	0.0	5.1
3	17.6	23.2	19.2	93.0	4.0	23.3	27.3	.6
4	16.2	20.2	18.1	87.7	.2	0.0	.2	0.0
5	16.5	26.4	20.8	66.0	0.0	0.0	0.0	8.5
6	16.7	26.8	21.8	62.3	0.0	0.0	0.0	8.6
7	16.4	23.2	19.7	73.0	0.0	1.8	1.8	2.3
8	15.0	20.4	17.8	86.3	18.8	3.7	22.5	.4
9	15.2	24.0	18.8	91.7	.2	3.2	3.4	2.9
10	16.2	25.2	20.7	78.3	0.0	0.0	0.0	4.2
11	17.0	25.8	20.8	77.3	0.0	0.0	0.0	4.4
12	17.4	26.9	21.8	71.7	0.0	0.0	0.0	6.5
13	16.8	27.6	21.6	76.3	0.0	0.0	0.0	6.9
14	17.2	27.2	21.4	76.0	0.0	0.0	0.0	6.2
15	17.8	28.5	22.3	63.0	0.0	0.0	0.0	8.7
16	17.2	28.2	22.4	62.0	0.0	0.0	0.0	8.2
17	17.5	28.8	22.9	66.3	0.0	0.0	0.0	9.3
18	17.2	29.6	23.6	59.0	0.0	0.0	0.0	10.2
19	17.0	24.5	19.9	89.7	.5	0.0	.5	3.1
20	16.6	27.9	21.6	65.0	0.0	0.0	0.0	8.8
21	17.8	28.8	22.9	61.3	0.0	3.8	3.8	8.2
22	17.6	25.6	20.6	79.0	0.0	16.0	16.0	4.8
23	13.5	23.6	19.4	86.3	0.0	3.0	3.0	3.2
24	16.6	28.4	22.6	63.7	0.0	0.0	0.0	10.5
25	16.5	27.2	22.8	66.0	0.0	0.0	0.0	10.1
26	17.4	26.8	21.7	74.0	0.0	15.7	15.7	6.0
27	16.9	24.0	20.0	80.0	0.0	.5	.5	2.0
28	16.2	26.6	22.2	68.7	0.0	0.0	0.0	8.0
29								
30								
31								
Total :					23.7	71.0	94.7	165.0
Promedio :	16.8	26.1	21.2	73.5				

Estación : VIRGEN DE ORO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 45 ' N
Longitud : 75 ° 42 ' W
Altitud : 1650 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	28.2	23.4	54.3	0.0	0.0	0.0	8.3
2	17.2	28.0	23.0	68.0	0.0	5.3	5.3	9.5
3	17.0	27.2	23.0	63.0	0.0	0.0	0.0	7.4
4	17.4	27.8	22.2	63.0	0.0	0.0	0.0	8.3
5	17.0	26.4	21.9	62.0	0.0	0.0	0.0	7.5
6	16.9	26.6	21.2	70.3	0.0	0.0	0.0	6.6
7	16.6	27.0	21.8	65.7	.2	3.2	3.4	6.9
8	17.2	27.4	22.2	66.0	0.0	0.0	0.0	8.3
9	17.4	27.8	22.2	64.3	0.0	.2	.2	6.4
10	16.6	27.7	23.3	58.7	0.0	0.0	0.0	8.2
11	16.6	27.6	21.6	71.7	0.0	.7	.7	2.1
12	16.0	24.6	20.0	82.0	0.0	0.0	0.0	.5
13	16.8	28.0	21.9	68.7	0.0	36.7	36.7	6.7
14	15.6	25.0	20.0	79.7	10.8	.9	11.7	2.2
15	16.4	22.8	19.0	90.7	0.0	0.0	0.0	1.9
16	17.4	25.4	21.6	76.0	0.0	2.9	2.9	4.6
17	16.8	23.9	20.6	80.0	0.0	.2	.2	2.1
18	17.0	26.0	21.2	72.3	0.0	0.0	0.0	9.5
19	17.2	22.0	19.0	83.0	0.0	.2	.2	0.0
20	16.4	24.0	20.2	78.0	.2	34.8	35.0	3.4
21	15.6	18.8	17.0	90.3	8.0	0.0	8.0	0.0
22	15.8	23.8	19.3	88.0	1.1	.2	1.3	1.4
23	16.5	24.8	20.4	82.0	0.0	0.0	0.0	3.5
24	16.6	26.6	21.3	76.3	0.0	30.8	30.8	4.9
25	15.2	25.6	21.3	76.3	0.0	0.0	0.0	6.3
26	17.4	28.6	22.6	69.0	0.0	1.1	1.1	7.9
27	16.8	25.4	19.6	83.7	0.0	0.0	0.0	3.3
28	15.2	24.0	20.0	86.0	0.0	0.0	0.0	.7
29	16.2	19.8	17.5	93.0	.8	0.0	.8	9.1
30	16.9	28.2	22.0	69.7	0.0	0.0	0.0	5.0
31	19.2	29.2	23.8	65.7	0.0	0.0	0.0	8.5
Total :					21.1	117.2	138.3	161.0
Promedio :	16.7	25.7	21.1	74.1				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	25.4	22.0	85.0	0.0	2.6	2.6	1.0
2	17.4	21.7	18.6	87.7	0.0	0.0	0.0	0.0
3	16.9	27.6	20.9	83.0	.1	.8	.9	5.4
4	18.2	27.9	21.7	80.0	0.0	.2	.2	4.3
5	18.0	25.6	21.4	82.3	0.0	0.0	0.0	3.3
6	17.4	27.4	20.8	75.3	0.0	0.0	0.0	5.8
7	17.0	21.2	18.5	94.0	0.0	0.0	0.0	.2
8	17.0	24.8	19.8	82.7	.1	16.9	17.0	1.8
9	15.6	23.0	18.7	84.7	0.0	5.0	5.0	2.1
10	15.5	22.3	18.4	84.7	.1	0.0	.1	1.0
11	15.2	22.5	18.6	86.7	.2	0.0	.2	1.4
12	16.2	24.4	20.2	71.3	1.3	31.4	32.7	3.4
13	14.8	23.8	19.5	78.0	1.1	0.0	1.1	2.1
14	16.0	24.2	20.2	78.0	0.0	0.0	0.0	3.9
15	16.8	26.9	20.4	86.7	7.3	0.0	7.3	4.9
16	17.2	27.2	22.2	78.0	0.0	12.5	12.5	8.6
17	17.6	25.0	20.5	85.3	0.0	19.2	19.2	2.7
18	16.5	20.0	17.8	94.0	.1	.1	.2	0.0
19	16.6	23.6	19.2	86.3	2.5	1.9	4.4	1.9
20	16.9	23.8	20.2	84.3	.1	39.6	39.7	2.1
21	15.8	22.0	19.0	95.3	3.6	0.0	3.6	.1
22	16.0	28.0	21.8	84.7	0.0	14.2	14.2	6.7
23	18.0	25.4	20.2	93.0	.4	1.3	1.7	3.2
24	16.8	24.4	20.0	90.7	0.0	42.0	42.0	3.8
25	15.0	19.9	17.0	93.7	2.2	5.3	7.5	0.0
26	16.0	22.5	19.1	79.7	0.0	7.3	7.3	1.4
27	16.4	22.9	19.0	93.7	1.6	0.0	1.6	1.7
28	16.5	23.8	19.8	86.3	0.0	0.0	0.0	2.7
29	17.2	24.8	20.4	83.3	0.0	5.6	5.6	5.8
30	17.0	22.0	18.9	90.7	0.0	0.0	0.0	.4
31								
Total :					20.7	205.9	226.6	81.7
Promedio :	16.7	24.1	19.8	85.3				

Estación : VIRGEN DE ORO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 45 ' N
Longitud : 75 ° 42 ' W
Altitud : 1650 m

Mayo	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	26.6	19.7	89.0	11.3	0.0	11.3	3.7
2	17.0	26.5	21.8	81.0	0.0	.8	.8	4.9
3	17.9	27.6	21.6	85.0	0.0	.9	.9	5.9
4	17.0	27.2	22.1	79.7	0.0	0.0	0.0	6.1
5	18.2	27.6	23.0	66.3	0.0	0.0	0.0	8.1
6	19.4	28.4	23.4	67.0	0.0	0.0	0.0	8.6
7	19.6	27.8	22.8	72.0	0.0	0.0	0.0	3.9
8	18.1	23.6	20.7	81.0	0.0	0.0	0.0	0.0
9	17.8	27.5	21.0	83.0	0.0	0.0	0.0	5.6
10	18.4	25.8	21.4	87.0	0.0	0.0	0.0	3.5
11	17.6	23.5	20.2	92.0	0.0	0.0	0.0	0.0
12	17.0	29.2	23.9	57.7	0.0	0.0	0.0	8.8
13	19.5	27.5	23.6	55.3	.6	0.0	.6	2.1
14	18.6	29.2	23.0	73.0	0.0	0.0	0.0	5.1
15	18.7	25.7	21.4	83.3	0.0	14.0	14.0	1.6
16	17.9	25.5	21.3	91.0	0.0	1.2	1.2	2.0
17	18.4	25.2	20.2	86.3	2.3	13.8	16.1	3.2
18	17.2	24.4	20.0	89.3	0.0	16.2	16.2	.9
19	15.8	22.5	18.8	86.0	0.0	0.0	0.0	1.0
20	17.5	26.2	20.8	85.3	1.9	31.5	33.4	5.2
21	16.4	24.4	19.2	84.3	0.0	0.0	0.0	2.6
22	17.4	22.6	18.5	93.7	8.9	0.0	8.9	.8
23	15.6	23.8	18.3	85.0	14.6	3.5	18.1	1.6
24	15.5	24.6	19.6	88.0	0.0	48.8	48.8	3.6
25	13.4	19.0	16.6	94.3	39.1	2.2	41.3	0.0
26	12.8	22.5	16.8	91.0	0.0	0.0	0.0	2.3
27	16.7	24.2	20.8	77.3	0.0	10.3	10.3	4.2
28	13.6	21.9	17.7	81.7	3.3	1.8	5.1	5.4
29	15.2	24.6	19.2	79.7	0.0	5.7	5.7	6.7
30	15.5	22.6	18.4	83.7	0.0	0.0	0.0	2.0
31	17.0	19.8	18.1	92.3	.1	.1	.2	0.0
Total :					82.1	150.8	232.9	109.4
Promedio :	17.0	25.1	20.4	82.0				

Junio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	25.0	19.7	88.7	0.0	50.7	50.7	5.0
2	15.8	20.0	17.0	95.0	0.0	0.0	0.0	.5
3	16.0	24.5	19.4	92.7	.5	0.0	.5	3.5
4	16.5	20.2	17.6	94.0	0.0	5.7	5.7	0.0
5	16.4	22.6	18.2	89.3	10.0	22.2	32.2	.8
6	15.0	22.6	18.1	89.0	.1	3.7	3.8	1.8
7	15.4	19.5	17.3	89.0	1.1	0.0	1.1	5.1
8	15.8	24.5	19.2	88.7	0.0	40.0	40.0	0.0
9	15.5	24.0	17.8	87.7	.3	0.0	.3	1.5
10	16.5	24.8	19.5	85.0	0.0	2.9	2.9	4.7
11	16.0	24.5	20.3	84.3	0.0	0.0	0.0	3.9
12	17.4	23.7	19.5	89.0	.2	3.6	3.8	3.6
13	16.6	23.2	19.2	78.0	0.0	0.0	0.0	3.2
14	16.9	27.4	21.3	77.0	0.0	.1	.1	8.1
15	17.0	23.2	19.9	91.3	1.1	0.0	1.1	3.0
16	17.4	25.5	21.5	82.0	0.0	.3	.3	5.0
17	17.7	25.3	21.0	84.0	0.0	5.3	5.3	4.4
18	17.0	25.0	20.8	86.7	0.0	0.0	0.0	2.8
19	17.3	29.5	23.5	60.7	0.0	0.0	0.0	9.7
20	18.6	24.5	21.6	73.3	0.0	0.0	0.0	9.8
21	17.5	27.8	23.0	69.0	0.0	0.0	0.0	8.8
22	18.5	26.4	23.0	73.0	0.0	0.0	0.0	5.8
23	18.4	28.0	23.0	63.7	0.0	0.0	0.0	6.6
24	18.3	28.2	22.5	76.7	0.0	0.0	0.0	6.9
25	18.5	26.2	22.6	73.0	0.0	0.0	0.0	2.9
26	19.6	28.3	23.7	55.0	0.0	0.0	0.0	7.9
27	18.4	28.0	23.4	64.0	0.0	0.0	0.0	5.8
28	17.8	25.4	22.0	82.3	0.0	0.0	0.0	2.8
29	18.4	27.9	22.6	73.7	.2	0.0	.2	6.5
30	17.0	27.5	23.7	68.0	0.0	0.0	0.0	8.5
31								
Total :					13.5	134.5	148.0	138.9
Promedio :	17.1	25.1	20.7	80.1				

Estación : VIRGEN DE ORO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 45 ' N
Longitud : 75 ° 42 ' W
Altitud : 1650 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	27.7	23.4	72.7	0.0	0.0	0.0	8.0
2	19.5	28.6	23.5	60.7	0.0	0.0	0.0	4.0
3	18.8	29.4	23.9	66.7	0.0	0.0	0.0	9.7
4	13.0	26.2	22.6	86.3	0.0	32.2	32.2	3.9
5	16.3	24.8	19.3	85.3	0.0	58.0	58.0	5.1
6	15.4	19.9	18.1	87.7	0.0	0.0	0.0	0.0
7	16.0	24.7	20.7	89.3	0.0	0.0	0.0	5.3
8	16.8	27.9	23.0	75.3	0.0	0.0	0.0	6.6
9	18.5	26.6	23.1	74.3	0.0	0.0	0.0	9.2
10	19.0	26.0	22.1	81.0	.1	0.0	.1	1.2
11	17.8	25.4	19.9	86.7	3.5	0.0	3.5	5.3
12	16.4	28.0	22.2	63.3	0.0	0.0	0.0	7.0
13	19.4	29.3	24.5	46.0	0.0	0.0	0.0	10.1
14	18.5	28.3	22.9	64.0	0.0	0.0	0.0	8.2
15	17.9	27.4	22.0	79.0	0.0	0.0	0.0	7.8
16	17.5	26.0	21.6	77.3	0.0	2.3	2.3	5.1
17	17.0	25.6	21.5	78.7	0.0	5.2	5.2	2.6
18	16.0	22.8	19.8	88.0	0.0	.8	.8	1.0
19	16.7	26.5	20.8	84.7	0.0	6.3	6.3	5.9
20	15.6	23.5	19.8	87.3	0.0	29.4	29.4	2.6
21	15.3	22.5	19.6	83.7	0.0	0.0	0.0	2.0
22	17.3	25.5	21.2	83.0	0.0	0.0	0.0	5.5
23	17.6	26.9	21.6	80.3	0.0	50.2	50.2	6.8
24	15.2	24.5	19.9	79.7	0.0	17.3	17.3	4.7
25	15.5	24.3	19.6	85.3	0.0	0.0	0.0	3.4
26	16.9	29.2	22.7	58.7	0.0	0.0	0.0	9.2
27	18.5	27.1	22.6	67.7	0.0	0.0	0.0	9.1
28	17.5	28.5	22.9	59.0	0.0	0.0	0.0	7.5
29	18.5	29.5	23.0	50.3	0.0	0.0	0.0	9.1
30	18.3	28.2	23.6	40.3	0.0	0.0	0.0	9.3
31	17.3	25.0	20.6	81.3	.1	0.0	.1	2.8
Total					3.7	201.7	205.4	178.0
Promedio :	17.2	26.3	21.7	74.3				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	26.6	21.8	70.0	0.0	0.0	0.0	6.7
2	17.1	27.0	22.4	69.0	0.0	0.0	0.0	9.9
3	18.0	26.2	21.7	72.7	0.0	0.0	0.0	6.8
4	17.5	26.6	22.3	67.3	0.0	2.4	2.4	9.1
5	16.5	27.0	21.5	77.3	0.0	0.0	0.0	5.6
6	18.0	28.0	23.6	60.0	0.0	0.0	0.0	9.9
7	18.1	27.3	22.5	73.3	0.0	0.0	0.0	2.4
8	17.8	27.6	23.0	68.3	0.0	2.9	2.9	7.5
9	16.5	26.0	21.5	68.0	0.0	0.0	0.0	6.1
10	17.0	28.3	22.3	66.7	0.0	0.0	0.0	9.7
11	18.0	27.4	22.2	64.3	0.0	0.0	0.0	6.5
12	18.5	29.5	24.3	51.3	0.0	0.0	0.0	9.8
13	19.1	29.3	25.0	58.3	0.0	0.0	0.0	9.8
14	19.2	30.3	24.7	58.3	0.0	0.0	0.0	10.1
15	20.2	30.1	24.7	54.3	0.0	0.0	0.0	8.9
16	20.0	30.0	25.1	47.0	0.0	0.0	0.0	8.4
17	18.9	29.7	24.0	43.3	0.0	0.0	0.0	.1
18	19.0	28.2	24.4	50.7	0.0	0.0	0.0	10.2
19	18.2	26.8	22.4	77.3	0.0	0.0	0.0	10.1
20	18.0	30.0	24.0	63.3	0.0	0.0	0.0	8.6
21	18.7	31.2	25.3	55.0	0.0	0.0	0.0	9.5
22	18.6	29.2	23.4	64.0	0.0	0.0	0.0	6.9
23	18.0	27.2	21.3	73.0	0.0	0.0	0.0	4.5
24	14.8	28.4	22.5	67.3	0.0	0.0	0.0	9.7
25	17.6	29.0	23.2	62.7	0.0	0.0	0.0	6.7
26	15.2	26.2	19.8	82.0	0.0	0.0	0.0	3.9
27	15.0	20.3	17.4	93.0	0.0	0.0	0.0	0.0
28	16.4	27.4	20.7	74.7	0.0	.6	.6	5.9
29	15.3	22.3	17.3	88.0	0.0	.6	.6	0.0
30	15.0	24.5	19.8	82.3	.2	0.0	.2	5.9
31	15.2	24.0	20.2	85.7	0.0	.7	.7	4.7
Total					.2	7.2	7.4	213.9
Promedio :	17.5	27.5	22.4	67.4				

Estación : VIRGEN DE ORO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 45 ' N
Longitud : 75 ° 42 ' W
Altitud : 1650 m

Septiembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	24.5	19.8	89.3	0.0	20.5	20.5	4.0
2	14.8	22.0	18.3	88.0	0.0	0.0	0.0	3.1
3	16.2	25.7	20.7	77.3	0.0	13.1	13.1	7.5
4	14.8	26.2	21.2	74.3	0.0	0.0	0.0	7.1
5	17.5	25.0	21.2	78.7	0.0	0.0	0.0	3.5
6	17.2	27.2	22.0	74.0	0.0	.3	.3	9.2
7	18.2	28.2	22.9	59.3	0.0	0.0	0.0	8.7
8	17.7	28.6	22.7	60.7	0.0	0.0	0.0	10.1
9	17.4	26.1	22.2	72.7	0.0	0.0	0.0	7.4
10	18.0	25.5	21.1	81.3	.2	0.0	.2	2.0
11	16.4	26.5	20.7	81.7	0.0	1.9	1.9	5.5
12	16.7	27.5	21.1	74.7	3.9	0.0	3.9	5.4
13	16.0	27.4	21.9	75.3	0.0	0.0	0.0	8.2
14	17.0	25.4	21.1	81.7	0.0	.2	.2	1.1
15	16.8	26.8	21.8	72.7	0.0	5.1	5.1	5.7
16	16.9	26.2	21.3	78.0	0.0	.5	.5	4.9
17	16.6	23.2	19.6	89.0	0.0	5.3	5.3	.7
18	16.5	21.7	18.8	88.7	0.0	10.1	10.1	0.0
19	15.6	24.5	19.8	82.0	0.0	5.2	5.2	4.6
20	15.8	25.5	21.0	83.0	0.0	0.0	0.0	4.8
21	17.3	27.8	22.0	70.3	0.0	0.0	0.0	6.4
22	17.0	28.0	21.9	67.3	0.0	8.8	8.8	8.4
23	16.5	25.0	20.8	59.3	1.6	0.0	1.6	6.3
24	15.8	23.6	19.8	82.3	0.0	15.0	15.0	2.7
25	15.4	21.8	18.9	89.7	.9	44.1	45.0	1.0
26	14.4	20.8	17.6	90.3	0.0	0.0	0.0	.1
27	16.0	25.2	20.8	75.7	0.0	45.0	45.0	4.6
28	14.2	20.4	17.7	93.3	0.0	0.0	0.0	.8
29	15.9	26.1	21.2	83.0	0.0	.6	.6	6.1
30	16.0	25.2	20.6	80.0	0.0	.2	.2	5.0
31								
Total :					6.6	175.9	182.5	144.9
Promedio :	16.3	25.3	20.7	78.5				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	26.0	21.5	77.7	0.0	0.0	0.0	6.5
2	16.0	27.5	22.0	69.0	0.0	0.0	0.0	9.9
3	17.5	27.9	22.5	67.3	0.0	0.0	0.0	8.0
4	16.4	25.1	22.0	78.7	0.0	0.0	0.0	4.8
5	17.4	27.5	21.5	75.7	0.0	11.0	11.0	8.3
6	15.0	25.9	21.5	74.3	0.0	0.0	0.0	8.3
7	16.5	23.5	18.8	88.0	10.6	0.0	10.6	3.0
8	15.0	24.8	19.9	88.3	0.0	0.0	0.0	3.3
9	16.5	27.2	21.0	80.7	1.5	0.0	1.5	7.2
10	16.7	25.2	20.8	84.3	0.0	9.3	9.3	2.5
11	15.6	21.6	18.7	85.3	0.0	0.0	0.0	.3
12	16.5	24.5	20.5	84.0	0.0	.3	.3	2.5
13	16.4	25.0	20.6	80.7	0.0	0.0	0.0	5.0
14	16.2	27.0	21.8	73.7	0.0	.2	.2	10.0
15	17.0	25.0	20.5	86.7	.5	1.3	1.8	3.6
16	16.4	25.5	21.6	78.3	0.0	13.5	13.5	5.9
17	15.0	21.6	19.4	82.3	0.0	30.0	30.0	1.3
18	14.8	20.8	18.4	89.3	0.0	0.0	0.0	1.7
19	16.0	24.5	19.8	84.3	0.0	0.0	0.0	4.2
20	15.0	23.2	19.6	88.0	0.0	23.6	23.6	3.3
21	14.6	25.2	19.6	87.0	0.0	2.2	2.2	6.5
22	16.0	20.1	17.6	91.7	0.0	0.0	0.0	.5
23	15.2	24.8	20.0	84.3	0.0	25.6	25.6	5.8
24	15.0	22.2	18.6	88.0	0.0	23.0	23.0	2.7
25	15.5	24.2	19.8	85.0	0.0	3.1	3.1	2.9
26	16.5	22.5	19.2	85.7	0.0	30.2	30.2	2.4
27	15.0	21.7	18.2	94.7	0.0	24.6	24.6	2.7
28	15.2	22.8	17.9	92.3	9.0	0.0	9.0	.9
29	15.6	22.0	19.2	91.0	1.3	48.5	49.8	.9
30	15.2	19.0	17.8	88.0	.5	0.0	.5	0.0
31	15.4	24.5	19.7	90.3	0.0	1.8	1.8	5.0
Total :					23.4	248.2	271.6	129.9
Promedio :	15.9	24.1	20.0	83.7				

Estación : VIRGEN DE ORO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 45 ' N
Longitud : 75 ° 42 ' W
Altitud : 1650 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	23.9	19.5	90.3	0.0	18.5	18.5	2.3
2	15.4	21.5	18.2	94.7	3.0	19.6	22.6	1.2
3	15.5	21.4	18.0	93.7	0.0	0.0	0.0	.6
4	15.2	24.0	19.0	85.7	1.7	1.5	3.2	4.5
5	15.0	23.6	19.1	85.7	0.0	22.8	22.8	5.0
6	14.4	22.5	18.6	84.0	0.0	8.3	8.3	2.4
7	15.6	21.7	18.4	92.7	0.0	71.2	71.2	1.6
8	14.5	19.5	17.2	90.0	1.0	.6	1.6	.1
9	15.0	23.4	19.0	91.7	1.8	25.6	27.4	2.9
10	15.7	25.8	20.6	88.7	0.0	0.0	0.0	5.9
11	16.2	23.5	20.3	82.0	0.0	0.0	0.0	2.1
12	16.7	24.3	20.0	87.3	0.0	0.0	0.0	2.8
13	15.7	23.9	19.8	81.3	0.0	55.6	55.6	5.2
14	14.8	24.4	19.6	87.3	0.0	0.0	0.0	3.5
15	16.5	26.0	20.7	85.7	0.0	0.0	0.0	5.0
16	16.0	27.0	21.6	82.3	0.0	0.0	0.0	6.3
17	17.0	23.1	20.2	90.7	0.0	.8	.8	.8
18	16.0	25.9	19.6	85.3	0.0	1.6	1.6	4.4
19	16.4	23.0	19.5	86.7	0.0	0.0	0.0	1.9
20	16.0	25.7	21.6	73.0	0.0	0.0	0.0	6.1
21	17.0	26.6	21.5	80.0	0.0	0.0	0.0	7.7
22	17.1	28.9	22.2	74.0	0.0	0.0	0.0	6.2
23	16.8	27.2	21.7	78.0	0.0	0.0	0.0	10.0
24	17.0	26.7	20.8	86.0	0.0	0.0	0.0	8.2
25	16.5	27.5	22.0	85.0	0.0	0.0	0.0	5.9
26	17.7	26.8	22.5	77.7	0.0	0.0	0.0	7.9
27	17.5	26.0	22.0	90.3	0.0	0.0	0.0	3.9
28	17.6	26.9	21.2	84.0	0.0	0.0	0.0	5.2
29	17.0	24.6	20.2	85.3	0.0	0.0	0.0	3.1
30	16.4	27.6	22.4	76.3	0.0	7.7	7.7	8.9
31								
Total :					7.5	233.8	241.3	131.6
Promedio :	16.2	24.8	20.2	85.2				

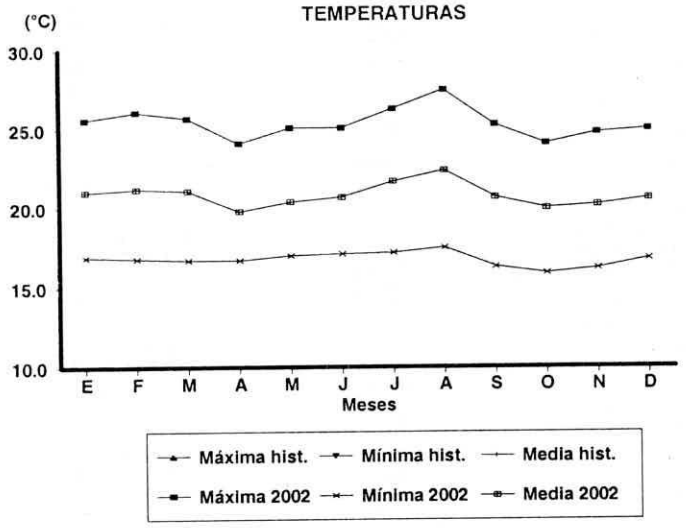
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	27.4	22.2	80.0	0.0	8.3	8.3	5.8
2	17.8	29.0	22.8	68.7	0.0	0.0	0.0	8.9
3	17.3	25.0	21.6	77.7	0.0	0.0	0.0	2.6
4	17.1	26.0	21.5	85.3	0.0	3.4	3.4	5.8
5	16.9	25.2	20.8	82.3	0.0	0.0	0.0	4.4
6	16.7	25.0	20.0	90.0	0.0	0.0	0.0	1.9
7	16.6	25.0	20.4	81.3	0.0	0.0	0.0	4.6
8	16.9	22.5	19.5	92.3	0.0	3.9	3.9	0.0
9	16.4	25.2	20.9	82.0	0.0	0.0	0.0	5.0
10	17.0	27.7	21.8	78.7	.7	9.0	9.7	5.3
11	17.4	24.8	20.7	84.0	0.0	0.0	0.0	2.2
12	17.5	27.0	22.2	71.3	0.0	0.0	0.0	5.0
13	18.0	25.5	21.5	80.3	.2	3.6	3.8	2.3
14	17.4	21.2	19.3	94.0	8.6	56.6	65.2	.3
15	15.5	16.8	16.3	97.3	13.4	.1	13.5	0.0
16	15.1	21.6	18.2	93.0	.5	21.0	21.5	.4
17	15.5	20.5	17.8	96.3	.6	33.5	34.1	0.0
18	15.3	21.8	18.6	89.3	0.0	0.0	0.0	1.1
19	16.0	25.1	20.0	83.7	2.3	.1	2.4	4.7
20	16.2	24.0	19.0	94.3	.2	.3	.5	1.4
21	16.5	25.4	20.2	86.7	0.0	0.0	0.0	3.6
22	16.4	26.5	21.9	68.7	0.0	0.0	0.0	7.5
23	16.5	26.7	21.6	76.0	0.0	0.0	0.0	8.3
24	17.0	26.9	21.5	78.3	0.0	0.0	0.0	6.2
25	17.4	26.1	22.0	78.3	0.0	0.0	0.0	5.4
26	16.5	27.3	21.6	79.7	0.0	0.0	0.0	8.7
27	17.5	27.5	21.6	80.3	0.0	0.0	0.0	6.6
28	17.2	27.0	20.0	81.3	10.3	0.0	10.3	7.3
29	17.2	24.6	20.2	85.3	0.0	0.0	0.0	1.3
30	17.0	23.9	20.9	83.3	0.0	0.0	0.0	1.5
31	17.6	26.0	22.3	77.7	0.0	0.0		3.9
Total :					36.8	139.8	176.6	122.0
Promedio :	16.8	25.0	20.6	83.1				

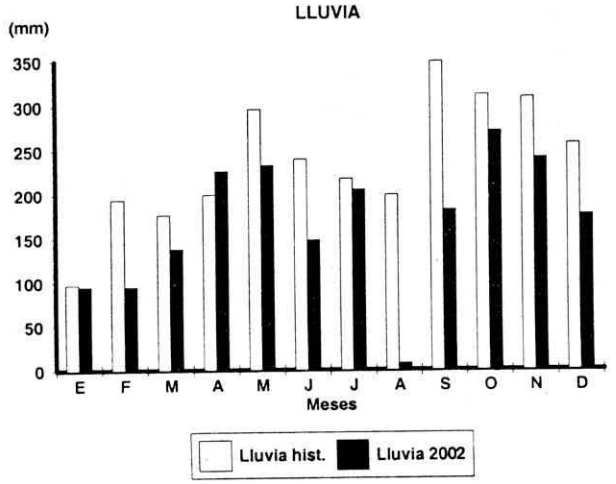
Estación : VIRGEN DE ORO
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

Latitud : 5 ° 45 ' N
Longitud : 75 ° 42 ' W
Altitud : 1650 m

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	16.9	25.6	21.0	28.2	15.5	74.8	95.2	7	179.0
Febrero	16.8	26.1	21.2	29.6	13.5	73.5	94.7	11	165.0
Marzo	16.7	25.7	21.1	29.2	15.2	74.1	138.3	15	161.0
Abril	16.7	24.1	19.8	28.0	14.8	85.3	226.6	23	81.7
Mayo	17.0	25.1	20.4	29.2	12.8	82.0	232.9	17	109.4
Junio	17.1	25.1	20.7	29.5	15.0	80.1	148.0	15	138.9
Julio	17.2	26.3	21.7	29.5	13.0	74.3	205.4	12	178.0
Agosto	17.5	27.5	22.4	31.2	14.8	67.4	7.4	6	213.9
Septiembre	16.3	25.3	20.7	28.6	14.2	78.5	182.5	19	144.9
Octubre	15.9	24.1	20.0	27.9	14.6	83.7	271.6	20	129.9
Noviembre	16.2	24.8	20.2	28.9	14.4	85.2	241.3	12	131.6
Diciembre	16.8	25.0	20.6	29.0	15.1	83.1	176.6	12	122.0
Promedio :	16.8	25.4	20.8			78.5			
Absoluta :				31.2	12.8				
Total :							2020.5	169	1755.3





Estación : LA CRISTALINA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.6	34.0	27.2	55.7	0.0	0.0	0.0	9.3
2	20.0	32.0	26.0	65.7	0.0	0.0	0.0	7.5
3	21.0	32.6	26.0	63.3	0.0	1.9	1.9	7.0
4	20.0	33.0	25.5	66.0	0.0	0.0	0.0	7.9
5	18.8	33.6	25.2	61.3	0.0	0.0	0.0	9.5
6	20.0	33.0	26.0	65.7	0.0	0.0	0.0	6.8
7	20.8	33.4	26.6	65.7	0.0	41.7	41.7	8.3
8	19.4	32.4	24.8	67.0	0.0	15.7	15.7	8.4
9	19.6	32.0	24.4	68.3	0.0	0.0	0.0	7.2
10	19.8	32.8	25.2	61.3	0.0	0.0	0.0	7.0
11	18.2	32.0	25.2	65.0	0.0	0.0	0.0	8.2
12	18.4	32.4	24.7	65.0	0.0	0.0	0.0	7.6
13	21.0	31.4	25.2	73.3	0.0	16.8	16.8	4.4
14	20.0	31.6	24.6	71.3	0.0	0.0	0.0	6.1
15	20.0	32.4	25.1	67.0	0.0	0.0	0.0	6.9
16	18.8	32.8	25.4	61.7	0.0	0.0	0.0	9.1
17	19.0	33.4	25.1	60.3	0.0	.2	.2	9.4
18	19.4	31.8	24.7	69.0	0.0	0.0	0.0	9.2
19	17.5	32.8	24.6	62.7	0.0	0.0	0.0	9.4
20	18.8	31.0	24.9	69.3	0.0	0.0	0.0	5.8
21	18.4	32.8	25.5	64.7	0.0	1.1	1.1	8.0
22	19.0	33.0	25.3	67.3	0.0	0.0	0.0	5.4
23	18.4	36.0	26.4	61.0	0.0	0.0	0.0	9.0
24	20.0	32.2	25.8	64.7	0.0	0.0	0.0	6.4
25	19.0	31.4	25.4	67.0	0.0	0.0	0.0	4.9
26	20.6	34.0	26.6	64.3	0.0	0.0	0.0	7.3
27	19.0	35.8	26.6	60.0	0.0	0.0	0.0	9.5
28	19.4	35.8	27.2	56.0	0.0	0.0	0.0	8.5
29	19.0	34.0	27.2	57.0	0.0	0.0	0.0	7.1
30	20.0	26.8	23.6	82.0	0.0	0.0	0.0	2.2
31	18.8	28.4	23.7	73.3	0.0	0.0	0.0	1.8
Total :					0.0	77.4	77.4	225.1
Promedio :	19.4	32.6	25.5	65.2				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.6	34.2	26.2	61.7	0.0	0.0	0.0	5.3
2	20.4	33.8	27.6	61.7	0.0	0.0	0.0	5.9
3	20.8	28.4	24.0	82.0	3.9	9.3	13.2	1.8
4	20.0	27.2	23.6	78.0	.6	0.0	.6	.3
5	19.0	33.6	25.7	60.7	0.0	0.0	0.0	8.8
6	19.8	34.8	27.4	55.0	0.0	0.0	0.0	8.8
7	19.4	30.4	25.0	59.3	0.0	2.2	2.2	4.7
8	19.6	28.0	23.6	73.0	11.0	.2	11.2	1.5
9	19.0	31.0	24.8	68.0	0.0	3.9	3.9	6.0
10	19.8	32.8	26.4	61.7	0.0	.1	.1	6.6
11	18.4	33.6	26.7	60.3	0.0	0.0	0.0	7.4
12	20.5	33.8	26.6	63.7	0.0	0.0	0.0	7.3
13	20.0	35.0	27.2	60.0	0.0	0.0	0.0	9.6
14	19.8	34.9	26.9	59.0	0.0	0.0	0.0	7.1
15	21.0	34.6	27.0	58.0	0.0	0.0	0.0	7.8
16	20.0	35.0	26.9	56.7	0.0	.2	.2	9.6
17	20.2	35.8	27.9	55.3	0.0	0.0	0.0	9.3
18	21.0	37.2	28.6	47.0	0.0	.1	.1	9.9
19	21.4	32.0	25.4	70.7	1.5	0.0	1.5	4.2
20	20.0	35.8	27.0	53.3	0.0	0.0	0.0	9.2
21	21.0	36.6	27.8	50.0	0.0	13.5	13.5	8.3
22	20.0	33.0	26.0	63.3	0.0	18.7	18.7	5.5
23	17.5	30.8	23.8	71.3	0.0	2.9	2.9	7.4
24	18.0	35.2	25.9	61.7	0.0	0.0	0.0	9.7
25	20.0	35.0	26.8	52.7	0.0	0.0	0.0	9.9
26	21.0	35.7	27.4	55.7	0.0	3.3	3.3	8.9
27	20.0	30.0	25.0	69.3	0.0	.1	.1	2.9
28	19.8	34.0	26.6	58.7	0.0	0.0	0.0	8.7
29								
30								
31								
Total :					17.0	54.5	71.5	192.4
Promedio :	19.9	33.3	26.2	61.7				

Estación : LA CRISTALINA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.0	35.5	27.1	50.0	0.0	0.0	0.0	8.9
2	19.6	35.4	26.8	53.7	0.0	2.7	2.7	9.0
3	20.0	35.0	27.4	51.0	0.0	0.0	0.0	7.7
4	20.5	34.8	27.2	54.3	0.0	0.0	0.0	9.2
5	19.0	34.6	26.6	53.7	0.0	.8	.8	7.1
6	20.2	34.0	26.0	54.3	0.0	0.0	0.0	7.4
7	19.8	34.2	25.8	57.7	0.0	0.0	0.0	6.3
8	19.5	35.2	27.2	54.7	0.0	0.0	0.0	8.9
9	20.0	35.4	27.0	52.7	0.0	0.0	0.0	6.2
10	19.8	36.0	27.6	53.0	0.0	0.0	0.0	7.3
11	19.0	35.0	25.7	59.7	0.0	.4	.4	8.7
12	18.8	32.0	24.9	65.0	0.0	0.0	0.0	2.7
13	19.6	34.8	27.5	55.7	0.0	26.1	26.1	6.8
14	19.4	30.0	24.2	71.0	6.5	2.1	8.6	2.9
15	19.0	29.8	25.0	74.0	0.0	0.0	0.0	4.3
16	20.8	34.7	27.0	62.3	0.0	1.8	1.8	6.2
17	21.0	31.0	26.3	66.7	0.0	0.0	0.0	3.6
18	20.8	33.8	26.4	60.7	0.0	.4	.4	4.0
19	21.0	29.0	24.6	74.3	0.0	4.0	4.0	.3
20	20.8	32.0	25.7	64.7	0.0	31.2	31.2	4.9
21	20.6	25.0	22.2	87.3	10.2	0.0	10.2	1.0
22	19.6	31.0	24.5	73.3	.4	0.0	.4	3.5
23	19.8	32.8	26.3	64.0	0.0	0.0	0.0	6.2
24	20.5	35.0	27.5	58.0	0.0	15.1	15.1	6.5
25	20.8	34.8	26.4	62.0	0.0	0.0	0.0	9.2
26	21.0	36.4	26.3	65.7	1.1	0.0	1.1	8.9
27	20.6	32.0	24.4	73.3	0.0	0.0	0.0	5.1
28	19.6	31.0	25.2	66.7	0.0	1.0	1.0	5.1
29	20.0	26.4	22.4	83.7	7.5	0.0	7.5	1.1
30	19.2	34.8	27.2	62.3	0.0	0.0	0.0	9.6
31	20.3	36.8	29.1	55.7	0.0	0.0	0.0	10.0
Total :					25.7	85.6	111.3	188.6
Promedio :	20.0	33.2	26.0	62.6				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.8	34.2	27.5	65.0	0.0	2.2	2.2	3.7
2	21.8	27.8	24.5	74.7	0.0	0.0	0.0	0.0
3	20.6	34.1	26.9	61.7	0.0	1.3	1.3	6.5
4	21.3	35.3	27.2	63.0	0.0	0.0	0.0	6.7
5	21.0	32.9	26.4	63.3	0.0	0.0	0.0	4.5
6	21.7	34.0	26.0	64.0	0.0	0.0	0.0	6.4
7	19.0	29.0	24.0	75.3	0.0	0.0	0.0	1.1
8	20.6	33.0	26.1	61.7	0.0	9.5	9.5	6.6
9	19.8	30.0	24.2	67.7	0.0	.8	.8	5.1
10	18.8	29.8	24.6	67.7	0.0	0.0	0.0	3.0
11	20.4	30.0	24.3	65.3	0.0	0.0	0.0	3.4
12	20.6	31.6	25.2	65.7	.6	44.8	45.4	6.4
13	19.0	30.0	24.8	69.3	1.8	2.3	4.1	3.7
14	19.8	31.2	25.2	66.7	0.0	0.0	0.0	6.2
15	20.6	33.8	25.2	72.3	.4	0.0	.4	5.8
16	20.0	34.0	27.4	64.3	0.0	12.6	12.6	8.3
17	20.8	31.8	26.2	67.7	0.0	21.7	21.7	5.8
18	19.4	26.6	22.6	83.3	.6	0.0	.6	.4
19	19.6	30.6	24.5	69.0	.3	1.2	1.5	4.3
20	20.0	30.8	25.4	71.7	0.0	33.7	33.7	5.2
21	19.4	28.6	24.0	77.0	3.6	0.0	3.6	1.5
22	19.8	34.2	27.0	65.7	0.0	5.3	5.3	8.5
23	21.0	32.0	26.0	68.3	.3	8.7	9.0	5.9
24	21.2	33.0	26.0	69.7	0.0	50.1	50.1	7.0
25	20.0	27.8	23.0	80.0	1.4	4.2	5.6	.3
26	19.6	29.4	24.6	72.3	0.0	21.3	21.3	2.2
27	20.0	32.0	24.0	76.3	.3	0.0	.3	6.2
28	19.2	31.0	24.7	78.0	0.0	2.4	2.4	4.3
29	21.0	32.8	26.8	68.7	0.0	.7	.7	6.7
30	20.4	29.8	24.5	74.0	0.0	0.0	0.0	2.2
31								
Total :					9.3	222.8	232.1	137.9
Promedio :	20.2	31.4	25.3	69.6				

Estación : LA CRISTALINA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.6	32.8	25.0	77.3	1.1	.6	1.7	6.7
2	19.8	33.4	26.1	68.3	0.0	1.2	1.2	7.5
3	21.0	34.0	25.5	70.0	0.0	2.0	2.0	7.7
4	20.6	32.2	26.1	67.3	0.0	0.0	0.0	8.6
5	19.8	34.0	27.9	57.3	0.0	0.0	0.0	8.0
6	20.0	35.2	28.0	55.0	0.0	0.0	0.0	8.2
7	21.0	33.8	26.7	66.3	0.0	.5	.5	3.6
8	21.5	30.0	25.0	78.3	0.0	0.0	0.0	.7
9	20.0	33.4	25.8	62.3	0.0	0.0	0.0	7.2
10	20.6	33.0	27.6	61.7	0.0	0.0	0.0	6.7
11	21.0	29.0	24.6	76.7	0.0	0.0	0.0	7.3
12	19.0	36.6	27.6	56.7	0.0	0.0	0.0	.4
13	20.8	31.0	25.5	64.7	0.0	0.0	0.0	2.4
14	20.0	33.4	26.4	65.0	0.0	0.0	0.0	5.3
15	21.0	31.4	25.2	73.7	0.0	4.9	4.9	1.6
16	21.2	32.0	26.4	66.7	0.0	0.0	0.0	5.9
17	22.0	32.6	26.0	68.0	3.1	21.1	24.2	4.0
18	21.0	30.2	25.2	69.3	0.0	14.8	14.8	2.8
19	20.0	29.2	24.4	75.7	0.0	0.0	0.0	1.6
20	21.0	34.4	24.6	61.7	0.0	22.4	22.4	7.9
21	20.6	30.0	24.2	64.3	0.0	0.0	0.0	2.5
22	21.0	30.2	24.3	74.3	.5	0.0	.5	3.0
23	19.4	32.0	23.0	78.3	17.6	3.4	21.0	5.0
24	18.4	30.8	24.4	74.0	0.0	14.5	14.5	5.7
25	20.0	25.4	21.9	88.7	13.0	9.1	22.1	.1
26	17.8	30.0	23.8	70.0	0.0	1.4	1.4	5.9
27	19.5	32.5	25.5	59.3	0.0	24.7	24.7	7.8
28	18.5	28.8	23.2	68.3	1.6	1.4	3.0	3.9
29	20.5	31.0	25.8	60.0	0.0	4.3	4.3	6.6
30	20.0	29.5	23.5	67.7	0.0	0.0	0.0	2.2
31	20.5	27.0	23.5	77.7	0.0	0.0	0.0	0.0
Total :					36.9	126.3	163.2	146.8
Promedio :	20.3	31.6	25.2	68.5				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.5	32.8	25.8	66.7	0.0	47.7	47.7	5.9
2	20.8	28.2	23.1	76.3	0.0	0.0	0.0	1.5
3	20.2	32.0	24.6	71.0	.8	0.0	.8	7.5
4	20.0	27.5	23.7	73.3	.5	10.1	10.6	.2
5	21.0	32.4	24.3	66.7	0.0	41.0	41.0	5.3
6	20.0	30.5	24.3	68.0	0.0	3.8	3.8	4.9
7	20.8	27.0	22.2	76.7	.8	0.0	.8	1.4
8	19.4	32.5	24.6	72.3	.3	40.8	41.1	6.8
9	19.2	30.0	23.2	72.3	1.9	0.0	1.9	4.2
10	19.8	31.8	25.0	68.3	0.0	2.9	2.9	6.6
11	20.5	31.5	25.1	64.0	0.0	.3	.3	7.4
12	21.0	31.0	25.3	69.7	0.0	3.9	3.9	4.7
13	21.5	30.5	25.4	67.7	0.0	0.0	0.0	4.4
14	21.0	34.4	26.8	59.0	0.0	0.0	0.0	8.7
15	21.2	31.5	25.5	71.3	.8	0.0	.8	5.7
16	21.0	34.0	27.4	55.0	0.0	.2	.2	8.6
17	22.0	33.5	25.9	58.7	0.0	.2	.2	7.6
18	21.0	32.5	26.2	66.7	0.0	0.0	0.0	7.9
19	20.8	33.5	27.0	58.3	0.0	0.0	0.0	8.6
20	19.0	33.0	26.4	59.3	0.0	0.0	0.0	8.6
21	20.0	34.5	25.0	60.0	0.0	0.0	0.0	7.8
22	20.5	33.0	26.5	59.3	0.0	0.0	0.0	9.7
23	19.5	32.5	27.0	66.7	0.0	0.0	0.0	5.9
24	20.5	32.5	26.0	63.7	0.0	0.0	0.0	5.6
25	21.5	32.8	26.4	65.0	0.0	0.0	0.0	6.3
26	19.6	34.3	28.0	52.0	0.0	0.0	0.0	7.5
27	20.5	32.5	26.8	63.3	0.0	0.0	0.0	5.8
28	20.3	32.0	27.1	63.7	0.0	0.0	0.0	5.1
29	22.8	35.0	26.9	67.0	.2	0.0	.2	6.6
30	20.5	34.3	28.0	52.0	0.0	0.0	0.0	8.8
31								
Total :					5.3	150.9	156.2	185.6
Promedio :	20.5	32.1	25.6	65.1				

Estación : LA CRISTALINA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.0	34.0	27.1	53.7	0.0	0.0	0.0	8.1
2	20.5	35.0	26.7	60.0	0.0	0.0	0.0	4.7
3	20.0	36.5	28.0	54.7	0.0	0.0	0.0	8.5
4	18.8	33.5	27.4	62.3	0.0	41.9	41.9	4.2
5	18.8	30.5	23.9	67.3	0.0	19.6	19.6	5.3
6	19.8	26.5	22.9	76.7	0.0	0.0	0.0	8.9
7	19.0	32.5	25.4	69.7	0.0	0.0	0.0	4.0
8	20.0	33.7	27.6	57.7	0.0	0.0	0.0	3.7
9	19.9	34.0	24.0	72.3	0.0	0.0	0.0	8.7
10	20.8	32.5	26.4	68.0	0.0	0.0	0.0	2.7
11	21.0	33.2	24.2	73.3	1.0	0.0	1.0	8.7
12	20.0	33.5	25.8	57.7	0.0	0.0	0.0	7.0
13	19.0	36.0	27.1	49.3	0.0	0.0	0.0	9.2
14	19.3	34.8	26.9	51.7	0.0	0.0	0.0	8.4
15	20.8	34.0	26.1	60.7	0.0	0.0	0.0	7.9
16	21.4	33.5	27.0	62.7	0.0	2.4	2.4	7.1
17	21.5	32.5	26.6	62.0	0.0	7.3	7.3	6.2
18	20.8	30.5	25.8	69.0	0.0	.4	.4	4.7
19	20.0	33.0	26.0	61.0	0.0	3.4	3.4	6.7
20	19.0	31.0	24.0	67.0	0.0	38.3	38.3	4.0
21	19.7	30.4	25.0	67.7	0.0	0.0	0.0	5.2
22	20.0	31.8	25.6	66.7	0.0	0.0	0.0	6.3
23	20.4	33.4	26.4	62.3	0.0	12.3	12.3	8.4
24	20.0	30.5	22.1	79.7	0.0	23.6	23.6	7.4
25	19.0	31.0	24.8	67.3	0.0	0.0	0.0	7.3
26	19.2	35.8	26.1	56.3	0.0	0.0	0.0	8.8
27	19.0	33.5	25.4	55.0	0.0	0.0	0.0	8.2
28	20.0	33.8	26.1	61.7	0.0	0.0	0.0	8.0
29	19.3	33.0	25.8	54.0	0.0	0.0	0.0	7.7
30	17.0	34.3	25.4	51.0	0.0	0.0	0.0	8.3
31	20.5	30.5	24.8	63.3	0.0	0.0	0.0	3.4
Total :					1.0	149.2	150.2	207.7
Promedio :	19.8	32.9	25.7	62.6				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	32.5	24.8	63.3	0.0	0.0	0.0	6.0
2	19.8	35.0	26.0	54.3	0.0	0.0	0.0	9.1
3	20.6	32.0	25.6	61.7	0.0	0.0	0.0	5.7
4	19.0	33.5	25.4	60.0	0.0	1.8	1.8	8.0
5	20.6	32.5	25.4	63.0	0.0	0.0	0.0	6.3
6	19.0	35.4	27.0	49.7	0.0	0.0	0.0	9.2
7	19.3	32.8	26.4	56.3	0.0	0.0	0.0	5.2
8	19.3	34.2	26.8	55.7	0.0	2.4	2.4	7.2
9	20.0	32.6	25.6	62.3	0.0	0.0	0.0	6.4
10	18.5	35.5	26.7	50.7	0.0	0.0	0.0	9.1
11	20.0	33.0	26.5	50.0	0.0	0.0	0.0	6.1
12	18.6	37.0	27.8	47.3	0.0	0.0	0.0	9.1
13	20.6	36.5	27.8	46.3	0.0	0.0	0.0	8.7
14	20.0	37.0	28.9	50.0	0.0	0.0	0.0	8.3
15	22.0	37.8	30.1	46.0	0.0	0.0	0.0	7.3
16	21.5	37.5	29.4	42.3	0.0	0.0	0.0	8.6
17	19.0	36.5	28.3	41.7	0.0	0.0	0.0	8.8
18	18.5	36.0	27.5	47.7	0.0	0.0	0.0	8.5
19	20.0	33.0	27.0	59.3	0.0	0.0	0.0	3.8
20	21.5	36.7	28.4	51.7	0.0	0.0	0.0	7.3
21	22.0	38.0	29.8	45.7	0.0	0.0	0.0	8.4
22	20.6	37.0	28.8	50.3	0.0	0.0	0.0	6.1
23	21.4	34.9	25.6	68.3	.6	0.0	.6	5.1
24	18.5	37.3	27.8	49.3	0.0	0.0	0.0	9.2
25	21.0	36.5	29.0	47.3	3.0	16.9	19.9	7.5
26	20.0	31.8	24.4	65.3	0.0	40.6	40.6	6.6
27	20.5	27.9	23.8	78.3	.1	0.0	.1	.3
28	21.3	34.5	26.0	65.0	0.0	1.5	1.5	8.4
29	20.5	27.0	23.0	76.0	1.4	0.0	1.4	0.0
30	18.7	33.5	26.0	60.7	0.0	.1	.1	7.4
31	20.8	32.0	26.4	67.0	0.0	.9	.9	5.1
Total :					5.1	64.2	69.3	212.8
Promedio :	20.0	34.4	26.8	55.9				

Estación : LA CRISTALINA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.9	34.4	26.1	62.0	0.0	15.2	15.2	7.9
2	20.0	30.5	24.7	68.3	0.0	0.0	0.0	5.1
3	20.8	33.6	26.4	58.0	0.0	9.8	9.8	9.0
4	20.4	33.8	26.0	61.3	0.0	0.0	0.0	8.6
5	20.5	32.3	25.6	61.7	0.0	0.0	0.0	5.3
6	20.0	35.5	27.0	55.0	0.0	0.0	0.0	9.1
7	21.0	35.0	27.5	48.3	0.0	0.0	0.0	8.8
8	19.9	36.5	28.4	46.0	0.0	0.0	0.0	9.8
9	20.5	33.0	26.8	56.7	0.0	0.0	0.0	6.5
10	22.5	32.3	25.6	69.0	.1	.2	.3	3.9
11	21.3	34.4	26.4	58.3	0.0	4.5	4.5	7.3
12	21.0	35.0	27.1	65.0	.5	0.0	.5	7.7
13	19.5	35.8	27.1	54.3	0.0	0.0	0.0	9.8
14	21.4	33.1	26.8	60.3	0.0	.2	.2	2.0
15	20.0	34.5	27.0	55.0	0.0	4.4	4.4	7.3
16	21.4	34.5	26.8	61.0	0.0	0.0	0.0	6.9
17	21.2	31.0	25.2	68.0	0.0	15.3	15.3	.4
18	20.8	28.5	24.3	70.3	0.0	7.3	7.3	2.5
19	20.9	34.0	25.3	63.3	0.0	2.9	2.9	7.6
20	20.5	33.5	26.2	66.3	0.0	0.0	0.0	7.5
21	21.5	34.8	27.4	55.0	0.0	0.0	0.0	7.9
22	20.0	36.5	26.8	49.3	0.0	39.8	39.8	9.5
23	19.0	34.0	25.9	61.0	0.0	0.0	0.0	7.2
24	21.0	31.0	25.8	60.0	0.0	12.8	12.8	4.5
25	20.0	30.5	24.4	68.0	0.0	62.2	62.2	3.1
26	19.5	28.5	23.0	72.0	0.0	0.0	0.0	1.7
27	20.5	34.0	26.3	61.3	0.0	46.8	46.8	7.4
28	19.5	29.0	23.6	73.3	0.0	0.0	0.0	1.6
29	20.4	34.0	25.5	58.0	0.0	2.5	2.5	7.8
30	20.0	33.3	26.0	65.0	0.0	0.0	0.0	7.4
31								
Total :					.6	223.9	224.5	191.1
Promedio :	20.5	33.2	26.0	61.0				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.8	33.6	26.4	59.7	0.0	0.0	0.0	7.0
2	20.0	34.5	26.8	51.7	0.0	0.0	0.0	9.8
3	19.9	34.9	26.6	58.3	0.0	0.0	0.0	7.7
4	19.0	32.0	25.8	62.0	0.0	0.0	0.0	5.0
5	19.2	33.5	26.1	57.7	0.0	7.2	7.2	6.6
6	19.8	33.4	25.2	62.3	0.0	0.0	0.0	8.1
7	21.0	32.4	23.8	77.7	10.1	0.0	10.1	4.9
8	19.5	32.5	25.1	65.7	0.0	0.0	0.0	7.4
9	20.5	34.5	24.7	71.3	7.7	0.0	7.7	7.3
10	20.0	32.0	26.0	68.3	0.0	22.2	22.2	3.0
11	20.8	29.5	24.2	71.0	0.0	0.0	0.0	1.1
12	20.5	32.0	25.7	63.7	0.0	.4	.4	6.2
13	21.3	33.0	26.2	58.3	0.0	0.0	0.0	6.2
14	19.5	35.4	27.0	58.3	0.0	1.4	1.4	9.4
15	21.3	33.8	26.6	64.0	0.0	2.3	2.3	7.6
16	20.0	34.2	26.5	60.0	0.0	7.1	7.1	8.6
17	19.6	31.5	24.8	67.7	0.0	2.0	2.0	4.6
18	20.4	30.8	24.1	73.0	.2	0.0	.2	3.9
19	20.5	33.0	24.2	71.7	.1	0.0	.1	7.3
20	19.2	32.7	25.0	64.3	0.0	1.1	1.1	6.5
21	20.0	33.5	25.2	62.3	0.0	1.5	1.5	7.4
22	21.0	28.0	22.6	83.0	0.0	0.0	0.0	1.7
23	19.8	33.5	25.6	64.3	0.0	40.9	40.9	7.1
24	19.6	29.5	24.4	72.3	0.0	57.5	57.5	3.4
25	20.0	33.2	24.9	66.7	0.0	0.0	0.0	7.1
26	21.4	32.0	25.3	73.3	0.0	26.7	26.7	5.9
27	20.2	30.0	23.9	72.3	0.0	18.3	18.3	3.2
28	20.4	29.4	22.6	76.0	5.4	1.1	6.5	2.8
29	20.5	30.5	24.9	68.3	0.0	22.7	22.7	4.2
30	20.4	26.0	22.2	81.3	0.0	5.3	5.3	0.0
31	19.5	33.0	25.0	68.3	0.0	.2	.2	7.4
Total :					23.5	217.9	241.4	178.4
Promedio :	20.2	32.2	25.1	66.9				

Estación : LA CRISTALINA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	21.5	33.2	26.0	63.3	0.0	20.8	20.8	7.1
2	20.5	31.3	24.9	69.3	0.0	9.5	9.5	4.7
3	20.6	29.4	23.6	80.0	0.0	0.0	0.0	1.6
4	19.0	32.5	24.4	63.3	1.3	1.1	2.4	7.3
5	19.4	32.8	24.9	66.7	0.0	33.3	33.3	7.4
6	19.5	30.5	24.3	70.0	0.0	9.5	9.5	5.5
7	20.5	30.6	24.6	72.0	.4	26.9	27.3	4.2
8	19.5	27.5	21.9	81.7	.5	1.3	1.8	.8
9	20.5	31.5	24.6	76.7	0.0	18.4	18.4	5.9
10	20.0	32.5	23.4	76.7	0.0	0.0	0.0	7.4
11	19.5	30.0	25.2	64.0	0.0	0.0	0.0	5.5
12	20.5	31.7	25.0	71.7	0.0	0.0	0.0	4.7
13	19.8	32.5	25.5	62.3	0.0	53.5	53.5	7.9
14	19.5	32.8	24.8	72.7	0.0	0.0	0.0	7.1
15	20.5	33.6	25.8	67.7	0.0	0.0	0.0	5.7
16	20.0	34.5	26.0	64.7	0.0	0.0	0.0	7.4
17	21.0	31.0	25.2	72.7	.2	5.4	5.6	2.2
18	21.2	32.5	25.9	68.7	0.0	28.9	28.9	6.6
19	20.7	31.8	24.3	68.3	0.0	0.0	0.0	5.1
20	19.0	33.0	24.7	65.0	0.0	0.0	0.0	7.2
21	20.0	33.5	25.9	63.0	0.0	0.0	0.0	7.3
22	20.6	35.5	26.7	58.0	0.0	0.0	0.0	7.9
23	19.0	33.5	26.1	56.3	0.0	0.0	0.0	8.7
24	20.2	34.0	26.0	67.7	0.0	0.0	0.0	8.1
25	20.5	34.0	27.2	58.3	0.0	0.0	0.0	7.9
26	20.4	33.5	26.4	63.7	0.0	0.0	0.0	7.4
27	21.0	32.5	26.8	68.0	0.0	0.0	0.0	5.5
28	21.1	34.5	26.0	68.7	7.4	.7	8.1	7.4
29	20.5	32.0	24.8	71.0	0.0	0.0	0.0	5.6
30	20.0	34.8	26.8	58.3	0.0	0.0	0.0	8.3
31								
Total :					9.8	209.3	219.1	185.4
Promedio :	20.2	32.4	25.3	67.7				

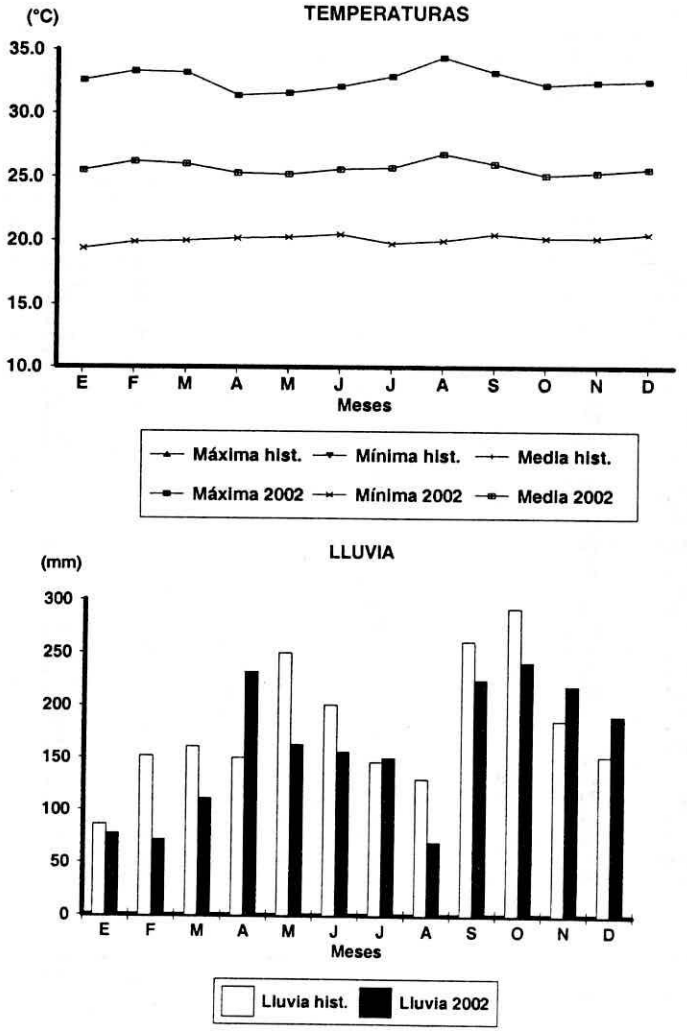
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	21.0	35.0	26.7	60.3	0.0	0.0	0.0	7.1
2	20.5	35.5	27.4	52.0	0.0	0.0	0.0	9.3
3	19.5	32.0	25.7	64.0	0.0	0.0	0.0	4.9
4	19.6	34.0	25.8	63.7	0.0	23.7	23.7	7.4
5	20.5	33.9	25.5	68.7	0.0	0.0	0.0	5.8
6	21.4	33.3	25.7	66.7	0.0	0.0	0.0	5.0
7	20.0	34.5	26.2	64.0	0.0	0.0	0.0	6.1
8	19.2	29.8	25.4	71.0	0.0	.6	.6	1.0
9	21.5	33.5	25.8	65.7	0.0	0.0	0.0	6.2
10	21.0	35.4	25.8	58.3	0.0	15.4	15.4	7.6
11	20.5	32.5	25.6	66.7	0.0	.4	.4	4.3
12	20.8	34.5	27.2	57.7	0.0	0.0	0.0	8.5
13	21.5	32.7	26.8	62.0	0.0	2.7	2.7	4.3
14	22.0	29.0	24.4	79.7	9.9	52.2	62.1	0.0
15	20.5	22.4	21.0	94.0	11.3	.1	11.4	1.0
16	20.0	29.1	23.8	79.0	0.0	20.5	20.5	1.7
17	20.2	29.0	23.4	78.3	1.3	52.1	53.4	2.5
18	20.0	28.8	23.6	73.0	.1	0.0	.1	3.0
19	19.5	32.5	24.8	73.0	.1	.3	.4	6.5
20	19.6	31.5	24.8	68.7	0.0	.2	.2	6.1
21	20.5	33.6	25.6	68.7	0.0	0.0	0.0	5.9
22	19.5	34.3	26.4	58.3	0.0	0.0	0.0	8.5
23	19.6	34.4	25.8	61.7	0.0	0.0	0.0	8.3
24	20.0	33.7	26.0	58.3	0.0	0.0	0.0	7.9
25	21.0	34.5	26.1	63.0	0.0	0.0	0.0	8.1
26	19.0	34.5	26.3	58.0	0.0	0.0	0.0	9.0
27	21.4	34.4	26.8	60.3	0.0	0.0	0.0	8.7
28	20.5	34.0	26.6	60.0	0.0	.2	.2	7.2
29	21.9	29.8	25.2	72.7	0.0	0.0	0.0	2.3
30	21.5	31.0	25.8	69.3	0.0	0.0	0.0	3.1
31	21.0	33.0	26.8	61.7	0.0	0.0	0.0	6.2
Total :					22.7	168.4	191.1	173.5
Promedio :	20.5	32.5	25.6	66.4				

Estación : LA CRISTALINA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : TAMESIS

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	19.4	32.6	25.5	36.0	17.5	65.2	77.4	6	225.1
Febrero	19.9	33.3	26.2	37.2	17.5	61.7	71.5	14	192.4
Marzo	20.0	33.2	26.0	36.8	18.8	62.6	111.3	15	188.6
Abril	20.2	31.4	25.3	35.3	18.8	69.6	232.1	21	137.9
Mayo	20.3	31.6	25.2	36.6	17.8	68.5	163.2	16	146.8
Junio	20.5	32.1	25.6	35.0	19.0	65.1	156.2	15	185.6
Julio	19.8	32.9	25.7	36.5	17.0	62.6	150.2	10	207.7
Agosto	20.0	34.4	26.8	38.0	18.0	55.9	69.3	10	212.8
Septiembre	20.5	33.2	26.0	36.5	19.0	61.0	224.5	15	191.1
Octubre	20.2	32.2	25.1	35.4	19.0	66.9	241.4	21	178.4
Noviembre	20.2	32.4	25.3	35.5	19.0	67.7	219.1	12	185.4
Diciembre	20.5	32.5	25.6	35.5	19.0	66.4	191.1	13	173.5
Promedio :	20.1	32.7	25.7			64.4			
Absoluta :				38.0	17.0				
Total :							1907.3	168	2225.3



Estación : MIGUEL VALENCIA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : JARDIN

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	28.2	21.0	69.0	0.0	0.0	0.0	8.8
2	16.2	27.0	20.3	72.3	0.0	0.0	0.0	6.3
3	15.0	26.4	19.5	76.3	0.0	.4	.4	6.0
4	16.2	27.0	19.9	76.0	0.0	0.0	0.0	8.0
5	13.3	27.2	19.5	72.3	0.0	0.0	0.0	8.4
6	14.3	27.0	18.9	81.7	1.0	0.0	1.0	5.7
7	16.0	28.0	20.2	75.7	0.0	2.8	2.8	5.5
8	15.3	26.2	19.4	75.3	0.0	4.4	4.4	6.7
9	16.1	26.0	19.0	77.3	1.2	1.2	2.4	6.7
10	14.0	27.1	19.3	73.7	0.0	0.0	0.0	7.1
11	15.2	27.2	19.0	74.0	0.0	0.0	0.0	9.1
12	14.2	26.0	18.8	76.0	0.0	0.0	0.0	5.2
13	16.1	25.0	19.4	80.7	0.0	2.2	2.2	2.5
14	16.0	24.4	18.6	79.0	.4	0.0	.4	2.0
15	15.0	28.2	19.5	72.7	0.0	0.0	0.0	6.4
16	14.0	28.1	18.0	80.3	5.4	0.0	5.4	7.2
17	15.4	28.0	19.6	72.3	0.0	0.0	0.0	7.7
18	15.1	27.0	19.7	73.0	0.0	0.0	0.0	7.9
19	13.3	28.2	20.2	70.7	0.0	0.0	0.0	9.5
20	15.4	26.4	18.9	80.0	7.4	.1	7.5	3.7
21	14.4	27.0	18.4	76.3	16.0	0.0	16.0	5.6
22	14.0	26.1	19.2	78.3	.6	.3	.9	3.2
23	13.0	27.2	19.5	74.3	0.0	0.0	0.0	8.5
24	14.0	26.4	19.1	74.3	0.0	0.0	0.0	4.4
25	14.2	27.2	20.0	72.7	0.0	0.0	0.0	5.0
26	16.0	27.0	19.5	76.3	0.0	0.0	0.0	4.3
27	14.0	28.1	20.3	70.3	0.0	0.0	0.0	6.8
28	14.2	28.3	19.7	75.0	.5	0.0	.5	6.3
29	13.2	29.0	19.4	77.0	5.2	.3	5.5	6.1
30	15.3	25.0	17.7	90.0	1.0	0.0	1.0	3.1
31	13.2	24.4	18.4	77.3	0.0	0.0	0.0	1.6
Total :					38.7	11.7	50.4	185.3
Promedio :	14.8	26.9	19.4	75.8				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.3	28.0	20.7	72.3	0.0	0.0	0.0	6.4
2	16.3	27.2	21.0	71.0	0.0	14.7	14.7	4.5
3	17.2	25.0	19.7	76.3	4.7	9.0	13.7	1.3
4	16.1	23.3	18.2	82.7	.8	0.0	.8	.2
5	15.2	28.1	19.6	72.7	0.0	0.0	0.0	9.6
6	13.3	29.0	19.5	69.3	0.0	0.0	0.0	9.1
7	12.1	25.2	18.0	76.3	0.0	0.0	0.0	4.3
8	14.1	21.2	17.3	84.3	0.0	0.0	0.0	.1
9	15.1	23.3	17.8	84.3	.3	.2	.5	.2
10	16.3	26.1	19.5	75.7	.1	2.0	2.1	4.9
11	14.5	28.0	19.5	77.7	.8	0.0	.8	5.7
12	14.6	26.0	19.5	79.7	2.6	0.0	2.6	4.0
13	14.8	29.3	20.8	69.7	0.0	3.0	3.0	9.9
14	15.2	28.3	20.2	77.3	1.1	0.0	1.1	7.3
15	15.4	27.3	20.6	72.7	0.0	.3	.3	5.9
16	16.4	27.2	20.6	72.7	0.0	0.0	0.0	5.0
17	15.5	29.2	22.1	68.0	0.0	0.0	0.0	8.0
18	15.0	29.0	20.6	73.7	0.0	8.5	8.5	7.3
19	14.8	25.2	19.5	75.7	.6	0.0	.6	2.7
20	15.1	28.1	20.2	75.0	0.0	0.0	0.0	7.8
21	15.2	29.0	21.0	73.3	0.0	0.0	0.0	5.8
22	16.1	28.6	19.2	82.0	17.0	7.0	24.0	5.6
23	14.2	27.9	20.1	77.7	0.0	1.0	1.0	6.9
24	14.1	29.4	20.9	69.7	0.0	0.0	0.0	9.1
25	13.5	29.0	20.3	74.7	0.0	0.0	0.0	8.9
26	16.0	29.1	21.1	72.7	0.0	0.0	0.0	7.0
27	17.0	26.0	20.0	82.3	2.0	23.0	25.0	1.6
28	15.2	28.2	20.8	76.0	0.0	0.0	0.0	7.6
29								
30								
31								
Total :					30.0	68.7	98.7	156.7
Promedio :	15.2	27.2	19.9	75.6				

Estación : MIGUEL VALENCIA | Dpto. : ANTIOQUIA | Latitud : 5 ° 36 ' N
Año : 2002 | Mpio. : JARDIN | Longitud : 75 ° 51 ' W
Altitud : 1570 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	29.9	20.3	73.0	0.0	0.0	0.0	7.0
2	13.3	30.0	21.1	72.7	0.0	0.0	0.0	7.2
3	16.4	29.8	21.4	73.7	0.0	5.2	5.2	8.8
4	15.4	29.0	20.3	76.3	0.0	0.0	0.0	7.6
5	14.4	27.8	19.8	74.3	0.0	0.0	0.0	6.7
6	15.4	28.0	19.4	79.7	16.0	1.0	17.0	6.0
7	15.3	28.3	20.2	74.0	0.0	1.4	1.4	4.9
8	15.4	29.4	21.2	76.3	0.0	0.0	0.0	8.7
9	14.3	29.0	20.2	76.0	0.0	0.0	0.0	3.8
10	16.0	29.8	19.5	75.0	5.7	0.0	5.7	6.9
11	13.4	27.3	19.6	77.7	0.0	6.9	6.9	5.3
12	16.4	24.4	19.8	79.0	0.0	0.0	0.0	.2
13	16.0	29.0	20.8	77.3	0.0	1.5	1.5	5.3
14	16.7	27.0	20.0	79.3	2.0	26.0	28.0	1.6
15	16.2	23.0	18.4	89.0	0.0	0.0	0.0	1.3
16	16.0	28.8	21.0	77.7	0.0	15.0	15.0	4.7
17	16.8	28.1	22.5	72.0	0.0	0.0	0.0	4.9
18	15.0	28.6	19.4	79.3	0.0	4.3	4.3	3.3
19	16.0	24.2	18.4	87.0	1.0	0.0	1.0	1.0
20	16.4	23.6	19.0	83.3	1.8	20.0	21.8	1.5
21	15.4	19.5	16.8	91.7	10.0	0.0	10.0	0.0
22	14.5	26.2	19.6	80.3	3.0	4.5	7.5	3.2
23	15.3	27.2	19.7	79.0	5.0	0.0	5.0	3.7
24	15.2	27.0	19.9	81.0	6.4	41.0	47.4	4.3
25	15.3	28.2	20.1	77.7	0.0	0.0	0.0	5.0
26	16.0	29.2	20.8	75.7	0.0	.2	.2	6.5
27	16.2	24.5	19.3	87.0	1.5	0.0	1.5	2.3
28	14.6	27.1	19.3	78.7	0.0	32.8	32.8	3.8
29	15.2	21.2	17.1	96.3	6.9	0.0	6.9	.9
30	14.0	28.8	20.8	74.3	0.0	0.0	0.0	7.7
31	15.2	31.1	20.7	78.7	1.9	0.0	1.9	7.1
Total :					61.2	159.8	221.0	141.2
Promedio :	15.4	27.3	19.9	79.1				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	27.0	20.0	81.3	.2	7.5	7.7	.7
2	16.5	23.2	19.0	80.3	0.0	0.0	0.0	0.0
3	15.1	27.4	20.2	79.7	.1	9.2	9.3	3.3
4	16.2	29.0	20.0	80.7	.1	1.1	1.2	5.6
5	16.4	25.0	19.2	84.3	0.0	0.0	0.0	2.1
6	15.0	28.7	20.3	82.0	2.5	0.0	2.5	5.6
7	16.1	22.0	16.8	95.3	6.5	0.0	6.5	.6
8	15.3	24.3	18.4	90.3	1.6	11.4	13.0	2.6
9	14.5	27.2	19.3	81.3	0.0	4.0	4.0	4.9
10	14.4	25.1	18.2	83.3	6.0	0.0	6.0	3.5
11	13.4	25.0	17.6	84.3	9.5	17.0	26.5	5.5
12	14.6	26.3	18.1	80.7	1.3	13.9	15.2	5.7
13	14.5	25.0	19.1	81.3	0.0	0.0	0.0	5.8
14	14.4	25.1	19.3	78.7	0.0	.8	.8	7.0
15	16.2	28.0	20.1	79.7	0.0	.3	.3	5.1
16	17.0	28.3	20.7	79.3	.3	5.2	5.5	5.4
17	16.4	25.3	20.2	84.3	0.0	4.9	4.9	3.6
18	15.8	23.2	18.4	84.3	2.7	.1	2.8	.1
19	13.3	28.0	19.1	80.0	0.0	1.9	1.9	5.7
20	15.5	26.8	20.0	82.7	0.0	10.6	10.6	4.3
21	16.2	26.2	19.7	82.3	.8	.1	.9	1.8
22	14.4	28.0	19.4	80.7	1.4	5.3	6.7	7.8
23	16.2	29.7	20.6	79.0	0.0	3.0	3.0	4.4
24	15.8	29.0	19.7	87.7	.5	33.7	34.2	5.4
25	15.2	21.8	18.1	87.3	1.5	10.0	11.5	0.0
26	16.2	22.3	18.2	87.0	1.0	10.0	11.0	.4
27	15.2	26.4	17.8	88.7	9.0	0.0	9.0	3.0
28	13.3	26.5	18.8	84.0	34.0	7.7	41.7	5.1
29	16.0	28.0	20.0	82.7	.2	22.4	22.6	6.8
30	16.4	22.5	18.1	92.0	2.7	0.0	2.7	.2
31								
Total :					81.9	180.1	262.0	112.0
Promedio :	15.4	26.0	19.1	83.5				

Estación : MIGUEL VALENCIA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : JARDIN

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	27.0	19.0	83.0	6.2	.3	6.5	5.8
2	14.3	28.0	19.8	81.3	4.0	.6	4.6	7.4
3	15.2	25.2	19.5	82.3	4.0	6.1	10.1	4.7
4	14.4	28.3	20.2	76.0	.2	0.0	.2	8.8
5	14.3	28.2	20.0	77.7	0.0	0.0	0.0	7.0
6	13.5	30.1	21.2	76.3	0.0	0.0	0.0	7.8
7	15.1	28.2	21.0	76.3	0.0	5.2	5.2	5.0
8	16.2	26.3	19.6	82.7	0.0	0.0	0.0	1.5
9	15.0	29.0	20.8	79.3	.2	0.0	.2	5.8
10	16.0	29.4	21.2	77.0	.5	0.0	.5	7.3
11	16.2	27.0	20.0	81.0	.8	0.0	.8	2.7
12	13.5	30.3	20.8	72.3	0.0	0.0	0.0	7.1
13	14.2	28.3	21.3	73.3	0.0	0.0	0.0	3.0
14	15.2	29.3	21.3	74.7	0.0	0.0	0.0	6.7
15	15.1	29.4	21.0	73.3	0.0	3.7	3.7	2.9
16	16.0	28.0	20.9	73.7	.2	3.0	3.2	4.1
17	16.6	27.0	21.0	72.7	1.1	6.4	7.5	3.5
18	16.8	26.9	20.8	75.3	2.3	28.9	31.2	3.8
19	16.2	25.0	19.2	81.3	0.0	0.0	0.0	3.0
20	15.2	27.1	19.4	79.3	5.6	48.0	53.6	5.1
21	16.0	26.0	19.7	70.3	0.0	0.0	0.0	3.6
22	15.0	21.8	18.2	91.0	6.3	0.0	6.3	.1
23	14.5	26.2	17.7	84.3	28.7	5.4	34.1	2.7
24	13.8	28.8	20.0	73.3	2.0	2.0	4.0	6.4
25	16.8	23.0	18.7	81.7	2.6	0.0	2.6	.1
26	14.0	24.8	18.3	76.0	0.0	0.0	0.0	4.5
27	14.8	28.0	20.3	70.7	0.0	9.8	9.8	6.7
28	14.6	26.0	18.2	71.0	0.0	0.0	0.0	6.3
29	15.0	26.5	18.7	76.0	.9	1.3	2.2	6.0
30	15.2	24.2	19.2	77.3	0.0	0.0	0.0	1.4
31	16.0	23.0	19.2	80.7	0.0	0.0	0.0	0.0
Total :					65.6	120.7	186.3	140.8
Promedio :	15.2	27.0	19.9	77.5				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	27.8	20.4	75.7	6.0	30.9	36.9	5.4
2	15.2	23.7	18.6	79.0	0.0	0.0	0.0	3.3
3	15.4	26.0	19.6	75.7	0.0	0.0	0.0	6.9
4	13.4	23.0	18.2	78.0	4.8	0.0	4.8	.6
5	15.3	26.0	18.0	77.3	15.0	18.0	33.0	3.3
6	15.2	22.8	17.4	83.7	3.6	7.0	10.6	.6
7	15.0	24.0	17.4	86.0	1.0	0.0	1.0	2.8
8	14.4	28.0	19.5	73.7	0.0	16.0	16.0	5.3
9	15.8	24.7	18.4	82.3	1.9	0.0	1.9	2.0
10	14.1	27.3	19.7	74.0	2.9	6.2	9.1	6.1
11	15.0	27.9	19.2	77.0	0.0	0.0	0.0	7.5
12	15.1	27.0	19.3	77.3	0.0	3.3	3.3	6.3
13	15.4	26.1	20.7	69.7	0.0	0.0	0.0	6.5
14	14.4	27.1	19.4	75.0	0.0	0.0	0.0	7.4
15	15.1	27.0	20.2	75.3	0.0	0.0	0.0	5.3
16	15.0	28.0	20.1	72.0	0.0	7.0	7.0	6.3
17	15.3	25.8	19.8	77.0	0.0	0.0	0.0	4.8
18	16.0	26.0	20.8	74.7	1.0	0.0	1.0	6.4
19	14.2	29.2	20.6	67.7	0.0	0.0	0.0	9.6
20	12.8	28.4	20.2	67.3	0.0	0.0	0.0	5.8
21	14.0	27.5	21.0	71.3	0.0	0.0	0.0	7.2
22	15.2	27.8	21.0	70.3	0.0	0.0	0.0	6.6
23	13.6	27.2	20.0	70.0	0.0	0.0	0.0	5.4
24	14.4	28.6	20.4	69.3	0.0	0.0	0.0	9.3
25	16.0	27.2	20.4	71.7	0.0	0.0	0.0	5.4
26	13.6	28.4	21.2	65.0	0.0	0.0	0.0	7.4
27	14.4	28.0	20.9	67.0	0.0	0.0	0.0	4.6
28	14.2	27.0	21.3	71.3	0.0	0.0	0.0	5.1
29	17.4	29.0	20.4	76.0	16.0	0.0	16.0	6.3
30	14.6	29.5	20.4	67.7	0.0	0.0	0.0	9.6
31								
Total :					52.2	88.4	140.6	169.1
Promedio :	14.8	26.9	19.8	73.9				

Estación : MIGUEL VALENCIA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : JARDIN

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	28.6	21.0	66.7	0.0	0.0	0.0	7.4
2	14.8	28.0	20.5	72.3	0.0	0.0	0.0	3.6
3	14.2	29.4	22.0	63.7	0.0	0.0	0.0	7.8
4	16.2	27.5	20.6	76.7	0.0	5.0	5.0	4.1
5	14.2	26.8	19.1	80.0	5.5	27.0	32.5	4.7
6	15.8	25.0	19.0	83.0	2.0	0.0	2.0	1.6
7	13.8	28.0	19.4	76.3	1.0	0.0	1.0	7.1
8	15.2	28.6	21.2	74.0	0.0	0.0	0.0	7.1
9	14.0	29.8	21.5	71.3	0.0	0.0	0.0	8.0
10	16.0	27.0	19.9	76.3	5.6	0.0	5.6	1.7
11	15.6	27.5	19.2	74.3	13.0	0.0	13.0	5.9
12	14.2	29.0	20.5	67.0	0.0	0.0	0.0	10.4
13	14.0	30.0	21.4	56.7	0.0	0.0	0.0	9.5
14	15.0	30.2	22.4	61.7	0.0	0.0	0.0	8.6
15	17.2	26.8	20.7	74.7	0.0	0.0	0.0	5.4
16	15.8	27.0	20.0	77.3	3.8	0.0	3.8	4.7
17	17.2	26.6	20.6	73.0	0.0	5.5	5.5	5.5
18	16.8	23.0	19.5	84.3	6.0	0.0	6.0	.8
19	14.6	25.4	19.6	74.3	3.4	0.0	3.4	4.8
20	15.4	26.6	20.2	72.0	0.0	41.0	41.0	4.8
21	15.0	26.4	19.2	75.7	0.0	0.0	0.0	5.4
22	15.8	27.8	20.6	68.3	0.0	0.0	0.0	8.7
23	16.0	27.0	19.6	72.7	1.5	18.0	19.5	6.7
24	14.6	26.8	20.0	66.3	0.0	12.0	12.0	9.7
25	13.8	27.8	19.8	74.3	.7	0.0	.7	7.0
26	13.4	28.9	20.2	69.3	0.0	0.0	0.0	9.0
27	13.0	28.2	19.7	68.7	0.0	0.0	0.0	8.5
28	14.0	28.6	20.8	63.0	0.0	0.0	0.0	8.7
29	13.2	27.6	19.9	65.7	0.0	0.0	0.0	7.9
30	11.2	29.2	19.6	62.3	0.0	0.0	0.0	9.6
31	14.2	26.0	17.9	76.3	4.0	0.0	4.0	4.9
Total :					46.5	108.5	155.0	199.6
Promedio :	14.8	27.6	20.2	71.6				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.2	27.0	20.5	67.0	0.0	0.0	0.0	7.2
2	13.6	27.2	19.4	73.3	0.0	0.0	0.0	7.2
3	14.0	26.0	19.2	73.0	0.0	0.0	0.0	4.8
4	13.2	28.4	20.2	68.0	0.0	.7	.7	8.1
5	15.6	27.6	21.0	67.3	0.0	0.0	0.0	6.6
6	13.6	29.4	21.0	68.3	0.0	0.0	0.0	8.2
7	13.7	27.6	20.8	69.0	0.0	0.0	0.0	2.0
8	13.8	27.2	19.6	72.0	0.0	10.8	10.8	6.1
9	15.8	26.6	19.6	75.3	5.0	0.0	5.0	4.2
10	13.0	27.6	20.0	72.7	0.0	0.0	0.0	7.8
11	13.6	26.3	19.0	72.3	.3	0.0	.3	5.7
12	12.8	28.6	20.0	69.3	0.0	0.0	0.0	7.6
13	14.0	27.8	19.7	73.7	0.0	0.0	0.0	5.6
14	13.7	28.0	20.8	68.0	0.0	0.0	0.0	7.8
15	14.2	29.0	21.4	65.7	0.0	0.0	0.0	6.6
16	13.8	28.6	21.5	57.3	0.0	0.0	0.0	6.7
17	11.8	28.2	20.2	56.7	0.0	0.0	0.0	6.4
18	12.0	28.9	19.7	67.0	0.0	0.0	0.0	6.8
19	13.2	25.8	19.5	74.7	1.5	0.0	1.5	4.2
20	15.6	28.0	20.2	75.7	0.0	0.0	0.0	6.0
21	15.0	29.8	21.5	65.7	0.0	0.0	0.0	7.6
22	14.4	30.2	21.5	68.0	0.0	0.0	0.0	6.2
23	15.6	27.2	20.2	72.3	2.4	0.0	2.4	2.5
24	13.2	29.8	20.1	73.3	0.0	0.0	0.0	8.0
25	15.6	28.2	20.6	66.7	.2	8.8	9.0	5.6
26	16.6	25.0	20.2	74.3	0.0	17.5	17.5	2.6
27	15.6	24.2	18.3	80.7	0.0	0.0	0.0	.5
28	15.8	28.0	20.3	71.7	.4	14.1	14.5	4.1
29	15.3	21.8	18.0	80.0	8.3	0.0	8.3	0.0
30	12.8	26.6	20.0	70.3	0.0	.3	.3	6.0
31	16.8	26.2	20.5	72.3	0.0	1.0	1.0	4.8
Total :					18.1	53.2	71.3	173.5
Promedio :	14.2	27.4	20.1	70.4				

Estación : MIGUEL VALENCIA Dpto. : ANTIOQUIA Latitud : 5 ° 36 ' N
Año : 2002 Mpio. : JARDIN Longitud : 75 ° 51 ' W
Altitud : 1570 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.2	20.0	76.7	3.8	27.0	30.8	6.0
2	15.4	25.4	18.6	81.3	11.1	0.0	11.1	5.0
3	15.0	28.1	20.4	73.7	4.1	11.0	15.1	9.2
4	15.6	29.0	20.2	71.7	0.0	0.0	0.0	8.1
5	14.8	27.4	20.0	65.7	0.0	0.0	0.0	4.5
6	14.0	29.2	20.1	71.0	.2	0.0	.2	7.3
7	15.6	30.2	21.2	63.3	0.0	0.0	0.0	8.2
8	13.2	30.8	21.4	59.3	0.0	0.0	0.0	9.2
9	14.4	29.0	21.1	67.0	0.0	0.0	0.0	6.2
10	16.6	25.0	19.0	78.7	6.0	2.8	8.8	2.0
11	15.8	26.0	19.7	77.7	0.0	0.0	0.0	1.6
12	14.8	29.0	21.1	72.7	0.0	0.0	0.0	6.8
13	15.0	29.8	20.6	69.0	0.0	0.0	0.0	8.6
14	16.2	26.0	20.1	73.0	0.0	0.0	0.0	.9
15	16.2	29.4	21.4	72.0	.6	0.0	.6	6.5
16	16.0	27.4	20.6	74.0	0.0	0.0	0.0	4.4
17	15.0	24.0	17.5	91.3	5.3	5.1	10.4	1.4
18	15.8	25.2	18.8	76.3	2.1	3.9	6.0	1.0
19	16.4	26.6	19.0	76.3	.2	.1	.3	5.6
20	15.6	25.4	19.4	77.0	.8	8.9	9.7	3.5
21	15.0	28.6	19.3	75.7	1.2	0.0	1.2	5.6
22	13.4	29.2	21.1	66.7	0.0	1.5	1.5	7.4
23	14.8	29.5	18.3	71.3	1.4	1.4	2.8	5.7
24	14.6	27.2	20.8	70.0	0.0	16.1	16.1	5.2
25	16.0	29.0	20.6	69.0	0.0	63.4	63.4	3.9
26	14.8	26.8	18.8	78.3	0.0	0.0	0.0	1.8
27	15.6	25.6	19.2	83.7	4.3	42.3	46.6	4.4
28	14.4	23.5	17.6	77.0	0.0	0.0	0.0	.9
29	13.8	27.9	19.2	71.7	9.6	2.7	12.3	7.9
30	14.4	27.8	19.2	78.0	1.3	0.0	1.3	6.2
31								
Total :					52.0	186.2	238.2	155.0
Promedio :	15.2	27.5	19.8	73.6				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	29.0	20.1	72.0	0.0	0.0	0.0	8.2
2	14.2	29.5	21.0	66.0	0.0	0.0	0.0	8.7
3	14.6	30.0	19.2	75.3	15.9	0.0	15.9	7.4
4	13.0	28.0	19.8	70.7	0.0	0.0	0.0	3.6
5	14.0	29.8	20.0	71.3	0.0	4.6	4.6	5.2
6	14.8	26.6	19.6	75.0	.9	0.0	.9	5.9
7	16.0	24.0	18.6	84.0	2.3	0.0	2.3	2.2
8	14.4	27.0	19.2	77.3	8.3	0.0	8.3	5.0
9	15.8	28.0	20.6	74.0	.3	.7	1.0	6.1
10	16.6	27.8	21.4	67.3	0.0	1.1	1.1	3.3
11	16.2	25.0	19.4	79.7	0.0	0.0	0.0	2.0
12	14.8	26.6	19.4	78.3	.2	0.0	.2	3.8
13	17.0	28.0	20.0	74.3	.1	0.0	.1	5.1
14	14.8	29.8	21.3	68.3	1.8	7.9	9.7	9.2
15	15.4	29.2	20.6	73.0	.8	.1	.9	7.4
16	15.0	26.4	19.0	75.3	.9	4.1	5.0	6.5
17	15.8	26.0	19.0	78.0	1.1	4.9	6.0	2.7
18	15.2	23.5	18.4	82.0	2.4	0.0	2.4	2.1
19	14.8	27.0	19.4	76.7	1.5	0.0	1.5	4.0
20	13.8	26.8	19.0	77.7	0.0	5.3	5.3	4.5
21	14.6	27.4	19.6	79.0	12.0	7.5	19.5	5.2
22	15.2	21.8	17.0	92.0	5.9	0.0	5.9	1.0
23	13.8	27.6	20.1	76.7	.4	9.8	10.2	3.9
24	15.0	25.0	18.4	82.0	0.0	6.2	6.2	3.2
25	15.4	28.0	19.5	76.0	1.9	0.0	1.9	6.4
26	15.9	26.4	19.8	76.7	.4	34.5	34.9	4.8
27	15.2	22.6	18.5	83.0	.7	.2	.9	2.8
28	15.6	23.6	18.3	87.0	1.0	0.0	1.0	4.4
29	14.5	22.0	18.7	84.3	.2	10.4	10.6	2.4
30	15.4	22.7	18.1	84.7	1.0	.6	1.6	.2
31	14.2	27.2	20.2	73.0	0.0	7.1	7.1	6.6
Total :					60.0	105.0	165.0	143.8
Promedio :	15.0	26.5	19.5	77.1				

Estación : MIGUEL VALENCIA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : JARDIN

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	24.4	18.8	79.0	.3	8.6	8.9	2.8
2	15.5	22.0	18.4	81.7	.7	13.6	14.3	.5
3	15.2	23.0	17.8	83.3	3.3	0.0	3.3	1.2
4	13.0	28.2	19.0	75.7	2.7	3.8	6.5	8.1
5	13.6	27.0	19.4	74.7	.6	18.6	19.2	6.7
6	15.0	25.4	18.6	80.0	.3	.5	.8	4.9
7	15.2	24.0	18.1	83.0	4.2	19.2	23.4	2.6
8	14.8	23.0	18.2	79.3	1.2	.2	1.4	.9
9	15.0	27.5	19.3	75.3	2.8	9.2	12.0	5.8
10	16.0	26.6	20.0	76.3	0.0	0.0	0.0	7.3
11	13.8	26.2	19.7	73.0	0.0	0.0	0.0	5.1
12	14.2	25.4	18.7	74.7	.3	0.0	.3	4.0
13	14.6	25.6	18.6	79.0	0.0	.2	.2	4.8
14	14.8	26.8	20.2	68.7	0.0	0.0	0.0	6.5
15	16.2	27.8	19.1	76.3	16.1	.5	16.6	4.6
16	14.8	28.7	20.4	72.7	0.0	0.0	0.0	7.2
17	14.2	24.2	19.1	79.3	.4	.3	.7	.7
18	15.2	26.0	19.9	72.7	0.0	0.0	0.0	5.7
19	16.6	25.0	18.8	78.3	0.0	0.0	0.0	3.3
20	14.8	28.4	20.5	68.0	0.0	0.0	0.0	8.5
21	15.2	27.8	20.6	74.0	.8	0.0	.8	5.4
22	14.8	27.8	20.4	69.3	0.0	0.0	0.0	8.5
23	13.6	27.6	19.7	74.3	0.0	0.0	0.0	9.0
24	14.5	28.2	20.0	73.7	0.0	0.0	0.0	6.6
25	15.6	28.0	20.9	73.7	0.0	0.0	0.0	6.4
26	15.8	29.0	21.0	71.0	0.0	0.0	0.0	7.8
27	16.0	27.6	20.5	76.7	0.0	0.0	0.0	3.2
28	15.8	27.2	20.2	77.3	0.0	0.0	0.0	4.4
29	16.2	26.0	19.6	76.3	.3	0.0	.3	2.5
30	14.6	25.2	18.9	79.7	3.0	0.0	3.0	5.3
31								
Total :					37.0	74.7	111.7	150.3
Promedio :	15.0	26.3	19.5	75.9				

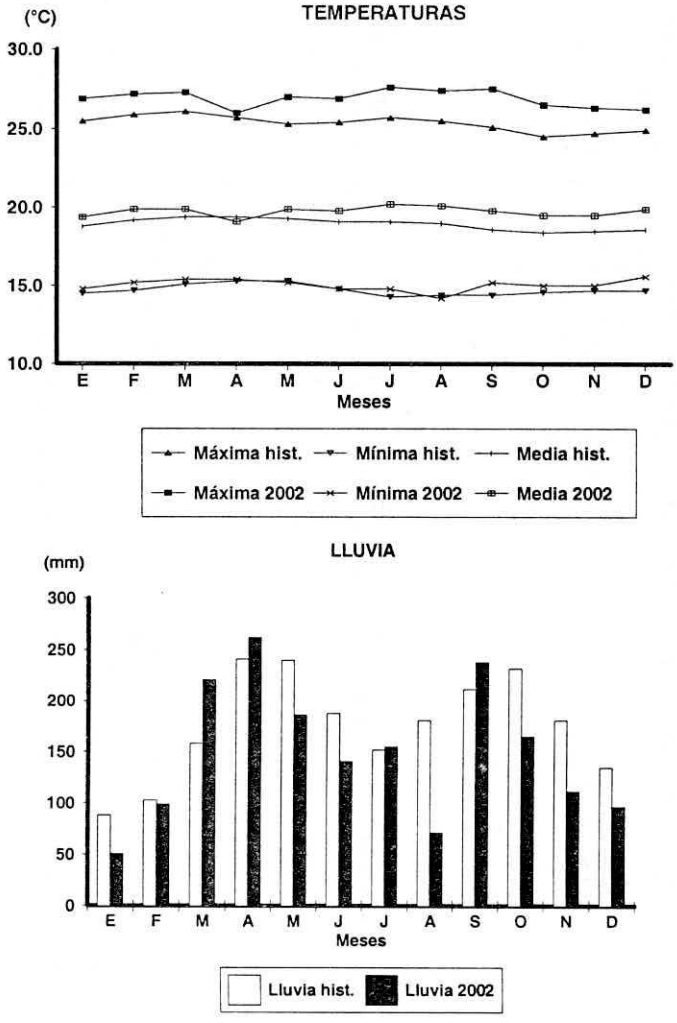
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.3	28.0	20.2	75.0	0.0	0.0	0.0	7.7
2	15.6	29.0	20.2	76.3	2.2	0.0	2.2	7.3
3	15.2	26.6	19.7	77.7	0.0	0.0	0.0	2.2
4	15.0	28.6	20.0	67.3	0.0	0.0	0.0	6.8
5	16.0	26.4	20.0	75.3	2.6	0.0	2.6	6.3
6	15.8	27.4	20.5	74.7	0.0	0.0	0.0	4.4
7	15.6	28.0	20.9	74.3	2.4	0.0	2.4	4.7
8	16.0	23.2	19.6	86.0	0.0	.4	.4	.1
9	15.6	28.2	19.9	76.3	0.0	.1	.1	7.2
10	15.8	29.6	22.0	67.7	0.0	1.5	1.5	6.5
11	17.0	24.0	20.1	82.3	6.6	.3	6.9	1.0
12	15.2	28.6	21.0	74.0	0.0	0.0	0.0	4.5
13	16.6	27.8	20.7	76.3	0.0	7.0	7.0	3.6
14	17.6	23.4	19.3	91.3	8.8	7.9	16.7	.1
15	16.0	17.5	17.0	94.0	16.3	.8	17.1	0.0
16	14.6	24.0	18.9	80.7	0.0	11.3	11.3	.4
17	15.8	21.8	18.0	90.7	10.8	6.9	17.7	.1
18	15.1	22.4	18.6	87.3	1.1	.1	1.2	.3
19	15.7	26.5	19.8	74.7	0.0	0.0	0.0	4.6
20	15.4	26.4	19.6	78.3	.8	.3	1.1	2.8
21	15.6	27.0	20.3	73.0	0.0	0.0	0.0	5.2
22	14.2	27.6	20.3	72.3	0.0	0.0	0.0	7.3
23	15.0	28.8	20.8	68.0	0.0	0.0	0.0	9.2
24	14.6	28.0	20.8	69.3	0.0	0.0	0.0	6.3
25	14.4	27.0	18.7	78.7	7.0	0.0	7.0	4.9
26	14.0	27.8	20.0	75.0	0.0	0.0	0.0	8.3
27	16.8	27.0	19.7	75.0	0.0	0.0	0.0	5.4
28	14.4	26.5	20.2	75.0	1.0	.6	1.6	5.6
29	16.8	23.6	19.8	83.7	0.0	0.0	0.0	0.0
30	16.0	25.0	19.9	75.3	0.0	0.0	0.0	1.6
31	15.9	27.4	21.0	70.7	0.0	0.0	0.0	4.0
Total :					59.6	37.2	96.8	128.4
Promedio :	15.6	26.2	19.9	77.3				

Estación : MIGUEL VALENCIA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : JARDIN

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	14.8	26.9	19.4	29.0	13.0	75.8	50.4	14	185.3
Febrero	15.2	27.2	19.9	29.4	12.1	75.6	98.7	15	156.7
Marzo	15.4	27.3	19.9	31.1	13.3	79.1	221.0	20	141.2
Abril	15.4	26.0	19.1	29.7	13.3	83.5	262.0	27	112.0
Mayo	15.2	27.0	19.9	30.3	13.5	77.5	186.3	19	140.8
Junio	14.8	26.9	19.8	29.5	12.8	73.9	140.6	12	169.1
Julio	14.8	27.6	20.2	30.2	11.2	71.6	155.0	15	199.6
Agosto	14.2	27.4	20.1	30.2	11.8	70.4	71.3	12	173.5
Septiembre	15.2	27.5	19.8	30.8	13.2	73.6	238.2	18	155.0
Octubre	15.0	26.5	19.5	30.0	13.0	77.1	165.0	27	143.8
Noviembre	15.0	26.3	19.5	29.0	13.0	75.9	111.7	16	150.3
Diciembre	15.6	26.2	19.9	29.6	14.0	77.3	96.8	16	128.4
Promedio :	15.0	26.9	19.7			75.9			
Absoluta :				31.1	11.2				
Total :							1797.0	211	1855.7



Estación : BERTHA
Año : 2002

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	14.0	27.5	19.2	73.0	0.0	0.0	0.0	8.0
2	10.4	27.6	19.6	73.0	0.0	0.0	0.0	8.2
3	11.5	27.3	19.8	73.7	.1	0.0	.1	8.5
4	13.7	26.5	18.9	72.7	0.0	0.0	0.0	4.1
5	11.5	27.0	19.8	66.7	0.0	0.0	0.0	9.3
6	12.4	27.4	19.2	74.3	0.0	0.0	0.0	5.6
7	13.5	27.0	20.0	71.0	0.0	0.0	0.0	8.9
8	15.4	27.4	19.6	71.3	0.0	0.0	0.0	8.2
9	12.6	27.5	19.7	69.3	0.0	.1	.1	8.9
10	13.0	27.7	19.4	67.7	0.0	0.0	0.0	8.8
11	11.2	27.2	19.6	69.7	0.0	0.0	0.0	6.7
12	11.5	27.0	18.6	72.3	.9	6.0	6.9	4.6
13	15.4	26.0	19.7	72.7	.1	2.7	2.8	2.7
14	12.6	29.0	19.2	73.0	.6	0.0	.6	7.8
15	11.4	28.2	19.4	72.0	.1	.1	.2	7.9
16	14.0	27.4	19.8	73.3	0.0	.9	.9	7.6
17	11.4	28.0	19.5	69.3	0.0	0.0	0.0	8.8
18	13.5	27.5	19.2	69.3	0.0	0.0	0.0	8.5
19	9.5	28.0	19.2	67.0	0.0	.8	.8	9.0
20	10.4	28.8	20.5	66.7	0.0	0.0	0.0	6.5
21	11.5	28.6	19.8	68.0	0.0	0.0	0.0	8.8
22	11.8	27.2	19.1	57.7	0.0	0.0	0.0	9.5
23	10.2	26.5	19.0	77.0	7.6	0.0	7.6	4.4
24	11.4	27.5	18.8	72.0	0.0	0.0	0.0	5.7
25	10.2	28.0	20.4	66.7	0.0	0.0	0.0	6.6
26	10.5	28.4	19.3	69.7	0.0	0.0	0.0	7.8
27	9.0	28.6	19.8	51.3	0.0	0.0	0.0	5.6
28	11.0	29.6	20.0	59.3	0.0	0.0	0.0	5.6
29	10.2	29.0	19.6	68.7	0.0	0.0	0.0	5.4
30	13.0	27.0	19.7	72.7	0.0	.1	.1	3.0
31	11.0	28.2	19.5	74.3	0.0	1.9	1.9	5.6
Total :					9.4	12.6	22.0	216.6
Promedio :	11.9	27.7	19.5	69.5				

Febrero	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.0	29.0	20.4	66.7	1.1	0.0	1.1	6.3
2	13.0	28.2	20.6	72.7	0.0	22.8	22.8	7.1
3	14.2	27.8	19.1	77.0	.3	0.0	.3	1.7
4	14.5	25.0	18.4	75.3	.2	.1	.3	2.5
5	13.5	25.6	18.2	75.7	0.0	0.0	0.0	6.4
6	13.8	27.6	20.4	62.7	0.0	0.0	0.0	8.1
7	15.4	25.0	19.1	71.7	0.0	0.0	0.0	2.0
8	13.2	25.4	19.2	72.0	0.0	1.7	1.7	2.3
9	15.0	25.2	19.0	75.0	0.0	0.0	0.0	8.3
10	14.6	27.5	21.3	68.0	0.0	0.0	0.0	8.0
11	11.8	28.0	19.8	66.7	0.0	0.0	0.0	8.0
12	14.4	28.1	20.4	69.0	0.0	0.0	0.0	7.7
13	13.0	28.0	20.2	66.3	0.0	16.5	16.5	8.5
14	15.0	27.5	20.0	68.3	0.0	0.0	0.0	7.1
15	12.0	27.8	20.2	69.7	0.0	0.0	0.0	9.9
16	11.9	29.0	19.2	72.3	.2	.6	.8	8.9
17	11.4	28.0	20.2	71.3	0.0	.6	.6	8.8
18	13.0	29.6	20.8	66.0	0.0	12.5	12.5	9.3
19	14.0	28.5	19.8	71.3	0.0	0.0	0.0	8.1
20	11.0	28.2	20.0	65.3	0.0	0.0	0.0	9.3
21	11.4	28.6	20.9	62.7	0.0	.4	.4	9.7
22	10.2	30.0	19.2	73.7	8.0	0.0	8.0	7.0
23	12.0	27.6	19.0	76.7	4.6	.2	4.8	5.7
24	11.4	28.4	20.1	68.0	0.0	0.0	0.0	8.0
25	9.8	29.2	20.0	67.7	0.0	.7	.7	8.1
26	12.0	28.1	19.4	75.7	.7	0.0	.7	6.7
27	13.2	27.0	19.8	70.3	0.0	1.1	1.1	6.1
28	13.0	28.4	19.4	66.3	0.0	0.0	0.0	7.1
29								
30								
31								
Total :					15.1	57.2	72.3	196.7
Promedio :	12.8	27.7	19.8	70.1				

Estación : BERTHA
Año : 2002

Dpto. : BOYACA
Mpio. : MONIQUIRA

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

Marzo	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.0	29.4	20.8	66.0	0.0	0.0	0.0	8.4
2	11.5	29.8	21.6	61.7	0.0	0.0	0.0	8.0
3	10.0	28.8	20.4	64.3	0.0	.5	.5	9.6
4	11.8	28.0	20.1	64.3	0.0	7.7	7.7	9.4
5	14.4	26.4	20.1	65.3	0.0	0.0	0.0	7.1
6	11.6	27.4	19.7	68.0	0.0	.5	.5	8.2
7	13.9	28.6	20.9	65.0	0.0	0.0	0.0	7.5
8	12.8	28.8	20.4	69.0	0.0	0.0	0.0	9.3
9	12.4	30.0	20.1	73.3	.9	0.0	.9	8.7
10	9.5	29.0	19.8	64.3	0.0	.5	.5	9.3
11	10.4	28.5	19.3	68.3	1.2	2.9	4.1	5.3
12	15.4	23.6	18.1	81.3	13.4	1.2	14.6	0.0
13	14.0	29.4	21.0	68.7	0.0	22.8	22.8	6.3
14	14.4	28.4	20.0	78.7	1.7	1.6	3.3	5.0
15	15.0	27.0	18.8	79.3	6.0	32.2	38.2	2.0
16	14.4	27.2	19.4	74.0	1.0	4.5	5.5	2.6
17	15.0	27.4	19.1	78.0	2.0	4.1	6.1	3.0
18	13.8	27.5	20.1	75.3	.4	16.7	17.1	3.9
19	14.6	25.2	18.2	88.3	1.6	2.1	3.7	.8
20	14.0	25.4	18.6	80.0	7.5	10.7	18.2	2.4
21	15.2	22.5	18.6	83.3	2.5	34.6	37.1	.3
22	15.0	25.2	18.6	83.0	.3	.7	1.0	.6
23	14.8	26.7	18.0	77.7	5.9	0.0	5.9	4.0
24	12.5	27.2	21.6	74.7	1.7	3.5	5.2	4.9
25	13.4	27.4	20.8	63.7	0.0	0.0	0.0	2.4
26	12.7	29.2	20.6	68.7	0.0	.7	.7	5.9
27	15.2	28.4	19.8	75.0	11.3	2.5	13.8	2.3
28	15.0	26.2	20.0	77.3	9.2	1.9	11.1	8.1
29	14.5	25.6	19.4	75.7	4.8	0.0	4.8	2.4
30	14.0	28.2	20.8	70.0	0.0	0.0	0.0	6.7
31	13.0	30.2	21.4	67.3	.1	9.5	9.6	8.3
Total :					71.5	161.4	232.9	162.7
Promedio :	13.4	27.5	19.9	72.6				

Abril	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.9	27.5	20.2	74.0	0.0	6.0	6.0	2.6
2	15.4	22.4	18.6	84.7	1.5	0.0	1.5	0.0
3	14.4	27.4	19.4	79.7	13.0	20.8	33.8	3.1
4	15.0	28.7	21.0	72.0	0.0	0.0	0.0	4.2
5	14.6	29.2	20.6	74.0	0.0	31.4	31.4	0.0
6	12.8	27.5	19.2	79.3	8.5	6.3	14.8	5.7
7	14.8	24.6	18.6	79.7	0.0	0.0	0.0	1.5
8	14.0	25.8	19.0	72.7	0.0	1.8	1.8	4.3
9	15.6	24.0	18.7	79.0	.4	.4	.8	0.0
10	16.0	24.5	19.2	72.7	0.0	0.0	0.0	2.7
11	11.2	26.4	19.4	62.3	0.0	0.0	0.0	8.0
12	11.0	25.0	18.2	77.0	0.0	7.6	7.6	2.5
13	14.4	23.4	18.7	77.7	0.0	0.0	0.0	.4
14	13.6	26.4	19.4	73.3	0.0	2.5	2.5	3.5
15	15.4	27.0	19.2	77.7	0.0	3.3	3.3	4.5
16	14.5	29.4	20.8	71.7	.9	18.6	19.5	6.1
17	14.8	27.4	19.6	80.0	4.4	4.1	8.5	5.5
18	15.0	26.4	19.1	79.7	0.0	0.0	0.0	4.6
19	14.9	26.8	20.4	76.7	0.0	1.7	1.7	5.1
20	15.6	25.4	19.8	81.0	1.0	1.8	2.8	4.4
21	16.0	25.0	20.4	76.3	.2	4.5	4.7	1.8
22	15.5	26.4	20.2	79.7	.4	16.5	16.9	4.5
23	13.8	28.4	19.7	71.7	.1	27.6	27.7	8.3
24	15.8	26.7	20.2	75.7	0.0	9.2	9.2	4.4
25	15.6	21.6	17.4	93.7	29.9	.9	30.8	0.0
26	16.0	25.0	19.6	77.3	.2	.1	.3	3.5
27	14.0	25.8	18.6	80.7	17.3	.2	17.5	4.8
28	14.5	25.2	18.8	76.7	.2	0.0	.2	8.5
29	13.0	28.5	19.7	72.7	0.0	1.8	1.8	4.2
30	16.1	26.0	19.4	76.0	0.0	0.0	0.0	4.0
31								
Total :					78.0	167.1	245.1	112.7
Promedio :	14.6	26.1	19.4	76.8				

Estación : BERTHA
Año : 2002

Dpto. : BOYACA
Mpio. : MONIQUIRA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.4	27.2	18.5	88.7	30.3	0.0	30.3	4.8
2	14.0	27.0	19.1	78.7	11.6	0.0	11.6	4.7
3	11.4	26.5	19.7	74.7	0.0	15.8	15.8	3.0
4	12.2	27.5	20.6	70.7	.3	0.0	.3	5.0
5	11.5	30.4	21.5	63.7	0.0	0.0	0.0	9.0
6	11.6	30.2	20.0	69.7	0.0	.5	.5	8.5
7	13.5	28.8	20.1	73.7	1.7	0.0	1.7	5.2
8	13.8	28.2	20.2	67.7	0.0	0.0	0.0	4.3
9	10.2	29.0	20.0	73.3	0.0	0.0	0.0	5.7
10	12.8	29.4	19.0	72.7	1.3	0.0	1.3	4.5
11	13.4	27.4	20.8	56.0	0.0	0.0	0.0	4.5
12	13.0	29.0	20.5	63.7	0.0	1.3	1.3	7.1
13	14.8	28.0	21.6	64.0	0.0	.1	.1	4.5
14	12.4	29.4	19.2	74.7	.2	0.0	.2	5.5
15	14.2	28.4	22.0	78.3	0.0	0.0	0.0	5.0
16	14.9	27.2	20.5	75.0	0.0	0.0	0.0	3.9
17	15.8	26.0	19.4	82.0	15.7	.2	15.9	.1
18	15.6	27.8	19.2	78.7	32.8	2.3	35.1	3.0
19	14.4	27.8	21.7	66.0	0.0	6.5	6.5	7.4
20	14.8	28.0	19.4	77.3	2.1	5.0	7.1	6.4
21	15.0	25.6	18.8	78.3	3.3	0.0	3.3	1.0
22	12.7	24.5	18.2	82.3	18.4	.9	19.3	2.0
23	15.5	25.4	18.1	86.7	8.1	.7	8.8	1.9
24	14.4	30.0	20.8	72.3	.1	4.5	4.6	6.5
25	15.4	24.8	19.2	81.7	5.5	18.8	24.3	3.1
26	14.6	25.4	19.3	78.3	1.9	15.7	17.6	1.7
27	15.2	26.2	20.0	73.0	0.0	2.5	2.5	5.3
28	15.0	25.5	19.2	79.0	1.1	6.1	7.2	3.1
29	15.2	25.4	18.5	79.3	9.8	1.3	11.1	4.9
30	15.0	22.8	17.8	81.3	3.6	0.0	3.6	1.0
31	15.2	26.4	18.7	75.7	2.5	0.0	2.5	2.0
Total :					150.3	82.2	232.5	134.6
Promedio :	13.9	27.3	19.7	74.7				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	27.4	19.3	74.7	3.7	0.0	3.7	4.3
2	14.0	25.5	18.1	76.7	4.4	.1	4.5	3.8
3	12.2	26.0	16.9	78.0	5.0	0.0	5.0	5.3
4	10.6	25.8	18.0	77.3	31.6	2.4	34.0	5.6
5	15.2	21.5	17.5	86.7	7.1	2.0	9.1	.2
6	14.8	22.2	18.1	87.3	4.5	11.2	15.7	.2
7	13.4	26.0	19.0	80.7	4.1	3.1	7.2	3.0
8	12.5	27.0	17.1	78.0	9.0	.2	9.2	7.8
9	14.2	23.2	16.7	93.3	9.5	12.1	21.6	2.0
10	12.0	28.0	19.7	70.0	.2	1.5	1.7	8.0
11	14.4	27.2	20.4	68.7	0.0	0.0	0.0	5.4
12	11.9	27.0	19.2	77.0	1.2	38.4	39.6	5.5
13	13.8	26.2	19.2	76.0	0.0	0.0	0.0	6.4
14	13.2	26.5	18.8	78.0	0.0	0.0	0.0	0.0
15	12.0	25.8	18.7	78.0	9.5	31.3	40.8	4.5
16	12.8	28.6	19.1	73.0	1.3	0.0	1.3	7.7
17	13.2	27.8	20.3	74.0	9.9	.9	10.8	4.2
18	13.0	25.8	18.8	79.0	2.8	0.0	2.8	3.8
19	11.9	27.2	20.1	68.0	0.0	0.0	0.0	5.1
20	12.2	26.0	20.1	69.3	0.0	0.0	0.0	3.7
21	12.4	24.5	18.8	81.3	.4	0.0	.4	2.5
22	15.3	26.2	20.4	59.3	0.0	0.0	0.0	3.1
23	13.8	27.4	20.1	71.0	0.0	0.0	0.0	2.4
24	12.4	27.0	19.8	76.0	.6	0.0	.6	4.0
25	14.2	27.4	19.1	73.7	0.0	0.0	0.0	3.0
26	14.0	26.0	19.8	61.0	0.0	0.0	0.0	3.7
27	11.6	27.0	19.2	75.0	10.5	.5	11.0	4.4
28	11.5	26.2	19.1	78.0	0.0	.9	.9	4.9
29	14.5	26.5	18.5	76.3	.8	0.0	.8	4.2
30	11.0	28.5	20.4	57.3	0.0	0.0	0.0	10.1
31								
Total :					116.1	104.6	220.7	128.8
Promedio :	13.1	26.2	19.0	75.1				

Estación : BERTHA
Año : 2002

Dpto. : BOYACA
Mpio. : MONIQUIRA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	27.6	20.8	66.0	0.0	0.0	0.0	9.9
2	13.0	29.4	20.2	57.0	0.0	0.0	0.0	4.7
3	11.0	27.0	19.8	76.0	.6	0.0	.6	5.9
4	13.0	28.2	19.1	73.7	1.0	0.0	1.0	6.4
5	11.5	27.2	18.2	75.3	54.0	3.0	57.0	6.4
6	14.0	23.4	17.8	81.3	3.6	0.0	3.6	1.3
7	12.6	25.2	19.8	74.7	0.0	0.0	0.0	5.0
8	11.5	28.0	20.2	68.7	0.0	0.0	0.0	8.8
9	11.0	28.4	19.0	73.7	.2	.5	.7	9.1
10	13.0	26.4	18.4	75.0	1.6	0.0	1.6	3.8
11	12.5	24.4	18.8	68.3	.4	0.0	.4	.1
12	10.5	26.6	19.6	64.0	0.0	0.0	0.0	9.2
13	10.4	26.4	19.8	55.7	0.0	0.0	0.0	6.2
14	11.4	27.4	20.0	71.3	0.0	0.0	0.0	4.9
15	12.7	28.1	20.0	70.3	0.0	0.0	0.0	3.2
16	11.9	27.7	18.6	78.0	1.0	0.0	1.0	5.3
17	12.4	25.6	18.9	79.7	.7	0.0	.7	4.2
18	13.2	26.0	19.5	70.0	.2	2.6	2.8	.3
19	13.8	25.6	18.8	74.3	0.0	0.0	0.0	4.4
20	12.6	25.7	18.9	74.0	.4	2.6	3.0	4.0
21	13.5	24.0	18.8	75.7	0.0	0.0	0.0	1.0
22	12.0	26.4	18.7	78.0	3.7	0.0	3.7	6.7
23	10.6	27.6	19.8	73.0	0.0	0.0	0.0	8.8
24	15.2	27.0	19.8	70.0	1.4	5.9	7.3	7.0
25	13.5	24.6	18.3	66.7	0.0	0.0	0.0	1.8
26	10.0	26.5	18.4	61.3	0.0	.4	.4	8.2
27	10.8	26.7	18.4	74.0	0.0	0.0	0.0	7.3
28	12.6	26.5	20.4	56.0	0.0	0.0	0.0	5.8
29	15.5	29.2	19.6	53.3	0.0	0.0	0.0	10.9
30	9.0	27.0	18.2	72.7	3.4	0.0	3.4	4.6
31	13.0	27.2	17.4	61.3	2.3	0.0	2.3	3.7
Total :					74.5	15.0	89.5	168.9
Promedio :	12.3	26.7	19.2	70.0				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.6	28.2	20.4	54.3	0.0	0.0	0.0	4.2
2	11.0	28.2	20.2	57.7	0.0	0.0	0.0	8.0
3	9.8	28.0	19.3	57.7	0.0	0.0	0.0	3.5
4	11.0	27.2	18.5	69.7	1.2	.4	1.6	4.4
5	13.5	28.0	20.0	71.0	0.0	0.0	0.0	6.1
6	10.8	28.5	20.5	64.3	0.0	0.0	0.0	6.3
7	12.0	28.2	21.6	52.0	0.0	0.0	0.0	3.6
8	13.4	26.8	20.7	66.0	0.0	15.7	15.7	3.4
9	13.5	26.2	19.0	69.7	.5	0.0	.5	6.6
10	11.6	26.0	19.8	60.0	0.0	0.0	0.0	3.9
11	12.6	26.4	19.9	45.7	0.0	0.0	0.0	6.5
12	11.0	27.0	18.6	65.0	0.0	0.0	0.0	7.1
13	11.7	28.4	19.3	73.0	3.8	0.0	3.8	5.5
14	11.4	26.4	19.0	75.7	2.2	0.0	2.2	4.2
15	14.1	28.0	20.7	60.0	0.0	0.0	0.0	8.1
16	10.8	26.4	20.8	38.3	0.0	0.0	0.0	6.0
17	8.8	28.6	19.8	64.7	0.0	0.0	0.0	8.8
18	11.5	27.2	20.2	54.3	0.0	0.0	0.0	4.3
19	12.5	27.6	18.3	73.0	1.8	23.3	25.1	3.9
20	13.4	24.0	17.7	81.3	6.9	0.0	6.9	2.2
21	10.8	28.4	19.8	54.7	0.0	0.0	0.0	9.0
22	11.5	27.0	21.9	59.0	2.2	.1	2.3	5.0
23	13.4	25.2	19.4	58.0	0.0	0.0	0.0	4.2
24	10.0	29.0	20.6	65.7	0.0	6.6	6.6	7.4
25	12.8	28.5	18.8	74.3	7.9	0.0	7.9	6.4
26	14.0	26.2	18.3	83.3	5.1	3.1	8.2	3.4
27	13.6	25.6	19.2	76.3	1.2	7.1	8.3	5.5
28	15.2	25.4	20.1	76.7	0.0	11.1	11.1	3.5
29	14.5	26.4	19.6	72.3	.5	0.0	.5	1.7
30	16.0	24.5	19.0	83.7	3.3	.3	3.6	3.1
31	13.0	27.0	19.0	75.3	1.0	25.9	26.9	5.6
Total :					37.6	93.6	131.2	161.4
Promedio :	12.3	27.0	19.7	65.6				

Estación : BERTHA
Año : 2002

Dpto. : BOYACA
Mpio. : MONIQUIRA

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.5	25.5	18.2	78.7	3.3	0.0	3.3	4.7
2	13.4	24.3	18.0	65.0	0.0	0.0	0.0	3.5
3	12.8	26.5	19.2	72.7	.7	0.0	.7	2.7
4	10.2	29.6	20.6	67.0	5.6	4.5	10.1	7.1
5	12.5	29.2	21.0	67.3	0.0	9.5	9.5	3.8
6	13.5	30.2	20.3	71.0	0.0	0.0	0.0	5.2
7	11.4	27.4	19.4	70.0	0.0	0.0	0.0	4.3
8	11.5	29.0	21.0	59.7	0.0	3.2	3.2	4.7
9	11.6	27.4	18.3	75.3	3.6	0.0	3.6	.8
10	11.4	28.0	19.0	66.3	.3	6.9	7.2	.2
11	13.5	25.4	19.4	74.3	0.0	0.0	0.0	0.0
12	11.0	28.0	19.9	71.7	0.0	.6	.6	0.0
13	12.0	27.6	17.9	77.7	6.9	.3	7.2	0.0
14	11.9	26.6	19.8	72.7	0.0	.4	.4	6.2
15	12.8	27.4	19.2	76.0	15.1	4.0	19.1	5.2
16	12.5	28.6	19.8	61.3	0.0	0.0	0.0	4.8
17	11.0	24.4	18.0	72.3	0.0	0.0	0.0	.2
18	13.9	26.4	19.2	75.0	5.7	4.2	9.9	4.5
19	15.0	27.0	19.4	72.7	0.0	0.0	0.0	2.7
20	12.7	26.4	19.3	74.3	0.0	0.0	0.0	4.6
21	10.4	28.6	20.9	56.7	0.0	0.0	0.0	8.9
22	11.8	27.4	18.4	67.7	0.0	2.8	2.8	6.5
23	14.6	27.6	19.2	78.3	.9	.5	1.4	7.4
24	13.8	25.2	19.5	74.7	0.0	3.9	3.9	1.6
25	14.5	25.6	19.2	76.7	3.5	40.8	44.3	1.6
26	14.8	25.0	19.2	77.3	0.0	3.2	3.2	0.0
27	14.7	26.5	20.0	75.3	1.6	20.0	21.6	5.7
28	14.0	24.2	18.8	81.0	1.8	.4	2.2	1.1
29	14.3	28.2	20.2	71.0	0.0	6.0	6.0	3.9
30	12.4	28.4	20.0	72.7	29.0	.2	29.2	6.1
31								
Total :					78.0	111.4	189.4	108.0
Promedio :	12.8	27.1	19.4	71.7				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	28.2	18.6	71.7	4.2	0.0	4.2	7.0
2	11.3	28.5	18.6	70.7	0.0	1.9	1.9	7.6
3	11.2	29.0	18.0	70.7	4.3	0.0	4.3	8.9
4	10.7	28.6	21.2	56.7	0.0	0.0	0.0	10.0
5	10.5	29.0	20.0	65.7	.5	.9	1.4	8.1
6	13.4	27.4	19.7	70.0	1.0	.5	1.5	5.3
7	13.6	28.4	20.1	69.3	0.0	2.0	2.0	6.4
8	12.5	27.2	19.6	69.3	0.0	3.2	3.2	7.8
9	15.6	27.8	19.4	73.3	5.7	0.0	5.7	5.2
10	10.5	28.0	19.8	58.3	0.0	.9	.9	7.4
11	14.5	26.8	20.8	56.0	0.0	0.0	0.0	5.0
12	13.5	27.0	18.9	70.3	0.0	0.0	0.0	4.1
13	12.3	27.8	19.8	67.3	0.0	21.0	21.0	8.5
14	12.5	27.5	19.2	72.3	.1	.4	.5	8.9
15	14.5	28.0	20.1	68.7	0.0	1.1	1.1	5.6
16	11.4	27.2	18.7	79.3	.4	0.0	.4	0.0
17	14.2	26.0	19.0	75.3	0.0	19.0	19.0	2.5
18	13.5	24.0	18.8	77.3	0.0	0.0	0.0	2.5
19	15.2	26.4	19.4	71.7	0.0	0.0	0.0	4.8
20	14.2	26.8	19.6	75.7	14.6	.5	15.1	4.9
21	14.5	27.0	19.6	76.7	11.2	1.6	12.8	5.7
22	14.9	25.0	18.0	89.0	12.4	9.7	22.1	1.4
23	15.8	26.0	18.6	79.3	11.2	1.4	12.6	3.7
24	15.6	27.0	19.4	78.0	12.3	2.4	14.7	7.2
25	14.5	26.4	20.4	73.3	0.0	0.0	0.0	5.8
26	15.6	27.0	20.6	73.7	1.2	5.1	6.3	7.2
27	14.8	22.0	16.6	94.3	8.6	5.0	13.6	2.3
28	14.4	25.4	17.6	83.0	.6	.2	.8	6.3
29	15.4	26.5	19.6	73.0	0.0	10.3	10.3	6.4
30	15.0	24.6	19.4	77.0	0.0	2.1	2.1	5.8
31	15.2	27.0	19.5	75.0	0.0	0.0	0.0	3.8
Total :					88.3	89.2	177.5	176.1
Promedio :	13.7	26.9	19.3	73.0				

Estación : BERTHA
Año : 2002

Dpto. : BOYACA
Mpio. : MONIQUIRA

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.9	27.4	18.5	79.3	4.7	6.3	11.0	7.0
2	13.5	24.0	18.0	83.0	9.2	6.2	15.4	3.0
3	15.0	24.6	18.2	78.0	2.0	1.4	3.4	3.5
4	14.2	26.0	19.5	74.3	0.0	2.6	2.6	5.8
5	15.5	26.5	17.9	78.7	11.5	1.9	13.4	4.4
6	14.4	26.0	19.8	72.3	0.0	5.6	5.6	6.4
7	14.6	23.5	17.6	81.7	10.0	3.4	13.4	1.5
8	14.7	24.0	18.3	80.7	6.1	.2	6.3	6.5
9	14.9	25.6	19.6	75.3	0.0	0.0	0.0	8.3
10	12.0	27.5	20.2	68.3	0.0	0.0	0.0	9.2
11	11.0	28.2	20.7	66.3	0.0	0.0	0.0	7.4
12	11.6	26.0	18.2	77.0	0.0	2.6	2.6	6.7
13	11.0	28.0	19.0	75.0	0.0	10.0	10.0	6.8
14	14.5	26.8	19.0	76.3	0.0	.5	.5	4.9
15	13.2	28.8	19.8	70.3	.2	2.7	2.9	5.4
16	13.6	27.6	19.6	67.3	0.0	0.0	0.0	6.9
17	14.0	23.5	17.3	90.0	1.4	.1	1.5	.3
18	14.2	25.5	17.6	78.7	1.6	0.0	1.6	3.9
19	13.2	26.0	18.4	78.7	10.8	0.0	10.8	5.9
20	10.7	27.8	18.3	72.7	0.0	0.0	0.0	9.0
21	10.5	27.4	19.0	69.7	0.0	0.0	0.0	8.4
22	10.0	27.8	19.1	70.0	0.0	0.0	0.0	8.2
23	13.4	26.0	18.8	78.3	.5	1.9	2.4	3.0
24	14.5	26.4	19.0	69.3	0.0	2.9	2.9	6.3
25	14.8	27.2	20.4	74.0	.1	.9	1.0	9.5
26	12.4	28.5	19.4	73.7	0.0	3.1	3.1	8.0
27	13.0	29.2	20.1	73.7	0.0	0.0	0.0	8.7
28	12.5	26.4	18.8	76.7	4.1	1.6	5.7	4.6
29	12.0	26.4	19.2	78.7	0.0	0.0	0.0	5.4
30	11.8	28.0	19.8	77.0	4.6	20.1	24.7	6.4
31								
Total :					66.8	74.0	140.8	181.3
Promedio :	13.1	26.6	19.0	75.5				

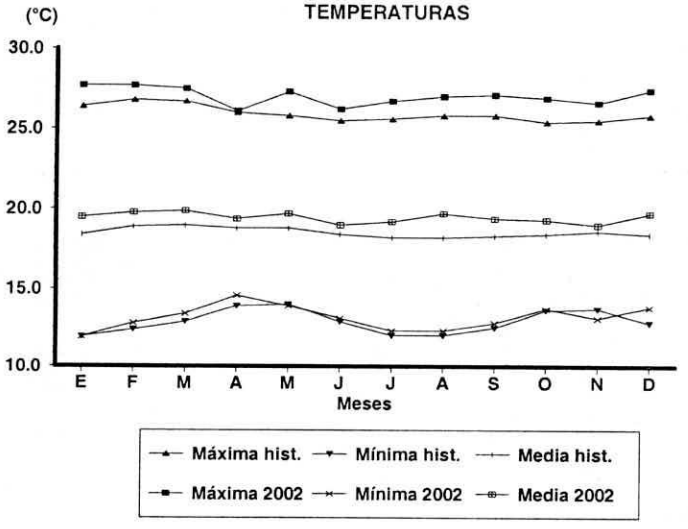
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.5	28.0	20.6	70.0	.1	.4	.5	9.2
2	12.0	29.8	20.0	72.3	.4	0.0	.4	6.3
3	11.6	28.2	20.2	68.7	0.0	0.0	0.0	7.9
4	11.2	28.9	19.5	71.0	0.0	0.0	0.0	8.0
5	14.8	27.2	19.5	73.7	0.0	2.1	2.1	6.7
6	15.8	27.4	20.4	74.7	0.0	0.0	0.0	7.7
7	16.0	27.0	19.8	74.7	0.0	0.0	0.0	5.7
8	12.5	28.0	20.0	70.7	0.0	0.0	0.0	9.5
9	13.8	27.7	19.6	72.7	0.0	0.0	0.0	7.5
10	13.0	28.0	19.9	74.0	0.0	0.0	0.0	8.9
11	15.7	28.1	20.6	69.3	0.0	0.0	0.0	7.3
12	11.4	28.2	19.6	63.0	0.0	0.0	0.0	10.2
13	14.5	27.0	20.7	70.7	0.0	0.0	0.0	7.0
14	17.5	26.6	20.2	79.3	7.6	5.1	12.7	1.0
15	15.4	23.4	17.7	91.7	12.2	.1	12.3	.6
16	13.6	27.0	19.5	76.0	0.0	39.9	39.9	4.7
17	15.8	23.0	18.4	84.0	9.8	27.9	37.7	.1
18	15.5	24.2	18.8	81.7	1.5	.3	1.8	.4
19	15.2	27.4	20.3	76.3	0.0	1.5	1.5	5.7
20	16.6	27.6	20.6	75.3	0.0	0.0	0.0	6.2
21	15.6	27.0	20.4	77.3	.8	0.0	.8	6.9
22	10.5	27.2	19.8	68.3	0.0	.5	.5	8.9
23	14.4	28.4	20.6	74.7	5.6	.1	5.7	8.0
24	11.2	27.5	18.9	67.7	0.0	0.0	0.0	5.5
25	11.5	28.0	18.3	74.3	.3	0.0	.3	7.0
26	11.0	28.5	18.8	72.0	0.0	0.0	0.0	8.5
27	13.0	28.6	20.7	65.3	0.0	0.0	0.0	9.5
28	12.4	28.1	19.2	73.7	0.0	0.0	0.0	8.5
29	15.0	26.6	20.0	74.0	0.0	0.0	0.0	5.5
30	15.2	27.2	19.6	72.3	0.0	0.0	0.0	8.0
31	11.6	29.0	18.9	68.0	0.0	0.0	0.0	9.9
Total :					38.3	77.9	116.2	206.8
Promedio :	13.8	27.4	19.7	73.5				

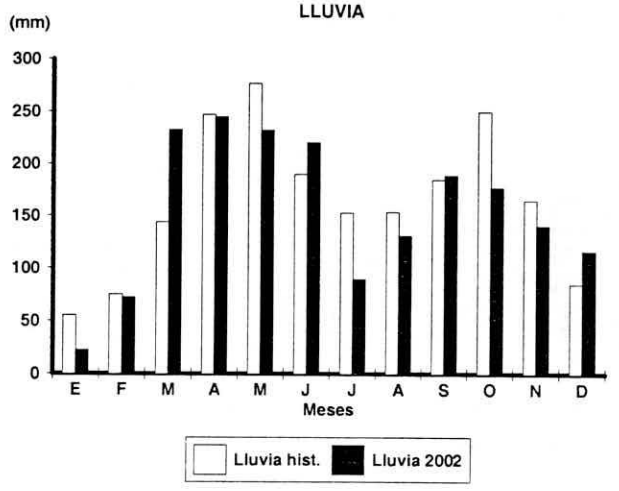
Estación : BERTHA
Año : 2002

Dpto. : BOYACA
Mpio. : MONIQUIRA

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	11.9	27.7	19.5	29.6	9.0	69.5	22.0	11	216.6
Febrero	12.8	27.7	19.8	30.0	9.8	70.1	72.3	15	196.7
Marzo	13.4	27.5	19.9	30.2	9.5	72.6	232.9	24	162.7
Abril	14.6	26.1	19.4	29.4	11.0	76.8	245.1	23	112.7
Mayo	13.9	27.3	19.7	30.4	10.2	74.7	232.5	25	134.6
Junio	13.1	26.2	19.0	28.6	10.6	75.1	220.7	20	128.8
Julio	12.3	26.7	19.2	29.4	9.0	70.0	89.5	16	168.9
Agosto	12.3	27.0	19.7	29.0	8.8	65.6	131.2	16	161.4
Septiembre	12.8	27.1	19.4	30.2	10.2	71.7	189.4	21	108.0
Octubre	13.7	26.9	19.3	29.0	10.5	73.0	177.5	24	176.1
Noviembre	13.1	26.6	19.0	29.2	10.0	75.5	140.8	21	181.3
Diciembre	13.8	27.4	19.7	29.8	10.5	73.5	116.2	13	206.8
Promedio :	13.1	27.0	19.5			72.3			
Absoluta :				30.4	8.8				
Total :							1870.1	229	1954.6





Estación : RAFAEL ESCOBAR
Año : 2002

Dpto. : CALDAS
Mpio. : SUPIA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.5	23.1	60.0	0.0	0.0	0.0	9.3
2	17.5	28.7	22.2	66.0	0.0	0.0	0.0	7.8
3	18.3	28.1	22.3	66.3	0.0	0.0	0.0	5.9
4	17.4	29.2	22.6	59.3	0.0	0.0	0.0	9.4
5	14.9	29.0	22.2	54.0	0.0	0.0	0.0	9.4
6	17.5	29.3	23.1	65.3	0.0	0.0	0.0	8.5
7	17.4	27.5	20.3	79.7	11.3	23.6	34.9	4.8
8	16.4	27.0	21.2	70.3	0.0	.7	.7	7.5
9	17.6	27.4	21.9	68.0	0.0	0.0	0.0	6.9
10	17.2	28.4	22.3	67.7	0.0	0.0	0.0	8.9
11	16.8	29.3	22.0	56.0	0.0	0.0	0.0	8.3
12	16.3	28.7	21.8	61.7	0.0	.4	.4	8.8
13	17.4	27.8	22.2	67.0	0.0	13.8	13.8	4.1
14	16.9	27.2	20.3	78.0	0.0	0.0	0.0	2.8
15	16.3	28.6	22.2	65.7	0.0	0.0	0.0	7.9
16	16.6	29.4	22.7	63.3	0.0	1.2	1.2	8.3
17	17.2	29.5	22.4	64.7	0.0	0.0	0.0	9.6
18	17.7	28.8	22.4	63.0	0.0	0.0	0.0	9.1
19	15.5	29.3	22.6	62.0	0.0	0.0	0.0	10.1
20	17.6	29.0	22.9	59.7	0.0	0.0	0.0	6.0
21	16.9	29.6	22.0	71.0	1.6	0.0	1.6	8.0
22	16.4	29.7	21.6	75.0	2.3	0.0	2.3	6.2
23	15.2	31.3	23.1	61.0	0.0	0.0	0.0	10.0
24	16.6	29.0	22.6	61.7	0.0	0.0	0.0	6.2
25	16.6	30.1	23.2	65.0	0.0	0.0	0.0	4.9
26	18.0	30.2	24.4	59.0	0.0	0.0	0.0	8.6
27	17.5	32.2	24.3	51.7	0.0	0.0	0.0	8.8
28	16.7	32.0	24.1	53.3	0.0	0.0	0.0	8.6
29	15.8	32.4	24.2	52.0	0.0	0.0	0.0	9.5
30	17.8	27.2	21.4	72.7	.5	0.0	.5	2.1
31	16.0	26.8	21.5	71.7	.1	0.0	.1	1.1
Total :					15.8	39.7	55.5	227.4
Promedio :	16.9	29.1	22.4	64.3				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	31.2	23.5	62.3	0.0	0.0	0.0	6.4
2	17.5	30.4	24.6	56.7	0.0	0.0	0.0	5.7
3	19.0	25.2	21.4	83.3	1.7	2.3	4.0	0.0
4	18.4	23.5	20.4	77.7	0.0	.1	.1	0.0
5	16.5	30.9	22.7	53.3	0.0	0.0	0.0	8.9
6	18.0	30.7	23.2	47.3	0.0	0.0	0.0	7.3
7	16.0	28.8	22.2	47.0	0.0	16.2	16.2	4.7
8	16.8	26.2	20.8	66.3	.5	1.2	1.7	1.3
9	17.0	27.7	21.5	62.3	0.0	.6	.6	4.2
10	17.3	30.1	22.6	61.0	.2	0.0	.2	8.5
11	17.6	30.7	22.6	59.7	0.0	6.1	6.1	6.7
12	17.3	30.6	23.1	61.7	0.0	0.0	0.0	7.5
13	18.0	30.5	24.0	51.3	0.0	0.0	0.0	8.9
14	17.8	31.5	22.6	62.3	0.0	0.0	0.0	7.6
15	18.0	31.2	24.2	53.3	0.0	0.0	0.0	8.9
16	19.2	31.5	24.5	52.7	0.0	0.0	0.0	7.5
17	18.8	32.6	23.4	63.3	1.1	0.0	1.1	10.2
18	18.4	32.4	24.9	54.7	0.0	16.0	16.0	10.1
19	18.8	29.4	22.7	62.0	.2	0.0	.2	7.2
20	17.5	32.4	24.1	51.0	0.0	0.0	0.0	9.3
21	18.6	30.7	24.2	51.7	0.0	0.0	0.0	7.7
22	18.7	29.0	22.9	63.3	.1	28.9	29.0	4.9
23	15.9	28.4	22.5	60.7	0.0	0.0	0.0	6.1
24	16.5	31.8	25.6	42.7	0.0	0.0	0.0	9.8
25	17.4	31.7	24.6	44.0	0.0	3.1	3.1	10.1
26	19.3	31.2	23.2	62.7	0.0	2.4	2.4	7.7
27	18.4	27.4	22.7	67.3	0.0	.1	.1	1.4
28	18.0	30.5	24.0	55.7	0.0	0.0	0.0	8.2
29								
30								
31								
Total :					3.8	77.0	80.8	186.8
Promedio :	17.8	29.9	23.2	58.5				

Estación : RAFAEL ESCOBAR
Año : 2002

Dpto. : CALDAS
Mpio. : SUPIA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.1	32.2	25.6	45.0	0.0	0.0	0.0	9.6
2	17.0	32.4	24.1	49.0	0.0	.2	.2	9.2
3	18.8	32.0	23.4	54.0	0.0	31.8	31.8	8.8
4	17.2	30.6	23.8	54.3	0.0	.2	.2	8.9
5	16.6	30.7	22.9	54.3	0.0	.4	.4	7.7
6	17.8	31.3	23.2	52.3	0.0	0.0	0.0	8.3
7	17.3	30.8	24.2	51.3	0.0	8.9	8.9	6.2
8	17.1	31.6	24.4	50.7	0.0	0.0	0.0	9.6
9	18.6	31.8	24.4	48.7	0.0	0.0	0.0	6.8
10	18.1	31.6	24.8	51.3	0.0	0.0	0.0	8.0
11	16.5	30.8	20.5	69.0	46.0	1.1	47.1	8.9
12	17.0	28.0	20.8	75.7	1.2	0.0	1.2	2.7
13	17.6	31.3	23.6	55.0	0.0	1.2	1.2	7.5
14	18.0	28.6	21.8	63.3	0.0	30.6	30.6	2.8
15	17.7	27.8	21.2	73.7	.6	0.0	.6	3.5
16	17.9	30.1	23.8	58.0	0.0	30.5	30.5	7.6
17	17.3	26.4	21.4	72.7	0.0	0.0	0.0	3.3
18	17.6	31.4	22.8	59.0	0.0	4.2	4.2	4.7
19	17.4	23.5	19.7	83.3	0.0	.5	.5	.3
20	17.9	28.0	22.4	60.7	0.0	43.9	43.9	3.9
21	16.6	21.8	18.6	95.0	20.6	0.0	20.6	0.0
22	16.8	28.7	22.5	61.7	0.0	0.0	0.0	4.7
23	17.2	26.6	21.8	66.3	0.0	0.0	0.0	1.0
24	16.8	30.0	23.1	58.7	0.0	4.4	4.4	5.5
25	17.1	29.0	23.6	56.3	0.0	0.0	0.0	7.8
26	17.9	31.5	24.4	52.3	0.0	0.0	0.0	7.0
27	18.3	30.2	21.8	71.3	.1	0.0	.1	4.9
28	16.9	28.7	19.8	80.3	2.4	.5	2.9	5.4
29	17.1	25.7	20.2	70.7	0.0	0.0	0.0	2.5
30	16.0	31.5	24.2	52.7	0.0	0.0	0.0	8.9
31	17.3	32.8	24.9	42.3	0.0	0.0	0.0	10.2
Total :					70.9	158.4	229.3	186.2
Promedio :	17.4	29.6	22.7	60.9				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.2	29.6	24.1	59.7	0.0	29.2	29.2	3.2
2	18.0	24.8	20.9	72.7	0.0	0.0	0.0	0.0
3	17.5	30.9	22.4	63.7	.3	1.4	1.7	5.2
4	17.9	29.3	23.1	66.3	0.0	0.0	0.0	4.6
5	18.6	28.3	22.2	70.0	8.6	0.0	8.6	3.0
6	17.6	28.2	22.4	61.0	0.0	0.0	0.0	5.8
7	16.8	23.3	19.9	76.3	0.0	.7	.7	0.0
8	17.6	27.0	20.7	79.0	11.5	32.4	43.9	3.0
9	16.0	24.5	19.4	80.7	.3	1.1	1.4	.4
10	16.1	25.4	20.8	66.7	0.0	0.0	0.0	1.4
11	16.8	26.5	21.1	67.3	.2	.8	1.0	1.9
12	16.9	27.7	22.2	53.3	0.0	0.0	0.0	5.0
13	17.0	27.1	21.4	63.3	0.0	6.7	6.7	4.5
14	16.0	27.6	22.2	59.7	0.0	0.0	0.0	7.0
15	17.7	30.3	22.2	67.0	.5	1.9	2.4	6.9
16	17.2	29.4	22.9	63.7	0.0	.8	.8	8.2
17	18.9	28.3	22.4	67.7	0.0	0.0	0.0	3.9
18	17.7	24.6	20.3	80.7	2.9	.3	3.2	0.0
19	16.2	27.7	21.5	68.0	0.0	7.6	7.6	5.2
20	17.7	27.8	22.5	67.3	0.0	20.8	20.8	4.8
21	17.6	27.0	21.7	72.7	0.0	0.0	0.0	2.0
22	16.8	29.4	23.0	58.7	0.0	0.0	0.0	7.1
23	18.5	28.4	21.6	72.0	21.8	4.0	25.8	5.7
24	17.6	27.0	21.4	75.7	1.0	33.0	34.0	3.2
25	16.8	22.5	19.2	84.7	1.9	7.3	9.2	0.0
26	16.4	26.2	20.9	73.7	.3	6.1	6.4	2.8
27	17.5	26.9	20.3	77.0	7.6	0.0	7.6	3.9
28	15.8	26.8	21.3	66.3	0.0	1.5	1.5	4.7
29	17.6	28.6	22.7	65.7	0.0	11.3	11.3	7.1
30	17.8	25.0	20.5	78.3	.6	0.0	.6	.3
31								
Total :					57.5	166.9	224.4	110.8
Promedio :	17.3	27.2	21.6	69.3				

Estación : RAFAEL ESCOBAR
Año : 2002

Dpto. : CALDAS
Mpio. : SUPIA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	28.9	22.1	74.3	.5	0.0	.5	7.1
2	17.2	29.2	22.9	65.7	0.0	0.0	0.0	7.4
3	18.8	29.6	22.7	69.3	0.0	33.4	33.4	6.0
4	15.7	29.8	22.8	64.7	0.0	0.0	0.0	9.7
5	17.0	29.5	24.0	55.0	0.0	0.0	0.0	8.5
6	16.9	30.9	23.8	56.7	0.0	0.0	0.0	8.3
7	18.8	30.0	23.8	57.3	0.0	4.2	4.2	7.6
8	17.3	28.7	22.6	64.0	0.0	0.0	0.0	2.8
9	16.8	30.6	23.2	56.7	0.0	0.0	0.0	7.0
10	17.9	30.4	23.8	62.0	0.0	1.4	1.4	6.7
11	18.1	27.5	22.2	72.7	0.0	0.0	0.0	.8
12	16.6	30.5	23.4	57.3	0.0	0.0	0.0	7.9
13	18.5	30.7	22.4	60.0	0.0	0.0	0.0	1.7
14	17.9	30.1	23.4	58.3	0.0	0.0	0.0	6.8
15	18.3	28.8	23.6	61.0	0.0	4.8	4.8	3.2
16	18.2	29.5	23.6	63.7	0.0	0.0	0.0	5.8
17	18.8	28.5	21.9	73.7	2.0	7.2	9.2	3.5
18	17.6	27.5	22.5	67.7	.4	18.0	18.4	5.1
19	16.6	27.2	21.3	68.0	0.0	0.0	0.0	2.2
20	17.8	28.6	23.0	68.3	3.5	40.2	43.7	5.9
21	16.8	25.4	21.0	70.7	0.0	0.0	0.0	3.1
22	17.8	27.9	21.2	75.3	11.7	0.0	11.7	2.5
23	16.8	26.0	21.2	76.0	0.0	15.9	15.9	2.3
24	15.4	27.6	21.5	67.3	0.0	5.0	5.0	5.4
25	15.3	22.5	18.7	90.7	13.2	.2	13.4	.2
26	14.4	24.2	19.5	66.3	0.0	0.0	0.0	3.1
27	16.9	26.6	20.5	69.7	1.7	29.0	30.7	5.4
28	13.3	23.0	18.5	68.3	1.8	.2	2.0	2.5
29	16.8	26.7	21.3	52.7	.1	0.0	.1	6.7
30	16.6	25.9	21.2	60.7	0.0	0.0	0.0	3.2
31	16.9	22.6	19.3	84.7	0.0	0.0	0.0	.4
Total :					34.9	159.5	194.4	148.8
Promedio :	17.0	27.9	22.0	66.4				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	28.2	21.5	73.7	1.3	58.6	59.9	6.5
2	16.6	25.5	20.4	75.0	0.0	0.0	0.0	3.6
3	16.8	26.2	20.4	78.0	3.2	0.0	3.2	5.0
4	17.5	23.4	20.0	79.3	.7	.5	1.2	.1
5	16.2	26.4	20.2	76.0	5.6	24.9	30.5	3.2
6	16.0	25.0	19.9	74.0	.5	12.6	13.1	3.3
7	16.6	26.0	20.6	75.3	.6	0.0	.6	4.2
8	15.9	28.0	21.6	67.3	0.0	13.9	13.9	7.6
9	17.4	25.5	20.7	66.0	.5	0.0	.5	2.6
10	16.7	26.8	21.1	68.3	0.0	2.8	2.8	7.1
11	17.6	27.2	22.4	70.0	0.0	0.0	0.0	6.3
12	18.0	27.3	22.2	65.7	0.0	2.3	2.3	5.3
13	16.8	25.0	20.8	68.7	0.0	0.0	0.0	3.0
14	17.3	27.8	22.5	60.7	0.0	0.0	0.0	8.5
15	17.6	28.0	21.7	61.0	.5	0.0	.5	6.0
16	17.5	29.0	21.5	63.7	.2	4.9	5.1	7.3
17	17.6	27.0	22.6	66.0	0.0	1.1	1.1	6.7
18	18.3	27.8	22.3	64.7	0.0	0.0	0.0	8.7
19	16.4	29.2	22.9	57.7	0.0	0.0	0.0	10.3
20	17.4	27.8	22.5	51.0	0.0	0.0	0.0	8.4
21	17.8	28.9	22.7	61.7	.5	0.0	.5	7.3
22	18.0	29.1	22.8	59.0	0.0	0.0	0.0	8.3
23	17.2	28.6	23.0	51.0	0.0	0.0	0.0	6.6
24	17.8	29.0	23.2	55.3	0.0	0.0	0.0	9.5
25	18.2	28.7	22.9	64.7	0.0	0.0	0.0	5.9
26	16.6	29.8	23.1	57.0	0.0	0.0	0.0	8.1
27	18.0	28.5	23.4	57.0	0.0	0.0	0.0	5.4
28	17.7	28.0	23.4	59.7	0.0	0.0	0.0	5.1
29	19.3	29.3	23.1	68.3	.4	0.0	.4	4.9
30	17.6	31.8	24.8	48.0	0.0	0.0	0.0	9.8
31								
Total :					14.0	121.6	135.6	184.6
Promedio :	17.3	27.6	22.0	64.8				

Estación : RAFAEL ESCOBAR Dpto. : CALDAS Latitud : 5 ° 28 ' N
Año : 2002 Mpio. : SUPIA Longitud : 75 ° 39 ' W
Altitud : 1320 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	29.8	23.6	47.0	0.0	0.0	0.0	8.1
2	18.7	29.3	23.5	50.3	0.0	0.0	0.0	6.3
3	17.4	32.2	24.7	50.7	0.0	0.0	0.0	8.6
4	19.5	29.5	23.8	64.0	0.0	0.0	0.0	4.3
5	17.3	27.2	21.1	75.3	2.2	18.9	21.1	5.5
6	16.6	26.0	20.4	69.0	0.0	0.0	0.0	1.3
7	16.3	27.9	22.6	58.3	0.0	0.0	0.0	8.2
8	17.4	29.5	23.5	57.3	0.0	0.0	0.0	9.0
9	17.9	29.6	23.4	57.7	0.0	0.0	0.0	9.3
10	18.2	27.9	23.0	68.3	0.0	0.0	0.0	1.1
11	18.0	28.9	21.2	74.7	9.6	0.0	9.6	5.1
12	16.6	29.6	22.8	59.3	0.0	0.0	0.0	10.3
13	16.0	32.0	25.4	36.3	0.0	0.0	0.0	10.5
14	17.7	30.5	23.5	46.3	0.0	0.0	0.0	8.8
15	17.8	29.2	23.4	58.3	0.0	0.0	0.0	5.9
16	17.6	28.0	23.4	61.7	0.0	0.0	0.0	6.9
17	19.2	29.0	23.6	58.7	0.0	0.0	0.0	5.1
18	18.2	26.4	21.9	66.3	0.0	0.0	0.0	2.7
19	16.8	29.3	22.3	58.7	0.0	0.0	0.0	5.9
20	17.5	26.8	21.9	65.7	0.0	30.8	30.8	2.4
21	15.9	26.5	21.1	66.3	0.0	0.0	0.0	4.9
22	16.7	27.9	22.3	60.0	0.0	0.0	0.0	5.8
23	17.6	29.9	22.3	66.0	.5	2.3	2.8	6.6
24	17.2	28.6	22.3	59.3	0.0	7.0	7.0	8.9
25	15.5	26.7	21.2	65.7	0.0	0.0	0.0	5.7
26	16.5	29.8	22.9	52.3	0.0	0.0	0.0	9.1
27	16.3	29.6	22.7	49.3	0.0	0.0	0.0	8.9
28	16.9	28.5	22.8	55.3	0.0	0.0	0.0	6.9
29	16.9	30.6	24.2	41.7	0.0	0.0	0.0	10.5
30	15.9	31.2	23.6	29.7	0.0	.1	.1	8.0
31	17.0	26.6	20.9	63.3	0.0	0.0	0.0	3.0
Total :					12.3	59.1	71.4	203.6
Promedio :	17.3	28.9	22.8	57.8				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.4	29.4	22.9	50.7	0.0	0.0	0.0	8.0
2	17.3	30.7	23.5	47.0	0.0	0.0	0.0	8.8
3	17.0	27.0	21.4	60.0	0.0	0.0	0.0	4.6
4	15.9	29.5	22.6	55.0	0.0	.5	.5	8.3
5	17.5	30.4	23.6	52.7	0.0	0.0	0.0	8.9
6	16.7	30.0	23.1	48.0	0.0	0.0	0.0	7.5
7	16.8	29.8	23.5	54.0	0.0	0.0	0.0	4.9
8	17.8	30.1	23.7	49.3	0.0	3.4	3.4	8.3
9	18.0	28.6	22.5	58.7	0.0	0.0	0.0	5.8
10	16.9	31.3	23.5	51.7	0.0	0.0	0.0	8.7
11	17.4	29.2	22.8	44.3	0.0	0.0	0.0	7.1
12	16.3	32.0	24.1	42.0	0.0	0.0	0.0	10.2
13	17.8	31.0	23.8	46.7	0.0	0.0	0.0	7.4
14	17.5	32.5	25.0	44.7	0.0	0.0	0.0	9.7
15	17.8	32.6	25.8	43.3	0.0	0.0	0.0	8.3
16	18.8	33.2	26.6	30.0	0.0	0.0	0.0	8.1
17	18.2	32.8	25.4	29.7	0.0	0.0	0.0	8.2
18	17.3	30.2	23.7	36.3	0.0	0.0	0.0	8.6
19	17.4	30.2	23.4	49.7	0.0	6.8	6.8	6.9
20	17.6	32.5	23.4	60.0	0.0	0.0	0.0	6.9
21	18.4	33.0	25.8	46.0	0.0	0.0	0.0	10.0
22	18.4	31.8	25.2	46.7	0.0	0.0	0.0	7.5
23	18.6	30.8	23.6	54.3	0.0	0.0	0.0	6.0
24	15.9	33.2	24.1	49.0	0.0	0.0	0.0	9.6
25	19.4	32.4	24.3	51.3	.8	15.5	16.3	7.7
26	18.5	29.0	22.8	59.3	0.0	19.2	19.2	5.0
27	18.2	25.4	21.2	68.0	.4	0.0	.4	.7
28	17.6	30.5	21.3	68.3	4.9	.1	5.0	5.3
29	16.7	22.3	19.2	81.3	40.1	0.0	40.1	0.0
30	15.8	29.6	21.8	63.3	0.0	18.8	18.8	7.8
31	17.5	29.2	22.8	60.7	0.0	0.0	0.0	6.4
Total :					46.2	64.3	110.5	221.2
Promedio :	17.4	30.3	23.4	51.7				

Estación : RAFAEL ESCOBAR
Año : 2002

Dpto. : CALDAS
Mpio. : SUPIA

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	29.2	21.8	68.0	1.0	26.2	27.2	6.9
2	17.5	27.0	21.0	76.3	.3	0.0	.3	5.0
3	17.6	29.2	23.3	61.3	0.0	7.4	7.4	10.0
4	16.8	29.6	22.8	60.7	0.0	0.0	0.0	9.7
5	17.8	28.0	22.7	60.0	0.0	0.0	0.0	5.5
6	17.6	29.9	23.4	53.3	0.0	.6	.6	8.7
7	17.9	31.2	24.0	52.3	0.0	0.0	0.0	9.8
8	17.0	31.3	24.5	43.3	0.0	0.0	0.0	9.9
9	18.0	27.6	23.2	58.3	0.0	0.0	0.0	3.8
10	19.5	28.7	22.8	60.3	0.0	.1	.1	4.3
11	18.0	28.1	22.2	71.7	.3	0.0	.3	3.6
12	17.4	30.0	23.6	52.0	0.0	0.0	0.0	7.9
13	16.8	30.6	24.3	50.7	0.0	0.0	0.0	10.1
14	18.6	29.2	23.3	62.7	1.7	0.0	1.7	4.0
15	17.6	30.4	24.2	53.0	0.0	0.0	0.0	9.0
16	18.8	28.5	23.5	58.7	0.0	.1	.1	5.7
17	17.8	26.8	22.1	65.7	0.0	.8	.8	1.6
18	17.9	23.4	19.8	76.0	0.0	5.9	5.9	.7
19	16.9	28.8	21.4	61.3	0.0	16.0	16.0	5.1
20	16.6	29.9	22.4	63.3	0.0	0.0	0.0	6.4
21	17.9	30.0	23.5	56.0	0.0	0.0	0.0	6.4
22	17.0	30.2	23.8	54.0	0.0	.1	.1	9.1
23	16.6	30.0	23.5	52.7	0.0	0.0	0.0	6.9
24	17.0	29.6	23.6	60.0	0.0	53.4	53.4	7.0
25	16.6	27.1	21.1	66.0	0.0	10.9	10.9	3.3
26	16.5	25.3	19.6	78.3	.4	0.0	.4	2.2
27	17.4	28.9	23.2	57.0	0.0	36.3	36.3	7.7
28	15.9	25.8	20.2	73.7	0.0	0.0	0.0	2.5
29	15.9	28.8	22.7	64.0	0.0	0.0	0.0	9.3
30	17.5	29.0	22.8	57.7	0.0	0.0	0.0	7.5
31								
Total :					3.7	157.8	161.5	189.6
Promedio :	17.4	28.7	22.7	60.9				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	29.5	22.8	64.0	0.0	0.0	0.0	6.8
2	16.7	29.8	23.5	54.3	0.0	0.0	0.0	9.7
3	17.0	30.0	22.8	59.3	0.0	0.0	0.0	7.7
4	16.8	29.5	23.4	57.3	0.0	0.0	0.0	5.5
5	16.9	29.0	23.1	60.7	0.0	.8	.8	7.7
6	17.0	29.2	22.7	59.3	0.0	0.0	0.0	8.0
7	18.9	27.0	21.0	83.0	1.0	0.0	1.0	3.8
8	17.5	29.6	22.0	64.0	0.0	0.0	0.0	6.3
9	17.3	30.0	23.4	58.7	0.0	0.0	0.0	8.3
10	17.8	30.2	23.6	59.3	0.0	9.5	9.5	5.5
11	17.5	26.8	20.7	69.7	.1	0.0	.1	3.2
12	16.9	28.0	22.2	66.7	0.0	9.4	9.4	6.9
13	17.9	30.0	22.8	58.0	0.0	0.0	0.0	7.6
14	17.0	30.6	23.6	55.3	0.0	5.4	5.4	8.7
15	17.9	27.6	22.7	64.3	0.0	0.0	0.0	6.4
16	16.9	29.5	23.0	59.0	0.0	18.2	18.2	7.6
17	16.4	28.0	21.7	69.0	0.0	24.4	24.4	7.2
18	17.5	26.8	20.5	71.7	0.0	0.0	0.0	5.0
19	17.8	29.4	22.5	59.3	0.0	0.0	0.0	6.3
20	16.4	28.2	20.8	74.0	.8	.1	.9	5.6
21	17.5	28.2	21.4	70.7	.4	0.0	.4	6.6
22	17.6	23.0	18.6	94.7	9.1	0.0	9.1	1.5
23	16.6	27.6	21.8	72.3	.1	4.7	4.8	7.8
24	17.5	24.9	20.4	80.0	3.2	5.7	8.9	3.0
25	16.9	28.0	21.6	75.3	.4	1.0	1.4	5.9
26	17.7	25.8	20.9	80.3	.5	28.1	28.6	4.7
27	16.8	25.5	20.6	73.3	0.0	0.0	0.0	1.1
28	18.0	27.6	20.8	75.7	.2	0.0	.2	5.1
29	17.6	26.5	21.0	73.0	1.2	21.7	22.9	3.8
30	16.9	24.0	19.6	85.0	.8	2.2	3.0	1.1
31	16.5	28.2	21.3	74.0	0.0	.3	.3	8.5
Total :					17.8	131.5	149.3	182.9
Promedio :	17.3	28.0	21.8	68.4				

Estación : RAFAEL ESCOBAR | Dpto. : CALDAS | Latitud : 5 ° 28 ' N
Año : 2002 | Mpio. : SUPIA | Longitud : 75 ° 39 ' W
Altitud : 1320 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	27.8	21.4	72.7	.4	1.1	1.5	5.3
2	17.9	27.4	21.4	72.7	0.0	6.7	6.7	4.1
3	17.0	25.4	19.8	79.7	1.9	0.0	1.9	1.7
4	15.5	28.6	18.8	77.3	10.3	12.9	23.2	6.2
5	16.6	27.4	21.4	73.3	0.0	59.9	59.9	3.8
6	16.5	26.6	21.3	65.3	0.0	7.3	7.3	5.7
7	17.7	25.4	19.7	83.0	.7	9.9	10.6	2.4
8	17.5	25.2	19.9	78.3	.2	3.6	3.8	.9
9	16.9	28.1	21.2	76.3	.2	9.5	9.7	4.2
10	17.6	28.3	22.0	71.3	0.0	0.0	0.0	5.5
11	17.5	29.3	22.0	63.3	0.0	0.0	0.0	5.8
12	17.7	27.8	21.4	65.3	0.0	0.0	0.0	3.2
13	18.0	27.6	22.2	68.0	0.0	15.1	15.1	5.5
14	17.7	28.8	22.0	70.7	0.0	0.0	0.0	5.4
15	17.8	28.6	22.7	65.7	0.0	0.0	0.0	5.7
16	17.3	29.2	22.8	66.7	0.0	0.0	0.0	8.3
17	18.3	26.6	21.6	70.0	.2	0.0	.2	1.5
18	17.2	28.2	22.6	66.3	0.0	19.8	19.8	9.0
19	17.9	27.5	21.4	71.3	0.0	0.0	0.0	4.7
20	17.0	29.2	22.8	61.0	0.0	0.0	0.0	9.0
21	17.6	29.8	22.8	63.7	0.0	0.0	0.0	7.6
22	18.6	29.6	23.3	64.0	0.0	0.0	0.0	8.6
23	17.2	29.9	22.8	59.3	0.0	0.0	0.0	8.3
24	18.0	28.7	22.0	68.0	0.0	0.0	0.0	4.9
25	18.2	30.0	23.5	66.7	0.0	0.0	0.0	9.5
26	18.0	30.5	23.8	64.0	0.0	0.0	0.0	8.6
27	18.6	30.8	24.3	61.3	0.0	0.0	0.0	9.6
28	18.9	30.7	23.4	69.7	0.0	0.0	0.0	7.2
29	17.8	28.0	20.4	74.3	35.9	0.0	35.9	4.0
30	17.3	29.9	23.0	60.7	0.0	.1	.1	9.2
31								
Total :					49.8	145.9	195.7	175.4
Promedio :	17.6	28.4	21.9	69.0				

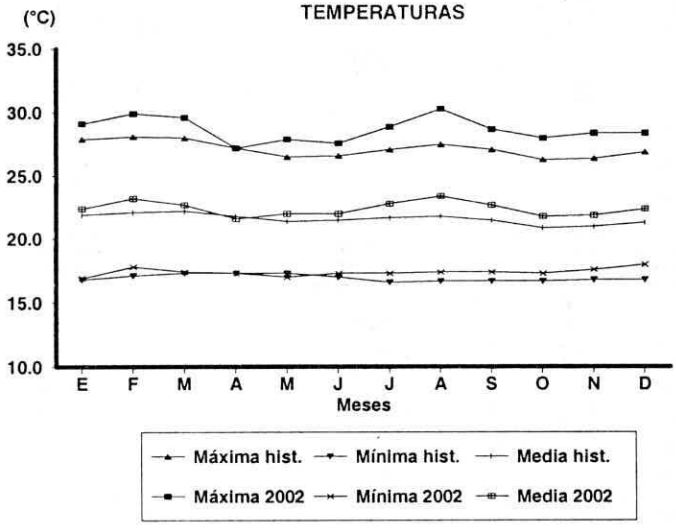
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.3	30.0	23.9	61.7	0.0	0.0	0.0	7.8
2	18.0	30.8	23.8	62.0	0.0	0.0	0.0	10.0
3	17.7	29.3	22.7	69.3	0.0	0.0	0.0	3.6
4	17.4	29.4	22.6	64.3	0.0	0.0	0.0	7.2
5	18.6	29.0	22.4	66.7	0.0	1.1	1.1	4.6
6	18.3	28.9	22.0	73.3	.4	0.0	.4	4.2
7	17.1	29.2	21.6	71.7	1.5	2.9	4.4	6.5
8	18.5	25.0	20.4	81.7	.1	0.0	.1	.7
9	18.0	28.2	23.0	62.7	0.0	0.0	0.0	6.7
10	18.8	30.9	23.9	60.7	0.0	3.3	3.3	8.1
11	18.5	26.7	22.2	71.7	0.0	0.0	0.0	1.3
12	18.3	30.5	23.4	60.0	0.0	0.0	0.0	8.0
13	19.5	31.0	24.4	58.7	0.0	4.7	4.7	7.0
14	19.3	27.0	21.7	80.7	2.2	32.7	34.9	1.7
15	17.0	19.8	18.2	93.0	17.1	1.9	19.0	0.0
16	17.6	25.4	20.4	80.0	3.1	39.8	42.9	1.2
17	17.3	24.9	19.7	80.3	2.7	12.8	15.5	2.4
18	16.8	28.6	20.9	70.7	0.0	0.0	0.0	5.6
19	17.0	28.4	21.8	66.7	0.0	0.0	0.0	5.7
20	17.6	28.0	21.0	76.0	.8	10.6	11.4	3.8
21	17.7	28.8	22.1	69.3	0.0	0.0	0.0	5.4
22	17.2	29.0	23.0	60.3	0.0	0.0	0.0	8.7
23	17.5	29.6	23.0	59.7	0.0	0.0	0.0	8.8
24	17.0	27.8	22.4	64.7	0.0	0.0	0.0	6.5
25	18.6	29.8	23.0	61.3	0.0	0.0	0.0	8.4
26	16.9	29.2	22.9	61.7	0.0	0.0	0.0	10.1
27	18.8	29.0	23.2	66.3	0.0	0.0	0.0	8.8
28	17.3	29.5	23.2	62.3	0.0	0.0	0.0	8.1
29	19.3	29.0	23.2	63.7	0.0	0.0	0.0	4.0
30	18.3	29.8	23.4	60.3	0.0	0.0	0.0	6.0
31	18.4	29.0	23.5	65.7	0.0	0.0	0.0	5.2
Total :					27.9	109.8	137.7	176.1
Promedio :	18.0	28.4	22.4	68.0				

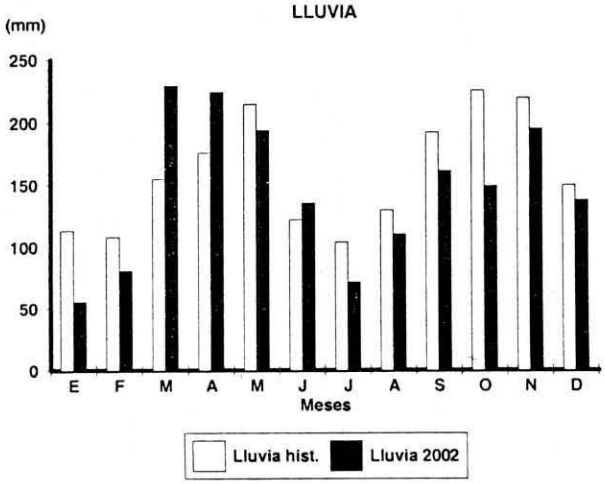
Estación : RAFAEL ESCOBAR
Año : 2002

Dpto. : CALDAS
Mpio. : SUPIA

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.9	29.1	22.4	32.4	14.9	64.3	55.5	9	227.4
Febrero	17.8	29.9	23.2	32.6	15.9	58.5	80.8	14	186.8
Marzo	17.4	29.6	22.7	32.8	16.0	60.9	229.3	18	186.2
Abril	17.3	27.2	21.6	30.9	15.8	69.3	224.4	21	110.8
Mayo	17.0	27.9	22.0	30.9	13.3	66.4	194.4	15	148.8
Junio	17.3	27.6	22.0	31.8	15.9	64.8	135.6	15	184.6
Julio	17.3	28.9	22.8	32.2	15.5	57.8	71.4	6	203.6
Agosto	17.4	30.3	23.4	33.2	15.4	51.7	110.5	9	221.2
Septiembre	17.4	28.7	22.7	31.3	15.9	60.9	161.5	16	189.6
Octubre	17.3	28.0	21.8	30.6	16.4	68.4	149.3	19	182.9
Noviembre	17.6	28.4	21.9	30.8	15.5	69.0	195.7	14	175.4
Diciembre	18.0	28.4	22.4	31.0	16.8	68.0	137.7	11	176.1
Promedio :	17.4	28.7	22.4			63.3			
Absoluta :				33.2	13.3				
Total :							1746.1	167	2193.4





Estación : SANTA HELENA
Año : 2002

Dpto. : CALDAS
Mpio. : MARQUETALIA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	23.8	20.3	89.7	18.5	.3	18.8	4.6
2	17.0	24.0	19.8	86.7	0.0	0.0	0.0	5.5
3	17.5	24.2	20.1	83.3	0.0	8.1	8.1	5.7
4	16.0	22.2	19.4	92.0	8.0	35.0	43.0	5.6
5	16.7	24.2	19.7	82.0	0.0	0.0	0.0	4.4
6	17.0	24.8	20.3	84.3	0.0	49.0	49.0	5.5
7	16.8	23.7	20.3	88.7	0.0	43.6	43.6	5.2
8	14.6	22.8	19.6	89.7	1.0	11.0	12.0	5.4
9	16.0	23.4	19.9	87.3	0.0	10.5	10.5	6.6
10	17.2	23.8	19.9	86.7	0.0	3.0	3.0	8.0
11	16.6	22.7	19.1	86.3	.9	.9	1.8	5.4
12	17.0	23.2	19.5	85.7	0.0	31.3	31.3	4.9
13	16.0	23.5	19.4	89.3	4.4	0.0	4.4	1.1
14	17.6	22.2	19.5	89.0	12.3	34.8	47.1	1.8
15	16.2	24.4	20.2	89.3	0.0	.5	.5	4.8
16	16.7	24.0	20.2	85.7	0.0	0.0	0.0	5.9
17	17.2	25.4	20.6	85.7	0.0	6.7	6.7	6.2
18	16.5	23.6	19.7	82.7	0.0	0.0	0.0	2.8
19	17.0	23.8	20.2	85.7	0.0	0.0	0.0	2.9
20	15.6	24.8	19.4	90.0	12.9	0.0	12.9	3.1
21	16.8	24.0	20.2	85.0	0.0	24.3	24.3	3.9
22	15.5	24.5	20.6	76.3	0.0	0.0	0.0	6.5
23	17.8	26.2	21.0	82.0	0.0	0.0	0.0	6.5
24	18.4	25.9	21.7	74.0	0.0	0.0	0.0	6.6
25	18.5	26.4	22.0	79.0	0.0	0.0	0.0	6.3
26	18.4	25.4	21.0	88.7	0.0	0.0	0.0	3.3
27	18.6	26.6	22.4	66.3	0.0	0.0	0.0	7.5
28	19.0	26.5	22.2	55.3	0.0	0.0	0.0	9.3
29	19.2	27.8	22.8	61.3	0.0	0.0	0.0	10.1
30	17.5	24.4	20.9	85.3	0.0	0.0	0.0	.1
31	18.2	24.5	20.8	90.7	0.0	10.6	10.6	1.8
Total :					58.0	269.6	327.6	157.3
Promedio :	17.1	24.4	20.4	83.3				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	25.6	20.3	81.3	0.0	0.0	0.0	7.3
2	18.2	26.4	21.8	85.0	0.0	55.5	55.5	4.4
3	17.8	24.0	19.4	88.7	1.5	0.0	1.5	1.1
4	16.4	20.6	18.6	86.3	4.1	0.0	4.1	.1
5	16.8	21.2	18.8	93.0	0.0	0.0	0.0	1.1
6	17.4	23.6	20.0	82.0	0.0	14.9	14.9	5.6
7	17.0	22.2	19.2	81.0	0.0	5.5	5.5	2.0
8	17.2	22.0	19.0	86.3	2.9	0.0	2.9	.3
9	16.5	23.4	19.0	88.7	0.0	0.0	0.0	1.8
10	17.0	24.4	20.1	85.3	0.0	56.8	56.8	4.1
11	16.5	24.0	20.2	82.7	13.6	37.5	51.1	2.2
12	16.8	23.3	20.0	90.7	0.0	17.1	17.1	2.7
13	15.6	24.0	20.6	86.7	0.0	2.1	2.1	3.9
14	17.2	23.6	20.4	87.0	0.0	10.0	10.0	3.4
15	17.5	24.4	20.2	89.3	0.0	0.0	0.0	2.2
16	17.6	25.0	20.8	82.7	0.0	16.4	16.4	3.5
17	16.0	23.8	20.3	89.0	0.0	0.0	0.0	3.2
18	18.8	24.8	20.8	85.3	0.0	55.3	55.3	4.4
19	16.2	23.8	20.4	84.7	0.0	0.0	0.0	4.0
20	18.4	26.6	21.4	84.0	0.0	1.8	1.8	5.9
21	18.8	24.2	21.3	85.0	0.0	0.0	0.0	2.2
22	18.4	25.5	21.5	87.3	0.0	.3	.3	2.3
23	17.2	25.0	20.3	84.0	0.0	7.8	7.8	4.6
24	18.2	25.2	21.0	83.3	0.0	0.0	0.0	4.5
25	18.5	26.2	21.8	77.7	0.0	0.0	0.0	4.5
26	18.4	23.8	20.6	87.0	0.0	3.0	3.0	2.0
27	17.7	22.8	19.8	93.0	13.5	1.8	15.3	1.5
28	17.6	24.8	20.2	84.7	0.0	.8	.8	3.7
29								
30								
31								
Total :					35.6	286.6	322.2	88.5
Promedio :	17.3	24.1	20.3	85.8				

Estación : SANTA HELENA
Año : 2002

Dpto. : CALDAS
Mpio. : MARQUETALIA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	25.4	20.9	80.0	0.0	0.0	0.0	6.5
2	18.5	27.0	22.8	72.0	0.0	0.0	0.0	6.8
3	19.4	24.4	21.0	85.0	0.0	0.0	0.0	1.9
4	17.5	24.3	20.4	89.0	0.0	9.2	9.2	5.1
5	16.6	23.2	19.3	86.0	0.0	0.0	0.0	2.0
6	18.0	25.4	20.6	80.0	0.0	24.0	24.0	3.4
7	16.5	24.0	20.6	85.3	0.0	0.0	0.0	2.0
8	18.4	23.6	20.7	81.0	0.0	22.6	22.6	1.2
9	16.0	26.4	21.5	81.7	0.0	0.0	0.0	5.4
10	17.3	24.8	20.4	87.0	0.0	0.0	0.0	2.7
11	18.0	24.4	20.6	88.7	0.0	.5	.5	2.4
12	16.0	21.6	18.7	91.3	1.9	0.0	1.9	0.0
13	17.4	26.4	22.4	70.3	0.0	0.0	0.0	7.0
14	18.0	26.0	20.8	85.3	0.0	41.0	41.0	2.7
15	15.0	23.2	18.8	95.7	3.8	0.0	3.8	1.4
16	18.4	25.4	21.0	86.0	0.0	37.1	37.1	6.0
17	16.0	24.2	20.3	74.3	.5	0.0	.5	4.4
18	19.4	26.0	22.0	72.0	0.0	3.2	3.2	5.1
19	16.6	23.6	20.2	77.7	0.0	31.1	31.1	.2
20	16.0	22.4	19.1	92.0	1.9	0.0	1.9	.2
21	17.0	19.8	18.0	91.3	1.1	0.0	1.1	0.0
22	17.2	23.2	19.4	84.7	0.0	0.0	0.0	.4
23	16.6	23.5	19.7	86.0	0.0	0.0	0.0	.7
24	18.6	25.4	21.9	77.3	0.0	34.8	34.8	4.7
25	15.6	27.0	21.8	63.0	0.0	0.0	0.0	5.5
26	18.5	26.8	22.3	71.0	0.0	0.0	0.0	4.3
27	18.0	23.4	20.3	92.3	.8	96.2	97.0	1.2
28	16.4	23.2	19.6	87.7	0.0	6.9	6.9	2.2
29	17.0	20.4	18.4	93.7	1.1	0.0	1.1	0.0
30	16.5	24.8	20.2	86.3	21.4	.8	22.2	4.8
31	18.0	26.8	22.3	78.3	0.0	1.7	1.7	7.0
Total :					32.5	309.1	341.6	97.2
Promedio :	17.3	24.4	20.5	83.0				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	23.2	20.6	90.7	.4	38.6	39.0	.5
2	16.2	21.4	18.6	94.3	6.0	0.0	6.0	0.0
3	18.0	25.0	21.0	84.3	0.0	107.6	107.6	3.7
4	15.4	23.6	21.1	78.7	0.0	0.0	0.0	.4
5	18.2	26.6	21.9	70.7	0.0	0.0	0.0	4.5
6	15.0	21.4	19.1	89.3	11.0	.4	11.4	.3
7	15.8	20.4	18.5	86.7	26.5	0.0	26.5	0.0
8	16.0	24.2	19.1	83.0	45.6	31.4	77.0	4.8
9	16.2	23.2	19.0	78.7	0.0	13.3	13.3	.4
10	16.2	23.0	18.9	93.3	0.0	1.1	1.1	2.5
11	17.0	22.0	18.8	85.7	2.5	.7	3.2	.2
12	16.6	23.4	19.3	83.3	1.0	34.9	35.9	2.8
13	15.8	21.4	18.1	89.0	4.0	2.9	6.9	.3
14	17.6	22.8	19.3	84.7	0.0	0.0	0.0	1.8
15	17.0	24.2	20.4	83.3	0.0	1.8	1.8	2.7
16	17.4	25.6	20.8	86.7	0.0	73.3	73.3	6.9
17	15.0	23.2	19.7	86.7	0.0	.4	.4	.4
18	17.8	23.0	19.6	96.0	0.0	3.4	3.4	0.0
19	17.5	22.0	19.7	92.3	.6	38.7	39.3	.2
20	17.0	24.0	19.5	91.0	0.0	30.5	30.5	5.5
21	17.4	23.0	19.0	94.7	21.1	0.0	21.1	1.6
22	18.0	24.8	20.4	84.3	0.0	0.0	0.0	4.8
23	18.8	26.2	21.1	84.7	0.0	54.6	54.6	8.5
24	17.0	24.4	20.7	90.0	0.0	20.2	20.2	1.8
25	17.4	19.2	18.0	95.3	6.7	.4	7.1	0.0
26	17.0	22.6	19.3	90.7	2.4	8.2	10.6	1.7
27	17.4	22.0	18.9	96.0	2.2	19.5	21.7	.2
28	16.6	23.0	18.8	88.0	0.0	0.0	0.0	4.0
29	18.0	23.0	20.8	87.3	2.5	0.0	2.5	3.1
30	17.8	23.2	18.8	94.3	0.0	0.0	0.0	1.4
31								
Total :					132.5	481.9	614.4	65.0
Promedio :	16.9	23.2	19.6	87.8				

Estación : SANTA HELENA
Año : 2002

Dpto. : CALDAS
Mpio. : MARQUETALIA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	23.6	20.3	89.7	0.0	0.0	0.0	1.7
2	18.0	25.0	20.6	88.7	.7	0.0	.7	6.6
3	18.6	25.6	22.2	71.3	0.0	0.0	0.0	6.3
4	18.8	26.6	21.6	81.3	0.0	0.0	0.0	9.8
5	19.0	27.4	22.3	77.3	0.0	0.0	0.0	9.5
6	19.6	28.0	23.1	63.3	0.0	0.0	0.0	10.1
7	19.2	25.8	21.8	77.7	0.0	0.0	0.0	7.0
8	18.8	26.2	21.5	79.3	0.0	0.0	0.0	6.1
9	19.0	26.4	22.2	72.0	0.0	0.0	0.0	8.9
10	18.8	27.6	22.6	73.3	0.0	0.0	0.0	7.0
11	19.0	26.0	21.8	76.0	0.0	0.0	0.0	.7
12	19.4	27.0	22.8	72.0	0.0	0.0	0.0	7.9
13	19.8	27.8	21.8	74.0	0.0	0.0	0.0	2.0
14	19.4	27.0	22.4	79.7	0.0	0.0	0.0	4.6
15	19.8	25.6	22.5	75.7	0.0	0.0	0.0	2.1
16	18.4	26.4	21.2	84.0	0.0	1.0	1.0	3.1
17	18.6	26.0	21.6	80.0	0.0	5.0	5.0	4.8
18	17.0	24.6	20.6	91.0	6.0	64.0	70.0	4.0
19	15.8	23.0	20.4	87.7	0.0	0.0	0.0	0.0
20	18.0	26.2	21.2	89.0	0.0	86.0	86.0	5.2
21	16.6	23.2	19.7	87.3	0.0	0.0	0.0	.1
22	16.8	22.4	19.3	92.0	7.0	0.0	7.0	.3
23	17.6	22.8	19.8	90.7	0.0	0.0	0.0	0.0
24	18.8	27.0	22.2	77.7	0.0	45.0	45.0	9.1
25	16.4	22.6	18.7	93.0	5.0	56.0	61.0	2.8
26	15.8	22.4	18.6	93.7	6.0	33.0	39.0	1.4
27	16.0	23.0	19.2	90.7	0.0	17.0	17.0	1.9
28	17.0	21.6	18.7	91.7	13.0	8.0	21.0	2.2
29	16.6	22.6	18.1	89.0	15.0	13.0	28.0	.9
30	16.0	21.0	18.6	94.7	36.0	15.0	51.0	.4
31	16.8	22.0	18.5	83.7	6.0	0.0	6.0	1.7
Total :					94.7	343.0	437.7	128.2
Promedio :	18.0	24.9	20.8	82.8				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	24.2	20.0	89.7	0.0	25.0	25.0	7.2
2	17.0	23.0	19.8	91.3	17.2	3.9	21.1	3.6
3	17.2	23.6	20.0	83.0	2.1	0.0	2.1	3.7
4	17.4	22.2	18.6	86.0	0.0	.2	.2	1.7
5	16.6	21.4	18.8	90.0	0.0	49.9	49.9	.2
6	16.4	24.4	18.8	91.3	0.0	19.5	19.5	1.3
7	16.2	22.8	19.2	87.3	0.0	0.0	0.0	2.2
8	17.2	24.2	20.2	84.3	3.4	62.6	66.0	4.4
9	16.0	24.4	19.4	76.3	0.0	6.0	6.0	4.6
10	17.4	25.8	21.6	72.3	0.0	4.2	4.2	9.7
11	18.0	23.0	19.3	90.3	0.0	.2	.2	2.6
12	17.8	23.4	19.6	87.0	.2	2.3	2.5	3.3
13	17.0	24.4	19.6	86.7	0.0	0.0	0.0	3.4
14	17.8	25.0	20.5	73.7	0.0	13.1	13.1	8.6
15	16.6	23.6	18.6	89.3	0.0	0.0	0.0	5.7
16	17.6	24.6	21.0	66.3	0.0	0.0	0.0	9.6
17	17.8	24.4	20.4	77.0	0.0	0.0	0.0	7.6
18	17.4	24.0	19.6	78.3	0.0	0.0	0.0	4.3
19	17.2	25.6	21.8	68.7	0.0	0.0	0.0	11.2
20	17.8	24.4	20.2	74.7	0.0	0.0	0.0	6.9
21	17.5	24.2	20.3	73.3	0.0	0.0	0.0	7.0
22	17.4	24.2	20.1	65.0	0.0	0.0	0.0	11.1
23	16.5	23.4	19.6	65.7	0.0	0.0	0.0	4.6
24	16.6	23.4	20.4	66.3	0.0	0.0	0.0	3.0
25	17.4	23.2	20.2	74.7	0.0	0.0	0.0	2.4
26	17.0	24.2	20.4	71.7	0.0	0.0	0.0	6.6
27	18.2	25.6	21.5	68.0	0.0	0.0	0.0	4.9
28	17.4	26.6	21.6	66.3	0.0	0.0	0.0	7.3
29	19.0	25.0	20.8	84.0	0.0	0.0	0.0	3.3
30	18.8	27.8	23.2	57.7	0.0	0.0	0.0	8.5
31								
Total :					22.9	186.9	209.8	160.5
Promedio :	17.3	24.2	20.2	77.9				

Estación : SANTA HELENA
Año : 2002

Dpto. : CALDAS
Mpio. : MARQUETALIA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	26.0	22.0	60.7	0.0	0.0	0.0	7.7
2	18.2	25.4	21.8	67.0	0.0	0.0	0.0	3.7
3	18.4	26.9	22.4	63.3	0.0	0.0	0.0	7.3
4	19.6	27.4	22.3	78.7	0.0	.2	.2	7.8
5	15.6	26.4	19.3	80.3	76.5	19.5	96.0	5.4
6	15.4	23.0	19.1	81.3	0.0	0.0	0.0	.6
7	17.8	25.1	20.8	78.3	0.0	0.0	0.0	6.6
8	18.6	25.5	22.2	75.3	0.0	0.0	0.0	10.0
9	18.4	26.0	21.4	68.3	0.0	0.0	0.0	10.2
10	18.5	24.4	21.2	73.7	0.0	0.0	0.0	1.0
11	18.0	24.6	20.6	78.7	2.0	0.0	2.0	4.9
12	17.9	26.6	22.3	66.7	0.0	0.0	0.0	11.6
13	17.7	26.4	22.5	58.3	0.0	0.0	0.0	9.4
14	18.2	26.6	22.2	54.7	0.0	0.0	0.0	7.4
15	18.4	25.3	20.9	75.7	0.0	0.0	0.0	3.0
16	17.5	25.4	21.3	71.3	0.0	0.0	0.0	5.0
17	18.0	25.5	21.2	85.0	1.0	19.6	20.6	4.0
18	15.8	23.0	19.8	76.7	0.0	.9	.9	4.2
19	17.0	24.6	21.0	71.7	0.0	0.0	0.0	6.6
20	17.3	24.4	20.0	85.3	0.0	63.6	63.6	1.9
21	15.6	24.5	19.4	71.7	0.0	0.0	0.0	4.4
22	17.5	23.8	20.1	83.3	0.0	0.0	0.0	5.9
23	14.5	26.2	22.1	74.3	0.0	30.3	30.3	8.4
24	16.0	23.8	20.4	80.0	0.0	16.1	16.1	4.3
25	16.8	23.4	20.1	76.7	0.0	0.0	0.0	5.7
26	17.0	27.0	22.1	55.3	0.0	0.0	0.0	11.6
27	17.5	25.6	21.0	59.0	0.0	0.0	0.0	11.1
28	17.3	24.6	21.5	59.0	0.0	0.0	0.0	3.2
29	17.5	25.6	22.4	54.3	0.0	0.0	0.0	11.6
30	18.5	28.6	22.8	44.0	0.0	.2	.2	6.8
31	18.0	22.8	19.1	74.3	0.0	0.0	0.0	1.8
Total :					79.5	150.4	229.9	193.1
Promedio :	17.5	25.3	21.1	70.4				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	24.8	21.2	59.7	0.0	0.0	0.0	9.6
2	18.8	26.4	22.7	52.3	0.0	0.0	0.0	10.9
3	18.2	24.8	21.0	62.3	0.0	0.0	0.0	3.8
4	16.5	25.0	21.1	61.7	0.0	0.0	0.0	8.4
5	17.5	26.5	21.5	67.3	0.0	0.0	0.0	9.5
6	17.6	27.8	22.8	53.3	0.0	0.0	0.0	10.2
7	18.8	27.6	22.4	54.3	0.0	0.0	0.0	6.8
8	17.0	26.8	21.9	59.0	0.0	12.3	12.3	8.8
9	16.0	24.8	20.0	74.0	0.0	0.0	0.0	8.8
10	17.2	26.3	21.4	45.0	0.0	0.0	0.0	10.4
11	18.4	24.8	21.4	49.3	0.0	0.0	0.0	7.1
12	18.8	26.4	22.8	47.7	0.0	0.0	0.0	8.2
13	19.2	27.0	22.4	52.3	0.0	0.0	0.0	8.8
14	17.5	26.8	22.4	55.7	0.0	0.0	0.0	8.6
15	18.0	28.2	23.5	52.0	0.0	0.0	0.0	9.6
16	19.2	27.0	23.0	50.3	0.0	0.0	0.0	9.0
17	18.3	26.6	22.6	50.0	0.0	0.0	0.0	9.5
18	19.6	28.3	23.5	44.3	0.0	0.0	0.0	9.7
19	18.4	27.5	22.5	53.7	0.0	0.0	0.0	5.7
20	18.2	26.0	22.2	63.3	0.0	0.0	0.0	6.2
21	18.0	28.4	23.6	49.0	0.0	0.0	0.0	9.4
22	19.8	28.0	22.8	47.7	0.0	0.0	0.0	5.7
23	19.0	28.3	22.4	55.0	0.0	0.0	0.0	6.4
24	18.0	28.4	23.2	53.7	0.0	0.0	0.0	10.2
25	18.5	28.0	22.1	75.3	0.0	34.5	34.5	7.7
26	14.0	24.2	20.3	80.3	0.0	22.2	22.2	3.8
27	15.4	23.2	19.6	88.3	0.0	.4	.4	1.1
28	17.0	23.0	20.1	86.7	0.0	0.0	0.0	1.0
29	16.9	23.6	18.6	93.3	0.0	0.0	0.0	.9
30	17.0	24.6	20.5	84.0	0.0	41.5	41.5	3.1
31	16.8	25.0	20.5	84.0	0.0	.1	.1	3.8
Total :					0.0	111.0	111.0	222.7
Promedio :	17.8	26.3	21.8	61.4				

Estación : SANTA HELENA
Año : 2002

Dpto. : CALDAS
Mpio. : MARQUETALIA

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	24.2	20.1	82.3	0.0	3.5	3.5	2.3
2	18.0	25.0	20.6	82.3	0.0	12.7	12.7	6.1
3	15.8	25.6	22.2	67.0	0.0	51.8	51.8	8.1
4	14.0	25.8	22.2	62.7	0.0	0.0	0.0	10.2
5	18.0	24.8	21.4	75.0	0.0	0.0	0.0	3.3
6	17.5	26.4	22.0	65.0	0.0	0.0	0.0	7.7
7	18.0	27.0	22.0	63.0	0.0	0.0	0.0	6.9
8	18.2	28.0	23.3	46.0	0.0	0.0	0.0	10.7
9	17.5	25.8	21.8	73.7	1.0	0.0	1.0	4.9
10	18.4	25.6	22.0	57.7	0.0	10.2	10.2	6.0
11	16.7	24.1	20.6	75.7	.5	0.0	.5	4.2
12	17.4	26.8	21.6	74.3	0.0	0.0	0.0	8.8
13	17.0	27.1	21.4	80.7	0.0	0.0	0.0	7.8
14	18.0	26.5	21.6	76.0	0.0	0.0	0.0	7.2
15	18.2	26.6	21.4	76.0	0.0	0.0	0.0	7.9
16	18.6	25.7	22.3	61.7	0.0	0.0	0.0	7.1
17	16.3	22.0	19.3	85.0	40.0	0.0	40.0	.4
18	16.8	24.0	20.0	87.3	0.0	64.2	64.2	4.4
19	15.4	23.1	20.2	71.7	0.0	1.7	1.7	8.9
20	17.2	26.2	20.8	80.3	0.0	0.0	0.0	7.9
21	17.0	26.6	22.6	66.3	1.1	0.0	1.1	7.8
22	17.5	26.4	21.7	72.3	0.0	2.5	2.5	8.7
23	16.5	25.5	20.3	74.7	0.0	0.0	0.0	5.0
24	17.0	24.1	19.8	89.3	.2	81.0	81.2	1.3
25	15.2	22.0	18.8	89.0	.5	20.6	21.1	.8
26	14.6	21.0	18.4	84.3	5.5	14.6	20.1	1.3
27	16.4	24.2	20.0	85.7	0.0	26.6	26.6	4.7
28	15.5	23.3	19.6	73.7	0.0	0.0	0.0	1.7
29	17.0	24.8	20.3	84.3	0.0	.2	.2	6.3
30	17.1	25.5	21.5	80.0	0.0	0.0	0.0	8.9
31								
Total :					48.8	289.6	338.4	177.3
Promedio :	16.9	25.1	21.0	74.8				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.8	20.8	77.3	0.0	0.0	0.0	9.0
2	17.4	26.1	22.5	65.0	0.0	9.4	9.4	10.5
3	17.0	26.2	21.8	67.7	0.0	0.0	0.0	7.3
4	18.5	26.9	21.8	69.3	0.0	0.0	0.0	9.0
5	18.4	27.4	22.6	63.0	0.0	0.0	0.0	9.7
6	17.5	26.5	21.4	64.3	0.0	.7	.7	9.1
7	18.2	26.0	21.0	80.0	0.0	50.5	50.5	6.4
8	15.0	23.8	19.4	92.0	0.0	21.5	21.5	2.7
9	16.2	24.2	20.2	83.3	.4	0.0	.4	3.7
10	18.4	27.0	22.9	66.7	0.0	16.8	16.8	8.5
11	15.6	23.4	20.4	72.0	0.0	0.0	0.0	.8
12	18.3	24.2	20.6	65.7	0.0	0.0	0.0	1.4
13	17.5	25.9	20.8	77.7	0.0	0.0	0.0	5.4
14	17.4	26.5	21.2	75.3	0.0	26.1	26.1	9.3
15	16.6	25.4	20.8	65.3	0.0	0.0	0.0	5.5
16	17.6	25.6	21.0	76.7	0.0	22.0	22.0	7.3
17	16.4	23.3	19.4	87.0	.3	1.9	2.2	4.3
18	16.7	23.6	20.4	75.3	0.0	.7	.7	3.1
19	17.0	24.7	20.3	87.3	4.1	0.0	4.1	4.2
20	17.4	23.2	20.1	86.7	.7	6.5	7.2	2.3
21	16.1	24.2	19.4	85.7	0.0	1.0	1.0	5.7
22	17.0	20.6	18.8	79.3	9.9	0.0	9.9	.4
23	17.2	24.2	19.4	91.3	0.0	53.2	53.2	4.5
24	15.6	24.9	19.8	78.3	0.0	83.8	83.8	7.1
25	15.2	23.6	19.2	84.3	0.0	0.0	0.0	5.4
26	17.2	23.8	20.4	77.0	.8	40.6	41.4	4.8
27	16.0	22.6	18.8	79.7	0.0	24.3	24.3	2.1
28	15.2	22.8	18.6	85.3	0.0	24.6	24.6	2.2
29	15.3	22.4	17.7	91.0	30.8	7.8	38.6	2.0
30	15.0	22.2	18.0	90.0	16.7	0.0	16.7	2.7
31	16.0	22.5	19.0	82.7	0.0	0.0	0.0	4.7
Total :					63.7	391.4	455.1	161.1
Promedio :	16.8	24.5	20.3	78.1				

Estación : SANTA HELENA
Año : 2002

Dpto. : CALDAS
Mpio. : MARQUETALIA

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	24.4	19.5	86.0	0.0	35.7	35.7	3.0
2	16.0	23.4	18.3	88.7	0.0	4.2	4.2	2.8
3	15.4	23.0	18.3	87.0	.2	0.0	.2	2.6
4	16.4	24.2	20.5	80.3	0.0	20.7	20.7	6.0
5	16.2	23.2	20.0	77.0	0.0	.6	.6	3.4
6	15.6	23.6	19.1	79.3	.5	1.5	2.0	5.2
7	16.4	22.4	19.2	87.0	0.0	10.2	10.2	3.4
8	16.0	21.2	18.2	87.7	0.0	2.9	2.9	.3
9	15.6	23.2	19.3	86.3	0.0	0.0	0.0	3.6
10	16.4	25.3	20.7	73.7	0.0	0.0	0.0	8.5
11	17.0	25.0	20.9	74.7	0.0	0.0	0.0	4.2
12	18.0	25.6	20.7	79.3	0.0	10.5	10.5	4.5
13	16.7	21.6	19.2	84.0	0.0	15.2	15.2	3.2
14	16.0	23.7	19.6	79.7	0.0	0.0	0.0	5.3
15	17.5	25.5	21.0	76.0	0.0	0.0	0.0	7.9
16	18.0	25.9	21.3	76.3	0.0	0.0	0.0	7.5
17	18.8	24.8	21.0	66.0	0.0	4.0	4.0	4.4
18	17.0	22.8	19.2	88.0	0.0	39.4	39.4	4.6
19	15.0	23.8	18.5	87.3	0.0	0.0	0.0	3.5
20	17.0	24.4	20.7	81.0	.7	0.0	.7	8.2
21	17.6	25.4	20.6	86.3	0.0	0.0	0.0	6.9
22	17.5	26.0	21.6	63.3	0.0	.5	.5	9.8
23	17.3	24.4	20.3	73.7	0.0	3.6	3.6	7.8
24	17.0	24.6	20.6	81.7	0.0	1.3	1.3	6.6
25	17.5	25.0	20.8	86.3	0.0	0.0	0.0	8.7
26	17.6	26.0	21.8	78.7	0.0	.9	.9	8.6
27	18.7	26.4	22.0	78.0	0.0	0.0	0.0	6.4
28	18.5	25.4	21.9	78.3	0.0	0.0	0.0	6.5
29	18.0	24.6	20.2	77.0	1.4	0.0	1.4	3.1
30	18.8	24.8	21.0	88.0	0.0	6.0	6.0	4.9
31								
Total :					2.8	157.2	160.0	161.4
Promedio :	16.9	24.3	20.2	80.6				

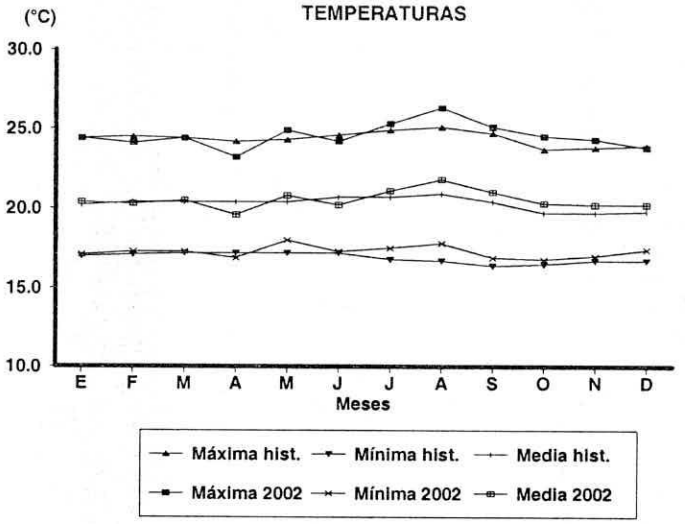
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	26.2	20.5	87.7	0.0	0.0	0.0	6.1
2	18.8	26.0	22.0	82.0	0.0	6.6	6.6	9.9
3	17.6	25.2	21.8	76.3	0.0	0.0	0.0	5.8
4	18.3	26.1	22.0	73.7	0.0	.2	.2	8.7
5	18.0	24.8	20.3	84.0	0.0	69.0	69.0	5.4
6	16.6	23.6	20.4	81.3	0.0	1.0	1.0	3.8
7	17.6	25.2	20.3	86.3	0.0	42.2	42.2	4.2
8	17.5	24.3	20.5	86.0	2.3	28.4	30.7	1.7
9	17.0	22.4	19.5	87.3	.3	1.2	1.5	2.7
10	16.2	24.2	20.1	86.0	0.0	46.7	46.7	3.5
11	16.5	22.2	19.0	90.3	1.0	0.0	1.0	0.0
12	17.2	24.3	21.6	69.7	0.0	0.0	0.0	6.5
13	18.0	25.4	20.5	86.0	0.0	1.0	1.0	3.0
14	17.9	21.0	19.2	93.0	2.4	.4	2.8	0.0
15	17.0	20.4	18.8	80.0	5.4	1.8	7.2	0.0
16	16.5	22.2	18.6	89.3	0.0	84.1	84.1	.7
17	15.6	20.4	17.8	89.7	32.5	.3	32.8	0.0
18	16.0	20.4	18.0	93.3	0.0	1.7	1.7	0.0
19	17.0	23.0	19.6	91.3	0.0	0.0	0.0	2.4
20	18.0	24.2	20.3	85.7	0.0	24.0	24.0	2.1
21	17.0	22.8	18.9	91.0	1.5	0.0	1.5	2.7
22	17.9	24.6	20.6	86.0	0.0	4.9	4.9	6.0
23	17.8	24.2	20.6	84.7	0.0	0.0	0.0	3.1
24	18.0	24.8	21.8	77.3	0.0	0.0	0.0	5.7
25	18.6	25.4	21.1	81.0	0.0	0.0	0.0	4.9
26	17.5	25.5	20.7	85.0	0.0	56.0	56.0	6.4
27	17.0	25.4	20.6	82.7	0.0	.5	.5	5.2
28	17.6	25.2	20.7	84.3	0.0	45.4	45.4	5.3
29	16.0	21.2	18.7	93.7	0.0	0.0	0.0	.3
30	18.2	23.0	20.2	87.0	0.0	5.0	5.0	2.7
31	17.5	24.6	21.2	67.0	0.0	0.0	0.0	5.3
Total					45.4	420.4	465.8	114.1
Promedio	17.4	23.8	20.2	84.5				

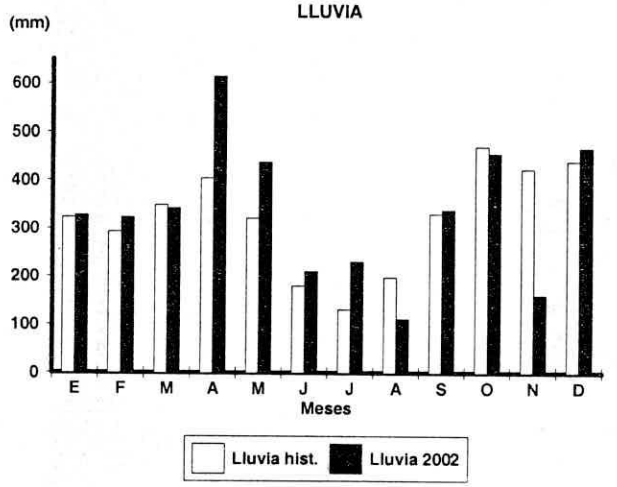
Estación : SANTA HELENA
Año : 2002

Dpto. : CALDAS
Mpio. : MARQUETALIA

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	17.1	24.4	20.4	27.8	14.6	83.3	327.6	17	157.3
Febrero	17.3	24.1	20.3	26.6	15.5	85.8	322.2	19	88.5
Marzo	17.3	24.4	20.5	27.0	15.0	83.0	341.6	19	97.2
Abril	16.9	23.2	19.6	26.6	15.0	87.8	614.4	24	65.0
Mayo	18.0	24.9	20.8	28.0	15.8	82.8	437.7	14	128.2
Junio	17.3	24.2	20.2	27.8	16.0	77.9	209.8	12	160.5
Julio	17.5	25.3	21.1	28.6	14.5	70.4	229.9	9	193.1
Agosto	17.8	26.3	21.8	28.4	14.0	61.4	111.0	6	222.7
Septiembre	16.9	25.1	21.0	28.0	14.0	74.8	338.4	16	177.3
Octubre	16.8	24.5	20.3	27.4	15.0	78.1	455.1	21	161.1
Noviembre	17.0	24.3	20.2	26.4	15.0	80.6	160.0	19	161.4
Diciembre	17.4	23.8	20.2	26.2	15.6	84.5	465.8	22	114.1
Promedio :	17.3	24.5	20.5			79.2			
Absoluta :				28.6	14.0				
Total :							4013.5	198	1726.4





Estación : GRANJA LUKER
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	31.6	25.2	69.7	0.0	0.0	0.0	9.0
2	17.5	30.8	23.3	76.7	0.0	6.1	6.1	7.4
3	20.0	29.8	23.1	79.0	0.0	0.0	0.0	7.3
4	19.0	31.4	23.7	75.7	0.0	0.0	0.0	9.4
5	16.4	30.5	22.2	76.7	0.0	0.0	0.0	8.3
6	18.2	30.6	23.4	76.7	0.0	4.3	4.3	8.4
7	19.8	28.0	23.1	82.3	.8	18.9	19.7	3.9
8	17.0	29.0	21.0	83.7	.7	3.7	4.4	8.1
9	18.8	29.4	22.6	82.3	2.5	2.6	5.1	5.7
10	19.0	30.8	22.8	78.7	0.0	0.0	0.0	8.9
11	17.4	31.0	21.8	78.0	0.0	0.0	0.0	8.7
12	17.2	30.6	22.8	72.7	0.0	0.0	0.0	9.0
13	18.8	28.8	23.0	80.3	0.0	0.0	0.0	3.9
14	19.4	29.0	21.8	82.3	0.0	0.0	0.0	3.9
15	17.4	30.4	22.6	79.7	0.0	0.0	0.0	9.2
16	17.0	30.2	22.9	78.3	0.0	0.0	0.0	6.1
17	19.4	31.0	23.3	78.0	0.0	0.0	0.0	8.1
18	17.8	31.2	23.0	76.3	0.0	0.0	0.0	7.5
19	17.0	31.6	23.5	72.0	0.0	0.0	0.0	8.4
20	18.0	30.0	23.9	75.0	0.0	8.3	8.3	5.2
21	18.4	31.4	23.3	73.7	0.0	.3	.3	8.2
22	18.4	30.8	23.2	77.7	0.0	0.0	0.0	6.8
23	15.8	32.6	22.8	74.3	0.0	0.0	0.0	8.4
24	18.0	30.0	23.5	77.7	0.0	2.0	2.0	3.1
25	19.4	31.0	23.6	79.3	0.0	0.0	0.0	2.6
26	19.0	30.5	24.4	77.7	0.0	2.3	2.3	4.9
27	19.4	31.8	24.4	72.7	0.0	0.0	0.0	8.0
28	16.8	31.5	23.2	74.3	0.0	0.0	0.0	7.5
29	16.8	32.4	22.9	76.0	.5	.8	1.3	7.1
30	19.4	27.0	21.6	89.3	.3	0.0	.3	1.5
31	17.4	27.8	22.1	84.7	0.0	0.0	0.0	.7
Total					4.8	49.3	54.1	205.2
Promedio :	18.2	30.4	23.0	77.8				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.2	31.4	24.2	75.7	0.0	0.0	0.0	4.7
2	19.0	32.0	24.6	74.7	0.0	19.5	19.5	7.0
3	20.0	25.6	22.3	86.7	.5	1.1	1.6	0.0
4	18.8	25.0	21.5	87.7	0.0	0.0	0.0	0.0
5	18.0	31.5	23.2	75.7	0.0	0.0	0.0	8.0
6	17.0	31.2	22.8	76.3	0.0	0.0	0.0	8.4
7	15.8	30.6	22.9	74.3	0.0	0.0	0.0	8.1
8	18.6	28.0	22.9	79.0	0.0	3.0	3.0	2.6
9	18.6	30.0	22.8	78.3	0.0	5.6	5.6	5.9
10	18.8	31.6	23.7	79.0	0.0	3.0	3.0	7.5
11	20.0	31.2	24.0	78.3	0.0	5.4	5.4	8.1
12	19.4	30.6	22.8	81.0	2.9	0.0	2.9	5.3
13	19.0	32.0	24.4	76.7	0.0	0.0	0.0	8.7
14	18.6	32.4	23.7	74.7	0.0	0.0	0.0	7.9
15	16.4	31.2	23.5	77.7	0.0	6.4	6.4	6.5
16	20.0	31.0	24.3	77.3	0.0	0.0	0.0	7.3
17	18.6	32.5	24.8	72.0	0.0	0.0	0.0	9.7
18	19.4	32.6	25.6	70.3	0.0	36.5	36.5	9.6
19	20.0	29.4	23.4	81.3	0.0	0.0	0.0	4.8
20	17.4	32.8	24.2	73.7	0.0	0.0	0.0	9.5
21	19.6	30.6	25.0	72.3	0.0	14.2	14.2	6.0
22	19.0	29.5	23.2	79.3	0.0	22.6	22.6	1.5
23	16.2	30.9	23.0	79.3	0.0	0.0	0.0	7.0
24	17.2	33.0	24.1	76.0	0.0	0.0	0.0	9.4
25	18.0	32.6	24.8	74.7	0.0	0.0	0.0	8.2
26	18.8	31.2	23.8	77.3	0.0	0.0	0.0	5.9
27	19.4	30.0	23.5	82.0	0.0	.4	.4	4.0
28	19.0	31.5	23.9	76.7	0.0	0.0	0.0	8.7
29								
30								
31								
Total					3.4	117.7	121.1	180.3
Promedio	18.6	30.8	23.7	77 4				

Estación : GRANJA LUKER
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	33.6	25.4	72.3	0.0	0.0	0.0	8.3
2	18.0	31.6	24.9	68.7	0.0	0.0	0.0	5.6
3	20.0	33.0	25.1	67.3	0.0	0.0	0.0	8.8
4	19.4	32.0	25.4	69.7	0.0	0.0	0.0	8.3
5	18.6	31.0	24.9	67.7	0.0	0.0	0.0	7.8
6	19.0	32.1	24.8	67.3	0.0	0.0	0.0	6.6
7	17.8	32.0	25.0	65.0	0.0	7.6	7.6	7.8
8	17.5	33.3	24.8	71.7	0.0	0.0	0.0	9.1
9	20.0	32.3	24.8	72.7	0.0	0.0	0.0	5.7
10	19.0	32.6	24.8	66.7	0.0	0.0	0.0	7.0
11	17.0	32.0	24.3	70.3	0.0	4.8	4.8	7.6
12	19.6	28.0	22.4	85.7	.5	0.0	.5	.5
13	17.4	31.2	24.0	75.7	0.0	2.9	2.9	5.3
14	18.8	29.6	23.0	78.3	0.0	7.5	7.5	3.7
15	18.5	28.6	22.6	84.7	.2	0.0	.2	2.2
16	18.4	31.0	24.0	78.7	0.0	23.0	23.0	5.4
17	19.0	25.4	21.7	71.7	0.0	0.0	0.0	.3
18	18.5	31.0	24.4	73.0	0.0	6.4	6.4	5.0
19	19.4	25.4	21.4	93.3	.3	0.0	.3	.3
20	18.4	29.6	23.5	79.3	0.0	19.0	19.0	3.5
21	19.2	23.8	20.5	93.7	14.2	0.0	14.2	.2
22	18.2	30.4	23.2	77.3	0.0	0.0	0.0	4.9
23	17.8	28.0	22.5	83.0	0.0	0.0	0.0	1.7
24	17.0	32.0	24.1	74.0	0.0	39.1	39.1	3.8
25	18.8	32.2	23.9	79.0	0.0	0.0	0.0	5.7
26	18.4	33.0	24.2	77.0	.8	0.0	.8	8.6
27	19.8	31.2	23.3	78.7	0.0	0.0	0.0	5.1
28	17.4	30.9	22.4	81.0	4.1	0.0	4.1	6.0
29	18.0	30.0	22.7	78.7	.3	0.0	.3	4.6
30	16.0	32.2	23.6	73.3	0.0	0.0	0.0	9.2
31	18.0	34.0	25.8	70.7	0.0	0.0	0.0	8.4
Total :					20.4	110.3	130.7	167.0
Promedio :	18.4	30.7	23.8	75.7				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.5	31.5	24.1	77.3	0.0	4.6	4.6	5.7
2	18.6	26.0	22.7	83.7	0.0	0.0	0.0	0.0
3	19.0	30.3	23.9	77.0	0.0	.7	.7	5.5
4	18.7	29.8	24.2	80.0	0.0	0.0	0.0	1.5
5	18.5	30.0	23.5	79.0	0.0	0.0	0.0	4.0
6	18.0	31.5	23.5	75.7	0.0	0.0	0.0	7.6
7	17.8	25.0	20.1	94.3	45.0	2.5	47.5	1.2
8	18.5	29.4	23.2	76.0	0.0	13.0	13.0	5.6
9	18.0	25.6	21.2	87.0	0.0	.2	.2	.2
10	17.0	28.0	22.5	82.3	0.0	0.0	0.0	6.3
11	17.2	30.0	22.8	79.7	0.0	0.0	0.0	4.9
12	18.0	31.2	23.8	71.7	0.0	2.9	2.9	7.0
13	18.5	29.5	22.5	78.0	0.0	0.0	0.0	5.6
14	17.0	28.5	23.2	72.7	0.0	0.0	0.0	6.2
15	18.0	32.0	23.7	77.7	0.0	1.6	1.6	6.7
16	17.5	31.7	24.8	74.7	0.0	1.6	1.6	8.7
17	20.0	29.6	23.6	82.3	0.0	.9	.9	3.0
18	19.0	25.6	20.9	93.7	4.3	.1	4.4	0.0
19	17.0	30.5	24.0	72.3	0.0	15.6	15.6	9.2
20	19.0	31.0	24.3	79.7	0.0	3.6	3.6	5.6
21	19.1	28.6	23.8	83.0	0.0	0.0	0.0	3.2
22	17.5	32.5	23.4	80.3	4.0	15.0	19.0	8.0
23	18.6	31.4	23.6	66.7	16.7	22.1	38.8	6.4
24	19.6	28.0	22.4	84.7	23.2	73.7	96.9	1.4
25	17.6	21.6	19.5	94.3	6.5	.2	6.7	0.0
26	17.5	27.0	21.7	90.7	1.6	13.5	15.1	2.5
27	18.5	29.0	22.2	84.7	2.7	.1	2.8	5.4
28	17.5	30.2	23.0	80.7	0.0	2.4	2.4	5.6
29	18.2	31.6	23.5	78.3	0.0	.6	.6	8.8
30	19.8	28.0	22.4	86.0	4.6	0.0	4.6	.4
31								
Total :					108.6	174.9	283.5	136.2
Promedio :	18.3	29.2	22.9	80.8				

Estación : GRANJA LUKER
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	31.4	24.4	76.7	0.0	0.0	0.0	7.5
2	18.5	31.6	24.8	75.3	0.0	18.5	18.5	6.0
3	18.8	30.0	23.8	82.0	0.0	1.4	1.4	5.1
4	18.2	30.8	24.4	80.3	0.0	0.0	0.0	7.7
5	18.8	31.8	25.2	75.7	0.0	0.0	0.0	7.5
6	20.0	32.0	24.6	78.3	0.0	0.0	0.0	6.9
7	19.1	30.8	24.9	78.0	0.0	36.0	36.0	4.7
8	19.4	30.0	23.7	82.7	0.0	0.0	0.0	3.4
9	18.0	32.5	24.4	79.0	0.0	0.0	0.0	7.3
10	18.7	31.0	24.7	75.3	0.0	1.4	1.4	5.7
11	19.5	27.4	22.8	87.3	0.0	0.0	0.0	.7
12	17.0	31.0	23.8	79.0	0.0	1.4	1.4	7.9
13	19.8	28.5	23.3	82.3	0.0	0.0	0.0	1.3
14	17.6	30.8	24.2	80.3	0.0	0.0	0.0	4.5
15	20.8	30.0	24.9	76.0	0.0	23.7	23.7	2.7
16	19.5	30.4	24.5	80.7	0.0	0.0	0.0	3.6
17	20.5	28.8	22.7	86.7	1.4	15.2	16.6	1.9
18	18.6	29.8	24.3	81.0	0.0	12.6	12.6	4.7
19	18.5	28.6	22.8	83.3	0.0	7.9	7.9	3.7
20	19.0	30.8	23.4	82.7	0.0	14.6	14.6	4.4
21	19.1	27.6	23.0	83.0	0.0	1.1	1.1	2.0
22	19.6	27.4	22.7	86.0	.3	0.0	.3	.2
23	18.8	28.4	23.1	84.3	0.0	30.0	30.0	2.0
24	17.0	27.6	22.2	87.7	0.0	.6	.6	4.9
25	16.9	21.6	19.1	96.0	46.7	.6	47.3	0.0
26	15.6	27.4	20.6	81.3	0.0	0.0	0.0	6.0
27	17.0	30.0	22.6	79.0	0.0	36.4	36.4	4.0
28	15.2	26.4	19.8	83.7	0.0	0.0	0.0	3.6
29	18.2	30.0	23.2	76.0	0.0	2.4	2.4	6.4
30	18.0	28.4	22.5	81.3	.4	0.0	.4	3.1
31	17.6	23.8	20.5	90.7	0.0	0.0	0.0	.2
Total :					48.8	203.8	252.6	129.6
Promedio :	18.4	29.2	23.3	81.7				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	29.8	23.0	78.3	.4	9.4	9.8	6.4
2	19.0	25.0	21.7	85.7	3.7	0.0	3.7	4.6
3	18.6	27.8	22.4	84.7	1.4	16.5	17.9	3.0
4	18.8	25.0	21.2	91.0	1.8	.5	2.3	.4
5	17.6	28.4	21.0	83.7	32.1	8.7	40.8	4.4
6	18.2	27.0	21.9	85.7	0.0	12.0	12.0	1.4
7	18.0	26.4	20.2	89.0	.9	0.0	.9	2.0
8	17.5	29.8	22.8	75.3	0.0	8.4	8.4	6.0
9	18.0	27.3	21.6	82.0	0.0	0.0	0.0	2.2
10	16.3	28.4	22.4	80.0	0.0	9.4	9.4	5.6
11	19.2	30.5	23.8	78.3	0.0	4.4	4.4	6.5
12	19.4	29.8	22.8	83.7	0.0	.2	.2	7.3
13	18.2	28.4	22.8	80.7	0.0	0.0	0.0	2.7
14	17.6	29.6	24.1	76.7	0.0	0.0	0.0	8.5
15	17.8	28.8	23.5	80.0	0.0	0.0	0.0	6.6
16	17.4	31.8	23.6	75.7	0.0	0.0	0.0	8.0
17	18.4	29.6	23.8	75.7	0.0	12.7	12.7	4.8
18	19.0	29.4	23.0	82.3	0.0	0.0	0.0	4.6
19	17.0	32.4	24.0	80.3	0.0	0.0	0.0	9.4
20	17.7	30.0	23.2	79.0	0.0	0.0	0.0	5.0
21	17.5	30.4	24.3	75.0	0.0	0.0	0.0	4.0
22	17.6	29.6	23.6	79.0	0.0	0.0	0.0	6.4
23	17.4	32.7	23.8	76.3	0.0	0.0	0.0	6.3
24	16.8	30.4	22.8	79.7	0.0	.1	.1	4.2
25	17.5	31.0	23.8	75.7	0.0	0.0	0.0	7.1
26	16.8	31.5	24.4	76.0	0.0	0.0	0.0	7.7
27	17.7	30.8	24.7	74.0	0.0	1.6	1.6	5.2
28	19.0	30.4	24.8	79.0	0.0	9.5	9.5	5.7
29	18.6	31.0	24.0	74.3	0.0	.3	.3	4.4
30	18.4	32.6	24.8	76.0	0.0	0.0	0.0	10.1
31								
Total :					40.3	93.7	134.0	160.5
Promedio :	17.9	29.5	23.1	79.8				

Estación : GRANJA LUKER
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	31.6	24.5	75.0	0.0	0.0	0.0	7.8
2	17.0	30.2	24.0	74.7	0.0	0.0	0.0	5.7
3	17.6	32.5	25.0	73.3	0.0	1.3	1.3	8.0
4	20.8	32.2	24.6	79.0	0.0	0.0	0.0	7.8
5	19.8	27.6	21.8	87.3	9.8	13.3	23.1	2.6
6	19.2	24.6	21.1	87.7	.8	0.0	.8	.3
7	17.2	30.8	23.5	80.0	0.0	0.0	0.0	7.5
8	18.7	31.0	24.8	78.0	0.0	0.0	0.0	6.5
9	19.0	31.4	24.6	78.7	0.0	0.0	0.0	7.7
10	20.6	30.0	24.7	75.3	0.0	0.0	0.0	1.9
11	18.0	29.6	23.9	78.7	0.0	9.7	9.7	4.6
12	18.6	32.0	23.8	76.0	0.0	0.0	0.0	9.4
13	16.8	33.0	24.2	73.3	0.0	0.0	0.0	8.8
14	16.5	31.6	24.2	72.3	0.0	2.1	2.1	7.3
15	19.4	30.8	23.7	76.3	0.0	2.0	2.0	6.3
16	18.8	30.9	23.9	81.0	7.1	5.1	12.2	6.2
17	20.0	30.0	24.3	77.7	0.0	32.9	32.9	5.0
18	19.4	28.0	22.6	84.7	0.0	0.0	0.0	2.7
19	18.2	30.0	23.8	79.3	0.0	.3	.3	4.7
20	19.4	29.0	23.2	77.0	0.0	.6	.6	3.8
21	18.4	29.0	23.2	79.3	0.0	0.0	0.0	5.1
22	19.0	30.8	23.9	76.0	0.0	0.0	0.0	8.3
23	19.2	29.4	23.8	77.7	0.0	0.0	0.0	5.8
24	18.8	31.0	24.0	72.3	0.0	5.3	5.3	8.9
25	16.8	28.4	21.6	80.0	.1	0.0	.1	4.6
26	15.4	32.1	23.2	74.3	0.0	0.0	0.0	7.8
27	16.4	32.0	24.5	71.0	0.0	1.3	1.3	10.2
28	17.2	30.0	23.4	78.3	0.0	0.0	0.0	7.3
29	16.4	31.4	23.5	74.7	0.0	0.0	0.0	8.4
30	15.0	32.0	23.0	72.0	0.0	9.5	9.5	8.5
31	18.4	28.0	22.1	82.3	0.0	0.0	0.0	3.4
Total :					17.8	83.4	101.2	192.9
Promedio :	18.2	30.4	23.6	77.5				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	31.4	22.4	74.7	0.0	0.0	0.0	9.1
2	17.0	31.0	23.6	75.7	0.0	0.0	0.0	8.5
3	16.8	28.4	20.8	81.7	.9	0.0	.9	3.7
4	15.0	30.6	22.4	75.3	0.0	.4	.4	8.6
5	18.6	32.4	23.6	74.3	0.0	0.0	0.0	9.2
6	15.4	32.6	23.4	73.0	0.0	0.0	0.0	9.6
7	17.0	31.0	23.4	77.3	0.0	0.0	0.0	1.9
8	17.8	31.8	24.5	74.3	0.0	2.3	2.3	6.2
9	19.4	29.0	23.8	78.3	1.0	0.0	1.0	4.0
10	16.8	31.6	23.8	72.3	0.0	0.0	0.0	7.6
11	16.0	29.6	22.6	73.0	0.0	0.0	0.0	4.9
12	15.0	32.8	23.4	73.0	0.0	0.0	0.0	8.5
13	17.0	31.4	24.0	72.7	0.0	0.0	0.0	5.9
14	17.2	31.6	24.2	71.3	0.0	0.0	0.0	6.9
15	17.4	33.6	26.1	63.7	0.0	0.0	0.0	7.8
16	18.2	34.8	26.0	58.7	0.0	0.0	0.0	8.2
17	15.6	33.6	24.7	66.7	0.0	0.0	0.0	8.8
18	15.6	31.0	24.1	68.0	0.0	0.0	0.0	5.3
19	17.8	30.0	24.0	70.7	0.0	12.6	12.6	3.7
20	18.2	31.4	23.8	79.7	2.4	0.0	2.4	6.9
21	19.4	33.6	25.4	72.7	0.0	22.3	22.3	8.3
22	19.0	32.2	24.6	76.7	0.0	0.0	0.0	6.4
23	19.4	31.2	23.2	78.7	.3	0.0	.3	4.1
24	17.0	32.8	24.0	72.3	0.0	.7	.7	7.9
25	19.0	32.4	25.2	68.0	0.0	.5	.5	8.6
26	19.4	30.6	23.2	76.7	0.0	3.3	3.3	4.2
27	19.8	27.0	22.1	83.7	1.1	0.0	1.1	.8
28	17.8	30.6	22.7	78.7	0.0	48.1	48.1	4.0
29	19.0	24.6	21.1	86.3	4.5	0.0	4.5	0.0
30	17.6	30.0	23.0	77.3	0.0	0.0	0.0	6.4
31	19.2	30.1	23.7	76.7	0.0	0.0	0.0	3.3
Total :					10.2	90.2	100.4	189.3
Promedio :	17.5	31.1	23.6	74.3				

Estación : GRANJA LUKER
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.0	29.6	23.6	73.3	0.0	19.0	19.0	5.1
2	19.0	27.6	22.4	82.0	0.0	1.2	1.2	4.9
3	18.4	30.4	23.4	79.3	0.0	5.3	5.3	6.6
4	18.8	32.0	23.5	77.3	0.0	0.0	0.0	8.8
5	17.8	32.0	23.1	78.7	0.0	0.0	0.0	5.1
6	17.5	32.0	24.8	73.3	0.0	0.0	0.0	8.3
7	18.8	32.4	24.4	76.0	0.0	0.0	0.0	7.5
8	17.0	33.5	24.8	71.0	0.0	0.0	0.0	8.6
9	18.2	30.7	23.6	76.7	0.0	0.0	0.0	5.0
10	19.2	29.0	23.7	79.3	6.8	6.6	13.4	2.5
11	19.0	29.4	22.4	84.0	0.0	0.0	0.0	4.0
12	16.6	31.6	24.8	68.7	0.0	0.0	0.0	8.0
13	17.2	32.4	24.5	71.7	0.0	1.3	1.3	8.4
14	20.0	30.0	23.8	78.7	0.0	0.0	0.0	3.5
15	18.0	32.2	24.2	74.3	0.0	1.2	1.2	6.7
16	18.8	30.7	23.5	79.3	0.0	0.0	0.0	4.9
17	19.0	27.4	22.8	84.3	0.0	1.1	1.1	1.5
18	18.3	24.4	21.2	89.3	46.6	.7	47.3	0.0
19	18.4	30.5	22.5	78.3	0.0	0.0	0.0	2.4
20	18.2	30.2	23.8	76.3	0.0	0.0	0.0	5.8
21	19.0	32.6	24.9	72.7	0.0	0.0	0.0	8.0
22	17.0	32.0	24.2	67.0	0.0	0.0	0.0	9.6
23	17.6	31.2	24.7	68.7	0.0	15.2	15.2	6.1
24	18.2	30.2	23.4	76.3	0.0	4.8	4.8	7.8
25	18.4	29.0	22.6	81.0	0.0	34.2	34.2	4.4
26	17.8	27.0	20.4	88.7	1.4	5.5	6.9	2.7
27	19.0	30.8	24.0	75.0	.4	19.7	20.1	6.5
28	18.2	25.6	21.1	82.7	0.0	0.0	0.0	.6
29	17.4	30.0	23.7	73.3	0.0	0.0	0.0	7.5
30	19.0	31.2	24.0	75.7	0.0	.2	.2	8.0
31								
Total					55.2	116.0	171.2	168.8
Promedio	18.3	30.3	23.5	77.1				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	32.5	24.4	76.0	0.0	0.0	0.0	8.0
2	18.4	31.5	23.4	77.7	0.0	0.0	0.0	7.9
3	17.2	31.2	23.2	76.0	0.0	0.0	0.0	6.9
4	16.5	30.4	23.9	76.0	0.0	0.0	0.0	6.0
5	18.0	29.4	23.2	80.0	0.0	0.0	0.0	3.3
6	17.8	30.0	24.1	73.3	0.0	0.0	0.0	5.0
7	20.0	26.6	22.2	85.7	.3	.1	.4	1.3
8	18.6	30.4	22.8	78.3	0.0	0.0	0.0	6.9
9	17.4	31.3	23.6	74.0	0.0	0.0	0.0	7.7
10	19.6	32.0	24.6	74.0	0.0	22.8	22.8	8.6
11	18.6	28.6	21.6	83.0	.4	0.0	.4	2.5
12	16.5	28.2	21.6	78.3	.3	0.0	.3	1.3
13	19.5	31.4	23.7	74.3	0.0	0.0	0.0	6.4
14	16.0	28.6	23.3	74.7	0.0	0.0	0.0	9.3
15	16.4	29.4	22.1	82.3	0.0	0.0	0.0	4.1
16	18.8	31.2	23.2	79.0	0.0	12.4	12.4	7.1
17	18.0	28.6	22.7	81.3	0.0	52.0	52.0	3.9
18	18.4	28.0	22.1	82.0	.4	0.0	.4	3.9
19	18.0	31.6	23.1	74.7	0.0	0.0	0.0	7.3
20	17.0	30.8	22.0	79.7	3.6	0.0	3.6	4.7
21	18.2	30.4	23.0	79.7	0.0	8.6	8.6	5.9
22	19.6	24.7	21.0	92.7	.4	0.0	.4	.9
23	18.0	29.2	22.8	75.7	0.0	7.8	7.8	3.9
24	18.6	28.6	21.6	83.3	3.6	1.0	4.6	4.0
25	18.4	30.8	22.3	83.0	9.2	12.9	22.1	7.1
26	18.5	26.5	22.0	92.3	.4	33.8	34.2	3.9
27	17.8	24.5	21.2	88.7	0.0	0.0	0.0	1.0
28	18.4	30.0	21.8	79.7	38.0	0.0	38.0	6.3
29	17.6	29.0	22.6	79.0	0.0	42.5	42.5	6.1
30	18.2	25.8	20.2	88.3	0.0	0.0	0.0	.7
31	17.4	29.8	22.8	82.7	0.0	12.0	12.0	7.1
Total					56.6	205.9	262.5	159.0
Promedio	18.1	29.4	22.6	80.2				

Estación : GRANJA LUKER
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.4	29.0	22.0	85.0	11.4	3.8	15.2	4.8
2	19.0	28.3	22.0	83.0	0.0	17.0	17.0	2.5
3	17.5	25.5	20.6	88.0	1.9	0.0	1.9	1.1
4	17.0	30.0	20.6	85.0	36.0	3.0	39.0	7.0
5	18.4	28.4	22.0	84.0	0.0	60.2	60.2	7.6
6	17.2	28.0	22.0	82.7	0.0	0.0	0.0	6.9
7	19.2	27.0	22.2	82.0	0.0	38.0	38.0	1.5
8	18.4	26.6	21.5	83.3	0.0	.2	.2	1.9
9	18.6	29.8	22.8	79.0	0.0	38.6	38.6	4.2
10	18.4	29.4	23.0	81.3	0.0	0.0	0.0	6.6
11	17.0	29.4	23.0	79.3	0.0	0.0	0.0	5.4
12	17.4	29.0	22.5	80.0	0.0	.9	.9	2.4
13	19.2	28.8	23.8	76.0	0.0	7.3	7.3	4.2
14	19.4	29.0	23.6	78.7	0.0	3.6	3.6	5.8
15	18.8	27.4	22.2	86.7	0.0	0.0	0.0	1.7
16	18.0	31.4	24.0	77.7	0.0	12.6	12.6	7.4
17	17.2	29.4	22.8	83.7	0.0	0.0	0.0	1.2
18	18.0	30.2	23.3	76.7	0.0	0.0	0.0	7.4
19	19.8	29.4	22.8	80.3	0.0	0.0	0.0	5.7
20	17.5	31.6	23.6	76.3	0.0	0.0	0.0	8.7
21	18.8	30.0	23.8	77.7	0.0	0.0	0.0	5.6
22	18.4	31.4	23.8	76.0	0.0	0.0	0.0	7.7
23	17.8	31.8	23.7	75.0	0.0	0.0	0.0	8.8
24	18.5	30.8	23.8	76.3	0.0	0.0	0.0	7.1
25	18.4	31.4	23.9	77.0	0.0	0.0	0.0	8.0
26	18.7	30.0	23.6	82.0	0.0	0.0	0.0	5.4
27	17.8	33.0	24.2	77.7	0.0	5.5	5.5	8.6
28	20.4	32.0	24.6	81.7	0.0	.2	.2	5.8
29	19.8	28.4	23.0	84.3	.2	0.0	.2	1.1
30	17.6	31.0	23.8	75.3	0.0	18.7	18.7	7.1
31								
Total :					49.5	209.6	259.1	159.2
Promedio :	18.4	29.6	23.0	80.4				

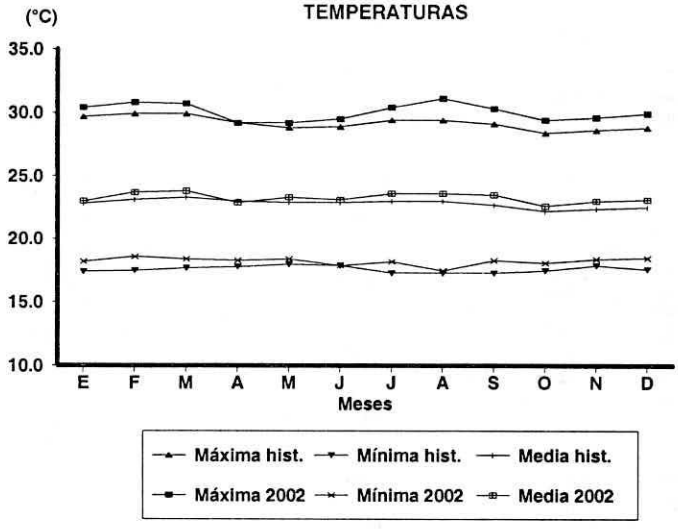
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	32.6	24.2	80.0	0.0	0.0	0.0	8.9
2	17.8	32.4	23.4	79.0	0.0	0.0	0.0	8.3
3	18.8	29.0	22.7	84.0	0.0	0.0	0.0	3.6
4	16.8	29.6	22.8	83.0	0.0	0.0	0.0	3.9
5	18.4	28.0	22.8	82.3	0.0	11.0	11.0	1.9
6	19.6	31.2	23.0	81.0	0.0	0.0	0.0	5.9
7	17.0	30.6	23.0	80.0	0.0	0.0	0.0	7.0
8	19.4	27.2	21.5	87.7	27.1	0.0	27.1	1.8
9	18.8	30.0	23.3	79.3	0.0	0.0	0.0	8.7
10	18.2	31.8	24.4	72.3	0.0	0.0	0.0	8.8
11	20.4	29.6	24.0	83.7	0.0	0.0	0.0	4.9
12	18.6	31.8	23.8	76.7	0.0	0.0	0.0	7.7
13	20.0	32.4	24.8	76.7	0.0	0.0	0.0	7.8
14	19.5	28.0	22.5	86.7	.7	5.5	6.2	.3
15	18.4	22.0	19.6	94.7	23.0	4.7	27.7	0.0
16	18.1	27.6	21.8	87.0	0.0	5.5	5.5	2.2
17	19.0	26.4	21.8	87.0	1.6	4.0	5.6	.8
18	18.2	29.6	21.8	81.7	0.0	0.0	0.0	3.0
19	17.6	30.0	22.7	81.7	0.0	0.0	0.0	5.6
20	18.0	29.8	22.0	82.7	9.5	0.0	9.5	2.8
21	18.6	30.2	23.2	81.0	0.0	0.0	0.0	7.2
22	18.7	30.6	23.8	75.3	0.0	.3	.3	5.5
23	18.8	31.8	23.8	79.0	0.0	0.0	0.0	8.8
24	17.4	29.0	23.0	83.0	0.0	0.0	0.0	4.3
25	17.5	31.6	23.3	78.7	0.0	0.0	0.0	6.7
26	16.6	32.0	23.2	78.3	0.0	0.0	0.0	9.2
27	18.8	29.8	23.8	77.7	0.0	0.0	0.0	6.4
28	18.6	31.2	23.8	76.7	0.0	0.0	0.0	7.9
29	19.9	31.2	24.1	77.7	0.0	0.0	0.0	7.7
30	19.4	30.6	23.7	79.7	0.0	.7	.7	4.4
31	19.0	30.5	23.4	81.3	0.0	0.0	0.0	5.9
Total :					61.9	31.7	93.6	167.9
Promedio :	18.5	29.9	23.1	81.1				

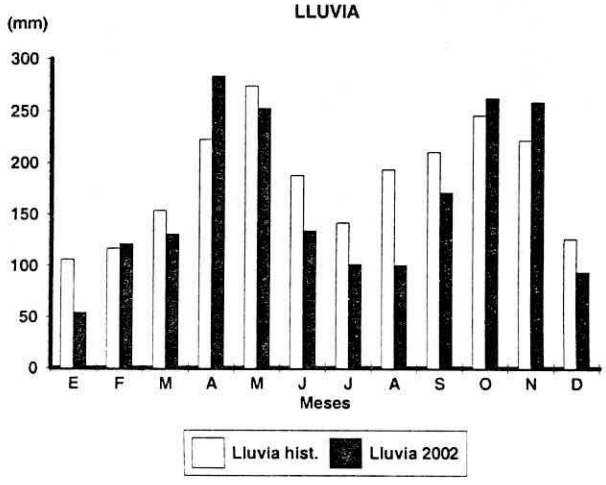
Estación : GRANJA LUKER
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	18.2	30.4	23.0	32.6	15.8	77.8	54.1	11	205.2
Febrero	18.6	30.8	23.7	33.0	15.8	77.4	121.1	12	180.3
Marzo	18.4	30.7	23.8	34.0	16.0	75.7	130.7	15	167.0
Abril	18.3	29.2	22.9	32.5	17.0	80.8	283.5	21	136.2
Mayo	18.4	29.2	23.3	32.5	15.2	81.7	252.6	18	129.6
Junio	17.9	29.5	23.1	32.7	16.3	79.8	134.0	16	160.5
Julio	18.2	30.4	23.6	33.0	15.0	77.5	101.2	14	192.9
Agosto	17.5	31.1	23.6	34.8	14.8	74.3	100.4	14	189.3
Septiembre	18.3	30.3	23.5	33.5	16.6	77.1	171.2	14	168.8
Octubre	18.1	29.4	22.6	32.5	16.0	80.2	262.5	17	159.0
Noviembre	18.4	29.6	23.0	33.0	17.0	80.4	259.1	16	159.2
Diciembre	18.5	29.9	23.1	32.6	16.6	81.1	93.6	9	167.9
Promedio :	18.2	30.0	23.3			78.6			
Absoluta :				34.8	14.8				
Total :							1964.0	177	2015.9





Estación : SANTAGUEDA
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	33.0	25.0	66.3	0.0	.6	.6	9.0
2	17.4	31.9	24.5	64.7	0.0	15.3	15.3	7.7
3	19.5	31.3	24.5	67.7	0.0	0.0	0.0	7.3
4	18.5	32.0	24.0	69.3	0.0	0.0	0.0	9.2
5	16.0	32.1	22.8	68.7	0.0	0.0	0.0	8.1
6	18.0	32.5	24.3	67.7	0.0	7.3	7.3	8.6
7	19.5	30.6	23.2	70.3	1.9	28.2	30.1	3.2
8	17.5	30.1	21.8	74.0	.6	14.8	15.4	7.7
9	18.5	30.5	22.8	72.3	2.2	2.4	4.6	6.5
10	18.7	31.8	23.8	68.3	0.0	0.0	0.0	9.2
11	17.5	32.0	22.0	69.7	0.0	0.0	0.0	8.7
12	17.3	31.5	22.4	69.3	0.0	.2	.2	9.0
13	18.0	30.0	22.7	71.3	0.0	.7	.7	3.8
14	18.9	30.3	22.5	73.0	0.0	4.5	4.5	4.1
15	17.0	32.0	23.0	70.3	0.0	0.0	0.0	8.9
16	17.3	31.4	23.5	69.0	0.0	0.0	0.0	6.2
17	19.0	32.4	23.6	69.7	0.0	0.0	0.0	8.2
18	18.0	31.5	23.0	66.3	0.0	0.0	0.0	7.6
19	16.4	33.1	24.2	64.0	0.0	0.0	0.0	8.9
20	18.0	30.7	24.4	60.3	0.0	8.0	8.0	5.9
21	18.3	33.4	24.0	64.0	0.0	.3	.3	8.6
22	18.5	32.2	23.6	68.3	0.0	0.0	0.0	6.9
23	14.6	34.0	23.2	67.0	0.0	0.0	0.0	9.0
24	17.8	30.8	24.1	66.7	0.0	.9	.9	3.0
25	19.0	32.5	24.3	66.0	0.0	0.0	0.0	2.9
26	19.3	31.7	24.8	64.0	0.0	10.3	10.3	4.8
27	19.5	34.2	25.8	60.7	0.0	0.0	0.0	8.0
28	17.4	33.0	23.7	66.7	0.0	0.0	0.0	8.5
29	16.5	33.2	23.5	67.3	1.2	1.0	2.2	6.7
30	18.5	28.3	22.0	80.7	.8	0.0	.8	1.4
31	16.2	28.5	22.4	74.0	0.0	0.0	0.0	.6
Total :					6.7	94.5	101.2	208.2
Promedio :	17.9	31.7	23.5	68.3				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	32.2	24.2	62.3	0.0	0.0	0.0	3.7
2	18.5	33.0	25.0	57.7	0.0	24.1	24.1	8.1
3	20.0	26.2	22.8	72.0	.3	0.0	.3	0.0
4	18.5	25.5	21.6	77.0	0.0	0.0	0.0	0.0
5	17.1	32.5	23.3	62.0	0.0	0.0	0.0	8.7
6	16.5	32.8	23.1	60.7	0.0	0.0	0.0	8.8
7	15.1	32.5	23.4	59.3	0.0	0.0	0.0	8.7
8	19.0	29.3	23.6	59.7	0.0	4.9	4.9	3.8
9	18.5	32.5	23.2	65.0	0.0	2.5	2.5	5.8
10	18.8	32.6	24.0	65.0	0.0	7.7	7.7	7.6
11	19.5	32.8	24.0	62.3	0.0	4.0	4.0	6.7
12	19.4	32.5	24.2	61.3	.2	0.0	.2	4.9
13	18.5	33.9	24.7	61.7	0.0	0.0	0.0	9.2
14	18.7	34.8	24.4	57.0	0.0	0.0	0.0	7.2
15	16.0	32.5	24.3	60.3	0.0	1.5	1.5	6.8
16	20.0	33.2	24.5	64.0	0.0	0.0	0.0	7.9
17	18.3	33.8	25.2	57.0	0.0	0.0	0.0	8.8
18	19.5	34.9	26.2	31.0	0.0	13.3	13.3	9.7
19	19.8	30.5	23.5	69.3	0.0	0.0	0.0	4.2
20	16.5	33.9	24.6	57.0	0.0	0.0	0.0	8.7
21	19.5	32.5	25.4	52.0	0.0	8.1	8.1	5.0
22	19.0	30.3	24.2	62.0	0.0	30.4	30.4	1.5
23	16.5	31.8	23.1	67.3	0.0	0.0	0.0	6.8
24	16.4	34.5	24.2	62.7	0.0	0.0	0.0	9.4
25	17.5	33.3	25.2	58.7	0.0	0.0	0.0	7.9
26	18.0	31.5	23.6	65.3	0.0	.7	.7	5.3
27	19.0	29.5	23.1	71.0	0.0	.3	.3	4.0
28	18.7	32.5	24.8	60.0	0.0	0.0	0.0	8.9
29								
30								
31								
Total :					.5	97.5	98.0	178.1
Promedio :	18.3	32.1	24.1	61.4				

Estación : SANTAGUEDA
Año : 2002

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	18.5	33.9	25.6	58.7	0.0	0.0	0.0	8.2
2	16.5	32.5	24.6	58.0	0.0	0.0	0.0	5.5
3	20.0	33.8	25.3	59.0	0.0	0.0	0.0	9.0
4	19.5	32.5	26.0	51.0	0.0	0.0	0.0	7.4
5	18.2	32.0	25.3	51.3	0.0	0.0	0.0	8.0
6	18.5	32.8	25.0	49.0	0.0	0.0	0.0	6.9
7	17.5	32.5	25.3	47.0	0.0	4.0	4.0	7.4
8	17.4	33.9	25.0	61.0	0.0	.1	.1	9.1
9	20.0	33.5	25.6	55.0	0.0	0.0	0.0	5.5
10	18.5	33.4	24.9	58.7	0.0	0.0	0.0	6.9
11	16.0	33.5	24.3	51.0	0.0	2.7	2.7	7.4
12	19.0	28.5	23.4	74.0	.4	0.0	.4	.4
13	17.0	32.0	24.5	60.7	0.0	9.9	9.9	5.8
14	18.0	29.5	23.6	60.0	0.0	11.1	11.1	3.4
15	18.5	29.2	23.2	69.7	0.0	0.0	0.0	2.2
16	17.5	31.8	23.9	66.0	0.0	36.2	36.2	4.7
17	18.5	25.5	21.4	80.0	0.0	0.0	0.0	.4
18	18.1	31.6	25.4	55.3	0.0	7.0	7.0	4.5
19	18.5	25.5	21.2	88.3	.3	0.0	.3	0.0
20	18.0	29.6	23.2	65.0	0.0	18.9	18.9	2.5
21	18.5	23.5	20.0	89.0	12.3	0.0	12.3	.1
22	17.5	31.0	23.6	65.7	0.0	0.0	0.0	5.5
23	17.3	28.8	22.7	71.0	0.0	0.0	0.0	1.5
24	16.5	33.3	24.4	58.0	0.0	38.4	38.4	3.6
25	18.6	33.0	24.8	61.7	0.0	0.0	0.0	5.4
26	18.0	33.9	24.8	55.7	.5	0.0	.5	8.7
27	19.5	31.8	23.4	66.3	0.0	0.0	0.0	5.2
28	17.0	31.6	22.5	69.7	2.5	0.0	2.5	6.4
29	18.0	29.8	22.6	70.3	0.0	0.0	0.0	4.5
30	15.5	32.9	24.4	56.7	0.0	0.0	0.0	9.5
31	18.0	34.5	27.1	46.3	0.0	0.0	0.0	8.2
Total :					16.0	128.3	144.3	163.8
Promedio :	18.0	31.3	24.1	62.2				

Abril	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.5	32.0	25.0	57.0	0.0	3.0	3.0	5.7
2	18.5	26.0	22.5	73.0	.1	0.0	.1	0.0
3	18.8	31.5	23.9	62.7	0.0	.8	.8	5.5
4	19.0	30.5	24.5	69.0	0.0	0.0	0.0	1.3
5	18.5	31.6	23.6	61.3	0.0	0.0	0.0	4.9
6	18.0	32.5	23.0	64.0	0.0	0.0	0.0	7.9
7	18.1	24.5	19.8	90.0	39.1	.3	39.4	1.6
8	18.0	30.0	23.5	61.0	0.0	16.5	16.5	5.3
9	17.0	25.0	20.4	79.7	0.0	.3	.3	0.0
10	16.5	28.5	22.2	75.0	0.0	0.0	0.0	2.6
11	17.5	29.5	23.3	54.0	0.0	0.0	0.0	4.7
12	18.4	32.3	24.4	54.3	0.0	5.0	5.0	7.0
13	18.5	30.5	23.0	63.7	0.0	0.0	0.0	4.9
14	17.0	31.1	24.2	47.3	0.0	0.0	0.0	5.7
15	18.6	32.9	24.2	59.7	0.0	1.8	1.8	8.2
16	17.6	32.5	26.1	52.3	0.0	0.0	0.0	10.0
17	20.5	30.5	24.6	68.0	0.0	1.7	1.7	2.8
18	19.0	25.5	21.0	84.7	4.2	.1	4.3	0.0
19	17.0	31.5	24.0	58.0	0.0	30.7	30.7	7.0
20	18.9	31.4	24.2	67.0	0.0	6.0	6.0	5.8
21	19.2	29.0	23.5	73.0	0.0	0.0	0.0	0.0
22	17.5	33.0	23.8	67.0	.4	15.0	15.4	8.6
23	18.4	31.8	23.2	66.7	33.7	16.5	50.2	6.8
24	19.5	27.8	22.7	74.3	23.6	68.7	92.3	2.3
25	17.9	21.2	19.4	86.7	7.0	.3	7.3	0.0
26	17.5	27.4	21.6	83.0	0.0	13.4	13.4	8.0
27	18.5	28.9	22.1	75.0	0.0	0.0	0.0	5.4
28	17.5	30.6	23.5	67.0	.3	1.6	1.9	5.6
29	18.1	31.5	24.2	55.7	0.0	.2	.2	8.1
30	18.2	26.9	21.7	78.7	3.5	0.0	3.5	.2
31								
Total					111.9	181.9	293.8	135.9
Promedio	18.3	29.6	23.1	67.6				

Estación : SANTAGUEDA
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.8	24.2	61.0	0.0	0.0	0.0	7.8
2	18.2	31.8	25.1	60.7	0.0	9.6	9.6	7.0
3	18.3	30.0	24.2	62.7	0.0	6.8	6.8	5.2
4	18.0	30.6	24.3	68.3	0.0	0.0	0.0	8.8
5	18.7	31.0	25.6	62.3	0.0	0.0	0.0	7.2
6	19.7	32.5	25.0	62.0	0.0	0.0	0.0	7.8
7	19.3	31.5	24.9	62.0	0.0	49.3	49.3	5.3
8	18.5	30.0	23.2	71.0	0.0	0.0	0.0	4.3
9	17.0	32.8	24.3	62.7	0.0	0.0	0.0	7.5
10	18.6	31.5	24.2	64.7	0.0	.4	.4	6.0
11	19.4	27.2	22.7	74.7	0.0	0.0	0.0	1.3
12	16.4	31.5	23.6	69.7	0.0	.2	.2	7.2
13	19.5	28.5	23.0	65.7	0.0	0.0	0.0	1.4
14	17.5	31.0	24.0	67.7	0.0	0.0	0.0	4.8
15	20.0	30.5	25.2	59.7	0.0	37.0	37.0	3.2
16	18.5	30.2	24.7	63.0	0.0	0.0	0.0	3.5
17	19.0	30.5	23.9	72.3	4.6	1.3	5.9	2.1
18	18.4	29.3	24.8	64.0	0.0	25.4	25.4	3.9
19	18.2	29.0	23.4	74.0	0.0	4.9	4.9	3.9
20	18.9	30.5	24.6	60.0	2.0	11.0	13.0	4.7
21	19.0	28.0	23.0	70.7	0.0	1.4	1.4	1.6
22	19.2	25.5	21.8	77.7	1.3	0.0	1.3	1.2
23	18.0	28.5	22.8	74.3	0.0	28.5	28.5	5.6
24	16.7	27.5	21.7	73.0	0.0	0.0	0.0	4.9
25	16.5	20.8	18.2	94.0	47.0	.5	47.5	0.0
26	15.0	27.5	20.3	71.7	0.0	0.0	0.0	6.3
27	16.2	30.0	21.8	69.7	.1	43.6	43.7	4.0
28	14.0	26.0	18.8	75.0	0.0	0.0	0.0	3.0
29	17.0	30.5	23.0	61.7	0.0	2.0	2.0	6.9
30	17.6	28.0	21.6	74.0	.5	0.0	.5	2.9
31	17.3	23.5	20.1	84.7	0.0	0.0	0.0	.3
Total :					55.5	221.9	277.4	139.6
Promedio :	17.9	29.2	23.2	68.9				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	30.0	23.3	65.0	0.0	17.0	17.0	6.4
2	18.0	27.0	21.6	82.0	5.0	0.0	5.0	5.1
3	18.1	28.0	22.6	73.0	2.0	23.6	25.6	3.1
4	17.5	25.0	20.5	82.0	2.0	.8	2.8	.7
5	17.0	28.1	20.7	75.0	23.1	9.1	32.2	4.7
6	17.2	26.2	21.7	69.0	0.0	12.7	12.7	2.6
7	17.0	26.0	19.6	78.7	1.6	0.0	1.6	2.0
8	16.9	29.5	22.2	62.3	0.0	9.1	9.1	5.1
9	17.5	26.6	21.2	65.0	0.0	0.0	0.0	1.8
10	15.5	28.5	21.4	74.3	0.0	9.9	9.9	6.0
11	17.5	30.0	23.2	71.3	0.0	5.6	5.6	6.6
12	18.4	29.5	22.7	73.0	0.0	.4	.4	7.0
13	17.5	27.5	21.8	72.7	0.0	0.0	0.0	2.9
14	17.0	29.6	22.6	67.7	.2	0.0	.2	9.2
15	16.4	28.5	22.0	73.7	0.0	0.0	0.0	7.0
16	15.7	28.6	22.5	69.0	0.0	0.0	0.0	8.0
17	18.2	31.0	23.6	67.3	0.0	12.3	12.3	5.1
18	19.2	29.7	24.0	74.3	0.0	0.0	0.0	4.6
19	17.0	33.3	24.6	69.0	0.0	0.0	0.0	9.5
20	18.0	30.5	24.4	70.7	0.0	0.0	0.0	5.2
21	17.5	31.5	25.3	65.0	0.0	0.0	0.0	4.3
22	18.0	30.0	25.7	67.3	0.0	0.0	0.0	6.7
23	17.5	32.0	25.2	62.7	.4	0.0	.4	6.5
24	16.5	30.0	22.9	70.3	0.0	.6	.6	5.3
25	17.0	31.3	24.2	65.7	0.0	0.0	0.0	6.4
26	15.8	31.2	24.0	65.7	0.0	0.0	0.0	8.0
27	17.5	31.0	24.8	63.0	0.0	0.0	0.0	4.9
28	19.0	30.5	24.8	70.0	0.0	39.6	39.6	7.7
29	18.0	30.4	23.2	64.3	0.0	0.0	0.0	4.4
30	18.3	32.5	24.8	66.0	0.0	0.0	0.0	10.3
31								
Total :					34.3	140.7	175.0	167.1
Promedio :	17.4	29.5	23.0	69.8				

Estación : SANTAGUEDA
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	32.0	24.0	65.3	0.0	0.0	0.0	9.4
2	16.5	30.5	24.5	55.7	0.0	0.0	0.0	1.5
3	17.2	33.2	25.3	59.3	0.0	2.1	2.1	8.5
4	20.7	32.5	24.6	69.3	0.0	0.0	0.0	7.8
5	19.9	28.1	21.7	80.0	21.2	7.9	29.1	2.8
6	18.7	24.4	21.5	78.0	.8	0.0	.8	.2
7	16.5	31.5	24.6	64.0	0.0	0.0	0.0	7.6
8	18.9	30.8	24.9	69.0	0.0	0.0	0.0	6.6
9	18.4	31.5	25.9	62.0	0.0	0.0	0.0	8.5
10	20.0	30.1	24.7	58.0	0.0	0.0	0.0	2.2
11	17.5	29.5	23.3	74.0	0.0	23.9	23.9	4.6
12	18.2	32.0	24.6	63.3	0.0	0.0	0.0	8.7
13	16.4	32.5	24.0	62.3	0.0	0.0	0.0	8.7
14	16.1	31.5	24.0	56.0	0.0	1.7	1.7	7.6
15	18.5	31.4	23.7	66.0	0.0	3.6	3.6	6.1
16	18.6	30.9	24.6	68.7	17.1	7.2	24.3	6.2
17	20.0	31.3	24.4	65.7	0.0	31.9	31.9	5.4
18	19.5	28.8	22.8	73.0	0.0	0.0	0.0	2.5
19	18.0	30.5	24.1	62.7	0.0	.1	.1	4.7
20	19.2	29.4	23.7	64.7	0.0	.5	.5	4.3
21	18.5	29.5	24.6	60.7	0.0	0.0	0.0	5.6
22	19.0	31.5	24.4	62.7	0.0	0.0	0.0	8.4
23	19.5	29.8	24.5	56.0	0.0	0.0	0.0	6.2
24	19.0	31.8	25.1	50.7	0.0	9.3	9.3	8.9
25	16.9	29.4	22.7	69.0	.2	0.0	.2	4.8
26	15.0	32.5	24.8	59.3	0.0	0.0	0.0	9.3
27	16.2	32.6	25.0	50.7	0.0	1.1	1.1	8.0
28	17.0	31.5	24.0	63.7	0.0	0.0	0.0	6.4
29	16.5	32.0	23.8	63.3	0.0	0.0	0.0	8.8
30	14.0	32.5	23.7	57.0	0.0	23.2	23.2	8.8
31	18.0	28.5	21.3	75.7	0.0	0.0	0.0	3.1
Total					39.3	112.5	151.8	192.2
Promedio :	17.9	30.8	24.0	64.1				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	31.6	23.0	58.0	0.0	0.0	0.0	9.1
2	15.8	32.0	23.3	57.7	0.0	0.0	0.0	8.5
3	15.5	28.5	20.8	68.7	1.9	0.0	1.9	4.4
4	13.6	30.8	22.5	57.7	0.0	.3	.3	10.1
5	18.2	32.3	23.4	59.7	0.0	0.0	0.0	9.6
6	14.5	33.8	24.8	52.0	0.0	0.0	0.0	9.8
7	16.7	31.5	23.5	61.7	0.0	0.0	0.0	4.4
8	18.0	33.3	25.6	51.0	0.0	2.9	2.9	6.8
9	19.0	29.8	24.4	63.0	.6	0.0	.6	4.3
10	17.5	33.0	25.6	54.7	0.0	0.0	0.0	8.2
11	15.9	30.1	24.1	46.0	0.0	0.0	0.0	1.3
12	14.3	33.0	23.7	53.3	0.0	0.0	0.0	9.4
13	15.5	32.0	23.8	63.0	0.0	0.0	0.0	6.0
14	16.2	32.9	25.2	56.7	0.0	0.0	0.0	7.0
15	17.5	34.9	26.6	49.7	0.0	0.0	0.0	6.9
16	18.5	35.5	26.0	46.0	0.0	0.0	0.0	8.5
17	16.0	34.5	24.8	54.7	0.0	0.0	0.0	8.9
18	15.8	31.5	23.3	58.7	0.0	0.0	0.0	5.3
19	17.2	31.3	24.9	56.3	0.0	5.6	5.6	3.6
20	19.0	32.9	24.4	64.3	1.1	0.0	1.1	7.2
21	20.5	35.3	26.6	51.0	0.0	4.7	4.7	8.9
22	19.2	32.5	25.6	60.7	0.0	0.0	0.0	6.7
23	18.9	31.5	23.3	63.7	1.5	0.0	1.5	4.7
24	16.0	33.6	24.6	56.3	0.0	0.0	0.0	8.1
25	19.5	33.2	26.0	51.7	0.0	1.3	1.3	9.0
26	19.4	31.2	23.6	65.0	0.0	2.5	2.5	4.4
27	18.9	27.0	22.4	71.3	.8	0.0	.8	1.1
28	18.0	31.5	23.0	68.0	.2	46.2	46.4	5.1
29	18.6	24.5	21.0	78.7	3.3	0.0	3.3	0.0
30	17.0	30.5	23.0	61.7	0.0	0.0	0.0	6.4
31	19.2	30.4	23.4	62.7	0.0	0.0	0.0	4.1
Total					9.4	63.5	72.9	197.8
Promedio	17.2	31.8	24.1	58.8				

Estación : SANTAGUEDA
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Septiembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.0	30.0	23.4	62.0	.2	13.3	13.5	5.5
2	18.5	27.5	22.8	64.7	0.0	0.0	0.0	4.9
3	18.2	30.5	23.4	63.3	0.0	5.2	5.2	6.5
4	18.5	32.4	23.8	64.7	0.0	0.0	0.0	8.8
5	17.4	30.5	22.8	60.3	0.0	0.0	0.0	4.9
6	17.5	32.5	25.5	57.0	0.0	0.0	0.0	8.2
7	18.5	33.1	24.2	63.3	0.0	0.0	0.0	7.5
8	16.6	33.0	25.4	51.7	0.0	0.0	0.0	8.5
9	17.5	31.2	24.0	62.0	0.0	0.0	0.0	4.5
10	19.0	29.0	23.8	67.3	4.8	17.1	21.9	2.2
11	18.5	29.7	22.5	72.0	0.0	0.0	0.0	4.7
12	15.6	31.8	25.0	49.3	0.0	0.0	0.0	7.6
13	16.6	32.5	24.8	57.0	0.0	1.7	1.7	8.3
14	19.5	30.5	24.3	63.0	0.0	0.0	0.0	3.9
15	18.0	32.5	24.7	60.3	0.0	1.7	1.7	6.6
16	18.6	31.9	23.7	64.3	0.0	.2	.2	4.6
17	19.0	28.0	22.6	70.0	0.0	9.8	9.8	2.0
18	18.0	23.8	20.8	85.0	36.8	1.4	38.2	0.0
19	18.5	30.5	23.0	62.0	0.0	0.0	0.0	2.4
20	17.9	30.0	24.2	63.3	0.0	0.0	0.0	6.0
21	19.0	32.7	25.4	55.7	0.0	0.0	0.0	7.6
22	16.5	32.3	23.8	52.7	0.0	0.0	0.0	9.5
23	17.7	31.2	25.0	52.3	0.0	6.1	6.1	5.4
24	17.5	30.5	24.2	57.3	0.0	13.6	13.6	8.1
25	17.7	29.5	22.8	65.7	.5	40.3	40.8	4.7
26	17.5	26.4	20.4	80.3	1.3	9.0	10.3	2.7
27	18.3	31.8	24.4	58.0	0.0	39.9	39.9	6.6
28	17.9	26.5	21.9	72.7	0.0	0.0	0.0	.8
29	17.2	30.4	23.8	62.0	0.0	1.1	1.1	7.0
30	18.9	31.3	24.1	66.0	0.0	0.0	0.0	7.1
31								
Total :					43.6	160.4	204.0	167.1
Promedio :	18.0	30.4	23.7	62.8				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	32.5	25.3	60.7	0.0	0.0	0.0	7.9
2	17.9	32.4	23.8	59.3	0.0	0.0	0.0	8.1
3	17.4	31.8	23.7	61.3	0.0	0.0	0.0	5.0
4	16.3	30.5	24.3	63.3	0.0	0.0	0.0	6.0
5	18.0	29.4	23.4	62.3	0.0	0.0	0.0	3.6
6	17.8	30.5	24.2	51.0	0.0	.3	.3	5.1
7	19.5	27.5	22.3	82.3	0.0	1.7	1.7	6.0
8	18.1	30.4	23.4	63.7	0.0	0.0	0.0	6.8
9	17.1	32.5	24.1	56.0	0.0	0.0	0.0	8.7
10	19.2	32.0	24.8	61.0	0.0	24.8	24.8	8.5
11	18.5	29.3	21.7	72.3	.5	0.0	.5	3.3
12	15.9	28.3	22.0	67.3	.3	0.0	.3	2.5
13	17.5	30.5	23.7	61.3	0.0	0.0	0.0	6.6
14	15.8	32.7	24.5	51.7	0.0	0.0	0.0	0.0
15	17.6	30.0	23.6	64.3	0.0	0.0	0.0	4.2
16	18.1	31.9	23.5	69.7	0.0	12.4	12.4	6.9
17	17.5	28.5	22.8	68.7	0.0	56.4	56.4	3.4
18	18.0	28.0	22.8	70.0	0.0	0.0	0.0	4.0
19	17.9	31.7	23.0	62.3	0.0	0.0	0.0	7.6
20	16.5	30.3	22.0	67.0	6.9	.2	7.1	4.4
21	17.5	30.5	23.7	65.0	.1	.5	.6	5.4
22	19.4	25.1	21.2	84.3	0.0	0.0	0.0	1.0
23	17.5	29.5	22.7	59.3	0.0	8.9	8.9	3.6
24	18.3	29.2	21.6	71.3	2.8	.7	3.5	4.0
25	17.9	31.6	22.8	67.7	2.2	10.9	13.1	7.0
26	18.6	26.5	21.6	76.0	.5	26.7	27.2	3.3
27	17.3	24.8	21.2	79.0	0.0	0.0	0.0	1.5
28	17.8	30.0	22.5	64.7	21.9	1.0	22.9	6.5
29	17.9	29.5	22.6	63.3	.2	56.0	56.2	6.2
30	17.6	25.5	20.2	78.3	.5	0.0	.5	1.0
31	16.9	29.5	22.7	71.7	0.0	22.2	22.2	6.7
Total :					35.9	222.7	258.6	154.8
Promedio :	17.7	29.8	23.0	66.3				

Estación : SANTAGUEDA
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	29.1	22.4	72.3	3.1	5.0	8.1	4.8
2	18.9	27.5	21.6	72.3	1.5	28.1	29.6	2.2
3	18.5	25.5	21.2	76.7	1.5	.1	1.6	1.5
4	16.5	29.5	20.6	72.7	22.3	2.9	25.2	6.4
5	17.5	29.0	22.4	67.3	0.0	52.2	52.2	7.2
6	16.7	28.5	22.6	69.3	2.3	1.7	4.0	6.7
7	18.8	26.4	22.2	70.3	0.0	39.0	39.0	1.1
8	17.7	26.5	21.8	73.3	0.0	0.0	0.0	1.7
9	18.0	29.6	22.9	63.7	0.0	15.5	15.5	4.3
10	18.1	29.2	23.4	62.7	0.0	0.0	0.0	6.9
11	16.6	30.1	23.7	56.0	0.0	0.0	0.0	5.4
12	17.5	29.5	23.2	62.0	0.0	1.0	1.0	3.2
13	18.5	29.4	23.5	61.3	.5	7.5	8.0	4.1
14	18.9	29.5	23.4	64.7	0.0	13.8	13.8	5.5
15	18.5	27.9	23.4	72.7	0.0	0.0	0.0	2.4
16	18.0	31.9	25.0	59.7	0.0	10.3	10.3	7.8
17	17.3	28.2	22.7	69.3	0.0	0.0	0.0	1.0
18	17.0	30.6	23.9	62.0	0.0	0.0	0.0	7.4
19	19.2	29.5	23.2	66.0	0.0	0.0	0.0	5.8
20	17.5	31.9	24.1	57.7	0.0	0.0	0.0	8.5
21	18.8	30.4	24.6	62.0	0.0	0.0	0.0	6.1
22	18.4	31.7	24.4	56.7	0.0	0.0	0.0	8.1
23	17.2	32.0	23.6	63.3	0.0	0.0	0.0	8.8
24	18.2	31.5	24.3	58.7	0.0	0.0	0.0	7.4
25	18.0	32.0	24.6	59.0	0.0	0.0	0.0	8.6
26	19.0	31.2	23.9	62.7	0.0	0.0	0.0	5.8
27	17.1	33.5	24.7	59.3	0.0	.7	.7	8.6
28	20.5	32.6	25.0	65.3	0.0	0.0	0.0	6.2
29	20.0	29.0	23.2	72.7	.1	0.0	.1	1.5
30	17.7	31.2	24.5	60.7	0.0	4.4	4.4	7.2
31								
Total					31.3	182.2	213.5	162.2
Promedio :	18.1	29.8	23.3	65.1				

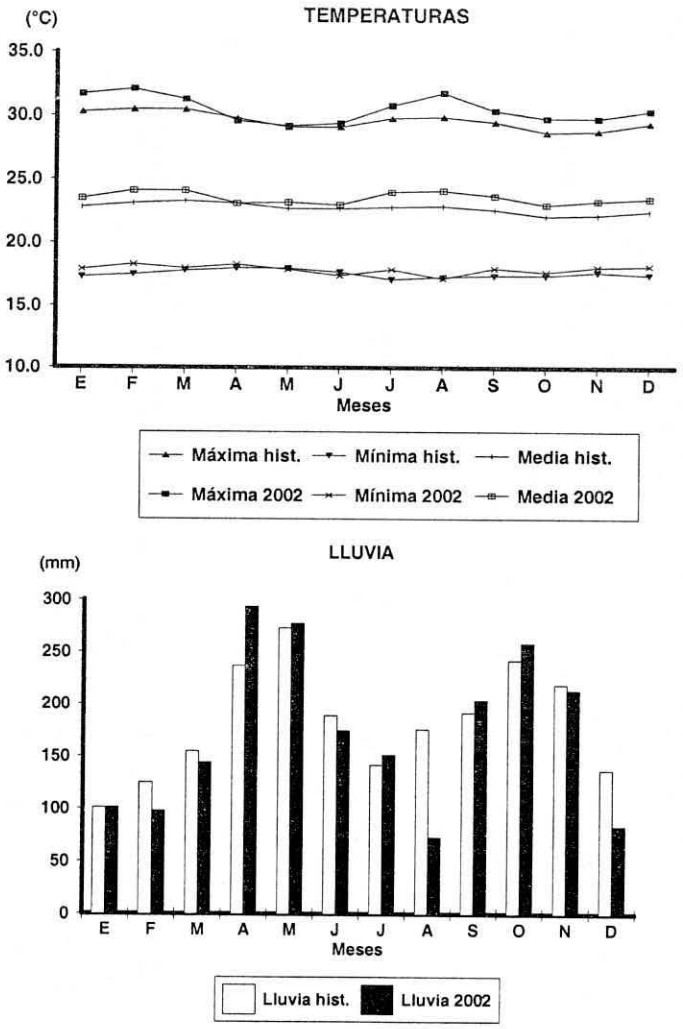
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	32.9	24.8	61.7	0.0	0.0	0.0	9.5
2	17.5	33.0	24.5	56.0	0.0	0.0	0.0	8.8
3	18.9	29.5	23.0	68.3	0.0	0.0	0.0	3.7
4	16.0	29.6	23.3	66.0	0.0	0.0	0.0	4.0
5	17.9	28.4	23.0	71.7	0.0	8.4	8.4	2.2
6	19.0	31.0	23.8	69.7	0.0	0.0	0.0	5.1
7	16.5	31.2	23.0	69.0	0.0	1.2	1.2	6.9
8	19.2	26.5	21.6	79.7	25.2	0.0	25.2	1.4
9	18.5	31.0	23.6	65.0	0.0	0.0	0.0	9.2
10	17.5	31.8	25.0	52.0	0.0	1.4	1.4	8.8
11	20.0	30.5	24.1	69.7	0.0	0.0	0.0	5.4
12	18.5	32.9	23.8	66.7	0.0	0.0	0.0	7.6
13	19.8	32.7	25.6	64.3	0.0	0.0	0.0	7.9
14	20.0	28.0	22.9	78.0	.4	4.0	4.4	.4
15	18.5	21.5	19.7	93.0	19.0	3.0	22.0	0.0
16	17.5	28.0	21.1	78.0	.2	5.8	6.0	3.0
17	18.1	28.5	21.8	79.0	1.0	3.4	4.4	.6
18	17.8	29.5	22.4	71.7	0.0	0.0	0.0	2.7
19	17.1	30.2	23.2	71.3	0.0	0.0	0.0	5.0
20	17.5	29.9	22.3	71.7	9.6	1.0	10.6	3.1
21	18.0	30.5	23.6	68.3	0.0	0.0	0.0	7.0
22	18.5	31.9	24.2	62.7	0.0	0.0	0.0	6.4
23	18.8	32.5	24.5	56.3	0.0	0.0	0.0	5.3
24	17.0	29.8	23.8	69.3	0.0	0.0	0.0	4.4
25	17.5	31.6	24.2	66.0	0.0	0.0	0.0	6.6
26	16.0	32.5	23.6	65.0	0.0	0.0	0.0	9.3
27	18.5	30.8	23.8	63.0	0.0	0.0	0.0	6.2
28	18.0	32.2	24.4	61.3	0.0	0.0	0.0	8.5
29	20.0	31.5	24.7	66.0	0.0	0.0	0.0	7.6
30	19.2	31.0	24.5	63.0	0.0	0.0	0.0	4.1
31	20.0	31.0	23.8	67.3	0.0	0.0	0.0	5.7
Total					55.4	28.2	83.6	166.4
Promedio	18.2	30.4	23.5	68.1				

Estación : SANTAGUEDA
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	17.9	31.7	23.5	34.2	14.6	68.3	101.2	15	208.2
Febrero	18.3	32.1	24.1	34.9	15.1	61.4	98.0	13	178.1
Marzo	18.0	31.3	24.1	34.5	15.5	62.2	144.3	14	163.8
Abril	18.3	29.6	23.1	33.0	16.5	67.6	293.8	20	135.9
Mayo	17.9	29.2	23.2	32.8	14.0	68.9	277.4	17	139.6
Junio	17.4	29.4	23.0	33.3	15.5	69.8	175.0	16	167.1
Julio	17.9	30.8	24.0	33.2	14.0	64.1	151.8	14	192.2
Agosto	17.2	31.8	24.1	35.5	13.6	58.8	72.9	13	197.8
Septiembre	18.0	30.4	23.7	33.1	15.6	62.8	204.0	14	167.1
Octubre	17.7	29.8	23.0	32.7	15.8	66.3	258.6	17	154.8
Noviembre	18.1	29.8	23.3	33.5	16.5	65.1	213.5	15	162.2
Diciembre	18.2	30.4	23.5	33.0	16.0	68.1	83.6	9	166.4
Promedio :	17.9	30.5	23.6			65.3			
Absoluta :				35.5	13.6				
Total :							2074.1	177	2033.2



Estación : EL ALGARROBO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	31.0	22.5	71.3	0.0	20.8	20.8	9.2
2	16.0	30.5	21.6	70.7	0.0	0.0	0.0	7.1
3	18.5	28.5	22.5	69.3	0.0	0.0	0.0	6.9
4	17.5	30.5	22.3	66.0	0.0	0.0	0.0	9.3
5	15.5	30.0	21.3	67.3	0.0	0.0	0.0	8.1
6	17.5	30.8	23.1	68.0	0.0	5.7	5.7	7.2
7	19.0	27.6	21.2	82.7	52.7	18.4	71.1	3.7
8	16.2	28.1	21.3	72.3	0.0	4.0	4.0	4.8
9	17.0	27.8	20.9	77.0	0.0	17.2	17.2	6.4
10	17.2	30.2	21.7	69.7	0.0	0.0	0.0	9.1
11	16.5	30.0	20.6	66.0	0.0	0.0	0.0	8.6
12	16.0	29.5	21.6	70.0	1.0	0.0	1.0	8.3
13	17.1	27.8	21.8	67.7	0.0	14.4	14.4	2.7
14	18.0	27.5	20.2	78.3	1.0	0.0	1.0	3.5
15	15.0	29.4	21.7	68.3	0.0	0.0	0.0	9.0
16	16.5	29.5	21.9	67.0	0.0	0.0	0.0	6.9
17	17.7	29.8	22.1	67.7	0.0	0.0	0.0	7.0
18	15.5	29.5	21.6	64.7	0.0	0.0	0.0	7.9
19	15.3	29.7	21.5	68.7	0.0	0.0	0.0	8.9
20	16.4	28.5	21.8	69.7	0.0	0.0	0.0	5.9
21	17.6	30.5	21.3	72.7	6.5	.1	6.6	8.2
22	16.5	29.0	21.6	71.7	0.0	0.0	0.0	5.4
23	14.3	31.6	21.2	66.3	0.0	0.0	0.0	8.1
24	16.9	28.5	21.5	73.0	0.0	1.1	1.1	3.3
25	17.5	30.2	22.8	69.3	0.0	0.0	0.0	3.7
26	18.1	29.9	23.0	61.0	0.0	0.0	0.0	4.7
27	17.9	32.7	23.7	59.7	0.0	0.0	0.0	7.4
28	15.8	31.9	22.4	64.0	0.0	0.0	0.0	7.9
29	16.5	31.8	22.1	70.7	0.0	0.0	0.0	6.6
30	17.7	25.7	20.8	84.3	0.0	0.0	0.0	1.0
31	15.7	26.6	20.8	74.3	0.0	10.7	10.7	.3
Total :					61.2	92.4	153.6	197.1
Promedio :	16.8	29.5	21.8	70.0				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	29.6	22.6	70.3	0.0	0.0	0.0	4.2
2	17.2	31.5	23.1	69.0	0.0	28.4	28.4	5.6
3	18.2	25.0	21.3	84.7	0.0	0.0	0.0	0.0
4	17.5	24.7	20.8	79.3	0.0	0.0	0.0	0.0
5	16.4	30.7	21.6	69.0	0.0	0.0	0.0	8.8
6	16.0	31.1	22.4	64.0	0.0	0.0	0.0	8.4
7	14.9	30.0	21.9	65.7	0.0	1.2	1.2	5.7
8	18.2	26.7	21.7	74.0	0.0	8.3	8.3	3.1
9	17.0	27.5	21.2	77.3	0.0	0.0	0.0	3.7
10	16.7	30.8	22.8	73.0	0.0	0.0	0.0	7.7
11	18.6	30.0	21.7	79.7	0.0	0.0	0.0	6.7
12	17.2	29.9	22.2	76.0	0.0	0.0	0.0	5.0
13	16.4	30.0	23.5	74.0	0.0	0.0	0.0	8.8
14	17.5	30.6	22.0	77.0	0.0	0.0	0.0	6.4
15	14.3	29.5	22.2	77.0	0.0	0.0	0.0	6.8
16	18.2	30.8	22.6	76.0	0.0	0.0	0.0	7.3
17	17.1	31.4	23.4	74.3	0.0	0.0	0.0	8.8
18	17.5	31.0	23.3	75.0	0.0	.9	.9	9.3
19	18.5	28.5	22.2	82.7	0.0	0.0	0.0	3.5
20	15.0	31.3	22.5	72.7	0.0	0.0	0.0	8.5
21	17.2	29.2	23.1	78.7	0.0	0.0	0.0	4.5
22	17.0	27.5	21.8	82.7	0.0	0.0	0.0	1.2
23	16.0	30.2	21.9	79.3	0.0	0.0	0.0	5.3
24	14.8	31.7	23.0	71.7	0.0	0.0	0.0	8.2
25	15.5	31.0	23.0	75.3	0.0	0.0	0.0	7.7
26	17.0	30.4	21.9	79.0	0.0	0.0	0.0	5.0
27	17.0	28.6	22.4	80.7	0.0	0.0	0.0	3.3
28	18.4	30.0	23.2	76.3	0.0	0.0	0.0	7.4
29								
30								
31								
Total :					0.0	38.8	38.8	160.9
Promedio :	16.9	29.6	22.3	75.5				

Estación : EL ALGARROBO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	33.2	23.5	70.7	0.0	0.0	0.0	9.3
2	16.0	30.8	23.0	75.3	0.0	0.0	0.0	6.3
3	17.5	31.5	23.2	77.3	2.2	.8	3.0	9.1
4	17.7	31.0	24.1	69.7	0.0	0.0	0.0	7.9
5	16.0	30.4	22.0	78.0	0.0	0.0	0.0	5.8
6	16.1	30.8	22.9	70.0	0.0	0.0	0.0	6.5
7	16.5	30.5	22.7	72.0	0.0	0.0	0.0	6.1
8	16.0	32.3	24.1	69.0	0.0	.1	.1	8.5
9	17.0	30.5	22.6	77.0	0.0	0.0	0.0	5.3
10	16.9	30.8	22.8	72.7	0.0	0.0	0.0	6.5
11	14.6	30.5	22.4	75.3	0.0	6.1	6.1	6.2
12	18.0	26.5	21.2	85.0	0.0	0.0	0.0	1.1
13	15.0	28.4	21.9	79.3	0.0	47.6	47.6	5.2
14	16.0	28.2	21.0	81.0	0.0	3.8	3.8	3.5
15	16.6	27.6	21.1	86.0	1.1	0.0	1.1	1.7
16	16.0	28.6	22.4	79.7	0.0	15.0	15.0	3.3
17	17.2	24.4	19.8	89.7	0.0	0.0	0.0	.2
18	16.2	29.7	21.4	82.0	4.1	8.3	12.4	4.2
19	18.0	21.5	19.2	96.7	3.3	0.0	3.3	.1
20	16.2	27.5	21.6	83.3	2.0	0.0	2.0	1.7
21	18.0	22.6	19.3	94.0	19.0	0.0	19.0	.3
22	16.0	30.4	21.9	83.3	0.0	0.0	0.0	6.0
23	15.4	27.0	21.2	86.7	0.0	0.0	0.0	1.2
24	15.0	30.7	22.5	82.7	.2	.2	.4	3.7
25	16.8	31.3	22.6	81.7	.5	0.0	.5	4.8
26	16.0	31.9	23.1	80.3	0.0	0.0	0.0	6.8
27	17.0	30.4	21.5	82.3	16.6	0.0	16.6	5.1
28	14.0	29.8	20.9	82.0	5.8	0.0	5.8	6.4
29	15.8	28.0	21.4	84.0	0.0	0.0	0.0	6.4
30	14.2	31.8	22.1	78.3	0.0	0.0	0.0	10.0
31	17.0	33.5	25.0	74.7	0.0	13.0	13.0	9.0
Total :					54.8	94.9	149.7	158.2
Promedio :	16.3	29.4	22.1	80.0				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.7	30.1	22.8	81.7	0.0	2.7	2.7	5.8
2	16.8	25.2	21.2	90.7	0.0	0.0	0.0	0.0
3	17.7	29.5	22.3	83.7	0.0	1.1	1.1	4.5
4	17.2	28.0	22.4	85.7	0.0	0.0	0.0	1.0
5	17.0	28.0	21.6	88.3	0.0	0.0	0.0	3.8
6	16.0	30.4	21.0	81.3	.5	0.0	.5	5.5
7	15.9	23.0	18.8	96.0	9.9	.6	10.5	.3
8	16.7	27.4	21.2	85.7	.2	11.0	11.2	3.9
9	15.5	23.4	19.5	90.3	0.0	.9	.9	0.0
10	15.0	26.5	20.2	87.0	0.0	0.0	0.0	2.2
11	15.6	28.5	21.5	75.7	0.0	0.0	0.0	4.6
12	17.0	30.1	22.7	77.0	0.0	9.8	9.8	6.8
13	17.0	28.7	20.8	83.0	0.0	0.0	0.0	6.1
14	14.6	29.4	22.4	79.7	0.0	0.0	0.0	6.8
15	17.5	30.9	21.8	82.0	0.0	4.2	4.2	6.6
16	15.2	30.7	22.5	81.7	0.0	0.0	0.0	8.2
17	17.6	28.0	22.4	84.7	0.0	0.0	0.0	3.3
18	16.7	23.3	19.2	97.3	7.7	0.0	7.7	.1
19	14.5	29.6	21.1	83.0	11.0	2.8	13.8	6.7
20	17.7	29.5	21.9	83.3	29.1	46.9	76.0	5.5
21	16.7	28.0	21.6	87.7	5.0	0.0	5.0	3.2
22	15.6	31.5	22.9	80.0	0.0	45.2	45.2	9.3
23	17.0	30.5	22.6	87.0	.6	20.4	21.0	6.6
24	18.0	27.1	21.9	90.7	0.0	71.6	71.6	.5
25	16.0	20.2	18.4	98.0	6.0	1.4	7.4	0.0
26	16.8	26.4	20.6	86.7	17.4	36.4	53.8	1.5
27	16.2	27.5	20.7	86.7	21.0	0.0	21.0	3.9
28	15.5	28.7	21.6	86.0	0.0	4.0	4.0	6.2
29	17.5	29.5	22.4	84.0	0.0	4.3	4.3	7.6
30	17.0	25.6	20.6	88.7	1.2	0.0	1.2	0.0
31								
Total :					109.6	263.3	372.9	120.5
Promedio :	16.6	27.8	21.4	85.8				

Estación : EL ALGARROBO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	29.5	22.4	81.0	0.0	0.0	0.0	7.3
2	17.4	30.5	22.7	83.0	1.1	9.7	10.8	7.0
3	17.0	28.3	22.2	84.3	0.0	1.0	1.0	4.9
4	16.8	30.7	22.5	84.0	0.0	1.8	1.8	8.7
5	17.0	31.5	23.6	81.7	0.0	0.0	0.0	6.3
6	18.0	31.0	23.4	81.0	0.0	0.0	0.0	7.7
7	17.4	30.7	21.0	79.3	0.0	20.1	20.1	6.0
8	18.0	28.2	22.2	89.3	0.0	0.0	0.0	2.9
9	15.5	31.8	22.8	82.3	0.0	0.0	0.0	7.8
10	17.3	29.7	23.1	83.3	0.0	.8	.8	4.5
11	18.4	27.5	22.6	87.0	0.0	0.0	0.0	5.1
12	16.0	30.9	22.7	79.7	0.0	0.0	0.0	7.2
13	18.8	28.7	22.4	87.7	0.0	0.0	0.0	2.0
14	15.4	29.8	21.8	86.0	0.0	0.0	0.0	5.1
15	18.0	29.6	23.0	86.3	0.0	0.0	0.0	3.3
16	18.5	28.6	22.6	86.0	0.0	0.0	0.0	2.8
17	19.3	26.7	22.2	89.3	.9	5.6	6.5	.3
18	16.0	28.6	22.5	85.7	0.0	78.8	78.8	4.6
19	17.0	28.2	21.6	86.7	0.0	0.0	0.0	4.0
20	18.1	29.5	22.2	84.3	2.2	19.9	22.1	4.3
21	17.8	25.8	21.7	88.3	0.0	1.3	1.3	1.0
22	17.6	26.2	21.3	87.3	3.0	0.0	3.0	.8
23	16.0	27.6	21.9	87.7	0.0	1.0	1.0	2.5
24	16.2	27.0	21.2	90.0	0.0	26.7	26.7	4.1
25	15.0	20.4	17.7	97.7	51.1	1.2	52.3	0.0
26	14.6	26.5	19.4	85.7	0.0	0.0	0.0	5.1
27	16.0	27.6	21.2	85.0	.2	35.9	36.1	4.0
28	13.3	25.5	18.8	85.7	0.0	0.0	0.0	3.5
29	16.0	29.8	21.3	77.0	0.0	6.4	6.4	5.7
30	17.0	27.0	21.3	85.7	1.3	0.0	1.3	2.7
31	15.7	22.7	19.2	95.0	.6	0.0	.6	.4
Total :					60.4	210.2	270.6	131.6
Promedio :	16.8	28.3	21.8	85.6				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	29.0	22.5	84.3	.1	20.8	20.9	5.6
2	17.2	26.8	21.0	92.7	2.7	0.0	2.7	4.5
3	18.3	26.1	20.6	86.7	2.5	2.8	5.3	3.4
4	17.0	23.5	19.8	94.3	1.5	.9	2.4	.4
5	15.5	27.7	20.4	83.3	9.4	8.8	18.2	3.9
6	16.0	24.9	20.7	86.7	0.0	14.0	14.0	1.5
7	15.6	23.6	18.8	91.7	0.0	0.0	0.0	1.2
8	16.3	28.7	20.9	86.0	0.0	10.9	10.9	4.9
9	17.0	27.0	20.7	87.7	.3	0.0	.3	2.5
10	14.7	27.5	20.9	85.7	0.0	22.1	22.1	4.6
11	16.6	29.4	21.7	85.7	0.0	6.7	6.7	5.6
12	17.4	28.7	21.8	85.7	0.0	.3	.3	7.0
13	17.0	27.0	21.6	87.3	.5	0.0	.5	2.4
14	16.0	28.9	20.8	82.7	14.8	0.0	14.8	7.4
15	15.8	28.2	22.1	85.3	0.0	0.0	0.0	7.2
16	15.4	31.0	21.6	82.7	0.0	2.2	2.2	6.3
17	17.5	28.0	21.8	86.0	0.0	3.5	3.5	3.5
18	17.3	28.2	21.7	89.0	0.0	0.0	0.0	5.8
19	15.2	31.7	22.4	78.3	0.0	0.0	0.0	9.5
20	16.5	27.2	21.9	86.7	0.0	0.0	0.0	1.8
21	15.4	29.6	22.9	79.3	0.0	0.0	0.0	5.7
22	16.2	28.3	22.4	84.7	0.0	0.0	0.0	4.5
23	16.0	29.2	22.3	77.7	0.0	0.0	0.0	5.8
24	15.5	28.7	21.4	87.3	0.0	0.0	0.0	4.3
25	15.8	30.0	22.0	80.0	0.0	0.0	0.0	6.2
26	15.0	29.8	22.2	78.0	0.0	0.0	0.0	5.4
27	16.2	30.8	23.0	78.3	0.0	0.0	0.0	6.0
28	17.0	30.5	24.0	79.0	0.0	1.3	1.3	5.3
29	18.5	29.7	23.2	87.0	0.0	11.7	11.7	3.0
30	18.0	32.6	24.0	74.7	0.0	0.0	0.0	9.3
31								
Total :					31.8	106.0	137.8	144.5
Promedio :	16.4	28.4	21.7	84.5				

Estación : EL ALGARROBO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	30.1	22.6	78.3	0.0	0.0	0.0	6.8
2	15.0	29.3	22.3	84.3	0.0	0.0	0.0	4.7
3	16.0	31.5	23.5	76.0	0.0	18.0	18.0	7.4
4	18.8	31.3	23.3	80.3	0.0	0.0	0.0	7.8
5	17.9	26.4	19.8	94.7	33.0	12.0	45.0	2.9
6	16.8	22.5	19.8	94.0	1.0	0.0	1.0	0.0
7	15.0	30.8	21.8	83.0	0.0	0.0	0.0	8.5
8	17.0	30.9	23.2	77.0	0.0	0.0	0.0	7.0
9	16.5	31.0	22.7	82.7	0.0	0.0	0.0	8.1
10	18.8	29.0	22.4	84.3	2.0	0.0	2.0	2.6
11	16.4	28.6	21.8	83.7	0.0	4.0	4.0	4.0
12	18.0	31.7	22.8	80.0	0.0	0.0	0.0	8.1
13	16.0	33.1	22.9	72.7	0.0	0.0	0.0	8.8
14	15.5	30.9	22.8	76.0	0.0	0.0	0.0	5.5
15	17.5	29.5	22.5	80.0	0.0	0.0	0.0	5.5
16	17.3	30.0	23.1	81.3	0.0	29.0	29.0	5.9
17	17.2	29.2	22.6	81.3	0.0	25.0	25.0	5.8
18	18.0	26.7	21.4	86.7	1.0	0.0	1.0	2.6
19	16.0	28.7	21.9	81.0	0.0	0.0	0.0	4.2
20	18.0	28.5	21.5	87.0	0.0	1.0	1.0	3.7
21	17.7	27.9	21.5	85.3	0.0	0.0	0.0	4.5
22	17.8	29.4	21.8	82.3	0.0	0.0	0.0	7.1
23	17.0	28.6	22.0	85.7	0.0	0.0	0.0	6.6
24	17.1	29.9	22.5	80.0	0.0	2.0	2.0	9.0
25	15.3	26.5	20.3	86.3	0.0	0.0	0.0	3.7
26	13.5	32.2	22.1	75.0	0.0	0.0	0.0	9.9
27	14.5	30.8	21.2	77.3	0.0	0.0	0.0	8.7
28	16.5	29.4	21.8	78.3	0.0	0.0	0.0	5.6
29	16.0	31.0	22.8	75.0	0.0	0.0	0.0	8.9
30	13.2	32.5	20.9	74.0	0.0	2.0	2.0	9.0
31	16.7	27.9	20.4	82.3	0.0	0.0	0.0	4.6
Total :					37.0	93.0	130.0	187.5
Promedio :	16.6	29.5	22.0	81.5				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.2	31.5	22.0	73.3	0.0	0.0	0.0	9.2
2	15.1	31.1	22.3	74.7	0.0	0.0	0.0	5.3
3	15.5	27.7	20.0	82.7	0.0	0.0	0.0	3.5
4	13.9	30.8	21.2	77.3	0.0	0.0	0.0	9.0
5	17.0	30.5	22.1	78.0	0.0	0.0	0.0	8.9
6	13.6	31.6	21.9	72.7	0.0	0.0	0.0	8.8
7	15.0	29.6	22.2	78.7	0.0	0.0	0.0	5.0
8	16.0	31.3	22.0	77.3	2.1	13.9	16.0	6.4
9	16.2	28.8	20.9	85.3	0.0	0.0	0.0	4.0
10	15.8	29.2	22.3	77.3	0.0	0.0	0.0	6.0
11	14.8	29.3	21.3	76.7	0.0	0.0	0.0	5.2
12	13.5	31.8	21.8	72.7	0.0	0.0	0.0	9.0
13	14.8	30.8	22.8	76.3	0.0	0.0	0.0	7.0
14	15.8	32.2	22.7	75.3	0.0	0.0	0.0	7.4
15	16.0	32.7	23.8	71.3	0.0	0.0	0.0	7.4
16	16.2	33.9	23.8	70.7	0.0	0.0	0.0	7.2
17	14.0	32.7	22.6	71.0	0.0	0.0	0.0	6.7
18	14.3	31.0	22.0	73.0	0.0	0.0	0.0	6.2
19	15.0	28.7	21.2	83.3	0.0	0.0	0.0	3.5
20	16.2	31.3	23.0	69.0	0.0	0.0	0.0	7.0
21	17.0	33.0	23.8	72.3	0.0	0.0	0.0	9.3
22	16.2	31.8	23.8	72.7	0.0	.8	.8	6.1
23	17.0	30.8	21.2	81.0	5.0	0.0	5.0	5.1
24	14.8	31.7	23.2	68.7	0.0	0.0	0.0	8.6
25	17.0	31.7	24.0	72.3	0.0	0.0	0.0	9.1
26	19.0	29.7	22.2	79.3	2.5	10.9	13.4	3.1
27	18.0	24.8	20.8	83.7	.5	0.0	.5	.8
28	16.9	30.2	21.0	80.0	18.6	20.9	39.5	5.4
29	17.0	23.2	19.7	89.7	2.5	0.0	2.5	0.0
30	15.8	29.5	21.6	80.0	0.0	0.0	0.0	6.2
31	17.7	29.8	22.3	80.7	0.0	0.0	0.0	3.9
Total :					31.2	46.5	77.7	190.3
Promedio :	15.8	30.4	22.1	76.7				

Estación : EL ALGARROBO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.8	22.0	80.3	.5	6.4	6.9	4.1
2	18.4	26.0	21.0	83.7	.4	0.0	.4	4.1
3	16.3	28.8	21.6	80.0	0.0	5.6	5.6	5.3
4	16.8	30.2	22.6	77.7	0.0	0.0	0.0	9.9
5	16.0	30.0	21.7	77.0	0.0	0.0	0.0	4.9
6	15.9	31.5	23.2	77.7	0.0	0.0	0.0	7.8
7	17.2	32.1	23.0	73.7	0.0	0.0	0.0	7.4
8	15.7	32.8	23.4	72.7	0.0	0.0	0.0	8.4
9	16.7	29.7	22.0	77.3	0.0	0.0	0.0	2.6
10	17.0	27.8	21.7	81.7	0.0	0.0	0.0	2.9
11	18.0	28.5	21.7	79.7	0.0	0.0	0.0	4.2
12	14.2	31.1	22.6	76.3	0.0	0.0	0.0	7.6
13	15.0	31.8	23.5	71.3	0.0	0.0	0.0	8.1
14	17.3	28.8	22.1	82.3	.9	0.0	.9	4.4
15	17.0	31.7	22.6	77.0	0.0	0.0	0.0	6.2
16	17.3	29.2	21.6	79.3	0.0	3.1	3.1	3.0
17	17.5	25.2	20.7	85.7	0.0	0.0	0.0	1.2
18	17.0	23.4	19.8	91.7	15.7	4.1	19.8	0.0
19	16.5	27.8	20.5	82.0	0.0	0.0	0.0	2.6
20	15.7	29.0	21.8	76.3	0.0	0.0	0.0	5.2
21	17.0	31.0	23.6	71.7	0.0	0.0	0.0	7.7
22	15.1	30.4	22.2	74.0	0.0	0.0	0.0	8.4
23	16.7	29.6	22.6	75.0	0.0	0.0	0.0	5.2
24	16.0	29.8	22.6	77.7	.5	13.9	14.4	8.0
25	17.0	28.0	21.2	82.0	0.0	40.4	40.4	5.2
26	16.8	25.2	19.2	90.3	1.6	0.0	1.6	2.4
27	17.5	29.9	22.2	74.0	0.0	42.0	42.0	5.5
28	17.3	24.8	20.2	83.7	0.0	0.0	0.0	.5
29	16.8	30.0	22.2	74.3	0.0	0.0	0.0	7.2
30	17.5	30.5	22.2	71.0	0.0	0.0	0.0	9.0
31								
Total :					19.6	115.5	135.1	159.0
Promedio :	16.7	29.1	21.9	78.6				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	30.8	22.6	70.0	0.0	0.0	0.0	7.3
2	16.2	30.0	22.0	68.3	0.0	.5	.5	8.6
3	16.0	29.4	21.0	74.0	0.0	0.0	0.0	5.0
4	15.0	28.9	22.3	70.7	0.0	0.0	0.0	4.5
5	16.7	28.5	21.5	73.3	0.0	0.0	0.0	3.5
6	16.3	29.0	22.4	72.0	0.0	0.0	0.0	5.6
7	18.0	24.2	20.0	83.0	3.9	0.0	3.9	1.7
8	16.4	28.2	21.8	74.0	0.0	0.0	0.0	5.4
9	15.6	30.5	22.2	72.0	0.0	0.0	0.0	7.6
10	18.4	31.7	23.6	70.3	0.0	9.6	9.6	8.7
11	18.0	27.0	20.2	82.3	1.5	0.0	1.5	2.1
12	15.6	26.8	21.0	77.3	0.0	.2	.2	1.7
13	17.0	29.1	21.7	73.3	0.0	0.0	0.0	5.6
14	15.5	30.8	22.0	73.3	1.3	0.0	1.3	9.7
15	16.6	28.8	21.0	78.7	16.4	0.0	16.4	2.5
16	17.0	30.0	21.4	76.7	3.4	41.4	44.8	6.0
17	17.5	25.9	21.0	80.0	0.0	11.0	11.0	2.6
18	17.8	26.7	21.1	76.7	.3	0.0	.3	3.5
19	17.4	30.5	21.5	71.3	.7	0.0	.7	6.5
20	15.5	28.7	20.9	74.7	0.0	.4	.4	5.4
21	17.5	29.6	21.8	75.0	1.2	.3	1.5	5.2
22	18.0	24.0	20.3	87.7	.7	0.0	.7	1.2
23	17.0	27.4	22.3	70.0	0.0	20.3	20.3	2.1
24	17.4	25.2	20.1	80.3	2.8	1.3	4.1	2.8
25	17.0	28.7	21.9	75.7	0.0	2.0	2.0	6.1
26	18.5	25.3	20.6	88.7	2.3	14.8	17.1	1.8
27	16.4	25.2	20.3	84.3	0.0	0.0	0.0	4.2
28	17.4	27.5	20.5	77.3	4.7	1.9	6.6	4.8
29	16.5	27.3	19.9	81.0	20.4	44.2	64.6	3.0
30	17.0	24.0	18.6	83.0	.3	0.0	.3	1.3
31	16.0	27.8	21.2	78.0	0.0	7.0	7.0	7.4
Total :					59.9	154.9	214.8	143.4
Promedio :	16.9	28.0	21.2	76.5				

Estación : EL ALGARROBO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.3	27.7	20.8	78.0	20.0	7.2	27.2	5.1
2	18.5	25.7	20.6	80.7	4.4	5.3	9.7	2.2
3	18.2	24.1	19.6	87.3	1.2	0.0	1.2	.6
4	14.5	28.0	20.0	80.0	.2	7.9	8.1	8.4
5	17.0	27.0	20.4	78.7	1.8	37.2	39.0	6.5
6	15.7	26.7	20.0	79.3	9.1	.2	9.3	5.2
7	17.4	25.7	20.9	79.0	.2	36.9	37.1	1.4
8	16.6	24.3	20.1	82.0	.6	0.0	.6	1.2
9	17.0	28.2	20.8	76.7	0.0	1.8	1.8	4.9
10	15.4	26.5	21.0	75.3	0.0	0.0	0.0	5.8
11	15.7	28.5	21.8	75.0	0.0	0.0	0.0	5.0
12	16.0	27.5	21.0	78.0	0.0	0.0	0.0	3.1
13	17.6	26.8	21.5	80.7	11.8	24.3	36.1	3.2
14	18.2	27.8	21.7	79.3	0.0	1.2	1.2	3.7
15	18.1	27.5	21.7	79.0	0.0	0.0	0.0	3.7
16	17.6	30.4	22.6	73.3	0.0	.2	.2	6.5
17	16.8	26.7	20.7	84.0	0.0	0.0	0.0	1.7
18	16.9	28.5	21.8	74.0	0.0	.1	.1	7.8
19	18.1	28.0	21.5	74.0	0.0	0.0	0.0	4.9
20	16.0	30.0	22.0	71.7	0.0	0.0	0.0	7.7
21	18.0	29.5	22.5	72.3	1.6	0.0	1.6	7.2
22	17.5	30.5	22.0	75.0	0.0	0.0	0.0	7.9
23	16.5	30.1	21.4	75.7	0.0	0.0	0.0	9.0
24	17.2	29.4	22.1	72.0	0.0	0.0	0.0	5.7
25	16.5	31.5	22.6	72.7	0.0	0.0	0.0	9.0
26	17.6	30.0	22.0	75.7	0.0	0.0	0.0	6.1
27	16.0	29.8	23.3	74.0	0.0	1.7	1.7	8.5
28	18.8	31.2	22.6	75.0	0.0	0.0	0.0	6.6
29	18.3	26.7	21.3	78.3	1.1	0.0	1.1	1.7
30	16.5	29.8	21.6	75.7	0.0	.3	.3	7.3
31								
Total :					52.0	124.3	176.3	157.6
Promedio :	17.1	28.1	21.4	77.1				

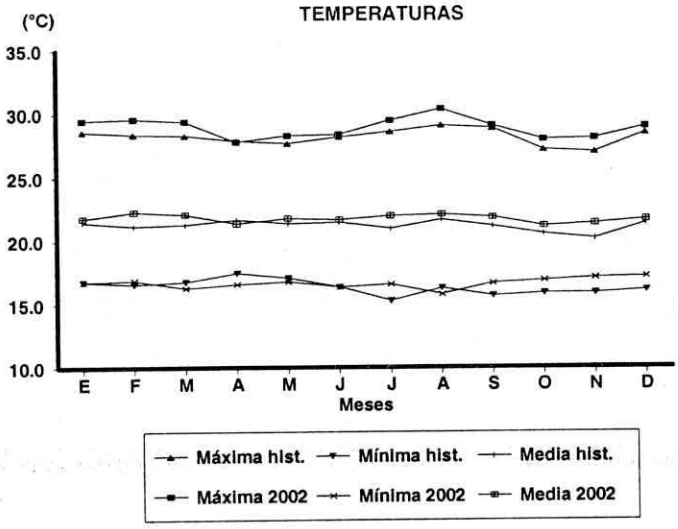
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	31.2	22.2	76.3	0.0	0.0	0.0	8.4
2	16.5	31.8	22.6	73.0	0.0	0.0	0.0	8.9
3	17.1	28.5	21.3	80.3	0.0	0.0	0.0	3.5
4	15.5	28.1	20.7	79.3	0.0	0.0	0.0	2.4
5	16.2	26.6	21.0	80.3	0.0	0.0	0.0	2.3
6	18.4	29.3	21.7	80.3	0.0	0.0	0.0	3.8
7	16.0	29.9	21.4	78.7	0.0	0.0	0.0	6.8
8	17.7	25.9	20.2	87.3	0.0	0.0	0.0	
9	18.4	29.8	21.7	80.3	0.0	0.0	0.0	7.7
10	17.0	31.0	23.1	77.0	0.0	3.5	3.5	9.2
11	18.7	28.8	22.2	81.0	0.0	0.0	0.0	3.9
12	18.0	31.0	22.5	78.0	0.0	0.0	0.0	7.5
13	18.4	31.1	23.8	80.0	0.0	.2	.2	7.2
14	18.5	26.3	21.4	88.3	5.5	13.0	18.5	.1
15	18.0	20.5	19.1	95.3	27.6	4.1	31.7	0.0
16	17.1	25.5	20.2	85.3	2.1	13.7	15.8	1.6
17	17.4	24.9	20.4	86.7	2.4	5.1	7.5	.8
18	17.0	27.2	21.2	82.0	.3	0.0	.3	1.2
19	16.0	29.9	21.8	79.3	0.0	0.0	0.0	5.0
20	16.1	29.2	21.0	81.0	19.7	0.0	19.7	2.8
21	17.0	29.1	21.8	79.7	0.0	0.0	0.0	6.2
22	16.8	31.0	22.2	80.0	0.0	0.0	0.0	8.3
23	16.7	30.9	21.8	77.7	0.0	0.0	0.0	8.5
24	16.5	29.0	22.0	79.0	0.0	0.0	0.0	3.9
25	16.2	31.0	21.9	76.7	0.0	0.0	0.0	6.8
26	15.7	30.9	21.6	78.7	0.0	0.0	0.0	8.7
27	17.0	29.9	22.0	79.3	0.0	0.0	0.0	7.5
28	16.5	30.7	22.4	76.0	0.0	0.0	0.0	8.4
29	18.4	30.1	22.8	77.3	0.0	0.0	0.0	7.5
30	17.7	30.6	22.8	79.7	0.0	0.0	0.0	6.6
31	18.3	30.4	22.6	79.0	0.0	0.0	0.0	5.4
Total :					57.6	39.6	97.2	160.9
Promedio :	17.2	29.0	21.7	80.4				

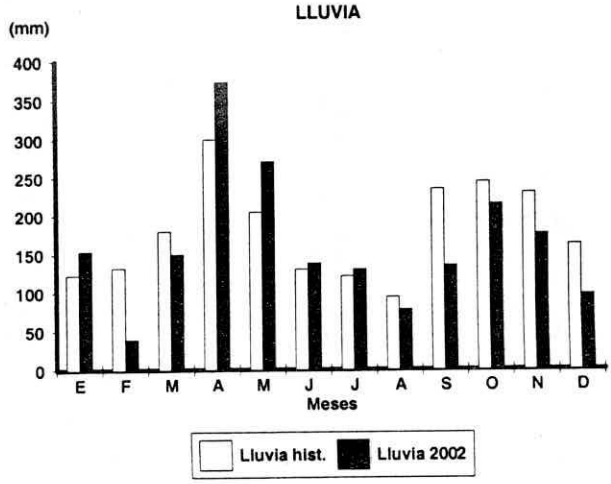
Estación : EL ALGARROBO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.8	29.5	21.8	32.7	14.3	70.0	153.6	11	197.1
Febrero	16.9	29.6	22.3	31.7	14.3	75.5	38.8	4	160.9
Marzo	16.3	29.4	22.1	33.5	14.0	80.0	149.7	16	158.2
Abril	16.6	27.8	21.4	31.5	14.5	85.8	372.9	21	120.5
Mayo	16.8	28.3	21.8	31.8	13.3	85.6	270.6	17	131.6
Junio	16.4	28.4	21.7	32.6	14.7	84.5	137.8	17	144.5
Julio	16.6	29.5	22.0	33.1	13.2	81.5	130.0	11	187.5
Agosto	15.8	30.4	22.1	33.9	13.2	76.7	77.7	7	190.3
Septiembre	16.7	29.1	21.9	32.8	14.2	78.6	135.1	10	159.0
Octubre	16.9	28.0	21.2	31.7	15.0	76.5	214.8	22	143.4
Noviembre	17.1	28.1	21.4	31.5	14.5	77.1	176.3	17	157.6
Diciembre	17.2	29.0	21.7	31.8	15.5	80.4	97.2	8	160.9
Promedio :	16.7	28.9	21.8			79.3			
Absoluta :				33.9	13.2				
Total :							1954.5	161	1911.5





Estación : AGRONOMIA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.5	24.5	17.6	73.3	0.0	0.0	0.0	5.9
2	12.0	24.0	17.1	64.0	0.0	0.0	0.0	6.7
3	13.0	22.5	17.6	77.3	0.0	.1	.1	6.3
4	12.5	23.4	17.4	64.0	0.0	0.0	0.0	3.5
5	11.7	22.9	17.0	70.0	0.0	0.0	0.0	7.4
6	13.5	23.1	17.5	71.0	0.0	23.1	23.1	4.0
7	13.3	21.2	16.2	81.7	36.7	11.9	48.6	3.5
8	12.5	21.4	16.8	73.7	0.0	14.3	14.3	6.1
9	13.4	21.5	16.7	85.0	1.7	0.0	1.7	5.6
10	12.8	23.5	17.1	74.3	1.2	0.0	1.2	6.6
11	12.5	23.6	17.0	80.0	0.0	0.0	0.0	8.4
12	12.9	23.0	18.2	74.7	0.0	20.2	20.2	5.5
13	13.7	21.0	16.4	88.7	.8	30.9	31.7	2.6
14	13.5	18.9	16.0	82.3	3.8	0.0	3.8	1.1
15	12.0	23.5	17.5	71.0	0.0	0.0	0.0	8.1
16	14.0	23.0	17.9	69.3	0.0	0.0	0.0	7.7
17	13.5	23.8	17.7	70.3	0.0	0.0	0.0	7.5
18	12.5	25.0	17.2	69.0	0.0	0.0	0.0	5.1
19	12.3	23.5	17.9	68.0	0.0	0.0	0.0	8.3
20	12.0	22.0	16.8	77.0	0.0	0.0	0.0	4.5
21	12.5	22.2	16.2	76.3	6.0	0.0	6.0	3.6
22	13.0	23.5	17.6	72.0	0.0	0.0	0.0	4.3
23	12.5	24.0	17.6	66.0	0.0	0.0	0.0	6.2
24	14.2	22.0	17.3	76.0	0.0	0.0	0.0	3.0
25	14.0	23.0	18.0	78.7	0.0	0.0	0.0	3.4
26	13.3	23.2	17.9	67.7	0.0	0.0	0.0	4.0
27	13.4	24.7	18.0	68.7	.4	0.0	.4	5.9
28	13.5	25.5	19.7	59.3	0.0	0.0	0.0	8.3
29	13.5	24.5	18.3	69.7	.5	0.0	.5	5.4
30	14.5	21.0	17.3	87.3	.2	0.0	.2	.2
31	12.5	20.3	17.2	81.7	0.0	0.0	0.0	.1
Total :					51.3	100.5	151.8	158.8
Promedio :	13.0	22.9	17.4	73.8				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	23.2	18.2	70.7	0.0	0.0	0.0	4.4
2	14.0	24.8	19.5	65.0	0.0	13.5	13.5	6.2
3	14.5	21.0	16.9	91.7	1.1	0.0	1.1	.6
4	14.0	20.5	16.4	79.7	0.0	0.0	0.0	.1
5	12.5	24.5	17.7	66.3	0.0	.1	.1	7.9
6	13.0	24.2	17.8	67.7	0.0	0.0	0.0	8.4
7	13.2	22.7	17.6	65.0	0.0	14.7	14.7	5.1
8	13.5	19.0	16.0	85.3	0.0	.5	.5	0.0
9	13.6	19.8	16.4	82.3	1.3	0.0	1.3	1.6
10	12.4	22.8	17.6	68.0	0.0	0.0	0.0	5.1
11	13.5	22.0	17.0	78.3	7.1	0.0	7.1	3.7
12	14.0	22.1	16.7	76.0	3.7	0.0	3.7	2.3
13	13.2	24.5	17.6	73.3	3.2	0.0	3.2	8.5
14	14.5	24.8	18.4	70.0	0.0	0.0	0.0	6.7
15	12.5	24.5	18.5	68.7	0.0	0.0	0.0	8.1
16	14.0	24.8	18.5	69.7	0.0	0.0	0.0	5.5
17	15.0	25.2	20.0	60.3	0.0	0.0	0.0	8.6
18	13.5	26.5	19.6	66.3	0.0	5.4	5.4	8.0
19	14.8	22.2	18.2	79.3	0.0	0.0	0.0	2.7
20	13.0	25.5	18.3	68.0	0.0	0.0	0.0	8.5
21	13.5	22.7	18.2	74.3	0.0	0.0	0.0	3.3
22	15.0	21.5	17.5	76.0	0.0	0.0	0.0	.9
23	14.0	25.0	18.8	67.7	0.0	0.0	0.0	6.3
24	13.5	26.8	19.4	59.3	0.0	0.0	0.0	7.9
25	15.0	25.0	19.2	68.0	0.0	0.0	0.0	5.2
26	14.3	22.5	16.8	76.0	8.1	0.0	8.1	2.4
27	14.0	21.5	17.1	79.0	0.0	.6	.6	1.5
28	14.5	23.5	17.4	72.0	0.0	0.0	0.0	5.3
29								
30								
31								
Total :					24.5	34.8	59.3	134.8
Promedio :	13.8	23.3	17.9	72.3				

Estación : AGRONOMIA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.7	25.2	19.3	61.7	0.0	0.0	0.0	9.5
2	14.2	26.0	19.4	69.3	.1	0.0	.1	7.6
3	14.0	26.5	19.9	64.3	0.0	0.0	0.0	7.9
4	13.7	26.0	19.0	70.0	0.0	0.0	0.0	4.9
5	13.8	24.7	17.5	73.3	5.5	0.0	5.5	4.0
6	13.2	21.5	16.8	77.3	6.9	0.0	6.9	3.4
7	13.8	23.3	17.5	68.0	.5	0.0	.5	2.9
8	13.8	25.3	19.2	67.0	0.0	0.0	0.0	6.5
9	14.5	23.4	18.0	70.0	0.0	0.0	0.0	2.7
10	12.5	24.7	17.7	68.7	2.3	0.0	2.3	5.6
11	13.0	24.2	17.1	77.7	4.0	16.6	20.6	6.2
12	14.5	21.5	17.7	79.3	.5	0.0	.5	7.2
13	13.6	24.8	18.7	70.7	12.5	0.0	12.5	5.8
14	14.5	22.5	16.8	82.3	1.1	.5	1.6	1.5
15	14.9	20.2	16.9	84.3	5.8	0.0	5.8	.9
16	13.5	22.4	17.8	77.3	0.0	2.5	2.5	3.8
17	15.0	19.8	16.5	88.7	0.0	0.0	0.0	.2
18	14.5	24.0	18.6	68.0	0.0	1.6	1.6	4.1
19	15.0	18.5	15.6	91.7	8.5	0.0	8.5	0.0
20	13.5	20.6	17.2	74.0	0.0	1.5	1.5	1.2
21	14.5	18.5	15.8	86.3	4.1	0.0	4.1	0.0
22	13.9	22.5	17.5	76.3	.3	0.0	.3	4.2
23	13.5	20.5	17.3	79.3	2.5	0.0	2.5	1.7
24	12.5	22.8	18.1	78.0	.9	.9	1.8	2.2
25	14.2	24.8	18.6	70.7	0.0	0.0	0.0	3.8
26	14.2	23.6	18.2	73.7	29.0	0.0	29.0	7.8
27	14.0	23.9	16.5	78.0	25.9	0.0	25.9	4.1
28	12.6	24.0	16.5	75.7	0.0	0.0	0.0	5.2
29	13.2	22.5	17.3	76.7	0.0	0.0	0.0	4.0
30	12.9	25.0	19.4	64.0	0.0	0.0	0.0	9.4
31	13.8	24.8	19.7	68.7	2.4	0.0	2.4	5.9
Total :					112.8	23.6	136.4	134.2
Promedio :	13.8	23.2	17.8	74.5				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	22.5	18.2	81.3	6.8	8.7	15.5	2.5
2	13.7	19.8	16.3	91.7	2.9	0.0	2.9	0.0
3	14.5	24.4	17.6	79.3	5.5	2.9	8.4	4.2
4	15.0	22.5	18.1	77.3	0.0	0.0	0.0	3.3
5	14.9	22.8	16.6	87.0	2.3	0.0	2.3	3.3
6	13.8	24.8	17.2	76.3	11.8	3.2	15.0	4.1
7	14.2	17.9	15.2	92.7	13.9	.5	14.4	.5
8	13.5	20.0	16.4	88.3	1.0	20.3	21.3	1.6
9	12.9	17.8	15.3	82.3	1.0	1.8	2.8	0.0
10	12.5	22.0	16.1	77.7	5.6	0.0	5.6	3.0
11	13.5	21.5	15.8	81.7	12.0	13.0	25.0	2.3
12	12.5	22.2	16.4	80.7	0.0	21.5	21.5	3.3
13	13.7	21.4	16.2	76.3	0.0	0.0	0.0	3.5
14	13.2	22.3	17.0	69.7	1.8	0.0	1.8	3.9
15	13.5	23.0	17.0	75.3	6.9	7.3	14.2	6.0
16	12.7	23.5	17.6	75.7	14.3	0.0	14.3	6.3
17	14.6	22.5	17.3	79.7	.7	0.0	.7	2.8
18	13.5	18.0	15.0	92.7	29.3	0.0	29.3	0.0
19	11.5	20.9	16.3	83.3	1.1	3.6	4.7	2.9
20	14.5	21.3	17.7	80.0	8.7	3.0	11.7	2.9
21	14.8	23.3	17.5	82.0	1.6	0.0	1.6	2.4
22	13.4	23.9	19.0	72.3	0.0	.2	.2	7.6
23	14.5	24.5	18.2	78.3	.5	0.0	.5	4.1
24	15.0	20.5	17.0	88.0	3.0	66.2	69.2	.2
25	13.2	16.8	15.1	94.0	8.6	8.8	17.4	0.0
26	14.0	19.4	15.6	94.3	2.3	3.3	5.6	.4
27	14.4	20.6	16.4	86.0	8.8	0.0	8.8	2.2
28	12.6	22.9	17.2	79.7	1.7	13.9	15.6	3.8
29	13.6	23.5	17.4	80.0	.4	.4	.8	6.1
30	14.2	19.6	16.0	85.0	1.8	.3	2.1	.2
31								
Total :					154.3	178.9	333.2	83.4
Promedio :	13.8	21.5	16.8	82.3				

Estación : AGRONOMIA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.4	23.8	18.4	69.7	0.0	0.0	0.0	7.2
2	14.5	24.5	17.2	83.0	21.9	0.0	21.9	5.3
3	14.8	23.0	17.6	79.0	2.2	1.1	3.3	6.1
4	13.9	24.5	19.6	60.7	.1	0.0	.1	9.3
5	14.3	25.6	20.1	69.3	0.0	0.0	0.0	4.8
6	14.5	25.2	19.8	65.7	0.0	0.0	0.0	7.1
7	15.0	24.0	19.4	71.0	0.0	30.4	30.4	5.8
8	14.8	22.5	18.1	82.0	0.0	0.0	0.0	1.0
9	13.6	26.0	19.4	73.3	0.0	0.0	0.0	8.0
10	14.5	24.4	19.0	73.7	10.3	0.0	10.3	3.7
11	15.5	24.0	18.8	79.7	0.0	0.0	0.0	2.0
12	14.5	24.5	18.8	60.7	0.0	0.0	0.0	5.1
13	16.0	23.5	19.4	66.7	0.0	0.0	0.0	1.4
14	14.5	25.5	19.6	70.0	0.0	0.0	0.0	5.4
15	15.8	25.0	19.6	72.0	0.0	.1	.1	3.7
16	15.5	23.0	19.0	80.7	0.0	0.0	0.0	2.5
17	16.0	21.5	17.8	88.7	9.6	7.6	17.2	.7
18	14.0	23.5	18.2	84.0	1.1	38.0	39.1	4.2
19	13.5	22.5	17.8	82.0	.5	0.0	.5	3.0
20	14.2	24.2	18.0	73.3	3.2	3.4	6.6	4.4
21	14.5	21.4	17.0	86.0	1.1	0.0	1.1	1.5
22	14.4	19.6	16.6	86.0	6.9	0.0	6.9	.3
23	13.5	22.8	17.4	79.3	3.3	2.0	5.3	2.5
24	14.0	24.3	17.4	70.3	0.0	5.9	5.9	4.7
25	11.5	16.6	14.8	94.7	25.2	4.4	29.6	0.0
26	11.8	20.8	15.6	85.7	0.0	.1	.1	4.1
27	13.5	21.6	16.5	81.7	3.2	24.9	28.1	2.6
28	10.2	21.0	14.8	83.3	.7	.3	1.0	2.9
29	12.7	22.0	16.8	60.3	0.0	2.1	2.1	3.1
30	13.5	20.4	16.0	84.3	3.7	.3	4.0	.8
31	13.0	18.0	15.5	91.3	.6	0.0	.6	.2
Total :					93.6	120.6	214.2	113.4
Promedio :	14.0	22.9	17.9	77.0				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.9	22.4	18.0	76.7	.5	13.4	13.9	5.2
2	14.0	23.8	17.4	76.7	6.8	1.9	8.7	6.0
3	13.9	22.2	17.0	79.7	4.9	0.0	4.9	3.4
4	14.0	18.0	15.5	88.7	4.0	1.5	5.5	.8
5	13.5	18.0	15.8	90.3	2.8	13.6	16.4	1.3
6	13.2	19.0	15.8	81.7	3.8	17.2	21.0	.6
7	12.0	20.5	16.2	82.0	0.0	0.0	0.0	1.5
8	13.2	22.8	17.1	76.0	.5	14.9	15.4	5.3
9	12.6	20.0	16.0	82.3	.3	0.0	.3	2.0
10	13.2	21.4	16.6	88.0	3.9	12.6	16.5	4.7
11	13.7	22.8	17.4	77.0	.7	.4	1.1	3.8
12	14.0	23.5	17.6	72.7	0.0	.6	.6	5.9
13	14.4	19.0	16.3	84.7	1.0	0.0	1.0	1.1
14	13.5	22.0	17.4	78.7	0.0	0.0	0.0	5.8
15	13.5	22.6	17.8	75.3	0.0	0.0	0.0	6.1
16	13.0	24.1	17.9	69.7	0.0	0.0	0.0	4.9
17	14.6	21.0	17.4	83.7	1.6	.1	1.7	1.5
18	14.8	23.0	17.5	76.0	0.0	0.0	0.0	4.2
19	14.3	25.5	19.8	63.0	0.0	0.0	0.0	11.1
20	14.0	23.0	18.1	65.7	0.0	0.0	0.0	1.8
21	14.5	22.6	18.8	65.0	0.0	0.0	0.0	4.9
22	14.4	22.6	18.8	68.7	0.0	0.0	0.0	2.4
23	12.8	22.8	17.8	64.0	.1	0.0	.1	4.5
24	12.7	23.5	18.1	67.7	0.0	0.0	0.0	5.3
25	14.5	21.7	17.4	78.3	.7	0.0	.7	3.0
26	13.3	24.8	18.6	67.0	0.0	0.0	0.0	7.0
27	14.5	24.5	18.8	68.7	0.0	0.0	0.0	4.6
28	15.0	22.3	19.1	76.0	0.0	0.0	0.0	1.4
29	13.9	24.6	18.5	76.7	0.0	1.7	1.7	3.7
30	14.6	26.5	19.4	59.7	0.0	0.0	0.0	10.3
31								
Total :					31.6	77.9	109.5	124.1
Promedio :	13.8	22.4	17.6	75.3				

Estación : AGRONOMIA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	23.6	19.4	62.7	0.0	0.0	0.0	5.5
2	14.8	23.5	19.2	62.7	0.0	0.0	0.0	5.5
3	15.0	26.5	20.0	66.7	0.0	0.0	0.0	7.7
4	16.5	25.0	20.1	76.3	0.0	.9	.9	6.4
5	14.0	20.9	16.4	88.3	12.1	14.9	27.0	2.1
6	12.8	18.7	15.8	86.7	0.0	0.0	0.0	.2
7	12.5	22.3	17.9	76.7	.9	0.0	.9	4.6
8	13.5	25.0	18.3	74.0	0.0	0.0	0.0	6.2
9	14.0	25.2	18.6	73.7	0.0	0.0	0.0	8.6
10	14.8	22.4	18.0	79.3	1.8	0.0	1.8	.5
11	14.2	22.0	17.4	80.7	.5	0.0	.5	2.0
12	14.0	24.5	19.4	63.3	0.0	0.0	0.0	9.8
13	14.2	26.0	19.8	57.7	0.0	0.0	0.0	9.1
14	13.6	25.2	19.1	63.3	0.0	0.0	0.0	7.7
15	14.0	23.0	18.2	70.3	.3	0.0	.3	4.9
16	14.5	24.3	18.3	73.7	.1	.9	1.0	3.5
17	14.7	23.6	18.3	77.7	.6	11.7	12.3	5.3
18	14.2	19.7	16.6	87.7	2.6	0.0	2.6	1.8
19	13.5	21.5	17.4	75.7	.2	.4	.6	3.9
20	13.7	23.4	16.6	80.3	0.0	1.7	1.7	2.4
21	14.0	22.5	17.0	81.7	.3	0.0	.3	3.9
22	12.6	24.3	17.4	72.3	0.0	0.0	0.0	7.3
23	13.1	24.5	17.6	81.7	.2	.2	.4	7.0
24	14.4	23.5	18.0	74.0	0.0	1.0	1.0	7.2
25	13.5	21.7	16.7	79.7	1.1	0.0	1.1	2.9
26	12.8	25.3	19.7	50.0	0.0	0.0	0.0	10.2
27	13.0	23.9	18.6	63.7	0.0	0.0	0.0	6.3
28	14.2	22.8	17.5	69.0	0.0	0.0	0.0	5.3
29	13.5	25.0	19.4	55.3	0.0	0.0	0.0	8.3
30	12.3	25.6	18.8	48.3	0.0	.1	.1	9.6
31	14.2	21.6	16.3	78.0	3.1	0.0	3.1	3.8
Total :					23.8	31.8	55.6	169.5
Promedio :	13.9	23.5	18.1	72.0				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.0	22.3	17.8	67.3	0.0	0.0	0.0	5.7
2	13.4	25.1	18.0	64.3	0.0	0.0	0.0	8.1
3	13.1	22.5	17.8	65.0	.3	.1	.4	3.9
4	12.0	24.6	18.4	61.7	0.0	1.3	1.3	8.6
5	14.0	25.0	18.2	71.7	0.0	0.0	0.0	9.0
6	13.0	24.3	18.9	55.3	0.0	0.0	0.0	7.2
7	13.5	23.5	18.6	67.0	0.0	0.0	0.0	2.9
8	14.5	24.5	18.8	65.0	0.0	.5	.5	5.0
9	14.4	23.0	16.9	78.0	.8	0.0	.8	4.1
10	13.8	22.0	19.0	63.3	0.0	0.0	0.0	4.0
11	13.0	22.8	18.8	56.7	.2	0.0	.2	5.6
12	12.8	26.1	19.1	54.7	0.0	0.0	0.0	10.5
13	14.0	23.2	18.6	64.7	0.0	0.0	0.0	5.8
14	14.7	26.8	19.8	61.7	0.0	0.0	0.0	8.4
15	14.7	26.9	20.8	52.0	0.0	0.0	0.0	8.1
16	15.0	25.5	20.0	53.0	0.0	0.0	0.0	4.8
17	13.5	24.7	19.4	48.7	0.0	0.0	0.0	5.2
18	13.6	25.5	18.8	55.0	0.0	0.0	0.0	5.2
19	13.4	23.0	17.6	73.0	0.0	0.0	0.0	3.4
20	14.0	25.4	19.6	69.0	0.0	1.8	1.8	4.1
21	14.3	27.0	19.9	62.7	0.0	0.0	0.0	9.6
22	15.1	26.5	20.1	60.0	0.0	0.0	0.0	7.0
23	15.0	23.9	17.3	76.0	5.6	0.0	5.6	2.9
24	13.0	26.2	19.3	66.0	0.0	0.0	0.0	9.5
25	15.0	26.5	19.9	70.0	0.0	1.8	1.8	8.9
26	14.7	21.0	17.1	80.0	1.3	6.1	7.4	1.3
27	14.5	20.9	16.6	88.7	.6	0.0	.6	.7
28	14.4	22.3	17.0	80.3	14.3	8.4	22.7	2.9
29	14.0	18.5	15.7	88.0	.1	.2	.3	0.0
30	12.4	23.0	17.4	72.0	0.0	0.0	0.0	5.5
31	13.5	23.4	17.7	77.0	0.0	0.0	0.0	3.9
Total :					23.2	20.2	43.4	171.8
Promedio :	13.8	24.1	18.5	66.7				

Estación : AGRONOMIA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	22.3	17.6	82.3	3.7	4.4	8.1	3.6
2	14.6	20.5	16.4	86.3	2.9	0.0	2.9	1.9
3	13.8	23.5	18.0	71.3	0.0	3.3	3.3	5.2
4	14.0	26.1	18.9	63.3	0.0	0.0	0.0	10.3
5	14.5	24.3	18.4	66.7	0.0	0.0	0.0	4.6
6	14.4	24.5	19.2	67.3	0.0	0.0	0.0	6.1
7	14.8	24.8	19.0	60.0	0.0	0.0	0.0	6.7
8	14.0	26.2	19.1	57.7	0.0	0.0	0.0	8.8
9	13.9	22.8	18.0	69.7	0.0	0.0	0.0	3.3
10	13.8	22.7	17.0	74.3	0.0	0.0	0.0	2.4
11	14.6	23.0	17.0	77.3	3.0	0.0	3.0	2.7
12	12.6	25.0	18.4	72.0	0.0	0.0	0.0	8.5
13	13.7	26.2	19.8	61.7	.8	0.0	.8	8.3
14	15.0	21.5	17.9	82.3	0.0	0.0	0.0	2.5
15	13.8	24.2	18.2	70.7	0.0	0.0	0.0	6.4
16	15.0	21.8	18.3	75.3	0.0	0.0	0.0	.7
17	14.3	20.9	17.2	78.3	0.0	0.0	0.0	.7
18	14.0	18.5	15.7	86.0	1.3	1.6	2.9	.3
19	13.7	22.6	16.6	80.7	.2	0.0	.2	1.9
20	13.5	23.5	18.4	72.7	0.0	0.0	0.0	4.7
21	14.2	26.0	19.0	62.3	0.0	0.0	0.0	7.0
22	13.5	25.0	18.9	62.7	0.0	0.0	0.0	5.9
23	14.0	23.5	17.6	74.3	0.0	0.0	0.0	3.7
24	13.4	24.0	18.4	71.0	0.0	18.0	18.0	5.2
25	14.5	22.8	17.5	77.7	0.0	27.4	27.4	4.8
26	13.4	20.2	16.5	83.0	.9	.1	1.0	2.6
27	14.0	23.5	18.0	72.7	.7	17.3	18.0	3.1
28	13.4	19.1	16.0	88.0	.5	0.0	.5	.3
29	12.6	24.2	18.5	68.3	0.0	0.0	0.0	8.5
30	13.0	25.0	18.6	65.0	0.0	0.0	0.0	8.6
31								
Total :					14.0	72.1	86.1	139.3
Promedio :	14.0	23.3	17.9	72.7				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	24.5	19.2	66.7	0.0	0.0	0.0	5.4
2	14.0	24.7	18.6	63.0	0.0	0.0	0.0	8.8
3	13.2	25.0	18.5	57.3	0.0	0.0	0.0	5.8
4	13.5	24.0	18.9	67.3	0.0	0.0	0.0	5.0
5	13.8	24.1	17.7	65.7	0.0	0.0	0.0	4.3
6	14.1	24.8	17.7	71.3	0.0	.6	.6	6.2
7	14.5	21.2	16.0	91.0	6.4	0.0	6.4	2.1
8	13.5	23.0	16.5	79.0	2.9	0.0	2.9	3.9
9	13.9	22.5	17.4	78.3	3.5	0.0	3.5	4.8
10	14.2	24.9	18.9	70.0	0.0	15.4	15.4	6.5
11	13.3	20.0	15.8	84.3	4.3	0.0	4.3	.8
12	13.1	22.5	17.4	67.0	0.0	0.0	0.0	2.2
13	14.3	21.4	16.6	76.7	.6	0.0	.6	3.0
14	12.7	24.4	17.5	71.7	7.4	.1	7.5	8.1
15	14.3	23.0	17.0	84.3	9.1	0.0	9.1	2.6
16	13.4	22.6	18.2	74.3	0.0	5.9	5.9	4.1
17	14.0	19.5	16.1	87.3	1.0	0.0	1.0	1.0
18	14.1	20.0	16.0	85.3	2.5	0.0	2.5	.9
19	14.0	24.1	17.2	71.3	18.1	0.0	18.1	5.9
20	12.7	21.4	15.9	86.0	3.5	.7	4.2	4.0
21	13.0	21.5	16.6	83.3	8.0	.3	8.3	1.6
22	13.5	17.5	15.7	93.7	4.3	0.0	4.3	.1
23	13.4	20.1	16.6	80.3	.3	6.9	7.2	2.3
24	14.0	19.7	15.8	88.7	10.1	.3	10.4	2.4
25	13.5	23.0	17.6	80.0	2.5	3.0	5.5	6.2
26	14.3	19.6	16.1	93.0	10.9	11.3	22.2	.7
27	13.4	19.2	15.6	90.7	.3	0.0	.3	2.0
28	13.6	21.2	16.1	79.7	.1	0.0	.1	3.9
29	14.0	22.0	16.3	82.0	12.1	13.1	25.2	2.5
30	13.6	20.5	15.8	93.3	.2	0.0	.2	.8
31	12.6	20.6	17.2	78.3	.1	0.0	.1	6.3
Total :					108.2	57.6	165.8	114.2
Promedio :	13.7	22.0	17.0	78.7				

Estación : AGRONOMIA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.4	22.5	16.4	81.3	.9	7.5	8.4	6.3
2	14.2	20.6	16.1	87.3	4.6	0.0	4.6	.6
3	14.0	18.4	15.3	93.3	1.1	0.0	1.1	1.2
4	11.6	23.9	17.6	71.7	0.0	.9	.9	8.4
5	14.0	21.5	16.2	85.7	17.6	19.4	37.0	2.1
6	12.0	21.7	16.2	78.7	0.0	.9	.9	5.6
7	13.4	17.3	15.3	89.0	.5	17.2	17.7	0.0
8	13.5	18.9	15.2	87.7	2.3	1.5	3.8	1.2
9	13.0	23.0	17.0	76.7	.3	2.0	2.3	3.7
10	12.0	20.9	16.3	76.7	0.0	0.0	0.0	5.1
11	13.0	22.5	17.4	70.7	0.0	0.0	0.0	3.8
12	12.5	20.1	16.2	76.0	0.0	0.0	0.0	1.1
13	13.2	20.5	16.0	82.3	.1	15.5	15.6	1.2
14	14.0	23.5	16.8	86.3	0.0	0.0	0.0	3.7
15	14.0	21.5	17.6	77.3	0.0	0.0	0.0	3.5
16	13.5	24.4	18.6	68.3	0.0	0.0	0.0	5.8
17	14.4	20.6	16.7	80.3	1.8	0.0	1.8	1.9
18	13.1	22.0	17.0	88.3	4.6	0.0	4.6	6.4
19	13.5	21.8	16.4	74.7	.9	0.0	.9	2.6
20	13.0	22.6	17.8	74.0	0.0	0.0	0.0	4.8
21	13.7	23.2	17.3	77.3	0.0	0.0	0.0	4.9
22	13.8	24.7	18.0	71.3	0.0	0.0	0.0	7.1
23	13.0	24.5	18.4	65.0	0.0	0.0	0.0	7.3
24	13.6	22.8	17.7	71.0	0.0	0.0	0.0	5.4
25	13.5	25.6	18.9	71.3	0.0	0.0	0.0	7.9
26	14.5	24.0	18.9	75.3	0.0	0.0	0.0	6.4
27	13.7	26.5	19.5	71.0	0.0	0.0	0.0	7.5
28	15.1	25.0	19.0	68.7	0.0	0.0	0.0	5.2
29	14.5	21.0	16.9	83.3	6.5	0.0	6.5	.8
30	13.6	24.1	18.5	69.3	0.0	0.0	0.0	5.8
31								
Total :					41.2	64.9	106.1	127.3
Promedio :	13.5	22.3	17.2	77.7				

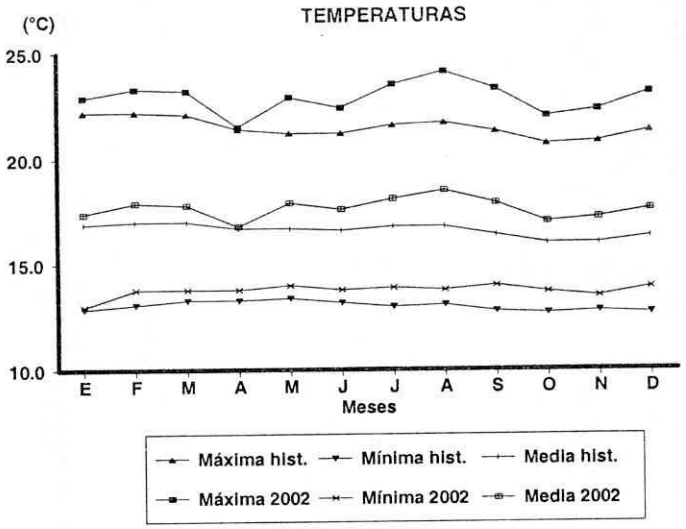
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	26.0	19.3	70.0	0.0	0.0	0.0	7.3
2	14.5	25.8	18.5	73.0	0.0	0.0	0.0	7.3
3	14.3	22.5	17.1	77.3	7.1	0.0	7.1	2.2
4	13.2	22.4	16.4	77.0	.4	0.0	.4	1.7
5	13.0	22.0	16.6	81.3	1.2	.4	1.6	2.7
6	14.5	23.6	17.6	81.3	0.0	0.0	0.0	3.2
7	13.4	23.5	17.0	78.7	10.7	0.0	10.7	3.8
8	14.0	21.7	17.6	81.3	1.5	5.1	6.6	2.7
9	14.8	24.0	18.2	80.3	0.0	0.0	0.0	7.0
10	14.0	26.0	18.8	70.3	0.0	0.0	0.0	6.8
11	14.5	22.0	17.8	79.0	0.0	0.0	0.0	1.3
12	14.0	24.8	19.2	72.7	0.0	0.0	0.0	6.6
13	15.5	26.0	18.9	77.7	2.1	2.6	4.7	3.9
14	15.2	21.4	17.4	87.3	25.4	13.3	38.7	.1
15	14.5	17.2	15.0	93.3	19.0	4.5	23.5	0.0
16	13.5	21.5	16.2	85.0	14.2	2.5	16.7	3.0
17	14.3	18.0	15.8	91.7	8.4	18.0	26.4	0.0
18	13.7	19.9	16.2	88.0	2.0	0.0	2.0	.2
19	13.2	23.3	17.6	74.3	0.0	0.0	0.0	3.7
20	13.5	22.5	16.4	81.7	9.1	0.0	9.1	1.9
21	13.7	21.5	16.3	83.7	4.4	0.0	4.4	1.9
22	12.5	24.8	18.4	71.0	0.0	0.0	0.0	5.4
23	13.4	24.5	18.0	73.7	0.0	0.0	0.0	7.9
24	13.5	22.0	17.2	73.7	0.0	0.0	0.0	3.8
25	13.2	24.3	17.7	72.3	0.0	0.0	0.0	6.0
26	13.5	26.0	19.0	67.0	0.0	0.0	0.0	7.8
27	13.6	24.3	17.4	81.0	0.0	0.0	0.0	4.5
28	13.4	24.5	18.6	74.0	0.0	0.0	0.0	5.1
29	14.0	24.4	18.2	78.3	13.3	0.0	13.3	4.0
30	13.7	23.0	17.7	81.3	3.9	0.0	3.9	2.7
31	14.0	23.5	18.6	78.7	0.0	0.0	0.0	2.7
Total :					122.7	46.4	169.1	117.2
Promedio :	13.9	23.1	17.6	78.6				

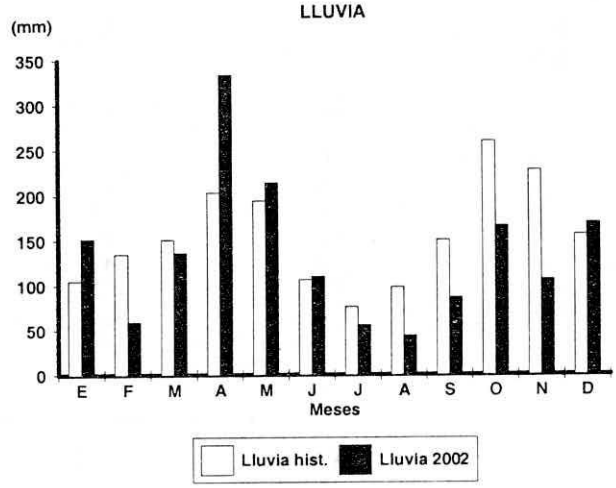
Estación : AGRONOMIA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	13.0	22.9	17.4	25.5	11.7	73.8	151.8	13	158.8
Febrero	13.8	23.3	17.9	26.8	12.4	72.3	59.3	12	134.8
Marzo	13.8	23.2	17.8	26.5	12.5	74.5	136.4	21	134.2
Abril	13.8	21.5	16.8	24.8	11.5	82.3	333.2	28	83.4
Mayo	14.0	22.9	17.9	26.0	10.2	77.0	214.2	21	113.4
Junio	13.8	22.4	17.6	26.5	12.0	75.3	109.5	16	124.1
Julio	13.9	23.5	18.1	26.5	12.3	72.0	55.6	17	169.5
Agosto	13.8	24.1	18.5	27.0	12.0	66.7	43.4	12	171.8
Septiembre	14.0	23.3	17.9	26.2	12.6	72.7	86.1	12	139.3
Octubre	13.7	22.0	17.0	25.0	12.6	78.7	165.8	25	114.2
Noviembre	13.5	22.3	17.2	26.5	11.6	77.7	106.1	14	127.3
Diciembre	13.9	23.1	17.6	26.0	12.5	78.6	169.1	15	117.2
Promedio :	13.8	22.9	17.6			75.1			
Absoluta :				27.0	10.2				
Total :							1630.5	206	1588.0





Estación : PLANALTO
Año : 2002

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	16.4	28.3	22.0	72.7	0.0	0.0	0.0	
2	15.6	28.5	21.6	74.7	0.0	.9	.9	
3	17.4	26.5	21.6	74.3	0.0	0.0	0.0	
4	16.8	28.3	21.5	68.3	0.0	.8	.8	
5	16.0	28.2	21.4	72.7	0.0	0.0	0.0	
6	18.7	27.5	22.1	74.7	0.0	6.7	6.7	
7	17.6	25.8	20.6	80.7	11.3	9.9	21.2	
8	15.7	25.5	20.5	80.0	0.0	8.8	8.8	
9	16.6	24.6	19.7	82.7	2.6	0.0	2.6	
10	15.8	27.3	21.0	74.7	0.0	0.0	0.0	
11	15.5	27.5	20.6	73.0	0.0	0.0	0.0	
12	16.2	27.2	21.8	72.0	0.0	7.3	7.3	
13	17.6	25.8	20.0	83.7	5.7	10.8	16.5	
14	17.0	26.2	19.7	78.3	.7	0.0	.7	
15	15.4	27.0	20.9	71.7	0.0	0.0	0.0	
16	16.2	27.7	21.0	75.0	0.0	0.0	0.0	
17	16.5	27.8	21.6	75.7	0.0	0.0	0.0	
18	15.6	28.3	21.3	70.3	0.0	0.0	0.0	
19	16.6	28.8	22.1	72.3	0.0	0.0	0.0	
20	17.0	27.0	21.2	73.0	0.0	0.0	0.0	
21	16.4	28.8	20.1	81.0	4.2	0.0	4.2	
22	16.5	27.3	21.0	71.7	0.0	0.0	0.0	
23	14.7	29.8	21.4	71.7	0.0	0.0	0.0	
24	17.8	26.8	21.2	79.3	0.0	5.3	5.3	
25	17.0	27.6	21.6	78.7	0.0	2.3	2.3	
26	17.8	28.3	22.2	73.3	0.0	16.2	16.2	
27	16.0	29.9	22.5	68.7	0.0	0.0	0.0	
28	15.5	29.5	22.6	67.3	0.0	0.0	0.0	
29	16.5	29.3	20.9	77.7	2.5	6.4	8.9	
30	17.0	24.5	20.3	87.7	.4	0.0	.4	
31	16.2	24.5	20.5	80.0	0.0	1.2	1.2	
Total :					27.4	76.6	104.0	
Promedio :	16.5	27.4	21.2	75.4				

Febrero	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.5	22.6	76.3	0.0	.2	.2	
2	17.6	29.5	23.4	69.0	0.0	39.2	39.2	
3	17.3	24.0	20.4	88.3	0.0	.1	.1	
4	17.5	23.5	20.1	85.7	0.0	0.0	0.0	
5	15.8	29.5	21.5	73.7	0.0	0.0	0.0	
6	16.0	28.7	22.0	71.3	0.0	0.0	0.0	
7	15.3	27.2	21.7	71.7	0.0	0.0	0.0	
8	17.2	25.3	20.0	82.7	0.0	18.4	18.4	
9	16.6	25.8	20.6	82.3	0.0	0.0	0.0	
10	16.0	28.4	21.4	74.0	0.0	.9	.9	
11	17.4	28.6	21.9	76.0	0.0	0.0	0.0	
12	18.0	28.1	21.2	76.7	.3	0.0	.3	
13	17.1	29.2	22.8	70.3	0.0	0.0	0.0	
14	18.2	28.4	21.4	77.7	0.0	0.0	0.0	
15	15.4	28.2	22.1	74.7	0.0	0.0	0.0	
16	18.0	28.0	22.3	75.3	0.0	0.0	0.0	
17	17.5	28.6	23.1	72.0	0.0	0.0	0.0	
18	17.5	29.7	23.6	71.3	0.0	31.7	31.7	
19	17.8	27.0	21.2	84.0	.9	0.0	.9	
20	16.2	29.2	22.0	72.0	0.0	0.0	0.0	
21	18.5	27.7	22.8	72.3	0.0	0.0	0.0	
22	17.8	26.6	21.2	81.3	0.0	1.1	1.1	
23	16.0	28.3	21.8	76.3	0.0	0.0	0.0	
24	15.9	30.2	22.6	67.0	0.0	0.0	0.0	
25	17.1	29.7	23.1	72.0	0.0	0.0	0.0	
26	17.0	28.0	20.7	78.3	.4	.4	.8	
27	17.2	27.0	21.2	83.7	0.0	19.2	19.2	
28	17.0	28.8	22.4	75.7	0.0	0.0	0.0	
29								
30								
31								
Total :					1.6	111.2	112.8	
Promedio :	17.0	27.9	21.8	76.1				

Estación : PLANALTO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	30.2	23.4	69.0	0.0	0.0	0.0	
2	16.3	29.5	22.8	72.3	0.0	0.0	0.0	
3	17.5	30.0	23.3	67.7	0.0	0.0	0.0	
4	18.1	29.0	23.2	70.0	0.0	0.0	0.0	
5	16.5	29.4	21.3	74.7	1.3	0.0	1.3	
6	17.2	29.0	21.0	73.7	0.0	0.0	0.0	
7	16.9	29.4	22.4	65.0	0.0	0.0	0.0	
8	16.7	30.4	23.4	68.0	0.0	.1	.1	
9	17.6	28.0	22.3	74.0	0.0	0.0	0.0	
10	18.5	29.7	23.0	60.3	0.0	0.0	0.0	
11	15.0	29.4	20.4	80.0	20.6	42.9	63.5	
12	17.4	25.6	20.7	82.7	0.0	0.0	0.0	
13	16.5	27.8	21.8	76.3	0.0	20.0	20.0	
14	16.2	26.4	20.0	80.3	30.9	.1	31.0	
15	17.2	25.3	20.2	84.7	.7	0.0	.7	
16	16.4	27.2	21.5	78.3	0.0	19.8	19.8	
17	17.0	23.5	19.4	90.7	0.0	0.0	0.0	
18	16.7	28.2	22.0	76.0	0.0	9.8	9.8	
19	17.2	21.2	18.5	96.7	5.8	0.0	5.8	
20	16.5	25.6	20.5	78.7	0.0	20.3	20.3	
21	17.5	21.3	18.8	94.3	3.0	0.0	3.0	
22	16.2	28.0	21.2	78.3	.1	0.0	.1	
23	16.0	24.0	20.2	86.7	.2	0.0	.2	
24	16.7	29.0	22.3	74.7	0.0	6.5	6.5	
25	17.5	28.8	22.0	83.0	0.0	0.0	0.0	
26	17.0	30.2	22.5	74.7	0.0	0.0	0.0	
27	16.0	27.2	19.4	87.0	63.0	0.0	63.0	
28	14.7	26.8	19.4	81.0	25.0	.1	25.1	
29	15.1	26.0	19.7	79.3	.6	0.0	.6	
30	15.0	29.3	21.7	71.0	0.0	0.0	0.0	
31	17.6	31.0	23.9	65.7	0.0	7.8	7.8	
Total :					151.2	127.4	278.6	
Promedio :	16.7	27.6	21.4	77.3				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.3	27.8	21.4	78.0	0.0	13.0	13.0	
2	16.8	22.8	19.8	89.7	1.3	0.0	1.3	
3	16.9	28.0	21.6	78.3	0.0	0.0	0.0	
4	17.5	26.5	21.8	82.7	0.0	0.0	0.0	
5	17.0	26.9	21.0	79.3	0.0	0.0	0.0	
6	16.5	28.6	19.9	83.3	3.3	0.0	3.3	
7	16.4	21.4	18.2	96.3	8.1	3.3	11.4	
8	16.2	26.0	19.8	82.3	.2	37.6	37.8	
9	15.4	22.5	19.2	87.7	0.0	39.3	39.3	
10	15.0	24.2	19.0	85.7	6.7	0.0	6.7	
11	16.0	26.2	20.4	74.7	0.0	6.9	6.9	
12	15.6	27.3	20.9	72.7	0.0	9.4	9.4	
13	16.6	25.8	19.8	77.0	0.0	0.0	0.0	
14	16.0	27.0	21.3	72.3	0.0	.2	.2	
15	17.0	28.3	21.9	78.3	0.0	1.7	1.7	
16	15.5	28.4	22.0	75.0	0.0	0.0	0.0	
17	18.1	26.0	20.2	88.3	.7	0.0	.7	
18	17.1	23.2	18.6	93.7	5.5	0.0	5.5	
19	15.0	28.0	20.7	77.7	0.0	12.5	12.5	
20	17.5	26.2	21.5	85.3	0.0	.8	.8	
21	17.0	26.0	21.4	83.3	.9	0.0	.9	
22	16.2	29.0	22.5	75.7	0.0	49.2	49.2	
23	17.0	28.5	21.3	82.7	3.5	.1	3.6	
24	18.3	25.0	20.4	88.3	0.0	53.0	53.0	
25	16.3	19.6	17.6	95.7	14.0	0.0	14.0	
26	16.9	24.0	19.8	87.3	0.0	2.2	2.2	
27	17.5	25.2	20.0	86.3	1.4	0.0	1.4	
28	15.1	26.7	19.9	81.0	1.2	10.4	11.6	
29	16.0	27.5	21.1	80.3	0.0	0.0	0.0	
30	17.0	24.2	19.8	87.7	5.0	0.0	5.0	
31								
Total :					51.8	239.6	291.4	
Promedio :	16.6	25.9	20.4	82.9				

Estación : PLANALTO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.7	28.1	21.9	74.3	0.0	0.0	0.0	
2	17.2	28.2	21.4	76.0	.2	1.7	1.9	
3	18.0	27.0	21.8	82.0	.2	0.0	.2	
4	16.6	28.0	22.0	75.3	0.0	0.0	0.0	
5	18.0	28.9	23.3	70.7	0.0	0.0	0.0	
6	18.8	28.5	22.9	76.3	0.0	0.0	0.0	
7	18.4	27.0	22.6	80.3	0.0	17.4	17.4	
8	17.2	25.5	20.8	85.3	0.0	0.0	0.0	
9	15.7	29.6	22.9	75.3	0.0	0.0	0.0	
10	18.5	28.1	22.3	77.7	0.0	1.5	1.5	
11	17.9	26.4	21.6	85.0	0.0	0.0	0.0	
12	15.9	30.0	22.6	72.0	0.0	0.0	0.0	
13	18.7	27.2	22.0	80.3	0.0	0.0	0.0	
14	17.2	28.8	22.3	77.7	0.0	0.0	0.0	
15	19.2	27.6	21.9	82.3	3.4	4.3	7.7	
16	18.7	27.3	22.1	84.7	0.0	0.0	0.0	
17	19.2	25.1	21.1	84.7	.2	.3	.5	
18	16.4	27.2	22.0	81.0	0.0	40.6	40.6	
19	16.5	26.5	20.0	84.3	5.4	0.0	5.4	
20	17.5	28.0	21.5	80.3	0.0	8.0	8.0	
21	17.6	23.4	20.2	87.7	0.0	22.8	22.8	
22	17.3	24.5	20.1	87.7	1.8	0.0	1.8	
23	16.0	25.5	20.9	82.3	0.0	8.2	8.2	
24	15.6	25.0	20.0	87.3	0.0	7.7	7.7	
25	14.0	21.0	17.9	90.3	35.9	3.8	39.7	
26	13.5	24.1	18.2	86.0	0.0	0.0	0.0	
27	16.5	26.5	21.0	81.7	.3	17.7	18.0	
28	12.9	23.5	18.0	86.0	0.0	.5	.5	
29	15.6	26.2	19.8	75.7	.1	.4	.5	
30	16.0	24.8	20.1	81.3	1.0	7.0	8.0	
31	15.4	21.0	18.4	92.0	.6	0.0	.6	
Total					49.1	141.9	191.0	
Promedio :	16.8	26.4	21.1	81.4				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	26.5	21.1	80.0	0.0	13.0	13.0	
2	15.6	25.0	19.8	91.0	9.5	0.0	9.5	
3	17.0	25.2	19.4	88.7	2.0	0.0	2.0	
4	17.4	23.0	18.7	93.3	7.8	.4	8.2	
5	16.0	25.4	18.8	83.0	.2	32.0	32.2	
6	15.5	22.8	19.0	87.3	.2	15.6	15.8	
7	14.6	24.0	18.2	88.0	.1	0.0	.1	
8	15.7	26.3	20.0	81.3	0.0	9.4	9.4	
9	15.8	25.0	19.2	85.0	0.0	0.0	0.0	
10	15.0	26.5	20.3	81.3	.6	.6	1.2	
11	16.5	27.5	20.3	85.0	1.2	.1	1.3	
12	17.5	27.0	21.3	82.3	0.0	0.0	0.0	
13	18.0	24.7	20.6	82.0	.5	0.0	.5	
14	16.2	27.2	21.2	75.7	0.0	0.0	0.0	
15	16.2	26.6	21.4	76.3	.6	0.0	.6	
16	15.6	28.5	21.4	74.3	0.0	4.4	4.4	
17	17.0	25.2	20.6	85.0	0.0	5.6	5.6	
18	17.4	26.5	20.7	84.7	0.0	0.0	0.0	
19	16.0	29.0	22.1	75.3	0.0	1.0	1.0	
20	16.6	27.0	21.2	78.7	0.0	0.0	0.0	
21	17.0	26.7	22.0	76.7	0.0	0.0	0.0	
22	16.6	27.5	21.9	73.0	0.0	0.0	0.0	
23	16.8	27.6	22.0	72.0	0.0	0.0	0.0	
24	16.0	26.0	21.0	79.3	0.0	3.0	3.0	
25	16.2	27.0	21.2	77.3	0.0	0.0	0.0	
26	15.2	29.0	22.1	70.7	0.0	0.0	0.0	
27	17.2	28.0	22.2	77.0	0.0	17.7	17.7	
28	17.1	27.5	22.4	78.7	0.0	6.6	6.6	
29	17.5	27.0	20.9	82.3	.1	0.0	.1	
30	17.0	29.7	23.6	67.7	0.0	0.0	0.0	
31								
Total					22.8	109.4	132.2	
Promedio :	16.4	26.5	20.8	80.4				

Estación : PLANALTO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	28.2	22.5	69.7	0.0	0.0	0.0	
2	16.9	28.3	22.6	69.7	0.0	0.0	0.0	
3	17.5	29.5	22.8	77.0	0.0	1.3	1.3	
4	18.8	28.4	22.9	78.0	0.0	8.5	8.5	
5	17.4	25.5	19.0	90.3	16.1	14.3	30.4	
6	15.5	22.3	18.7	89.7	0.0	0.0	0.0	
7	15.0	28.5	21.7	75.3	0.0	0.0	0.0	
8	18.0	28.5	22.8	75.3	0.0	0.0	0.0	
9	17.0	28.2	22.4	76.3	0.0	0.0	0.0	
10	19.0	27.0	21.6	82.7	0.0	0.0	0.0	
11	16.2	26.0	20.8	82.7	.1	3.1	3.2	
12	16.5	29.3	22.0	76.3	0.0	0.0	0.0	
13	16.0	29.5	22.5	65.7	0.0	0.0	0.0	
14	15.6	28.5	22.3	68.0	0.0	0.0	0.0	
15	17.5	28.0	21.2	78.7	.5	.4	.9	
16	16.7	27.8	22.1	78.0	0.0	6.6	6.6	
17	18.0	27.6	21.7	79.0	.2	6.8	7.0	
18	17.0	24.5	20.4	86.7	.2	0.0	.2	
19	16.6	27.0	21.2	78.3	.3	33.1	33.4	
20	16.5	26.1	20.6	83.7	0.0	.8	.8	
21	16.6	26.5	20.4	82.3	0.0	0.0	0.0	
22	16.2	27.6	21.5	73.3	0.0	0.0	0.0	
23	17.5	27.5	20.8	79.7	.8	0.0	.8	
24	17.2	27.7	22.2	76.0	0.0	.7	.7	
25	15.3	25.5	19.7	81.3	.3	0.0	.3	
26	14.8	28.0	21.6	69.0	0.0	0.0	0.0	
27	15.3	28.6	20.6	75.7	1.8	0.0	1.8	
28	17.0	27.6	21.3	78.0	0.0	0.0	0.0	
29	15.7	28.5	22.0	72.7	0.0	0.0	0.0	
30	14.8	28.6	21.0	64.0	0.0	5.4	5.4	
31	16.8	25.5	19.8	80.0	.4	0.0	.4	
Total :					20.7	81.0	101.7	
Promedio :	16.6	27.4	21.4	77.2				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.4	28.6	21.0	68.7	0.0	0.0	0.0	
2	15.5	28.3	21.4	68.3	0.0	0.0	0.0	
3	15.0	24.8	19.8	79.3	.2	0.0	.2	
4	14.3	28.3	21.3	68.3	0.0	1.4	1.4	
5	16.3	28.9	21.1	73.7	0.0	0.0	0.0	
6	15.0	29.2	21.9	67.0	0.0	0.0	0.0	
7	15.4	28.0	21.7	72.7	0.0	0.0	0.0	
8	16.5	29.0	22.4	70.0	0.0	4.8	4.8	
9	17.0	26.0	21.5	76.0	0.0	0.0	0.0	
10	16.4	28.2	22.0	69.3	0.0	0.0	0.0	
11	15.5	27.6	21.6	67.3	0.0	0.0	0.0	
12	14.8	29.2	21.9	68.0	0.0	0.0	0.0	
13	16.0	27.0	22.3	71.7	0.0	0.0	0.0	
14	17.0	29.6	22.4	70.3	0.0	0.0	0.0	
15	17.7	29.8	23.7	64.0	0.0	0.0	0.0	
16	18.5	30.6	23.5	60.7	0.0	0.0	0.0	
17	16.0	30.2	23.0	60.7	0.0	0.0	0.0	
18	15.5	27.7	22.0	67.0	0.0	0.0	0.0	
19	16.0	26.0	21.1	78.7	.2	0.0	.2	
20	17.4	28.8	22.7	71.0	0.0	0.0	0.0	
21	18.0	31.0	23.8	64.0	0.0	0.0	0.0	
22	18.2	29.1	23.4	68.0	0.0	10.6	10.6	
23	17.2	28.6	20.6	79.0	10.2	0.0	10.2	
24	15.5	29.7	22.2	68.3	0.0	4.9	4.9	
25	17.3	29.5	22.7	71.3	0.0	15.5	15.5	
26	17.6	26.5	21.0	82.0	0.0	8.6	8.6	
27	17.2	22.5	19.8	89.0	1.3	0.0	1.3	
28	18.0	29.0	20.9	78.3	1.7	35.9	37.6	
29	17.0	21.5	18.8	90.0	5.5	0.0	5.5	
30	15.2	27.5	20.8	76.7	0.0	0.0	0.0	
31	17.5	27.0	21.3	78.3	0.0	3.1	3.1	
Total :					19.1	84.8	103.9	
Promedio :	16.4	28.0	21.7	72.2				

Estación : PLANALTO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.4	20.2	81.0	1.1	3.5	4.6	
2	17.4	24.6	20.2	84.0	0.0	0.0	0.0	
3	16.7	27.6	21.3	74.7	0.0	3.3	3.3	
4	17.0	29.6	22.1	72.0	0.0	0.0	0.0	
5	16.6	28.0	21.8	73.7	0.0	0.0	0.0	
6	18.2	28.5	22.9	73.0	0.0	0.0	0.0	
7	18.0	29.5	22.3	72.0	0.0	0.0	0.0	
8	16.5	30.0	23.1	68.7	0.0	0.0	0.0	
9	16.0	28.0	21.8	73.7	0.0	0.0	0.0	
10	17.5	25.5	21.6	74.3	.7	.8	1.5	
11	18.0	27.0	21.3	79.0	.4	0.0	.4	
12	15.5	29.8	22.6	68.7	0.0	0.0	0.0	
13	16.0	29.5	23.2	68.0	0.0	0.0	0.0	
14	18.6	26.7	21.6	80.0	.6	0.0	.6	
15	17.5	29.0	22.5	75.7	0.0	0.0	0.0	
16	18.0	28.0	21.4	81.0	0.0	.3	.3	
17	17.5	24.5	20.8	82.3	0.0	0.0	0.0	
18	17.4	24.2	19.0	88.3	3.9	2.0	5.9	
19	16.5	26.8	20.1	80.3	0.0	0.0	0.0	
20	17.0	27.5	21.9	72.7	0.0	1.4	1.4	
21	17.5	30.0	23.2	68.7	0.0	0.0	0.0	
22	16.0	29.3	22.0	67.3	0.0	0.0	0.0	
23	17.0	28.0	21.0	76.3	3.5	5.9	9.4	
24	16.5	28.5	22.0	72.7	0.0	.5	.5	
25	17.0	26.2	20.7	79.0	0.0	29.9	29.9	
26	16.8	23.5	18.6	93.0	1.1	.5	1.6	
27	17.0	27.5	21.3	78.7	0.0	16.2	16.2	
28	16.2	23.6	19.4	85.3	0.0	0.0	0.0	
29	15.6	27.2	21.2	77.0	0.0	0.0	0.0	
30	17.1	29.5	22.0	73.0	0.0	.1	.1	
31								
Total :					11.3	64.4	75.7	
Promedio :	17.0	27.5	21.4	76.5				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	29.8	22.3	73.3	0.0	11.0	11.0	
2	15.7	28.8	21.3	69.0	0.0	.3	.3	
3	16.6	28.0	21.0	71.7	0.0	0.0	0.0	
4	15.7	27.6	21.8	74.0	0.0	4.9	4.9	
5	17.0	26.2	21.0	76.3	0.0	0.0	0.0	
6	16.5	27.6	21.6	74.0	.5	2.4	2.9	
7	17.5	23.5	19.0	89.0	.7	0.0	.7	
8	15.6	26.4	20.1	83.7	.3	0.0	.3	
9	15.5	27.6	22.2	72.3	0.0	0.0	0.0	
10	18.4	29.8	23.5	70.0	0.0	6.5	6.5	
11	17.0	25.5	19.1	86.0	2.7	0.0	2.7	
12	15.0	25.4	20.2	76.0	0.0	0.0	0.0	
13	16.4	28.2	21.6	71.7	0.0	0.0	0.0	
14	15.2	29.3	20.4	75.0	10.7	.1	10.8	
15	17.0	26.5	20.6	82.0	.4	.3	.7	
16	16.5	28.0	21.6	77.7	0.0	58.0	58.0	
17	16.0	24.5	19.9	82.7	0.0	6.5	6.5	
18	16.5	25.2	19.8	84.0	.9	0.0	.9	
19	16.2	28.5	21.1	73.0	.1	0.0	.1	
20	15.0	26.6	20.3	76.3	0.0	.4	.4	
21	16.4	27.2	20.1	81.3	3.5	1.3	4.8	
22	16.2	21.8	19.0	90.7	.6	0.0	.6	
23	15.8	26.0	20.9	79.7	0.0	17.2	17.2	
24	17.0	23.8	19.0	90.0	10.1	8.7	18.8	
25	15.8	27.5	21.4	79.0	0.0	1.8	1.8	
26	17.0	24.8	19.5	94.0	2.5	41.4	43.9	
27	15.5	22.2	18.4	90.7	.4	0.0	.4	
28	16.0	26.5	19.2	83.7	5.3	.1	5.4	
29	16.5	24.2	19.0	86.0	28.7	39.3	68.0	
30	16.0	23.6	18.4	90.7	.7	0.0	.7	
31	15.6	27.0	20.7	79.3	0.0	6.7	6.7	
Total :					68.1	206.9	275.0	
Promedio :	16.3	26.4	20.5	80.1				

Estación : PLANALTO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.5	19.9	82.7	.1	3.8	3.9	
2	16.8	23.5	19.2	85.3	.5	50.7	51.2	
3	16.5	21.4	18.4	88.3	3.9	0.0	3.9	
4	13.4	27.7	19.8	80.3	0.0	.9	.9	
5	16.0	26.3	19.6	86.7	6.1	55.0	61.1	
6	14.5	24.3	19.0	85.3	2.2	1.7	3.9	
7	16.6	23.5	19.6	87.7	.9	23.5	24.4	
8	16.0	24.0	19.4	86.0	.7	.1	.8	
9	15.6	28.5	20.4	82.3	0.0	1.8	1.8	
10	14.5	26.5	20.6	77.7	0.0	0.0	0.0	
11	15.0	26.6	21.1	73.0	0.0	0.0	0.0	
12	16.0	25.9	20.8	80.3	0.0	0.0	0.0	
13	16.3	26.0	20.7	79.3	.1	3.5	3.6	
14	17.0	25.5	20.3	82.0	0.0	0.0	0.0	
15	17.2	26.0	21.1	83.3	0.0	0.0	0.0	
16	16.7	27.6	21.8	71.3	0.0	.5	.5	
17	16.0	26.0	20.2	82.3	.7	0.0	.7	
18	16.4	27.5	20.7	80.0	0.0	.2	.2	
19	16.5	25.1	20.4	80.7	0.0	0.0	0.0	
20	15.5	28.5	21.4	75.7	0.0	0.0	0.0	
21	17.3	27.8	21.9	79.0	0.0	0.0	0.0	
22	17.8	29.5	22.0	76.3	0.0	0.0	0.0	
23	17.1	28.8	21.5	80.0	0.0	.3	.3	
24	17.5	27.8	21.6	78.7	0.0	0.0	0.0	
25	16.5	28.4	21.9	78.0	0.0	0.0	0.0	
26	17.4	29.0	21.9	80.3	0.0	0.0	0.0	
27	16.6	30.5	22.9	74.3	0.0	5.4	5.4	
28	18.4	29.8	22.9	75.7	0.0	2.8	2.8	
29	18.0	23.8	20.6	89.0	.4	0.0	.4	
30	16.7	29.6	22.0	73.7	0.0	3.0	3.0	
31								
Total :					15.6	153.2	168.8	
Promedio :	16.4	26.8	20.8	80.5				

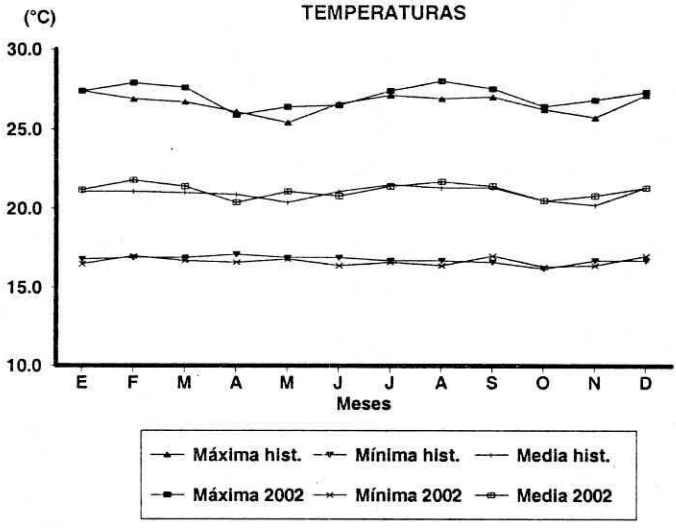
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	28.8	22.4	75.3	0.0	0.0	0.0	
2	17.6	29.9	22.5	73.7	0.0	0.0	0.0	
3	18.0	27.1	20.8	78.3	0.0	0.0	0.0	
4	15.7	26.7	20.4	80.7	.7	0.0	.7	
5	16.5	26.0	20.6	83.0	.2	0.0	.2	
6	17.5	29.4	22.0	78.3	0.0	0.0	0.0	
7	16.9	26.6	20.5	82.7	.4	0.0	.4	
8	17.4	24.8	19.9	89.0	28.4	0.0	28.4	
9	17.0	27.5	21.7	80.0	0.0	0.0	0.0	
10	17.2	29.5	23.2	71.0	0.0	2.5	2.5	
11	18.4	26.9	21.7	81.3	0.0	0.0	0.0	
12	18.0	29.5	22.6	78.0	0.0	0.0	0.0	
13	18.5	29.4	22.8	78.0	0.0	.7	.7	
14	17.5	25.0	20.2	89.7	4.8	8.1	12.9	
15	16.8	19.4	17.9	97.7	19.2	3.5	22.7	
16	16.0	24.7	19.3	88.7	28.7	3.0	31.7	
17	16.7	24.0	19.5	87.7	0.0	13.0	13.0	
18	17.0	25.4	20.0	82.3	0.0	0.0	0.0	
19	16.0	29.3	21.3	78.7	0.0	0.0	0.0	
20	17.0	26.4	20.0	82.3	1.2	0.0	1.2	
21	16.5	27.0	20.9	79.0	0.0	0.0	0.0	
22	17.5	27.7	21.9	77.0	0.0	0.0	0.0	
23	16.5	29.2	22.1	74.7	0.0	0.0	0.0	
24	16.0	26.2	21.3	79.7	0.0	0.0	0.0	
25	17.0	28.5	21.8	77.7	0.0	0.0	0.0	
26	16.4	29.0	22.1	74.0	0.0	0.0	0.0	
27	18.0	28.5	20.8	78.7	0.0	.4	.4	
28	16.0	29.4	22.0	72.3	0.0	0.0	0.0	
29	17.4	28.2	22.2	78.0	0.0	0.0	0.0	
30	17.0	27.6	22.4	75.7	0.0	0.0	0.0	
31	18.0	27.8	22.3	78.7	0.0	0.0	0.0	
Total :					83.6	31.2	114.8	
Promedio :	17.0	27.3	21.3	80.1				

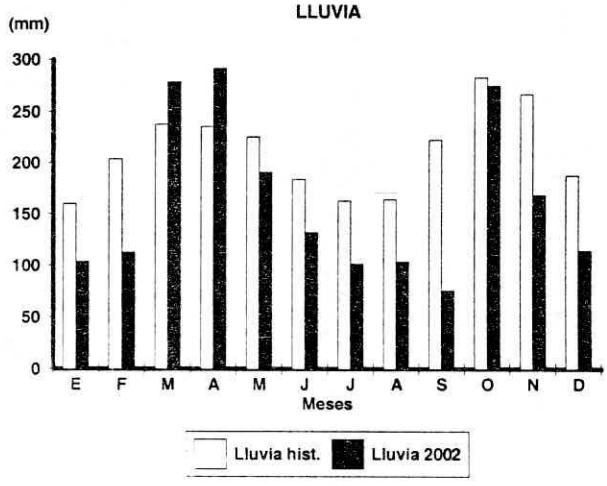
Estación : PLANALTO
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.5	27.4	21.2	29.9	14.7	75.4	104.0	16	
Febrero	17.0	27.9	21.8	30.2	15.3	76.1	112.8	11	
Marzo	16.7	27.6	21.4	31.0	14.7	77.3	278.6	18	
Abril	16.6	25.9	20.4	29.0	15.0	82.9	291.4	24	
Mayo	16.8	26.4	21.1	30.0	12.9	81.4	191.0	19	
Junio	16.4	26.5	20.8	29.7	14.6	80.4	132.2	19	
Julio	16.6	27.4	21.4	29.5	14.8	77.2	101.7	16	
Agosto	16.4	28.0	21.7	31.0	13.4	72.2	103.9	13	
Septiembre	17.0	27.5	21.4	30.0	15.5	76.5	75.7	14	
Octubre	16.3	26.4	20.5	29.8	15.0	80.1	275.0	26	
Noviembre	16.4	26.8	20.8	30.5	13.4	80.5	168.8	18	
Diciembre	17.0	27.3	21.3	29.9	15.7	80.1	114.8	12	
Promedio :	16.6	27.1	21.1			78.3			
Absoluta :				31.0	12.9				
Total :							1949.9	206	





Estación : CENICAFE
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	30.5	22.7	76.3	0.0	1.4	1.4	8.7
2	16.0	29.4	21.8	76.0	0.0	.1	.1	8.0
3	17.6	27.2	22.0	81.0	0.0	0.0	0.0	4.1
4	16.2	29.2	21.9	77.3	0.0	1.7	1.7	9.8
5	16.3	29.1	22.2	77.3	0.0	0.0	0.0	8.6
6	19.0	29.4	22.9	78.7	0.0	0.0	0.0	7.7
7	18.2	27.7	21.5	84.3	12.1	4.7	16.8	3.6
8	17.3	27.0	21.2	85.0	0.0	1.8	1.8	3.0
9	17.2	26.7	20.2	86.3	4.4	0.0	4.4	3.8
10	16.1	30.0	21.6	80.3	0.0	.1	.1	9.4
11	16.0	29.4	21.1	77.3	0.0	0.0	0.0	8.9
12	17.0	28.8	22.2	78.0	0.0	5.4	5.4	7.5
13	18.1	27.0	20.4	87.0	5.5	8.9	14.4	2.6
14	17.5	27.2	20.2	84.0	1.2	0.0	1.2	3.7
15	15.2	29.5	21.5	79.0	0.0	.2	.2	9.1
16	17.0	30.0	21.7	80.7	0.0	0.0	0.0	5.3
17	17.4	29.5	22.0	78.0	0.0	0.0	0.0	8.1
18	16.3	30.0	21.4	74.3	0.0	0.0	0.0	7.3
19	17.0	31.5	22.6	78.7	0.0	0.0	0.0	7.4
20	17.6	29.5	21.8	80.3	0.0	0.0	0.0	5.6
21	17.0	30.4	21.0	81.0	4.6	0.0	4.6	8.4
22	17.0	29.0	21.2	77.7	0.0	0.0	0.0	6.4
23	15.2	32.2	21.8	75.7	0.0	0.0	0.0	8.9
24	18.1	29.0	21.8	82.0	0.0	3.9	3.9	3.2
25	17.5	29.8	22.2	81.0	0.0	.7	.7	5.2
26	18.3	30.0	22.6	77.7	0.0	17.7	17.7	5.8
27	17.3	32.2	22.8	76.0	0.0	0.0	0.0	8.1
28	16.4	32.0	22.8	72.3	0.0	0.0	0.0	8.1
29	17.0	32.5	21.8	80.0	6.0	7.2	13.2	7.4
30	18.0	26.5	20.8	91.0	.6	0.0	.6	1.3
31	16.4	25.7	20.8	86.0	0.0	2.9	2.9	.3
Total :					34.4	56.7	91.1	195.3
Promedio :	17.1	29.3	21.7	80.0				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	29.7	22.3	83.0	0.0	.5	.5	4.5
2	17.4	30.8	23.0	78.7	0.0	41.1	41.1	6.4
3	17.8	24.8	20.8	90.7	.4	.2	.6	.2
4	18.0	25.0	20.6	88.0	0.0	0.0	0.0	0.0
5	16.0	30.9	21.8	76.0	0.0	0.0	0.0	9.1
6	16.4	31.2	22.2	75.7	0.0	0.0	0.0	8.8
7	16.2	28.8	22.4	77.0	0.0	0.0	0.0	6.1
8	17.5	26.4	21.2	83.7	0.0	11.8	11.8	2.6
9	17.2	27.1	21.2	82.3	0.0	0.0	0.0	4.0
10	16.6	29.8	22.0	74.7	0.0	2.2	2.2	7.1
11	17.6	30.9	22.0	78.3	0.0	0.0	0.0	6.8
12	18.5	29.9	21.8	80.0	.4	0.0	.4	5.3
13	17.5	30.5	23.1	78.0	0.0	0.0	0.0	6.1
14	18.8	30.4	22.0	78.3	0.0	0.0	0.0	5.8
15	16.0	31.0	22.6	78.7	0.0	0.0	0.0	7.2
16	18.8	30.0	22.6	79.0	0.0	0.0	0.0	5.9
17	18.2	30.2	23.0	77.0	0.0	0.0	0.0	7.1
18	18.0	32.2	24.2	72.7	0.0	34.8	34.8	6.9
19	19.0	29.5	21.8	84.7	1.6	0.0	1.6	3.5
20	16.8	31.8	22.0	79.7	0.0	0.0	0.0	8.2
21	18.9	30.6	23.4	79.7	0.0	0.0	0.0	5.0
22	18.0	28.5	21.5	86.3	0.0	1.0	1.0	1.2
23	16.6	30.4	22.3	78.3	0.0	0.0	0.0	6.4
24	16.4	33.0	23.0	70.3	0.0	0.0	0.0	9.1
25	18.0	31.8	23.7	74.0	0.0	0.0	0.0	7.9
26	17.6	29.0	21.6	80.3	0.0	0.0	0.0	4.1
27	17.5	28.0	21.9	84.3	0.0	11.2	11.2	2.4
28	18.0	30.4	23.0	78.7	0.0	0.0	0.0	6.9
29								
30								
31								
Total :					2.4	102.8	105.2	154.6
Promedio :	17.5	29.7	22.3	79.6				

Estación : CENICAFE
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	32.6	23.6	70.7	0.0	0.0	0.0	8.3
2	17.0	30.8	23.5	74.3	0.0	0.0	0.0	6.9
3	18.4	32.0	24.1	70.0	0.0	0.0	0.0	8.1
4	18.8	31.7	23.8	72.0	0.0	.1	.1	6.9
5	17.0	31.0	21.6	77.0	1.4	0.0	1.4	8.2
6	17.6	30.9	21.4	77.0	7.0	0.0	7.0	6.2
7	17.0	32.0	22.8	68.3	0.0	0.0	0.0	6.9
8	17.2	32.6	23.4	74.0	0.0	.1	.1	8.6
9	18.0	29.8	22.8	79.3	0.0	0.0	0.0	3.8
10	18.5	31.6	23.4	70.3	0.0	0.0	0.0	6.4
11	16.4	32.0	21.9	81.0	11.7	50.0	61.7	6.4
12	18.6	28.0	21.5	88.3	0.0	0.0	0.0	1.4
13	17.0	29.9	22.4	77.7	0.0	33.0	33.0	5.0
14	16.6	28.0	20.3	84.7	29.9	.2	30.1	3.9
15	17.3	26.0	20.9	86.3	.8	0.0	.8	.9
16	16.8	28.7	21.8	82.3	0.0	12.5	12.5	4.0
17	17.4	24.5	20.2	90.7	0.0	0.0	0.0	.5
18	17.5	29.8	22.5	81.0	0.0	14.6	14.6	4.0
19	18.0	23.1	19.1	97.7	5.3	0.0	5.3	.2
20	17.0	27.5	21.1	82.0	0.0	24.1	24.1	3.6
21	18.0	22.7	19.8	93.0	1.8	0.0	1.8	0.0
22	16.4	30.0	21.8	79.3	.6	0.0	.6	5.5
23	16.5	25.1	20.7	87.7	.2	0.0	.2	.6
24	17.4	30.5	22.6	77.0	0.0	4.8	4.8	3.5
25	18.0	31.5	22.8	82.0	0.0	0.0	0.0	4.3
26	17.2	32.5	23.4	74.7	0.0	0.0	0.0	7.3
27	16.5	29.0	20.7	83.0	3.7	0.0	3.7	3.6
28	15.4	29.1	20.3	81.3	23.9	0.0	23.9	5.0
29	15.6	27.6	20.5	81.7	0.0	0.0	0.0	4.8
30	15.4	32.0	22.1	75.3	0.0	0.0	0.0	9.9
31	18.0	32.6	24.4	69.0	0.0	3.7	3.7	8.4
Total :					86.3	143.1	229.4	153.1
Promedio :	17.2	29.5	22.0	79.6				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	29.6	22.2	81.0	0.0	14.9	14.9	4.3
2	17.0	24.0	20.4	91.0	1.1	0.0	1.1	0.0
3	17.2	29.2	22.0	80.0	0.0	0.0	0.0	4.2
4	18.0	27.0	22.2	84.0	0.0	0.0	0.0	1.6
5	17.6	28.5	21.0	86.7	0.0	0.0	0.0	3.9
6	16.5	30.7	20.7	82.3	2.7	0.0	2.7	6.3
7	16.7	22.5	18.6	95.3	17.9	1.7	19.6	.1
8	17.0	27.9	20.8	84.0	0.0	35.8	35.8	4.0
9	16.0	25.2	20.1	89.0	0.0	24.3	24.3	1.6
10	15.8	26.2	20.0	88.3	5.6	.3	5.9	2.4
11	16.6	29.6	21.0	78.7	0.0	7.8	7.8	3.8
12	16.5	29.9	21.6	77.3	0.0	14.0	14.0	7.7
13	17.5	28.0	20.6	80.3	0.0	0.0	0.0	4.6
14	16.4	28.9	21.8	78.7	0.0	.1	.1	5.8
15	17.5	31.7	22.5	80.0	0.0	2.1	2.1	7.4
16	16.0	30.8	22.3	79.0	0.0	0.0	0.0	7.9
17	18.4	27.9	21.1	89.3	0.0	0.0	0.0	1.6
18	17.5	23.8	18.8	97.3	6.2	0.0	6.2	0.0
19	15.1	29.8	21.2	78.3	0.0	7.4	7.4	6.8
20	18.0	28.0	22.3	84.7	0.0	6.3	6.3	5.1
21	17.8	28.4	21.6	87.3	1.0	0.0	1.0	4.0
22	16.2	31.4	22.5	77.0	0.0	42.0	42.0	8.4
23	17.5	30.8	21.2	83.3	9.2	.3	9.5	6.0
24	18.7	26.5	21.0	89.0	0.0	51.7	51.7	1.2
25	16.8	21.0	18.4	94.0	8.7	.6	9.3	0.0
26	17.5	25.5	20.3	88.7	.1	1.2	1.3	.9
27	17.4	27.6	20.4	88.0	1.6	.1	1.7	0.0
28	15.9	29.0	20.8	81.3	.9	15.9	16.8	.8
29	16.3	30.0	21.5	81.7	0.0	1.3	1.3	7.2
30	17.5	26.4	20.4	88.3	5.4	0.0	5.4	.4
31								
Total :					60.4	227.8	288.2	108.0
Promedio :	17.0	27.9	21.0	84.8				

Estación : CENICAFE
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.9	30.4	22.0	80.0	0.0	0.0	0.0	6.2
2	17.8	29.9	22.4	79.0	0.0	1.9	1.9	5.8
3	18.0	29.0	22.2	82.7	0.0	0.0	0.0	4.4
4	17.0	30.2	22.4	77.0	0.0	0.0	0.0	7.5
5	18.7	31.8	23.6	72.7	0.0	.1	.1	6.9
6	19.0	30.7	23.2	77.0	0.0	.1	.1	7.1
7	18.7	28.8	23.4	80.3	0.0	9.9	9.9	5.1
8	17.5	27.5	21.6	85.3	.1	0.0	.1	1.5
9	16.3	32.5	23.8	78.7	0.0	0.0	0.0	7.5
10	18.7	30.7	23.2	82.0	0.0	3.2	3.2	4.9
11	18.0	28.9	22.2	84.3	0.0	0.0	0.0	2.8
12	16.2	32.5	23.0	74.0	0.0	0.0	0.0	7.9
13	19.0	29.9	22.9	82.0	0.0	0.0	0.0	1.1
14	17.2	31.1	23.2	79.7	0.0	0.0	0.0	5.7
15	19.5	29.9	22.6	84.7	6.0	8.7	14.7	3.4
16	19.3	29.8	22.8	88.3	0.0	.3	.3	2.9
17	19.4	27.0	21.8	88.3	.7	.7	1.4	1.2
18	17.0	29.0	22.7	82.0	0.0	42.1	42.1	3.6
19	17.1	28.0	20.9	85.0	15.9	.5	16.4	4.2
20	17.5	29.9	21.9	84.0	7.1	5.7	12.8	5.4
21	18.5	25.3	21.1	87.3	0.0	23.9	23.9	1.0
22	18.0	26.2	20.9	87.0	1.3	0.0	1.3	1.2
23	16.2	27.5	21.9	83.0	0.0	8.8	8.8	2.2
24	16.0	27.4	20.6	87.7	0.0	4.5	4.5	4.4
25	15.0	21.5	18.5	90.3	38.2	3.7	41.9	0.0
26	14.8	25.7	19.5	84.0	0.0	0.0	0.0	5.8
27	17.0	28.4	21.8	81.7	.2	20.1	20.3	3.2
28	13.5	25.2	18.7	87.0	0.0	.5	.5	3.6
29	16.1	29.4	20.5	78.7	.4	.5	.9	5.5
30	17.0	27.3	21.5	81.3	1.0	8.4	9.4	3.4
31	16.5	22.5	19.2	94.7	.5	0.0	.5	.2
Total :					71.4	143.6	215.0	125.6
Promedio :	17.3	28.5	21.8	82.9				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	28.7	21.9	82.0	0.0	10.4	10.4	5.6
2	17.5	27.3	21.5	88.7	8.5	.4	8.9	5.1
3	18.3	27.5	20.3	90.0	1.2	.3	1.5	1.9
4	18.0	23.5	19.3	96.7	9.8	.4	10.2	.4
5	16.3	27.5	19.8	84.3	1.6	29.0	30.6	3.3
6	16.7	24.5	19.6	89.3	.2	16.1	16.3	.8
7	15.1	25.8	19.2	90.0	.1	0.0	.1	2.4
8	16.3	27.2	20.5	86.3	0.0	10.1	10.1	3.9
9	17.0	27.4	20.1	86.3	0.0	0.0	0.0	2.1
10	15.6	28.8	20.8	83.0	.9	1.4	2.3	4.5
11	17.4	29.0	21.0	84.7	1.6	.4	2.0	4.5
12	17.5	28.7	21.6	81.3	0.0	0.0	0.0	7.8
13	18.4	26.3	21.2	86.7	.6	0.0	.6	1.9
14	17.1	30.0	21.9	77.7	0.0	0.0	0.0	7.8
15	16.5	28.4	21.8	80.7	.4	0.0	.4	6.1
16	16.1	30.0	22.1	74.7	0.0	4.0	4.0	5.9
17	17.2	27.0	21.2	85.0	0.0	8.0	8.0	3.4
18	18.0	29.0	21.4	85.3	0.0	0.0	0.0	4.3
19	16.3	31.9	22.5	81.0	0.0	1.2	1.2	10.1
20	17.0	28.5	21.6	82.0	0.0	0.0	0.0	5.4
21	17.5	28.9	22.7	79.0	0.0	0.0	0.0	3.4
22	17.5	29.7	22.8	79.0	0.0	0.0	0.0	6.7
23	17.6	29.8	22.8	75.7	0.0	0.0	0.0	6.8
24	17.0	28.3	21.6	80.3	0.0	4.3	4.3	4.2
25	17.1	28.5	22.0	80.0	0.0	0.0	0.0	6.4
26	16.3	31.8	23.1	71.7	0.0	0.0	0.0	8.7
27	18.0	29.9	23.1	79.3	0.0	29.5	29.5	6.5
28	17.6	29.8	23.1	82.7	0.0	8.2	8.2	6.6
29	18.4	29.5	21.5	84.0	.2	0.0	.2	4.0
30	17.8	32.3	24.0	72.7	0.0	0.0	0.0	9.8
31								
Total :					25.1	123.7	148.8	150.3
Promedio :	17.1	28.5	21.5	82.7				

Estación : CENICAFE
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	31.5	23.2	74.0	0.0	0.0	0.0	8.6
2	17.2	31.6	23.4	75.3	0.0	0.0	0.0	7.4
3	18.0	31.5	23.8	76.7	0.0	2.0	2.0	8.5
4	19.2	31.8	23.8	80.7	0.0	4.7	4.7	7.1
5	18.1	27.7	19.8	92.0	12.6	11.1	23.7	2.5
6	16.3	23.5	19.4	91.3	.7	0.0	.7	.1
7	16.0	31.3	22.4	81.7	0.0	0.0	0.0	9.1
8	18.0	30.0	23.5	77.0	0.0	0.0	0.0	6.2
9	18.1	30.8	23.1	79.7	0.0	0.0	0.0	8.6
10	19.3	29.0	22.6	83.3	.3	0.0	.3	1.8
11	16.8	28.0	22.0	84.0	0.0	2.8	2.8	3.9
12	17.2	31.4	22.8	77.0	0.0	0.0	0.0	9.2
13	17.0	32.4	23.0	68.7	0.0	0.0	0.0	9.2
14	16.7	31.5	22.8	73.3	0.0	0.0	0.0	6.5
15	18.0	31.0	22.2	80.3	0.0	1.8	1.8	6.0
16	17.5	29.9	22.8	77.3	0.0	5.9	5.9	5.0
17	18.5	29.4	23.2	82.3	0.0	8.3	8.3	6.2
18	17.5	25.8	20.6	88.3	1.4	0.0	1.4	1.9
19	16.6	28.2	21.7	81.7	.3	29.8	30.1	3.8
20	17.5	28.4	21.3	86.0	0.0	1.4	1.4	3.1
21	17.0	27.8	21.2	85.7	0.0	0.0	0.0	4.3
22	17.6	29.8	22.3	76.0	0.0	0.0	0.0	7.8
23	18.0	29.4	21.3	87.7	.9	0.0	.9	6.5
24	17.2	29.5	22.6	76.7	0.0	1.0	1.0	8.3
25	16.1	27.5	20.3	84.7	.2	0.0	.2	4.6
26	14.6	29.8	22.2	72.3	0.0	0.0	0.0	7.4
27	16.1	30.9	21.2	80.3	2.5	0.0	2.5	7.9
28	17.2	29.5	21.9	81.0	0.0	0.0	0.0	7.1
29	16.4	31.0	22.6	74.7	0.0	0.0	0.0	8.3
30	15.0	31.5	21.9	64.7	0.0	6.2	6.2	8.1
31	16.8	27.3	20.3	83.0	.3	0.0	.3	4.8
Total :					19.2	75.0	94.2	189.8
Promedio :	17.2	29.6	22.1	79.9				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.4	30.5	21.9	74.0	0.0	0.0	0.0	7.5
2	16.4	30.4	22.2	72.3	0.0	0.0	0.0	7.6
3	16.0	27.5	20.6	85.0	.2	0.0	.2	3.9
4	14.5	30.4	21.9	75.7	0.0	1.6	1.6	9.0
5	17.0	31.0	21.8	75.7	0.0	0.0	0.0	8.8
6	15.5	31.5	22.4	71.3	0.0	0.0	0.0	8.5
7	16.0	29.8	22.4	76.7	0.0	.3	.3	6.8
8	17.5	31.4	23.2	71.0	0.0	13.4	13.4	8.8
9	17.0	28.4	21.8	77.7	0.0	0.0	0.0	3.4
10	16.5	30.5	23.0	69.7	0.0	0.0	0.0	8.5
11	16.3	30.0	22.2	67.3	0.0	0.0	0.0	7.5
12	15.4	31.8	23.6	67.0	0.0	0.0	0.0	9.3
13	17.0	30.0	23.1	75.0	0.0	0.0	0.0	4.7
14	17.5	32.5	23.5	70.7	0.0	0.0	0.0	6.9
15	18.0	32.0	24.5	66.7	0.0	0.0	0.0	6.8
16	19.0	33.8	24.6	64.3	0.0	0.0	0.0	8.1
17	16.4	33.5	23.7	62.3	0.0	0.0	0.0	8.9
18	16.2	30.8	22.5	66.3	0.0	0.0	0.0	5.5
19	17.3	28.5	21.8	78.3	0.0	0.0	0.0	3.8
20	17.5	31.6	23.4	70.3	0.0	0.0	0.0	7.0
21	18.5	33.4	25.0	63.3	0.0	0.0	0.0	6.7
22	18.5	32.0	24.2	68.0	0.0	14.9	14.9	7.3
23	17.5	29.8	20.7	81.0	15.6	0.0	15.6	4.3
24	15.5	31.6	22.7	71.0	0.0	8.9	8.9	7.2
25	17.5	32.5	23.1	72.0	0.0	17.1	17.1	8.0
26	18.0	28.4	21.5	80.0	0.0	5.5	5.5	3.0
27	18.1	24.8	20.6	89.0	1.6	0.0	1.6	1.0
28	18.0	32.3	22.2	77.0	1.5	22.6	24.1	4.8
29	17.5	23.0	19.5	88.3	4.0	0.0	4.0	0.0
30	16.5	30.0	21.6	76.3	0.0	0.0	0.0	6.0
31	17.7	29.0	22.2	78.0	0.0	10.9	10.9	4.5
Total :					22.9	95.2	118.1	194.1
Promedio :	16.9	30.4	22.5	73.6				

Estación : CENICAFE
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	29.0	20.0	87.3	1.3	4.2	5.5	2.8
2	17.9	27.0	21.1	82.7	0.0	0.0	0.0	4.1
3	17.5	29.9	22.0	75.7	0.0	3.7	3.7	6.7
4	17.3	31.8	23.0	71.0	0.0	0.0	0.0	8.8
5	17.2	29.5	22.2	74.7	0.0	0.0	0.0	6.2
6	18.0	30.2	23.4	74.0	0.0	0.0	0.0	4.9
7	17.8	31.5	23.1	71.7	0.0	0.0	0.0	8.3
8	16.3	32.4	23.4	70.0	0.0	0.0	0.0	8.6
9	17.0	29.9	22.2	73.0	0.0	0.0	0.0	5.1
10	17.5	27.8	21.7	82.0	1.9	2.6	4.5	2.3
11	18.1	29.2	21.8	81.7	0.0	0.0	0.0	3.6
12	15.4	31.5	23.2	68.3	0.0	0.0	0.0	8.5
13	16.8	31.3	24.0	68.0	0.0	1.2	1.2	8.2
14	18.0	28.8	22.2	81.7	.6	0.0	.6	2.2
15	17.9	31.5	22.9	75.0	0.0	0.0	0.0	6.6
16	18.0	29.0	21.7	80.7	0.0	.4	.4	3.5
17	17.6	25.7	21.3	85.3	0.0	0.0	0.0	1.4
18	18.0	23.7	19.5	91.0	3.1	1.6	4.7	0.0
19	16.5	28.0	21.0	79.3	0.0	0.0	0.0	2.3
20	17.5	29.9	22.3	76.0	0.0	2.2	2.2	7.4
21	17.8	32.2	23.7	71.3	0.0	0.0	0.0	7.2
22	16.4	31.5	22.3	70.7	0.0	0.0	0.0	8.8
23	17.0	29.8	20.9	73.3	11.3	0.0	11.3	5.7
24	16.3	29.5	22.3	74.7	0.0	.4	.4	5.9
25	17.0	29.0	21.4	80.0	0.0	33.9	33.9	4.1
26	16.8	26.0	19.4	93.0	1.0	13.3	14.3	2.0
27	17.5	29.5	21.8	81.3	.4	18.6	19.0	4.9
28	16.3	25.8	20.1	83.7	0.0	0.0	0.0	.7
29	15.5	28.9	22.2	76.3	0.0	.8	.8	6.6
30	17.4	32.0	22.3	72.7	0.0	.1	.1	8.0
31								
Total :					19.6	83.0	102.6	155.4
Promedio :	17.2	29.4	21.9	77.5				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	32.5	23.2	76.0	0.0	1.5	1.5	7.2
2	16.5	31.5	22.2	71.3	0.0	1.6	1.6	8.4
3	16.2	30.0	21.5	74.0	0.0	0.0	0.0	5.6
4	16.1	29.0	22.6	72.7	0.0	5.4	5.4	6.5
5	17.5	27.5	21.6	83.3	0.0	0.0	0.0	2.6
6	16.6	29.9	21.6	82.0	.7	2.9	3.6	5.6
7	18.0	25.2	19.8	91.0	1.3	0.0	1.3	1.8
8	16.3	28.9	21.4	80.3	0.0	0.0	0.0	4.4
9	17.0	29.5	22.3	76.3	0.0	0.0	0.0	6.6
10	18.7	32.0	23.9	74.0	0.0	7.0	7.0	8.8
11	17.0	28.5	20.0	85.3	3.6	0.0	3.6	3.0
12	16.0	27.0	20.7	81.7	0.0	0.0	0.0	1.7
13	17.0	29.4	22.0	71.3	0.0	0.0	0.0	4.5
14	16.3	32.3	21.3	76.0	9.5	0.0	9.5	8.8
15	17.2	27.0	21.5	84.7	.2	1.0	1.2	3.4
16	17.5	29.9	21.9	79.0	0.0	43.7	43.7	5.2
17	17.2	25.7	20.4	82.7	0.0	9.0	9.0	2.3
18	17.5	26.8	20.4	84.0	.1	0.0	.1	2.9
19	17.0	30.5	21.9	75.0	0.0	0.0	0.0	6.0
20	16.3	28.0	21.0	79.3	0.0	.7	.7	3.5
21	17.5	29.0	20.8	81.3	2.9	.3	3.2	5.4
22	17.4	24.0	19.6	93.0	.8	0.0	.8	.8
23	16.6	27.6	21.5	79.7	0.0	19.2	19.2	3.8
24	17.0	25.3	19.7	88.7	6.7	5.8	12.5	2.8
25	16.3	29.9	21.7	82.7	0.0	1.9	1.9	9.0
26	18.0	27.0	20.0	85.0	2.9	50.8	53.7	1.4
27	16.3	24.3	18.8	93.0	.5	0.0	.5	1.1
28	16.0	28.8	20.1	82.0	5.2	.1	5.3	5.5
29	16.3	26.3	19.9	86.3	31.1	46.1	77.2	1.8
30	17.0	25.4	19.2	87.7	.3	0.0	.3	1.7
31	16.2	28.8	21.6	78.0	0.0	4.3	4.3	7.3
Total :					65.8	201.3	267.1	139.4
Promedio :	16.9	28.3	21.1	81.2				

Estación : CENICAFE
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

Noviembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	28.5	20.5	84.0	.7	4.2	4.9	4.8
2	17.5	24.6	20.0	87.0	2.1	47.3	49.4	.8
3	17.3	22.2	18.9	91.0	.9	0.0	.9	.3
4	14.2	29.6	20.0	81.7	0.0	.5	.5	8.9
5	17.4	28.0	20.4	83.0	3.6	45.3	48.9	5.1
6	15.4	26.2	19.4	85.7	1.7	1.9	3.6	4.3
7	17.4	24.9	20.0	88.7	0.0	29.3	29.3	.2
8	16.4	25.6	20.0	85.0	.6	.2	.8	1.7
9	16.0	30.5	20.8	83.3	0.0	1.9	1.9	4.4
10	15.1	27.5	20.8	79.3	0.0	0.0	0.0	5.9
11	15.7	29.5	21.7	78.7	0.0	0.0	0.0	4.4
12	16.0	27.0	20.7	82.0	0.0	0.0	0.0	2.3
13	17.0	28.3	21.4	80.0	.3	4.3	4.6	1.4
14	17.6	26.8	20.9	83.3	0.0	0.0	0.0	3.2
15	17.5	27.0	21.2	84.0	0.0	.4	.4	3.5
16	17.2	30.4	22.0	77.7	0.0	1.2	1.2	7.0
17	16.5	27.4	20.4	83.0	.8	0.0	.8	1.7
18	17.1	29.8	21.2	81.0	0.0	0.0	0.0	6.7
19	16.8	27.4	21.1	79.3	.1	0.0	.1	3.5
20	15.6	31.4	22.4	72.7	0.0	0.0	0.0	9.4
21	18.0	29.9	23.1	76.3	0.0	0.0	0.0	6.5
22	18.3	31.4	22.6	80.0	0.0	0.0	0.0	7.1
23	17.1	31.0	22.1	79.3	0.0	0.0	0.0	7.6
24	17.8	29.5	22.0	77.3	0.0	0.0	0.0	5.8
25	16.6	30.8	23.0	77.3	0.0	0.0	0.0	6.9
26	17.6	30.5	22.3	81.3	0.0	0.0	0.0	5.0
27	17.4	32.4	23.7	75.7	0.0	4.8	4.8	7.7
28	18.8	32.5	23.2	78.7	0.0	11.0	11.0	6.0
29	18.0	24.4	20.9	89.7	.3	0.0	.3	1.7
30	17.0	31.0	22.4	77.0	0.0	7.8	7.8	7.0
31								
Total :					11.1	160.1	171.2	140.8
Promedio :	16.9	28.5	21.3	81.4				

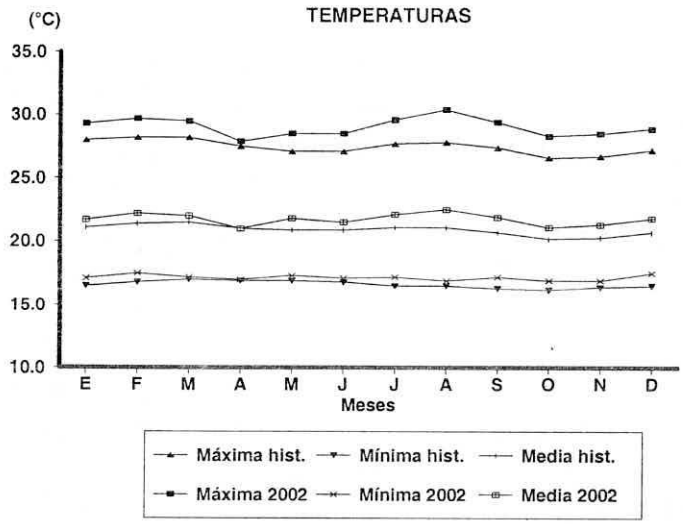
Diciembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	31.6	22.7	77.3	0.0	0.0	0.0	8.6
2	17.6	32.0	23.0	76.7	0.0	0.0	0.0	9.0
3	18.8	28.0	21.9	78.0	.1	0.0	.1	3.0
4	16.5	28.3	21.0	83.3	1.9	0.0	1.9	3.2
5	16.8	27.4	21.1	85.0	0.0	2.4	2.4	2.7
6	18.4	30.7	22.2	82.7	0.0	0.0	0.0	4.8
7	17.0	28.5	21.0	83.7	2.1	.3	2.4	3.3
8	18.0	26.5	20.6	92.3	23.5	0.0	23.5	2.3
9	17.5	29.5	22.2	83.3	0.0	0.0	0.0	5.5
10	17.0	31.2	23.3	77.0	0.0	10.9	10.9	9.4
11	19.0	28.5	22.1	84.0	0.0	0.0	0.0	2.1
12	18.0	30.8	23.2	78.3	0.0	0.0	0.0	7.7
13	18.7	30.9	23.4	78.3	0.0	.3	.3	6.4
14	18.4	25.4	20.8	91.3	6.4	10.0	16.4	.4
15	18.0	21.0	18.7	95.7	22.3	3.3	25.6	0.0
16	17.6	25.6	20.1	87.7	27.0	4.5	31.5	.9
17	17.4	25.4	20.1	91.3	0.0	9.1	9.1	.3
18	17.2	27.3	21.2	83.7	0.0	0.0	0.0	1.9
19	16.4	30.9	22.1	79.3	0.0	0.0	0.0	5.6
20	17.4	28.0	20.6	84.7	2.4	0.0	2.4	2.8
21	17.1	29.0	21.4	83.0	0.0	0.0	0.0	6.4
22	17.8	29.3	22.5	80.0	0.0	0.0	0.0	5.7
23	17.5	30.9	22.6	79.0	0.0	0.0	0.0	8.0
24	16.8	27.8	21.7	83.7	0.0	0.0	0.0	4.4
25	17.4	30.0	22.2	80.7	0.0	0.0	0.0	6.0
26	16.3	31.5	22.4	76.0	0.0	0.0	0.0	8.0
27	17.5	29.4	21.2	81.3	0.0	4.8	4.8	5.1
28	16.2	30.5	22.0	78.3	0.0	0.0	0.0	6.7
29	17.5	28.9	22.4	80.3	0.0	0.0	0.0	5.8
30	18.0	30.0	22.8	80.0	0.0	0.0	0.0	5.1
31	18.7	29.8	22.7	80.3	0.0	9.6	9.6	4.0
Total :					85.7	55.2	140.9	145.1
Promedio :	17.5	28.9	21.8	82.5				

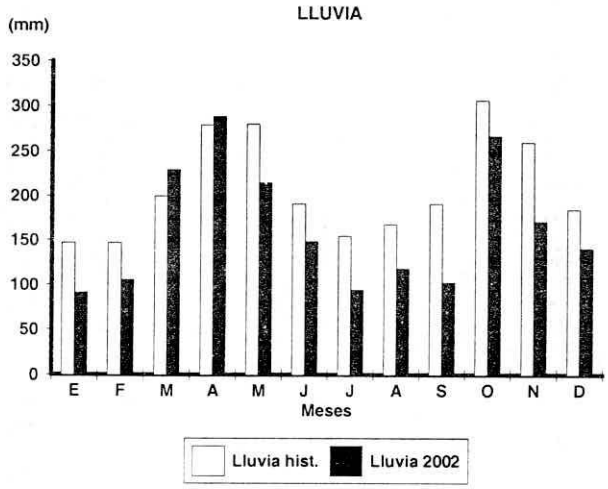
Estación : CENICAFE
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	17.1	29.3	21.7	32.5	15.2	80.0	91.1	18	195.3
Febrero	17.5	29.7	22.2	33.0	16.0	79.6	105.2	10	154.6
Marzo	17.2	29.5	22.0	32.6	15.4	79.6	229.4	19	153.1
Abril	17.0	27.9	21.0	31.7	15.1	84.8	288.2	24	108.0
Mayo	17.3	28.5	21.8	32.5	13.5	82.9	215.0	22	125.6
Junio	17.1	28.5	21.5	32.3	15.1	82.7	148.8	19	150.3
Julio	17.2	29.6	22.1	32.4	14.6	79.9	94.2	18	189.8
Agosto	16.9	30.4	22.5	33.8	14.4	73.6	118.1	13	194.1
Septiembre	17.2	29.4	21.9	32.4	15.4	77.5	102.6	15	155.4
Octubre	16.9	28.3	21.1	32.5	16.0	81.2	267.1	24	139.4
Noviembre	16.9	28.5	21.3	32.5	14.2	81.4	171.2	18	140.8
Diciembre	17.5	28.9	21.8	32.0	16.2	82.5	140.9	14	145.1
Promedio :	17.1	29.0	21.7			80.5			
Absoluta :				33.8	13.5				
Total :							1971.8	214	1851.5





Estación : NARANJAL
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	29.3	22.5	65.0	0.0	6.7	6.7	9.7
2	15.9	28.5	22.0	70.0	0.0	12.4	12.4	7.7
3	18.6	26.7	21.2	81.0	1.3	0.0	1.3	4.1
4	17.2	28.3	21.8	67.0	0.0	.3	.3	9.5
5	16.5	28.1	21.5	67.7	0.0	0.0	0.0	7.9
6	18.2	28.5	22.3	71.0	0.0	3.2	3.2	8.1
7	18.9	26.1	21.8	71.0	31.0	3.5	34.5	2.9
8	16.4	26.1	20.0	83.0	18.2	.2	18.4	4.6
9	17.7	26.2	20.2	81.0	.5	.1	.6	4.0
10	17.0	28.2	21.5	72.7	0.0	0.0	0.0	10.6
11	15.8	28.0	21.0	69.3	0.0	0.0	0.0	8.7
12	16.9	27.4	21.6	71.0	0.0	4.9	4.9	6.9
13	18.0	25.4	20.3	80.7	2.7	2.8	5.5	1.6
14	17.6	26.9	20.5	80.0	2.2	0.0	2.2	3.2
15	15.7	28.6	21.6	68.3	0.0	.3	.3	8.4
16	17.0	27.6	22.1	70.7	0.0	0.0	0.0	5.6
17	17.5	28.4	22.3	67.0	0.0	0.0	0.0	7.3
18	16.5	28.5	22.0	66.3	0.0	0.0	0.0	7.2
19	17.7	29.4	22.6	63.7	0.0	0.0	0.0	8.0
20	17.6	28.0	21.7	71.7	0.0	0.0	0.0	4.4
21	17.1	29.5	20.8	73.3	6.1	0.0	6.1	8.7
22	17.0	28.9	21.5	71.0	.1	0.0	.1	7.9
23	15.4	29.5	22.2	66.0	2.6	0.0	2.6	8.2
24	17.8	27.9	21.7	73.7	0.0	11.4	11.4	3.7
25	18.3	27.6	22.1	76.0	0.0	0.0	0.0	4.0
26	18.2	28.8	22.5	73.0	0.0	.8	.8	5.3
27	17.8	30.6	23.2	61.0	0.0	0.0	0.0	8.6
28	16.5	30.0	22.8	60.0	0.0	0.0	0.0	9.2
29	16.7	30.3	22.4	65.0	0.0	1.7	1.7	7.9
30	18.5	24.7	20.5	86.7	.3	0.0	.3	1.0
31	16.4	24.9	20.4	82.0	0.0	0.0	0.0	.1
Total :					65.0	48.3	113.3	195.0
Promedio :	17.2	28.0	21.6	71.8				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.3	28.5	22.6	70.0	0.0	1.6	1.6	4.5
2	18.4	29.4	23.3	66.3	0.0	32.2	32.2	7.5
3	18.2	24.5	20.6	87.7	.4	.1	.5	0.0
4	17.6	24.2	20.0	83.3	0.0	0.0	0.0	0.0
5	16.1	29.4	21.6	66.7	0.0	0.0	0.0	8.5
6	16.0	29.5	21.7	68.3	0.0	0.0	0.0	8.6
7	16.1	28.6	22.0	67.7	0.0	.2	.2	8.4
8	17.6	25.1	20.0	84.0	1.9	3.2	5.1	2.5
9	17.5	27.5	21.0	76.0	0.0	0.0	0.0	4.0
10	16.8	29.8	22.2	64.0	0.0	.9	.9	7.6
11	18.7	29.6	22.4	72.3	0.0	8.1	8.1	6.1
12	18.1	28.8	22.2	69.7	.1	0.0	.1	5.3
13	17.9	29.1	22.8	69.3	0.0	0.0	0.0	7.7
14	18.1	28.6	21.8	68.3	0.0	0.0	0.0	5.8
15	15.6	28.3	22.5	68.7	0.0	0.0	0.0	6.6
16	18.4	28.6	22.4	71.0	0.0	0.0	0.0	6.4
17	17.4	29.5	23.2	67.0	0.0	.1	.1	8.1
18	18.3	29.8	24.0	65.3	0.0	25.1	25.1	7.9
19	18.6	26.6	21.4	79.7	2.3	0.0	2.3	3.9
20	16.6	30.0	22.7	66.0	0.0	.2	.2	9.0
21	18.6	29.0	22.7	66.7	0.0	0.0	0.0	5.3
22	18.0	26.7	21.4	78.7	0.0	1.5	1.5	1.0
23	15.6	28.4	21.8	71.7	0.0	0.0	0.0	4.9
24	16.2	30.3	22.7	61.3	0.0	0.0	0.0	9.6
25	17.5	30.0	23.5	66.7	0.0	0.0	0.0	8.5
26	18.1	28.0	21.3	74.7	.2	0.0	.2	6.0
27	17.9	26.0	21.5	82.0	0.0	21.6	21.6	2.2
28	17.6	29.0	22.3	73.7	0.0	0.0	0.0	7.0
29								
30								
31								
Total :					4.9	94.8	99.7	162.9
Promedio :	17.5	28.3	22.1	71.7				

Estación : NARANJAL
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.1	30.8	23.5	63.7	0.0	0.0	0.0	7.6
2	17.2	30.4	23.5	67.7	0.0	0.0	0.0	7.0
3	18.2	30.9	23.9	62.7	0.0	3.9	3.9	9.0
4	18.2	29.0	23.3	66.0	0.0	0.0	0.0	6.7
5	17.7	28.9	22.6	64.0	0.0	0.0	0.0	7.8
6	17.6	29.0	21.6	70.0	.9	0.0	.9	5.8
7	17.3	30.8	22.9	61.0	0.0	0.0	0.0	7.6
8	17.0	30.5	23.2	65.7	0.0	0.0	0.0	7.7
9	18.0	29.3	22.6	68.7	0.0	0.0	0.0	4.1
10	17.2	30.1	23.2	60.7	0.0	0.0	0.0	6.8
11	16.4	29.9	23.0	65.0	0.0	15.2	15.2	7.4
12	18.1	26.5	21.1	85.7	0.0	0.0	0.0	2.4
13	16.8	28.4	23.0	67.0	0.0	38.5	38.5	6.2
14	16.7	26.4	20.5	78.7	.8	1.6	2.4	4.1
15	17.7	26.9	20.8	83.3	.2	0.0	.2	1.5
16	16.4	27.6	21.9	73.0	.1	18.9	19.0	4.4
17	17.5	22.9	20.0	93.3	0.0	0.0	0.0	0.0
18	17.4	28.0	22.0	68.0	0.0	4.4	4.4	3.0
19	18.1	23.5	19.0	97.0	2.0	0.0	2.0	.9
20	16.9	26.4	20.8	77.3	12.4	9.3	21.7	3.7
21	17.5	21.6	19.1	95.0	.5	0.0	.5	0.0
22	16.7	27.8	21.3	74.7	1.2	0.0	1.2	5.2
23	16.7	24.5	20.4	87.7	.2	0.0	.2	.2
24	16.7	28.8	22.2	72.7	0.0	3.8	3.8	3.2
25	17.5	29.4	22.4	73.3	0.0	0.0	0.0	4.4
26	17.6	30.2	22.9	68.3	0.0	0.0	0.0	5.9
27	17.7	27.9	21.1	78.0	2.7	0.0	2.7	4.1
28	15.5	28.0	21.0	70.7	.5	1.6	2.1	5.3
29	16.0	26.5	20.9	72.7	0.0	0.0	0.0	4.6
30	15.4	29.8	22.2	65.3	0.0	0.0	0.0	10.2
31	18.0	30.4	24.2	59.7	0.0	1.4	1.4	7.1
Total					21.5	98.6	120.1	153.9
Promedio :	17.2	28.1	21.9	72.8				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.1	28.0	22.5	72.7	0.0	11.2	11.2	4.0
2	17.5	23.4	20.2	89.7	1.3	0.0	1.3	0.0
3	17.1	28.0	21.5	78.7	0.0	0.0	0.0	4.0
4	17.6	26.4	22.2	80.3	0.0	0.0	0.0	3.6
5	17.9	28.7	21.5	71.3	0.0	0.0	0.0	4.3
6	16.5	28.4	20.3	75.3	9.4	0.0	9.4	6.4
7	16.8	22.9	18.8	97.0	6.7	7.1	13.8	1.3
8	17.3	26.5	20.6	80.3	3.6	30.3	33.9	3.6
9	15.9	24.4	19.8	87.3	0.0	10.8	10.8	1.6
10	15.1	24.1	19.8	75.0	0.0	0.0	0.0	1.8
11	16.5	27.0	19.7	80.7	2.2	17.9	20.1	2.8
12	16.9	28.0	21.1	73.0	0.0	9.0	9.0	5.7
13	17.0	26.6	20.3	75.0	0.0	0.0	0.0	4.0
14	16.0	27.2	22.2	67.3	0.0	.1	.1	5.2
15	17.6	28.8	21.7	74.0	1.6	1.5	3.1	6.7
16	16.2	28.6	22.7	67.7	0.0	0.0	0.0	7.8
17	18.8	26.6	21.8	78.0	0.0	0.0	0.0	2.3
18	17.9	23.1	19.2	94.3	8.8	0.0	8.8	0.0
19	15.7	28.0	21.5	72.7	0.0	8.8	8.8	4.8
20	18.1	27.7	21.6	79.7	0.0	14.4	14.4	3.6
21	18.3	26.0	21.4	84.7	0.0	0.0	0.0	2.9
22	16.8	28.7	23.0	73.3	0.0	28.9	28.9	7.9
23	18.0	28.4	22.8	81.3	5.4	8.1	13.5	7.4
24	18.6	26.1	21.1	86.3	.7	37.6	38.3	1.7
25	17.0	19.5	18.2	97.3	5.3	.9	6.2	0.0
26	16.9	25.0	20.1	86.0	.8	3.0	3.8	1.0
27	17.4	24.6	20.2	83.7	5.4	0.0	5.4	2.6
28	16.8	27.0	20.6	79.0	0.0	15.2	15.2	4.3
29	16.0	28.4	21.0	83.3	2.8	.7	3.5	8.0
30	17.9	24.2	20.4	86.7	8.1	0.0	8.1	.2
31								
Total					62.1	205.5	267.6	109.5
Promedio :	17.2	26.3	20.9	80.4				

Estación : NARANJAL
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

Mayo	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	28.6	22.1	70.3	0.0	0.0	0.0	6.2
2	17.7	28.5	22.0	73.3	0.0	2.2	2.2	5.4
3	17.9	29.0	22.5	72.7	.3	0.0	.3	5.4
4	17.6	28.5	23.0	69.0	0.0	.9	.9	6.5
5	18.1	31.1	23.8	61.7	0.0	11.5	11.5	7.2
6	19.1	29.3	22.9	70.7	0.0	0.0	0.0	6.4
7	18.9	28.5	23.3	72.3	0.0	.5	.5	5.8
8	18.4	27.1	21.7	77.3	0.0	0.0	0.0	1.4
9	16.6	30.1	23.4	68.3	0.0	0.0	0.0	7.0
10	18.4	28.8	23.1	69.3	0.0	6.7	6.7	5.6
11	18.7	26.7	21.7	84.7	0.0	0.0	0.0	2.6
12	16.4	30.3	23.1	65.3	0.0	0.0	0.0	7.1
13	18.1	26.9	21.9	75.0	0.0	0.0	0.0	.8
14	17.4	28.6	22.6	76.7	0.0	0.0	0.0	4.8
15	19.0	28.3	22.3	77.7	1.6	.2	1.8	2.6
16	19.4	27.5	22.7	80.0	0.0	13.6	13.6	3.3
17	19.0	25.5	21.0	87.3	3.9	9.6	13.5	1.4
18	17.3	26.7	22.5	80.3	0.0	31.3	31.3	3.9
19	17.2	26.7	21.3	78.7	.2	4.1	4.3	3.4
20	18.0	28.0	22.6	77.7	0.0	13.5	13.5	3.8
21	18.2	24.5	20.6	84.0	0.0	1.2	1.2	.7
22	17.6	24.6	20.7	84.0	0.0	0.0	0.0	.3
23	16.1	25.8	21.5	82.0	0.0	60.5	60.5	1.8
24	15.5	26.1	20.8	85.3	0.0	4.5	4.5	3.7
25	15.6	21.2	17.7	94.0	40.7	2.8	43.5	0.0
26	14.0	24.7	19.1	80.0	0.0	0.0	0.0	4.7
27	16.3	27.1	21.2	76.7	0.0	27.6	27.6	3.5
28	13.5	24.0	18.2	79.3	0.0	.3	.3	3.8
29	16.0	27.0	20.8	68.0	0.0	.6	.6	6.9
30	17.1	25.5	20.9	78.0	.4	2.4	2.8	3.5
31	16.9	21.1	18.8	95.0	.4	0.0	.4	0.0
Total :					47.5	194.0	241.5	119.5
Promedio :	17.3	27.0	21.6	77.2				

Junio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.3	21.6	75.7	0.0	4.2	4.2	4.3
2	17.2	25.9	20.6	86.7	13.2	0.0	13.2	5.3
3	17.8	25.4	20.1	94.3	1.0	0.0	1.0	2.6
4	17.5	21.9	19.2	95.7	7.3	1.0	8.3	.2
5	16.6	25.0	19.4	83.7	28.7	40.8	69.5	3.7
6	16.5	23.6	19.7	83.0	1.1	14.7	15.8	.8
7	16.0	23.4	18.4	89.0	1.8	0.0	1.8	1.9
8	16.4	26.9	20.1	75.7	.3	8.7	9.0	4.4
9	17.0	24.1	19.8	81.0	0.0	0.0	0.0	2.8
10	15.6	25.3	20.7	79.0	1.4	5.5	6.9	3.7
11	17.1	26.5	21.3	78.0	.5	0.0	.5	4.5
12	17.4	27.0	21.4	73.3	0.0	.2	.2	0.0
13	18.1	25.1	21.3	78.0	0.0	0.0	0.0	1.5
14	16.6	27.7	21.6	68.0	0.0	0.0	0.0	7.3
15	16.7	27.2	21.6	73.3	.1	0.0	.1	6.3
16	16.4	28.1	22.0	65.3	0.0	0.0	0.0	5.5
17	17.5	25.7	21.4	79.7	.3	1.0	1.3	3.5
18	17.6	27.6	21.5	81.0	0.0	0.0	0.0	4.8
19	17.0	30.7	23.1	66.7	0.0	.7	.7	9.2
20	17.4	28.5	21.9	70.7	0.0	0.0	0.0	4.8
21	17.5	28.9	23.2	70.0	0.0	0.0	0.0	5.2
22	17.4	28.7	22.8	70.7	0.0	0.0	0.0	7.2
23	17.3	28.5	23.0	64.7	0.0	0.0	0.0	7.0
24	16.9	28.5	22.2	71.3	0.0	0.0	0.0	5.6
25	17.3	27.5	21.9	73.7	0.0	0.0	0.0	6.2
26	16.3	29.6	23.0	69.7	0.0	0.0	0.0	6.9
27	18.0	28.9	23.1	71.3	0.0	9.7	9.7	7.0
28	18.8	27.6	23.0	74.3	6.3	32.4	38.7	5.0
29	18.0	28.5	21.5	74.0	.1	0.0	.1	4.5
30	17.7	30.5	23.5	66.7	0.0	0.0	0.0	8.3
31								
Total :					62.1	118.9	181.0	140.0
Promedio :	17.2	27.0	21.5	76.1				

Estación : NARANJAL
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	29.5	23.0	69.7	0.0	0.0	0.0	8.7
2	17.0	29.8	23.5	63.7	0.0	0.0	0.0	6.9
3	17.9	30.6	23.4	67.7	0.0	6.8	6.8	7.9
4	18.6	28.5	22.6	75.3	.4	14.6	15.0	7.1
5	17.2	23.6	19.6	94.0	18.8	13.6	32.4	.4
6	17.4	22.9	19.2	89.3	.4	0.0	.4	0.0
7	16.1	29.0	22.0	73.0	0.0	0.0	0.0	7.0
8	18.6	29.8	23.4	72.0	0.0	.4	.4	5.7
9	18.8	29.4	23.0	71.3	0.0	13.6	13.6	7.4
10	19.0	26.6	21.8	80.0	3.6	0.0	3.6	1.3
11	16.8	27.0	21.8	76.0	.2	14.2	14.4	4.7
12	16.2	29.9	21.9	71.7	0.0	0.0	0.0	8.8
13	16.7	31.1	23.2	59.0	0.0	0.0	0.0	9.2
14	16.4	29.8	22.5	65.0	0.0	0.0	0.0	7.4
15	17.8	28.7	22.5	74.7	.5	3.9	4.4	5.0
16	17.5	29.0	22.3	73.3	0.0	29.3	29.3	5.3
17	18.4	28.0	22.2	76.3	0.0	17.2	17.2	4.8
18	18.5	24.4	20.3	85.3	3.6	0.0	3.6	1.0
19	17.4	27.8	21.6	75.3	.4	24.0	24.4	3.7
20	17.5	26.4	21.2	79.3	0.0	8.7	8.7	2.3
21	16.6	27.2	21.2	76.3	0.0	.7	.7	4.3
22	17.6	28.4	22.0	71.7	0.0	0.0	0.0	7.3
23	18.5	26.9	21.7	71.7	0.0	0.0	0.0	5.5
24	17.4	27.8	22.1	66.7	0.0	.5	.5	6.5
25	16.4	24.9	20.2	81.3	1.7	0.0	1.7	3.9
26	15.0	29.7	22.8	59.7	0.0	0.0	0.0	7.0
27	16.4	29.4	21.4	70.0	.2	0.0	.2	8.4
28	16.6	28.5	22.1	74.7	0.0	0.0	0.0	5.9
29	16.5	28.8	22.0	67.7	0.0	0.0	0.0	7.1
30	14.6	29.4	21.7	59.0	0.0	20.1	20.1	7.5
31	16.7	25.9	20.2	78.7	.2	0.0	.2	3.7
Total :					30.0	167.6	197.6	171.7
Promedio :	17.2	28.0	21.9	73.2				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	29.4	21.6	63.3	0.0	0.0	0.0	8.0
2	16.2	27.9	21.4	67.7	0.0	0.0	0.0	7.1
3	16.4	25.7	20.1	72.3	.1	0.0	.1	3.3
4	15.0	28.6	21.5	71.0	0.0	1.2	1.2	8.8
5	16.8	29.8	21.7	66.3	0.0	0.0	0.0	8.9
6	16.2	29.9	22.4	62.0	0.0	0.0	0.0	8.3
7	15.9	28.6	22.2	72.3	0.0	.3	.3	3.2
8	17.2	28.8	23.1	65.7	0.0	3.1	3.1	6.3
9	17.9	26.9	22.0	72.3	.8	0.0	.8	4.3
10	16.7	29.0	22.1	66.3	0.0	0.0	0.0	6.1
11	15.9	29.5	22.0	64.3	0.0	0.0	0.0	8.2
12	15.0	30.4	22.8	57.0	0.0	0.0	0.0	7.5
13	16.4	28.3	22.6	67.0	0.0	0.0	0.0	4.8
14	17.6	29.6	22.9	64.7	0.0	0.0	0.0	7.0
15	17.1	30.9	24.0	58.3	0.0	0.0	0.0	7.2
16	18.4	31.6	23.2	60.7	0.0	0.0	0.0	8.2
17	16.4	31.4	23.4	51.3	0.0	0.0	0.0	8.4
18	16.3	28.5	22.2	61.3	0.0	0.0	0.0	5.6
19	17.0	27.7	21.7	75.7	0.0	34.1	34.1	3.2
20	17.4	29.3	22.0	70.7	1.1	0.0	1.1	6.6
21	18.0	30.9	24.2	62.0	0.0	12.1	12.1	6.9
22	18.4	29.7	23.0	68.0	0.0	.5	.5	6.7
23	18.2	28.9	21.4	77.0	.9	0.0	.9	4.1
24	15.9	30.8	22.7	68.3	0.0	30.9	30.9	8.6
25	16.8	30.5	22.6	68.7	0.0	7.9	7.9	7.9
26	18.2	26.8	21.0	83.7	1.0	4.5	5.5	1.9
27	18.0	24.0	20.4	85.3	3.0	0.0	3.0	.7
28	17.1	28.6	21.0	77.7	6.4	38.0	44.4	4.1
29	16.6	22.5	19.4	87.3	5.0	0.0	5.0	0.0
30	16.2	27.7	21.1	74.3	0.0	0.0	0.0	5.3
31	17.9	27.9	22.0	73.7	0.0	12.9	12.9	4.8
Total :					18.3	145.5	163.8	182.0
Promedio :	16.8	28.7	22.1	68.9				

Estación : NARANJAL
Año : 2002

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	18.0	26.6	19.5	92.7	10.9	3.7	14.6	2.7
2	17.5	26.7	20.2	81.3	.3	.2	.5	4.6
3	17.3	28.7	22.2	73.3	0.0	4.0	4.0	6.6
4	17.5	29.9	22.4	68.0	0.0	0.0	0.0	8.7
5	16.6	28.8	22.2	69.3	0.0	0.0	0.0	7.3
6	18.4	29.6	23.4	71.0	0.0	1.8	1.8	4.9
7	17.8	29.8	22.7	69.0	0.0	0.0	0.0	7.7
8	16.9	30.3	23.4	65.7	0.0	0.0	0.0	8.0
9	16.8	28.5	22.1	71.3	0.0	0.0	0.0	4.4
10	18.4	26.8	21.6	76.7	0.0	4.9	4.9	1.3
11	18.2	26.4	20.9	79.7	.5	0.0	.5	3.8
12	15.5	29.8	22.5	65.3	0.0	0.0	0.0	8.3
13	16.8	30.2	23.1	68.0	0.0	14.1	14.1	8.2
14	19.0	26.5	21.7	78.3	2.8	0.0	2.8	5.8
15	17.8	29.7	22.4	72.7	0.0	16.6	16.6	1.2
16	17.6	27.6	21.5	79.0	0.0	0.0	0.0	2.8
17	17.4	24.8	21.2	81.7	0.0	.2	.2	1.4
18	17.7	22.0	19.7	91.0	2.8	1.2	4.0	0.0
19	17.0	27.4	20.4	78.3	0.0	0.0	0.0	2.0
20	17.1	27.8	21.8	72.0	0.0	21.7	21.7	6.2
21	17.8	29.7	23.2	65.0	0.0	0.0	0.0	7.5
22	16.5	29.4	22.0	65.3	0.0	0.0	0.0	8.6
23	16.7	28.6	22.3	66.7	2.8	10.9	13.7	6.0
24	16.4	27.0	21.9	71.0	0.0	1.0	1.0	5.3
25	17.3	26.5	20.8	75.7	0.0	36.1	36.1	4.3
26	16.7	24.5	19.0	89.3	1.5	39.7	41.2	2.9
27	17.5	27.5	21.8	75.0	0.0	11.9	11.9	4.0
28	16.6	24.4	19.9	84.7	.2	.1	.3	.8
29	15.7	27.1	21.8	74.3	0.0	9.0	9.0	5.9
30	17.4	29.8	22.4	71.0	0.0	.1	.1	8.7
31								
Total :					21.8	177.2	199.0	149.9
Promedio :	17.3	27.7	21.7	74.7				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	30.3	22.8	69.0	0.0	5.1	5.1	7.4
2	16.3	28.8	22.2	71.7	0.0	0.0	0.0	8.4
3	16.5	28.1	21.5	66.3	0.0	0.0	0.0	6.3
4	16.6	27.9	22.7	66.3	0.0	.9	.9	6.4
5	17.8	26.5	21.6	78.7	0.0	0.0	0.0	2.8
6	16.6	27.6	22.0	74.3	0.0	0.0	0.0	6.4
7	18.8	22.7	20.0	95.7	15.6	5.3	20.9	1.2
8	16.6	28.5	21.2	72.7	0.0	0.0	0.0	5.7
9	16.8	28.6	22.1	69.7	0.0	0.0	0.0	7.4
10	18.9	29.5	23.5	72.0	0.0	7.2	7.2	8.1
11	17.1	25.5	19.4	85.7	5.1	0.0	5.1	2.4
12	15.6	26.0	20.5	79.7	.1	0.0	.1	2.8
13	17.0	28.4	22.0	69.0	0.0	0.0	0.0	4.2
14	16.3	29.1	21.6	72.7	.6	0.0	.6	9.3
15	17.3	27.0	21.2	79.0	.5	3.2	3.7	3.8
16	17.1	28.8	21.8	76.0	0.0	28.9	28.9	5.5
17	16.8	25.9	20.7	75.7	0.0	47.9	47.9	3.4
18	16.9	23.8	19.8	83.0	.6	0.0	.6	1.0
19	16.8	28.5	21.4	70.7	0.0	0.0	0.0	6.7
20	16.1	26.2	20.7	74.7	.1	1.1	1.2	3.6
21	17.0	27.6	21.2	75.0	.8	.9	1.7	5.7
22	17.1	23.7	19.8	93.0	0.0	0.0	0.0	1.7
23	17.2	26.5	21.4	74.3	0.0	16.0	16.0	2.7
24	17.3	25.0	19.4	86.3	10.2	.7	10.9	3.1
25	16.6	27.7	21.6	74.3	0.0	4.8	4.8	8.1
26	17.9	25.9	19.5	95.0	6.7	40.3	47.0	2.4
27	15.6	23.3	19.8	88.3	0.0	0.0	0.0	1.3
28	16.0	26.9	19.8	76.7	11.2	.7	11.9	6.2
29	16.6	26.1	20.1	82.7	5.4	54.1	59.5	3.5
30	16.7	23.9	19.0	89.3	.4	0.0	.4	1.9
31	16.0	27.9	21.4	76.7	0.0	4.4	4.4	8.1
Total :					57.3	221.5	278.8	147.5
Promedio :	16.9	26.8	21.0	77.9				

Estación : NARANJAL
Año : 2002

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	17.6	26.5	20.5	84.7	8.5	1.7	10.2	3.9
2	17.8	25.1	20.4	82.7	0.0	18.4	18.4	1.9
3	17.1	21.8	18.9	92.7	1.7	0.0	1.7	.3
4	14.4	26.7	19.8	76.0	0.0	8.0	8.0	8.8
5	16.9	24.6	20.1	84.0	7.9	69.4	77.3	4.6
6	15.6	25.2	20.1	80.3	0.0	.5	.5	5.8
7	17.5	23.5	19.9	85.7	.1	17.6	17.7	.5
8	16.4	24.9	19.5	82.0	.3	.2	.5	1.7
9	16.6	27.8	20.9	70.3	0.0	.4	.4	4.1
10	15.9	26.4	20.6	74.7	.2	0.0	.2	5.1
11	15.8	27.9	21.1	72.0	0.0	0.0	0.0	4.6
12	17.0	25.7	20.8	78.7	0.0	0.0	0.0	1.6
13	17.9	26.7	21.2	77.7	.2	34.5	34.7	2.5
14	17.1	26.4	20.8	81.3	0.0	15.0	15.0	2.9
15	17.9	26.1	21.0	82.3	0.0	0.0	0.0	3.5
16	17.2	27.8	22.1	69.7	0.0	37.6	37.6	6.8
17	16.0	25.4	20.4	82.3	.4	.9	1.3	2.5
18	16.6	25.4	20.9	79.3	0.0	0.0	0.0	5.4
19	16.8	25.7	21.0	77.7	0.0	0.0	0.0	4.9
20	16.3	29.9	21.9	67.3	0.0	0.0	0.0	9.2
21	17.8	27.7	22.2	75.3	0.0	6.9	6.9	7.0
22	18.5	28.8	22.2	78.7	0.0	.1	.1	7.4
23	17.4	29.0	21.3	73.3	0.0	1.3	1.3	8.4
24	17.9	27.9	22.2	75.0	0.0	0.0	0.0	6.4
25	16.9	29.5	22.6	72.7	0.0	0.0	0.0	7.5
26	18.1	28.2	21.9	77.7	0.0	.2	.2	5.0
27	18.0	30.8	23.2	72.7	0.0	.3	.3	8.8
28	19.5	29.7	23.0	70.7	.1	13.8	13.9	6.5
29	18.9	24.8	21.0	88.7	1.4	0.0	1.4	1.6
30	16.8	28.3	22.3	64.7	0.0	14.8	14.8	6.4
31								
Total :					20.8	241.6	262.4	145.6
Promedio :	17.1	26.8	21.1	77.7				

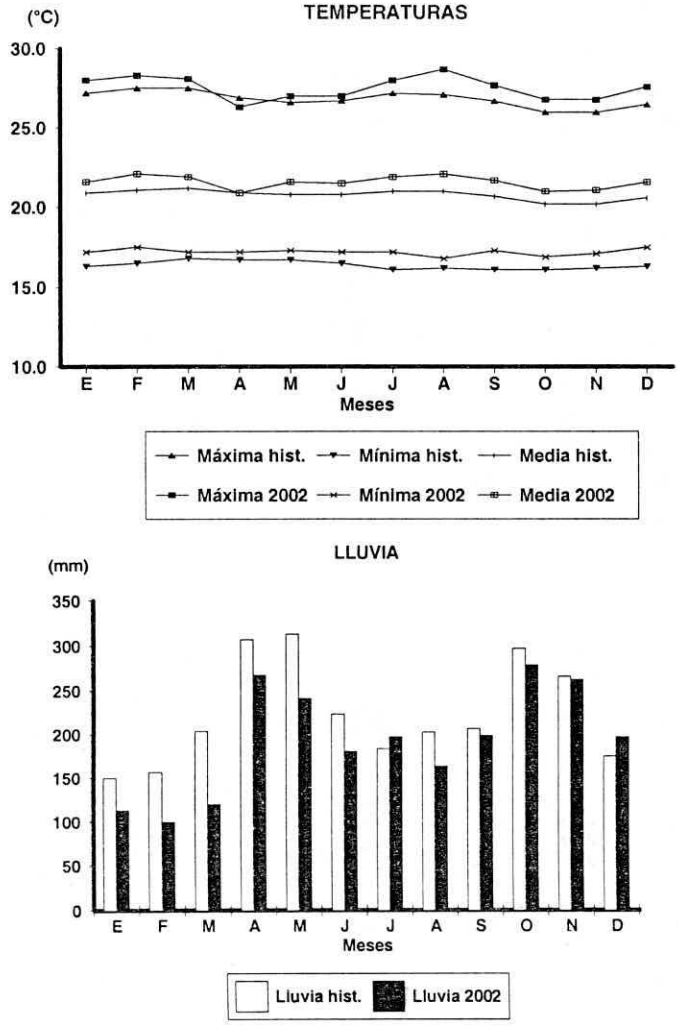
Diciembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	30.4	22.5	73.0	0.0	0.0	0.0	9.6
2	17.5	30.7	22.8	71.0	0.0	.1	.1	8.4
3	18.4	26.8	21.4	78.0	0.0	0.0	0.0	3.0
4	16.5	27.0	20.9	83.7	.2	0.0	.2	3.0
5	16.7	26.8	21.4	79.0	0.0	.5	.5	2.7
6	17.4	28.7	21.8	75.0	0.0	0.0	0.0	5.3
7	16.8	27.5	20.8	81.7	24.6	0.0	24.6	4.5
8	17.9	23.7	20.2	92.7	24.1	0.0	24.1	2.0
9	17.4	28.4	21.3	82.0	0.0	0.0	0.0	7.7
10	16.9	28.8	22.8	69.7	0.0	35.1	35.1	9.8
11	18.8	27.4	22.0	81.3	0.0	0.0	0.0	3.0
12	17.9	29.5	22.8	73.3	0.0	0.0	0.0	8.2
13	18.9	28.8	23.0	73.0	0.0	0.0	0.0	7.6
14	18.3	25.3	20.6	87.3	31.2	22.1	53.3	.1
15	17.8	20.6	18.6	97.7	32.7	3.2	35.9	0.0
16	16.6	25.8	20.2	79.7	0.0	1.9	1.9	2.3
17	17.4	24.0	19.6	81.7	10.9	7.8	18.7	.4
18	17.0	24.6	20.4	75.7	0.0	0.0	0.0	.9
19	16.6	28.4	21.5	70.0	0.0	0.0	0.0	6.2
20	17.3	27.0	20.8	75.3	2.7	0.0	2.7	2.7
21	17.0	27.7	21.8	73.0	0.0	0.0	0.0	5.4
22	18.4	28.5	22.8	64.3	0.0	0.0	0.0	5.3
23	17.6	29.5	22.6	65.0	0.0	0.0	0.0	7.4
24	16.8	27.0	21.7	73.0	0.0	0.0	0.0	4.5
25	17.4	28.9	22.1	72.3	0.0	0.0	0.0	5.7
26	16.6	29.5	22.0	65.7	0.0	0.0	0.0	8.1
27	18.0	28.4	21.2	73.7	0.0	0.0	0.0	4.7
28	17.6	28.8	22.6	60.3	0.0	0.0	0.0	6.1
29	18.5	27.9	22.6	69.7	0.0	0.0	0.0	5.7
30	18.0	28.9	22.8	71.0	0.0	0.0	0.0	6.0
31	18.5	29.1	22.4	72.3	0.0	.2	.2	5.5
Total :					126.4	70.9	197.3	151.8
Promedio :	17.5	27.6	21.6	75.5				

Estación : NARANJAL
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	17.2	28.0	21.6	30.6	15.4	71.8	113.3	19	195.0
Febrero	17.5	28.3	22.1	30.3	15.6	71.7	99.7	15	162.9
Marzo	17.2	28.1	21.9	30.9	15.4	72.8	120.1	17	153.9
Abril	17.2	26.3	20.9	28.8	15.1	80.4	267.6	22	109.5
Mayo	17.3	27.0	21.6	31.1	13.5	77.2	241.5	21	119.5
Junio	17.2	27.0	21.5	30.7	15.6	76.1	181.0	17	140.0
Julio	17.2	28.0	21.9	31.1	14.6	73.2	197.6	20	171.7
Agosto	16.8	28.7	22.1	31.6	14.2	68.9	163.8	17	182.0
Septiembre	17.3	27.7	21.7	30.3	15.5	74.7	199.0	20	149.9
Octubre	16.9	26.8	21.0	30.3	15.6	77.9	278.8	21	147.5
Noviembre	17.1	26.8	21.1	30.8	14.4	77.7	262.4	22	145.6
Diciembre	17.5	27.6	21.6	30.7	16.5	75.5	197.3	12	151.8
Promedio :	17.2	27.5	21.6			74.8			
Absoluta :				31.6	13.5				
Total :							2322.1	223	1829.3



Estación : LA TRINIDAD
Año : 2002

Dpto. : CAUCA
Mpio. : PIENDAMO

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	25.2	19.3	77.0	0.0	0.0	0.0	7.6
2	14.4	25.5	19.9	75.7	0.0	0.0	0.0	6.9
3	14.1	24.2	17.9	77.7	.5	3.6	4.1	5.5
4	15.2	24.4	19.6	73.7	0.0	0.0	0.0	7.7
5	14.6	25.5	20.4	75.7	0.0	0.0	0.0	7.5
6	15.3	25.0	19.8	74.7	2.1	12.5	14.6	8.5
7	15.0	23.2	17.0	92.7	6.5	0.0	6.5	2.1
8	12.2	23.4	18.6	79.7	3.7	27.7	31.4	7.6
9	15.6	22.2	17.9	82.7	0.0	0.0	0.0	.1
10	13.8	24.9	19.4	76.7	0.0	0.0	0.0	8.4
11	15.0	25.1	20.2	76.7	0.0	3.0	3.0	7.0
12	16.2	25.0	19.0	79.0	.4	18.1	18.5	4.9
13	15.2	23.0	17.7	83.7	4.2	0.0	4.2	1.7
14	13.5	24.5	18.5	81.7	.6	.4	1.0	5.2
15	14.0	24.0	19.3	75.3	0.0	0.0	0.0	5.7
16	14.2	24.9	17.4	77.7	1.6	0.0	1.6	8.6
17	14.0	25.0	18.3	79.3	.2	0.0	.2	5.4
18	13.2	25.1	19.3	68.0	0.0	0.0	0.0	8.1
19	14.2	25.4	20.0	73.3	0.0	.7	.7	7.4
20	15.4	25.5	18.0	82.7	10.4	1.7	12.1	4.3
21	14.4	25.2	17.5	79.0	21.8	0.0	21.8	5.5
22	14.0	26.2	20.4	74.3	0.0	0.0	0.0	4.7
23	14.4	26.0	20.6	75.3	0.0	0.0	0.0	6.9
24	15.5	25.8	20.4	74.3	0.0	0.0	0.0	5.8
25	15.4	24.2	19.8	80.7	0.0	0.0	0.0	4.8
26	16.2	26.0	20.4	79.0	0.0	0.0	0.0	2.8
27	16.0	26.4	21.1	68.7	0.0	0.0	0.0	7.8
28	15.0	28.4	21.4	67.7	0.0	0.0	0.0	10.2
29	14.8	26.8	20.8	75.0	0.0	0.0	0.0	7.6
30	15.4	26.2	20.6	79.7	.3	0.0	.3	5.6
31	17.0	23.0	19.0	92.7	13.3	.1	13.4	.8
Total :					65.6	67.8	133.4	182.7
Promedio :	14.8	25.0	19.3	77.7				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	24.5	19.2	83.3	2.1	0.0	2.1	3.6
2	14.5	26.6	21.2	70.3	0.0	0.0	0.0	9.5
3	14.2	23.0	17.5	87.7	8.9	0.0	8.9	0.0
4	12.2	22.4	17.7	82.3	1.1	0.0	1.1	2.7
5	13.4	25.4	19.8	68.7	0.0	0.0	0.0	9.8
6	16.2	26.0	19.1	77.7	.4	0.0	.4	4.0
7	16.0	22.5	18.6	79.0	5.1	0.0	5.1	2.2
8	12.8	27.2	20.2	60.7	0.0	0.0	0.0	8.3
9	15.6	25.5	18.6	77.3	0.0	0.0	0.0	3.6
10	15.0	24.4	19.6	75.3	3.6	0.0	3.6	2.9
11	16.0	25.4	19.2	80.0	.1	0.0	.1	5.9
12	14.6	26.3	18.8	78.7	.7	0.0	.7	4.5
13	15.2	25.9	20.8	73.0	0.0	0.0	0.0	7.6
14	14.8	27.0	18.9	75.7	0.0	0.0	0.0	6.7
15	14.5	25.9	19.6	78.0	0.0	0.0	0.0	5.4
16	14.2	26.0	19.0	76.3	3.2	0.0	3.2	6.3
17	15.5	27.0	19.5	78.0	.3	0.0	.3	6.0
18	15.4	25.0	19.9	80.3	.8	0.0	.8	5.2
19	15.2	25.1	19.7	81.3	.5	0.0	.5	4.7
20	16.0	26.0	19.6	76.3	1.1	0.0	1.1	5.0
21	15.2	26.2	20.0	76.0	0.0	0.0	0.0	4.5
22	16.2	22.4	18.2	88.7	1.7	0.0	1.7	2.5
23	16.0	24.4	19.7	79.7	0.0	0.0	0.0	3.4
24	14.6	27.0	21.3	71.7	0.0	0.0	0.0	6.3
25	15.2	28.0	21.6	69.7	0.0	0.0	0.0	8.4
26	16.5	26.2	19.6	81.3	0.0	8.9	8.9	2.9
27	16.0	24.0	18.3	86.0	5.3	.9	6.2	1.6
28	15.5	25.0	19.4	80.0	1.5	0.0	1.5	3.2
29								
30								
31								
Total :					36.4	9.8	46.2	136.7
Promedio :	15.1	25.4	19.5	77.6				

Estación : LA TRINIDAD
Año : 2002

Dpto. : CAUCA
Mpio. : PIENDAMO

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	26.4	21.0	75.0	0.0	0.0	0.0	6.7
2	15.2	25.6	20.5	76.3	2.0	0.0	2.0	3.6
3	16.0	26.2	19.2	79.0	8.4	0.0	8.4	3.8
4	15.6	24.5	18.8	83.7	0.0	6.7	6.7	3.1
5	15.8	22.0	18.1	87.0	14.3	0.0	14.3	.3
6	15.0	26.0	18.8	75.0	1.5	0.0	1.5	4.4
7	16.0	24.0	18.3	85.0	0.0	.2	.2	2.9
8	14.2	26.2	19.6	73.7	0.0	1.7	1.7	6.9
9	16.0	28.0	20.2	76.7	.7	0.0	.7	7.1
10	12.0	27.0	19.7	71.0	.2	0.0	.2	8.2
11	15.2	23.0	18.5	85.3	.6	0.0	.6	1.6
12	15.6	24.6	18.3	85.3	1.9	.7	2.6	2.2
13	16.0	26.2	20.0	73.3	0.0	0.0	0.0	5.2
14	15.2	26.0	19.3	77.3	.9	0.0	.9	2.7
15	15.0	26.6	18.1	82.3	7.9	.3	8.2	4.0
16	15.8	25.0	19.4	76.3	0.0	0.0	0.0	4.9
17	15.4	23.8	18.8	80.0	0.0	0.0	0.0	1.5
18	15.0	27.0	19.8	78.0	2.9	6.6	9.5	5.1
19	15.2	22.5	16.6	91.0	5.4	.1	5.5	1.9
20	14.6	25.8	19.1	80.0	.3	14.3	14.6	2.8
21	14.5	22.2	18.0	85.0	.8	.1	.9	1.0
22	16.4	26.0	20.6	77.0	0.0	11.6	11.6	4.4
23	15.4	25.4	18.0	84.3	0.0	0.0	0.0	3.7
24	16.0	25.9	20.0	74.7	.7	0.0	.7	4.2
25	15.6	27.4	19.5	82.0	.3	0.0	.3	2.7
26	15.4	26.0	18.7	89.3	6.9	0.0	6.9	4.5
27	15.0	24.4	18.6	82.0	4.4	0.0	4.4	1.0
28	15.4	22.5	16.8	93.7	32.2	0.0	32.2	.5
29	14.2	24.0	18.3	87.3	3.1	0.0	3.1	1.6
30	15.6	27.2	21.0	76.0	0.0	0.0	0.0	4.5
31	15.5	27.5	21.2	72.3	0.0	0.0	0.0	5.0
Total :					95.4	42.3	137.7	112.0
Promedio :	15.3	25.3	19.1	80.5				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	26.0	19.7	83.0	0.0	0.0	0.0	3.6
2	15.0	22.0	16.8	95.0	10.9	.3	11.2	.2
3	14.5	24.8	18.2	80.3	.9	0.0	.9	2.0
4	15.0	26.5	19.3	78.7	.7	0.0	.7	5.7
5	14.4	27.8	18.2	79.3	19.4	0.0	19.4	5.2
6	14.0	26.0	19.4	77.7	0.0	69.0	69.0	7.8
7	14.6	23.0	17.2	84.7	5.5	0.0	5.5	2.6
8	14.4	22.0	17.0	87.7	0.0	.2	.2	2.3
9	14.5	25.0	17.6	83.7	2.3	.4	2.7	7.2
10	15.0	24.5	18.5	76.7	0.0	0.0	0.0	5.8
11	12.5	26.0	19.0	67.3	0.0	0.0	0.0	7.8
12	15.0	27.5	19.3	68.7	4.8	0.0	4.8	9.7
13	14.5	26.0	19.0	71.3	0.0	.2	.2	8.8
14	15.2	25.0	18.6	79.7	1.7	1.7	3.4	4.9
15	14.4	24.8	18.6	81.0	.2	0.0	.2	3.8
16	14.5	26.0	20.5	77.3	0.0	20.0	20.0	5.1
17	15.5	25.4	19.2	82.0	12.6	0.0	12.6	3.4
18	15.4	23.2	17.4	92.0	0.0	4.0	4.0	2.2
19	14.5	24.5	19.1	77.7	0.0	15.9	15.9	2.1
20	16.0	24.7	19.2	83.0	.3	0.0	.3	4.2
21	16.2	24.0	19.6	85.7	.4	0.0	.4	3.8
22	15.0	25.2	19.8	80.7	0.0	0.0	0.0	4.5
23	15.1	25.5	18.7	83.0	.4	13.5	13.9	3.5
24	15.2	23.8	18.2	80.3	0.0	44.0	44.0	.9
25	15.0	23.0	18.0	82.7	0.0	47.0	47.0	.8
26	14.6	23.1	18.3	80.0	0.0	7.5	7.5	2.9
27	15.5	23.6	18.0	84.7	1.7	0.0	1.7	3.6
28	15.2	26.0	20.0	73.7	0.0	3.2	3.2	4.5
29	15.5	25.8	18.0	78.7	0.0	2.0	2.0	6.3
30	14.5	23.7	18.3	80.0	13.2	0.0	13.2	1.7
31								
Total :					75.0	228.9	303.9	126.9
Promedio :	14.9	24.8	18.6	80.5				

Estación : LA TRINIDAD
Año : 2002

Dpto. : CAUCA
Mpio. : PIENDAMO

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	21.0	17.6	86.3	1.9	0.0	1.9	.3
2	15.0	25.5	19.2	71.0	.9	0.0	.9	3.5
3	13.5	25.0	19.7	75.3	0.0	0.0	0.0	5.3
4	14.5	27.5	19.8	71.3	0.0	0.0	0.0	6.5
5	15.5	28.2	21.5	65.7	0.0	.1	.1	7.9
6	15.3	27.5	21.1	75.7	0.0	0.0	0.0	6.4
7	15.4	27.7	21.6	68.0	0.0	0.0	0.0	6.1
8	14.5	26.4	20.8	73.7	0.0	0.0	0.0	7.9
9	15.0	27.5	21.1	74.3	0.0	0.0	0.0	5.9
10	14.3	29.0	21.4	63.7	1.6	0.0	1.6	9.5
11	17.0	27.5	21.8	74.7	0.0	0.0	0.0	8.5
12	16.0	28.6	22.2	48.7	0.0	0.0	0.0	9.0
13	15.0	28.5	21.9	69.3	0.0	0.0	0.0	8.5
14	14.6	27.0	20.8	77.7	0.0	0.0	0.0	6.7
15	15.6	24.4	20.0	77.7	0.0	0.0	0.0	1.0
16	15.8	25.9	20.7	78.7	0.0	1.3	1.3	3.8
17	16.6	23.9	19.0	82.7	0.0	0.0	0.0	3.0
18	15.5	24.6	19.9	77.0	.2	6.5	6.7	3.5
19	16.5	23.2	18.2	86.0	6.1	.2	6.3	1.0
20	14.6	24.8	18.5	83.0	1.4	5.8	7.2	4.8
21	15.8	22.3	18.2	80.3	2.5	0.0	2.5	1.1
22	15.5	23.8	18.9	78.0	0.0	0.0	0.0	3.0
23	15.0	26.0	18.0	84.7	4.5	0.0	4.5	2.9
24	16.2	28.1	20.6	75.0	1.1	9.5	10.6	4.5
25	13.0	20.6	15.4	86.0	6.0	2.5	8.5	0.0
26	12.8	24.0	18.5	66.3	0.0	1.1	1.1	6.8
27	15.4	24.8	18.8	72.3	0.0	2.5	2.5	2.6
28	14.0	25.2	18.6	62.7	0.0	0.0	0.0	3.2
29	14.2	25.3	18.8	71.0	.5	0.0	.5	1.0
30	15.5	23.8	19.1	74.0	.9	0.0	.9	2.8
31	14.0	19.6	16.5	87.7	2.0	0.0	2.0	.5
Total :					29.6	29.5	59.1	137.5
Promedio :	15.1	25.4	19.6	74.8				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.5	24.0	18.4	72.0	0.0	0.0	0.0	2.8
2	15.2	22.6	19.1	78.0	0.0	0.0	0.0	3.6
3	14.8	22.0	17.3	83.7	9.2	.4	9.6	.1
4	14.5	20.2	16.0	90.7	6.8	.4	7.2	0.0
5	14.1	21.4	16.5	87.7	4.6	19.8	24.4	.4
6	14.0	21.8	16.9	79.3	3.6	0.0	3.6	2.6
7	14.3	22.0	17.5	79.0	.1	0.0	.1	1.1
8	13.7	25.4	18.9	78.0	2.5	0.0	2.5	5.8
9	15.0	20.4	17.0	82.0	4.9	0.0	4.9	.5
10	13.0	25.5	19.2	78.3	0.0	.6	.6	7.3
11	15.5	23.8	18.2	78.3	.4	0.0	.4	3.2
12	14.0	25.8	19.6	73.3	0.0	0.0	0.0	10.1
13	14.5	24.6	17.2	82.7	4.8	0.0	4.8	2.9
14	13.8	25.0	19.9	68.3	1.9	.9	2.8	5.4
15	14.1	20.4	17.4	83.7	.3	0.0	.3	.3
16	13.4	26.0	19.4	68.0	.5	0.0	.5	7.8
17	15.0	24.0	17.8	78.0	6.3	0.0	6.3	1.1
18	13.5	26.6	19.8	62.0	0.0	0.0	0.0	7.0
19	14.4	27.2	21.1	55.7	0.0	0.0	0.0	9.0
20	16.2	27.4	21.2	50.0	0.0	0.0	0.0	8.1
21	14.4	26.5	20.5	50.7	0.0	0.0	0.0	3.1
22	13.3	27.5	19.6	52.0	0.0	0.0	0.0	6.8
23	15.0	26.8	20.2	52.0	0.0	0.0	0.0	8.1
24	13.6	26.5	20.1	62.7	0.0	.2	.2	6.5
25	15.0	26.8	19.2	67.3	0.0	0.0	0.0	5.4
26	14.0	28.0	20.8	63.3	0.0	0.0	0.0	8.8
27	13.4	27.0	20.5	68.3	0.0	0.0	0.0	8.8
28	15.5	26.5	21.5	72.0	0.0	0.0	0.0	8.7
29	15.8	25.2	18.9	78.7	.3	0.0	.3	2.6
30	14.6	27.4	20.5	74.7	0.0	0.0	0.0	9.3
31								
Total :					46.2	22.3	68.5	147.2
Promedio :	14.4	24.8	19.0	71.7				

Estación : LA TRINIDAD
Año : 2002

Dpto. : CAUCA
Mpio. : PIENDAMO

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

Julio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.4	27.6	21.7	63.0	0.0	0.0	0.0	7.5
2	15.0	27.8	20.2	79.0	0.0	0.0	0.0	6.4
3	16.2	26.0	21.0	79.0	0.0	0.0	0.0	3.8
4	15.4	25.8	21.4	77.3	0.0	6.1	6.1	7.5
5	14.8	22.5	16.0	97.3	30.0	0.0	30.0	.8
6	14.2	23.5	18.7	83.0	0.0	0.0	0.0	7.2
7	14.5	27.2	21.3	75.0	0.0	0.0	0.0	9.2
8	15.0	27.4	21.3	79.7	0.0	0.0	0.0	10.3
9	13.4	25.8	21.2	74.7	0.0	0.0	0.0	10.7
10	14.8	25.0	20.0	80.7	.3	0.0	.3	3.2
11	16.0	25.4	20.0	82.3	0.0	0.0	0.0	6.7
12	15.6	26.0	20.3	67.0	0.0	0.0	0.0	8.7
13	15.0	27.0	20.9	58.3	0.0	0.0	0.0	9.3
14	13.8	27.4	20.8	72.7	0.0	0.0	0.0	4.9
15	15.0	26.4	19.7	81.0	.3	0.0	.3	5.6
16	14.6	25.4	19.2	83.0	4.2	0.0	4.2	4.9
17	15.6	24.7	20.0	83.3	.7	0.0	.7	4.3
18	15.4	25.0	19.0	84.7	3.8	0.0	3.8	2.5
19	14.5	25.4	17.8	82.3	7.9	0.0	7.9	5.2
20	15.0	23.5	18.9	81.3	0.0	0.0	0.0	3.8
21	16.2	23.6	18.6	84.7	0.0	0.0	0.0	1.8
22	15.2	26.0	20.2	75.0	0.0	0.0	0.0	5.4
23	14.4	24.0	19.5	80.7	.4	0.0	.4	5.0
24	14.9	25.0	18.8	84.3	0.0	0.0	0.0	6.0
25	15.2	24.4	19.7	70.3	0.0	0.0	0.0	3.3
26	13.0	26.0	20.4	58.7	0.0	0.0	0.0	7.3
27	11.6	25.5	19.9	65.7	0.0	0.0	0.0	7.0
28	15.0	26.5	20.8	63.3	0.0	0.0	0.0	7.3
29	16.2	26.9	21.0	58.7	0.0	0.0	0.0	9.1
30	13.0	27.4	19.8	65.3	0.0	0.0	0.0	8.6
31	14.4	25.0	19.6	76.0	0.0	0.0	0.0	6.0
Total :					47.6	6.1	53.7	189.3
Promedio :	14.8	25.6	19.9	75.7				

Agosto	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	27.0	20.6	58.3	0.0	0.0	0.0	6.7
2	13.0	27.0	20.7	51.7	0.0	0.0	0.0	7.7
3	13.2	25.5	20.5	58.3	0.0	.2	.2	5.7
4	14.4	25.5	20.4	59.7	0.0	0.0	0.0	5.6
5	14.0	27.5	21.0	63.0	0.0	0.0	0.0	9.8
6	12.6	28.2	21.6	60.7	0.0	0.0	0.0	7.1
7	14.2	27.0	19.6	72.0	0.0	0.0	0.0	4.8
8	13.8	26.5	19.9	80.3	0.0	0.0	0.0	4.2
9	13.5	25.0	20.7	57.3	0.0	0.0	0.0	4.9
10	13.0	28.0	20.7	43.0	0.0	0.0	0.0	10.8
11	14.4	26.0	21.0	54.0	0.0	0.0	0.0	7.8
12	15.2	28.2	21.4	70.0	0.0	0.0	0.0	7.9
13	14.2	27.5	21.2	63.3	0.0	0.0	0.0	4.5
14	13.8	26.4	21.6	62.3	0.0	0.0	0.0	5.5
15	15.2	27.5	21.2	62.0	0.0	0.0	0.0	7.8
16	17.2	28.6	22.4	53.7	0.0	0.0	0.0	8.6
17	17.8	27.5	22.6	43.3	0.0	0.0	0.0	10.1
18	14.2	28.8	21.5	59.7	0.0	0.0	0.0	6.1
19	13.6	27.0	20.6	68.7	0.0	0.0	0.0	5.9
20	16.2	27.4	21.6	73.7	0.0	0.0	0.0	8.5
21	14.0	29.3	22.7	55.0	0.0	0.0	0.0	10.2
22	13.0	28.5	20.8	73.0	0.0	0.0	0.0	9.4
23	14.6	27.5	20.9	70.0	0.0	0.0	0.0	7.4
24	13.6	28.0	21.8	66.7	0.0	0.0	0.0	8.6
25	15.4	27.5	20.8	75.3	0.0	0.0	0.0	8.5
26	15.0	29.0	17.8	83.0	5.0	0.0	5.0	1.1
27	14.5	24.8	18.8	84.7	11.3	0.0	11.3	4.0
28	15.0	26.0	17.9	84.7	1.0	23.1	24.1	5.6
29	15.0	19.6	16.0	94.7	1.5	.9	2.4	.2
30	14.5	24.8	19.0	78.0	0.0	0.0	0.0	5.6
31	16.2	24.7	19.7	78.7	0.0	0.0	0.0	4.2
Total :					18.8	24.2	43.0	204.8
Promedio :	14.4	26.8	20.5	66.4				

Estación : LA TRINIDAD
Año : 2002

Dpto. : CAUCA
Mpio. : PIENDAMO

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	24.5	18.2	86.7	4.8	0.0	4.8	1.9
2	14.2	24.6	17.2	84.0	32.4	0.0	32.4	5.1
3	15.0	25.0	19.6	80.7	0.0	0.0	0.0	5.7
4	14.8	27.0	21.6	67.7	0.0	0.0	0.0	7.9
5	13.0	26.8	20.4	69.3	0.0	0.0	0.0	8.3
6	14.0	27.8	21.5	70.0	0.0	0.0	0.0	6.5
7	15.0	27.6	21.2	61.0	0.0	0.0	0.0	7.0
8	13.8	28.0	20.1	63.3	0.0	0.0	0.0	8.3
9	13.0	26.6	21.4	58.7	0.0	0.0	0.0	7.4
10	13.5	26.0	20.0	70.3	0.0	0.0	0.0	5.4
11	13.4	28.5	21.7	67.0	0.0	.8	.8	9.8
12	13.2	28.4	20.5	64.0	0.0	0.0	0.0	7.3
13	13.8	28.8	22.0	63.7	0.0	0.0	0.0	7.8
14	15.5	26.6	17.8	82.0	12.7	.1	12.8	3.1
15	16.0	24.2	20.0	79.0	0.0	0.0	0.0	3.2
16	14.0	26.2	19.9	77.0	0.0	0.0	0.0	6.2
17	14.8	26.5	19.4	76.3	0.0	0.0	0.0	3.1
18	15.0	23.2	17.2	91.7	2.5	0.0	2.5	1.0
19	14.0	25.2	19.6	74.3	0.0	0.0	0.0	4.1
20	14.5	26.0	20.2	74.0	0.0	0.0	0.0	7.1
21	15.2	27.4	20.2	76.0	0.0	0.0	0.0	6.9
22	13.2	27.6	21.1	68.7	0.0	0.0	0.0	7.5
23	13.8	26.5	19.2	72.7	3.0	.2	3.2	7.3
24	15.6	22.5	19.1	83.7	.6	6.1	6.7	2.5
25	15.5	23.4	17.0	91.0	1.5	4.5	6.0	2.2
26	15.2	23.2	17.8	86.3	1.4	.1	1.5	2.1
27	15.0	25.5	19.2	77.7	0.0	0.0	0.0	4.1
28	16.0	23.0	18.8	83.7	1.1	0.0	1.1	3.8
29	13.2	26.0	19.3	76.7	2.3	0.0	2.3	7.0
30	14.0	27.6	21.2	63.0	0.0	0.0	0.0	9.4
31								
Total :					62.3	11.8	74.1	169.0
Promedio :	14.4	26.0	19.7	74.7				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.4	27.0	21.1	64.0	0.0	0.0	0.0	8.0
2	14.2	28.5	21.8	64.7	0.0	0.0	0.0	8.3
3	14.2	28.4	21.9	61.7	0.0	0.0	0.0	7.6
4	12.6	28.0	21.4	72.0	.9	0.0	.9	8.5
5	14.8	27.5	21.8	68.3	0.0	0.0	0.0	7.6
6	14.2	25.1	20.4	77.0	.7	0.0	.7	6.4
7	14.5	27.2	19.5	75.7	1.2	.1	1.3	5.7
8	14.2	25.8	20.0	73.3	0.0	0.0	0.0	5.0
9	15.0	26.5	20.0	76.3	0.0	0.0	0.0	5.6
10	15.2	28.6	21.2	68.3	0.0	0.0	0.0	7.2
11	14.6	27.4	19.0	78.0	0.0	0.0	0.0	3.6
12	15.0	26.9	20.5	67.3	2.0	0.0	2.0	4.6
13	15.2	26.8	20.8	75.0	1.1	0.0	1.1	6.2
14	13.8	27.5	19.6	71.3	0.0	0.0	0.0	7.2
15	15.8	22.0	18.2	89.0	.5	0.0	.5	5.4
16	14.4	26.4	19.7	75.0	11.4	.4	11.8	
17	15.0	23.6	17.9	87.3	9.4	.4	9.8	
18	15.2	23.0	19.2	84.7	2.6	0.0	2.6	
19	13.8	24.8	19.6	78.7	1.3	0.0	1.3	
20	14.2	25.0	19.0	75.3	3.8	5.4	9.2	
21	15.0	24.2	18.5	84.7	.3	.2	.5	
22	16.0	21.4	17.6	88.3	4.3	0.0	4.3	
23	15.2	24.8	18.0	84.0	20.2	1.6	21.8	
24	15.0	23.8	17.8	85.3	0.0	28.2	28.2	
25	14.6	25.2	18.8	82.0	0.0	1.5	1.5	
26	15.0	22.2	17.9	82.7	16.4	3.9	20.3	
27	14.8	23.0	17.0	87.7	5.3	0.0	5.3	
28	15.2	24.0	18.2	79.3	6.9	32.5	39.4	
29	14.8	24.0	17.4	92.7	2.0	10.3	12.3	
30	15.2	23.0	18.4	86.3	0.0	.1	.1	
31	16.0	24.0	18.2	86.3	.7	.1	.8	
Total :					91.0	84.7	175.7	
Promedio :	14.7	25.3	19.4	78.1				

Estación : LA TRINIDAD
Año : 2002

Dpto. : CAUCA
Mpio. : PIENDAMO

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.4	22.6	17.7	84.3	4.4	0.0	4.4	
2	14.5	21.8	17.0	89.7	6.7	.5	7.2	
3	14.4	20.2	15.9	95.0	4.2	0.0	4.2	
4	12.6	25.0	19.0	78.0	0.0	10.8	10.8	
5	14.8	23.2	17.0	84.7	11.1	6.0	17.1	
6	14.5	22.2	17.0	86.3	4.4	.2	4.6	
7	15.0	22.0	16.6	92.7	6.8	1.0	7.8	
8	15.1	19.0	16.2	95.7	2.1	.1	2.2	
9	14.6	24.0	17.7	83.3	6.8	4.9	11.7	
10	12.6	26.0	18.0	78.3	.2	0.0	.2	
11	14.2	23.2	18.8	82.3	0.0	0.0	0.0	
12	16.0	22.4	18.2	90.0	0.0	2.0	2.0	
13	15.8	23.5	18.2	85.7	3.5	1.4	4.9	
14	15.0	24.6	19.3	84.0	0.0	0.0	0.0	
15	14.2	24.8	20.3	79.0	0.0	0.0	0.0	
16	15.0	25.6	19.8	83.3	0.0	0.0	0.0	
17	15.4	25.2	18.9	84.3	4.3	0.0	4.3	
18	14.2	23.6	17.9	80.3	.5	.1	.6	
19	15.2	24.4	19.0	81.0	.7	0.0	.7	
20	14.8	25.8	19.9	79.0	0.0	0.0	0.0	
21	16.0	24.8	20.1	82.7	0.0	0.0	0.0	
22	13.8	26.0	19.6	77.3	0.0	0.0	0.0	
23	12.4	25.2	20.2	70.0	0.0	0.0	0.0	
24	12.5	25.0	19.4	72.7	1.4	0.0	1.4	
25	14.6	26.0	20.0	80.3	0.0	0.0	0.0	
26	15.8	25.6	21.3	76.0	0.0	0.0	0.0	
27	16.4	26.0	19.5	82.7	5.8	0.0	5.8	
28	14.5	25.8	21.2	78.3	0.0	.4	.4	
29	16.0	23.4	18.8	90.0	4.9	0.0	4.9	
30	17.0	26.0	19.8	79.0	0.0	0.0	0.0	
31								
Total :					67.8	27.4	95.2	
Promedio :	14.7	24.1	18.7	82.9				

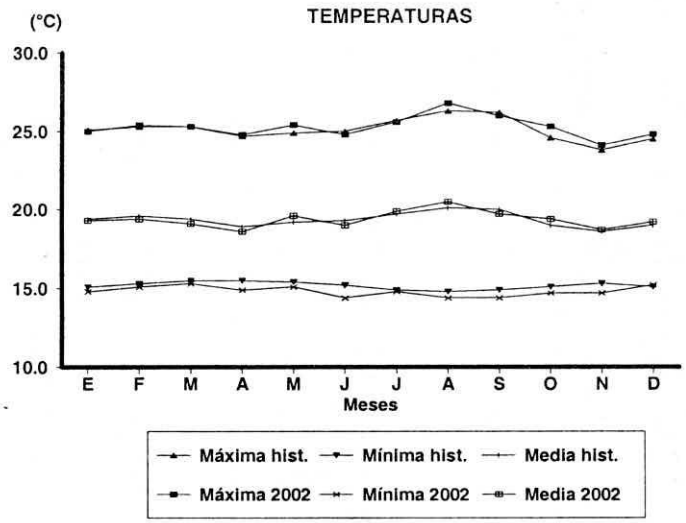
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	25.8	20.2	80.3	15.9	17.5	33.4	
2	16.2	26.5	21.4	78.3	0.0	0.0	0.0	
3	14.4	27.4	20.8	78.7	0.0	0.0	0.0	
4	14.6	25.0	19.4	79.7	0.0	.2	.2	
5	15.0	24.6	19.2	84.7	1.1	3.8	4.9	
6	15.4	26.0	19.2	84.7	.2	0.0	.2	
7	15.0	23.6	17.8	81.0	5.2	0.0	5.2	
8	14.7	24.0	17.8	94.3	0.0	0.0	0.0	
9	13.8	25.4	18.8	78.0	0.0	0.0	0.0	
10	14.2	25.0	19.2	83.7	0.0	.8	.8	
11	17.0	25.2	19.8	81.7	0.0	0.0	0.0	
12	15.4	26.4	19.2	80.0	42.3	0.0	42.3	
13	15.0	25.0	20.0	80.3	0.0	0.0	0.0	
14	17.0	26.6	19.0	89.3	2.6	21.8	24.4	
15	16.0	21.0	17.4	94.0	9.4	4.3	13.7	
16	15.2	20.0	16.7	94.0	20.0	31.2	51.2	
17	14.8	23.0	17.4	86.3	3.3	.7	4.0	
18	15.0	22.0	18.2	89.0	0.0	0.0	0.0	
19	16.2	26.2	19.6	82.3	0.0	0.0	0.0	
20	16.0	22.0	17.2	92.7	16.1	0.0	16.1	
21	13.7	23.3	18.9	79.7	0.0	0.0	0.0	
22	15.0	26.0	19.2	80.7	0.0	0.0	0.0	
23	14.5	26.2	20.6	72.3	0.0	0.0	0.0	
24	15.0	24.0	19.9	81.7	0.0	0.0	0.0	
25	14.2	25.6	20.2	77.7	0.0	0.0	0.0	
26	15.0	25.8	19.7	84.3	.2	0.0	.2	
27	15.2	24.4	19.2	79.7	0.0	0.0	0.0	
28	15.0	26.0	20.2	77.0	0.0	22.1	22.1	
29	16.6	25.0	18.2	84.7	3.8	0.0	3.8	
30	15.0	26.8	19.5	80.7	2.0	0.0	2.0	
31	15.6	26.5	20.0	81.3	6.5	.1	6.6	
Total :					128.6	102.5	231.1	
Promedio :	15.2	24.8	19.2	83.0				

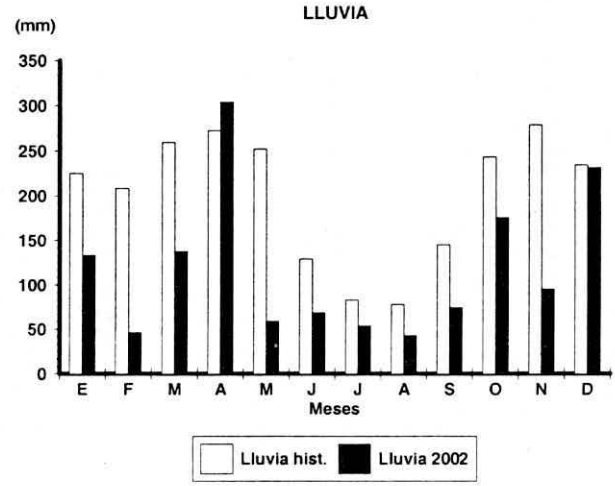
Estación : LA TRINIDAD
Año : 2002

Dpto. : CAUCA
Mpio. : PIENDAMO

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	14.8	25.0	19.3	28.4	12.2	77.7	133.4	15	182.7
Febrero	15.1	25.4	19.4	28.0	12.2	77.6	46.2	17	136.7
Marzo	15.3	25.3	19.1	28.0	12.0	80.5	137.7	24	112.0
Abril	14.9	24.8	18.6	27.8	12.5	80.5	303.9	26	126.9
Mayo	15.1	25.4	19.6	29.0	12.8	74.8	59.1	17	137.5
Junio	14.4	24.8	19.0	28.0	13.0	71.7	68.5	16	147.2
Julio	14.8	25.6	19.9	27.8	11.6	75.7	53.7	9	189.3
Agosto	14.4	26.8	20.5	29.3	12.6	66.4	43.0	5	204.8
Septiembre	14.4	26.0	19.7	28.8	13.0	74.7	74.1	11	169.0
Octubre	14.7	25.3	19.4	28.6	12.6	78.1	175.7	22	
Noviembre	14.7	24.1	18.7	26.0	12.4	82.9	95.2	19	
Diciembre	15.2	24.8	19.2	27.4	13.7	83.0	231.1	17	
Promedio :	14.8	25.3	19.4			77.0			
Absoluta :				29.3	11.6				
Total :							1421.6	198	





Estación : MANUEL MEJIA
Año : 2002

Dpto. : CAUCA
Mpio. : EL TAMBO

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

Enero	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	24.6	17.8	86.7	20.7	0.0	20.7	4.2
2	15.8	24.4	18.8	83.0	1.2	0.0	1.2	7.3
3	16.6	23.8	18.5	84.0	9.1	0.0	9.1	4.9
4	15.0	24.0	19.1	82.7	0.0	3.8	3.8	7.1
5	16.0	25.4	19.5	78.3	.7	.7	1.4	7.4
6	16.8	24.0	19.7	85.7	0.0	6.1	6.1	4.4
7	15.0	22.2	17.3	87.0	28.4	.1	28.5	2.7
8	12.2	23.4	17.6	83.3	0.0	10.8	10.8	10.0
9	15.2	23.6	16.9	80.3	10.2	0.0	10.2	2.9
10	14.0	24.7	17.8	81.3	13.9	25.0	38.9	9.1
11	15.8	24.2	19.8	78.7	0.0	5.0	5.0	8.7
12	16.2	24.0	18.6	83.7	2.0	31.2	33.2	7.7
13	15.4	20.0	17.0	89.0	3.5	1.1	4.6	0.0
14	15.0	24.6	17.7	80.7	2.9	0.0	2.9	6.5
15	14.4	24.8	18.8	81.7	7.3	0.0	7.3	6.3
16	15.5	24.5	18.1	81.3	8.4	0.0	8.4	6.8
17	15.2	23.2	17.7	81.7	9.7	1.3	11.0	7.4
18	15.4	24.2	18.7	74.7	0.0	0.0	0.0	6.3
19	13.2	24.4	19.2	75.3	0.0	0.0	0.0	8.4
20	14.6	24.2	18.0	82.7	10.3	0.0	10.3	5.0
21	14.2	24.5	18.4	81.0	0.0	0.0	0.0	7.4
22	14.4	25.2	20.4	67.7	0.0	0.0	0.0	9.5
23	13.0	25.4	19.5	71.3	0.0	0.0	0.0	7.2
24	15.8	23.8	19.0	79.3	0.0	0.0	0.0	4.1
25	15.4	23.2	19.2	85.3	0.0	0.0	0.0	2.3
26	17.0	25.0	19.8	78.3	0.0	0.0	0.0	3.6
27	17.2	26.2	21.6	60.0	0.0	0.0	0.0	8.4
28	12.6	26.2	20.0	66.0	0.0	0.0	0.0	8.4
29	12.2	25.2	19.6	69.7	0.0	0.0	0.0	6.9
30	15.0	24.4	20.0	77.7	0.0	0.0	0.0	5.0
31	16.0	25.2	19.0	89.7	1.9	0.0	1.9	2.8
Total :					130.2	85.1	215.3	188.7
Promedio :	15.0	24.3	18.8	79.6				

Febrero	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.4	24.4	19.1	83.7	0.0	0.0	0.0	3.7
2	14.8	25.6	19.7	75.3	0.0	0.0	0.0	7.5
3	15.0	21.0	17.4	89.7	.7	0.0	.7	.5
4	12.4	22.6	16.6	86.0	1.7	.7	2.4	2.0
5	12.8	24.2	19.2	76.0	0.0	20.8	20.8	7.4
6	15.6	24.8	18.9	79.3	0.0	0.0	0.0	6.2
7	14.4	24.4	18.5	79.7	.3	.1	.4	3.4
8	12.2	25.4	18.7	69.0	0.0	0.0	0.0	8.9
9	14.0	25.6	19.5	73.7	0.0	31.6	31.6	6.5
10	15.4	24.2	18.1	86.3	6.0	1.8	7.8	6.2
11	16.2	25.6	19.0	78.7	1.1	2.9	4.0	8.8
12	15.0	26.0	19.0	80.3	0.0	0.0	0.0	7.2
13	15.1	25.8	20.2	70.7	0.0	1.4	1.4	8.5
14	15.4	25.2	20.0	72.0	0.0	0.0	0.0	8.6
15	13.2	23.8	19.1	77.3	0.0	0.0	0.0	3.8
16	13.8	24.8	19.2	76.0	0.0	0.0	0.0	4.0
17	14.6	23.8	19.2	81.7	0.0	0.0	0.0	6.2
18	14.4	25.0	19.0	81.3	0.0	0.0	0.0	4.9
19	14.2	25.2	20.0	75.3	0.0	7.7	7.7	8.1
20	16.2	25.4	19.8	79.0	0.0	0.0	0.0	7.2
21	14.6	24.2	20.0	76.7	0.0	0.0	0.0	3.9
22	16.6	21.2	17.8	90.7	0.0	0.0	0.0	.2
23	15.8	23.6	18.4	82.7	0.0	0.0	0.0	2.7
24	14.4	24.0	19.2	80.7	0.0	0.0	0.0	4.1
25	12.8	27.4	20.0	77.0	.4	20.4	20.8	8.2
26	17.0	24.4	19.1	84.0	.2	6.7	6.9	4.7
27	16.2	23.8	18.0	85.3	3.4	4.8	8.2	3.4
28	15.8	22.6	18.4	83.7	0.0	0.0	0.0	5.5
29								
30								
31								
Total :					13.8	98.9	112.7	152.3
Promedio :	14.7	24.4	19.0	79.7				

Estación : MANUEL MEJIA
Año : 2002

Dpto. : CAUCA
Mpio. : EL TAMBO

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	23.6	19.3	84.0	0.0	0.0	0.0	5.8
2	15.6	21.8	19.2	85.7	0.0	0.0	0.0	2.0
3	15.8	25.4	18.0	84.0	13.4	0.0	13.4	7.7
4	16.4	23.6	18.8	79.3	3.3	.8	4.1	5.4
5	16.0	23.0	18.6	85.3	0.0	0.0	0.0	3.9
6	14.2	25.4	19.0	79.7	0.0	0.0	0.0	6.7
7	16.4	24.0	18.7	81.7	.2	0.0	.2	3.6
8	14.8	25.6	19.1	83.0	0.0	0.0	0.0	6.4
9	17.0	25.4	20.7	69.7	0.0	0.0	0.0	8.6
10	12.6	25.8	19.5	71.3	0.0	0.0	0.0	8.8
11	14.0	23.0	18.4	88.3	0.0	0.0	0.0	3.2
12	15.6	23.2	18.6	84.0	.3	25.9	26.2	1.8
13	15.0	24.2	19.2	76.7	0.0	0.0	0.0	6.0
14	15.2	22.4	18.9	81.7	.6	0.0	.6	3.5
15	14.4	24.8	19.6	77.7	0.0	0.0	0.0	3.9
16	14.8	26.6	19.4	78.7	11.2	6.0	17.2	3.9
17	15.0	20.8	17.6	88.0	3.8	0.0	3.8	.4
18	14.4	25.6	19.8	76.0	0.0	18.8	18.8	8.7
19	15.0	22.0	17.0	86.0	4.6	.8	5.4	.9
20	14.2	24.6	18.0	80.0	0.0	55.8	55.8	6.0
21	14.6	22.4	17.2	85.7	.5	.8	1.3	.8
22	15.0	25.6	18.6	81.3	.5	11.3	11.8	5.2
23	14.6	25.5	18.6	88.0	4.1	0.0	4.1	4.2
24	15.8	25.0	19.6	83.3	0.0	0.0	0.0	5.2
25	14.4	25.8	20.4	76.7	0.0	0.0	0.0	6.5
26	16.0	25.6	20.2	76.0	0.0	0.0	0.0	6.3
27	17.2	24.0	18.9	90.3	0.0	0.0	0.0	2.0
28	15.8	23.2	18.1	86.0	10.0	0.0	10.0	2.1
29	15.0	25.6	18.8	81.0	0.0	0.0	0.0	4.0
30	17.2	26.4	20.3	72.7	0.0	0.0	0.0	7.0
31	15.6	27.6	21.1	69.0	0.0	0.0	0.0	6.3
Total :					52.5	120.2	172.7	146.8
Promedio :	15.3	24.4	19.0	81.0				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.6	26.2	18.8	80.3	10.7	0.0	10.7	6.2
2	15.8	20.6	18.1	88.7	.3	0.0	.3	0.0
3	15.6	25.4	18.7	83.0	.2	0.0	.2	3.1
4	15.4	26.8	20.2	75.7	0.0	0.0	0.0	5.4
5	13.2	26.6	18.6	77.3	0.0	0.0	0.0	5.5
6	13.5	27.4	19.2	73.0	0.0	38.1	38.1	8.3
7	14.4	23.8	17.6	82.7	5.3	.3	5.6	3.3
8	14.8	21.8	16.4	90.7	12.0	0.0	12.0	1.0
9	14.4	24.4	18.0	80.0	0.0	0.0	0.0	5.4
10	14.0	23.4	18.3	80.7	0.0	0.0	0.0	4.3
11	12.2	25.4	18.8	67.7	0.0	0.0	0.0	10.0
12	12.8	25.6	18.8	65.7	0.0	0.0	0.0	9.3
13	13.2	26.2	19.4	65.3	0.0	0.0	0.0	8.7
14	14.0	26.6	19.1	69.3	0.0	3.4	3.4	6.9
15	14.4	26.4	19.8	76.3	0.0	0.0	0.0	3.3
16	13.8	25.8	20.0	75.7	0.0	0.0	0.0	5.2
17	16.4	23.8	19.7	82.0	0.0	26.6	26.6	4.2
18	15.0	21.8	17.4	85.3	1.7	.5	2.2	2.3
19	14.6	25.4	18.7	81.7	10.0	13.0	23.0	5.1
20	16.0	25.2	19.6	76.3	0.0	0.0	0.0	6.7
21	17.0	24.2	20.1	78.3	.3	0.0	.3	3.1
22	16.2	23.8	19.0	82.0	7.4	0.0	7.4	4.1
23	15.6	24.6	19.0	84.0	7.0	18.3	25.3	2.6
24	15.4	22.8	18.3	81.7	0.0	52.0	52.0	2.6
25	15.0	24.4	18.0	81.7	5.2	18.7	23.9	3.0
26	14.2	22.2	17.8	82.3	0.0	5.4	5.4	3.0
27	16.0	21.2	17.4	87.0	0.0	0.0	0.0	0.0
28	16.1	25.2	19.4	79.3	0.0	22.0	22.0	5.6
29	15.0	24.4	18.8	79.3	0.0	0.0	0.0	6.5
30	15.6	23.0	18.6	84.3	.7	0.0	.7	6.0
31								
Total :					60.8	198.3	259.1	140.7
Promedio :	14.8	24.5	18.7	79.2				

Estación : MANUEL MEJIA
Año : 2002

Dpto. : CAUCA
Mpio. : EL TAMBO

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	22.2	18.0	89.3	0.0	0.0	0.0	1.8
2	13.6	25.4	19.2	79.3	0.0	0.0	0.0	5.5
3	14.8	25.4	19.4	74.0	0.0	0.0	0.0	5.4
4	13.8	26.2	20.4	72.7	0.0	0.0	0.0	9.0
5	14.0	26.4	21.0	59.7	0.0	0.0	0.0	7.6
6	15.4	25.2	20.1	72.0	0.0	0.0	0.0	6.1
7	14.4	26.2	20.6	61.3	0.0	0.0	0.0	6.7
8	13.0	27.2	20.4	70.3	0.0	0.0	0.0	8.8
9	12.8	26.4	20.4	66.0	0.0	0.0	0.0	8.2
10	12.4	28.2	22.1	58.3	0.0	0.0	0.0	7.8
11	16.8	28.1	22.0	49.3	0.0	0.0	0.0	8.4
12	14.6	26.6	22.2	48.7	0.0	0.0	0.0	7.4
13	15.4	27.4	21.1	60.7	0.0	0.0	0.0	7.5
14	14.5	26.4	20.7	61.7	0.0	0.0	0.0	6.5
15	15.4	23.4	18.9	75.7	0.0	0.0	0.0	.2
16	16.2	23.5	19.2	86.7	0.0	0.0	0.0	2.2
17	16.8	22.4	19.0	87.0	0.0	0.0	0.0	.1
18	15.6	23.4	19.8	82.7	3.5	10.9	14.4	1.9
19	16.2	23.2	18.6	89.0	.5	0.0	.5	1.9
20	15.4	25.4	18.4	81.7	33.7	38.4	72.1	5.9
21	15.2	21.8	17.5	89.7	1.8	0.0	1.8	1.8
22	16.0	22.2	17.8	91.3	3.3	0.0	3.3	2.5
23	14.0	24.4	18.4	85.7	0.0	0.0	0.0	3.0
24	16.0	26.4	20.4	71.7	0.0	5.9	5.9	6.0
25	13.8	22.6	16.3	82.0	6.7	2.1	8.8	1.6
26	13.2	23.4	17.4	74.3	0.0	.2	.2	6.5
27	15.0	24.6	17.6	75.0	6.0	7.3	13.3	3.8
28	14.0	24.2	18.0	66.7	0.0	0.0	0.0	5.6
29	13.6	23.6	18.8	69.3	0.0	6.2	6.2	1.1
30	14.5	23.5	17.8	83.0	6.8	1.7	8.5	1.8
31	13.0	20.0	16.5	92.7	1.7	0.0	1.7	0.0
Total :					64.0	72.7	136.7	142.6
Promedio :	14.7	24.7	19.3	74.4				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	22.2	18.2	83.3	0.0	.1	.1	3.4
2	15.0	25.4	18.3	77.7	.3	0.0	.3	5.1
3	14.6	21.0	17.4	87.3	1.8	1.1	2.9	.3
4	15.4	20.4	16.6	88.7	8.9	3.1	12.0	1.1
5	14.0	21.2	16.4	92.0	13.0	18.0	31.0	.7
6	13.8	23.2	16.4	81.7	47.7	2.7	50.4	2.2
7	14.2	22.8	17.6	82.3	0.0	0.0	0.0	3.3
8	13.4	24.6	18.2	74.0	.4	0.0	.4	5.9
9	15.6	20.2	17.3	86.0	1.9	0.0	1.9	.7
10	12.0	24.8	18.9	74.3	0.0	.8	.8	8.3
11	16.2	21.4	18.0	82.3	.3	0.0	.3	1.8
12	13.6	24.6	18.0	74.0	0.0	0.0	0.0	7.2
13	13.8	23.4	17.6	82.0	0.0	0.0	0.0	5.7
14	13.0	24.4	17.8	79.0	0.0	0.0	0.0	2.0
15	13.6	24.2	16.6	88.3	3.6	0.0	3.6	2.3
16	12.0	25.8	19.0	65.3	0.0	0.0	0.0	4.4
17	14.6	23.2	18.2	69.3	0.0	0.0	0.0	.5
18	11.8	25.2	19.6	58.7	0.0	0.0	0.0	3.6
19	17.0	26.0	19.8	54.3	0.0	0.0	0.0	1.2
20	14.6	25.6	19.8	56.7	0.0	0.0	0.0	3.4
21	14.0	25.2	19.3	59.7	0.0	0.0	0.0	4.1
22	11.8	25.6	17.8	59.3	0.0	0.0	0.0	4.8
23	10.8	25.4	18.3	64.0	0.0	0.0	0.0	7.1
24	12.5	26.8	20.2	51.3	0.0	0.0	0.0	4.0
25	14.4	23.6	18.5	66.3	0.0	0.0	0.0	1.2
26	12.2	27.2	21.2	51.0	0.0	0.0	0.0	6.3
27	11.4	26.4	20.0	58.3	0.0	0.0	0.0	7.2
28	12.6	27.6	19.2	73.3	2.3	.3	2.6	6.4
29	13.6	24.4	17.3	86.7	27.5	0.0	27.5	2.3
30	13.0	26.8	20.3	64.7	0.0	0.0	0.0	5.8
31								
Total :					107.7	26.1	133.8	112.3
Promedio :	13.6	24.3	18.4	72.4				

Estación : MANUEL MEJIA
Año : 2002

Dpto. : CAUCA
Mpio. : EL TAMBO

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.6	26.8	22.6	38.7	0.0	0.0	0.0	8.7
2	15.2	26.4	20.1	58.7	0.0	0.0	0.0	7.2
3	12.6	25.4	18.9	71.0	0.0	0.0	0.0	7.0
4	14.8	24.8	18.6	80.0	1.5	0.0	1.5	5.6
5	15.6	21.0	17.1	90.3	8.4	.7	9.1	.1
6	15.2	24.2	19.0	82.0	0.0	0.0	0.0	4.6
7	13.0	26.4	19.6	76.0	0.0	0.0	0.0	7.3
8	13.4	27.4	20.0	66.0	0.0	0.0	0.0	9.1
9	13.2	26.8	19.0	81.0	6.8	0.0	6.8	7.6
10	13.0	23.8	18.3	83.0	.1	0.0	.1	3.5
11	16.6	24.6	19.8	71.3	0.0	0.0	0.0	3.1
12	15.4	25.8	20.6	56.7	0.0	0.0	0.0	5.7
13	14.2	26.8	21.0	45.3	0.0	0.0	0.0	7.2
14	14.6	25.0	20.9	54.0	0.0	0.0	0.0	3.8
15	15.4	25.2	19.0	70.3	0.0	0.0	0.0	3.7
16	14.8	25.0	19.6	71.7	0.0	0.0	0.0	3.7
17	16.0	25.2	20.6	71.7	.1	0.0	.1	3.6
18	16.1	24.4	19.3	75.3	3.9	0.0	3.9	4.6
19	13.8	25.8	19.5	69.0	0.0	0.0	0.0	6.1
20	15.8	23.6	19.3	79.0	0.0	0.0	0.0	1.4
21	16.0	24.4	17.6	84.0	1.2	0.0	1.2	3.0
22	15.8	25.8	18.6	78.3	14.3	0.0	14.3	5.4
23	15.4	24.4	19.2	79.0	0.0	0.0	0.0	5.9
24	15.6	24.0	18.0	82.7	2.4	0.0	2.4	3.9
25	15.4	23.4	18.8	67.7	0.0	0.0	0.0	2.2
26	14.8	26.2	21.3	37.3	0.0	0.0	0.0	6.9
27	12.8	26.4	20.0	48.0	0.0	0.0	0.0	10.0
28	12.7	26.0	20.8	45.0	0.0	0.0	0.0	10.0
29	15.2	27.0	21.1	43.0	0.0	0.0	0.0	8.6
30	11.6	25.6	19.5	61.7	0.0	0.0	0.0	8.1
31	13.8	23.6	18.8	61.7	.5	0.0	.5	2.8
Total :					39.2	.7	39.9	170.4
Promedio :	14.5	25.2	19.6	67.1				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.2	26.4	19.6	54.7	0.0	0.0	0.0	9.6
2	12.2	27.2	20.6	48.3	0.0	0.0	0.0	9.3
3	11.2	25.4	20.1	46.7	0.0	0.0	0.0	8.9
4	13.6	25.6	19.9	57.0	0.0	0.0	0.0	8.2
5	12.6	27.4	21.4	52.3	0.0	0.0	0.0	9.5
6	10.5	28.2	20.2	57.0	0.0	0.0	0.0	8.5
7	16.2	27.8	21.5	49.0	0.0	0.0	0.0	6.2
8	14.2	26.8	20.3	57.7	0.0	0.0	0.0	8.9
9	13.4	25.8	19.8	51.7	0.0	0.0	0.0	7.1
10	8.0	26.4	18.9	54.7	0.0	0.0	0.0	10.3
11	13.4	25.8	19.5	54.3	0.0	0.0	0.0	10.2
12	16.4	28.4	22.2	44.3	0.0	0.0	0.0	8.7
13	15.6	26.1	20.6	55.3	0.0	0.0	0.0	10.3
14	14.4	26.4	20.0	62.7	0.0	0.0	0.0	7.3
15	16.1	27.4	21.8	47.3	0.0	0.0	0.0	8.9
16	18.2	26.8	21.4	49.3	0.0	0.0	0.0	5.0
17	18.4	26.6	21.6	42.0	0.0	0.0	0.0	9.8
18	12.4	27.2	20.2	56.7	0.0	0.0	0.0	7.4
19	10.2	26.8	19.6	58.0	0.0	0.0	0.0	8.3
20	13.6	26.5	20.6	59.3	0.0	0.0	0.0	5.6
21	12.2	29.6	21.4	51.3	0.0	0.0	0.0	9.9
22	10.6	28.6	21.2	54.0	0.0	0.0	0.0	8.2
23	12.0	28.8	19.9	54.0	0.0	0.0	0.0	8.3
24	12.2	28.4	20.7	59.0	0.0	0.0	0.0	7.6
25	13.2	27.8	21.0	65.7	0.0	0.0	0.0	6.3
26	12.8	23.2	17.5	86.0	1.8	0.0	1.8	1.7
27	13.8	24.0	18.4	79.7	0.0	.4	.4	2.5
28	15.6	24.8	18.4	77.7	3.8	14.4	18.2	4.1
29	15.2	21.6	17.0	79.3	0.0	.4	.4	1.1
30	14.8	22.4	17.7	80.7	0.0	0.0	0.0	2.1
31	15.4	24.8	18.2	84.7	11.1	6.0	17.1	4.8
Total :					16.7	21.2	37.9	224.6
Promedio :	13.5	26.4	20.0	59.0				

Estación : MANUEL MEJIA
Año : 2002

Dpto. : CAUCA
Mpio. : EL TAMBO

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.8	24.6	18.0	82.3	.6	0.0	.6	1.9
2	14.8	26.8	19.5	76.3	0.0	0.0	0.0	4.9
3	15.4	25.4	20.2	61.7	0.0	0.0	0.0	4.1
4	14.6	27.2	21.4	54.3	0.0	0.0	0.0	6.9
5	10.1	27.6	19.4	60.0	0.0	0.0	0.0	9.4
6	11.8	28.2	20.2	61.3	0.0	0.0	0.0	7.4
7	13.0	27.4	19.9	62.0	0.0	0.0	0.0	7.1
8	11.4	28.4	21.8	45.3	0.0	0.0	0.0	8.5
9	11.6	28.4	19.4	57.0	0.0	0.0	0.0	8.4
10	11.2	26.6	19.4	69.7	0.0	.3	.3	5.4
11	12.8	28.1	20.7	56.0	0.0	0.0	0.0	8.1
12	11.6	28.8	20.0	61.3	0.0	0.0	0.0	7.6
13	11.2	28.5	20.2	63.3	0.0	0.0	0.0	9.1
14	14.4	27.6	18.8	76.0	8.5	0.0	8.5	8.5
15	15.4	25.6	19.5	76.0	.1	0.0	.1	4.9
16	14.4	27.2	21.2	54.3	0.0	0.0	0.0	6.2
17	12.6	25.4	19.8	70.7	0.0	0.0	0.0	5.1
18	15.4	21.8	17.2	89.7	4.8	0.0	4.8	1.2
19	13.2	27.2	19.8	68.0	0.0	0.0	0.0	6.7
20	11.6	26.8	20.0	66.3	0.0	0.0	0.0	3.8
21	13.4	28.2	20.8	65.0	0.0	0.0	0.0	8.6
22	11.8	28.4	20.8	64.0	0.0	0.0	0.0	9.0
23	11.2	27.2	18.5	75.3	27.3	0.0	27.3	5.8
24	15.6	25.4	18.5	81.7	7.8	0.0	7.8	2.1
25	15.5	24.8	17.6	82.7	.3	6.3	6.6	2.0
26	14.8	23.0	17.0	93.7	3.2	0.0	3.2	1.5
27	13.8	24.8	19.4	75.7	0.0	.7	.7	4.5
28	15.0	22.8	17.9	79.7	14.5	0.0	14.5	2.8
29	12.4	25.4	18.8	66.7	0.0	0.0	0.0	6.2
30	10.8	26.4	19.3	66.3	0.0	0.0	0.0	6.7
31								
Total :					67.1	7.3	74.4	174.4
Promedio :	13.2	26.5	19.5	68.7				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.2	27.4	19.8	65.0	0.0	.2	.2	8.2
2	13.4	26.8	19.6	62.0	0.0	0.0	0.0	6.9
3	11.2	28.2	20.4	54.3	0.0	0.0	0.0	8.5
4	11.4	28.6	20.9	58.0	0.0	0.0	0.0	7.5
5	11.6	27.2	19.6	62.7	0.0	0.0	0.0	7.4
6	13.2	26.4	19.8	64.0	0.0	0.0	0.0	5.3
7	11.4	27.6	19.2	70.0	0.0	9.5	9.5	8.1
8	15.0	26.1	19.8	70.0	0.0	0.0	0.0	4.6
9	14.8	25.2	19.2	79.3	.3	0.0	.3	5.4
10	11.8	28.8	20.8	67.0	0.0	0.0	0.0	9.4
11	15.8	27.2	19.8	65.7	0.0	0.0	0.0	3.4
12	14.0	28.0	20.5	57.3	0.0	0.0	0.0	8.1
13	14.1	27.8	20.2	60.0	0.0	0.0	0.0	6.5
14	13.4	28.0	19.0	74.3	5.7	0.0	5.7	7.6
15	14.0	22.4	17.6	88.0	9.5	0.0	9.5	1.7
16	12.8	26.2	19.0	72.0	0.0	0.0	0.0	3.9
17	15.4	23.0	18.0	82.3	.7	0.0	.7	2.3
18	15.6	25.6	18.8	75.0	0.0	0.0	0.0	4.5
19	11.8	25.8	19.3	72.7	1.8	0.0	1.8	6.1
20	16.4	26.0	18.5	77.0	1.9	17.1	19.0	1.3
21	14.5	24.4	17.9	83.0	4.3	32.0	36.3	2.6
22	15.4	22.8	18.2	77.7	1.0	0.0	1.0	.9
23	15.2	24.6	18.6	79.0	6.0	1.4	7.4	5.1
24	14.8	24.6	18.1	80.0	.2	8.0	8.2	3.9
25	15.2	23.4	18.6	82.7	3.5	2.6	6.1	7.1
26	14.4	23.6	17.4	88.3	3.4	0.0	3.4	3.8
27	14.5	22.6	17.0	83.7	30.8	8.7	39.5	1.4
28	14.6	24.4	18.0	80.0	2.4	14.5	16.9	8.2
29	15.2	23.2	17.6	81.3	2.7	17.8	20.5	3.6
30	15.0	23.8	17.4	84.3	3.9	.1	4.0	4.4
31	15.2	24.4	18.0	84.0	11.5	.1	11.6	3.3
Total :					89.6	112.0	201.6	161.0
Promedio :	13.9	25.6	18.9	73.6				

Estación : MANUEL MEJIA
Año : 2002

Dpto. : CAUCA
Mpio. : EL TAMBO

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	23.0	17.6	82.0	25.9	0.0	25.9	3.6
2	14.4	21.8	16.9	89.3	11.4	10.0	21.4	.4
3	15.0	21.2	16.8	81.3	8.2	0.0	8.2	.9
4	11.0	24.8	17.9	80.7	.5	3.5	4.0	6.9
5	14.5	22.4	17.4	83.0	1.1	1.8	2.9	1.9
6	14.4	21.6	17.2	85.7	0.0	0.0	0.0	1.0
7	15.4	22.0	17.4	81.3	2.7	0.0	2.7	.8
8	15.2	20.0	16.8	94.0	8.1	0.0	8.1	.1
9	14.6	24.6	17.2	81.7	27.7	0.0	27.7	3.0
10	11.8	25.0	17.9	78.0	0.0	0.0	0.0	7.6
11	15.2	23.0	18.0	85.7	.2	0.0	.2	3.5
12	15.6	23.6	17.8	87.3	27.0	2.8	29.8	3.0
13	15.4	21.6	17.0	83.7	.6	.8	1.4	1.1
14	14.4	25.4	19.0	83.3	0.0	0.0	0.0	6.3
15	16.0	26.6	19.4	75.7	0.0	0.0	0.0	5.6
16	13.8	25.8	19.8	72.3	0.0	0.0	0.0	5.1
17	15.6	25.0	19.0	71.7	0.0	0.0	0.0	5.7
18	15.2	23.6	17.8	86.7	5.1	9.7	14.8	5.3
19	15.4	24.4	18.8	77.3	0.0	0.0	0.0	7.1
20	14.6	25.0	19.3	74.7	0.0	0.0	0.0	9.1
21	15.8	23.6	18.6	87.0	0.0	0.0	0.0	3.1
22	15.4	24.4	19.2	71.0	0.0	0.0	0.0	4.3
23	13.2	24.2	18.8	61.3	0.0	0.0	0.0	6.9
24	10.2	24.5	17.1	83.7	0.0	0.0	0.0	5.4
25	13.4	26.0	19.6	73.7	0.0	0.0	0.0	5.6
26	14.2	25.6	20.3	75.3	0.0	0.0	0.0	4.2
27	15.6	24.8	20.0	80.3	0.0	0.0	0.0	4.9
28	15.4	25.2	19.8	80.0	0.0	0.0	0.0	5.2
29	17.2	23.6	19.2	82.7	.1	0.0	.1	1.8
30	16.0	25.6	20.0	73.3	0.0	0.0	0.0	6.4
31								
Total :					118.6	28.6	147.2	125.8
Promedio :	14.6	23.9	18.4	80.1				

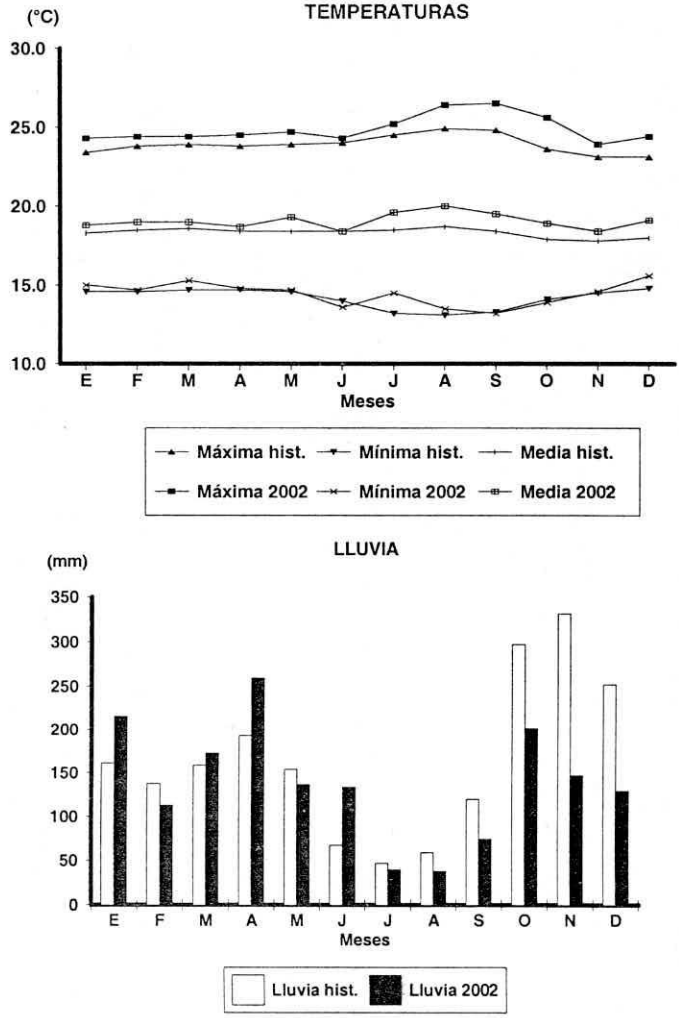
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	26.0	19.8	82.0	2.1	0.0	2.1	6.3
2	15.8	27.2	20.4	72.7	0.0	0.0	0.0	8.9
3	15.4	27.5	20.6	70.7	0.0	0.0	0.0	8.9
4	13.8	24.8	19.8	75.0	0.0	.4	.4	3.8
5	15.2	24.6	18.4	91.0	1.3	3.5	4.8	4.7
6	16.4	23.4	18.6	85.3	.1	.2	.3	2.7
7	15.8	25.4	18.8	80.7	5.2	0.0	5.2	4.9
8	14.4	23.6	18.0	86.7	2.8	1.1	3.9	3.4
9	14.6	24.4	18.8	81.7	0.0	0.0	0.0	9.6
10	14.8	25.6	19.1	80.7	4.4	0.0	4.4	5.2
11	17.2	26.0	20.6	78.0	0.0	2.1	2.1	8.7
12	16.8	25.6	19.9	73.7	0.0	0.0	0.0	8.5
13	15.4	25.0	19.2	80.0	28.1	0.0	28.1	5.1
14	17.0	25.1	19.2	84.0	26.6	8.6	35.2	3.4
15	16.4	20.0	17.5	90.7	5.6	6.3	11.9	0.0
16	15.6	18.2	16.5	94.0	8.8	3.5	12.3	0.0
17	15.4	22.0	17.5	84.3	3.5	5.6	9.1	1.2
18	15.8	23.4	18.7	83.0	1.7	.3	2.0	1.8
19	14.0	25.0	19.2	84.0	0.0	0.0	0.0	3.5
20	15.4	22.2	17.3	90.7	5.6	0.0	5.6	1.4
21	14.4	23.4	18.0	82.3	0.0	0.0	0.0	3.4
22	14.8	24.6	19.8	78.0	0.0	.3	.3	8.2
23	15.4	24.8	20.0	77.3	0.0	0.0	0.0	8.3
24	16.4	24.0	19.1	85.0	0.0	0.0	0.0	2.8
25	14.4	24.8	19.4	75.0	.8	0.0	.8	7.6
26	16.0	25.1	18.8	77.3	.1	0.0	.1	7.6
27	16.4	22.4	18.6	80.7	0.0	0.0	0.0	3.3
28	16.8	26.1	20.2	76.0	.9	0.0	.9	6.7
29	17.0	25.2	19.6	82.3	0.0	0.0	0.0	6.3
30	16.2	26.0	20.0	78.7	0.0	0.0	0.0	8.4
31	16.0	25.4	20.3	72.3	0.0	0.0		8.3
Total :					97.6	31.9	129.5	162.9
Promedio :	15.6	24.4	19.1	81.1				

Estación : MANUEL MEJIA
Año : 2002

Dpto. : CAUCA
Mpio. : EL TAMBO

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	15.0	24.3	18.8	26.2	12.2	79.6	215.3	19	188.7
Febrero	14.7	24.4	19.0	27.4	12.2	79.7	112.7	12	152.3
Marzo	15.3	24.4	19.0	27.6	12.6	81.0	172.7	14	146.8
Abril	14.8	24.5	18.7	27.4	12.2	79.2	259.1	18	140.7
Mayo	14.7	24.7	19.3	28.2	12.4	74.4	136.7	12	142.6
Junio	13.6	24.3	18.4	27.6	10.8	72.4	133.8	13	112.3
Julio	14.5	25.2	19.6	27.4	11.6	67.1	39.9	10	170.4
Agosto	13.5	26.4	20.0	29.6	8.0	59.0	37.9	5	224.6
Septiembre	13.2	26.5	19.5	28.8	10.1	68.7	74.4	11	174.4
Octubre	13.9	25.6	18.9	28.8	11.2	73.6	201.6	19	161.0
Noviembre	14.6	23.9	18.4	26.6	10.2	80.1	147.2	13	125.8
Diciembre	15.6	24.4	19.1	27.5	13.8	81.1	129.5	19	162.9
Promedio :	14.4	24.9	19.1			74.7			
Absoluta :				29.6	8.0				
Total :							1660.8	165	1902.5



Estación : PUEBLO BELLO
Año : 2002

Dpto. : CESAR
Mpio. : PUEBLO BELLO

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	27.5	20.3	78.3	0.0	0.0	0.0	7.9
2	13.0	27.2	20.6	72.7	0.0	0.0	0.0	8.7
3	15.0	26.8	21.3	76.3	.1	.2	.3	8.4
4	15.5	26.5	21.6	76.0	0.0	0.0	0.0	9.4
5	15.0	26.0	19.2	82.7	0.0	0.0	0.0	8.6
6	14.0	26.5	20.9	75.7	0.0	0.0	0.0	8.4
7	13.8	26.8	20.4	70.3	0.0	0.0	0.0	9.4
8	14.5	26.1	19.6	73.3	0.0	0.0	0.0	9.7
9	13.5	26.5	19.3	74.3	0.0	0.0	0.0	7.9
10	12.1	26.8	19.1	71.7	0.0	0.0	0.0	8.6
11	12.0	26.0	19.5	73.3	0.0	0.0	0.0	3.4
12	13.0	26.3	18.8	77.3	0.0	0.0	0.0	10.1
13	12.0	26.8	19.0	73.7	0.0	0.0	0.0	10.0
14	13.0	26.5	20.2	75.7	0.0	0.0	0.0	8.9
15	14.0	27.2	21.0	75.0	0.0	0.0	0.0	9.2
16	14.5	27.0	20.3	72.3	0.0	0.0	0.0	9.8
17	12.1	26.6	18.8	70.3	0.0	0.0	0.0	10.0
18	12.0	26.5	18.8	70.0	0.0	0.0	0.0	9.4
19	11.5	26.8	19.0	75.0	0.0	0.0	0.0	9.4
20	12.0	27.0	19.8	69.0	0.0	0.0	0.0	9.3
21	12.2	27.6	19.0	65.3	0.0	0.0	0.0	9.9
22	11.6	27.5	19.2	71.7	0.0	0.0	0.0	8.9
23	12.5	28.6	21.0	65.0	0.0	0.0	0.0	8.7
24	13.8	26.8	19.8	71.0	0.0	0.0	0.0	9.7
25	10.8	27.7	18.9	64.0	0.0	0.0	0.0	9.1
26	12.0	28.0	17.8	66.3	0.0	0.0	0.0	9.8
27	9.0	27.5	19.5	65.0	0.0	0.0	0.0	10.2
28	12.0	27.6	20.0	69.7	0.0	0.0	0.0	9.9
29	12.4	28.5	20.7	66.3	0.0	0.0	0.0	8.4
30	13.5	27.5	20.8	71.0	0.0	0.0	0.0	8.2
31	14.5	27.9	20.6	71.3	0.0	0.0	0.0	8.0
Total :					.1	.2	.3	277.3
Promedio :	13.0	27.1	19.8	71.9				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	29.5	22.0	64.0	0.0	0.0	0.0	6.7
2	14.5	29.4	22.3	63.7	0.0	0.0	0.0	9.7
3	15.2	27.6	20.2	80.0	2.6	0.0	2.6	6.2
4	15.5	26.8	19.8	80.7	.3	0.0	.3	4.5
5	15.4	27.2	20.0	62.0	0.0	0.0	0.0	8.4
6	10.8	27.5	19.0	59.7	0.0	0.0	0.0	9.6
7	12.0	27.8	20.5	66.7	0.0	0.0	0.0	7.3
8	14.4	27.6	19.6	75.0	0.0	0.0	0.0	6.6
9	15.0	27.5	21.4	63.7	0.0	0.0	0.0	9.4
10	13.0	27.9	20.5	61.3	0.0	0.0	0.0	10.2
11	13.4	27.8	20.4	65.7	0.0	0.0	0.0	9.0
12	11.6	28.0	19.6	61.0	0.0	0.0	0.0	9.6
13	12.0	28.5	20.6	59.0	0.0	0.0	0.0	9.0
14	12.6	28.8	21.1	57.0	0.0	0.0	0.0	8.2
15	13.4	29.0	22.0	56.3	0.0	0.0	0.0	9.2
16	13.8	29.4	21.4	58.3	0.0	0.0	0.0	9.2
17	14.5	30.0	22.7	55.0	0.0	0.0	0.0	9.1
18	14.9	29.0	22.3	66.0	0.0	0.0	0.0	6.6
19	15.0	28.6	21.8	60.0	0.0	0.0	0.0	9.3
20	13.0	29.2	21.8	53.7	0.0	0.0	0.0	9.4
21	12.5	28.8	21.0	52.7	0.0	0.0	0.0	9.4
22	12.0	30.4	22.0	50.3	0.0	0.0	0.0	9.4
23	16.0	28.8	21.9	63.0	0.0	0.0	0.0	7.3
24	16.3	29.4	22.8	63.3	0.0	0.0	0.0	9.7
25	14.5	30.4	22.6	57.0	0.0	0.0	0.0	9.1
26	14.4	29.4	21.8	64.3	0.0	0.0	0.0	8.2
27	16.5	28.5	22.5	59.3	0.0	0.0	0.0	8.6
28	14.0	28.0	21.2	50.7	0.0	0.0	0.0	9.4
29								
30								
31								
Total :					2.9	0.0	2.9	238.3
Promedio :	14.0	28.6	21.2	61.8				

Estación : PUEBLO BELLO
Año : 2002

Dpto. : CESAR
Mpio. : PUEBLO BELLO

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.8	28.4	21.1	53.7	0.0	0.0	0.0	9.4
2	11.5	30.0	20.4	61.3	0.0	0.0	0.0	9.3
3	13.8	30.2	21.6	61.3	0.0	0.0	0.0	9.6
4	14.8	29.5	22.1	58.0	0.0	0.0	0.0	8.4
5	11.8	27.7	20.6	53.7	0.0	0.0	0.0	9.5
6	11.6	27.8	20.3	56.7	0.0	0.0	0.0	8.2
7	11.9	29.2	21.6	49.3	0.0	0.0	0.0	9.6
8	12.0	28.5	21.5	54.7	0.0	0.0	0.0	8.0
9	13.3	30.0	21.8	51.0	0.0	0.0	0.0	9.1
10	14.8	30.2	22.7	54.0	0.0	0.0	0.0	8.8
11	14.9	29.4	21.6	71.0	0.0	0.0	0.0	6.6
12	14.5	29.8	21.0	69.3	0.0	0.0	0.0	5.8
13	16.0	30.0	22.9	58.0	0.0	0.0	0.0	8.0
14	15.7	29.5	23.0	61.7	0.0	1.1	1.1	6.3
15	18.5	27.8	22.4	66.3	0.0	0.0	0.0	4.8
16	15.5	28.6	21.3	76.7	.5	0.0	.5	5.0
17	14.8	28.9	21.3	72.0	0.0	0.0	0.0	6.4
18	15.4	30.0	22.4	62.3	0.0	0.0	0.0	7.3
19	14.8	29.0	20.2	75.3	1.0	0.0	1.0	6.2
20	18.2	26.0	20.1	86.7	1.6	1.7	3.3	1.9
21	18.0	25.0	20.4	88.7	.3	1.4	1.7	.6
22	18.2	25.0	21.2	81.7	0.0	0.0	0.0	1.2
23	15.7	27.6	20.0	82.7	37.8	0.0	37.8	4.7
24	16.3	28.5	21.0	79.7	0.0	0.0	0.0	5.5
25	15.4	30.1	22.9	67.7	0.0	0.0	0.0	7.5
26	17.0	30.0	23.1	68.0	0.0	0.0	0.0	5.3
27	17.5	28.8	21.6	78.7	9.6	0.0	9.6	6.8
28	17.7	26.6	21.8	76.0	.1	0.0	.1	5.1
29	16.4	27.5	20.8	78.3	2.4	0.0	2.4	5.5
30	16.2	27.8	22.4	61.7	0.0	0.0	0.0	7.5
31	15.0	30.2	23.0	61.3	0.0	0.0	0.0	9.6
Total :					53.3	4.2	57.5	207.5
Promedio :	15.1	28.6	21.6	67.0				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	30.6	23.6	61.7	0.0	0.0	0.0	6.8
2	16.7	29.0	22.8	70.7	0.0	0.0	0.0	5.3
3	18.5	27.4	22.7	71.0	0.0	0.0	0.0	4.8
4	15.5	29.5	23.2	63.3	0.0	0.0	0.0	8.5
5	16.6	29.6	21.0	79.3	37.5	0.0	37.5	5.4
6	16.8	28.2	21.3	79.7	1.7	0.0	1.7	5.3
7	16.4	25.8	18.6	96.3	76.3	0.0	76.3	3.3
8	15.9	28.2	21.4	72.7	0.0	0.0	0.0	5.6
9	14.5	27.4	20.7	74.0	0.0	0.0	0.0	6.3
10	14.6	26.5	19.6	80.0	21.0	0.0	21.0	4.0
11	16.5	26.0	20.1	81.3	1.4	0.0	1.4	2.1
12	13.8	25.7	19.0	71.0	0.0	0.0	0.0	5.6
13	14.0	26.2	20.3	73.3	0.0	0.0	0.0	4.7
14	16.0	26.6	20.8	74.7	0.0	0.0	0.0	4.2
15	14.4	27.9	20.8	75.0	0.0	0.0	0.0	7.8
16	14.8	28.6	22.8	62.7	0.0	0.0	0.0	8.6
17	15.9	28.5	21.9	77.0	0.0	0.0	0.0	5.4
18	17.8	26.6	21.1	80.0	9.4	2.4	11.8	1.7
19	17.4	25.0	20.8	82.7	0.0	.3	.3	.2
20	17.5	27.0	20.5	82.7	3.1	0.0	3.1	6.6
21	16.5	25.9	21.0	86.0	.6	3.6	4.2	1.9
22	16.6	27.2	20.6	83.3	8.1	0.0	8.1	7.4
23	18.0	26.6	21.8	85.3	.5	0.0	.5	3.2
24	17.8	27.4	22.5	71.7	0.0	0.0	0.0	5.6
25	16.8	26.3	21.2	81.3	2.9	55.4	58.3	1.9
26	18.0	24.9	21.4	86.0	0.0	0.0	0.0	.8
27	15.5	27.3	21.0	74.0	0.0	0.0	0.0	7.8
28	14.6	28.2	21.3	72.7	0.0	0.0	0.0	8.2
29	14.4	27.6	21.9	68.3	0.0	0.0	0.0	8.2
30	14.8	28.3	21.2	76.7	0.0	0.0	0.0	7.2
31								
Total :					162.5	61.7	224.2	154.4
Promedio :	16.1	27.3	21.2	76.5				

Estación : PUEBLO BELLO
Año : 2002

Dpto. : CESAR
Mpio. : PUEBLO BELLO

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.9	22.2	81.3	0.0	0.0	0.0	5.6
2	16.8	27.5	22.6	77.7	0.0	0.0	0.0	3.3
3	16.9	28.2	22.2	74.0	0.0	0.0	0.0	5.4
4	16.6	28.3	22.4	69.0	0.0	0.0	0.0	6.4
5	15.9	28.2	22.9	65.0	0.0	0.0	0.0	10.1
6	15.5	28.6	22.3	73.0	0.0	0.0	0.0	7.7
7	16.9	28.4	22.4	74.7	0.0	0.0	0.0	5.6
8	16.8	29.0	22.2	71.7	0.0	0.0	0.0	7.1
9	16.2	27.9	22.8	73.0	0.0	0.0	0.0	5.5
10	18.4	29.4	22.0	76.7	8.7	1.1	9.8	4.2
11	18.0	28.5	22.4	81.0	1.8	0.0	1.8	4.4
12	17.8	29.5	22.5	74.3	0.0	0.0	0.0	7.7
13	15.9	29.8	23.6	64.0	0.0	0.0	0.0	7.9
14	16.6	30.0	24.5	62.7	0.0	0.0	0.0	7.9
15	19.0	29.8	23.7	72.7	0.0	0.0	0.0	4.4
16	18.5	27.8	24.0	65.0	0.0	0.0	0.0	4.6
17	16.0	27.0	21.5	79.7	0.0	0.0	0.0	2.0
18	19.0	26.3	21.0	84.7	0.0	1.5	1.5	.2
19	18.2	30.0	23.8	63.7	0.0	3.5	3.5	4.5
20	18.5	28.8	22.3	75.3	0.0	0.0	0.0	3.6
21	17.8	28.0	22.0	78.7	0.0	7.6	7.6	4.4
22	17.9	24.9	20.8	90.7	2.4	.1	2.5	1.5
23	16.0	28.3	21.2	86.0	3.1	6.6	9.7	6.2
24	17.0	29.2	23.4	68.7	0.0	12.3	12.3	8.6
25	19.5	27.0	21.6	87.3	2.0	12.6	14.6	4.1
26	17.6	25.7	21.0	82.7	1.1	15.3	16.4	0.0
27	18.0	26.0	20.4	85.7	39.9	1.4	41.3	4.3
28	17.2	26.3	20.6	81.0	33.7	2.3	36.0	1.1
29	18.2	25.5	20.2	87.7	27.0	0.0	27.0	3.4
30	15.9	26.5	20.7	84.3	11.2	7.9	19.1	.5
31	18.4	26.8	20.7	87.3	22.9	.8	23.7	1.8
Total :					153.8	73.0	226.8	144.0
Promedio :	17.3	27.9	22.1	76.8				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	27.7	22.1	81.7	0.0	4.3	4.3	5.4
2	17.9	25.6	22.0	85.7	0.0	0.0	0.0	5.7
3	17.5	26.4	21.9	87.0	2.5	0.0	2.5	5.2
4	17.7	25.7	20.8	89.0	21.1	8.1	29.2	3.8
5	18.9	25.0	20.0	86.7	12.4	0.0	12.4	.9
6	16.8	25.6	20.3	88.0	3.4	3.9	7.3	5.3
7	17.4	28.2	21.8	81.3	0.0	0.0	0.0	7.2
8	16.5	28.4	22.4	79.3	0.0	48.0	48.0	4.6
9	16.6	27.2	21.4	88.7	0.0	0.0	0.0	.9
10	15.5	28.5	22.3	82.0	0.0	.6	.6	8.4
11	18.5	26.5	22.0	86.0	0.0	10.1	10.1	6.3
12	16.4	26.4	21.8	91.7	0.0	0.0	0.0	7.7
13	15.3	27.0	22.0	81.0	0.0	5.0	5.0	9.0
14	15.9	26.5	22.2	79.3	0.0	0.0	0.0	8.0
15	18.9	28.0	22.2	80.3	0.0	0.0	0.0	5.7
16	19.4	27.2	22.3	83.3	0.0	0.0	0.0	4.6
17	17.4	26.4	22.5	82.3	0.0	0.0	0.0	5.4
18	17.2	27.4	21.2	79.0	4.2	4.0	8.2	3.2
19	17.5	27.0	22.7	83.7	0.0	0.0	0.0	7.5
20	16.0	28.5	22.4	81.3	0.0	0.0	0.0	7.2
21	15.8	27.4	21.6	79.0	0.0	0.0	0.0	7.3
22	17.5	29.0	23.4	73.3	0.0	0.0	0.0	7.0
23	17.0	27.6	22.5	79.3	0.0	0.0	0.0	8.1
24	17.7	28.5	23.5	73.7	0.0	0.0	0.0	5.6
25	17.2	29.7	22.5	77.3	0.0	0.0	0.0	5.5
26	16.6	28.4	23.0	75.7	0.0	0.0	0.0	7.5
27	15.8	28.5	22.4	74.0	0.0	0.0	0.0	7.8
28	16.5	27.8	23.0	76.0	0.0	0.0	0.0	7.7
29	17.2	27.3	21.8	80.0	0.0	0.0	0.0	5.2
30	16.3	27.5	22.3	71.3	0.0	0.0	0.0	6.1
31								
Total :					43.6	84.0	127.6	179.8
Promedio :	17.1	27.4	22.1	81.2				

Estación : PUEBLO BELLO
Año : 2002

Dpto. : CESAR
Mpio. : PUEBLO BELLO

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	29.7	23.0	65.3	0.0	0.0	0.0	9.7
2	16.0	28.9	23.6	70.7	0.0	0.0	0.0	9.1
3	16.6	29.0	22.8	71.0	0.0	0.0	0.0	9.4
4	16.5	28.5	23.0	76.3	0.0	0.0	0.0	8.1
5	16.4	28.9	21.9	73.3	0.0	0.0	0.0	8.2
6	16.6	25.5	21.7	79.0	.1	0.0	.1	4.1
7	13.6	28.6	22.6	62.3	0.0	0.0	0.0	9.0
8	15.9	29.5	23.1	72.3	0.0	0.0	0.0	7.5
9	16.4	28.8	23.4	69.7	0.0	0.0	0.0	8.1
10	16.6	29.9	23.6	66.7	0.0	0.0	0.0	7.4
11	17.5	28.5	22.2	76.3	0.0	0.0	0.0	5.8
12	19.0	28.3	23.5	74.3	0.0	.2	.2	5.8
13	15.9	28.5	22.6	71.3	0.0	0.0	0.0	7.9
14	17.0	29.7	23.0	73.0	0.0	0.0	0.0	7.5
15	17.5	27.7	22.0	74.3	0.0	0.0	0.0	4.8
16	14.9	28.4	22.1	66.0	0.0	0.0	0.0	7.3
17	15.0	29.4	22.6	72.3	.3	0.0	.3	7.4
18	18.0	27.5	21.4	79.7	1.1	3.7	4.8	4.1
19	18.3	27.8	23.1	71.0	0.0	0.0	0.0	5.9
20	15.0	28.9	21.2	73.7	0.0	0.0	0.0	8.9
21	17.0	29.4	21.8	73.7	0.0	0.0	0.0	9.3
22	13.5	29.0	22.5	51.7	0.0	0.0	0.0	9.6
23	12.3	29.8	21.9	66.3	0.0	0.0	0.0	7.8
24	15.6	30.0	21.9	75.7	0.0	0.0	0.0	7.8
25	17.5	28.5	23.1	64.3	0.0	0.0	0.0	5.4
26	16.0	31.0	23.2	63.0	0.0	0.0	0.0	6.2
27	15.6	30.5	23.1	66.7	0.0	0.0	0.0	7.7
28	17.2	29.2	23.4	65.7	0.0	0.0	0.0	5.9
29	16.2	31.8	23.7	53.3	0.0	0.0	0.0	7.0
30	15.0	31.0	23.5	63.0	0.0	0.0	0.0	9.9
31	16.0	28.6	22.7	67.7	.4	3.7	4.1	5.2
Total					1.9	7.6	9.5	227.8
Promedio :	16.2	29.1	22.7	69.3				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	27.6	20.8	79.3	0.0	0.0	0.0	6.9
2	17.2	29.2	21.4	76.0	.2	4.1	4.3	6.7
3	15.6	29.7	21.9	73.3	1.1	0.0	1.1	7.3
4	16.3	28.8	20.3	79.0	18.2	.3	18.5	5.9
5	16.0	27.2	20.0	85.0	1.0	0.0	1.0	5.5
6	14.9	28.0	21.6	74.0	0.0	0.0	0.0	7.9
7	16.6	30.2	22.9	65.7	0.0	6.2	6.2	8.1
8	17.2	27.6	21.9	82.0	0.0	.7	.7	.7
9	17.0	24.9	21.6	87.3	0.0	0.0	0.0	0.0
10	15.2	28.6	22.0	69.7	0.0	0.0	0.0	7.7
11	16.7	30.1	22.4	76.7	.9	0.0	.9	6.8
12	18.2	28.5	22.2	80.7	0.0	0.0	0.0	4.8
13	15.8	29.0	22.8	72.0	0.0	0.0	0.0	6.9
14	17.5	29.5	23.5	67.0	0.0	0.0	0.0	8.3
15	16.6	30.8	23.7	65.7	0.0	0.0	0.0	10.0
16	17.8	30.7	23.8	58.3	.1	0.0	.1	6.5
17	14.5	30.4	23.1	56.3	0.0	0.0	0.0	9.9
18	16.6	30.0	22.8	65.7	0.0	0.0	0.0	5.8
19	16.7	28.9	21.5	79.0	0.0	0.0	0.0	1.6
20	18.7	27.0	22.8	71.7	.3	.7	1.0	2.5
21	16.7	31.0	24.2	55.7	0.0	0.0	0.0	8.5
22	17.0	30.9	23.0	69.3	.3	3.9	4.2	8.6
23	16.6	30.8	21.6	74.7	9.4	.4	9.8	6.1
24	15.3	29.0	22.0	71.7	0.0	0.0	0.0	6.4
25	16.3	29.9	20.6	79.0	10.0	0.0	10.0	6.8
26	17.4	26.2	21.7	85.3	0.0	3.0	3.0	5.3
27	18.9	27.4	21.4	78.3	7.4	0.0	7.4	4.4
28	17.0	27.2	20.6	90.7	1.9	3.3	5.2	4.7
29	15.7	25.6	21.0	87.7	0.0	16.9	16.9	2.8
30	18.5	26.0	21.6	84.7	0.0	0.0	0.0	3.9
31	16.5	27.5	21.5	86.0	0.0	.5	.5	6.5
Total					50.8	40.0	90.8	183.8
Promedio :	16.8	28.7	22.0	75.1				

Estación : PUEBLO BELLO
Año : 2002

Dpto. : CESAR
Mpio. : PUEBLO BELLO

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	19.2	27.4	21.8	83.3	0.0	12.7	12.7	5.5
2	18.4	27.5	20.8	83.0	42.6	5.3	47.9	5.4
3	16.6	27.7	21.4	79.7	0.0	4.6	4.6	7.7
4	17.0	28.6	22.6	81.3	12.4	0.0	12.4	6.1
5	16.4	28.8	21.1	81.0	0.0	0.0	0.0	8.2
6	16.5	29.8	22.1	76.0	0.0	0.0	0.0	8.2
7	17.0	29.0	22.7	76.7	0.0	0.0	0.0	7.2
8	16.4	29.5	21.8	79.0	0.0	0.0	0.0	7.9
9	16.8	27.6	21.7	81.3	4.4	3.6	8.0	8.1
10	17.0	27.4	19.8	86.7	55.1	1.8	56.9	3.5
11	15.2	26.0	21.2	84.7	0.0	0.0	0.0	2.0
12	16.7	28.3	21.4	77.7	0.0	.3	.3	4.4
13	16.6	28.0	20.0	88.7	12.0	.1	12.1	4.5
14	15.9	27.5	21.8	81.0	0.0	0.0	0.0	6.2
15	17.5	27.0	21.6	84.7	3.1	0.0	3.1	6.9
16	16.4	29.8	21.9	84.0	7.1	.5	7.6	6.6
17	16.9	25.4	21.5	88.3	.8	8.6	9.4	1.8
18	18.6	26.4	20.2	87.3	30.3	.6	30.9	3.5
19	16.1	26.5	21.3	85.3	0.0	0.0	0.0	3.1
20	17.9	28.0	22.1	80.0	0.0	0.0	0.0	3.9
21	16.8	30.0	22.6	75.0	.3	0.0	.3	3.8
22	15.0	28.2	22.0	76.3	0.0	0.0	0.0	7.8
23	17.7	26.6	20.8	82.0	16.9	0.0	16.9	6.8
24	17.8	27.4	21.2	81.3	38.7	3.1	41.8	6.1
25	18.5	26.0	20.6	87.0	5.3	0.0	5.3	4.2
26	16.4	25.3	20.2	82.3	1.4	.7	2.1	.5
27	15.5	27.5	20.4	90.0	0.0	0.0	0.0	6.6
28	16.8	26.5	21.0	80.0	0.0	0.0	0.0	2.3
29	17.1	25.6	20.2	89.0	17.3	2.2	19.5	.7
30	16.5	27.6	20.4	84.0	23.7	.2	23.9	4.5
31								
Total					271.4	44.3	315.7	154.0
Promedio :	16.9	27.6	21.3	82.6				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	27.5	20.6	82.7	0.0	0.0	0.0	6.2
2	15.4	27.7	19.6	88.0	0.0	0.0	0.0	6.2
3	15.9	28.0	22.6	77.3	0.0	0.0	0.0	6.1
4	15.0	30.0	22.4	74.0	0.0	0.0	0.0	7.3
5	15.3	28.9	22.8	74.7	0.0	0.0	0.0	7.2
6	16.0	27.8	22.0	78.7	0.0	0.0	0.0	7.9
7	16.3	27.5	21.0	80.7	14.4	26.5	40.9	6.0
8	15.5	27.0	21.1	86.0	0.0	.5	.5	6.9
9	16.8	27.7	20.8	86.7	1.3	0.0	1.3	5.6
10	15.4	27.9	20.4	84.3	4.5	0.0	4.5	7.0
11	16.8	27.7	21.5	76.7	0.0	.2	.2	.4
12	17.5	27.2	20.8	71.7	0.0	0.0	0.0	2.4
13	17.9	28.5	22.7	76.0	0.0	0.0	0.0	9.0
14	14.8	28.4	22.0	80.0	.4	0.0	.4	7.8
15	17.0	27.0	21.2	89.0	.2	.5	.7	4.3
16	16.9	28.0	20.7	83.0	13.0	0.0	13.0	6.3
17	15.4	26.9	21.2	84.0	0.0	0.0	0.0	8.3
18	16.2	26.8	21.1	81.3	0.0	0.0	0.0	8.4
19	13.3	27.2	21.1	74.3	0.0	0.0	0.0	9.5
20	14.6	28.0	21.6	78.7	0.0	0.0	0.0	7.5
21	16.2	26.8	20.2	87.7	5.3	1.0	6.3	6.1
22	17.4	26.5	21.7	81.3	0.0	0.0	0.0	5.8
23	18.0	28.0	20.3	83.7	8.0	2.3	10.3	5.2
24	15.2	24.4	19.7	94.7	24.4	0.0	24.4	3.9
25	17.5	26.0	20.8	78.0	.4	0.0	.4	4.0
26	18.0	25.8	21.6	86.3	1.8	1.0	2.8	4.6
27	17.4	25.0	19.2	94.7	42.8	.1	42.9	1.4
28	15.2	24.4	19.2	88.7	17.1	5.3	22.4	4.4
29	17.5	25.5	20.2	85.7	11.8	2.9	14.7	3.0
30	19.0	24.0	20.7	91.0	9.8	.1	9.9	3.1
31	15.8	25.6	19.7	82.3	0.0	0.0	0.0	9.5
Total					155.2	40.4	195.6	181.3
Promedio :	16.3	27.0	21.0	82.6				

Estación : PUEBLO BELLO
Año : 2002

Dpto. : CESAR
Mpio. : PUEBLO BELLO

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	27.2	21.2	79.0	0.0	0.0	0.0	9.8
2	15.3	25.6	20.0	85.7	26.8	0.0	26.8	6.1
3	15.8	25.9	20.6	88.7	9.4	0.0	9.4	5.6
4	16.6	25.7	21.0	83.0	0.0	0.0	0.0	7.3
5	15.0	26.0	20.8	81.0	0.0	0.0	0.0	8.7
6	16.4	25.5	20.4	84.3	52.9	.1	53.0	5.8
7	16.2	25.0	20.4	87.0	25.4	.2	25.6	6.1
8	17.4	24.5	20.3	89.0	.4	17.1	17.5	4.1
9	15.0	26.2	20.5	82.0	0.0	0.0	0.0	9.9
10	14.9	26.3	20.4	78.3	0.0	0.0	0.0	10.0
11	14.5	27.0	20.6	82.7	0.0	0.0	0.0	9.2
12	14.8	26.9	21.1	79.3	0.0	0.0	0.0	7.5
13	15.5	26.0	20.6	85.7	0.0	0.0	0.0	1.0
14	16.5	25.3	21.3	83.3	0.0	0.0	0.0	7.1
15	15.5	28.5	22.2	71.7	0.0	0.0	0.0	8.8
16	16.0	28.0	22.1	75.3	0.0	0.0	0.0	8.4
17	15.5	27.9	20.4	78.3	8.4	2.6	11.0	6.9
18	14.9	25.5	20.0	85.3	0.0	0.0	0.0	9.0
19	14.6	26.5	20.5	78.7	0.0	0.0	0.0	9.0
20	14.8	26.9	21.3	79.7	0.0	0.0	0.0	8.7
21	14.7	29.8	21.8	74.0	0.0	0.0	0.0	10.2
22	16.0	28.8	22.2	82.7	0.0	0.0	0.0	7.2
23	15.7	27.4	19.8	86.0	24.1	0.0	24.1	7.0
24	15.9	26.2	21.0	80.0	0.0	0.0	0.0	10.2
25	14.5	27.9	20.8	78.0	0.0	0.0	0.0	10.0
26	15.2	27.8	21.4	76.3	0.0	0.0	0.0	9.7
27	15.6	28.3	21.8	77.7	0.0	0.0	0.0	9.1
28	15.2	27.8	20.8	80.0	0.0	0.0	0.0	9.1
29	15.4	27.7	21.4	77.7	0.0	0.0	0.0	9.2
30	16.0	27.5	22.2	74.3	0.0	0.0	0.0	9.3
31								
Total :					147.4	20.0	167.4	240.0
Promedio :	15.4	26.9	21.0	80.8				

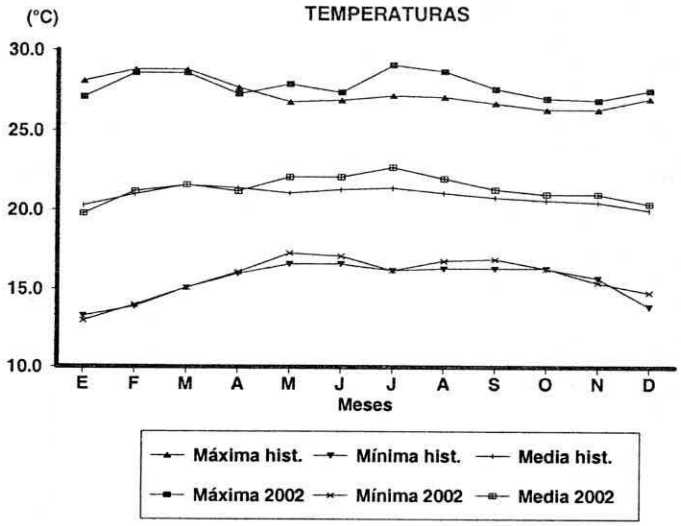
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	28.4	21.0	75.3	0.0	0.0	0.0	8.9
2	15.0	28.0	20.5	76.3	0.0	0.0	0.0	9.5
3	14.5	27.5	19.8	74.0	0.0	0.0	0.0	10.1
4	13.4	27.6	19.8	75.7	0.0	0.0	0.0	8.4
5	13.9	27.9	20.6	74.3	0.0	0.0	0.0	7.9
6	15.0	28.7	21.4	67.7	0.0	0.0	0.0	9.4
7	14.8	27.5	20.8	75.3	0.0	0.0	0.0	7.5
8	15.0	27.7	19.8	76.7	0.0	0.0	0.0	7.8
9	15.4	28.0	19.7	68.3	0.0	0.0	0.0	9.7
10	12.5	28.2	19.4	71.7	0.0	0.0	0.0	8.8
11	14.6	27.5	20.3	70.3	0.0	0.0	0.0	8.5
12	13.6	28.6	20.5	69.3	0.0	0.0	0.0	9.7
13	13.7	29.0	21.8	64.7	0.0	0.0	0.0	8.5
14	15.0	27.6	20.6	78.0	.2	0.0	.2	6.6
15	16.8	26.8	20.8	80.7	.8	14.7	15.5	6.1
16	18.9	23.6	19.5	94.0	15.1	.9	16.0	.5
17	18.6	25.2	21.0	83.3	0.0	0.0	0.0	5.1
18	18.5	26.6	20.4	84.0	27.0	.9	27.9	4.5
19	16.4	26.9	21.0	84.0	3.2	0.0	3.2	7.1
20	15.6	27.4	20.6	81.7	0.0	0.0	0.0	7.0
21	15.2	28.0	20.3	79.3	0.0	0.0	0.0	9.0
22	13.4	27.2	19.8	77.7	0.0	0.0	0.0	9.7
23	12.7	26.9	20.2	76.7	0.0	0.0	0.0	9.9
24	14.0	28.6	20.8	76.0	0.0	0.0	0.0	8.8
25	14.2	29.0	21.8	69.3	0.0	0.0	0.0	9.6
26	15.4	28.5	21.0	77.7	0.0	0.0	0.0	8.6
27	14.0	26.9	19.8	74.7	0.0	0.0	0.0	9.6
28	13.3	27.2	19.7	75.7	0.0	0.0	0.0	9.1
29	13.0	27.5	18.9	67.3	0.0	0.0	0.0	9.9
30	12.6	26.0	18.9	68.7	0.0	0.0	0.0	7.9
31	13.0	28.8	21.0	64.3	0.0	0.0		9.8
Total :					46.3	16.5	62.8	253.5
Promedio :	14.8	27.5	20.4	75.2				

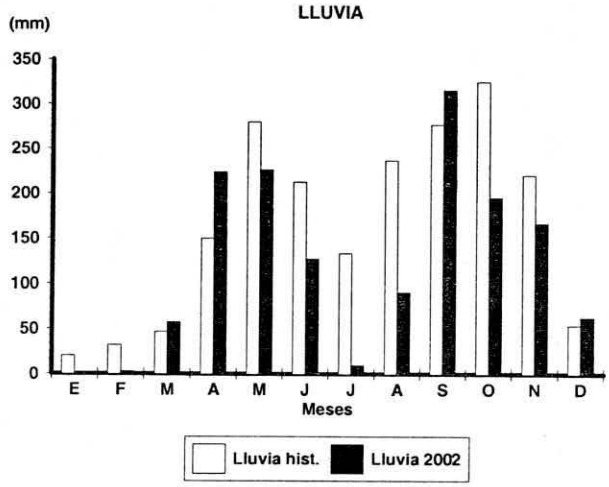
Estación : PUEBLO BELLO
Año : 2002

Dpto. : CESAR
Mpio. : PUEBLO BELLO

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

MES	TEMPERATURA °C Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	PRECIPITACIÓN Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	13.0	27.1	19.8	28.6	9.0	71.9	.3	1	277.3
Febrero	14.0	28.6	21.2	30.4	10.8	61.8	2.9	2	238.3
Marzo	15.1	28.6	21.6	30.2	11.5	67.0	57.5	9	207.5
Abril	16.1	27.3	21.2	30.6	13.8	76.5	224.2	12	154.4
Mayo	17.3	27.9	22.1	30.0	15.5	76.8	226.8	15	144.0
Junio	17.1	27.4	22.1	29.7	15.3	81.2	127.6	10	179.8
Julio	16.2	29.1	22.7	31.8	12.3	69.3	9.5	5	227.8
Agosto	16.8	28.7	22.0	31.0	14.5	75.1	90.8	17	183.8
Septiembre	16.9	27.6	21.3	30.0	15.0	82.6	315.7	19	154.0
Octubre	16.3	27.0	21.0	30.0	13.3	82.6	195.6	17	181.3
Noviembre	15.4	26.9	21.0	29.8	13.0	80.8	167.4	7	240.0
Diciembre	14.8	27.5	20.4	29.0	12.5	75.2	62.8	5	253.5
Promedio :	15.8	27.8	21.4			75.1			
Absoluta :				31.8	9.0				
Total :							1481.1	119	2441.7





Estación : MONTELIBANO
Año : 2002

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	18.0	25.0	21.2	80.7	0.0	0.0	0.0	7.8
2	17.4	24.2	20.3	85.7	0.0	0.0	0.0	7.4
3	17.1	24.4	20.4	80.7	0.0	0.0	0.0	5.9
4	17.9	24.6	20.8	81.0	0.0	0.0	0.0	7.2
5	17.1	25.4	20.4	83.7	0.0	0.0	0.0	5.7
6	17.7	25.2	20.7	81.7	0.0	0.0	0.0	7.1
7	17.2	25.0	21.0	84.0	0.0	5.2	5.2	6.6
8	17.8	25.1	20.6	80.3	0.0	4.0	4.0	9.1
9	17.2	24.8	20.4	81.7	0.0	0.0	0.0	7.8
10	17.0	25.0	20.5	81.7	0.0	0.0	0.0	7.4
11	17.8	24.2	20.2	79.3	0.0	0.0	0.0	6.8
12	17.0	24.4	20.3	80.7	0.0	1.0	1.0	4.9
13	16.8	22.6	19.4	84.0	0.0	0.0	0.0	.2
14	17.8	25.8	20.6	82.7	0.0	0.0	0.0	4.2
15	17.9	26.0	20.9	82.7	0.0	1.7	1.7	5.9
16	16.8	24.6	20.4	82.7	0.0	0.0	0.0	5.6
17	17.2	26.0	21.4	79.0	0.0	15.0	15.0	7.4
18	16.6	24.2	20.3	83.3	0.0	0.0	0.0	6.1
19	17.4	25.8	20.6	80.0	0.0	0.0	0.0	5.6
20	17.8	24.4	20.3	84.7	0.0	0.0	0.0	5.1
21	16.0	26.0	18.8	82.3	15.8	0.0	15.8	6.7
22	16.8	25.0	20.8	72.0	7.0	0.0	7.0	3.9
23	17.4	27.4	19.8	76.7	17.0	2.0	19.0	4.5
24	17.8	26.8	20.8	81.3	0.0	0.0	0.0	8.0
25	17.6	26.6	21.4	81.3	.2	1.0	1.2	5.5
26	18.4	26.4	21.2	79.7	.2	.1	.3	6.2
27	17.2	27.2	21.2	74.0	1.3	6.7	8.0	5.8
28	17.8	28.8	22.3	67.7	0.0	0.0	0.0	8.5
29	18.6	27.8	22.2	77.3	0.0	0.0	0.0	6.9
30	17.2	25.4	21.0	81.7	0.0	0.0	0.0	.7
31	18.5	26.2	21.3	83.0	7.0	.6	7.6	3.5
Total :					48.5	37.3	85.8	184.0
Promedio :	17.4	25.5	20.7	80.6				

Febrero	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	26.8	21.9	80.7	.2	4.9	5.1	7.0
2	16.2	26.4	20.7	85.7	0.0	0.0	0.0	4.9
3	17.8	26.8	21.2	80.7	1.1	.1	1.2	2.1
4	18.4	22.4	19.2	92.0	36.7	.9	37.6	0.0
5	17.4	24.0	20.0	84.0	1.8	.7	2.5	4.7
6	17.0	25.2	20.8	80.0	0.0	0.0	0.0	8.2
7	17.8	20.6	18.8	89.3	3.7	0.0	3.7	1.9
8	17.5	23.4	19.8	78.3	0.0	0.0	0.0	0.0
9	16.8	23.2	19.7	84.0	0.0	0.0	0.0	1.0
10	17.8	25.8	20.8	77.7	0.0	.8	.8	8.5
11	18.0	24.6	20.6	82.3	.7	1.0	1.7	4.7
12	18.5	24.4	20.1	84.3	0.0	.2	.2	6.3
13	17.8	25.8	21.3	83.0	0.0	0.0	0.0	5.2
14	18.6	24.6	21.3	81.7	0.0	.2	.2	5.5
15	17.6	25.8	21.0	82.7	0.0	.8	.8	4.6
16	17.8	26.2	21.8	80.7	2.3	16.1	18.4	5.6
17	17.4	25.8	21.0	81.3	0.0	0.0	0.0	5.3
18	18.4	25.8	21.4	80.3	0.0	2.8	2.8	5.3
19	18.2	25.2	21.1	82.0	.1	.9	1.0	4.6
20	17.9	25.8	21.4	75.3	.2	0.0	.2	6.1
21	18.0	25.5	21.4	79.7	0.0	0.0	0.0	7.5
22	17.0	26.2	19.8	85.0	18.1	2.2	20.3	5.8
23	15.8	25.4	19.9	81.7	0.0	0.0	0.0	5.5
24	17.6	26.2	21.2	79.7	0.0	0.0	0.0	6.9
25	18.0	26.8	21.4	82.0	0.0	.2	.2	4.7
26	17.9	24.5	19.9	85.7	5.5	5.7	11.2	5.3
27	17.4	23.4	20.0	86.3	.1	2.7	2.8	1.8
28	17.6	24.2	20.4	81.3	.2	0.0	.2	4.5
29								
30								
31								
Total :					70.7	40.2	110.9	133.5
Promedio :	17.6	25.0	20.6	82.4				

Estación : MONTELIBANO
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	26.4	21.4	81.0	0.0	0.0	0.0	5.8
2	18.0	27.2	22.1	77.0	0.0	2.9	2.9	6.8
3	18.2	25.2	21.2	85.0	0.0	6.2	6.2	5.0
4	18.4	24.4	21.1	82.3	0.0	8.2	8.2	6.3
5	16.8	24.0	19.4	79.7	.3	0.0	.3	2.2
6	17.0	25.0	20.8	79.7	0.0	6.7	6.7	6.1
7	17.8	25.2	21.0	81.3	0.0	0.0	0.0	4.6
8	18.0	25.0	20.9	82.7	0.0	0.0	0.0	4.7
9	17.8	26.2	21.7	79.0	0.0	0.0	0.0	5.8
10	17.5	26.0	21.2	82.3	0.0	0.0	0.0	4.9
11	18.0	24.8	20.9	82.0	0.0	1.5	1.5	2.5
12	16.2	22.8	18.8	90.0	31.0	0.0	31.0	0.0
13	16.8	27.8	20.4	78.7	0.0	0.0	0.0	6.6
14	16.2	25.0	19.2	78.7	0.0	47.4	47.4	3.2
15	16.6	22.6	19.2	86.0	0.0	33.0	33.0	1.0
16	17.2	27.0	19.6	81.3	25.0	.3	25.3	5.7
17	17.0	26.6	21.2	74.7	2.0	0.0	2.0	5.1
18	17.2	26.4	21.9	67.0	0.0	6.8	6.8	6.3
19	16.4	24.2	19.7	86.7	21.0	2.8	23.8	1.0
20	16.8	22.6	19.3	84.3	9.6	6.2	15.8	.8
21	17.8	22.0	19.3	86.7	1.5	1.8	3.3	1.4
22	17.4	24.2	19.9	88.3	.8	0.0	.8	1.7
23	17.6	24.0	19.8	84.3	2.6	0.0	2.6	2.1
24	16.5	27.0	19.6	80.3	1.0	10.0	11.0	4.8
25	17.0	26.6	19.4	81.7	20.2	3.5	23.7	5.4
26	16.8	27.4	22.3	70.3	0.0	15.0	15.0	8.7
27	17.2	24.6	19.8	82.7	5.0	4.5	9.5	1.9
28	17.4	23.4	19.8	86.0	0.0	38.1	38.1	1.7
29	17.5	21.4	18.2	92.0	6.5	0.0	6.5	.2
30	17.0	25.2	20.3	83.0	1.9	6.7	8.6	5.0
31	18.0	27.6	22.8	72.3	1.2	0.0	1.2	8.1
Total :					129.6	201.6	331.2	125.4
Promedio :	17.3	25.1	20.4	81.5				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	24.0	20.6	88.3	.8	.2	1.0	.1
2	17.5	22.0	19.8	80.0	6.9	0.0	6.9	0.0
3	17.8	26.8	20.2	82.3	4.2	.8	5.0	3.8
4	17.5	26.6	20.3	79.3	1.6	1.4	3.0	5.1
5	17.6	27.0	21.7	81.7	0.0	1.2	1.2	6.7
6	16.8	25.5	19.4	81.3	.8	.2	1.0	4.8
7	17.0	22.6	19.1	80.7	0.0	0.0	0.0	2.3
8	17.0	24.0	19.0	88.7	2.3	7.8	10.1	3.0
9	17.2	24.8	19.3	79.3	15.0	40.0	55.0	3.6
10	16.0	25.0	19.8	74.7	0.0	0.0	0.0	8.5
11	16.4	24.6	19.8	81.0	0.0	3.9	3.9	8.6
12	17.2	24.0	20.0	80.3	0.0	6.9	6.9	4.9
13	16.6	23.7	19.3	83.7	3.7	0.0	3.7	3.1
14	17.4	23.8	19.5	82.7	1.5	5.9	7.4	3.4
15	16.4	25.2	20.5	82.7	1.7	26.9	28.6	5.9
16	17.0	27.0	21.8	78.0	0.0	28.7	28.7	8.2
17	16.8	23.8	19.8	85.7	8.0	58.0	66.0	2.3
18	16.6	24.6	19.3	82.7	25.0	2.0	27.0	1.7
19	17.0	24.8	20.4	85.0	25.2	60.4	85.6	4.1
20	17.5	25.0	20.3	83.7	0.0	2.5	2.5	4.8
21	17.8	24.8	20.2	84.0	6.6	0.0	6.6	2.5
22	18.0	26.2	21.3	81.0	.5	.4	.9	5.1
23	18.4	29.0	22.3	76.0	7.7	43.0	50.7	7.8
24	17.6	25.6	19.8	85.0	1.9	52.2	54.1	3.3
25	17.0	19.6	17.8	90.7	5.7	0.0	5.7	0.0
26	17.2	23.8	19.8	84.7	0.0	43.0	43.0	2.4
27	17.5	25.0	19.0	82.3	16.8	1.2	18.0	1.5
28	17.4	24.4	19.8	83.7	2.7	0.0	2.7	2.5
29	17.0	25.4	20.6	82.0	0.0	0.0	0.0	4.3
30	16.8	24.5	18.8	92.0	37.0	0.0	37.0	3.7
31								
Total :					175.6	386.6	562.2	118.0
Promedio :	17.2	24.8	20.0	82.8				

Estación : MONTELIBANO
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

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

Mayo	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.5	20.2	79.0	17.0	0.0	17.0	4.2
2	17.0	26.6	21.2	78.7	0.0	0.0	0.0	4.6
3	17.7	26.4	20.8	71.7	2.3	0.0	2.3	6.5
4	16.8	27.5	21.4	71.7	2.5	0.0	2.5	8.2
5	19.0	27.7	23.5	69.7	0.0	0.0	0.0	9.4
6	18.8	27.0	22.1	76.7	3.9	.6	4.5	10.4
7	18.1	26.8	21.1	80.3	13.7	0.0	13.7	6.2
8	17.6	27.2	22.0	76.7	0.0	0.0	0.0	5.7
9	18.6	27.8	22.1	78.0	1.4	0.0	1.4	5.8
10	19.0	27.2	20.7	82.0	0.0	0.0	0.0	5.9
11	18.4	26.8	23.5	53.7	0.0	0.0	0.0	5.2
12	18.8	29.5	23.8	53.7	0.0	.4	.4	9.9
13	18.2	28.0	21.6	76.3	0.0	0.0	0.0	5.0
14	19.0	26.9	22.9	81.7	0.0	0.0	0.0	6.5
15	18.6	26.6	20.7	87.3	10.5	22.0	32.5	1.9
16	17.3	26.4	19.4	89.3	24.8	2.6	27.4	2.9
17	18.2	25.4	20.2	82.7	.2	.1	.3	3.6
18	18.0	26.4	19.6	71.7	15.0	12.4	27.4	2.3
19	17.6	27.0	19.0	70.7	0.0	1.8	1.8	1.0
20	17.8	25.2	20.0	70.3	2.3	.4	2.7	4.7
21	17.6	25.0	20.4	82.3	0.0	3.6	3.6	.8
22	19.0	25.4	21.5	77.7	4.8	8.1	12.9	3.5
23	17.6	27.2	21.6	71.0	0.0	1.5	1.5	3.0
24	17.6	29.0	23.0	70.0	0.0	0.0	0.0	9.0
25	17.2	24.2	21.6	78.7	10.6	10.6	21.2	2.5
26	17.4	23.4	21.4	81.0	0.0	6.5	6.5	1.7
27	17.2	23.8	20.0	83.3	.9	8.8	9.7	5.5
28	17.6	23.6	19.8	78.0	5.0	13.5	18.5	1.2
29	16.9	24.6	19.8	75.3	0.0	10.2	10.2	1.8
30	17.0	24.2	19.6	76.0	3.0	.1	3.1	.7
31	16.8	23.8	18.4	81.3	2.0	1.3	3.3	2.4
Total :					119.9	104.5	224.4	142.0
Promedio :	17.9	26.2	21.1	76.0				

Junio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	23.2	19.3	80.7	9.4	0.0	9.4	4.3
2	17.6	22.8	19.8	79.3	16.9	19.3	36.2	3.6
3	15.8	26.2	20.2	75.3	19.5	0.0	19.5	6.1
4	17.8	24.9	19.1	89.0	13.2	0.0	13.2	2.1
5	17.2	25.4	20.1	79.0	5.3	40.6	45.9	1.8
6	16.6	25.0	20.5	79.7	0.0	0.0	0.0	1.6
7	17.6	26.9	21.2	70.3	0.0	7.2	7.2	3.9
8	18.5	26.1	22.0	79.7	0.0	21.5	21.5	4.6
9	17.8	26.4	20.7	74.0	.1	.5	.6	4.0
10	18.4	28.3	21.9	78.3	1.7	.5	2.2	6.4
11	17.8	26.7	21.3	75.3	.4	0.0	.4	5.7
12	18.0	27.0	21.1	77.7	1.1	10.3	11.4	5.4
13	16.5	26.4	21.3	69.7	0.0	0.0	0.0	3.2
14	18.3	26.5	21.6	78.0	0.0	0.0	0.0	4.4
15	18.5	25.6	20.3	75.7	5.7	0.0	5.7	3.3
16	18.1	28.0	22.7	61.3	0.0	0.0	0.0	8.7
17	18.9	26.7	22.3	65.3	0.0	0.0	0.0	6.5
18	18.2	27.0	21.8	67.7	0.0	0.0	0.0	5.9
19	18.6	28.6	23.6	58.3	0.0	0.0	0.0	11.1
20	19.5	28.4	23.4	49.3	0.0	0.0	0.0	9.2
21	19.4	27.3	22.7	58.0	.7	0.0	.7	4.1
22	19.3	28.6	23.2	46.3	0.0	0.0	0.0	9.3
23	18.9	27.9	22.4	46.3	0.0	0.0	0.0	5.5
24	19.6	28.0	22.4	55.7	0.0	0.0	0.0	6.5
25	19.5	28.2	22.8	54.7	0.0	0.0	0.0	6.5
26	19.4	29.0	23.3	54.7	0.0	0.0	0.0	8.8
27	19.6	28.5	23.6	58.3	0.0	0.0	0.0	7.2
28	19.5	27.6	22.8	66.3	0.0	0.0	0.0	5.4
29	19.2	27.0	21.4	74.3	4.5	0.0	4.5	3.8
30	18.6	29.7	24.1	57.0	0.0	0.0	0.0	9.7
31								
Total :					78.5	99.9	178.4	168.6
Promedio :	18.3	26.9	21.8	67.8				

Estación : MONTELIBANO
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.7	29.7	24.6	38.0	0.0	0.0	0.0	9.8
2	20.2	29.5	23.8	48.0	1.3	0.0	1.3	5.3
3	19.0	27.4	23.2	64.3	0.0	0.0	0.0	6.1
4	18.2	28.5	21.3	74.7	21.5	0.0	21.5	6.5
5	18.0	26.5	20.8	76.7	24.1	15.1	39.2	4.8
6	16.5	25.1	20.2	71.7	3.0	0.0	3.0	.8
7	16.9	27.2	21.5	77.3	.4	0.0	.4	6.1
8	18.6	28.5	22.9	67.0	0.0	0.0	0.0	8.5
9	19.1	28.6	23.4	68.0	0.0	0.0	0.0	9.1
10	19.7	28.9	22.9	67.3	0.0	6.1	6.1	3.5
11	19.3	27.0	21.6	75.0	.7	0.0	.7	2.7
12	18.4	27.8	23.0	60.0	1.3	0.0	1.3	9.3
13	19.0	29.5	24.1	41.0	0.0	0.0	0.0	9.6
14	19.1	28.4	22.9	52.0	.2	0.0	.2	6.8
15	19.0	28.1	22.4	64.7	0.0	4.2	4.2	3.7
16	18.8	26.5	21.2	79.7	0.0	.5	.5	4.4
17	19.0	27.5	21.2	77.3	5.8	.7	6.5	4.1
18	18.5	26.6	21.8	63.7	0.0	0.0	0.0	1.7
19	18.4	26.9	22.2	72.7	0.0	5.0	5.0	3.9
20	19.0	26.1	21.4	79.7	.7	5.0	5.7	3.2
21	18.0	26.0	21.0	77.0	0.0	0.0	0.0	5.1
22	17.9	26.3	21.6	73.7	0.0	0.0	0.0	5.8
23	19.0	27.6	22.8	74.7	0.0	0.0	0.0	7.2
24	18.6	26.2	21.0	80.0	16.0	2.7	18.7	5.3
25	17.5	26.7	21.6	64.0	0.0	0.0	0.0	2.0
26	19.3	29.1	24.1	40.3	0.0	0.0	0.0	9.7
27	19.0	29.0	23.3	53.7	0.0	0.0	0.0	9.1
28	19.1	28.1	23.1	48.3	0.0	0.0	0.0	5.8
29	19.5	30.2	23.3	46.0	0.0	0.0	0.0	10.2
30	18.0	27.5	21.1	51.3	8.1	0.0	8.1	5.9
31	18.2	26.1	21.4	62.3	0.0	.2	.2	4.5
Total :					83.1	39.5	122.6	180.5
Promedio :	18.7	27.6	22.3	64.2				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	28.1	23.2	57.0	0.0	1.6	1.6	9.4
2	18.9	29.4	23.3	55.7	0.0	0.0	0.0	9.6
3	19.4	28.8	23.2	52.0	0.0	0.0	0.0	5.6
4	19.2	29.0	23.6	48.3	0.0	.4	.4	7.0
5	18.3	28.3	23.1	63.7	0.0	0.0	0.0	9.0
6	18.2	29.6	22.8	62.7	.6	0.0	.6	7.8
7	19.5	29.3	23.5	51.7	.7	0.0	.7	5.5
8	19.0	27.4	22.5	58.3	.2	13.4	13.6	5.4
9	17.5	28.0	22.5	59.3	0.0	0.0	0.0	9.0
10	18.5	29.0	23.0	34.3	0.0	0.0	0.0	5.1
11	19.0	28.5	23.2	36.3	0.0	0.0	0.0	8.5
12	19.8	28.3	23.9	38.3	0.0	0.0	0.0	6.4
13	19.6	29.3	24.4	42.7	0.0	0.0	0.0	8.0
14	20.5	29.7	23.4	50.7	0.0	.2	.2	5.7
15	20.0	30.0	24.9	40.7	0.0	0.0	0.0	8.9
16	20.1	30.1	24.8	37.3	0.0	0.0	0.0	8.6
17	20.0	30.0	24.5	33.0	0.0	.7	.7	8.2
18	19.5	30.4	25.0	38.0	0.0	0.0	0.0	4.6
19	20.0	28.5	22.2	68.0	0.0	.1	.1	3.2
20	19.0	26.5	22.2	71.7	3.2	0.0	3.2	1.9
21	18.7	30.8	25.3	39.0	0.0	0.0	0.0	8.7
22	20.0	29.8	25.2	42.0	0.0	0.0	0.0	6.9
23	20.5	28.3	23.7	50.0	0.0	0.0	0.0	3.4
24	19.3	30.4	24.5	59.0	0.0	0.0	0.0	10.4
25	20.0	29.2	23.6	68.3	0.0	4.2	4.2	6.5
26	18.9	25.5	20.6	85.3	4.7	16.7	21.4	1.4
27	18.5	25.1	21.5	83.3	4.2	.8	5.0	2.4
28	18.8	25.7	21.6	77.7	0.0	12.9	12.9	4.3
29	18.0	25.6	21.0	77.3	.5	.9	1.4	2.0
30	17.2	26.0	19.9	72.7	16.4	.2	16.6	6.9
31	18.5	27.0	22.0	75.7	0.0	8.5	8.5	4.4
Total :					30.5	60.6	91.1	194.7
Promedio :	19.1	28.4	23.2	55.8				

Estación : MONTELIBANO
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.3	26.4	20.4	80.7	3.3	4.8	8.1	4.8
2	17.5	26.1	21.7	73.0	0.0	0.0	0.0	3.4
3	19.4	28.3	22.8	67.3	0.0	3.9	3.9	8.1
4	18.7	29.0	23.9	62.0	0.0	0.0	0.0	9.4
5	19.4	28.6	22.5	74.3	0.0	0.0	0.0	3.6
6	18.7	28.5	23.0	71.0	0.0	0.0	0.0	7.1
7	19.8	29.9	23.8	64.7	0.0	0.0	0.0	4.9
8	20.0	30.0	24.7	43.7	0.0	0.0	0.0	10.7
9	19.6	28.5	22.1	68.7	3.6	0.0	3.6	4.2
10	19.0	28.0	22.6	66.7	0.0	0.0	0.0	4.6
11	18.3	25.9	20.9	83.0	3.8	0.0	3.8	5.1
12	18.9	28.1	23.0	69.0	0.0	3.1	3.1	8.3
13	18.8	28.0	22.2	71.3	4.6	1.2	5.8	7.5
14	18.3	27.4	22.3	76.3	0.0	.2	.2	9.1
15	18.7	27.5	22.7	73.3	0.0	16.0	16.0	4.6
16	19.0	29.0	23.5	54.0	0.0	0.0	0.0	6.9
17	19.4	25.5	21.0	82.3	1.5	1.8	3.3	.4
18	18.5	26.5	20.8	81.7	1.2	19.9	21.1	3.9
19	17.5	27.5	22.2	71.0	0.0	8.0	8.0	8.3
20	17.3	27.2	21.4	74.3	.8	0.0	.8	6.3
21	19.8	29.2	24.1	62.7	0.0	0.0	0.0	7.9
22	19.0	28.4	23.3	70.3	0.0	3.0	3.0	6.9
23	18.5	27.4	22.0	66.0	0.0	0.0	0.0	6.9
24	17.8	26.8	22.0	72.7	4.3	1.2	5.5	4.0
25	18.1	26.5	20.8	74.0	0.0	2.2	2.2	4.3
26	17.0	25.0	20.6	75.3	2.2	11.9	14.1	1.8
27	16.5	26.5	21.4	76.7	3.5	50.1	53.6	6.0
28	17.0	24.8	20.6	63.7	5.9	0.0	5.9	2.7
29	18.3	25.5	21.6	74.0	0.0	5.6	5.6	5.7
30	17.8	28.0	21.6	73.3	.8	12.9	13.7	8.1
31								
Total :					35.5	145.8	181.3	175.5
Promedio :	18.5	27.5	22.2	70.6				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	27.0	21.8	67.7	0.0	0.0	0.0	7.2
2	17.2	27.2	20.2	67.7	1.9	1.7	3.6	8.5
3	17.8	28.0	21.6	65.7	0.0	0.0	0.0	8.6
4	17.6	27.2	22.2	63.3	0.0	0.0	0.0	9.6
5	17.8	28.2	21.7	74.0	.3	.6	.9	9.0
6	17.2	26.2	21.8	63.0	0.0	0.0	0.0	5.5
7	18.4	27.8	22.3	72.7	1.7	.2	1.9	4.8
8	18.5	25.4	21.4	76.3	2.6	4.1	6.7	5.0
9	17.6	25.5	20.0	83.0	10.4	.9	11.3	4.8
10	18.3	28.0	22.3	78.3	0.0	0.0	0.0	7.6
11	19.9	27.4	22.5	78.0	0.0	0.0	0.0	3.1
12	19.0	25.0	21.9	76.0	0.0	0.0	0.0	1.3
13	18.6	27.4	22.2	77.0	0.0	0.0	0.0	4.7
14	19.5	27.6	23.0	70.0	0.0	26.1	26.1	5.9
15	17.3	27.2	21.3	75.0	0.0	0.0	0.0	6.2
16	18.0	27.0	21.0	73.0	0.0	12.1	12.1	5.5
17	17.6	25.6	19.8	79.7	19.8	17.7	37.5	4.2
18	17.5	25.5	21.0	78.7	0.0	5.4	5.4	.8
19	17.0	26.8	20.7	77.7	2.2	3.7	5.9	5.6
20	17.2	27.0	20.6	75.3	14.2	28.4	42.6	4.7
21	17.4	27.5	21.5	73.0	0.0	.8	.8	8.9
22	18.3	25.5	19.3	85.3	17.4	.8	18.2	2.0
23	17.5	26.7	20.7	72.0	10.1	8.0	18.1	5.2
24	17.4	26.5	20.8	77.0	34.4	22.8	57.2	3.8
25	17.8	26.3	21.6	75.3	.4	.8	1.2	5.8
26	19.0	26.0	20.6	88.0	8.0	21.9	29.9	4.0
27	17.6	24.2	19.5	83.3	10.5	2.3	12.8	4.4
28	17.0	25.0	20.7	75.0	0.0	0.0	0.0	6.1
29	18.3	25.5	21.1	75.7	0.0	13.5	13.5	6.4
30	17.7	25.0	20.4	74.7	0.0	0.0	0.0	3.4
31	18.0	26.0	21.4	73.3	.9	2.4	3.3	6.3
Total :					134.8	174.2	309.0	168.9
Promedio :	17.9	26.5	21.2	75.0				

Estación : MONTELIBANO
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	24.8	20.0	78.0	8.0	6.1	14.1	3.7
2	16.0	23.8	18.4	81.3	12.9	1.1	14.0	2.0
3	16.6	24.6	20.2	75.0	0.0	0.0	0.0	5.4
4	17.4	24.0	19.1	89.7	3.0	23.0	26.0	6.5
5	16.0	22.4	18.9	92.7	1.7	.3	2.0	3.4
6	17.0	23.0	19.6	79.0	0.0	0.0	0.0	3.9
7	17.2	24.2	18.9	82.0	33.2	7.9	41.1	2.3
8	16.2	24.0	19.0	87.0	3.0	8.5	11.5	1.4
9	16.4	24.0	19.8	73.7	6.1	5.1	11.2	4.5
10	17.2	26.0	20.7	75.3	0.0	0.0	0.0	6.2
11	18.0	27.0	21.4	75.0	0.0	0.0	0.0	3.7
12	18.4	25.6	19.0	80.7	7.0	0.0	7.0	3.0
13	17.2	23.4	19.6	82.3	0.0	37.8	37.8	3.5
14	16.4	25.2	20.8	73.3	0.0	20.9	20.9	4.1
15	17.0	25.8	21.2	72.0	0.0	0.0	0.0	9.1
16	17.2	26.8	21.4	73.0	0.0	0.0	0.0	7.9
17	18.0	24.8	20.0	75.7	.3	0.0	.3	2.3
18	16.8	24.6	20.3	71.3	0.0	.3	.3	6.8
19	17.0	24.2	20.2	73.7	0.0	.2	.2	5.1
20	17.8	27.2	20.6	73.7	0.0	9.0	9.0	7.3
21	17.6	26.4	20.9	76.0	6.1	.1	6.2	4.4
22	18.4	27.2	21.8	66.7	0.0	0.0	0.0	8.1
23	17.8	25.2	21.0	70.3	0.0	0.0	0.0	2.9
24	18.0	25.6	20.0	73.3	4.3	2.1	6.4	3.6
25	17.4	25.4	21.2	79.7	1.4	0.0	1.4	6.2
26	18.5	27.0	21.9	76.0	0.0	.2	.2	7.1
27	18.4	27.4	22.4	74.3	0.0	0.0	0.0	6.6
28	18.2	25.4	21.2	78.0	0.0	0.0	0.0	5.7
29	18.8	24.6	21.0	81.0	0.0	0.0	0.0	2.5
30	19.0	25.8	20.9	77.0	.3	2.9	3.2	3.3
31								
Total :					87.3	125.5	212.8	142.5
Promedio :	17.4	25.2	20.4	77.2				

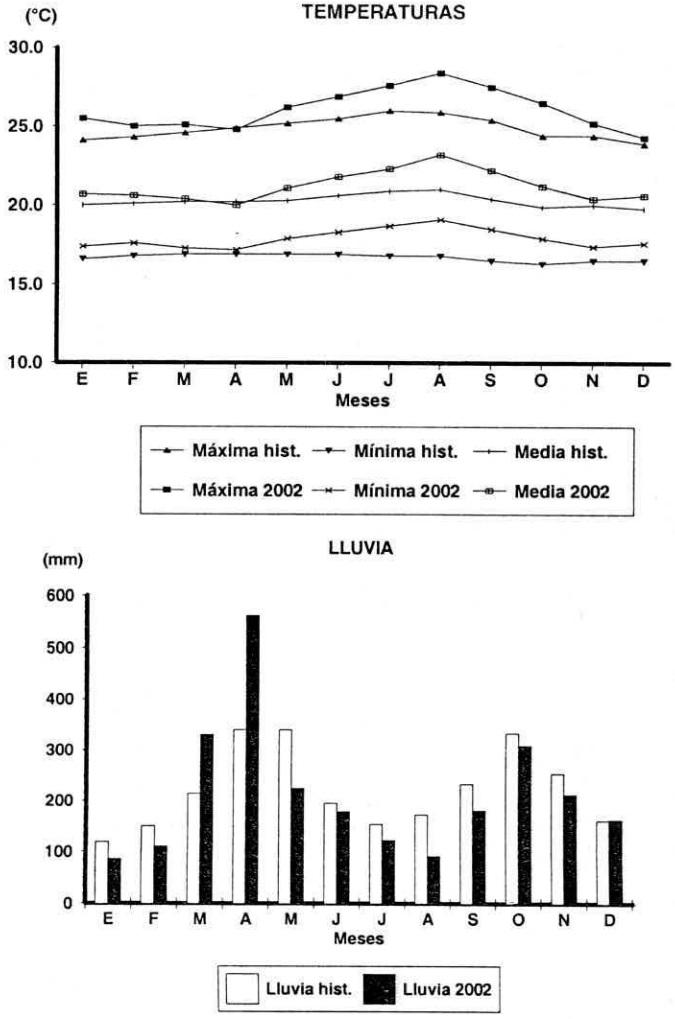
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	26.3	21.6	77.3	0.0	0.0	0.0	5.0
2	18.0	27.8	21.3	63.0	1.6	0.0	1.6	6.4
3	17.8	25.0	21.7	80.3	0.0	.2	.2	7.5
4	17.5	26.2	21.8	76.0	0.0	.2	.2	7.9
5	17.4	23.4	20.3	81.0	0.0	.9	.9	5.3
6	16.2	23.8	20.4	78.7	0.0	8.8	8.8	4.0
7	16.0	23.0	20.4	78.0	0.0	0.0	0.0	1.9
8	17.0	24.4	20.7	76.7	0.0	6.8	6.8	5.5
9	17.7	24.2	20.8	74.3	.6	0.0	.6	3.8
10	17.2	25.4	20.9	77.0	0.0	16.2	16.2	5.5
11	18.0	23.8	20.1	80.7	0.0	0.0	0.0	3.0
12	17.8	26.4	21.5	75.7	0.0	0.0	0.0	7.4
13	19.0	25.2	21.7	79.0	0.0	9.0	9.0	2.2
14	17.5	23.2	20.6	83.3	4.5	2.5	7.0	1.5
15	17.5	19.5	18.3	88.3	5.6	0.0	5.6	0.0
16	16.8	23.4	19.8	80.7	0.0	4.3	4.3	1.5
17	17.0	21.5	18.6	87.3	5.0	11.7	16.7	0.0
18	16.7	23.0	19.6	81.7	0.0	26.0	26.0	.6
19	17.0	24.0	20.1	79.0	0.0	18.0	18.0	4.6
20	17.5	24.8	20.3	78.0	0.0	0.0	0.0	4.0
21	18.6	23.4	20.2	80.3	0.0	0.0	0.0	3.1
22	17.0	24.8	20.6	75.7	0.0	1.0	1.0	7.0
23	18.4	25.6	21.3	77.7	0.0	0.0	0.0	4.9
24	18.0	25.8	21.2	78.0	0.0	0.0	0.0	4.1
25	18.2	25.2	21.4	73.3	0.0	0.0	0.0	4.7
26	18.7	24.0	21.5	79.3	0.0	4.0	4.0	6.0
27	18.0	25.2	21.4	72.3	0.0	36.0	36.0	5.7
28	18.2	24.4	20.8	79.0	0.0	0.0	0.0	2.6
29	17.8	22.5	19.6	79.3	0.0	0.0	0.0	1.2
30	18.3	23.8	20.4	79.0	0.0	0.0	0.0	3.0
31	17.0	25.0	20.8	79.7	0.0	0.0		6.0
Total :					17.3	145.6	162.9	125.9
Promedio :	17.6	24.3	20.6	78.4				

Estación : MONTELIBANO
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	17.4	25.5	20.7	28.8	16.0	80.6	85.8	12	184.0
Febrero	17.6	25.0	20.6	26.8	15.8	82.4	110.9	19	133.5
Marzo	17.3	25.1	20.4	27.8	16.2	81.5	331.2	25	125.4
Abril	17.2	24.8	20.0	29.0	16.0	82.8	562.2	27	118.0
Mayo	17.9	26.2	21.1	29.5	16.8	76.0	224.4	23	142.0
Junio	18.3	26.9	21.8	29.7	15.8	67.8	178.4	14	168.6
Julio	18.7	27.6	22.3	30.2	16.5	64.2	122.6	17	180.5
Agosto	19.1	28.4	23.2	30.8	17.2	55.8	91.1	16	194.7
Septiembre	18.5	27.5	22.2	30.0	16.5	70.6	181.3	20	175.5
Octubre	17.9	26.5	21.2	28.2	15.8	75.0	309.0	20	168.9
Noviembre	17.4	25.2	20.4	27.4	16.0	77.2	212.8	19	142.5
Diciembre	17.6	24.3	20.6	27.8	16.0	78.4	162.9	18	125.9
Promedio :	17.9	26.1	21.2			74.4			
Absoluta :				30.8	15.8				
Total :							2572.6	230	1859.5



Estación : SANTA ROSITA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL PEÑON

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	26.4	21.0	77.3	0.0	0.0	0.0	6.5
2	16.2	27.2	20.2	81.0	0.0	0.0	0.0	5.7
3	16.8	26.6	20.7	78.3	0.0	0.0	0.0	5.9
4	16.9	25.4	20.2	79.7	0.0	0.0	0.0	6.7
5	16.2	25.2	20.2	79.0	0.0	0.0	0.0	3.0
6	16.4	27.4	20.8	78.7	.1	.3	.4	3.7
7	17.2	28.4	21.6	77.3	0.0	0.0	0.0	7.6
8	17.1	26.4	20.8	80.0	0.0	0.0	0.0	7.7
9	17.2	26.9	20.9	79.0	0.0	0.0	0.0	5.9
10	16.2	27.5	20.6	74.3	0.0	0.0	0.0	8.2
11	16.8	26.9	20.2	80.3	0.0	0.0	0.0	3.2
12	16.1	26.4	20.3	80.0	0.0	22.0	22.0	2.7
13	16.6	22.6	19.2	88.0	0.0	0.0	0.0	.5
14	17.1	26.4	20.7	78.0	.2	5.4	5.6	3.3
15	16.4	27.8	19.8	81.7	23.0	16.0	39.0	5.5
16	15.2	26.1	20.1	84.3	.3	0.0	.3	7.2
17	15.4	25.4	20.9	75.7	0.0	26.1	26.1	6.0
18	15.6	26.2	19.8	81.7	0.0	0.0	0.0	3.7
19	15.6	25.9	20.2	73.3	0.0	0.0	0.0	6.6
20	16.4	26.8	20.5	77.7	0.0	0.0	0.0	5.8
21	15.5	26.4	18.4	81.3	2.5	0.0	2.5	6.4
22	16.4	27.0	20.8	78.3	0.0	0.0	0.0	4.9
23	16.2	28.2	20.6	77.0	0.0	0.0	0.0	5.4
24	15.4	28.6	19.3	82.0	41.8	0.0	41.8	6.1
25	16.2	26.4	21.2	80.3	0.0	0.0	0.0	5.1
26	16.9	26.8	21.5	81.0	0.0	0.0	0.0	7.0
27	14.4	28.4	21.2	74.3	0.0	0.0	0.0	8.4
28	17.2	26.6	22.1	62.3	0.0	0.0	0.0	7.9
29	18.3	30.2	22.4	69.3	0.0	0.0	0.0	7.2
30	18.2	26.2	21.7	81.3	0.0	0.0	0.0	.7
31	18.5	27.4	21.4	80.3	0.0	8.8	8.8	3.3
Total :					67.9	78.6	146.5	167.8
Promedio :	16.5	26.8	20.6	78.5				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	27.8	22.1	76.0	0.0	0.0	0.0	6.9
2	16.4	28.4	21.8	79.0	.7	0.0	.7	6.7
3	18.4	27.2	21.4	77.3	.5	.2	.7	1.9
4	16.9	21.8	18.7	92.0	25.1	0.0	25.1	.8
5	17.1	23.4	19.6	83.3	.6	0.0	.6	6.5
6	16.4	27.2	21.0	77.0	0.0	0.0	0.0	7.1
7	17.2	27.4	20.5	79.0	0.0	0.0	0.0	1.4
8	17.2	24.2	19.4	90.0	0.0	11.3	11.3	3.5
9	16.6	23.8	19.8	83.3	.9	0.0	.9	1.5
10	16.4	26.8	21.2	78.0	.4	31.6	32.0	7.0
11	16.2	25.6	20.6	83.3	.5	44.8	45.3	4.1
12	16.6	26.2	20.6	83.3	10.0	2.1	12.1	5.1
13	16.4	27.0	21.2	80.3	5.3	6.9	12.2	7.8
14	17.4	25.9	20.2	82.3	.6	2.1	2.7	5.7
15	16.2	26.4	21.2	82.0	0.0	0.0	0.0	5.3
16	17.2	26.6	20.7	79.7	.9	4.8	5.7	4.4
17	16.4	25.2	20.1	83.7	0.0	11.4	11.4	5.0
18	16.2	26.4	21.0	82.7	0.0	9.2	9.2	5.4
19	17.2	27.4	20.8	78.3	0.0	.7	.7	3.8
20	16.2	27.8	19.8	76.3	10.4	0.0	10.4	7.4
21	16.0	27.2	21.7	78.0	0.0	0.0	0.0	6.9
22	18.2	26.4	19.4	89.0	1.2	0.0	1.2	3.3
23	15.4	27.0	20.7	86.3	.3	.2	.5	2.7
24	16.6	26.8	21.2	79.7	0.0	0.0	0.0	5.3
25	16.2	27.2	22.8	74.7	0.0	0.0	0.0	6.4
26	17.5	27.0	22.0	80.7	39.3	7.3	46.6	3.1
27	16.8	26.2	20.6	83.7	0.0	1.0	1.0	3.2
28	17.8	27.4	21.1	82.7	2.2	0.0	2.2	5.1
29								
30								
31								
Total :					98.9	133.6	232.5	133.3
Promedio :	16.8	26.3	20.8	81.5				

Estación : SANTA ROSITA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL PEÑON

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	26.8	22.0	80.0	0.0	0.0	0.0	8.4
2	17.4	27.8	22.8	71.0	0.0	0.0	0.0	4.1
3	16.6	27.6	21.5	77.0	.1	.3	.4	7.6
4	16.9	25.4	20.8	78.7	0.0	7.5	7.5	6.8
5	16.5	24.2	19.5	77.7	0.0	0.0	0.0	2.5
6	15.2	26.8	20.2	80.7	2.4	.9	3.3	6.2
7	17.5	27.4	21.3	80.7	0.0	6.9	6.9	4.0
8	16.9	26.2	21.2	81.0	0.0	8.0	8.0	2.7
9	18.2	27.8	22.3	69.0	0.0	0.0	0.0	7.9
10	16.2	27.5	20.8	76.3	5.5	0.0	5.5	6.7
11	16.9	25.9	19.3	85.0	5.4	.8	6.2	3.6
12	17.2	22.6	18.4	94.7	2.2	0.0	2.2	0.0
13	16.8	27.5	21.2	78.7	16.2	3.0	19.2	7.5
14	16.0	25.6	18.8	84.0	30.2	4.3	34.5	2.4
15	16.2	25.0	19.0	88.3	.7	.3	1.0	2.4
16	16.8	27.2	19.4	82.7	56.0	.5	56.5	4.9
17	16.4	27.4	21.0	78.7	21.2	11.8	33.0	5.5
18	15.9	28.8	19.6	74.7	19.8	3.5	23.3	6.7
19	17.2	25.4	20.4	78.3	0.0	12.9	12.9	.7
20	16.0	24.0	18.5	90.7	3.0	.7	3.7	1.1
21	17.2	22.6	19.4	83.7	.2	6.0	6.2	2.0
22	17.4	24.8	19.6	85.7	.3	0.0	.3	.7
23	17.2	25.0	18.5	91.3	3.3	0.0	3.3	3.2
24	15.4	27.6	19.6	81.3	19.8	.9	20.7	6.3
25	15.9	28.0	22.4	71.3	0.0	0.0	0.0	6.3
26	16.8	28.8	22.4	70.0	0.0	2.5	2.5	8.2
27	17.0	25.4	19.4	85.0	17.3	.3	17.6	2.1
28	16.8	23.6	19.7	92.0	0.0	0.0	0.0	.6
29	16.6	20.6	18.2	93.3	3.8	0.0	3.8	0.0
30	16.1	25.8	20.7	77.7	0.0	2.0	2.0	7.3
31	17.0	27.5	22.4	75.3	0.0	0.0	0.0	8.7
Total :					207.4	73.1	280.5	137.1
Promedio :	16.7	26.0	20.3	81.1				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.2	20.2	81.0	23.5	1.1	24.6	.5
2	17.4	22.6	19.1	86.7	11.4	0.0	11.4	0.0
3	17.0	27.2	19.5	81.0	34.9	.5	35.4	5.6
4	17.2	27.6	19.8	80.3	.7	.2	.9	5.1
5	16.3	27.5	21.1	77.7	1.3	5.5	6.8	7.3
6	16.6	26.2	19.4	83.0	.5	.7	1.2	3.8
7	15.4	23.2	19.0	83.0	.2	0.0	.2	2.8
8	15.3	26.2	18.7	91.3	0.0	9.4	9.4	4.9
9	16.2	24.6	18.6	82.3	1.3	8.9	10.2	3.2
10	15.2	26.2	20.7	78.0	0.0	0.0	0.0	8.9
11	16.2	26.4	20.2	78.7	0.0	.1	.1	6.1
12	16.8	24.8	19.7	88.0	.5	6.4	6.9	1.9
13	16.9	21.8	19.2	88.7	11.5	0.0	11.5	.5
14	16.5	24.0	19.0	86.7	8.1	4.1	12.2	2.6
15	16.2	25.8	20.0	80.3	.3	33.0	33.3	5.2
16	16.5	26.6	21.0	82.3	1.2	.3	1.5	7.5
17	16.2	24.5	19.1	90.7	0.0	23.0	23.0	2.9
18	16.0	26.2	19.6	82.3	1.3	.2	1.5	5.5
19	16.2	23.5	19.6	84.7	0.0	57.6	57.6	2.1
20	15.8	25.0	20.4	80.7	0.0	.1	.1	4.2
21	17.1	25.2	20.0	82.0	.5	0.0	.5	3.8
22	17.5	26.2	20.6	82.7	11.0	7.6	18.6	3.8
23	17.2	27.8	19.7	80.3	25.0	12.8	37.8	9.0
24	16.4	25.8	20.1	83.0	.9	93.3	94.2	2.9
25	16.2	19.6	17.8	93.7	2.2	0.0	2.2	0.0
26	16.9	24.2	19.6	83.7	0.0	.1	.1	1.6
27	17.4	24.0	18.8	94.7	10.0	0.0	10.0	1.7
28	16.7	23.8	19.4	91.3	19.4	0.0	19.4	2.2
29	16.2	25.4	20.5	81.0	0.0	25.9	25.9	5.4
30	15.9	23.3	19.9	84.3	0.0	0.0	0.0	3.4
31								
Total :					165.7	290.8	456.5	114.4
Promedio :	16.5	25.0	19.7	84.1				

Estación : SANTA ROSITA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL PEÑON

Latitud : 5 ° 17 ' N
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	25.8	19.6	81.0	5.9	0.0	5.9	3.7
2	16.2	26.4	20.7	80.0	0.0	0.0	0.0	5.1
3	17.6	27.2	20.2	76.0	9.8	0.0	9.8	6.7
4	16.8	28.2	22.2	73.3	0.0	0.0	0.0	9.5
5	17.5	28.6	22.3	70.3	0.0	0.0	0.0	9.2
6	17.2	28.8	22.2	64.7	0.0	0.0	0.0	8.9
7	17.8	27.2	21.4	73.3	0.0	0.0	0.0	5.9
8	16.3	26.0	21.8	64.7	0.0	0.0	0.0	7.5
9	16.9	28.2	22.0	65.0	0.0	0.0	0.0	6.2
10	17.4	28.6	21.8	76.3	0.0	0.0	0.0	7.1
11	17.7	27.0	21.7	67.7	0.0	0.0	0.0	5.7
12	17.6	28.5	22.3	59.0	0.0	1.4	1.4	7.9
13	16.5	25.4	20.8	74.7	.8	0.0	.8	3.8
14	16.0	26.0	22.1	68.0	0.0	0.0	0.0	6.2
15	18.0	26.2	22.3	71.0	0.0	0.0	0.0	3.6
16	17.6	25.8	21.2	82.0	1.2	11.1	12.3	3.3
17	17.0	25.2	20.1	80.3	0.0	0.0	0.0	3.8
18	17.4	25.0	19.2	84.7	4.0	3.0	7.0	1.7
19	16.5	25.4	21.3	85.7	0.0	0.0	0.0	3.5
20	18.2	27.2	21.6	81.0	0.0	13.7	13.7	5.3
21	17.2	24.5	20.5	81.3	18.6	3.6	22.2	2.2
22	18.2	24.0	19.3	94.7	0.0	1.1	1.1	1.9
23	16.5	24.8	19.7	84.7	0.0	0.0	0.0	2.0
24	17.5	27.9	22.2	68.7	0.0	0.0	0.0	7.0
25	17.2	25.4	19.5	91.7	15.7	6.4	22.1	3.3
26	17.0	25.2	19.4	83.7	16.3	5.5	21.8	6.0
27	16.2	25.4	20.7	80.7	0.0	3.3	3.3	7.1
28	16.4	24.4	19.0	86.0	9.6	13.7	23.3	1.1
29	16.2	25.6	19.1	82.0	48.8	.2	49.0	1.9
30	16.0	21.8	19.1	89.3	2.5	0.0	2.5	.3
31	16.7	22.8	19.2	81.3	2.8	.1	2.9	2.4
Total :					136.0	63.1	199.1	149.8
Promedio :	17.0	26.1	20.8	77.5				

Junio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	25.8	19.3	81.7	11.6	0.0	11.6	4.4
2	16.0	24.8	19.3	87.3	11.8	4.2	16.0	2.5
3	15.5	26.2	19.4	85.3	2.2	0.0	2.2	5.1
4	15.2	22.4	18.2	89.7	.2	0.0	.2	1.4
5	15.8	24.2	18.7	83.7	13.5	4.8	18.3	.6
6	15.2	25.8	19.6	79.7	.1	13.2	13.3	2.3
7	15.4	25.4	20.1	80.7	0.0	0.0	0.0	4.0
8	17.2	26.2	21.0	81.0	0.0	10.8	10.8	4.2
9	15.8	25.4	19.8	72.3	0.0	0.0	0.0	5.8
10	16.9	27.4	21.2	73.3	0.0	0.0	0.0	7.0
11	16.5	25.0	20.3	74.3	0.0	0.0	0.0	2.8
12	15.4	25.4	20.3	77.3	0.0	8.7	8.7	5.9
13	15.1	23.4	18.8	81.7	0.0	0.0	0.0	1.3
14	16.2	26.2	21.0	65.3	.6	0.0	.6	4.9
15	16.4	25.8	19.7	78.3	0.0	0.0	0.0	4.7
16	15.5	26.2	22.2	60.7	0.0	0.0	0.0	8.9
17	16.6	25.2	20.9	66.0	0.0	0.0	0.0	5.7
18	15.5	25.4	20.4	65.3	0.0	0.0	0.0	5.8
19	16.6	27.9	22.4	55.3	0.0	0.0	0.0	7.3
20	16.8	24.4	21.0	62.7	0.0	0.0	0.0	8.5
21	16.0	26.8	20.5	67.3	0.0	0.0	0.0	5.1
22	16.6	25.4	20.8	65.3	0.0	0.0	0.0	7.1
23	16.4	26.0	19.9	66.3	0.0	0.0	0.0	4.8
24	17.4	25.8	21.4	63.0	0.0	0.0	0.0	6.9
25	17.2	26.0	21.0	66.7	0.0	0.0	0.0	8.4
26	16.2	26.4	20.8	63.7	0.0	0.0	0.0	7.0
27	17.2	27.6	22.3	59.3	0.0	0.0	0.0	5.3
28	16.4	26.6	21.7	70.7	0.0	.4	.4	3.6
29	17.0	26.0	21.0	82.3	0.0	0.0	0.0	2.3
30	17.2	28.0	22.6	61.0	0.0	0.0	0.0	7.9
31								
Total :					40.0	42.1	82.1	151.5
Promedio :	16.3	25.8	20.5	72.2				

Estación : SANTA ROSITA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL PEÑON

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	29.0	22.7	53.7	0.0	0.0	0.0	9.7
2	17.4	28.0	22.0	65.0	0.0	0.0	0.0	4.1
3	16.2	27.0	22.2	71.3	0.0	0.0	0.0	5.9
4	16.5	29.2	20.6	78.0	16.8	0.0	16.8	6.5
5	15.7	26.0	19.4	80.7	32.7	29.4	62.1	4.8
6	14.9	22.6	19.0	82.7	.2	0.0	.2	.4
7	15.6	27.2	20.8	78.7	3.5	0.0	3.5	7.8
8	16.7	26.4	21.8	67.7	0.0	0.0	0.0	6.7
9	16.8	28.2	22.6	62.7	0.0	0.0	0.0	8.2
10	17.4	25.9	21.4	69.3	0.0	0.0	0.0	4.1
11	17.2	25.6	20.3	81.0	0.0	0.0	0.0	2.4
12	16.4	28.2	21.9	70.0	0.0	0.0	0.0	8.3
13	16.2	28.8	22.2	58.0	0.0	0.0	0.0	8.8
14	17.6	28.0	21.8	56.0	0.0	0.0	0.0	6.0
15	15.8	25.2	21.0	66.3	0.0	0.0	0.0	2.7
16	16.4	25.5	19.5	94.7	11.6	0.0	11.6	3.8
17	17.5	26.4	20.5	83.7	0.0	0.0	0.0	4.3
18	16.5	23.6	20.2	74.0	0.0	0.0	0.0	.7
19	16.4	26.0	21.3	68.3	0.0	0.0	0.0	3.7
20	16.2	25.4	19.8	80.7	.2	4.2	4.4	2.9
21	15.5	24.8	19.2	83.7	.5	0.0	.5	4.8
22	15.4	27.0	20.2	76.7	37.9	0.0	37.9	4.7
23	16.2	26.6	20.1	81.0	12.3	17.7	30.0	8.0
24	16.0	25.0	21.4	86.0	1.6	7.5	9.1	4.8
25	15.8	23.6	19.8	77.0	0.0	0.0	0.0	1.7
26	15.2	28.2	22.1	52.3	0.0	0.0	0.0	9.1
27	15.4	27.0	20.9	56.7	0.0	0.0	0.0	7.5
28	16.6	26.2	21.8	61.3	0.0	0.0	0.0	6.3
29	16.2	28.0	21.8	53.3	0.0	0.0	0.0	8.1
30	15.7	26.4	19.1	67.3	3.7	0.0	3.7	5.4
31	15.1	25.6	19.7	62.0	0.0	0.0	0.0	4.5
Total :					121.0	58.8	179.8	166.7
Promedio :	16.3	26.5	20.9	71.0				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	26.4	21.3	56.7	0.0	0.0	0.0	9.0
2	16.2	28.4	21.8	55.0	2.8	0.0	2.8	7.5
3	15.6	27.8	21.2	53.7	0.0	0.0	0.0	3.6
4	16.4	25.2	21.2	58.3	0.0	.1	.1	8.3
5	16.4	27.0	21.5	67.0	.1	0.0	.1	7.2
6	15.4	29.0	21.4	60.3	0.0	0.0	0.0	7.8
7	16.5	28.8	22.3	60.0	0.0	0.0	0.0	6.3
8	16.4	26.6	21.4	66.7	0.0	1.6	1.6	5.0
9	15.4	27.2	20.4	66.7	0.0	0.0	0.0	8.9
10	16.6	26.5	21.4	51.0	0.0	0.0	0.0	5.6
11	16.0	27.2	21.5	55.7	0.0	0.0	0.0	7.8
12	16.4	26.4	21.4	56.7	0.0	0.0	0.0	5.8
13	16.6	28.8	21.6	59.3	0.0	0.0	0.0	5.7
14	17.5	27.3	22.5	62.3	0.0	0.0	0.0	5.0
15	17.4	30.2	24.0	50.7	0.0	0.0	0.0	8.7
16	17.0	29.2	23.8	46.0	0.0	0.0	0.0	7.4
17	17.4	28.2	22.4	48.7	0.0	.2	.2	5.7
18	17.0	28.8	23.4	51.3	0.0	0.0	0.0	5.0
19	17.4	27.0	21.8	58.7	0.0	0.0	0.0	3.7
20	17.2	25.4	21.4	67.0	0.0	0.0	0.0	2.4
21	16.4	30.5	23.6	52.7	0.0	0.0	0.0	9.8
22	17.7	28.6	23.2	55.7	0.0	0.0	0.0	7.1
23	17.6	27.0	21.9	64.0	0.0	0.0	0.0	3.5
24	15.7	30.2	24.2	53.7	0.0	0.0	0.0	8.4
25	17.5	28.8	23.1	73.7	0.0	0.0	0.0	6.5
26	18.2	24.0	19.9	84.3	1.2	0.0	1.2	.3
27	17.4	25.0	21.2	77.7	0.0	0.0	0.0	3.5
28	16.4	27.8	21.2	78.3	0.0	6.4	6.4	4.0
29	16.5	25.6	20.0	83.3	1.1	15.5	16.6	2.5
30	15.4	25.0	19.4	82.7	20.0	0.0	20.0	4.0
31	16.0	24.8	21.0	83.3	0.0	4.4	4.4	2.6
Total :					25.2	28.2	53.4	178.6
Promedio :	16.6	27.4	21.8	62.6				

Estación : SANTA ROSITA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL PEÑON

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	24.2	18.0	88.0	11.5	.5	12.0	2.3
2	15.4	24.4	20.2	74.0	0.0	0.0	0.0	4.3
3	17.2	27.4	22.5	64.3	0.0	0.0	0.0	6.9
4	17.0	29.0	23.0	58.0	0.0	0.0	0.0	8.2
5	16.4	27.2	21.9	63.3	0.0	0.0	0.0	4.1
6	16.5	28.2	21.2	65.0	0.0	0.0	0.0	5.9
7	16.6	29.2	23.0	59.0	6.2	0.0	6.2	7.1
8	17.4	30.6	24.2	42.0	0.0	0.0	0.0	9.0
9	18.2	28.0	22.0	68.7	0.0	0.0	0.0	5.2
10	16.5	27.0	22.0	56.0	0.0	0.0	0.0	5.8
11	16.9	26.2	21.2	68.0	0.0	0.0	0.0	3.5
12	16.2	27.0	22.3	62.0	0.0	0.0	0.0	6.9
13	16.4	27.4	21.0	74.0	1.1	0.0	1.1	5.5
14	16.5	26.8	20.8	80.3	.4	0.0	.4	3.8
15	17.6	27.5	21.4	74.0	5.8	0.0	5.8	3.6
16	17.2	28.8	22.6	61.3	0.0	0.0	0.0	6.7
17	16.7	24.4	19.8	76.3	3.2	3.2	6.4	.2
18	17.4	25.0	19.5	85.0	3.1	0.0	3.1	2.4
19	16.5	25.8	20.7	65.0	0.0	0.0	0.0	6.1
20	15.6	27.4	21.0	75.7	0.0	0.0	0.0	5.4
21	16.8	28.6	22.0	64.3	.2	0.0	.2	7.8
22	16.4	28.0	22.1	60.7	0.0	0.0	0.0	7.6
23	17.2	28.8	20.1	79.7	24.0	12.0	36.0	5.1
24	16.1	25.7	21.0	77.7	0.0	3.6	3.6	3.8
25	16.5	25.4	20.6	78.3	0.0	1.3	1.3	5.0
26	16.2	21.6	18.5	78.3	1.3	16.5	17.8	1.1
27	16.0	26.4	19.7	80.3	1.5	3.2	4.7	4.8
28	16.2	23.0	18.1	82.7	.2	0.0	.2	2.3
29	15.9	27.4	21.6	73.7	0.0	1.2	1.2	5.3
30	16.4	26.5	22.2	73.0	0.0	0.0	0.0	8.9
31								
Total :					58.5	41.5	100.0	154.6
Promedio :	16.6	26.8	21.1	70.3				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	26.6	22.0	73.7	0.0	0.0	0.0	6.3
2	15.8	28.4	20.3	76.0	6.5	0.0	6.5	7.6
3	16.4	28.1	22.5	57.3	0.0	0.0	0.0	8.8
4	16.2	28.6	22.7	64.7	0.0	0.0	0.0	8.2
5	15.5	28.8	21.3	72.7	1.6	0.0	1.6	8.4
6	16.4	27.4	21.7	72.7	0.0	0.0	0.0	6.9
7	17.4	28.0	20.3	78.3	1.9	0.0	1.9	4.9
8	16.4	25.0	20.2	86.3	13.9	12.0	25.9	5.3
9	16.2	24.4	21.0	77.3	0.0	0.0	0.0	5.1
10	16.5	28.0	22.8	66.7	0.0	0.0	0.0	6.8
11	18.4	27.2	22.6	63.0	0.0	0.0	0.0	5.4
12	17.8	25.0	21.3	67.0	0.0	0.0	0.0	1.1
13	16.8	29.0	22.3	69.3	0.0	0.0	0.0	6.2
14	16.2	27.2	20.8	63.0	0.0	14.3	14.3	4.9
15	16.4	28.6	19.4	80.7	23.9	0.0	23.9	6.2
16	15.4	24.8	20.9	78.3	.3	7.0	7.3	4.7
17	16.0	23.6	19.1	85.7	.9	10.6	11.5	3.2
18	16.2	24.4	20.2	84.0	0.0	0.0	0.0	1.2
19	16.7	26.2	20.6	78.0	7.0	.1	7.1	3.4
20	15.3	25.5	20.0	82.3	12.0	2.8	14.8	4.1
21	15.9	25.6	19.8	84.3	0.0	4.3	4.3	5.7
22	16.5	23.5	18.1	90.0	1.9	0.0	1.9	1.0
23	16.4	24.6	18.8	83.3	28.3	3.5	31.8	3.9
24	15.6	28.0	19.6	78.7	39.2	8.2	47.4	5.9
25	16.2	26.0	19.7	81.3	8.5	0.0	8.5	5.1
26	17.0	24.5	19.9	86.0	.4	6.1	6.5	3.9
27	15.5	25.0	17.2	93.3	7.2	14.8	22.0	4.0
28	15.3	24.6	19.2	88.3	.4	0.0	.4	5.1
29	16.0	25.6	19.9	78.0	6.0	15.4	21.4	3.4
30	15.9	24.8	19.0	84.7	0.0	.1	.1	4.2
31	16.2	26.0	20.6	75.3	0.0	6.7	6.7	7.3
Total :					159.9	105.9	265.8	158.2
Promedio :	16.3	26.2	20.4	77.4				

Estación : SANTA ROSITA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL PEÑON

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	25.0	19.4	83.0	2.6	7.1	9.7	5.2
2	15.3	22.4	18.6	82.3	.3	20.3	20.6	1.6
3	15.0	25.4	19.5	80.7	8.3	2.1	10.4	4.9
4	16.2	26.6	19.4	83.3	41.3	11.2	52.5	5.3
5	15.2	23.7	19.6	82.7	0.0	14.0	14.0	2.6
6	16.4	25.8	18.9	84.0	26.0	.5	26.5	4.8
7	16.2	22.8	18.5	86.0	8.0	12.0	20.0	1.4
8	15.4	22.0	18.3	85.7	1.5	12.5	14.0	.6
9	16.0	24.4	19.9	84.7	0.0	.5	.5	3.0
10	15.3	25.2	20.3	80.7	0.0	0.0	0.0	3.7
11	16.6	29.0	21.0	71.7	0.0	0.0	0.0	3.8
12	16.0	25.1	20.1	74.7	0.0	0.0	0.0	4.2
13	16.4	24.2	20.2	84.0	0.0	19.2	19.2	2.3
14	15.7	24.0	20.0	79.3	0.0	.5	.5	3.8
15	16.4	26.3	21.2	70.7	0.0	0.0	0.0	6.9
16	16.2	26.0	21.1	72.0	0.0	0.0	0.0	7.7
17	16.6	26.2	20.6	76.7	0.0	0.0	0.0	3.0
18	16.2	23.8	19.0	80.3	0.0	0.0	0.0	3.2
19	15.8	24.4	20.0	82.0	6.5	.1	6.6	1.3
20	17.0	25.5	20.0	84.0	0.0	0.0	0.0	6.3
21	17.8	27.2	20.8	80.3	0.0	0.0	0.0	5.9
22	16.5	27.4	20.9	66.7	0.0	0.0	0.0	7.3
23	16.3	25.2	20.8	69.7	0.0	0.0	0.0	4.7
24	16.6	24.8	20.2	79.7	.2	0.0	.2	2.8
25	16.4	26.0	20.8	82.0	.6	0.0	.6	4.4
26	17.4	26.6	21.8	72.7	4.5	0.0	4.5	5.2
27	17.2	27.5	22.5	72.3	0.0	0.0	0.0	6.6
28	16.5	27.8	20.5	79.7	3.1	0.0	3.1	5.3
29	17.2	25.8	20.7	91.3	7.5	1.4	8.9	3.7
30	17.0	25.4	20.2	82.7	2.6	4.7	7.3	4.1
31								
Total :					113.0	106.1	219.1	125.6
Promedio :	16.3	25.4	20.2	79.5				

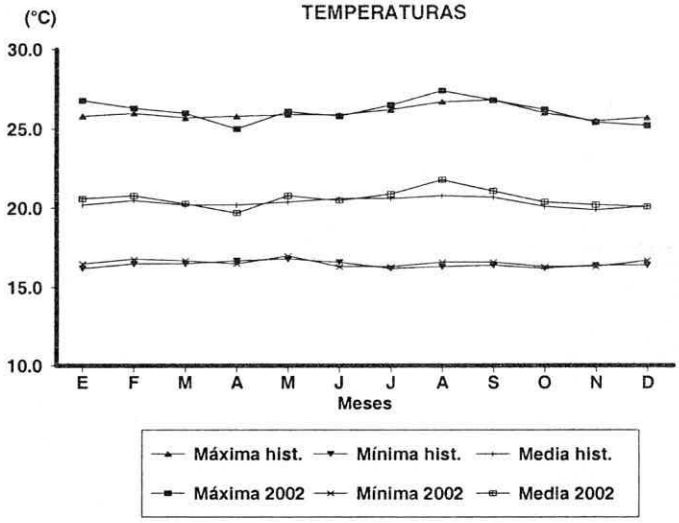
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	27.4	19.1	81.7	39.0	6.0	45.0	5.7
2	16.2	26.0	20.7	79.3	0.0	0.0	0.0	7.2
3	15.2	27.0	21.2	73.7	0.0	.2	.2	6.7
4	16.4	27.5	22.2	68.0	0.0	0.0	0.0	8.5
5	17.3	26.6	20.4	85.0	3.6	.3	3.9	4.8
6	17.6	25.3	20.7	85.3	.7	10.2	10.9	4.0
7	16.9	24.0	20.5	85.7	0.0	1.1	1.1	2.1
8	17.7	27.5	21.0	81.7	0.0	0.0	0.0	5.1
9	17.8	25.5	20.3	85.7	0.0	0.0	0.0	2.4
10	17.0	25.7	20.6	81.7	0.0	23.8	23.8	3.5
11	16.9	24.8	20.2	84.3	0.0	.3	.3	2.9
12	16.6	26.7	21.4	78.3	0.0	0.0	0.0	7.8
13	17.5	24.4	20.6	82.0	0.0	5.5	5.5	3.6
14	17.7	25.0	19.8	88.0	11.1	.7	11.8	2.2
15	16.6	20.0	17.8	93.0	30.0	4.0	34.0	0.0
16	16.0	24.1	19.6	82.3	0.0	9.7	9.7	2.3
17	16.6	20.6	18.4	90.7	5.3	16.0	21.3	.1
18	16.0	23.0	18.5	86.7	28.3	.2	28.5	.3
19	16.9	24.0	20.1	84.0	0.0	8.9	8.9	2.8
20	16.5	26.3	19.5	85.0	15.5	13.2	28.7	3.1
21	16.9	24.5	19.4	90.7	0.0	20.0	20.0	2.7
22	15.3	26.1	20.3	76.3	.9	0.0	.9	7.3
23	16.5	26.0	20.2	80.3	0.0	0.0	0.0	4.8
24	16.3	25.6	20.6	84.3	.5	0.0	.5	1.6
25	16.4	27.7	20.6	74.7	14.4	0.0	14.4	5.3
26	16.6	22.9	19.4	87.3	10.2	5.5	15.7	4.3
27	17.5	25.5	19.3	84.3	0.0	.1	.1	5.6
28	16.1	25.7	20.4	81.7	19.1	.3	19.4	5.0
29	16.5	25.5	19.5	81.3	0.0	0.0	0.0	.9
30	16.6	24.0	20.0	85.0	0.0	0.0	0.0	2.3
31	16.2	26.3	20.8	68.3	0.0	0.0		6.8
Total :					178.6	126.0	304.6	121.7
Promedio :	16.7	25.2	20.1	82.5				

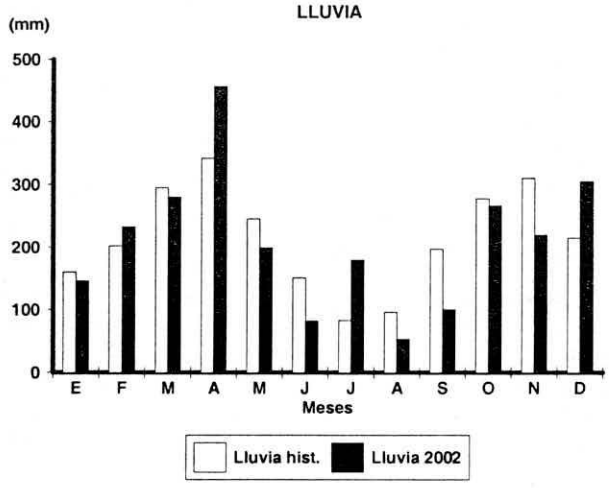
Estación : SANTA ROSITA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL PEÑON

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	16.5	26.8	20.6	30.2	14.4	78.5	146.5	9	167.8
Febrero	16.8	26.3	20.8	28.4	15.4	81.5	232.5	21	133.3
Marzo	16.7	26.0	20.3	28.8	15.2	81.1	280.5	24	137.1
Abril	16.5	25.0	19.7	27.8	15.2	84.1	456.5	28	114.4
Mayo	17.0	26.1	20.8	28.8	16.0	77.5	199.1	16	149.8
Junio	16.3	25.8	20.5	28.0	15.1	72.2	82.1	10	151.5
Julio	16.3	26.5	20.9	29.2	14.9	71.0	179.8	11	166.7
Agosto	16.6	27.4	21.8	30.5	15.2	62.6	53.4	10	178.6
Septiembre	16.6	26.8	21.1	30.6	15.4	70.3	100.0	15	154.6
Octubre	16.3	26.2	20.4	29.0	15.3	77.4	265.8	21	158.2
Noviembre	16.3	25.4	20.2	29.0	15.0	79.5	219.1	18	125.6
Diciembre	16.7	25.2	20.1	27.7	15.2	82.5	304.6	22	121.7
Promedio :	16.6	26.1	20.6			76.5			
Absoluta :				30.6	14.4				
Total :							2519.9	205	1759.3





Estación : SANTA BARBARA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	26.8	20.9	78.7	.9	0.0	.9	6.4
2	15.0	26.0	20.7	78.7	0.0	0.0	0.0	4.4
3	15.5	25.0	20.0	79.7	0.0	3.5	3.5	2.9
4	16.6	26.0	19.9	79.3	1.1	5.1	6.2	6.6
5	15.0	23.4	18.6	80.7	0.0	0.0	0.0	2.3
6	15.0	26.5	20.2	78.7	0.0	.5	.5	6.3
7	16.4	28.8	21.4	78.0	4.0	0.0	4.0	8.1
8	16.2	27.0	20.6	83.0	2.9	0.0	2.9	7.4
9	16.4	28.2	20.0	83.3	0.0	0.0	0.0	9.1
10	15.2	28.4	20.0	77.3	0.0	0.0	0.0	8.8
11	15.5	26.2	20.2	76.3	0.0	0.0	0.0	5.3
12	14.8	25.2	19.4	75.0	0.0	4.5	4.5	3.1
13	16.8	23.8	19.0	90.0	.5	.2	.7	1.8
14	15.4	25.4	19.6	83.3	0.0	0.0	0.0	4.8
15	15.2	27.4	19.2	78.7	42.4	2.9	45.3	7.2
16	14.8	26.5	20.4	78.0	.7	0.0	.7	5.4
17	16.2	25.5	20.0	79.3	0.0	0.0	0.0	5.9
18	14.0	24.6	19.2	82.7	1.9	4.8	6.7	3.2
19	14.2	24.8	19.0	82.0	0.0	0.0	0.0	1.7
20	15.2	26.4	19.7	81.3	14.3	0.0	14.3	6.0
21	15.4	25.8	19.6	82.7	.6	0.0	.6	5.1
22	16.8	26.4	20.8	71.0	0.0	0.0	0.0	7.6
23	18.0	26.8	21.0	68.7	0.0	0.0	0.0	3.7
24	16.6	27.8	21.6	68.7	0.0	0.0	0.0	7.1
25	16.5	27.0	20.7	71.7	0.0	0.0	0.0	5.6
26	15.4	26.2	20.3	81.0	0.0	0.0	0.0	5.1
27	15.0	28.4	21.3	49.3	0.0	0.0	0.0	8.2
28	19.8	26.8	21.6	50.3	0.0	0.0	0.0	4.1
29	18.2	28.0	22.0	65.7	0.0	0.0	0.0	3.6
30	16.8	26.8	21.3	78.3	0.0	0.0	0.0	3.7
31	17.2	27.4	21.2	78.7	0.0	0.0	0.0	5.3
Total :					69.3	21.5	90.8	165.8
Promedio :	16.0	26.4	20.3	76.5				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	29.4	22.0	70.7	0.0	.2	.2	6.0
2	15.1	29.0	22.2	69.0	0.0	0.0	0.0	6.9
3	18.0	26.4	21.2	82.3	.8	0.0	.8	1.2
4	17.4	23.6	18.7	93.0	.7	0.0	.7	1.4
5	16.2	27.5	20.8	76.7	.4	0.0	.4	6.0
6	17.4	28.5	21.6	73.7	0.0	8.8	8.8	6.3
7	16.6	24.6	19.2	84.7	2.6	.2	2.8	2.5
8	16.8	23.4	19.2	84.0	0.0	22.2	22.2	1.1
9	16.2	25.6	19.2	83.3	0.0	7.3	7.3	1.1
10	16.0	27.0	20.8	78.7	0.0	19.2	19.2	6.7
11	15.2	26.4	19.0	81.0	24.8	33.3	58.1	5.3
12	16.0	26.0	19.9	83.7	10.2	1.2	11.4	4.1
13	15.4	25.8	20.5	78.3	0.0	24.0	24.0	7.3
14	16.0	26.8	20.8	82.3	0.0	17.6	17.6	3.1
15	16.4	23.8	20.1	86.0	0.0	0.0	0.0	1.9
16	16.5	25.8	20.2	83.7	14.3	0.0	14.3	3.9
17	15.2	25.2	20.7	84.0	0.0	0.0	0.0	3.5
18	16.0	26.8	21.2	75.3	0.0	7.9	7.9	6.2
19	15.7	25.0	20.8	82.0	0.0	0.0	0.0	4.5
20	15.4	27.2	20.8	74.3	0.0	0.0	0.0	6.7
21	15.5	26.8	20.4	82.3	.2	0.0	.2	4.8
22	18.2	25.0	20.8	81.3	1.5	.2	1.7	.5
23	15.8	25.9	20.2	78.0	0.0	0.0	0.0	2.6
24	15.4	27.0	20.9	79.7	0.0	0.0	0.0	7.2
25	16.0	27.2	21.2	62.7	0.0	0.0	0.0	6.8
26	16.4	25.0	19.7	85.7	14.6	.1	14.7	2.5
27	16.5	26.4	19.6	87.0	10.0	.2	10.2	1.7
28	17.4	26.7	21.0	76.3	0.0	1.7	1.7	4.7
29								
30								
31								
Total :					80.1	144.1	224.2	116.5
Promedio :	16.3	26.2	20.5	80.0				

Estación : SANTA BARBARA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	26.3	20.9	80.0	0.0	0.0	0.0	4.6
2	16.7	27.4	21.8	54.3	0.0	0.0	0.0	6.7
3	15.4	27.8	19.0	73.3	40.0	44.0	84.0	6.8
4	15.5	27.2	21.3	76.7	0.0	48.2	48.2	7.4
5	16.0	24.6	19.7	80.3	0.0	0.0	0.0	2.1
6	15.2	26.0	20.1	84.0	4.7	6.8	11.5	4.8
7	15.7	25.8	19.4	81.0	15.5	23.1	38.6	3.6
8	16.0	25.5	20.7	82.0	0.0	7.9	7.9	2.4
9	17.2	27.0	21.6	69.7	0.0	0.0	0.0	6.8
10	15.0	26.8	20.6	71.3	.7	0.0	.7	6.8
11	16.2	24.4	20.1	85.3	0.0	9.9	9.9	2.0
12	16.6	20.6	18.8	93.3	.9	0.0	.9	0.0
13	15.4	28.2	22.1	72.3	0.0	0.0	0.0	9.0
14	16.8	24.8	20.0	91.7	10.7	.3	11.0	2.5
15	17.6	23.6	19.2	92.3	6.4	0.0	6.4	.8
16	15.2	26.0	19.6	81.3	14.0	4.2	18.2	5.0
17	16.4	25.6	19.8	85.3	.5	8.8	9.3	3.2
18	15.0	27.4	20.2	78.7	26.6	0.0	26.6	5.4
19	17.0	24.2	19.3	85.3	9.5	1.5	11.0	.4
20	16.0	23.5	18.6	94.3	5.7	0.0	5.7	.6
21	16.8	23.0	19.5	87.0	0.0	0.0	0.0	1.9
22	16.5	24.6	19.2	86.0	21.9	4.0	25.9	1.9
23	16.6	25.0	18.6	96.0	40.1	0.0	40.1	3.0
24	15.4	27.0	21.0	76.3	0.0	0.0	0.0	6.5
25	15.0	28.4	22.2	66.7	0.0	0.0	0.0	5.8
26	15.6	27.2	21.7	71.7	.3	0.0	.3	6.0
27	18.2	24.5	19.5	94.0	7.7	0.0	7.7	1.8
28	17.0	25.4	19.7	93.3	0.0	13.3	13.3	1.6
29	15.5	20.0	17.1	97.7	30.2	0.0	30.2	.2
30	15.2	24.2	20.5	81.3	0.0	0.0	0.0	3.2
31	17.0	27.2	21.8	73.0	0.0	0.0	0.0	7.2
Total :					235.4	172.0	407.4	120.0
Promedio :	16.1	25.5	20.1	81.8				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	24.8	20.0	86.3	5.4	.2	5.6	0.0
2	18.0	21.0	19.0	95.3	9.7	0.0	9.7	0.0
3	16.2	26.4	20.1	83.0	2.4	0.0	2.4	3.7
4	16.6	27.0	20.7	80.3	.3	0.0	.3	5.3
5	16.2	27.5	21.8	70.0	0.0	0.0	0.0	6.7
6	16.6	26.4	19.8	86.3	2.9	0.0	2.9	3.9
7	16.4	22.4	18.8	83.7	0.0	0.0	0.0	1.3
8	15.8	25.4	19.8	75.0	0.0	47.3	47.3	5.2
9	16.0	25.2	19.0	85.3	1.2	34.6	35.8	3.3
10	14.8	26.6	20.4	77.7	0.0	0.0	0.0	7.6
11	16.6	26.2	20.6	75.3	0.0	0.0	0.0	6.6
12	16.8	25.2	19.0	84.0	.5	53.1	53.6	2.7
13	16.0	23.8	19.0	86.3	11.1	60.2	71.3	2.1
14	15.6	24.0	19.2	84.3	2.9	3.7	6.6	2.1
15	16.8	23.8	20.4	84.7	0.0	0.0	0.0	1.6
16	16.0	26.2	20.7	77.3	0.0	0.0	0.0	7.9
17	16.2	25.0	19.4	93.0	10.3	4.3	14.6	3.9
18	16.0	24.0	19.6	88.3	.6	0.0	.6	1.6
19	16.8	22.8	19.2	95.0	3.8	19.4	23.2	2.6
20	17.0	24.5	19.6	84.7	.8	0.0	.8	.7
21	17.8	24.4	20.8	81.0	0.0	0.0	0.0	2.4
22	16.7	26.3	21.4	77.7	0.0	0.0	0.0	3.9
23	16.0	28.5	22.0	78.0	.7	9.8	10.5	6.3
24	15.8	26.2	20.7	83.3	6.6	34.5	41.1	2.8
25	16.2	19.2	17.6	97.0	9.1	.1	9.2	0.0
26	16.3	23.2	19.6	85.7	0.0	40.9	40.9	.8
27	16.8	25.2	19.4	84.3	20.7	0.0	20.7	1.4
28	16.2	25.8	19.0	87.7	29.6	0.0	29.6	1.0
29	16.0	24.6	20.2	86.0	0.0	10.6	10.6	2.4
30	16.2	23.0	19.3	89.0	0.0	0.0	0.0	1.2
31								
Total :					118.6	318.7	437.3	91.0
Promedio :	16.4	24.8	19.9	84.2				

Estación : SANTA BARBARA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	24.2	19.4	83.7	0.0	0.0	0.0	1.6
2	15.3	27.4	20.8	76.3	.9	0.0	.9	4.3
3	17.4	27.0	21.7	66.7	4.0	0.0	4.0	6.8
4	16.4	27.4	22.4	59.3	0.0	0.0	0.0	9.9
5	18.4	28.0	23.3	48.7	0.0	0.0	0.0	6.8
6	16.6	28.8	22.8	52.3	0.0	0.0	0.0	9.4
7	17.0	28.2	22.1	68.0	.5	0.0	.5	6.5
8	16.8	27.2	21.6	72.3	0.0	0.0	0.0	4.0
9	16.0	27.8	21.0	75.3	0.0	0.0	0.0	6.2
10	16.8	28.0	22.4	63.0	7.9	0.0	7.9	6.9
11	19.0	26.8	21.5	68.7	0.0	0.0	0.0	2.6
12	19.2	27.0	22.7	54.7	0.0	.2	.2	3.8
13	17.4	27.8	21.3	74.7	.2	0.0	.2	5.0
14	16.6	26.4	22.2	72.7	0.0	0.0	0.0	3.8
15	18.6	28.6	22.9	70.0	0.0	0.0	0.0	4.3
16	17.6	27.2	21.7	82.3	.2	0.0	.2	3.8
17	18.0	27.0	20.6	88.3	2.3	0.0	2.3	2.2
18	18.5	27.6	21.1	84.0	3.3	0.0	3.3	1.2
19	16.6	25.4	21.2	83.7	0.0	0.0	0.0	3.2
20	16.0	27.2	20.3	82.7	21.2	35.2	56.4	5.2
21	16.2	24.3	19.8	90.0	0.0	0.0	0.0	.7
22	17.8	23.3	19.2	88.7	23.8	1.1	24.9	.4
23	16.7	22.8	18.8	93.7	0.0	0.0	0.0	0.0
24	17.1	28.8	22.0	75.3	0.0	0.0	0.0	7.4
25	17.4	23.1	19.8	93.0	2.9	16.2	19.1	.7
26	16.2	26.2	19.7	83.3	1.3	66.2	67.5	2.5
27	16.0	25.4	19.8	86.3	15.0	0.0	15.0	2.5
28	16.3	24.3	19.6	85.0	10.1	42.9	53.0	1.5
29	16.2	25.6	19.9	77.3	0.0	.4	.4	2.8
30	16.8	23.0	18.4	86.7	1.1	5.5	6.6	1.4
31	17.0	23.6	18.8	94.7	2.0	0.0	2.0	3.5
Total :					96.7	167.7	264.4	120.9
Promedio :	17.0	26.3	20.9	76.8				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	25.6	19.6	80.0	.4	0.0	.4	6.4
2	16.0	25.4	19.4	85.7	22.2	2.4	24.6	3.0
3	14.2	25.2	17.9	93.0	5.6	0.0	5.6	3.7
4	14.4	24.0	18.4	90.0	.4	0.0	.4	1.3
5	16.1	23.5	17.6	95.7	17.7	1.8	19.5	1.7
6	15.8	23.2	18.7	79.7	11.9	8.3	20.2	1.5
7	15.6	24.4	18.9	85.0	1.1	.1	1.2	2.8
8	16.0	26.0	20.8	78.3	0.0	2.9	2.9	6.5
9	16.8	23.8	19.0	92.0	3.9	.1	4.0	2.6
10	15.8	27.8	21.0	68.0	0.0	0.0	0.0	7.7
11	16.3	25.7	19.7	81.7	3.6	0.0	3.6	4.5
12	14.4	26.8	20.2	77.3	0.0	2.3	2.3	7.9
13	16.2	24.6	19.2	82.3	0.0	0.0	0.0	2.8
14	15.8	25.6	19.6	72.0	0.0	0.0	0.0	4.5
15	15.2	24.4	19.9	74.3	0.0	0.0	0.0	2.9
16	14.8	27.5	20.6	62.0	0.0	0.0	0.0	9.1
17	17.0	25.6	20.3	73.7	0.0	0.0	0.0	2.1
18	15.4	25.0	20.2	73.3	0.0	0.0	0.0	3.1
19	17.0	27.2	21.7	59.3	0.0	0.0	0.0	5.0
20	17.6	25.2	20.6	69.7	0.0	0.0	0.0	4.9
21	16.4	25.4	20.1	69.3	0.0	0.0	0.0	4.1
22	17.4	27.0	21.2	56.3	0.0	0.0	0.0	9.8
23	17.6	25.4	20.3	68.7	0.0	0.0	0.0	0.0
24	17.4	27.2	21.5	64.0	0.0	0.0	0.0	5.1
25	16.4	25.0	19.4	80.0	.9	0.0	.9	3.6
26	15.8	23.6	21.0	62.3	0.0	0.0	0.0	3.9
27	18.6	26.4	21.5	61.7	0.0	0.0	0.0	2.9
28	15.8	27.0	20.8	74.3	0.0	0.0	0.0	4.9
29	16.6	25.2	20.3	83.3	2.5	0.0	2.5	3.8
30	17.8	28.5	23.7	41.7	5.9	.2	6.1	9.2
31								
Total :					76.1	18.1	94.2	131.3
Promedio :	16.2	25.6	20.1	74.5				

Estación : SANTA BARBARA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.8	26.8	22.8	55.0	0.0	0.0	0.0	5.8
2	16.4	28.2	22.4	68.3	0.0	0.0	0.0	5.8
3	16.2	26.6	21.6	67.0	0.0	0.0	0.0	3.9
4	16.5	29.3	22.8	66.3	0.0	0.0	0.0	7.7
5	16.0	27.8	19.8	81.0	10.9	39.5	50.4	4.1
6	15.0	22.4	17.6	92.0	3.1	0.0	3.1	0.0
7	14.4	27.9	21.4	64.7	.4	0.0	.4	8.4
8	15.8	28.0	21.8	60.0	0.0	0.0	0.0	7.7
9	17.5	28.0	21.5	61.7	0.0	0.0	0.0	8.4
10	17.3	26.0	20.8	75.0	0.0	0.0	0.0	3.0
11	16.2	24.8	19.8	80.0	0.0	0.0	0.0	2.1
12	15.0	28.6	22.4	61.0	0.0	0.0	0.0	8.6
13	16.6	26.6	21.6	49.3	0.0	0.0	0.0	6.6
14	16.2	28.4	21.4	63.0	0.0	0.0	0.0	5.4
15	15.4	25.0	19.4	76.7	0.0	0.0	0.0	2.6
16	15.2	26.6	20.4	70.7	1.2	0.0	1.2	4.6
17	16.4	26.8	19.5	78.7	13.9	0.0	13.9	3.8
18	16.6	24.8	20.0	72.7	0.0	0.0	0.0	2.2
19	16.8	25.8	20.5	68.3	0.0	0.0	0.0	2.8
20	15.6	26.0	21.4	69.0	.6	0.0	.6	5.0
21	15.8	24.6	19.4	81.7	2.7	0.0	2.7	2.6
22	14.6	26.6	20.2	79.0	2.1	0.0	2.1	6.2
23	14.8	27.8	21.8	66.0	0.0	0.0	0.0	9.6
24	16.4	26.8	21.0	76.7	0.0	.6	.6	4.5
25	15.4	24.4	19.2	79.0	0.0	0.0	0.0	3.8
26	15.6	26.0	21.3	54.3	0.0	0.0	0.0	7.2
27	15.2	26.8	21.0	59.7	0.0	0.0	0.0	9.1
28	16.5	25.6	21.2	57.0	0.0	0.0	0.0	4.6
29	18.0	27.6	22.0	47.3	0.0	0.0	0.0	7.0
30	15.7	27.0	21.2	52.0	.2	0.0	.2	5.1
31	15.5	23.2	18.2	71.7	.3	0.0	.3	.3
Total :					35.4	40.1	75.5	158.5
Promedio :	16.1	26.5	20.8	67.9				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	25.5	21.0	67.0	0.0	0.0	0.0	3.1
2	15.8	26.6	20.4	57.7	0.0	0.0	0.0	6.0
3	16.5	26.5	20.4	57.7	.3	0.0	.3	1.8
4	15.8	25.2	20.4	67.7	.2	.4	.6	5.4
5	15.5	27.6	20.2	69.3	.9	0.0	.9	6.4
6	14.8	30.8	21.9	57.3	0.0	0.0	0.0	9.1
7	18.0	27.8	22.0	55.0	0.0	0.0	0.0	6.7
8	16.2	25.6	20.3	65.3	0.0	.9	.9	2.5
9	14.8	25.6	18.8	77.3	0.0	0.0	0.0	6.0
10	17.0	24.8	21.0	45.3	0.0	0.0	0.0	5.2
11	16.8	26.4	20.3	55.7	0.0	0.0	0.0	5.2
12	18.2	25.8	22.0	50.7	0.0	0.0	0.0	3.5
13	17.0	27.8	21.9	63.3	0.0	0.0	0.0	5.4
14	16.8	26.0	21.6	62.0	0.0	0.0	0.0	4.1
15	17.0	26.8	22.8	54.3	0.0	0.0	0.0	4.6
16	16.8	28.6	22.9	49.3	0.0	0.0	0.0	8.6
17	17.6	29.0	22.0	47.0	0.0	0.0	0.0	5.1
18	17.4	27.6	22.8	49.7	0.0	0.0	0.0	4.8
19	15.2	27.2	21.2	63.0	0.0	0.0	0.0	5.4
20	16.2	25.8	20.8	72.3	0.0	0.0	0.0	5.5
21	18.2	28.0	23.6	48.3	.2	0.0	.2	2.3
22	20.4	27.8	23.7	49.3	0.0	0.0	0.0	3.6
23	18.1	27.0	20.6	71.3	1.5	0.0	1.5	5.0
24	15.8	27.8	23.0	51.7	0.0	0.0	0.0	5.8
25	16.6	29.6	22.4	66.3	0.0	0.0	0.0	6.2
26	18.0	25.0	20.2	81.0	0.0	0.0	0.0	1.0
27	17.2	24.2	19.2	91.0	8.2	0.0	8.2	1.2
28	15.0	27.0	21.2	75.0	0.0	22.6	22.6	4.2
29	15.5	25.5	20.2	84.0	0.0	27.7	27.7	2.9
30	14.8	25.2	20.0	81.3	0.0	.2	.2	.5
31	15.8	25.0	19.6	84.7	1.7	.1	1.8	4.1
Total :					13.0	51.9	64.9	141.2
Promedio :	16.6	26.7	21.2	63.6				

Estación : SANTA BARBARA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	23.6	19.0	86.7	7.6	0.0	7.6	2.1
2	15.4	25.8	20.3	72.3	0.0	0.0	0.0	5.4
3	15.5	27.6	21.3	61.7	0.0	0.0	0.0	7.0
4	15.6	26.8	22.4	57.7	0.0	0.0	0.0	8.5
5	14.8	27.0	20.5	65.3	0.0	0.0	0.0	3.5
6	15.2	27.8	22.1	60.0	0.0	0.0	0.0	4.7
7	17.5	28.0	22.4	48.7	0.0	0.0	0.0	4.8
8	17.2	29.4	23.0	38.3	0.0	0.0	0.0	7.3
9	16.8	27.0	22.2	63.3	0.0	0.0	0.0	4.9
10	15.8	26.4	21.4	58.3	0.0	0.0	0.0	1.9
11	16.5	25.6	20.6	72.7	0.0	0.0	0.0	3.7
12	15.6	26.0	20.4	66.0	.6	0.0	.6	4.8
13	16.0	26.8	20.9	72.3	.7	0.0	.7	4.1
14	15.8	27.4	19.8	79.7	17.3	0.0	17.3	3.9
15	15.2	27.3	22.0	72.0	0.0	0.0	0.0	4.1
16	16.8	27.0	21.0	69.0	0.0	0.0	0.0	6.8
17	15.4	24.4	20.2	80.0	0.0	0.0	0.0	.2
18	15.0	24.6	20.2	77.0	0.0	50.2	50.2	2.2
19	16.0	26.4	20.2	77.7	0.0	0.0	0.0	5.8
20	16.2	26.8	20.8	73.0	0.0	0.0	0.0	4.5
21	14.8	28.6	21.7	64.3	0.0	0.0	0.0	9.4
22	14.2	27.8	21.8	49.0	0.0	10.8	10.8	8.8
23	15.5	27.5	20.2	80.3	.3	4.0	4.3	6.0
24	17.0	26.8	20.4	80.3	.1	5.1	5.2	2.6
25	16.6	24.6	19.4	82.3	0.0	0.0	0.0	2.2
26	16.0	22.7	18.4	91.7	1.7	1.4	3.1	1.1
27	17.0	26.8	19.5	85.0	5.4	3.7	9.1	4.4
28	15.7	21.8	18.0	93.0	2.7	0.0	2.7	.9
29	15.4	27.0	20.4	77.7	0.0	7.7	7.7	6.8
30	16.8	26.0	20.6	69.0	.2	0.0	.2	5.6
31								
Total :					36.6	82.9	119.5	138.0
Promedio :	15.9	26.4	20.7	70.8				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	28.0	21.5	65.7	0.0	0.0	0.0	7.9
2	14.8	27.6	21.6	57.7	1.5	0.0	1.5	7.8
3	15.2	28.6	21.2	59.7	0.0	0.0	0.0	7.6
4	17.0	29.0	23.0	50.0	0.0	0.0	0.0	8.5
5	16.5	27.4	22.6	47.7	0.0	0.0	0.0	7.4
6	16.0	26.9	21.8	60.0	0.0	0.0	0.0	6.2
7	16.6	27.8	20.4	74.7	4.4	0.0	4.4	6.6
8	15.8	25.0	19.6	79.7	.6	6.2	6.8	4.3
9	18.0	26.6	19.8	89.7	7.3	0.0	7.3	4.0
10	14.8	28.4	21.8	66.7	0.0	0.0	0.0	9.0
11	18.4	26.5	22.6	49.0	0.0	0.0	0.0	3.9
12	17.6	26.0	20.7	66.7	0.0	0.0	0.0	1.7
13	16.5	27.8	22.2	57.7	0.0	0.0	0.0	7.3
14	15.8	27.4	21.7	65.3	0.0	.5	.5	7.2
15	17.0	29.0	20.6	76.7	8.1	1.3	9.4	5.8
16	15.0	26.2	20.8	75.7	0.0	0.0	0.0	6.4
17	17.0	24.0	19.7	92.3	6.3	0.0	6.3	1.2
18	16.6	26.0	20.7	75.0	0.0	0.0	0.0	3.6
19	15.2	28.6	21.3	75.7	1.7	0.0	1.7	4.3
20	15.0	27.0	21.0	75.3	.2	18.2	18.4	4.6
21	15.1	25.4	20.1	79.0	0.0	4.2	4.2	4.8
22	16.8	22.4	18.4	94.0	7.8	0.0	7.8	1.9
23	16.2	25.0	20.4	82.0	.6	18.5	19.1	4.1
24	15.4	26.8	20.0	82.0	14.5	14.6	29.1	5.4
25	16.6	26.2	19.7	79.7	3.4	0.0	3.4	2.1
26	17.2	25.4	20.2	82.7	3.4	0.0	3.4	5.5
27	16.2	25.2	17.5	90.7	5.8	5.6	11.4	3.6
28	14.8	26.2	19.1	83.0	0.0	.2	.2	4.9
29	17.4	28.4	20.2	79.3	.4	12.4	12.8	5.0
30	16.4	25.8	19.0	84.3	.2	0.0	.2	5.8
31	16.0	26.0	20.3	82.7	3.7	0.0	3.7	4.7
Total :					69.9	81.7	151.6	163.1
Promedio :	16.2	26.7	20.6	73.6				

Estación : SANTA BARBARA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	24.8	19.6	80.7	0.0	0.0	0.0	3.6
2	15.0	23.1	18.0	95.7	6.0	1.2	7.2	.5
3	17.0	25.6	19.6	81.0	2.0	.2	2.2	2.8
4	15.2	27.2	20.6	82.0	1.4	16.7	18.1	6.9
5	15.4	24.8	19.0	86.3	0.0	16.1	16.1	2.3
6	14.4	25.6	19.4	82.0	5.5	4.4	9.9	4.9
7	15.8	26.6	18.4	87.3	4.0	.2	4.2	.6
8	16.0	20.4	17.4	96.7	6.0	9.9	15.9	.3
9	15.6	24.2	19.6	83.7	1.0	18.8	19.8	2.2
10	14.6	27.5	19.6	80.7	0.0	0.0	0.0	9.5
11	15.5	25.8	19.4	80.3	0.0	0.0	0.0	3.5
12	15.4	25.4	21.0	78.0	0.0	0.0	0.0	5.0
13	15.0	23.4	19.1	87.3	0.0	25.8	25.8	1.1
14	15.2	26.9	20.0	82.0	0.0	0.0	0.0	3.3
15	14.6	27.4	20.4	77.0	0.0	0.0	0.0	9.2
16	17.4	26.8	21.2	58.0	0.0	0.0	0.0	5.6
17	16.3	25.0	20.0	68.3	.6	0.0	.6	2.7
18	15.6	25.3	19.1	83.3	.2	0.0	.2	3.4
19	15.0	24.8	19.6	86.0	0.0	0.0	0.0	2.5
20	15.2	26.2	20.4	73.7	0.0	0.0	0.0	6.7
21	16.8	26.8	20.9	81.0	0.0	0.0	0.0	5.8
22	17.2	28.4	21.4	59.0	0.0	0.0	0.0	8.0
23	15.4	24.4	20.0	73.3	0.0	0.0	0.0	4.5
24	15.5	25.8	19.2	87.3	.8	0.0	.8	3.5
25	15.0	27.2	21.2	75.3	0.0	0.0	0.0	8.0
26	16.6	27.5	22.4	73.3	0.0	0.0	0.0	7.2
27	16.4	28.4	20.7	79.7	0.0	0.0	0.0	5.0
28	15.2	27.6	20.3	78.0	1.5	0.0	1.5	8.2
29	15.8	26.0	20.8	76.0	0.0	0.0	0.0	2.5
30	15.4	27.6	21.4	75.0	.9	0.0	.9	7.4
31								
Total :					29.9	93.3	123.2	136.7
Promedio :	15.6	25.9	20.0	79.6				

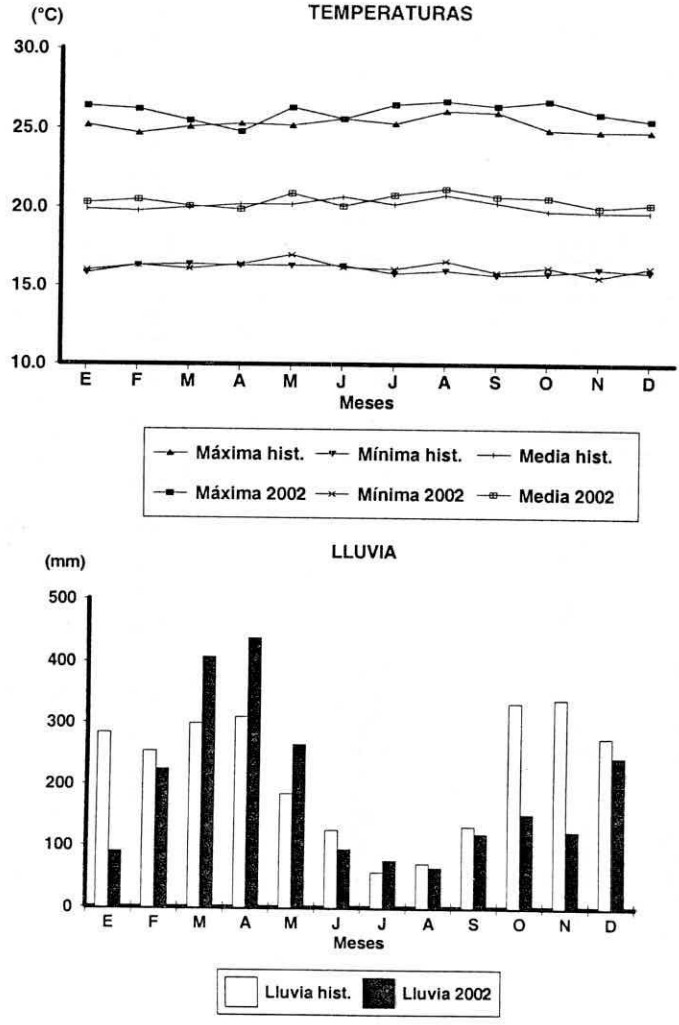
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	28.4	20.6	78.7	0.0	0.0	0.0	7.7
2	15.8	27.9	21.2	72.7	0.0	0.0	0.0	8.7
3	16.8	28.0	22.0	57.3	0.0	0.0	0.0	5.8
4	14.4	27.9	22.1	67.7	0.0	0.0	0.0	7.7
5	16.6	27.6	20.6	81.7	8.4	3.1	11.5	5.8
6	16.8	26.8	20.6	84.0	0.0	15.8	15.8	3.7
7	17.4	24.2	20.2	87.0	0.0	19.3	19.3	1.6
8	17.0	27.2	21.0	83.7	8.4	7.6	16.0	4.1
9	18.2	25.4	20.2	83.3	5.2	15.0	20.2	2.4
10	17.8	25.6	21.2	82.0	0.0	8.2	8.2	2.6
11	17.4	24.6	20.3	86.0	0.0	0.0	0.0	2.0
12	15.4	26.6	20.4	78.3	0.0	0.0	0.0	7.5
13	16.2	27.0	21.6	79.3	0.0	0.0	0.0	4.2
14	17.4	23.6	19.0	95.3	8.0	.5	8.5	.8
15	16.8	19.6	17.9	96.3	24.2	5.1	29.3	0.0
16	16.0	23.5	19.4	85.3	.3	38.6	38.9	.6
17	16.5	21.0	18.7	93.7	4.4	12.4	16.8	0.0
18	17.0	20.8	18.7	91.7	.2	0.0	.2	0.0
19	16.0	25.6	19.5	88.7	20.4	3.3	23.7	4.2
20	16.4	26.6	19.4	86.7	12.3	9.9	22.2	2.9
21	16.0	24.3	19.8	86.3	0.0	0.0	0.0	3.4
22	14.2	25.8	19.7	76.0	0.0	0.0	0.0	6.3
23	15.8	25.0	19.8	82.0	0.0	0.0	0.0	5.2
24	15.5	26.6	20.4	79.0	0.0	0.0	0.0	6.2
25	14.6	27.2	20.2	72.0	2.0	0.0	2.0	6.4
26	15.6	27.0	20.9	84.0	.5	0.0	.5	6.6
27	15.3	26.0	20.1	83.3	.3	0.0	.3	5.5
28	14.8	26.8	19.8	78.7	4.5	6.0	10.5	5.8
29	16.0	22.8	19.2	91.3	0.0	0.0	0.0	1.2
30	17.5	23.8	20.6	88.7	0.0	0.0	0.0	1.5
31	15.8	25.8	20.3	73.7	0.0	0.0		7.6
Total :					99.1	144.8	243.9	128.0
Promedio :	16.2	25.5	20.2	82.4				

Estación : SANTA BARBARA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.0	26.4	20.3	28.8	14.0	76.5	90.8	13	165.8
Febrero	16.3	26.2	20.5	29.4	15.1	80.0	224.2	20	116.5
Marzo	16.1	25.5	20.1	28.4	15.0	81.8	407.4	21	120.0
Abril	16.4	24.8	19.9	28.5	14.8	84.2	437.3	21	91.0
Mayo	17.0	26.3	20.9	28.8	15.3	76.8	264.4	18	120.9
Junio	16.2	25.6	20.1	28.5	14.2	74.5	94.2	14	131.3
Julio	16.1	26.5	20.8	29.3	14.4	67.9	75.5	11	158.5
Agosto	16.6	26.7	21.2	30.8	14.8	63.6	64.9	11	141.2
Septiembre	15.9	26.4	20.7	29.4	14.2	70.8	119.5	13	138.0
Octubre	16.2	26.7	20.6	29.0	14.8	73.6	151.6	20	163.1
Noviembre	15.6	25.9	20.0	28.4	14.4	79.6	123.2	14	136.7
Diciembre	16.2	25.5	20.2	28.4	14.2	82.4	243.9	17	128.0
Promedio :	16.2	26.0	20.4			76.0			
Absoluta :				30.8	14.0				
Total :							2296.9	193	1611.0



Estación : MESITAS DE SANTA INES
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : CACHIPAY

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	26.6	21.3	81.3	4.0	0.0	4.0	6.7
2	17.2	27.0	21.4	69.3	0.0	0.0	0.0	7.3
3	17.0	27.4	22.0	64.0	0.0	0.0	0.0	9.3
4	16.6	25.6	20.0	80.7	15.0	0.0	15.0	5.4
5	17.2	25.8	20.8	70.7	0.0	0.0	0.0	7.4
6	17.0	27.0	21.9	61.7	0.0	0.0	0.0	8.2
7	17.6	27.5	21.2	76.3	.7	0.0	.7	4.7
8	17.2	27.1	22.0	68.0	0.0	0.0	0.0	6.2
9	17.8	27.0	21.7	69.3	0.0	0.0	0.0	6.6
10	17.0	27.5	22.0	66.0	.1	0.0	.1	8.2
11	17.2	27.0	22.0	66.7	0.0	0.0	0.0	8.4
12	17.0	26.9	20.8	74.3	6.3	16.4	22.7	3.3
13	18.0	25.6	20.8	77.7	2.9	0.0	2.9	3.2
14	17.2	24.5	20.6	76.7	0.0	0.0	0.0	3.6
15	16.8	25.2	21.2	72.3	.4	0.0	.4	5.3
16	18.0	26.0	21.0	70.7	0.0	0.0	0.0	5.9
17	17.0	27.0	21.2	67.0	0.0	0.0	0.0	8.2
18	17.2	25.5	21.1	67.3	0.0	0.0	0.0	5.9
19	16.5	25.4	20.4	70.7	0.0	0.0	0.0	3.4
20	16.6	25.5	20.8	58.7	0.0	0.0	0.0	6.6
21	18.0	26.6	21.5	69.3	14.5	1.4	15.9	4.5
22	17.8	26.4	21.0	68.3	0.0	0.0	0.0	4.8
23	18.4	27.0	21.5	60.0	0.0	0.0	0.0	4.7
24	18.2	26.8	22.6	58.0	0.0	0.0	0.0	3.8
25	19.2	28.0	22.5	59.3	0.0	0.0	0.0	7.2
26	18.5	27.5	21.4	63.3	0.0	0.0	0.0	5.4
27	19.0	27.0	22.5	48.3	0.0	0.0	0.0	8.1
28	19.5	27.6	21.8	56.3	0.0	0.0	0.0	4.3
29	18.6	28.2	21.8	58.3	0.0	0.0	0.0	4.2
30	19.5	27.5	22.2	62.0	0.0	0.0	0.0	3.7
31	18.4	25.6	22.0	69.0	0.0	.6	.6	3.4
Total :					43.9	18.4	62.3	177.9
Promedio :	17.7	26.6	21.5	67.1				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	27.0	21.0	74.3	0.0	0.0	0.0	3.1
2	17.6	28.4	21.1	55.7	0.0	1.9	1.9	7.2
3	19.0	26.4	21.6	76.7	2.1	10.0	12.1	1.3
4	17.8	24.6	20.6	80.7	.8	0.0	.8	2.8
5	18.6	27.8	21.8	66.3	0.0	.1	.1	6.2
6	18.2	28.0	21.6	74.0	.6	3.5	4.1	5.8
7	18.5	25.0	20.8	77.7	0.0	0.0	0.0	1.8
8	17.2	22.4	18.8	92.3	17.4	.2	17.6	1.7
9	18.0	24.0	20.6	82.3	0.0	0.0	0.0	1.7
10	17.1	27.0	20.3	77.0	.4	4.6	5.0	6.2
11	17.5	27.4	21.9	67.7	0.0	0.0	0.0	6.2
12	19.2	26.6	22.2	71.0	0.0	1.6	1.6	4.8
13	16.8	26.4	21.6	65.7	0.0	0.0	0.0	7.2
14	18.4	27.1	22.4	66.7	0.0	.1	.1	7.3
15	18.0	26.6	21.8	71.7	0.0	0.0	0.0	8.0
16	17.5	27.0	21.5	74.7	.4	0.0	.4	6.8
17	17.4	27.4	22.8	64.7	0.0	0.0	0.0	7.5
18	17.2	27.2	22.4	73.0	0.0	0.0	0.0	4.4
19	17.6	24.5	21.0	75.7	0.0	0.0	0.0	3.5
20	16.6	27.5	22.9	56.3	0.0	0.0	0.0	8.6
21	17.0	29.0	23.0	50.0	0.0	0.0	0.0	7.1
22	19.5	24.4	21.7	73.0	0.0	0.0	0.0	.2
23	19.0	27.0	20.7	75.7	5.9	0.0	5.9	2.7
24	16.5	27.5	23.6	57.7	0.0	0.0	0.0	7.6
25	17.4	28.5	22.4	60.7	0.0	0.0	0.0	6.3
26	18.2	26.6	20.5	76.3	2.2	0.0	2.2	3.4
27	18.5	26.0	21.5	77.7	6.4	0.0	6.4	1.7
28	18.2	25.6	21.6	72.3	.8	0.0	.8	1.6
29								
30								
31								
Total :					37.0	22.0	59.0	132.7
Promedio :	17.9	26.5	21.6	71.0				

Estación : MESITAS DE SANTA INES Dpto. : CUNDINAMARCA Latitud : 4 ° 43 ' N
Año : 2002 Mpio. : CACHIPAY Longitud : 74 ° 28 ' W
Altitud : 1250 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	27.5	22.8	61.3	0.0	0.0	0.0	6.5
2	20.0	27.6	23.0	44.3	0.0	0.0	0.0	6.4
3	19.5	29.4	23.9	43.7	0.0	0.0	0.0	9.4
4	17.6	29.0	22.8	57.0	0.0	0.0	0.0	7.0
5	18.5	27.0	21.4	65.0	0.0	1.2	1.2	1.3
6	17.2	28.5	22.8	57.7	0.0	9.8	9.8	7.7
7	17.4	27.2	21.7	74.0	0.0	19.0	19.0	5.6
8	17.3	27.0	21.8	73.0	0.0	22.1	22.1	3.8
9	17.4	27.8	21.6	59.7	0.0	0.0	0.0	6.1
10	16.5	27.5	21.9	50.3	0.0	0.0	0.0	7.1
11	17.6	26.0	22.2	59.0	0.0	.7	.7	3.9
12	18.5	20.6	19.6	95.7	1.2	0.0	1.2	0.0
13	17.6	26.6	21.9	59.3	0.0	0.0	0.0	7.1
14	18.8	27.0	20.9	66.7	5.9	0.0	5.9	3.3
15	18.6	24.0	20.4	76.3	3.4	0.0	3.4	1.2
16	18.7	27.6	22.6	66.3	0.0	2.1	2.1	5.1
17	18.4	24.5	20.2	82.7	1.0	0.0	1.0	3.8
18	18.6	27.4	22.9	71.0	0.0	1.9	1.9	5.6
19	17.8	25.6	21.1	82.3	.1	12.5	12.6	.8
20	17.2	25.0	20.7	84.3	0.0	.5	.5	1.6
21	18.0	22.5	18.3	97.0	17.4	0.0	17.4	1.7
22	17.6	26.0	21.2	77.0	0.0	0.0	0.0	3.7
23	18.2	24.4	19.7	97.0	19.5	0.0	19.5	3.0
24	18.1	25.0	21.1	82.0	0.0	0.0	0.0	3.1
25	18.4	27.2	21.8	71.3	0.0	0.0	0.0	8.4
26	18.0	27.0	22.8	68.3	0.0	0.0	0.0	5.8
27	19.6	26.5	21.3	87.7	.3	0.0	.3	2.3
28	18.0	26.2	20.6	90.0	.5	1.1	1.6	2.0
29	17.4	21.0	18.4	94.7	49.8	0.0	49.8	0.0
30	16.6	24.9	20.2	83.0	0.0	0.0	0.0	4.6
31	19.5	26.0	22.4	73.7	0.0	1.3	1.3	5.3
Total :					99.1	72.2	171.3	133.2
Promedio :	18.1	26.1	21.4	72.6				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	25.6	21.8	77.0	0.0	0.0	0.0	1.2
2	17.4	23.4	18.4	92.3	76.9	0.0	76.9	0.0
3	18.0	25.0	21.6	77.0	0.0	0.0	0.0	2.5
4	18.4	27.0	22.4	75.7	0.0	0.0	0.0	4.3
5	17.3	28.0	22.0	72.7	0.0	7.8	7.8	8.5
6	18.0	26.5	22.2	80.0	0.0	0.0	0.0	4.5
7	17.0	22.6	19.4	92.3	17.3	0.0	17.3	.9
8	16.8	23.5	19.5	91.7	11.2	80.6	91.8	4.2
9	16.6	23.0	19.7	94.3	.6	13.5	14.1	4.4
10	16.2	25.0	20.0	84.0	.7	0.0	.7	6.5
11	17.6	23.4	20.5	86.3	1.4	0.0	1.4	4.9
12	18.4	24.0	20.0	90.7	0.0	6.2	6.2	.6
13	18.0	23.8	19.8	89.0	1.4	.2	1.6	3.1
14	17.6	23.6	20.0	89.7	0.0	.1	.1	1.2
15	17.4	25.2	20.6	86.7	.8	0.0	.8	2.9
16	18.8	25.5	21.4	84.7	0.0	0.0	0.0	4.2
17	18.1	23.4	19.5	91.0	1.4	.1	1.5	1.3
18	17.5	25.0	20.8	84.3	.5	.5	1.0	2.3
19	18.2	25.6	20.2	92.3	16.6	41.7	58.3	3.5
20	17.4	25.0	19.8	93.3	.6	0.0	.6	4.0
21	18.5	24.1	20.2	87.3	0.0	0.0	0.0	1.5
22	17.6	23.0	20.0	91.0	2.3	0.0	2.3	1.7
23	18.2	28.0	22.7	76.0	.3	3.0	3.3	7.1
24	18.0	22.5	20.2	92.7	1.4	32.7	34.1	1.8
25	17.4	20.0	18.4	96.7	3.8	0.0	3.8	0.0
26	16.8	23.8	19.6	95.0	.1	3.6	3.7	1.0
27	18.5	22.5	19.7	95.0	.3	.2	.5	.3
28	17.5	23.6	20.0	87.7	11.7	0.0	11.7	.3
29	17.3	25.1	20.2	90.0	2.0	5.5	7.5	2.7
30	17.4	23.6	19.7	86.7	52.2	0.0	52.2	.8
31								
Total :					203.5	195.7	399.2	82.2
Promedio :	17.7	24.3	20.3	87.4				

Estación : MESITAS DE SANTA INES Dpto. : CUNDINAMARCA Latitud : 4 ° 43 ' N
Año : 2002 Mpio. : CACHIPAY Longitud : 74 ° 28 ' W
Altitud : 1250 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.1	22.7	20.3	88.7	0.0	0.0	0.0	1.1
2	17.5	25.0	20.8	79.7	1.0	0.0	1.0	5.0
3	17.6	26.6	21.3	79.3	0.0	0.0	0.0	6.5
4	18.8	27.4	21.8	69.0	0.0	0.0	0.0	9.2
5	19.0	26.6	21.9	70.3	0.0	0.0	0.0	7.6
6	18.6	25.0	21.8	75.7	0.0	0.0	0.0	8.5
7	19.0	26.4	21.8	82.3	0.0	.2	.2	6.4
8	18.5	26.4	21.3	83.0	0.0	0.0	0.0	4.5
9	18.4	26.6	21.7	77.7	0.0	0.0	0.0	5.0
10	18.6	28.0	23.8	69.0	0.0	0.0	0.0	7.7
11	19.4	25.0	21.6	77.7	0.0	0.0	0.0	3.1
12	18.5	27.7	23.5	65.7	0.0	0.0	0.0	7.5
13	18.6	24.6	21.2	83.7	.6	0.0	.6	3.4
14	19.0	26.1	22.2	79.0	0.0	0.0	0.0	1.9
15	19.6	27.8	22.8	78.7	0.0	0.0	0.0	4.2
16	19.8	27.5	22.3	85.0	0.0	0.0	0.0	2.5
17	19.5	27.0	21.8	79.7	.2	0.0	.2	2.4
18	18.6	23.6	20.9	90.3	8.2	0.0	8.2	1.6
19	18.5	26.0	21.3	74.0	0.0	0.0	0.0	5.0
20	18.0	26.8	22.5	80.7	0.0	0.0	0.0	7.9
21	17.8	22.5	19.2	97.0	0.0	0.0	0.0	.4
22	18.4	25.0	20.8	81.7	.2	.1	.3	1.2
23	18.2	21.6	19.3	87.7	1.4	0.0	1.4	0.0
24	18.8	27.6	22.2	71.7	0.0	1.7	1.7	8.5
25	19.4	25.0	21.2	88.3	4.8	6.4	11.2	3.5
26	18.2	23.6	20.0	94.0	3.2	5.5	8.7	4.3
27	17.2	23.2	20.2	93.7	22.0	2.9	24.9	.6
28	18.4	22.1	19.4	97.0	1.7	12.0	13.7	.4
29	17.0	21.8	19.0	95.0	4.4	.2	4.6	.5
30	17.6	23.0	18.8	97.3	11.4	1.8	13.2	1.1
31	18.0	22.7	18.2	98.7	2.7	.3	3.0	1.9
Total :					61.8	31.1	92.9	123.4
Promedio :	18.4	25.2	21.1	82.9				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	24.9	20.2	84.0	3.9	0.0	3.9	5.9
2	17.6	25.0	20.6	83.3	.5	0.0	.5	3.6
3	17.1	24.6	20.0	83.0	0.0	0.0	0.0	3.6
4	16.8	20.6	17.4	96.0	2.2	0.0	2.2	.6
5	16.7	24.1	20.1	88.3	0.0	0.0	0.0	2.2
6	17.6	21.4	19.2	93.7	0.0	24.8	24.8	.3
7	16.0	23.6	19.3	91.0	0.0	0.0	0.0	2.6
8	18.0	26.4	21.4	78.0	0.0	8.5	8.5	8.3
9	16.8	24.6	18.9	88.3	0.0	0.0	0.0	3.7
10	17.9	27.4	20.7	83.3	0.0	0.0	0.0	6.7
11	17.7	23.1	19.8	85.0	.3	0.0	.3	1.4
12	17.4	26.0	21.4	66.7	0.0	0.0	0.0	6.9
13	16.5	24.0	19.1	80.3	.4	0.0	.4	1.9
14	17.6	26.5	20.8	70.7	0.0	.3	.3	6.2
15	17.0	21.0	18.0	94.7	.8	0.0	.8	1.5
16	15.5	26.0	20.7	76.0	0.0	0.0	0.0	9.6
17	17.8	25.0	19.7	85.0	6.9	.3	7.2	4.0
18	17.0	25.5	20.2	76.0	0.0	0.0	0.0	7.9
19	17.4	25.6	21.3	72.0	0.0	0.0	0.0	7.9
20	17.7	24.1	20.2	83.7	0.0	0.0	0.0	3.8
21	16.5	23.6	20.6	76.7	0.0	.6	.6	3.7
22	17.0	24.6	20.0	84.3	.1	0.0	.1	2.0
23	16.5	23.6	20.6	73.0	0.0	0.0	0.0	2.1
24	16.6	26.0	21.5	72.7	0.0	0.0	0.0	6.7
25	17.0	25.0	20.0	81.0	0.0	0.0	0.0	4.9
26	16.6	25.5	21.2	74.7	0.0	0.0	0.0	8.8
27	17.0	26.0	21.8	75.7	0.0	0.0	0.0	5.1
28	18.8	25.6	22.2	71.7	.4	.8	1.2	3.9
29	18.6	23.0	20.0	94.7	5.9	0.0	5.9	.9
30	17.5	25.0	21.2	80.0	0.0	0.0	0.0	4.7
31								
Total :					21.4	35.3	56.7	131.4
Promedio :	17.2	24.6	20.3	81.5				

Estación : MESITAS DE SANTA INES Dpto. : CUNDINAMARCA Latitud : 4 ° 43 ' N
Año : 2002 Mpio. : CACHIPAY Longitud : 74 ° 28 ' W
Altitud : 1250 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	25.0	22.1	71.0	0.0	0.0	0.0	8.6
2	19.2	24.8	21.3	79.0	.2	0.0	.2	4.8
3	17.8	25.5	21.8	78.7	0.0	0.0	0.0	2.5
4	19.0	27.4	23.0	75.0	0.0	0.0	0.0	6.5
5	18.6	23.8	20.6	90.7	1.3	5.2	6.5	1.5
6	17.0	20.8	19.0	97.3	2.1	0.0	2.1	0.0
7	16.1	26.0	21.5	71.3	0.0	0.0	0.0	7.9
8	18.0	27.4	21.8	75.3	0.0	0.0	0.0	7.7
9	18.2	26.5	22.6	74.7	0.0	0.0	0.0	8.1
10	19.2	27.0	22.4	76.7	0.0	0.0	0.0	5.4
11	18.0	23.5	20.0	87.0	5.1	0.0	5.1	1.6
12	17.5	26.5	21.6	71.0	0.0	0.0	0.0	9.3
13	17.0	26.5	21.5	69.3	0.0	0.0	0.0	10.3
14	16.7	27.0	21.6	69.7	0.0	0.0	0.0	6.2
15	17.2	25.0	21.2	78.0	.3	0.0	.3	3.8
16	17.8	25.2	21.5	80.0	.4	0.0	.4	1.7
17	18.2	25.6	20.8	88.3	.9	4.0	4.9	4.0
18	17.8	22.5	20.0	79.7	0.0	0.0	0.0	.4
19	18.2	26.0	21.4	69.3	0.0	0.0	0.0	5.1
20	18.0	25.5	21.4	73.0	0.0	0.0	0.0	3.4
21	17.6	24.4	19.8	87.3	4.0	0.0	4.0	2.3
22	16.6	26.4	21.6	69.0	0.0	0.0	0.0	7.7
23	16.8	26.2	20.6	75.7	0.0	0.0	0.0	5.8
24	18.8	24.0	20.6	87.3	0.0	.6	.6	4.8
25	16.6	22.0	18.6	87.3	11.1	0.0	11.1	1.8
26	16.6	26.0	21.4	66.3	0.0	0.0	0.0	9.5
27	16.4	24.6	20.3	75.0	0.0	0.0	0.0	5.2
28	17.0	25.0	19.4	75.3	0.0	.2	.2	4.6
29	16.8	25.0	20.6	74.0	0.0	0.0	0.0	6.8
30	17.2	25.0	20.1	62.0	0.0	0.0	0.0	5.0
31	16.6	22.6	18.5	83.7	.2	.2	.4	1.2
Total :					25.6	10.2	35.8	153.5
Promedio :	17.6	25.1	20.9	77.4				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	25.0	20.6	73.3	0.0	0.0	0.0	6.1
2	17.8	27.0	22.2	60.7	0.0	0.0	0.0	7.6
3	16.2	24.1	20.2	70.3	0.0	0.0	0.0	1.3
4	16.0	25.0	20.8	76.3	0.0	1.5	1.5	3.6
5	17.0	26.8	21.2	66.0	0.0	0.0	0.0	6.3
6	16.2	27.0	22.6	59.3	0.0	0.0	0.0	6.3
7	18.0	26.1	21.9	70.7	0.0	0.0	0.0	6.8
8	17.8	26.0	21.0	76.3	0.0	.3	.3	4.9
9	17.0	22.5	20.2	79.7	0.0	0.0	0.0	1.9
10	18.4	26.0	21.2	58.3	0.0	0.0	0.0	3.3
11	17.0	24.6	20.5	69.7	0.0	0.0	0.0	5.2
12	17.2	26.4	22.8	64.0	0.0	0.0	0.0	7.8
13	17.8	25.4	22.0	70.0	0.0	0.0	0.0	4.8
14	17.5	25.6	22.0	70.3	0.0	0.0	0.0	5.0
15	17.8	26.4	21.5	77.0	.3	0.0	.3	5.6
16	17.6	26.7	22.2	70.3	0.0	0.0	0.0	9.0
17	17.4	26.4	22.4	65.3	0.0	0.0	0.0	4.2
18	18.0	27.5	23.0	59.3	0.0	0.0	0.0	7.5
19	17.9	26.2	22.2	65.7	0.0	.4	.4	4.8
20	18.6	25.6	21.6	78.7	0.0	0.0	0.0	1.5
21	18.4	28.0	23.5	64.0	0.0	0.0	0.0	5.0
22	19.4	27.1	22.5	65.7	0.0	0.0	0.0	5.2
23	18.8	25.0	21.4	79.7	0.0	0.0	0.0	1.6
24	17.4	28.8	24.3	58.3	0.0	0.0	0.0	8.5
25	18.4	28.5	23.3	72.3	0.0	.4	.4	6.1
26	19.8	25.1	22.2	77.7	0.0	0.0	0.0	.7
27	18.8	25.0	21.2	82.3	.7	0.0	.7	1.1
28	17.0	26.0	21.2	82.0	0.0	.4	.4	4.9
29	18.5	24.0	20.6	94.7	0.0	0.0	0.0	1.1
30	17.6	24.5	20.4	84.7	0.0	0.0	0.0	.3
31	17.5	26.6	21.3	82.0	0.0	0.0	0.0	5.2
Total :					1.0	3.0	4.0	143.2
Promedio :	17.7	26.0	21.7	71.8				

Estación : MESITAS DE SANTA INES Dpto. : CUNDINAMARCA Latitud : 4 ° 43 ' N
Año : 2002 Mpio. : CACHIPAY Longitud : 74 ° 28 ' W
Altitud : 1250 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	23.4	19.2	93.0	30.8	0.0	30.8	1.7
2	17.0	24.8	20.5	77.3	2.2	0.0	2.2	4.3
3	17.6	28.0	21.6	73.0	0.0	0.0	0.0	7.7
4	17.5	27.6	21.8	69.0	0.0	0.0	0.0	9.3
5	18.5	27.0	22.9	57.7	0.0	0.0	0.0	3.1
6	19.0	27.9	23.0	60.7	0.0	0.0	0.0	5.5
7	18.2	27.5	22.2	64.0	0.0	0.0	0.0	7.2
8	20.8	28.9	24.0	50.0	0.0	0.0	0.0	9.0
9	18.6	27.4	23.3	60.0	0.0	0.0	0.0	5.2
10	17.7	27.5	22.4	63.3	0.0	.1	.1	3.1
11	19.2	26.4	22.4	68.0	0.0	0.0	0.0	2.5
12	18.0	28.6	22.8	64.0	0.0	0.0	0.0	9.1
13	17.0	26.4	21.4	75.0	0.0	0.0	0.0	3.9
14	17.5	26.9	22.2	75.3	0.0	0.0	0.0	2.4
15	18.0	25.4	22.0	77.0	0.0	1.7	1.7	4.4
16	18.6	26.6	22.2	73.3	0.0	0.0	0.0	5.6
17	19.6	25.5	21.2	75.0	0.0	0.0	0.0	.1
18	16.6	26.1	21.0	74.7	0.0	0.0	0.0	5.3
19	15.6	25.6	20.6	79.3	22.9	5.7	28.6	3.9
20	17.7	26.1	21.5	78.0	0.0	0.0	0.0	6.3
21	16.6	27.8	22.2	68.7	.1	0.0	.1	8.7
22	18.5	29.6	23.8	48.0	0.0	0.0	0.0	9.9
23	19.5	27.6	21.3	83.3	2.0	0.0	2.0	3.8
24	18.2	26.9	22.3	78.7	0.0	3.2	3.2	3.4
25	17.6	26.1	20.6	89.7	.5	63.5	64.0	4.0
26	17.2	23.5	19.7	89.0	2.6	1.1	3.7	3.8
27	17.4	26.5	21.4	83.3	0.0	5.3	5.3	4.3
28	17.5	24.5	19.6	78.7	0.0	0.0	0.0	2.3
29	17.8	27.0	21.8	65.3	0.0	0.0	0.0	7.3
30	17.4	27.4	21.6	76.0	0.0	0.0	0.0	8.1
31								
Total :					61.1	80.6	141.7	155.2
Promedio :	18.0	26.7	21.8	72.3				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	27.6	22.0	73.7	0.0	0.0	0.0	6.6
2	16.5	27.2	22.9	67.0	0.0	0.0	0.0	8.3
3	18.8	27.4	22.5	60.7	0.0	0.0	0.0	5.6
4	19.0	28.9	23.7	57.3	0.0	0.0	0.0	9.9
5	20.0	28.0	23.5	55.0	0.0	0.0	0.0	8.3
6	17.0	28.3	22.6	66.0	0.0	0.0	0.0	7.8
7	19.2	27.0	23.0	62.7	0.0	0.0	0.0	5.2
8	17.2	23.5	19.4	93.0	36.1	0.0	36.1	3.8
9	17.5	26.5	21.4	78.7	.2	0.0	.2	3.4
10	18.0	27.6	23.0	63.0	0.0	0.0	0.0	7.8
11	19.5	26.0	21.8	70.0	.4	0.0	.4	2.1
12	19.0	25.0	21.2	75.3	0.0	.4	.4	4.1
13	16.9	27.6	22.4	62.7	0.0	0.0	0.0	7.9
14	16.7	28.0	23.0	68.0	0.0	0.0	0.0	7.0
15	17.8	26.0	20.0	89.0	6.5	.7	7.2	3.7
16	16.6	25.8	21.3	74.3	0.0	0.0	0.0	3.2
17	18.5	24.0	19.6	93.3	26.5	0.0	26.5	3.1
18	18.0	24.2	21.2	73.7	0.0	0.0	0.0	1.1
19	18.2	26.5	22.1	70.3	0.0	0.0	0.0	6.3
20	17.4	24.5	21.3	87.0	2.5	2.5	5.0	4.0
21	16.8	26.5	21.0	82.3	0.0	0.0	0.0	6.2
22	17.0	23.0	19.0	89.0	13.4	0.0	13.4	.6
23	17.4	24.0	20.0	91.7	5.3	.1	5.4	3.2
24	17.6	27.6	21.1	81.7	0.0	0.0	0.0	6.8
25	18.0	23.5	20.3	92.0	.8	.1	.9	2.2
26	18.5	24.0	20.7	96.0	2.5	11.2	13.7	3.0
27	17.0	22.6	19.7	89.7	1.8	1.6	3.4	2.0
28	16.8	26.0	20.4	79.7	.3	0.0	.3	7.6
29	18.2	24.5	19.9	91.7	14.3	4.3	18.6	1.6
30	17.4	23.0	19.7	96.0	1.2	0.0	1.2	.7
31	17.7	23.5	19.8	94.0	2.1	1.1	3.2	1.7
Total :					113.9	22.0	135.9	144.8
Promedio :	17.8	25.7	21.3	78.2				

Estación : MESITAS DE SANTA INES Dpto. : CUNDINAMARCA Latitud : 4 ° 43 ' N
Año : 2002 Mpio. : CACHIPAY Longitud : 74 ° 28 ' W
Altitud : 1250 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	24.0	21.0	79.7	0.0	0.0	0.0	4.9
2	17.4	21.6	19.6	86.7	0.0	0.0	0.0	.8
3	17.5	23.5	18.9	97.3	22.0	0.0	22.0	.3
4	16.5	24.0	21.0	86.0	0.0	1.1	1.1	4.9
5	17.4	24.5	19.5	83.0	1.0	0.0	1.0	1.5
6	17.2	22.5	20.2	92.0	7.2	4.4	11.6	4.5
7	16.2	22.9	19.0	87.0	.5	0.0	.5	.8
8	17.5	23.3	18.9	90.3	4.0	3.3	7.3	1.2
9	16.5	23.5	19.9	93.0	1.7	.4	2.1	1.7
10	17.0	24.6	20.2	88.0	0.0	0.0	0.0	6.3
11	16.5	25.0	20.7	74.7	0.0	0.0	0.0	4.4
12	17.6	23.9	21.0	82.7	0.0	0.0	0.0	5.3
13	16.6	22.0	19.0	92.7	15.3	0.0	15.3	1.0
14	17.0	23.5	19.5	91.0	7.1	0.0	7.1	3.7
15	17.5	25.8	21.4	71.0	0.0	0.0	0.0	6.6
16	18.2	25.5	21.6	71.3	0.0	0.0	0.0	5.6
17	17.0	25.7	21.1	75.3	0.0	0.0	0.0	5.9
18	16.0	24.0	18.8	94.0	17.8	0.0	17.8	5.4
19	16.8	25.0	20.2	89.3	0.0	0.0	0.0	3.7
20	16.2	26.7	21.2	76.7	0.0	0.0	0.0	8.6
21	18.5	24.8	20.2	84.7	5.3	0.0	5.3	4.0
22	18.0	26.0	21.4	72.3	0.0	0.0	0.0	8.6
23	17.0	25.6	20.5	70.3	0.0	0.0	0.0	7.0
24	17.5	24.0	19.8	84.3	.5	0.0	.5	3.2
25	17.2	27.0	22.4	70.7	0.0	0.0	0.0	8.5
26	19.2	26.4	22.2	82.3	0.0	0.0	0.0	4.1
27	19.4	26.8	21.4	89.0	.6	0.0	.6	3.5
28	18.6	26.5	22.6	77.3	0.0	0.0	0.0	6.2
29	17.6	26.4	21.8	76.0	0.0	0.0	0.0	3.8
30	16.8	26.0	22.8	76.7	0.0	0.0	0.0	6.6
31								
Total :					83.0	9.2	92.2	132.6
Promedio :	17.3	24.7	20.6	82.8				

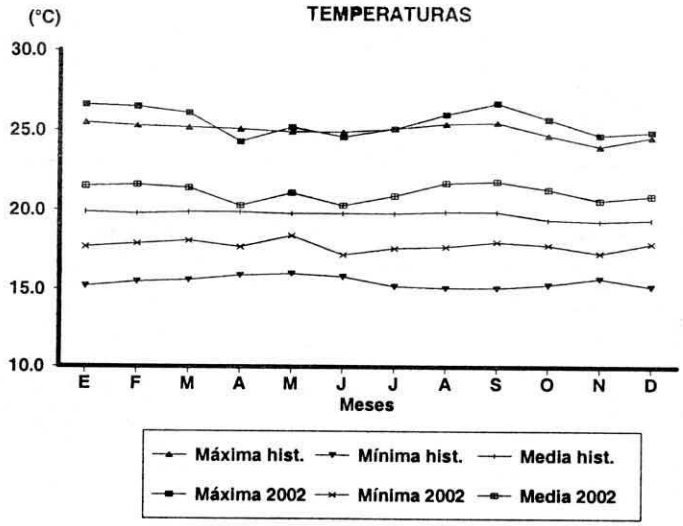
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.1	22.2	83.3	0.0	0.0	0.0	2.9
2	19.2	26.4	22.2	81.7	0.0	0.0	0.0	5.7
3	20.2	27.9	23.0	62.0	0.0	0.0	0.0	7.5
4	17.3	27.2	21.7	70.3	0.0	0.0	0.0	7.8
5	17.8	25.5	21.7	88.7	1.2	0.0	1.2	4.8
6	18.5	26.0	21.9	87.0	0.0	0.0	0.0	2.9
7	19.5	24.1	21.2	94.7	0.0	0.0	0.0	.9
8	19.0	26.0	21.8	87.3	19.5	.6	20.1	1.8
9	18.4	23.8	20.5	96.3	5.5	6.2	11.7	1.4
10	18.0	24.6	21.5	90.3	0.0	2.1	2.1	4.2
11	18.4	25.5	20.7	92.0	2.7	0.0	2.7	3.6
12	17.6	27.4	20.9	80.0	0.0	0.0	0.0	5.7
13	18.0	26.6	21.4	84.3	0.0	0.0	0.0	4.5
14	18.6	24.5	20.0	91.3	3.5	20.3	23.8	.7
15	18.0	21.5	19.4	97.0	12.0	1.1	13.1	0.0
16	18.0	22.5	20.1	96.3	3.0	3.9	6.9	0.0
17	17.6	20.0	18.3	97.3	.4	0.0	.4	0.0
18	18.0	21.8	19.2	92.3	0.0	0.0	0.0	.2
19	17.8	24.0	21.0	89.3	0.0	0.0	0.0	4.0
20	18.2	23.5	19.6	96.3	33.0	.7	33.7	2.8
21	17.5	22.0	19.3	93.0	0.0	0.0	0.0	1.0
22	15.8	26.5	21.3	79.0	0.0	0.0	0.0	9.5
23	16.6	26.1	21.2	83.7	0.0	0.0	0.0	8.9
24	17.4	25.6	21.1	78.0	0.0	0.0	0.0	6.6
25	17.0	27.5	22.0	76.7	0.0	0.0	0.0	9.5
26	17.2	25.5	21.1	85.7	0.0	0.0	0.0	6.3
27	17.5	24.0	20.2	92.7	0.0	0.0	0.0	4.1
28	16.4	25.6	20.8	84.3	0.0	0.0	0.0	6.6
29	18.5	23.5	20.5	92.0	0.0	11.9	11.9	2.3
30	18.4	25.0	20.6	86.3	0.0	0.0	0.0	4.8
31	17.9	27.4	21.2	78.7	0.0	0.0		6.6
Total :					80.8	46.8	127.6	127.6
Promedio :	17.9	24.9	20.9	86.7				

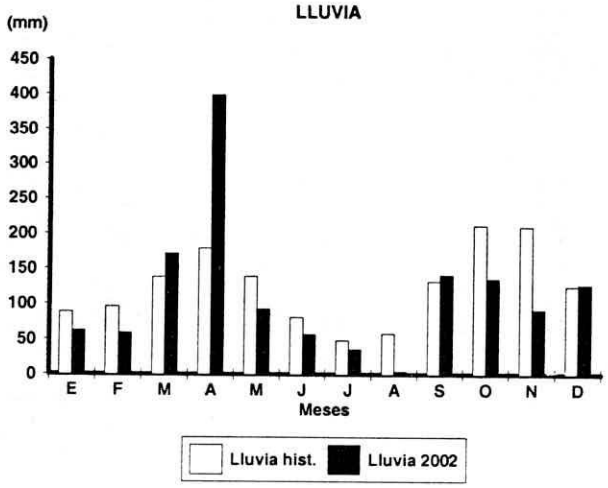
Estación : MESITAS DE SANTA INES
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : CACHIPAY

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	17.7	26.6	21.5	28.2	16.5	67.1	62.3	9	177.9
Febrero	17.9	26.5	21.6	29.0	16.5	71.0	59.0	14	132.7
Marzo	18.1	26.1	21.4	29.4	16.5	72.6	171.3	19	133.2
Abril	17.7	24.3	20.3	28.0	16.2	87.4	399.2	24	82.2
Mayo	18.4	25.2	21.1	28.0	17.0	82.9	92.9	15	123.4
Junio	17.2	24.6	20.3	27.4	15.5	81.4	56.7	14	131.4
Julio	17.6	25.1	20.9	27.4	16.1	77.4	35.8	12	153.5
Agosto	17.7	26.0	21.7	28.8	16.0	71.8	4.0	7	143.2
Septiembre	18.0	26.7	21.8	29.6	15.6	72.3	141.7	11	155.2
Octubre	17.8	25.7	21.3	28.9	16.5	78.2	135.9	16	144.8
Noviembre	17.3	24.7	20.6	27.0	16.0	82.8	92.2	13	132.6
Diciembre	17.9	24.9	20.9	27.9	15.8	86.7	127.6	11	127.6
Promedio :	17.8	25.5	21.1			77.6			
Absoluta :				29.6	15.5				
Total :							1378.6	165	1637.7





Estación : MISIONES
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.1	25.2	21.2	77.0	.7	0.0	.7	
2	17.6	25.5	21.2	76.3	0.0	0.0	0.0	
3	17.5	27.0	21.6	72.7	0.0	0.0	0.0	
4	17.4	25.5	20.8	77.0	0.0	0.0	0.0	
5	17.0	25.7	21.2	68.3	0.0	0.0	0.0	
6	18.0	25.4	21.1	69.7	0.0	0.0	0.0	
7	17.7	27.0	21.8	78.3	0.0	0.0	0.0	
8	17.5	25.5	20.2	82.0	2.6	.8	3.4	
9	17.4	26.4	20.9	76.0	0.0	0.0	0.0	
10	17.0	27.0	21.2	69.3	0.0	0.0	0.0	
11	17.2	26.0	21.3	73.7	0.0	0.0	0.0	
12	17.4	24.3	19.6	84.0	0.0	20.2	20.2	
13	16.6	23.2	19.1	87.3	18.0	0.0	18.0	
14	17.0	24.5	19.8	76.7	.8	0.0	.8	
15	17.6	24.5	20.0	80.3	0.0	.2	.2	
16	17.5	25.6	20.7	79.3	.4	0.0	.4	
17	17.6	25.8	21.5	71.0	0.0	0.0	0.0	
18	17.5	24.5	20.7	73.0	0.0	0.0	0.0	
19	18.0	24.2	20.4	70.3	0.0	0.0	0.0	
20	17.4	24.0	19.7	72.7	0.0	.2	.2	
21	17.5	24.6	19.7	86.0	2.3	5.1	7.4	
22	17.0	24.5	20.3	66.3	0.0	0.0	0.0	
23	18.5	25.6	21.6	61.7	0.0	0.0	0.0	
24	19.4	26.5	21.6	64.3	0.0	0.0	0.0	
25	19.0	25.5	21.5	63.3	0.0	0.0	0.0	
26	18.6	25.2	21.1	73.3	0.0	0.0	0.0	
27	18.4	25.0	21.8	66.0	0.0	0.0	0.0	
28	19.5	25.5	21.2	60.3	0.0	0.0	0.0	
29	19.5	27.2	22.0	60.3	0.0	0.0	0.0	
30	19.8	25.0	21.4	70.0	0.0	0.0	0.0	
31	19.0	24.5	20.8	85.0	0.0	.4	.4	
Total :					24.8	26.9	51.7	
Promedio :	17.9	25.4	20.9	73.3				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	26.0	21.5	76.0	0.0	0.0	0.0	
2	18.5	27.5	22.6	65.7	0.0	0.0	0.0	
3	19.0	25.0	20.8	76.7	.4	0.0	.4	
4	17.5	22.4	19.4	89.3	.2	0.0	.2	
5	17.6	28.5	20.8	76.3	0.0	0.0	0.0	
6	17.2	26.2	21.2	73.3	0.0	28.6	28.6	
7	17.4	25.4	20.0	77.0	1.9	0.0	1.9	
8	16.6	22.9	19.5	82.0	0.0	0.0	0.0	
9	17.0	23.0	19.5	80.7	.4	0.0	.4	
10	17.2	25.6	21.3	71.3	0.0	.9	.9	
11	18.0	24.5	20.8	75.7	0.0	0.0	0.0	
12	18.5	25.5	21.4	74.7	0.0	0.0	0.0	
13	17.6	25.0	20.9	74.0	0.0	0.0	0.0	
14	17.8	25.5	21.6	72.7	0.0	0.0	0.0	
15	17.5	23.6	20.8	77.3	0.0	0.0	0.0	
16	18.0	26.2	21.8	72.0	0.0	0.0	0.0	
17	18.2	26.0	21.6	75.7	0.0	0.0	0.0	
18	17.5	24.0	20.8	81.0	0.0	0.0	0.0	
19	18.0	23.8	20.7	79.0	0.0	0.0	0.0	
20	18.2	26.5	22.2	66.7	0.0	0.0	0.0	
21	19.0	27.4	22.4	60.3	0.0	0.0	0.0	
22	19.5	24.2	20.6	78.0	0.0	0.0	0.0	
23	19.0	24.0	20.1	83.7	0.0	0.0	0.0	
24	17.5	25.0	21.8	70.3	0.0	0.0	0.0	
25	19.0	27.2	22.6	58.3	0.0	0.0	0.0	
26	18.5	23.4	19.4	82.3	4.1	0.0	4.1	
27	18.0	24.5	20.0	88.3	4.3	1.3	5.6	
28	17.5	24.6	20.6	78.0	0.0	.2	.2	
29				78.0				
30				78.0				
31				78.0				
Total :					11.3	31.0	42.3	
Promedio :	18.0	25.1	21.0	75.8				

Estación : MISIONES
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	26.0	21.8	71.3	0.0	0.0	0.0	
2	18.5	26.3	21.7	63.3	0.0	0.0	0.0	
3	19.5	28.8	23.2	53.0	0.0	0.0	0.0	
4	18.2	27.5	22.5	65.7	0.0	0.0	0.0	
5	18.0	24.2	19.9	82.0	.2	0.0	.2	
6	17.5	27.0	21.8	66.7	0.0	2.7	2.7	
7	17.0	25.8	20.7	83.0	0.0	1.1	1.1	
8	18.0	25.5	22.0	71.3	.1	2.9	3.0	
9	18.2	27.4	21.8	60.3	.3	0.0	.3	
10	18.5	26.0	22.2	59.7	0.0	0.0	0.0	
11	18.4	24.0	20.8	76.3	0.0	0.0	0.0	
12	17.0	20.0	18.2	86.0	9.6	0.0	9.6	
13	17.2	25.6	21.3	63.3	0.0	0.0	0.0	
14	18.5	25.5	20.2	78.7	.9	.3	1.2	
15	17.2	23.5	19.6	82.7	0.0	0.0	0.0	
16	16.5	25.0	21.0	83.0	0.0	1.1	1.1	
17	17.0	23.0	19.0	89.0	.5	0.0	.5	
18	18.0	26.0	21.0	71.0	0.0	13.0	13.0	
19	16.8	23.5	19.5	85.3	3.5	10.9	14.4	
20	15.6	22.6	19.4	80.0	0.0	0.0	0.0	
21	16.5	20.0	17.7	89.0	5.4	0.0	5.4	
22	17.0	24.4	19.8	83.7	.5	0.0	.5	
23	17.2	22.0	19.5	91.3	17.0	0.0	17.0	
24	18.5	26.0	20.9	75.0	0.0	0.0	0.0	
25	18.0	26.5	21.0	77.0	0.0	0.0	0.0	
26	19.5	26.6	22.1	67.0	1.2	0.0	1.2	
27	20.0	23.5	20.7	82.3	0.0	.1	.1	
28	17.0	23.6	19.3	91.3	1.7	0.0	1.7	
29	16.5	20.0	18.0	87.0	28.8	0.0	28.8	
30	16.0	23.2	19.7	83.7	0.0	0.0	0.0	
31	18.6	26.0	21.7	68.0	0.0	1.0	1.0	
Total :					69.7	33.1	102.8	
Promedio :	17.7	24.7	20.6	76.4				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	24.4	21.2	75.7	0.0	0.0	0.0	
2	16.3	20.5	18.4	90.0	16.2	0.0	16.2	
3	17.5	24.5	20.3	75.0	1.0	0.0	1.0	
4	18.0	24.2	20.8	75.7	21.8	0.0	21.8	
5	17.6	27.0	21.1	74.3	0.0	0.0	0.0	
6	17.8	26.4	21.1	79.0	0.0	0.0	0.0	
7	15.2	21.0	18.4	93.7	39.8	0.0	39.8	
8	16.5	24.5	19.1	79.3	2.1	39.7	41.8	
9	15.5	23.0	18.7	86.7	0.0	12.1	12.1	
10	16.2	24.5	19.2	80.7	3.8	.1	3.9	
11	16.8	25.2	20.2	78.3	0.0	0.0	0.0	
12	17.0	22.4	19.2	89.7	0.0	5.7	5.7	
13	16.5	23.2	19.0	81.3	.8	0.0	.8	
14	17.0	22.5	18.8	82.3	.6	1.1	1.7	
15	17.2	23.6	19.6	82.0	0.0	0.0	0.0	
16	17.8	25.0	20.4	75.0	2.0	0.0	2.0	
17	18.5	23.0	20.3	73.3	0.0	0.0	0.0	
18	17.0	24.2	20.4	76.7	.6	0.0	.6	
19	17.6	24.5	19.7	88.0	0.0	25.2	25.2	
20	15.8	22.5	18.4	87.0	2.2	0.0	2.2	
21	17.6	22.4	19.0	83.3	.3	0.0	.3	
22	17.0	22.5	19.6	85.3	.2	0.0	.2	
23	18.0	26.5	22.0	68.0	0.0	.2	.2	
24	17.0	22.0	19.6	82.3	24.4	17.0	41.4	
25	16.2	19.0	17.8	86.3	10.2	0.0	10.2	
26	16.5	22.5	18.8	82.3	1.9	9.6	11.5	
27	17.0	22.0	18.9	90.3	3.2	0.0	3.2	
28	17.5	23.5	19.1	82.0	0.0	0.0	0.0	
29	17.0	23.6	19.8	89.7	12.0	0.0	12.0	
30	17.2	22.5	19.3	83.0	6.6	0.0	6.6	
31				75.7				
Total :					149.7	110.7	260.4	
Promedio :	17.0	23.4	19.6	81.7				

Estación : MISIONES
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	21.8	19.3	84.3	.3	0.0	.3	
2	17.2	23.0	19.3	80.3	2.6	0.0	2.6	
3	18.5	25.0	20.9	72.7	0.0	0.0	0.0	
4	19.0	26.4	21.8	77.7	0.0	0.0	0.0	
5	19.1	26.0	21.0	79.0	.2	0.0	.2	
6	19.0	25.6	21.4	68.7	0.0	0.0	0.0	
7	17.5	25.4	20.7	77.7	2.6	0.0	2.6	
8	17.6	25.2	21.0	79.3	0.0	0.0	0.0	
9	18.6	25.4	20.6	81.3	11.5	.1	11.6	
10	18.9	25.6	21.8	70.7	0.0	0.0	0.0	
11	18.5	23.0	20.4	79.3	0.0	0.0	0.0	
12	19.2	26.5	22.0	66.3	0.0	0.0	0.0	
13	17.4	24.0	20.4	83.3	.7	0.0	.7	
14	18.0	24.5	21.0	81.7	0.0	0.0	0.0	
15	18.4	25.0	21.0	86.0	0.0	.3	.3	
16	18.5	24.2	20.6	83.7	2.5	.2	2.7	
17	18.3	25.0	21.2	77.7	0.0	0.0	0.0	
18	18.0	22.4	19.6	89.3	5.0	0.0	5.0	
19	18.5	24.0	20.9	80.3	0.0	0.0	0.0	
20	19.0	25.0	21.7	80.3	0.0	0.0	0.0	
21	17.2	21.6	18.4	92.0	0.0	0.0	0.0	
22	17.5	23.5	20.4	81.7	0.0	6.3	6.3	
23	16.5	20.0	18.6	84.3	8.1	0.0	8.1	
24	18.2	26.2	22.3	72.3	0.0	0.0	0.0	
25	18.5	22.5	19.7	91.0	2.8	0.0	2.8	
26	16.0	21.6	18.8	90.0	.7	7.9	8.6	
27	16.5	22.6	19.4	87.3	1.0	.1	1.1	
28	16.0	19.5	17.5	94.0	29.9	20.4	50.3	
29	15.5	22.0	18.2	88.7	1.3	1.2	2.5	
30	16.0	20.4	17.9	93.7	3.4	1.5	4.9	
31	16.5	20.0	17.8	95.3	3.7	2.0	5.7	
Total :					76.3	40.0	116.3	
Promedio :	17.8	23.6	20.2	82.3				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	22.0	19.7	84.0	.7	0.0	.7	
2	16.5	24.0	19.5	77.7	3.2	0.0	3.2	
3	18.5	24.2	20.2	70.3	4.4	0.0	4.4	
4	16.0	17.8	17.0	84.3	7.3	0.0	7.3	
5	16.4	22.0	18.7	79.7	0.0	0.0	0.0	
6	16.5	20.0	18.0	88.7	2.9	18.0	20.9	
7	15.2	20.6	18.4	80.7	.4	0.0	.4	
8	17.6	25.0	20.0	83.0	.2	18.0	18.2	
9	15.6	23.5	18.6	89.3	0.0	.6	.6	
10	17.6	24.2	19.7	83.7	0.0	0.0	0.0	
11	16.4	20.2	18.5	83.7	1.0	0.0	1.0	
12	16.5	25.5	20.9	64.0	0.0	0.0	0.0	
13	16.2	24.0	18.4	81.0	.1	0.0	.1	
14	18.0	25.2	20.4	63.3	0.0	0.0	0.0	
15	16.6	20.2	17.5	89.3	3.0	0.0	3.0	
16	16.0	25.0	21.0	69.7	.5	0.0	.5	
17	16.8	24.0	19.6	77.0	.4	.6	1.0	
18	17.0	23.6	19.8	79.3	.3	0.0	.3	
19	17.1	24.0	20.4	71.3	0.0	0.0	0.0	
20	16.8	22.3	19.3	79.3	0.0	0.0	0.0	
21	16.5	22.0	19.4	74.7	.3	0.0	.3	
22	17.0	21.2	18.5	87.0	1.8	0.0	1.8	
23	15.6	23.0	18.5	78.7	0.0	0.0	0.0	
24	16.6	25.4	20.6	66.3	0.0	0.0	0.0	
25	17.4	23.5	19.1	83.3	.4	0.0	.4	
26	16.5	23.2	19.8	75.0	0.0	0.0	0.0	
27	17.5	24.0	21.1	67.7	0.0	0.0	0.0	
28	18.5	25.0	20.6	65.3	4.2	0.0	4.2	
29	18.5	21.5	19.8	77.3	.2	0.0	.2	
30	18.0	25.0	21.0	67.3	0.0	0.0	0.0	
31				70.3				
Total :					31.3	37.2	68.5	
Promedio :	16.8	23.0	19.5	77.2				

Estación : MISIONES
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

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

Julio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	24.9	20.8	66.0	0.0	0.0	0.0	
2	18.0	23.6	20.2	81.0	0.0	0.0	0.0	
3	17.5	25.0	21.6	68.7	0.0	0.0	0.0	
4	19.0	26.6	22.2	72.3	0.0	0.0	0.0	
5	18.0	23.0	19.5	83.3	8.0	5.3	13.3	
6	15.6	21.6	17.8	89.0	1.1	0.0	1.1	
7	17.5	26.5	21.6	61.7	0.0	0.0	0.0	
8	18.5	26.0	21.3	76.7	.5	0.0	.5	
9	18.6	25.0	21.4	73.7	0.0	0.0	0.0	
10	18.2	25.5	21.3	69.0	0.0	0.0	0.0	
11	18.4	22.5	19.5	81.7	2.4	0.0	2.4	
12	18.0	25.0	21.2	69.0	0.0	0.0	0.0	
13	16.6	24.5	21.0	66.0	0.0	0.0	0.0	
14	16.5	25.0	20.4	58.3	0.0	0.0	0.0	
15	18.5	26.0	20.8	67.3	0.0	1.0	1.0	
16	17.2	24.5	20.4	80.3	0.0	0.0	0.0	
17	18.5	25.0	20.2	78.3	2.5	7.6	10.1	
18	16.0	21.5	18.2	80.0	1.2	0.0	1.2	
19	17.0	24.6	20.3	66.0	0.0	0.0	0.0	
20	18.4	25.0	20.4	69.0	.6	0.0	.6	
21	18.0	21.2	19.0	81.7	.2	0.0	.2	
22	17.0	24.2	20.4	77.0	0.0	0.0	0.0	
23	18.0	24.5	20.6	78.7	0.0	0.0	0.0	
24	17.6	23.0	19.6	80.7	0.0	0.0	0.0	
25	17.0	21.4	18.3	81.7	2.9	0.0	2.9	
26	16.6	25.0	20.5	64.3	0.0	0.0	0.0	
27	16.5	25.5	19.8	69.3	0.0	0.0	0.0	
28	17.6	24.1	19.5	71.7	0.0	0.0	0.0	
29	16.5	24.5	19.8	71.0	0.0	0.0	0.0	
30	17.6	25.0	20.8	51.0	0.0	.8	.8	
31	14.5	22.3	17.8	83.0	.4	0.0	.4	
Total :					19.8	14.7	34.5	
Promedio :	17.4	24.3	20.2	73.1				

Agosto	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	24.0	19.1	75.0	0.0	0.0	0.0	
2	18.0	25.6	20.8	59.3	0.0	0.0	0.0	
3	16.5	22.5	19.3	65.0	0.0	0.0	0.0	
4	16.0	23.0	19.6	76.0	0.0	5.7	5.7	
5	16.5	25.0	21.2	67.7	.8	0.0	.8	
6	18.0	24.6	21.6	62.7	0.0	0.0	0.0	
7	17.5	25.5	20.2	70.7	0.0	0.0	0.0	
8	17.6	25.0	20.2	71.0	.4	1.7	2.1	
9	16.5	21.8	18.6	88.0	1.1	0.0	1.1	
10	17.1	24.2	19.8	59.7	0.0	0.0	0.0	
11	17.0	23.5	19.4	69.7	0.0	0.0	0.0	
12	16.5	25.5	20.6	66.7	0.0	0.0	0.0	
13	16.2	25.6	20.7	69.3	0.0	0.0	0.0	
14	17.5	24.6	20.9	69.7	0.0	0.0	0.0	
15	17.2	24.8	20.4	73.0	0.0	0.0	0.0	
16	17.8	26.0	20.8	68.3	0.0	0.0	0.0	
17	16.5	25.4	20.4	65.0	.4	0.0	.4	
18	17.0	27.0	21.5	56.7	0.0	0.0	0.0	
19	17.6	25.0	21.3	59.3	0.0	.2	.2	
20	18.0	24.6	20.6	78.0	2.0	0.0	2.0	
21	17.8	26.5	22.2	58.3	0.0	0.0	0.0	
22	18.5	26.0	21.2	64.7	0.0	0.0	0.0	
23	18.0	23.6	20.1	74.7	2.9	0.0	2.9	
24	17.4	26.1	22.0	59.3	0.0	0.0	0.0	
25	19.2	25.6	22.4	66.0	0.0	0.0	0.0	
26	19.5	24.0	20.2	74.0	3.1	0.0	3.1	
27	16.0	24.5	19.2	79.0	22.8	0.0	22.8	
28	17.0	24.8	21.0	74.0	0.0	.4	.4	
29	16.3	23.0	19.2	86.7	0.0	0.0	0.0	
30	17.0	23.0	19.8	79.7	0.0	0.0	0.0	
31	17.5	24.9	20.4	74.7	0.0	0.0	0.0	
Total :					33.5	8.0	41.5	
Promedio :	17.3	24.7	20.5	69.7				

Estación : MISIONES
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	21.4	18.8	83.3	18.3	0.0	18.3	
2	17.0	23.4	19.8	77.0	3.9	0.0	3.9	
3	17.2	26.0	21.0	70.0	0.0	.6	.6	
4	16.0	26.5	21.2	62.7	0.0	0.0	0.0	
5	18.6	26.0	21.5	58.7	0.0	0.0	0.0	
6	19.5	25.6	21.1	66.3	0.0	0.0	0.0	
7	19.4	27.0	21.7	57.7	0.0	0.0	0.0	
8	17.8	27.5	22.8	44.0	0.0	0.0	0.0	
9	19.2	25.0	22.0	61.3	0.0	0.0	0.0	
10	17.4	26.2	21.5	52.0	0.0	0.0	0.0	
11	18.0	25.5	21.2	67.7	0.0	0.0	0.0	
12	17.5	28.0	22.0	61.7	0.0	0.0	0.0	
13	18.5	24.0	21.0	72.7	0.0	0.0	0.0	
14	19.0	24.5	21.3	64.3	2.1	0.0	2.1	
15	18.5	25.0	21.3	76.7	0.0	0.0	0.0	
16	19.2	24.9	21.2	71.0	0.0	0.0	0.0	
17	19.0	22.4	19.8	79.3	0.0	0.0	0.0	
18	17.0	24.0	19.0	84.7	7.0	.5	7.5	
19	15.5	24.5	19.0	81.7	2.8	.6	3.4	
20	18.4	25.6	21.2	66.0	0.0	0.0	0.0	
21	18.3	27.0	22.1	67.3	0.0	0.0	0.0	
22	18.5	28.0	22.8	47.0	0.0	0.0	0.0	
23	19.0	26.5	21.6	65.7	2.1	0.0	2.1	
24	17.5	25.0	20.7	82.7	0.0	11.5	11.5	
25	17.0	23.6	19.6	87.0	5.5	31.9	37.4	
26	15.5	22.4	18.6	90.3	2.0	5.9	7.9	
27	16.6	25.5	19.8	86.7	0.0	22.0	22.0	
28	16.2	23.7	18.4	75.3	.5	0.0	.5	
29	18.4	26.0	21.0	61.7	0.0	0.0	0.0	
30	18.4	25.5	21.4	70.0	0.0	0.0	0.0	
31				70.0				
Total :					44.2	73.0	117.2	
Promedio :	17.8	25.2	20.8	69.8				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	26.2	21.5	70.7	0.0	0.0	0.0	
2	18.3	26.0	21.8	61.3	0.0	0.0	0.0	
3	18.6	26.2	21.6	63.0	0.0	0.0	0.0	
4	18.5	27.5	22.8	54.7	0.0	0.0	0.0	
5	19.0	27.8	22.5	53.7	0.0	.4	.4	
6	17.0	26.5	21.8	58.3	.3	0.0	.3	
7	19.0	26.0	21.1	63.7	1.2	0.0	1.2	
8	18.0	23.4	19.2	85.7	.8	.3	1.1	
9	17.4	24.5	19.7	82.0	.6	0.0	.6	
10	18.5	25.9	21.4	66.7	0.0	5.2	5.2	
11	16.0	25.0	20.4	60.7	12.7	0.0	12.7	
12	18.0	24.6	19.8	69.0	0.0	0.0	0.0	
13	17.5	26.0	21.0	55.7	0.0	0.0	0.0	
14	18.2	27.0	22.0	55.3	0.0	0.0	0.0	
15	15.5	24.5	18.2	83.3	44.1	2.4	46.5	
16	17.5	24.5	20.6	65.0	0.0	0.0	0.0	
17	18.0	22.4	19.0	76.7	3.1	0.0	3.1	
18	17.5	23.0	20.2	70.3	1.7	0.0	1.7	
19	18.5	25.0	20.8	70.3	0.0	0.0	0.0	
20	18.3	23.7	20.4	72.7	0.0	.6	.6	
21	16.0	24.6	19.4	79.3	0.0	0.0	0.0	
22	15.6	24.0	19.1	85.3	1.4	.1	1.5	
23	18.0	23.0	20.3	72.7	0.0	21.4	21.4	
24	16.0	26.2	19.8	73.3	8.3	5.2	13.5	
25	15.6	21.6	19.0	90.7	17.0	2.8	19.8	
26	17.5	24.0	20.0	84.7	.9	82.9	83.8	
27	16.0	21.5	18.6	87.0	3.6	0.0	3.6	
28	16.5	25.0	19.8	74.0	18.8	0.0	18.8	
29	17.2	22.4	18.6	89.7	11.7	3.8	15.5	
30	17.0	22.5	18.6	90.7	0.0	8.5	8.5	
31	16.7	22.2	18.6	87.3	2.4	0.0	2.4	
Total					128.6	133.6	262.2	
Promedio :	17.4	24.6	20.2	72.7				

Estación : MISIONES
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	23.0	19.2	82.7	0.0	0.0	0.0	
2	17.2	21.0	18.6	82.7	.9	0.0	.9	
3	17.0	22.0	18.0	92.7	.3	0.0	.3	
4	16.5	24.0	20.1	76.7	4.8	45.3	50.1	
5	16.0	23.2	19.4	83.3	2.4	0.0	2.4	
6	16.5	23.0	18.8	88.0	1.2	3.5	4.7	
7	16.0	21.0	18.2	79.7	.3	0.0	.3	
8	16.3	22.4	18.2	88.7	10.9	.8	11.7	
9	16.5	23.5	18.8	84.7	0.0	0.0	0.0	
10	17.0	24.0	20.1	78.3	0.0	0.0	0.0	
11	18.0	23.9	19.8	76.3	5.4	0.0	5.4	
12	18.4	24.0	20.2	65.0	0.0	0.0	0.0	
13	17.6	22.0	19.1	80.3	.7	0.0	.7	
14	16.0	23.0	19.3	78.3	9.6	1.4	11.0	
15	17.5	24.6	19.5	82.0	1.1	0.0	1.1	
16	18.5	25.5	20.4	73.3	0.0	0.0	0.0	
17	17.0	25.0	19.7	68.7	1.9	0.0	1.9	
18	17.5	23.4	19.4	84.7	.5	0.0	.5	
19	17.0	24.0	19.8	81.3	.4	0.0	.4	
20	17.8	25.4	20.6	74.0	0.0	2.5	2.5	
21	17.5	24.5	20.1	78.7	0.0	0.0	0.0	
22	18.5	25.6	20.6	74.7	0.0	0.0	0.0	
23	18.4	25.0	20.4	63.0	0.0	0.0	0.0	
24	17.5	23.0	20.2	76.7	0.0	0.0	0.0	
25	17.2	25.6	21.2	69.0	0.0	0.0	0.0	
26	19.4	25.0	21.4	77.0	0.0	0.0	0.0	
27	19.5	24.7	20.6	80.0	.6	0.0	.6	
28	19.0	25.5	21.3	69.0	0.0	0.0	0.0	
29	19.2	26.3	21.2	62.7	0.0	0.0	0.0	
30	19.0	26.5	21.9	67.0	0.0	0.0	0.0	
31				62.7				
Total :					41.0	53.5	94.5	
Promedio :	17.5	24.0	19.9	76.8				

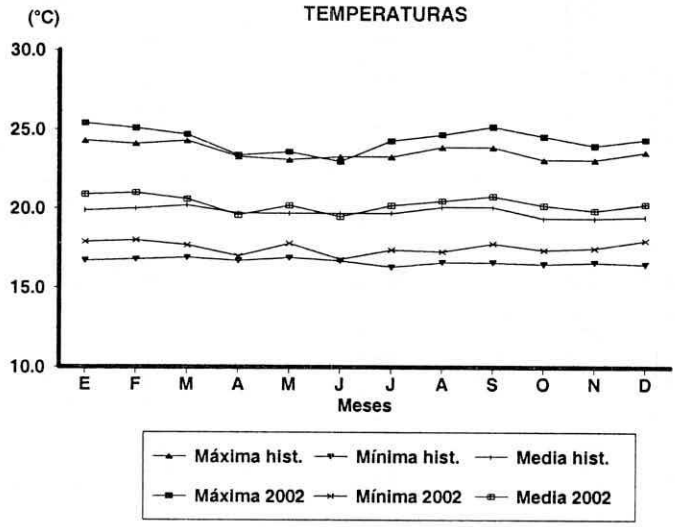
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	24.0	21.2	81.3	0.0	0.0	0.0	
2	19.1	26.0	21.7	71.7	0.0	0.0	0.0	
3	19.0	25.6	21.3	69.7	0.0	0.0	0.0	
4	19.2	27.5	21.6	63.0	0.0	0.0	0.0	
5	18.5	25.5	21.0	80.3	0.0	1.4	1.4	
6	18.2	24.9	20.6	79.0	0.0	0.0	0.0	
7	18.7	24.5	20.4	90.0	0.0	0.0	0.0	
8	18.0	25.2	21.2	82.0	0.0	29.4	29.4	
9	18.1	22.0	19.5	94.0	4.9	6.8	11.7	
10	17.6	25.5	20.6	82.7	0.0	18.1	18.1	
11	17.0	23.6	20.2	83.0	0.0	0.0	0.0	
12	18.0	25.5	21.1	74.7	0.0	0.0	0.0	
13	19.0	26.9	21.4	77.3	0.0	0.0	0.0	
14	19.2	22.5	19.8	84.3	.4	15.4	15.8	
15	17.5	20.5	18.6	90.0	11.1	.1	11.2	
16	17.0	21.5	18.9	89.7	.5	41.3	41.8	
17	16.2	19.0	17.1	90.3	3.8	0.0	3.8	
18	16.6	22.0	18.7	82.3	0.0	0.0	0.0	
19	17.5	24.4	20.1	76.0	0.0	0.0	0.0	
20	18.3	23.7	19.9	83.3	1.1	22.2	23.3	
21	16.0	22.0	19.0	80.3	0.0	0.0	0.0	
22	17.6	26.8	20.5	67.7	0.0	0.0	0.0	
23	18.2	26.0	20.5	69.3	0.0	0.0	0.0	
24	18.0	25.5	20.8	76.7	0.0	0.0	0.0	
25	18.1	28.0	21.5	63.0	2.4	0.0	2.4	
26	18.5	25.2	20.6	72.3	0.0	0.0	0.0	
27	18.0	23.5	19.9	77.3	0.0	0.0	0.0	
28	17.6	25.4	20.2	79.0	0.0	0.0	0.0	
29	17.5	24.4	19.8	87.3	7.0	15.0	22.0	
30	17.6	23.8	20.0	80.0	0.0	0.0	0.0	
31	18.0	25.9	21.8	68.3	0.0	0.0		
Total :					31.2	149.7	180.9	
Promedio :	18.0	24.4	20.3	78.9				

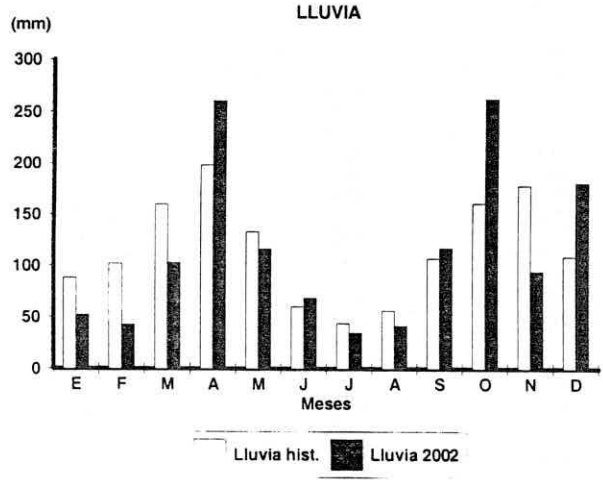
Estación : MISIONES
Año 2002

Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	17.9	25.4	20.9	27.2	16.6	73.3	51.7	10	
Febrero	18.0	25.1	21.0	28.5	16.6	75.6	42.3	9	
Marzo	17.7	24.7	20.6	28.8	15.6	76.4	102.8	19	
Abril	17.0	23.4	19.6	27.0	15.2	81.9	260.4	23	
Mayo	17.8	23.6	20.2	26.5	15.5	82.3	116.3	18	
Junio	16.8	23.0	19.5	25.5	15.2	77.4	68.5	19	
Julio	17.4	24.3	20.2	26.6	14.5	73.1	34.5	12	
Agosto	17.3	24.7	20.5	27.0	16.0	69.7	41.5	11	
Septiembre	17.8	25.2	20.8	28.0	15.5	69.8	117.2	12	
Octubre	17.4	24.6	20.2	27.8	15.5	72.7	262.2	21	
Noviembre	17.5	24.0	19.9	26.5	16.0	77.3	94.5	16	
Diciembre	18.0	24.4	20.3	28.0	16.0	78.9	180.9	11	
Promedio :	17.5	24.4	20.3			75.7			
Absoluta :				28.8	14.5				
Total :							1372.8	181	





Estación : GRANJA TIBACUY
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : TIBACUY

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	24.4	20.2	82.0	0.0	0.0	0.0	3.7
2	16.0	25.4	19.7	73.3	0.0	0.0	0.0	8.6
3	14.8	25.9	19.8	70.7	0.0	.1	.1	9.1
4	14.2	24.9	19.7	76.3	0.0	0.0	0.0	7.9
5	15.1	25.7	19.4	75.7	0.0	0.0	0.0	8.0
6	15.5	26.0	21.6	70.7	0.0	0.0	0.0	8.5
7	18.0	26.4	21.1	82.3	.7	10.9	11.6	6.0
8	15.4	25.4	20.0	84.0	3.6	0.0	3.6	6.9
9	15.0	25.7	20.7	80.7	.2	0.0	.2	7.6
10	14.8	25.9	20.5	76.7	0.0	1.6	1.6	8.4
11	16.0	25.2	20.0	73.3	0.0	0.0	0.0	6.2
12	15.4	24.6	20.1	76.3	0.0	2.2	2.2	4.3
13	17.0	24.5	20.1	81.3	0.0	0.0	0.0	5.6
14	15.5	24.8	19.7	78.3	0.0	0.0	0.0	5.0
15	15.4	25.2	19.8	71.7	0.0	0.0	0.0	7.9
16	14.4	27.0	20.2	73.0	0.0	0.0	0.0	8.7
17	15.0	26.9	20.0	69.0	0.0	0.0	0.0	8.7
18	14.0	25.4	20.0	74.7	0.0	0.0	0.0	7.0
19	15.8	26.5	19.9	69.3	0.0	0.0	0.0	7.0
20	14.5	26.0	20.2	70.3	0.0	0.0	0.0	6.1
21	16.4	26.5	19.8	78.0	0.0	.6	.6	5.0
22	16.4	24.6	19.8	76.7	0.0	0.0	0.0	2.8
23	16.2	26.4	20.8	70.3	0.0	0.0	0.0	4.8
24	16.4	26.2	21.1	68.7	0.0	0.0	0.0	3.7
25	15.8	27.6	21.3	65.3	0.0	0.0	0.0	6.9
26	16.0	26.0	20.5	74.0	0.0	0.0	0.0	1.5
27	15.5	27.0	19.8	70.7	0.0	0.0	0.0	7.7
28	16.4	25.8	20.7	71.7	0.0	0.0	0.0	1.5
29	18.0	27.2	21.0	65.3	0.0	0.0	0.0	4.9
30	17.2	26.8	21.3	71.7	0.0	0.0	0.0	3.1
31	17.5	26.5	20.0	75.0	0.0	0.0	0.0	4.5
Total :					4.5	15.4	19.9	187.6
Promedio :	15.8	25.9	20.3	74.1				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	27.2	20.8	72.7	0.0	0.0	0.0	5.9
2	16.0	28.5	21.6	63.7	0.0	0.0	0.0	0.0
3	17.2	26.0	20.4	73.7	11.8	.1	11.9	1.9
4	16.0	23.4	19.4	79.0	0.0	8.0	8.0	1.2
5	17.5	25.5	20.3	76.3	0.0	0.0	0.0	4.9
6	17.0	27.6	20.9	73.7	0.0	32.4	32.4	8.3
7	16.6	25.4	18.8	81.7	4.2	4.3	8.5	5.0
8	15.0	23.5	18.8	83.3	0.0	16.2	16.2	1.6
9	16.5	25.0	19.4	77.7	0.0	0.0	0.0	7.1
10	14.8	25.6	20.1	73.7	0.0	0.0	0.0	6.2
11	16.5	24.8	19.8	77.0	0.0	0.0	0.0	4.5
12	15.0	26.8	20.6	71.3	0.0	0.0	0.0	8.4
13	14.8	26.5	20.7	66.0	0.0	0.0	0.0	6.3
14	15.2	27.3	20.5	73.0	0.0	0.0	0.0	8.6
15	17.4	27.0	21.0	72.3	0.0	0.0	0.0	6.2
16	16.0	26.4	20.9	67.3	0.0	0.0	0.0	6.8
17	16.2	27.0	21.2	72.0	0.0	0.0	0.0	4.2
18	15.4	26.4	20.3	77.7	0.0	0.0	0.0	5.8
19	15.2	25.0	20.2	82.0	0.0	0.0	0.0	7.1
20	14.8	27.8	21.0	64.7	0.0	0.0	0.0	3.8
21	16.0	27.5	21.2	60.7	0.0	0.0	0.0	7.5
22	17.2	26.3	21.0	78.7	0.0	0.0	0.0	8.6
23	17.2	26.0	20.9	72.0	0.0	0.0	0.0	2.4
24	15.6	27.8	21.5	70.7	0.0	0.0	0.0	4.2
25	16.5	27.6	21.5	67.0	0.0	0.0	0.0	8.4
26	15.0	25.6	19.6	76.7	0.0	.2	.2	6.9
27	17.2	25.0	20.0	85.7	.9	2.3	3.2	5.6
28	16.4	25.4	20.4	78.3	0.0	0.0	0.0	2.7
29								
30								
31								
Total					16.9	63.5	80.4	150.1
Promedio	16.1	26.2	20.5	73.9				

Estación : GRANJA TIBACUY
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : TIBACUY

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	27.2	20.8	66.7	0.0	0.0	0.0	6.7
2	15.4	27.4	21.0	59.0	0.0	0.0	0.0	6.9
3	16.0	28.0	21.1	62.3	.4	0.0	.4	7.6
4	15.2	27.8	22.0	65.7	0.0	0.0	0.0	7.2
5	16.2	25.2	19.4	80.0	0.0	0.0	0.0	3.1
6	16.0	28.0	21.5	65.7	0.0	0.0	0.0	7.2
7	16.8	26.2	21.0	72.3	0.0	19.9	19.9	3.3
8	17.5	26.0	21.1	74.0	0.0	1.8	1.8	6.2
9	17.6	26.8	21.3	63.0	0.0	0.0	0.0	7.9
10	15.2	26.0	20.1	65.3	0.0	0.0	0.0	3.7
11	15.4	25.8	19.7	74.7	.1	0.0	.1	4.2
12	16.7	21.1	18.0	91.0	3.1	0.0	3.1	.2
13	15.2	27.7	21.3	62.3	0.0	0.0	0.0	7.8
14	17.5	26.4	20.2	74.3	2.3	0.0	2.3	4.3
15	16.2	23.5	19.8	78.0	0.0	0.0	0.0	.8
16	15.0	27.5	22.4	66.0	0.0	4.2	4.2	6.8
17	16.2	24.4	18.8	76.3	.7	.3	1.0	1.8
18	16.4	27.2	21.1	68.3	0.0	43.0	43.0	6.2
19	15.4	25.6	20.2	70.0	0.0	19.1	19.1	1.3
20	15.8	24.8	19.4	79.0	.1	0.0	.1	1.6
21	15.6	21.5	17.8	87.0	13.7	0.0	13.7	.6
22	15.2	24.2	19.3	84.7	.1	1.0	1.1	1.8
23	17.0	23.0	19.4	87.7	.8	.1	.9	2.2
24	15.8	26.5	20.4	74.7	1.4	0.0	1.4	8.2
25	15.6	26.6	20.8	75.3	0.0	0.0	0.0	4.7
26	16.7	26.9	22.0	68.3	0.0	0.0	0.0	5.2
27	17.4	24.8	20.4	79.7	.1	0.0	.1	.7
28	16.8	23.2	19.3	86.7	2.8	0.0	2.8	.9
29	17.2	20.4	18.4	91.0	49.4	0.0	49.4	0.0
30	15.0	24.8	19.8	73.7	0.0	0.0	0.0	7.3
31	16.5	25.8	21.1	64.7	0.0	0.0	0.0	5.5
Total :					75.0	89.4	164.4	131.9
Promedio :	16.2	25.5	20.3	73.8				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	24.8	21.2	77.3	0.0	0.0	0.0	.8
2	17.0	22.8	17.7	91.0	5.9	0.0	5.9	.2
3	15.2	25.8	20.6	78.3	0.0	0.0	0.0	6.9
4	17.4	26.2	20.0	78.3	.9	0.0	.9	6.6
5	15.5	26.9	20.8	73.3	0.0	0.0	0.0	8.1
6	17.4	25.7	20.2	76.7	0.0	.3	.3	4.4
7	15.8	23.6	17.6	92.7	6.3	0.0	6.3	1.4
8	15.0	24.2	18.5	83.3	16.9	53.2	70.1	4.7
9	15.4	23.4	18.4	89.3	0.0	4.5	4.5	3.1
10	15.0	24.8	18.8	83.3	.8	1.1	1.9	0.0
11	16.2	23.8	19.4	82.3	0.0	.9	.9	3.0
12	16.4	23.4	18.2	86.0	26.2	14.5	40.7	1.3
13	16.0	22.8	18.0	89.3	4.0	.9	4.9	.7
14	15.4	23.0	18.8	82.0	0.0	0.0	0.0	3.7
15	15.2	24.9	19.8	75.3	0.0	0.0	0.0	5.5
16	15.8	25.6	20.4	75.0	0.0	0.0	0.0	6.7
17	17.0	24.4	20.2	75.3	0.0	.1	.1	3.3
18	16.7	25.2	19.5	80.7	2.0	0.0	2.0	3.5
19	16.0	23.2	20.0	84.0	0.0	39.6	39.6	1.3
20	16.2	24.7	19.5	84.0	0.0	0.0	0.0	3.3
21	17.2	23.6	19.2	85.7	0.0	0.0	0.0	1.6
22	16.2	24.0	19.9	75.0	0.0	0.0	0.0	1.4
23	16.0	26.7	20.6	75.7	2.4	.8	3.2	4.6
24	16.8	23.0	19.8	87.7	.3	22.1	22.4	1.7
25	16.4	20.0	17.5	88.3	5.6	0.0	5.6	0.0
26	15.0	22.6	18.7	89.3	0.0	7.2	7.2	1.3
27	16.5	24.2	19.2	84.7	0.0	0.0	0.0	4.0
28	16.0	23.4	18.6	92.0	0.0	0.0	0.0	4.6
29	16.4	25.4	20.1	82.7	0.0	1.2	1.2	5.5
30	16.6	22.8	18.8	79.7	0.0	0.0	0.0	.9
31								
Total :					71.3	146.4	217.7	94.1
Promedio :	16.2	24.2	19.3	82.6				

Estación : GRANJA TIBACUY | Dpto. : CUNDINAMARCA | Latitud : 4 ° 22 ' N
Año : 2002 | Mpio. : TIBACUY | Longitud : 74 ° 26 ' W
Altitud : 1550 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	23.8	19.0	80.7	0.0	0.0	0.0	.7
2	15.8	24.8	19.7	83.7	.7	0.0	.7	3.2
3	15.4	26.4	20.0	73.0	0.0	0.0	0.0	4.7
4	15.6	27.5	20.8	76.0	0.0	0.0	0.0	7.9
5	17.0	26.6	20.9	76.7	0.0	0.0	0.0	5.6
6	17.5	26.8	21.0	74.3	0.0	0.0	0.0	5.1
7	17.4	26.4	20.8	73.7	0.0	0.0	0.0	7.1
8	16.8	26.0	20.5	76.7	0.0	0.0	0.0	2.7
9	15.9	25.8	20.7	75.7	3.2	0.0	3.2	5.5
10	16.4	27.5	21.4	70.3	0.0	0.0	0.0	7.0
11	17.4	25.0	20.2	77.3	0.0	0.0	0.0	1.7
12	16.4	27.9	21.8	61.3	0.0	.6	.6	5.2
13	16.5	26.0	20.3	74.0	0.0	0.0	0.0	5.3
14	15.8	25.8	20.7	78.3	0.0	0.0	0.0	1.4
15	18.0	26.8	21.2	78.0	.2	1.2	1.4	3.4
16	16.2	26.5	20.5	80.7	.6	0.0	.6	2.7
17	17.4	27.0	21.1	74.0	0.0	4.4	4.4	3.3
18	17.6	23.4	19.3	92.0	6.8	0.0	6.8	.5
19	16.4	25.9	20.6	71.0	0.0	0.0	0.0	5.7
20	16.2	26.2	20.8	71.3	0.0	0.0	0.0	6.5
21	16.9	22.8	18.8	83.3	0.0	0.0	0.0	.2
22	16.3	26.4	20.8	73.7	0.0	3.1	3.1	1.9
23	16.0	21.4	17.8	93.0	7.2	0.0	7.2	.7
24	16.2	27.4	21.6	58.3	0.0	0.0	0.0	8.7
25	17.5	23.8	19.7	87.0	0.0	12.4	12.4	2.3
26	16.2	23.9	18.6	85.0	0.0	.7	.7	2.6
27	16.8	24.5	18.7	87.7	13.5	23.8	37.3	2.1
28	16.5	20.2	17.6	92.7	19.6	12.2	31.8	0.0
29	16.0	21.0	18.2	89.0	4.3	5.2	9.5	1.9
30	16.2	22.8	18.0	91.0	1.7	3.9	5.6	.6
31	15.0	22.8	17.1	87.7	3.4	3.5	6.9	2.1
Total :					61.2	71.0	132.2	108.3
Promedio :	16.5	25.1	19.9	78.9				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	24.5	19.3	80.0	0.0	0.0	0.0	7.4
2	15.8	23.0	19.2	80.3	.1	.7	.8	2.2
3	16.0	24.0	18.4	80.3	.4	2.4	2.8	4.3
4	14.6	20.0	16.5	85.3	10.5	0.0	10.5	.7
5	13.8	22.9	19.4	76.0	0.0	.3	.3	1.0
6	16.0	22.4	18.0	92.0	.7	15.6	16.3	.6
7	15.0	24.2	18.8	78.0	0.0	0.0	0.0	2.2
8	15.2	24.6	19.7	81.0	0.0	18.0	18.0	5.8
9	14.4	23.6	17.9	79.3	0.0	.6	.6	2.8
10	15.4	25.8	19.5	77.7	0.0	1.6	1.6	7.5
11	15.8	21.2	18.4	84.3	0.0	0.0	0.0	.8
12	15.0	24.8	20.1	71.3	0.0	0.0	0.0	5.4
13	16.0	22.9	18.3	78.7	0.0	0.0	0.0	1.3
14	15.0	27.0	19.3	73.3	0.0	0.0	0.0	4.9
15	14.8	22.0	16.5	86.3	0.0	0.0	0.0	2.0
16	13.7	25.8	19.4	74.0	0.0	.6	.6	5.4
17	16.4	23.9	18.7	84.0	0.0	0.0	0.0	3.0
18	15.3	24.8	19.7	79.7	.3	0.0	.3	3.5
19	14.8	25.6	19.8	78.7	.4	0.0	.4	5.5
20	16.0	23.8	18.2	88.0	0.0	0.0	0.0	2.6
21	14.0	24.6	19.3	79.7	0.0	0.0	0.0	2.4
22	15.0	23.6	18.8	86.3	2.6	0.0	2.6	1.7
23	14.0	24.0	17.8	78.0	.7	0.0	.7	2.3
24	14.2	25.5	20.0	79.0	0.0	0.0	0.0	6.8
25	16.4	24.2	19.0	87.7	.7	0.0	.7	3.5
26	14.2	24.6	19.2	83.3	0.0	0.0	0.0	3.2
27	15.2	24.8	20.6	73.3	0.0	0.0	0.0	5.7
28	17.0	26.5	20.2	76.3	0.0	0.0	0.0	2.7
29	16.2	23.8	19.4	82.3	0.0	0.0	0.0	1.0
30	16.8	25.6	19.8	75.3	0.0	0.0	0.0	2.7
31								
Total					16.4	39.8	56.2	100.9
Promedio :	15.2	24.1	19.0	80.3				

Estación : GRANJA TIBACUY
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : TIBACUY

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	25.0	20.6	70.7	.3	0.0	.3	4.3
2	17.4	24.8	20.2	80.0	0.0	0.0	0.0	3.4
3	17.0	26.2	21.1	66.3	0.0	0.0	0.0	4.1
4	17.2	27.4	21.1	72.3	0.0	0.0	0.0	5.4
5	17.5	24.8	19.5	82.0	4.9	6.0	10.9	2.7
6	15.4	21.9	18.4	86.3	.1	0.0	.1	1.2
7	14.8	26.5	21.1	64.7	0.0	0.0	0.0	8.6
8	16.8	26.2	20.9	72.0	0.0	0.0	0.0	7.2
9	15.2	27.4	20.3	68.3	0.0	0.0	0.0	6.5
10	17.0	26.8	21.0	71.0	0.0	0.0	0.0	3.9
11	16.8	24.5	19.6	74.3	.5	0.0	.5	2.1
12	15.2	27.2	21.6	68.0	0.0	0.0	0.0	9.1
13	15.0	26.8	19.7	70.0	0.0	0.0	0.0	6.7
14	14.2	27.3	20.6	61.7	0.0	0.0	0.0	5.3
15	15.2	27.8	20.4	69.3	0.0	7.2	7.2	4.8
16	15.8	26.4	20.1	73.7	1.0	.4	1.4	2.1
17	15.6	26.5	19.3	82.0	7.4	0.0	7.4	4.2
18	16.4	22.4	18.6	84.7	0.0	0.0	0.0	.9
19	15.7	25.5	20.0	71.3	0.0	0.0	0.0	6.3
20	15.8	25.2	19.6	74.0	0.0	0.0	0.0	2.9
21	16.0	25.4	19.0	76.7	.2	0.0	.2	3.9
22	15.2	26.3	21.0	73.3	0.0	0.0	0.0	8.0
23	15.4	26.6	20.7	72.3	0.0	.4	.4	5.3
24	16.4	24.2	19.4	81.7	0.0	.4	.4	3.1
25	16.2	22.4	19.0	80.0	0.0	0.0	0.0	.7
26	14.0	25.8	21.0	64.7	0.0	0.0	0.0	5.7
27	14.9	25.2	19.8	71.0	0.0	0.0	0.0	3.0
28	15.2	24.8	19.6	62.7	0.0	.4	.4	2.8
29	15.2	25.6	18.4	71.3	0.0	0.0	0.0	4.5
30	14.8	26.8	19.2	63.0	1.2	7.1	8.3	4.1
31	13.8	22.5	16.8	87.0	1.1	0.0	1.1	1.4
Total :					16.7	21.9	38.6	134.2
Promedio :	15.7	25.6	19.9	73.1				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	24.8	19.1	70.7	0.0	0.0	0.0	4.0
2	14.8	27.4	20.4	60.3	0.0	0.0	0.0	7.7
3	14.0	23.9	18.5	67.3	1.0	0.0	1.0	1.3
4	13.8	24.8	19.0	71.7	0.0	0.0	0.0	5.6
5	15.5	27.2	21.4	63.0	0.0	0.0	0.0	8.7
6	14.8	26.6	20.1	67.0	0.0	0.0	0.0	6.6
7	15.8	26.9	20.7	67.0	0.0	0.0	0.0	5.0
8	16.0	26.4	19.2	75.0	.8	1.6	2.4	3.2
9	15.4	24.0	19.2	73.3	0.0	0.0	0.0	3.3
10	16.4	26.6	19.6	60.7	0.0	0.0	0.0	3.1
11	15.0	24.0	19.5	68.0	0.0	0.0	0.0	3.2
12	14.8	25.6	20.1	68.3	0.0	0.0	0.0	2.5
13	16.0	26.8	20.5	63.3	0.0	0.0	0.0	4.8
14	16.5	27.3	20.2	67.0	0.0	0.0	0.0	3.0
15	15.2	27.2	20.2	72.0	0.0	0.0	0.0	5.4
16	15.8	25.7	20.2	69.0	0.0	0.0	0.0	5.8
17	16.2	25.8	20.6	64.3	0.0	0.0	0.0	3.7
18	14.8	27.9	20.6	61.0	0.0	0.0	0.0	5.9
19	16.0	26.2	20.7	64.7	0.0	3.5	3.5	3.7
20	16.7	24.8	19.9	72.3	0.0	0.0	0.0	4.1
21	15.2	28.5	21.5	60.0	0.0	0.0	0.0	6.5
22	15.4	26.4	21.1	61.0	0.0	0.0	0.0	3.5
23	16.0	25.8	20.8	68.0	0.0	0.0	0.0	4.1
24	15.0	28.8	22.0	58.3	0.0	0.0	0.0	5.6
25	16.2	28.2	21.4	66.7	0.0	5.2	5.2	5.2
26	16.5	24.8	19.8	77.0	0.0	0.0	0.0	1.2
27	15.8	24.7	19.7	68.3	0.0	0.0	0.0	2.1
28	15.4	27.0	21.0	64.0	0.0	0.0	0.0	5.3
29	15.6	24.6	19.0	75.0	0.0	0.0	0.0	.7
30	15.8	24.0	19.3	77.3	0.0	0.0	0.0	.4
31	14.8	24.8	19.6	74.7	0.0	.9	.9	2.5
Total :					1.8	11.2	13.0	127.7
Promedio :	15.5	26.0	20.2	67.6				

Estación : GRANJA TIBACUY
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : TIBACUY

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

Septiembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	24.8	18.4	83.3	12.8	0.0	12.8	3.1
2	14.8	24.2	19.6	72.7	1.1	0.0	1.1	3.1
3	15.8	27.4	20.1	62.3	0.0	1.7	1.7	7.0
4	14.2	27.8	20.1	63.3	0.0	0.0	0.0	9.2
5	14.9	28.4	20.6	61.7	0.0	0.0	0.0	3.5
6	15.6	27.2	20.6	66.7	0.0	0.0	0.0	4.4
7	15.4	26.7	20.8	65.0	0.0	0.0	0.0	5.7
8	15.0	28.0	21.1	51.0	0.0	0.0	0.0	9.8
9	16.3	27.0	21.6	62.0	0.0	0.0	0.0	6.1
10	14.8	25.9	20.7	63.7	1.1	0.0	1.1	1.1
11	16.4	25.2	20.4	63.3	0.0	0.0	0.0	3.1
12	15.4	29.0	22.2	55.0	0.0	0.0	0.0	6.9
13	16.2	27.0	21.0	68.0	0.0	0.0	0.0	4.0
14	16.0	25.8	21.0	64.0	2.4	4.2	6.6	1.7
15	15.6	26.8	21.0	64.0	0.0	0.0	0.0	4.1
16	17.5	26.4	20.1	68.7	0.0	0.0	0.0	4.6
17	16.4	24.6	19.5	77.3	0.0	0.0	0.0	0.0
18	14.5	25.4	20.5	72.0	0.0	18.2	18.2	2.4
19	15.6	24.5	18.5	80.3	1.7	0.0	1.7	3.3
20	16.2	26.2	20.8	62.0	0.0	0.0	0.0	5.7
21	15.2	27.5	21.2	59.7	0.0	0.0	0.0	8.4
22	14.8	27.8	21.4	56.0	0.0	4.8	4.8	8.9
23	16.5	27.5	21.8	61.3	0.0	0.0	0.0	7.4
24	15.2	25.2	20.8	61.3	0.0	0.0	0.0	3.8
25	16.8	24.5	19.2	80.0	0.0	38.0	38.0	3.3
26	16.2	24.8	19.4	79.7	1.7	23.1	24.8	3.9
27	16.0	25.9	20.8	77.0	2.1	3.5	5.6	6.1
28	16.1	22.0	17.5	87.3	0.0	0.0	0.0	1.2
29	15.2	25.8	20.2	63.0	0.0	0.0	0.0	5.8
30	15.8	26.7	20.7	57.0	0.0	0.0	0.0	8.7
31								
Total :					22.9	93.5	116.4	146.3
Promedio :	15.7	26.2	20.4	67.0				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	26.7	20.6	61.3	0.0	0.0	0.0	5.3
2	15.2	26.8	20.9	64.0	0.0	0.0	0.0	8.2
3	15.4	26.5	20.7	65.7	0.0	0.0	0.0	5.4
4	15.0	28.5	21.5	62.3	0.0	0.0	0.0	9.7
5	15.5	27.0	21.6	58.7	0.0	4.8	4.8	5.6
6	14.8	26.8	20.4	66.7	0.0	0.0	0.0	5.8
7	16.4	27.2	21.0	62.3	0.0	0.0	0.0	5.0
8	17.0	24.4	19.6	74.0	0.0	0.0	0.0	2.0
9	17.2	25.9	20.0	73.7	39.0	0.0	39.0	4.5
10	16.0	26.8	20.8	70.0	0.0	0.0	0.0	6.5
11	17.5	26.4	20.6	65.0	0.0	0.0	0.0	3.7
12	16.6	26.7	20.0	68.3	0.0	0.0	0.0	3.6
13	16.8	27.0	20.4	63.3	0.0	0.0	0.0	6.7
14	14.0	28.3	22.4	50.0	0.0	0.0	0.0	3.8
15	16.4	25.8	20.7	76.7	3.1	3.3	6.4	7.9
16	15.4	24.8	19.9	66.0	0.0	0.0	0.0	3.8
17	16.8	26.8	19.3	75.3	.1	0.0	.1	7.5
18	15.8	25.4	20.4	71.7	4.1	0.0	4.1	2.8
19	17.0	26.7	20.3	65.0	0.0	0.0	0.0	7.2
20	15.4	26.4	19.9	76.0	3.5	2.1	5.6	7.2
21	15.8	26.0	19.8	68.3	0.0	0.0	0.0	0.0
22	16.2	22.8	18.4	79.7	0.0	4.0	4.0	.7
23	14.6	23.6	19.2	74.3	.2	7.4	7.6	3.0
24	16.2	25.6	20.4	75.7	2.0	0.0	2.0	6.2
25	16.4	25.4	20.4	84.0	0.0	7.0	7.0	6.5
26	15.8	24.8	18.9	88.7	15.4	9.1	24.5	3.6
27	15.9	23.2	19.0	83.7	3.6	.6	4.2	3.3
28	14.4	24.5	19.8	73.3	.5	.1	.6	6.5
29	14.8	23.4	19.2	84.3	15.1	2.7	17.8	2.2
30	15.0	22.2	18.2	86.0	4.7	3.9	8.6	.8
31	15.2	23.4	19.2	85.0	0.0	0.0	0.0	2.0
Total :					91.3	45.0	136.3	147.0
Promedio :	15.8	25.7	20.1	71.6				

Estación : GRANJA TIBACUY
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : TIBACUY

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	23.8	19.2	71.0	0.0	0.0	0.0	3.5
2	14.8	22.8	19.0	80.7	0.0	0.0	0.0	2.5
3	16.0	23.2	19.6	73.7	0.0	0.0	0.0	3.6
4	15.4	24.9	21.6	64.3	0.0	12.6	12.6	4.5
5	15.2	24.6	18.7	79.7	0.0	0.0	0.0	4.2
6	15.4	23.8	19.4	74.7	0.0	9.7	9.7	4.4
7	15.5	23.4	19.1	73.7	0.0	0.0	0.0	2.0
8	15.8	21.4	18.5	84.7	0.0	2.8	2.8	.1
9	15.0	23.3	19.8	80.3	.7	0.0	.7	5.5
10	15.8	25.4	19.5	76.3	0.0	0.0	0.0	6.5
11	16.0	24.0	19.0	77.0	0.0	0.0	0.0	1.5
12	15.2	23.4	19.2	74.0	.1	0.0	.1	1.6
13	15.0	23.9	18.4	85.7	.1	0.0	.1	2.4
14	15.8	24.6	19.0	74.3	0.0	0.0	0.0	4.8
15	15.8	25.8	20.2	68.7	0.0	0.0	0.0	6.6
16	16.0	25.0	19.8	74.7	0.0	0.0	0.0	5.6
17	15.3	24.6	19.8	62.3	0.0	0.0	0.0	2.9
18	14.5	24.9	19.0	76.0	10.4	0.0	10.4	3.9
19	14.6	24.8	19.3	74.3	0.0	0.0	0.0	9.2
20	15.8	25.6	20.5	77.3	0.0	0.0	0.0	6.1
21	16.8	24.4	19.7	79.3	0.0	0.0	0.0	2.6
22	15.0	26.4	20.3	74.0	0.0	.5	.5	7.0
23	15.2	25.4	19.2	72.3	0.0	0.0	0.0	0.0
24	14.8	24.2	20.2	63.7	0.0	0.0	0.0	5.0
25	15.5	27.0	20.5	66.7	0.0	0.0	0.0	7.1
26	16.0	27.2	21.8	66.3	0.0	0.0	0.0	7.5
27	16.8	25.4	21.0	78.3	0.0	0.0	0.0	5.5
28	16.4	27.0	21.0	63.7	.3	0.0	.3	6.4
29	16.4	25.2	20.5	71.0	0.0	0.0	0.0	4.6
30	15.0	27.2	21.9	63.0	0.0	0.0	0.0	7.5
31								
Total :					11.6	25.6	37.2	134.6
Promedio :	15.5	24.8	19.8	73.4				

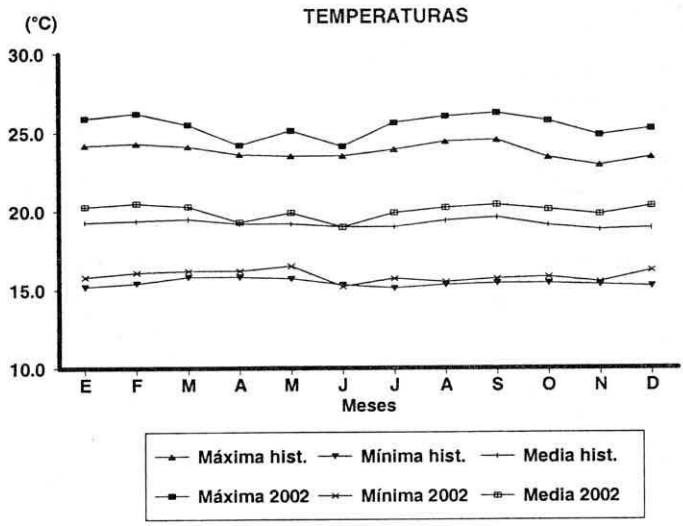
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	27.2	22.3	57.0	0.0	0.0	0.0	7.5
2	15.8	27.6	22.1	59.7	0.0	0.0	0.0	8.3
3	15.2	27.5	21.3	64.0	0.0	0.0	0.0	3.7
4	16.5	27.6	22.0	62.3	0.0	0.0	0.0	7.4
5	16.4	27.2	21.5	67.3	12.0	3.1	15.1	7.4
6	16.2	26.5	20.8	66.3	0.0	0.0	0.0	4.2
7	16.6	26.0	20.9	73.7	.5	0.0	.5	5.1
8	15.9	25.0	19.8	81.3	8.6	1.8	10.4	1.8
9	17.0	24.4	20.0	84.0	1.8	9.6	11.4	1.1
10	16.6	26.0	20.8	80.0	0.0	16.9	16.9	6.5
11	17.2	25.0	19.4	82.7	0.0	0.0	0.0	3.2
12	16.8	26.6	22.0	66.7	0.0	0.0	0.0	9.4
13	17.6	26.3	21.2	64.0	0.0	10.0	10.0	5.4
14	17.5	25.3	20.0	90.7	0.0	13.5	13.5	3.0
15	17.2	20.0	18.2	93.0	16.6	0.0	16.6	0.0
16	16.5	22.5	19.0	90.0	1.0	19.3	20.3	.6
17	16.0	20.2	17.2	88.7	1.2	.3	1.5	0.0
18	16.2	21.8	18.4	88.7	.4	0.0	.4	.2
19	16.4	24.6	20.2	75.0	.2	0.0	.2	3.6
20	16.5	24.8	19.6	87.3	0.0	16.0	16.0	3.7
21	17.4	23.7	18.8	85.3	0.0	0.0	0.0	4.0
22	14.6	25.6	20.4	63.0	0.0	0.0	0.0	8.8
23	15.0	25.8	21.0	60.7	0.0	0.0	0.0	8.8
24	15.2	25.4	20.0	75.0	0.0	0.0	0.0	6.4
25	15.4	26.7	20.6	68.0	0.0	0.0	0.0	6.9
26	15.6	25.8	21.5	73.3	0.0	0.0	0.0	8.8
27	15.4	24.9	19.9	72.3	0.0	0.0	0.0	6.9
28	14.0	25.2	20.4	68.3	0.0	0.0	0.0	6.9
29	15.0	25.6	20.0	83.3	0.0	0.0	0.0	6.4
30	17.4	24.4	20.2	82.3	0.0	0.0	0.0	4.0
31	15.6	25.8	20.0	75.3	0.0	0.0		8.6
Total :					42.3	90.5	132.8	158.6
Promedio :	16.2	25.2	20.3	75.1				

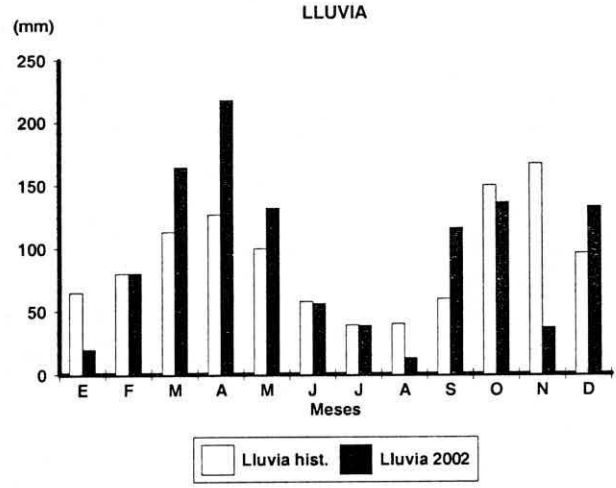
Estación : GRANJA TIBACUY
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : TIBACUY

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	15.8	25.9	20.3	27.6	14.0	74.1	19.9	7	187.6
Febrero	16.1	26.2	20.5	28.5	14.8	73.9	80.4	7	150.1
Marzo	16.2	25.5	20.3	28.0	15.0	73.8	164.4	18	131.9
Abril	16.2	24.2	19.3	26.9	15.0	82.6	217.7	18	94.1
Mayo	16.5	25.1	19.9	27.9	15.0	78.9	132.2	16	108.3
Junio	15.2	24.1	19.0	27.0	13.7	80.3	56.2	14	100.9
Julio	15.7	25.6	19.9	27.8	13.8	73.1	38.6	13	134.2
Agosto	15.5	26.0	20.2	28.8	13.8	67.6	13.0	5	127.7
Septiembre	15.7	26.2	20.4	29.0	14.2	67.0	116.4	11	146.3
Octubre	15.8	25.7	20.1	28.5	14.0	71.6	136.3	15	147.0
Noviembre	15.5	24.8	19.8	27.2	14.5	73.4	37.2	9	134.6
Diciembre	16.2	25.2	20.3	27.6	14.0	75.1	132.8	13	158.6
Promedio :	15.9	25.4	20.0			74.3			
Absoluta :				29.0	13.7				
Total :							1145.1	146	1621.3





Estación : JORGE VILLAMIL
Año : 2002

Dpto. : HUILA
Mpio. : GIGANTE

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	26.0	21.4	78.7	0.0	0.0	0.0	9.2
2	16.2	27.6	20.6	80.3	0.0	0.0	0.0	6.1
3	16.5	26.8	20.6	79.0	0.0	1.4	1.4	5.6
4	17.2	26.0	20.6	78.0	0.0	0.0	0.0	8.4
5	15.8	26.2	20.9	72.3	0.0	0.0	0.0	6.6
6	16.6	26.4	21.6	77.7	0.0	.3	.3	9.7
7	18.0	26.0	20.9	78.3	1.9	2.2	4.1	3.3
8	16.8	25.8	21.0	80.3	0.0	.3	.3	7.9
9	17.6	25.0	20.6	80.3	0.0	.6	.6	6.8
10	17.0	26.2	21.0	74.7	0.0	0.0	0.0	8.6
11	16.8	26.0	21.2	76.0	0.0	41.9	41.9	7.4
12	17.0	22.0	19.4	89.0	6.5	0.0	6.5	.6
13	16.6	26.4	21.6	73.3	1.0	0.0	1.0	6.4
14	15.6	26.8	19.4	74.0	11.8	0.0	11.8	7.1
15	15.6	26.4	20.5	70.7	0.0	0.0	0.0	6.7
16	15.8	26.6	20.8	72.0	0.0	0.0	0.0	7.7
17	16.6	28.4	21.8	66.3	0.0	0.0	0.0	7.1
18	15.6	26.9	20.4	57.7	0.0	0.0	0.0	8.9
19	16.0	29.6	21.6	60.3	0.0	0.0	0.0	8.6
20	15.6	28.0	21.8	57.3	0.0	0.0	0.0	7.4
21	17.0	27.6	20.8	77.0	1.1	0.0	1.1	4.5
22	16.0	25.8	20.4	67.0	0.0	0.0	0.0	2.7
23	15.8	24.9	20.6	66.3	0.0	.1	.1	1.2
24	16.8	27.6	21.1	73.7	.8	0.0	.8	4.1
25	17.0	28.0	22.0	68.3	0.0	0.0	0.0	2.7
26	16.4	26.4	20.6	71.0	0.0	0.0	0.0	1.6
27	18.2	28.6	21.6	65.0	0.0	0.0	0.0	2.8
28	17.8	25.0	21.1	64.7	0.0	0.0	0.0	.2
29	18.6	25.6	21.6	65.7	0.0	0.0	0.0	1.4
30	18.0	25.2	20.4	75.0	0.0	0.0	0.0	1.9
31	18.4	25.0	21.1	72.0	0.0	.2	.2	.4
Total :					23.1	47.0	70.1	163.6
Promedio :	16.8	26.4	20.9	72.3				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	25.4	20.4	76.0	0.0	0.0	0.0	.3
2	16.8	27.4	21.8	66.7	0.0	0.0	0.0	2.4
3	17.4	25.0	18.5	85.3	5.2	0.0	5.2	.6
4	15.4	27.0	20.6	76.3	.2	.3	.5	6.9
5	17.4	26.5	21.3	74.3	0.0	0.0	0.0	5.7
6	17.5	26.0	21.2	75.0	0.0	0.0	0.0	2.2
7	17.8	25.2	20.5	77.0	.2	2.5	2.7	3.6
8	16.6	25.6	21.0	75.7	2.4	3.3	5.7	7.5
9	16.6	25.0	20.3	79.3	0.0	.3	.3	2.9
10	17.4	24.0	20.2	84.0	.5	0.0	.5	1.1
11	16.4	27.8	21.5	65.7	0.0	0.0	0.0	10.0
12	18.0	27.0	21.2	70.0	0.0	0.0	0.0	5.2
13	15.8	28.8	21.5	61.0	0.0	0.0	0.0	8.6
14	16.8	28.6	22.1	63.3	0.0	0.0	0.0	9.2
15	17.5	26.8	21.3	67.3	0.0	0.0	0.0	6.3
16	16.8	25.2	20.2	71.0	0.0	0.0	0.0	3.8
17	18.6	26.2	20.6	75.0	0.0	0.0	0.0	3.4
18	17.6	25.8	20.3	82.0	.9	0.0	.9	1.8
19	17.0	26.6	20.4	72.3	10.0	0.0	10.0	7.1
20	16.8	27.8	22.2	67.0	0.0	0.0	0.0	4.0
21	17.0	28.8	22.2	57.0	0.0	0.0	0.0	5.0
22	18.6	26.0	21.6	67.7	0.0	0.0	0.0	.2
23	18.8	27.5	21.5	70.7	0.0	0.0	0.0	2.2
24	18.0	27.0	22.0	67.7	0.0	0.0	0.0	1.5
25	17.5	29.8	22.9	53.3	0.0	0.0	0.0	7.4
26	17.8	27.6	21.6	71.3	0.0	.4	.4	3.9
27	17.6	22.4	19.8	93.3	7.2	74.8	82.0	.3
28	17.0	24.6	20.0	85.0	29.0	0.0	29.0	1.0
29								
30								
31								
Total :					55.6	81.6	137.2	114.1
Promedio :	17.3	26.5	21.0	72.5				

Estación : JORGE VILLAMIL | Dpto. : HUILA | Latitud : 2 ° 20 ' N
Año : 2002 | Mpio. : GIGANTE | Longitud : 75 ° 31 ' W
Altitud : 1500 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	27.8	21.3	76.7	0.0	0.0	0.0	1.3
2	17.7	26.0	20.8	64.0	0.0	0.0	0.0	1.2
3	17.2	29.1	22.4	63.0	0.0	0.0	0.0	4.3
4	18.0	27.0	21.2	75.7	0.0	.1	.1	5.2
5	17.8	22.6	20.1	83.0	0.0	0.0	0.0	.2
6	16.6	26.8	21.2	69.3	.9	0.0	.9	3.5
7	16.4	23.6	20.6	81.0	0.0	0.0	0.0	.6
8	17.4	28.0	21.6	66.3	0.0	0.0	0.0	6.0
9	15.0	29.2	22.7	56.7	0.0	0.0	0.0	6.1
10	15.4	28.5	21.6	60.0	0.0	0.0	0.0	6.9
11	17.0	23.6	19.8	82.7	0.0	2.4	2.4	.6
12	16.8	23.6	19.2	88.7	0.0	0.0	0.0	.2
13	17.6	27.5	20.9	70.3	0.0	0.0	0.0	3.5
14	17.9	29.6	21.5	64.7	0.0	0.0	0.0	3.1
15	17.4	25.5	21.0	72.0	2.5	.5	3.0	1.3
16	17.2	25.9	21.8	73.3	.2	.6	.8	2.3
17	17.5	23.8	19.0	91.3	5.0	0.0	5.0	2.3
18	17.0	28.6	21.9	67.7	9.0	0.0	9.0	3.9
19	18.3	25.4	19.3	92.0	21.5	4.8	26.3	.8
20	16.8	26.6	20.8	73.3	0.0	15.0	15.0	.7
21	17.0	20.4	18.0	90.3	34.1	0.0	34.1	.2
22	15.8	27.6	21.5	65.7	0.0	0.0	0.0	2.4
23	17.5	24.0	19.4	93.3	18.1	0.0	18.1	.3
24	17.2	26.1	21.4	72.3	0.0	0.0	0.0	1.7
25	16.8	27.9	21.8	71.3	0.0	0.0	0.0	3.4
26	18.2	27.8	22.7	61.3	0.0	0.0	0.0	2.8
27	17.0	28.2	22.7	68.0	0.0	1.8	1.8	2.1
28	17.8	24.8	21.0	80.0	2.0	0.0	2.0	1.3
29	18.0	25.9	20.6	83.0	3.0	14.0	17.0	3.3
30	17.5	25.0	19.5	91.3	9.0	1.4	10.4	3.1
31	17.0	27.1	22.2	73.7	.4	1.7	2.1	4.1
Total :					105.7	42.3	148.0	78.7
Promedio :	17.2	26.2	21.0	74.9				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	24.9	20.2	82.3	.9	0.0	.9	1.5
2	17.4	21.9	19.2	84.3	3.3	0.0	3.3	0.0
3	17.5	23.3	19.5	80.0	.5	0.0	.5	.2
4	17.2	24.9	20.7	70.7	0.0	0.0	0.0	.8
5	16.5	28.2	22.0	65.0	0.0	0.0	0.0	3.5
6	16.8	29.1	22.3	62.7	1.3	2.0	3.3	5.3
7	17.5	24.8	19.8	85.3	0.0	0.0	0.0	3.4
8	16.0	24.6	19.1	82.7	.6	3.7	4.3	.5
9	15.5	24.9	19.2	79.0	0.0	0.0	0.0	6.8
10	16.4	24.3	19.7	78.3	0.0	0.0	0.0	2.7
11	15.2	25.8	20.5	75.0	0.0	0.0	0.0	4.3
12	16.0	25.7	20.9	72.3	0.0	2.0	2.0	7.8
13	16.6	24.9	19.4	81.0	0.0	0.0	0.0	6.5
14	16.0	23.0	18.8	88.3	6.5	3.5	10.0	.8
15	17.2	24.0	20.2	83.3	0.0	.3	.3	.3
16	17.0	27.2	21.8	67.3	0.0	.9	.9	3.7
17	17.9	27.0	20.8	72.7	4.3	1.1	5.4	1.7
18	17.2	25.0	20.7	72.3	3.1	0.0	3.1	2.7
19	16.3	28.5	21.0	75.3	8.7	.6	9.3	5.7
20	17.5	26.7	20.5	79.7	2.0	0.0	2.0	2.4
21	18.0	23.9	19.6	85.3	8.3	0.0	8.3	1.8
22	17.5	22.2	18.5	87.7	9.2	0.0	9.2	0.0
23	16.2	27.6	20.7	73.0	.9	0.0	.9	6.1
24	18.5	26.3	20.5	73.7	.4	1.6	2.0	2.9
25	17.8	21.0	18.5	94.7	9.1	.5	9.6	0.0
26	17.0	22.0	19.4	90.3	0.0	0.0	0.0	1.6
27	17.1	21.0	18.5	93.0	3.6	0.0	3.6	0.0
28	15.6	27.0	21.0	75.3	1.0	32.1	33.1	4.5
29	15.6	25.6	19.4	81.3	.2	2.9	3.1	2.9
30	16.8	25.8	20.5	78.3	7.5	3.6	11.1	3.8
31								
Total :					71.4	54.8	126.2	84.2
Promedio :	16.8	25.0	20.1	79.0				

Estación : JORGE VILLAMIL
Año : 2002

Dpto. : HUILA
Mpio. : GIGANTE

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	24.0	19.4	80.7	1.5	.5	2.0	1.6
2	17.0	21.2	19.5	84.3	2.0	0.0	2.0	.1
3	15.9	26.5	21.0	67.0	0.0	0.0	0.0	3.1
4	18.2	28.0	22.5	66.0	0.0	2.3	2.3	6.3
5	16.5	25.5	20.6	72.7	.3	0.0	.3	1.6
6	18.0	25.2	19.9	70.7	.2	21.4	21.6	2.5
7	15.5	25.5	20.1	75.3	.6	0.0	.6	5.3
8	17.4	26.3	21.8	69.7	0.0	0.0	0.0	2.3
9	16.8	24.8	19.2	86.3	2.8	0.0	2.8	4.1
10	16.2	26.2	20.0	76.3	16.2	.7	16.9	2.5
11	17.0	27.2	21.2	71.3	0.0	0.0	0.0	5.1
12	17.6	27.6	21.4	66.0	0.0	5.3	5.3	3.6
13	17.1	24.4	20.4	75.7	0.0	4.5	4.5	2.4
14	17.0	25.6	20.7	80.3	0.0	1.1	1.1	2.8
15	17.8	25.0	20.4	80.3	.2	.2	.4	.1
16	17.8	26.0	20.2	81.0	3.5	.2	3.7	1.7
17	18.0	26.2	22.0	63.7	0.0	.2	.2	1.0
18	17.4	25.6	21.0	80.7	0.0	.9	.9	.3
19	18.0	26.2	21.2	75.0	.9	0.0	.9	2.7
20	16.4	27.6	21.2	76.3	3.1	.3	3.4	6.3
21	16.8	20.4	18.5	90.0	7.4	0.0	7.4	0.0
22	17.0	25.6	20.2	74.0	2.7	.2	2.9	3.5
23	17.6	24.0	19.3	79.3	.6	0.0	.6	.1
24	17.2	27.0	21.3	68.3	0.0	0.0	0.0	3.4
25	16.5	25.6	20.8	74.7	.6	25.7	26.3	1.4
26	16.4	24.0	19.7	85.0	.3	0.0	.3	.9
27	17.2	23.8	19.6	90.0	0.0	7.8	7.8	1.8
28	16.4	20.0	17.5	92.3	1.6	.9	2.5	0.0
29	16.0	21.6	18.1	94.7	10.2	7.8	18.0	.7
30	16.2	22.0	17.9	92.3	1.4	2.5	3.9	.3
31	16.0	20.4	17.7	93.7	15.3	7.1	22.4	.8
Total :					71.4	89.6	161.0	68.3
Promedio :	17.0	24.8	20.1	78.5				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	25.5	20.0	76.3	3.7	0.0	3.7	2.9
2	17.4	23.6	19.8	78.3	.3	0.0	.3	.3
3	17.5	26.5	21.2	67.3	0.0	5.6	5.6	2.4
4	17.0	20.8	18.0	91.7	.9	.8	1.7	.9
5	16.6	22.8	18.6	85.0	4.4	4.7	9.1	.9
6	16.5	24.5	17.6	90.0	9.0	.2	9.2	1.3
7	15.4	22.5	18.3	84.0	.4	0.0	.4	.9
8	16.4	26.4	21.1	68.3	5.5	18.3	23.8	3.7
9	16.5	24.2	19.1	87.3	.9	3.0	3.9	2.9
10	16.2	25.2	20.7	68.7	.7	19.7	20.4	5.7
11	16.0	20.6	17.7	89.0	6.7	.2	6.9	.8
12	15.8	27.5	20.9	63.0	0.0	7.8	7.8	9.0
13	14.4	24.6	19.6	67.3	0.0	0.0	0.0	1.7
14	16.2	25.0	20.1	68.3	0.0	4.2	4.2	3.6
15	15.8	20.2	17.8	85.0	1.4	.6	2.0	0.0
16	15.6	24.6	19.7	73.7	0.0	2.6	2.6	6.3
17	15.8	23.6	19.0	76.7	0.0	0.0	0.0	.6
18	15.2	24.5	19.4	70.7	0.0	0.0	0.0	4.2
19	16.0	23.9	19.8	77.7	3.0	0.0	3.0	2.1
20	16.4	23.7	19.4	78.3	0.0	.3	.3	3.2
21	16.2	23.4	18.6	71.0	0.0	0.0	0.0	3.6
22	15.4	23.5	18.4	67.3	0.0	0.0	0.0	2.6
23	14.4	23.0	17.9	71.3	0.0	0.0	0.0	3.9
24	14.2	22.4	18.2	70.0	0.0	2.9	2.9	3.8
25	14.6	22.2	17.6	81.3	.1	0.0	.1	1.2
26	14.8	24.6	19.0	68.7	0.0	0.0	0.0	6.2
27	15.4	24.0	20.3	69.3	.1	0.0	.1	2.6
28	17.4	25.9	21.4	62.0	.3	0.0	.3	4.2
29	18.0	24.4	20.1	84.0	1.9	2.5	4.4	.8
30	17.0	26.8	20.8	75.3	8.8	.1	8.9	6.0
31								
Total :					48.1	73.5	121.6	88.3
Promedio :	16.0	24.0	19.3	75.6				

Estación : JORGE VILLAMIL
Año : 2002

Dpto. : HUILA
Mpio. : GIGANTE

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	24.8	20.1	72.3	.6	.1	.7	1.6
2	16.2	24.2	19.6	78.7	0.0	0.0	0.0	2.5
3	16.8	23.6	20.0	77.3	4.7	0.0	4.7	2.4
4	17.4	25.4	20.6	74.3	.8	1.5	2.3	3.8
5	17.6	20.8	18.7	86.0	10.0	1.4	11.4	0.0
6	16.0	23.4	19.2	87.0	1.9	0.0	1.9	.5
7	16.6	27.6	21.5	70.0	.1	0.0	.1	2.7
8	16.0	28.2	21.6	61.7	0.0	0.0	0.0	3.9
9	15.4	25.6	19.2	74.0	.4	0.0	.4	3.4
10	16.6	23.6	20.1	80.0	.1	0.0	.1	.9
11	16.0	24.6	20.2	70.3	1.5	.8	2.3	1.4
12	16.6	26.0	21.1	67.7	0.0	2.1	2.1	3.6
13	16.0	26.9	20.5	67.7	0.0	0.0	0.0	6.2
14	16.6	26.0	20.1	71.3	0.0	0.0	0.0	3.8
15	16.2	27.0	19.9	76.7	.5	1.3	1.8	4.6
16	16.2	25.0	20.6	71.7	.3	0.0	.3	1.0
17	17.4	27.0	20.2	73.7	6.5	6.2	12.7	3.8
18	16.4	23.0	19.0	80.7	.7	0.0	.7	.9
19	15.8	26.4	20.4	63.3	0.0	0.0	0.0	6.7
20	15.6	27.2	21.0	63.3	0.0	0.0	0.0	4.0
21	16.2	24.8	20.2	70.3	.5	.2	.7	1.2
22	17.0	26.6	20.8	70.3	.2	0.0	.2	3.4
23	17.6	27.4	22.0	61.7	0.0	0.0	0.0	3.9
24	16.2	26.0	19.8	77.0	4.6	0.0	4.6	2.0
25	16.0	24.8	19.2	75.0	.3	0.0	.3	1.2
26	16.4	23.4	18.9	75.3	.6	0.0	.6	3.2
27	14.6	24.8	19.4	63.3	0.0	.1	.1	2.2
28	16.2	26.9	20.5	66.0	0.0	1.6	1.6	4.1
29	15.8	26.4	19.6	65.7	.6	.6	1.2	4.1
30	14.6	27.4	20.4	58.3	0.0	6.7	6.7	7.5
31	15.0	24.8	18.3	73.0	.9	0.0	.9	2.1
Total :					35.8	22.6	58.4	92.6
Promedio :	16.3	25.5	20.1	71.7				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	26.8	19.5	65.7	0.0	0.0	0.0	3.2
2	15.2	25.8	19.3	69.3	.1	.4	.5	3.2
3	16.0	23.0	17.7	85.0	5.1	.7	5.8	.9
4	15.2	24.8	18.2	75.0	0.0	0.0	0.0	3.7
5	14.2	27.6	20.8	59.0	0.0	0.0	0.0	7.2
6	14.6	26.2	18.4	80.7	.6	0.0	.6	2.8
7	15.2	24.8	17.7	84.7	4.6	.1	4.7	3.6
8	15.8	24.6	18.8	79.0	1.3	0.0	1.3	4.1
9	15.8	25.4	19.2	68.0	0.0	0.0	0.0	1.5
10	15.0	22.8	18.3	60.7	0.0	.2	.2	1.0
11	15.2	21.2	18.3	79.3	.6	0.0	.6	.8
12	15.8	25.6	19.2	71.7	1.5	.1	1.6	2.1
13	16.0	23.0	19.2	77.7	1.9	0.0	1.9	1.5
14	16.2	26.0	19.8	71.0	0.0	.3	.3	4.3
15	15.6	27.2	19.5	72.7	.7	.3	1.0	4.1
16	16.5	25.0	18.8	85.7	4.9	0.0	4.9	2.6
17	16.4	26.4	20.4	66.7	0.0	.5	.5	4.6
18	16.0	26.0	19.6	72.3	1.1	0.0	1.1	1.8
19	15.0	25.4	18.5	69.7	1.4	0.0	1.4	1.7
20	17.2	26.4	20.1	69.3	0.0	0.0	0.0	5.4
21	16.4	27.0	20.0	70.3	0.0	0.0	0.0	2.9
22	16.8	25.0	19.9	72.3	0.0	0.0	0.0	1.1
23	16.4	24.8	19.7	76.7	0.0	0.0	0.0	2.5
24	17.0	27.2	20.5	71.0	0.0	.6	.6	5.5
25	16.6	27.5	21.5	69.3	.2	.4	.6	3.2
26	17.2	25.6	20.5	73.3	.7	.7	1.4	1.2
27	16.6	27.4	21.2	67.3	0.0	0.0	0.0	3.8
28	15.6	27.6	21.0	68.0	.4	0.0	.4	4.3
29	17.2	25.0	18.4	86.0	2.9	0.0	2.9	3.2
30	16.2	24.4	19.0	86.0	1.5	0.0	1.5	1.3
31	16.0	25.2	20.6	70.0	2.0	1.9	3.9	5.2
Total :					31.5	6.2	37.7	94.3
Promedio :	16.0	25.5	19.5	73.3				

Estación : JORGE VILLAMIL
Año : 2002

Dpto. : HUILA
Mpio. : GIGANTE

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.0	20.8	71.3	0.0	4.3	4.3	2.3
2	16.2	26.0	19.9	75.0	1.5	4.2	5.7	2.8
3	16.4	26.4	21.0	67.7	0.0	7.0	7.0	6.3
4	15.4	28.0	21.0	62.7	0.0	0.0	0.0	8.3
5	14.8	26.0	20.5	57.3	0.0	0.0	0.0	2.9
6	15.9	26.6	20.6	63.0	.1	0.0	.1	3.1
7	15.6	26.0	20.9	57.7	0.0	0.0	0.0	2.8
8	17.2	28.2	21.4	55.7	0.0	0.0	0.0	6.5
9	16.2	24.4	20.2	67.7	0.0	2.8	2.8	1.7
10	14.8	26.6	19.4	67.7	6.9	0.0	6.9	3.5
11	16.0	25.8	20.0	67.7	0.0	0.0	0.0	3.8
12	14.8	28.0	21.4	59.7	.3	0.0	.3	8.4
13	17.0	27.0	21.6	56.3	0.0	0.0	0.0	2.2
14	16.0	28.6	21.5	61.3	0.0	0.0	0.0	2.9
15	16.6	26.4	21.0	68.0	0.0	0.0	0.0	2.0
16	16.3	27.6	19.9	72.0	0.0	0.0	0.0	5.1
17	16.6	24.0	19.2	69.3	.2	0.0	.2	.4
18	16.0	26.6	20.7	71.0	0.0	24.9	24.9	3.4
19	14.8	26.2	19.4	71.0	.7	0.0	.7	2.7
20	15.6	26.8	21.5	62.3	3.2	.6	3.8	3.5
21	15.2	27.4	20.8	58.3	0.0	0.0	0.0	4.8
22	15.0	28.6	21.8	51.3	0.0	0.0	0.0	7.3
23	15.5	29.6	21.9	58.3	0.0	.3	.3	9.7
24	17.6	25.0	21.0	73.3	4.5	0.0	4.5	4.4
25	17.4	25.1	19.0	89.0	17.5	0.0	17.5	1.6
26	16.4	24.6	18.8	84.0	3.1	0.0	3.1	1.4
27	16.0	26.2	19.5	75.3	0.0	.7	.7	1.8
28	15.9	24.2	19.8	70.3	0.0	0.0	0.0	1.9
29	15.0	28.6	20.6	61.7	0.0	0.0	0.0	6.6
30	14.2	28.0	20.4	58.7	0.0	0.0	0.0	7.7
31								
Total :					38.0	44.8	82.8	121.8
Promedio :	15.9	26.7	20.5	66.2				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	29.0	22.2	56.0	0.0	0.0	0.0	8.5
2	15.8	25.4	19.9	68.3	0.0	0.0	0.0	2.2
3	15.0	25.6	20.8	56.7	0.0	0.0	0.0	1.2
4	15.8	28.0	20.7	62.0	0.0	0.0	0.0	4.5
5	16.7	28.4	22.0	56.3	0.0	.3	.3	5.6
6	16.2	27.0	20.6	66.0	0.0	0.0	0.0	6.6
7	16.0	29.0	22.2	53.7	0.0	0.0	0.0	6.3
8	17.8	27.4	21.5	63.7	0.0	0.0	0.0	3.6
9	16.9	26.8	20.8	73.0	.2	0.0	.2	4.1
10	16.8	28.0	21.6	59.3	0.0	0.0	0.0	3.1
11	16.7	24.4	20.0	69.7	0.0	0.0	0.0	.2
12	17.0	22.4	18.7	78.7	1.5	.1	1.6	.1
13	16.0	30.1	21.3	50.3	0.0	0.0	0.0	7.7
14	15.1	30.0	22.7	53.3	0.0	0.0	0.0	9.6
15	17.2	27.4	20.8	72.0	.7	0.0	.7	4.4
16	16.7	28.2	20.8	64.3	0.0	1.2	1.2	4.2
17	16.8	25.6	20.0	76.0	1.7	.2	1.9	.8
18	16.6	23.8	19.1	73.7	0.0	0.0	0.0	0.0
19	15.0	27.6	21.1	58.0	.2	0.0	.2	3.5
20	15.8	29.0	20.5	69.7	3.8	.3	4.1	3.7
21	17.0	26.2	21.0	73.3	0.0	1.4	1.4	5.0
22	16.4	24.0	19.0	87.7	11.8	0.0	11.8	2.9
23	17.2	28.8	20.9	72.3	2.1	.8	2.9	3.3
24	17.5	28.0	20.6	72.7	.3	0.0	.3	5.4
25	16.9	23.2	20.4	84.0	0.0	0.0	0.0	1.7
26	17.0	26.0	20.2	80.3	3.2	17.5	20.7	3.2
27	15.8	25.8	20.2	75.3	0.0	0.0	0.0	3.5
28	16.8	25.4	20.5	77.0	0.0	4.0	4.0	2.4
29	15.4	23.0	18.6	87.0	9.6	2.9	12.5	2.2
30	15.8	22.0	18.2	91.7	1.5	22.2	23.7	1.9
31	16.2	22.9	18.3	85.3	10.5	0.0	10.5	2.1
Total :					47.1	50.9	98.0	113.5
Promedio :	16.4	26.4	20.5	69.9				

Estación : JORGE VILLAMIL
Año : 2002

Dpto. : HUILA
Mpio. : GIGANTE

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.4	23.6	18.0	85.0	12.4	0.0	12.4	5.1
2	16.6	24.4	19.3	77.0	1.6	0.0	1.6	.5
3	16.2	21.5	18.4	93.7	15.3	0.0	15.3	.3
4	15.2	23.4	19.5	79.0	0.0	1.0	1.0	1.3
5	15.0	23.9	19.1	76.3	0.0	0.0	0.0	4.9
6	15.2	22.5	19.5	79.0	16.5	0.0	16.5	1.4
7	16.0	25.6	19.6	72.7	1.8	0.0	1.8	.8
8	16.4	21.6	17.9	89.0	6.9	0.0	6.9	.6
9	15.4	25.8	19.2	83.3	.3	0.0	.3	2.7
10	15.9	26.0	20.6	71.3	.9	0.0	.9	4.3
11	17.0	27.0	20.6	66.7	0.0	0.0	0.0	3.0
12	17.6	26.0	20.3	76.7	.6	2.1	2.7	2.3
13	16.2	25.0	20.1	75.3	.2	.3	.5	1.6
14	17.5	24.8	20.8	68.0	0.0	0.0	0.0	1.2
15	16.0	26.8	20.8	65.0	0.0	0.0	0.0	2.2
16	17.0	25.0	20.6	64.3	3.5	5.9	9.4	3.0
17	16.6	27.0	20.3	65.7	0.0	0.0	0.0	4.8
18	15.0	24.0	19.1	82.0	.5	0.0	.5	3.5
19	15.6	27.4	20.8	69.7	2.0	0.0	2.0	5.1
20	15.4	28.3	21.2	67.3	0.0	.1	.1	6.6
21	17.4	27.7	21.5	66.3	0.0	0.0	0.0	4.9
22	16.0	26.2	19.9	69.3	3.3	0.0	3.3	4.0
23	15.0	28.2	20.4	59.0	0.0	0.0	0.0	6.2
24	16.5	25.2	19.8	71.0	.8	.1	.9	3.6
25	17.5	28.6	21.6	61.7	0.0	0.0	0.0	7.0
26	16.9	27.5	21.8	65.3	0.0	0.0	0.0	4.9
27	17.8	25.8	20.8	76.0	1.7	0.0	1.7	2.3
28	17.5	27.0	21.6	65.3	0.0	0.0	0.0	2.7
29	17.8	26.4	20.8	70.0	.4	0.0	.4	.8
30	16.5	30.0	23.0	60.3	0.0	0.0	0.0	6.4
31								
Total :					68.7	9.5	78.2	98.0
Promedio :	16.3	25.7	20.2	72.4				

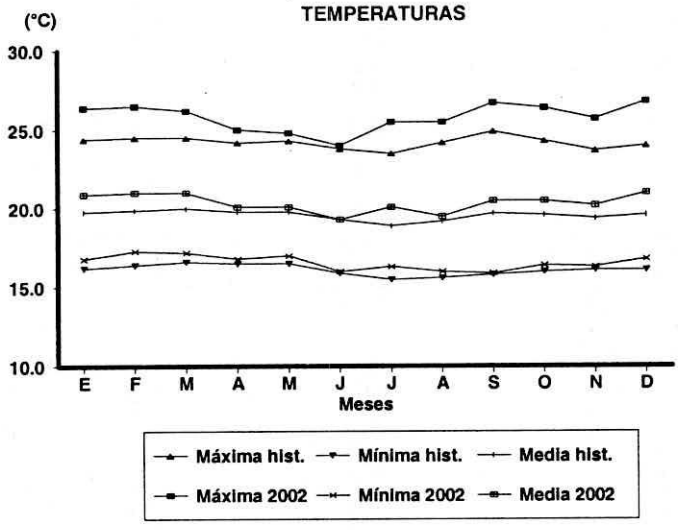
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	29.4	22.2	71.3	.8	0.0	.8	4.5
2	17.6	29.0	22.2	66.3	0.0	0.0	0.0	6.3
3	17.4	29.4	22.6	58.3	0.0	0.0	0.0	2.8
4	16.8	28.8	21.6	62.7	0.0	0.0	0.0	5.9
5	16.5	26.4	21.3	65.0	0.0	0.0	0.0	4.1
6	17.5	27.3	21.8	69.3	3.6	0.0	3.6	4.6
7	17.0	27.0	21.8	70.7	0.0	.1	.1	4.8
8	18.6	25.0	21.4	83.7	0.0	9.4	9.4	2.2
9	17.6	23.4	19.6	90.7	0.0	0.0	0.0	1.8
10	16.8	25.0	21.6	67.3	0.0	0.0	0.0	2.7
11	16.5	29.2	21.7	64.0	0.0	0.0	0.0	7.6
12	15.4	29.4	21.8	61.7	0.0	0.0	0.0	8.2
13	16.7	30.0	22.5	66.7	0.0	0.0	0.0	6.5
14	18.0	26.4	21.7	68.7	0.0	0.0	0.0	3.3
15	17.6	24.0	20.3	82.7	0.0	7.2	7.2	.3
16	17.2	24.6	19.0	86.7	12.6	9.7	22.3	1.1
17	16.4	19.6	18.2	93.0	11.1	.4	11.5	0.0
18	16.5	23.6	19.6	81.3	1.6	0.0	1.6	1.1
19	15.9	27.4	19.8	76.7	3.0	0.0	3.0	2.9
20	16.8	23.6	19.0	89.3	2.6	0.0	2.6	1.0
21	17.6	26.4	20.5	77.0	3.1	0.0	3.1	4.4
22	15.5	28.6	21.6	57.7	0.0	0.0	0.0	8.3
23	16.4	28.4	21.3	69.7	0.0	0.0	0.0	6.3
24	16.8	26.3	20.6	71.0	0.0	0.0	0.0	1.7
25	16.6	27.0	22.1	64.0	0.0	0.0	0.0	.6
26	16.5	27.8	21.1	67.7	0.0	0.0	0.0	4.5
27	16.0	26.0	20.6	69.7	0.0	0.0	0.0	4.5
28	15.9	26.8	21.0	70.3	0.0	0.0	0.0	5.8
29	17.6	27.8	20.9	75.3	17.1	9.3	26.4	2.6
30	17.2	28.0	21.2	66.7	0.0	0.0	0.0	5.2
31	14.7	28.3	21.0	54.0	0.0	0.0		5.9
Total :					55.5	36.1	91.6	121.5
Promedio :	16.8	26.8	21.0	71.6				

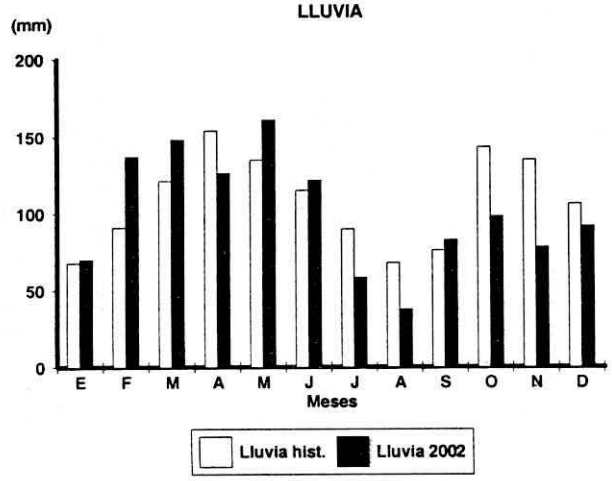
Estación : JORGE VILLAMIL
Año : 2002

Dpto. : HUILA
Mpio. : GIGANTE

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.8	26.4	20.9	29.6	15.6	72.3	70.1	13	163.6
Febrero	17.3	26.5	21.0	29.8	15.4	72.5	137.2	11	114.1
Marzo	17.2	26.2	21.0	29.6	15.0	74.9	148.0	16	78.7
Abril	16.8	25.0	20.1	29.1	15.2	79.0	126.2	22	84.2
Mayo	17.0	24.8	20.1	28.0	15.5	78.5	161.0	27	68.3
Junio	16.0	24.0	19.3	27.5	14.2	75.6	121.6	23	88.3
Julio	16.3	25.5	20.1	28.2	14.6	71.7	58.4	24	92.6
Agosto	16.0	25.5	19.5	27.6	14.2	73.3	37.7	22	94.3
Septiembre	15.9	26.7	20.5	29.6	14.2	66.2	82.8	16	121.8
Octubre	16.4	26.4	20.5	30.1	15.0	69.9	98.0	17	113.5
Noviembre	16.3	25.7	20.2	30.0	14.4	72.4	78.2	19	98.0
Diciembre	16.8	26.8	21.0	30.0	14.7	71.6	91.6	12	121.5
Promedio :	16.6	25.8	20.4			73.2			
Absoluta :				30.1	14.2				
Total :							1210.8	222	1238.9





Estación : EL SAUCE
Año : 2002

Dpto. : NARIÑO
Mpio. : LA UNION

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.2	19.6	74.0	6.3	16.5	22.8	7.0
2	17.2	26.5	19.4	85.0	15.3	0.0	15.3	6.0
3	15.8	24.5	19.4	82.3	.4	2.1	2.5	5.1
4	16.4	24.0	19.4	84.0	4.1	0.0	4.1	3.5
5	17.0	26.0	20.2	83.7	.1	0.0	.1	4.4
6	17.4	23.0	19.4	88.7	0.0	21.4	21.4	.8
7	16.0	23.2	18.0	86.3	5.9	.4	6.3	2.8
8	14.2	25.5	18.9	76.3	0.0	3.9	3.9	9.6
9	15.5	23.8	18.7	83.0	.7	.1	.8	2.5
10	15.6	25.5	20.2	81.0	0.0	0.0	0.0	9.3
11	16.4	26.8	20.0	80.7	0.0	0.0	0.0	6.2
12	16.5	26.0	19.8	81.3	2.4	8.2	10.6	4.8
13	16.0	21.2	17.3	89.0	27.5	0.0	27.5	.1
14	14.5	24.5	18.6	84.0	.1	0.0	.1	5.1
15	14.8	26.2	19.4	83.0	7.6	0.0	7.6	7.7
16	16.0	25.2	19.4	77.3	0.0	0.0	0.0	6.7
17	14.8	25.0	18.6	82.7	4.0	0.0	4.0	5.3
18	15.0	26.5	20.0	77.0	0.0	0.0	0.0	9.2
19	15.5	27.0	19.0	74.7	0.0	0.0	0.0	9.5
20	15.0	24.0	18.3	82.3	.6	0.0	.6	5.3
21	14.6	26.0	20.0	82.7	0.0	0.0	0.0	3.8
22	15.0	27.5	21.6	65.7	0.0	0.0	0.0	8.9
23	17.5	27.0	20.9	76.7	0.0	0.0	0.0	5.3
24	17.8	26.8	20.6	79.3	0.0	0.0	0.0	4.4
25	17.6	25.6	19.9	86.3	0.0	0.0	0.0	2.8
26	17.0	25.5	20.4	77.0	0.0	0.0	0.0	5.5
27	16.8	28.2	21.7	60.3	0.0	0.0	0.0	5.4
28	17.0	28.4	22.7	51.7	0.0	0.0	0.0	8.4
29	16.6	26.8	21.1	72.3	0.0	0.0	0.0	6.6
30	16.4	26.5	20.6	81.0	0.0	0.0	0.0	4.9
31	17.2	28.0	20.4	83.3	0.0	0.0	0.0	3.3
Total :					75.0	52.6	127.6	170.2
Promedio :	16.1	25.7	19.8	79.1				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.5	21.0	85.0	0.0	0.0	0.0	3.3
2	16.2	25.5	20.8	77.3	0.0	0.0	0.0	4.0
3	17.2	22.5	19.4	85.3	2.1	7.6	9.7	.1
4	15.2	23.6	17.8	86.0	15.7	.7	16.4	2.8
5	14.5	27.4	20.2	78.0	0.0	0.0	0.0	10.3
6	16.4	26.2	19.6	81.3	0.0	0.0	0.0	4.2
7	17.0	26.0	19.8	75.3	0.0	0.0	0.0	5.9
8	15.0	28.2	19.4	72.3	0.0	0.0	0.0	10.4
9	16.3	27.5	20.6	75.3	3.1	2.4	5.5	6.0
10	16.0	24.6	18.8	84.7	2.0	6.1	8.1	3.2
11	16.5	27.5	20.4	77.0	0.0	0.0	0.0	7.3
12	16.4	28.6	20.8	77.3	0.0	0.0	0.0	8.4
13	16.4	29.0	20.9	75.3	0.0	0.0	0.0	7.9
14	15.6	28.0	20.7	68.7	0.0	0.0	0.0	8.6
15	15.5	26.5	20.0	78.0	0.0	0.0	0.0	5.5
16	16.0	26.5	20.2	80.7	0.0	0.0	0.0	5.1
17	17.4	25.0	20.0	83.7	0.0	0.0	0.0	2.6
18	16.2	26.0	19.4	82.3	0.0	0.0	0.0	4.1
19	17.0	26.5	20.8	78.3	0.0	1.4	1.4	3.7
20	16.8	29.5	20.8	77.7	0.0	0.0	0.0	8.4
21	17.4	27.0	20.8	80.3	0.0	0.0	0.0	4.8
22	17.4	20.4	18.5	94.7	.3	0.0	.3	0.0
23	17.0	27.0	20.8	78.0	0.0	0.0	0.0	3.4
24	16.5	26.0	21.2	80.7	0.0	0.0	0.0	2.3
25	16.5	30.5	21.3	74.0	0.0	0.0	0.0	10.4
26	17.2	25.5	20.0	83.3	0.0	23.5	23.5	2.0
27	16.0	24.6	19.3	82.7	20.9	70.2	91.1	2.4
28	15.5	23.0	19.3	85.7	0.0	0.0	0.0	.2
29								
30								
31								
Total :					44.1	111.9	156.0	137.3
Promedio :	16.4	26.3	20.1	80.0				

Estación : EL SAUCE
Año : 2002

Dpto. : NARIÑO
Mpio. : LA UNION

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	26.2	20.7	82.7	0.0	0.0	0.0	3.5
2	17.6	24.5	20.8	81.3	0.0	0.0	0.0	1.3
3	17.0	25.5	19.6	86.3	5.4	17.7	23.1	4.4
4	16.5	24.0	18.9	85.7	43.1	9.3	52.4	3.1
5	15.5	23.8	19.5	82.3	1.5	.7	2.2	1.2
6	16.8	25.5	19.9	80.7	.3	.4	.7	3.8
7	17.2	26.0	19.2	83.7	4.7	2.0	6.7	2.9
8	15.6	27.0	19.7	80.3	.6	0.0	.6	7.2
9	16.5	28.2	21.2	73.0	0.0	0.0	0.0	8.2
10	14.8	27.4	20.2	71.3	0.0	0.0	0.0	8.9
11	16.5	24.4	19.6	85.0	0.0	.4	.4	1.9
12	16.7	23.5	19.6	86.7	0.0	3.1	3.1	2.0
13	16.5	25.5	19.7	87.0	0.0	0.0	0.0	2.3
14	16.0	25.5	19.8	84.7	1.3	2.6	3.9	4.0
15	15.5	26.5	20.2	78.7	0.0	0.0	0.0	7.2
16	17.0	27.5	19.8	77.3	21.9	0.0	21.9	5.3
17	16.8	23.0	19.2	83.0	.2	0.0	.2	.3
18	16.0	27.8	20.7	79.0	0.0	9.2	9.2	3.5
19	15.6	21.0	17.5	92.7	7.8	.3	8.1	.1
20	16.0	26.1	19.0	87.0	1.9	10.0	11.9	1.6
21	15.5	20.2	17.8	90.7	2.0	.5	2.5	0.0
22	15.5	26.6	20.0	82.3	.5	1.0	1.5	2.9
23	16.8	23.8	19.7	80.3	.6	0.0	.6	1.5
24	17.0	26.8	21.0	82.0	0.0	0.0	0.0	3.1
25	17.2	28.2	21.8	73.7	0.0	0.0	0.0	7.3
26	16.8	29.2	22.0	75.7	0.0	0.0	0.0	6.2
27	16.6	28.5	19.8	81.0	14.4	0.0	14.4	4.8
28	17.0	21.0	18.7	89.3	31.6	0.0	31.6	0.0
29	16.5	24.4	19.6	85.0	3.8	0.0	3.8	.2
30	16.5	28.0	20.8	84.7	.7	0.0	.7	7.6
31	18.0	26.6	21.2	79.3	0.0	0.0	0.0	4.2
Total :					142.3	57.2	199.5	110.5
Promedio :	16.5	25.6	19.9	82.3				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.4	20.5	84.7	0.0	0.0	0.0	3.9
2	16.4	24.0	19.5	84.7	.7	0.0	.7	0.0
3	16.3	26.4	19.4	84.0	9.6	0.0	9.6	3.6
4	16.8	27.6	21.8	67.0	0.0	0.0	0.0	8.5
5	16.4	28.6	21.9	72.0	0.0	0.0	0.0	8.2
6	16.5	28.5	21.0	77.3	33.3	2.4	35.7	6.9
7	16.0	23.0	18.6	85.3	1.3	.1	1.4	.8
8	15.5	22.0	17.8	93.0	.4	0.0	.4	0.0
9	15.2	27.8	20.6	79.3	.2	1.1	1.3	6.7
10	16.0	25.5	20.0	78.7	.7	0.0	.7	4.1
11	14.5	27.5	20.0	71.3	0.0	0.0	0.0	10.5
12	14.6	26.5	19.5	78.7	0.0	0.0	0.0	4.9
13	15.0	26.6	20.6	73.7	0.0	.1	.1	8.0
14	16.5	26.0	20.0	73.7	9.9	1.0	10.9	4.4
15	16.2	27.8	20.6	80.0	.6	0.0	.6	5.3
16	16.0	27.5	20.5	82.0	2.1	0.0	2.1	6.6
17	16.2	23.5	20.3	80.0	.1	0.0	.1	.1
18	15.8	22.5	18.5	87.0	10.0	.3	10.3	.9
19	15.5	25.4	19.2	83.3	23.8	.3	24.1	4.8
20	16.4	26.0	20.1	87.7	0.0	0.0	0.0	6.3
21	16.0	25.8	20.1	77.3	0.0	0.0	0.0	5.9
22	15.6	25.4	20.4	85.0	0.0	0.0	0.0	5.6
23	16.5	24.4	19.1	90.3	6.1	17.6	23.7	3.9
24	15.5	23.8	19.0	90.0	37.3	1.1	38.4	.6
25	15.8	25.6	19.3	84.0	45.9	24.3	70.2	1.0
26	14.5	23.4	18.5	88.7	1.7	14.5	16.2	2.0
27	15.2	20.5	17.8	90.7	0.0	.1	.1	0.0
28	15.0	27.5	20.5	77.0	0.0	0.0	0.0	8.3
29	16.5	25.6	20.5	81.7	.1	3.7	3.8	2.8
30	15.5	24.0	19.0	87.7	3.5	2.4	5.9	4.6
31								
Total :					187.3	69.0	256.3	129.2
Promedio :	15.8	25.5	19.8	81.9				

Estación : EL SAUCE
Año : 2002

Dpto. : NARIÑO
Mpio. : LA UNION

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	21.3	18.4	92.7	3.4	0.0	3.4	5.5
2	15.0	25.5	19.9	72.0	0.0	0.0	0.0	4.0
3	15.5	26.0	20.4	74.0	0.0	0.0	0.0	6.6
4	16.0	28.2	22.6	56.7	0.0	0.0	0.0	8.3
5	16.5	28.6	22.3	57.0	0.0	0.0	0.0	6.2
6	18.0	29.5	22.8	52.3	0.0	.6	.6	4.4
7	17.2	28.5	22.2	62.7	.3	0.0	.3	6.9
8	17.4	29.9	23.0	58.0	0.0	0.0	0.0	8.6
9	17.0	28.0	22.8	60.0	0.0	0.0	0.0	3.9
10	18.1	28.5	23.0	61.0	0.0	0.0	0.0	8.5
11	18.4	29.3	21.5	55.7	1.9	0.0	1.9	10.8
12	18.2	30.0	24.4	49.7	0.0	0.0	0.0	2.9
13	18.4	30.2	24.2	52.3	0.0	0.0	0.0	9.6
14	18.8	29.3	22.8	59.0	0.0	0.0	0.0	6.6
15	19.0	28.6	21.9	72.7	2.2	0.0	2.2	5.0
16	17.6	27.3	20.5	88.0	1.1	.1	1.2	5.0
17	17.5	25.4	20.3	86.3	.9	.6	1.5	2.2
18	16.4	25.0	19.5	82.3	3.2	0.0	3.2	3.2
19	16.8	24.5	19.8	86.3	4.3	1.4	5.7	0.0
20	16.0	23.5	19.6	83.7	6.0	7.1	13.1	3.6
21	16.6	23.2	18.2	90.3	5.3	0.0	5.3	.2
22	15.7	25.0	19.0	81.0	6.0	0.0	6.0	2.8
23	16.5	26.2	20.0	83.7	0.0	0.0	0.0	4.5
24	17.0	28.5	21.6	75.7	1.2	.4	1.6	8.4
25	13.5	22.6	17.8	81.3	2.1	6.2	8.3	.5
26	13.0	25.3	18.3	76.0	0.0	0.0	0.0	6.0
27	15.5	27.0	20.4	73.0	0.0	.6	.6	7.5
28	15.6	23.8	19.2	79.7	0.0	0.0	0.0	.9
29	15.5	26.3	19.9	73.3	0.0	0.0	0.0	6.7
30	15.4	24.8	19.2	78.3	0.0	4.0	4.0	1.3
31	15.7	22.8	18.4	88.3	1.7	2.0	3.7	1.5
Total :					39.6	23.0	62.6	152.1
Promedio :	16.6	26.5	20.8	72.4				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.7	24.3	18.7	88.0	.7	0.0	.7	2.4
2	15.2	24.0	18.9	78.0	0.0	0.0	0.0	6.3
3	16.5	22.5	18.5	87.0	11.2	1.6	12.8	.9
4	14.9	23.6	18.4	79.0	4.9	0.0	4.9	.9
5	14.8	23.5	16.6	87.0	32.6	14.5	47.1	1.2
6	13.8	25.4	17.2	81.7	7.4	4.1	11.5	.1
7	13.6	24.4	18.3	83.3	0.0	0.0	0.0	4.7
8	15.0	26.9	19.7	85.3	6.0	8.0	14.0	8.0
9	15.6	22.0	17.4	88.0	2.0	0.0	2.0	1.8
10	15.2	27.5	19.4	73.0	0.0	3.6	3.6	8.0
11	15.0	20.6	17.8	80.0	.5	0.0	.5	9.2
12	16.0	27.6	21.2	65.7	0.0	0.0	0.0	9.0
13	15.4	26.8	19.8	75.0	.2	0.0	.2	4.5
14	15.5	26.0	19.9	80.0	0.0	0.0	0.0	6.9
15	16.0	27.0	20.3	72.0	0.0	0.0	0.0	4.0
16	16.7	27.5	22.3	60.3	0.0	0.0	0.0	5.0
17	17.5	25.9	20.8	53.0	0.0	0.0	0.0	2.7
18	17.0	27.2	20.5	56.0	0.0	0.0	0.0	9.1
19	18.0	28.5	22.5	52.3	0.0	0.0	0.0	5.0
20	17.5	26.8	20.7	62.0	0.0	0.0	0.0	5.7
21	18.3	27.0	21.0	45.3	0.0	0.0	0.0	5.9
22	17.4	25.2	20.0	44.0	0.0	0.0	0.0	7.8
23	16.8	26.5	20.3	48.7	0.0	0.0	0.0	8.5
24	15.5	26.6	20.8	50.0	0.0	0.0	0.0	9.8
25	17.6	25.0	20.3	56.7	0.0	0.0	0.0	5.4
26	16.8	27.6	21.0	55.0	0.0	0.0	0.0	9.1
27	16.0	29.6	22.7	51.3	0.0	0.0	0.0	9.4
28	15.6	31.2	21.5	67.0	0.0	0.0	0.0	9.1
29	15.8	28.0	21.2	79.7	.6	0.0	.6	5.0
30	16.6	29.2	22.6	65.7	0.0	0.0	0.0	7.3
31								
Total :					66.1	31.8	97.9	172.7
Promedio :	16.0	26.1	20.0	68.3				

Estación : EL SAUCE
Año : 2002

Dpto. : NARIÑO
Mpio. : LA UNION

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	28.8	23.5	45.0	0.0	0.0	0.0	9.4
2	18.2	28.5	22.7	52.3	0.0	0.0	0.0	5.7
3	18.5	27.5	21.6	65.0	0.0	0.0	0.0	4.5
4	17.8	30.2	21.2	75.0	0.0	0.0	0.0	6.3
5	16.6	24.5	18.3	83.7	18.3	21.0	39.3	.3
6	14.5	26.0	20.3	71.7	0.0	0.0	0.0	6.8
7	15.5	27.4	20.7	74.0	0.0	0.0	0.0	9.1
8	15.5	29.3	20.8	70.7	0.0	0.0	0.0	9.0
9	16.0	29.5	21.8	70.7	0.0	0.0	0.0	8.7
10	16.5	27.6	20.8	69.0	.8	0.0	.8	7.0
11	16.6	27.4	20.0	78.3	0.0	0.0	0.0	6.2
12	15.6	27.5	21.4	63.3	0.0	0.0	0.0	7.3
13	18.0	29.4	22.8	52.3	0.0	0.0	0.0	6.4
14	17.8	27.4	22.3	54.7	5.7	0.0	5.7	5.5
15	16.8	27.2	20.8	65.7	0.0	0.0	0.0	2.4
16	16.4	27.6	21.1	76.3	0.0	0.0	0.0	5.2
17	16.2	26.5	20.3	78.0	0.0	0.0	0.0	5.9
18	16.6	28.5	21.4	63.0	0.0	0.0	0.0	5.4
19	15.6	28.7	19.9	70.7	0.0	0.0	0.0	8.2
20	16.0	26.8	20.4	71.0	0.0	0.0	0.0	3.4
21	15.7	26.5	20.3	77.7	0.0	2.1	2.1	5.6
22	16.0	27.5	19.8	77.7	0.0	0.0	0.0	6.2
23	15.7	26.5	21.0	73.3	.2	.2	.4	5.1
24	16.2	25.1	20.4	74.3	2.6	0.0	2.6	4.0
25	16.4	26.5	20.8	60.3	0.0	0.0	0.0	4.9
26	18.0	28.5	21.5	44.0	0.0	0.0	0.0	4.6
27	17.5	28.2	21.4	43.3	0.0	0.0	0.0	9.3
28	16.5	27.8	21.7	46.7	0.0	0.0	0.0	6.2
29	17.5	27.5	22.4	46.0	0.0	0.0	0.0	6.5
30	17.0	27.0	21.4	44.0	0.0	.3	.3	6.4
31	15.5	27.7	20.1	66.3	1.4	0.0	1.4	5.0
Total :					29.0	23.6	52.6	186.5
Promedio :	16.6	27.6	21.1	64.6				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	28.0	20.4	55.0	0.0	0.0	0.0	6.5
2	15.5	28.3	21.2	49.3	0.0	0.0	0.0	7.1
3	17.0	28.0	19.8	55.3	0.0	0.0	0.0	3.4
4	16.0	26.5	20.4	58.3	0.0	0.0	0.0	4.7
5	15.6	29.8	22.3	44.0	0.0	0.0	0.0	10.6
6	17.9	30.7	23.1	43.7	0.0	0.0	0.0	7.3
7	17.5	29.0	21.5	55.0	0.0	0.0	0.0	6.4
8	16.2	28.6	21.8	54.3	0.0	0.0	0.0	5.4
9	17.4	24.5	19.7	54.0	0.0	0.0	0.0	2.5
10	15.0	26.5	20.9	46.7	0.0	0.0	0.0	8.0
11	17.3	26.4	20.9	52.0	0.0	0.0	0.0	4.9
12	17.5	28.5	21.3	52.7	0.0	0.0	0.0	6.0
13	19.0	29.6	22.4	51.3	0.0	0.0	0.0	7.4
14	18.5	27.0	21.3	54.3	0.0	0.0	0.0	5.1
15	18.6	27.5	22.1	50.7	0.0	0.0	0.0	6.2
16	18.5	29.6	22.1	50.7	0.0	0.0	0.0	7.7
17	17.5	29.3	22.2	45.3	0.0	0.0	0.0	7.9
18	17.0	30.1	22.2	47.7	0.0	0.0	0.0	7.0
19	15.5	28.6	21.5	62.0	0.0	0.0	0.0	9.5
20	16.6	28.8	22.1	58.7	0.0	0.0	0.0	7.9
21	15.7	30.0	22.9	54.7	0.0	0.0	0.0	10.9
22	16.0	31.2	22.5	56.0	0.0	0.0	0.0	9.7
23	16.1	30.4	22.6	56.0	0.0	0.0	0.0	9.2
24	16.2	31.0	23.0	51.7	0.0	0.0	0.0	8.3
25	17.0	30.9	21.5	69.3	0.0	0.0	0.0	9.4
26	15.7	25.8	19.9	78.7	0.0	0.0	0.0	1.8
27	15.5	27.0	20.2	75.3	0.0	0.0	0.0	3.7
28	15.7	29.5	19.9	79.7	0.0	0.0	0.0	5.7
29	15.8	23.1	18.5	81.0	.7	5.9	6.6	1.8
30	15.5	24.0	18.9	86.3	9.0	4.9	13.9	3.1
31	16.4	25.6	19.6	79.7	0.0	.2	.2	5.0
Total :					9.7	11.0	20.7	200.1
Promedio :	16.6	28.2	21.2	58.4				

Estación : EL SAUCE
Año : 2002

Dpto. : NARIÑO
Mpio. : LA UNION

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.1	25.4	19.9	81.3	.1	0.0	.1	.9
2	15.5	29.0	19.8	74.3	1.7	0.0	1.7	7.1
3	15.9	27.3	21.3	71.0	0.0	0.0	0.0	4.3
4	17.0	28.8	22.5	44.3	0.0	0.0	0.0	10.3
5	15.6	30.0	23.3	44.0	0.0	0.0	0.0	8.8
6	17.5	28.5	23.1	49.7	0.0	0.0	0.0	7.1
7	17.0	28.6	21.4	57.3	0.0	0.0	0.0	3.5
8	18.5	29.0	22.4	45.0	0.0	0.0	0.0	4.2
9	17.0	29.8	22.2	51.0	0.0	0.0	0.0	7.1
10	16.2	30.0	21.2	69.3	0.0	0.0	0.0	6.8
11	15.0	30.4	22.2	53.7	0.0	0.0	0.0	8.9
12	15.2	31.0	22.8	53.0	0.0	0.0	0.0	9.8
13	16.0	30.5	21.8	58.7	0.0	0.0	0.0	9.1
14	16.9	29.5	20.7	76.3	0.0	.1	.1	5.2
15	16.2	28.8	21.4	70.3	0.0	0.0	0.0	5.5
16	16.4	29.0	22.2	54.0	0.0	0.0	0.0	4.6
17	15.4	26.0	19.9	72.3	0.0	0.0	0.0	2.3
18	15.5	25.6	19.0	79.0	45.4	3.5	48.9	1.6
19	15.4	28.2	20.1	76.3	0.0	0.0	0.0	5.6
20	15.2	29.5	21.0	66.0	0.0	0.0	0.0	8.8
21	16.6	29.3	22.6	50.7	0.0	0.0	0.0	9.0
22	16.0	30.0	23.0	48.3	0.0	0.0	0.0	9.5
23	15.0	29.6	21.2	62.3	0.0	0.0	0.0	9.5
24	16.4	26.6	20.4	77.7	3.2	0.0	3.2	3.6
25	15.6	25.6	19.0	79.0	1.1	8.4	9.5	3.5
26	15.2	23.5	19.2	78.7	.1	.1	.2	1.6
27	15.5	27.8	20.4	69.7	0.0	0.0	0.0	6.9
28	16.5	27.0	19.8	72.3	.4	0.0	.4	2.4
29	15.8	29.2	20.8	69.7	0.0	0.0	0.0	9.0
30	15.0	30.0	21.2	60.3	0.0	0.0	0.0	9.9
31								
Total :					52.0	12.1	64.1	186.4
Promedio :	16.0	28.5	21.2	63.8				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	30.2	21.7	65.0	0.0	0.0	0.0	8.5
2	16.5	30.4	22.4	46.0	0.0	0.0	0.0	7.4
3	16.1	31.5	23.0	46.0	0.0	0.0	0.0	8.2
4	17.2	29.5	23.4	46.0	0.0	0.0	0.0	7.9
5	16.6	29.3	23.0	47.3	0.0	0.0	0.0	9.0
6	16.5	28.0	21.8	58.7	0.0	0.0	0.0	6.8
7	16.2	30.0	20.5	72.7	0.0	0.0	0.0	10.6
8	16.2	30.2	21.2	70.3	0.0	0.0	0.0	7.3
9	17.6	29.0	20.8	77.0	0.0	0.0	0.0	5.7
10	17.2	32.0	21.9	68.3	0.0	0.0	0.0	9.7
11	17.4	26.6	21.8	63.3	0.0	0.0	0.0	.9
12	16.5	31.0	22.4	50.7	0.0	0.0	0.0	7.2
13	17.8	28.0	21.0	62.3	0.0	0.0	0.0	3.6
14	15.8	31.5	22.4	61.7	0.0	0.0	0.0	10.3
15	16.0	26.2	19.7	75.0	20.8	.1	20.9	3.7
16	15.4	28.6	20.2	76.3	0.0	0.0	0.0	6.7
17	15.9	25.2	19.4	80.7	7.9	1.4	9.3	2.7
18	15.6	26.6	19.8	75.0	5.0	0.0	5.0	7.5
19	16.0	29.5	20.9	75.7	0.0	0.0	0.0	8.9
20	16.2	27.8	19.5	79.3	2.3	7.9	10.2	3.7
21	15.0	25.8	19.0	85.0	4.5	2.8	7.3	3.8
22	16.0	23.5	19.1	76.7	1.7	.6	2.3	1.7
23	16.5	26.5	19.2	81.3	6.2	49.6	55.8	5.4
24	14.5	25.0	18.9	81.7	2.0	17.0	19.0	4.2
25	15.0	26.0	19.6	78.7	.5	2.8	3.3	7.1
26	15.8	24.0	18.6	89.0	3.0	52.3	55.3	2.6
27	14.7	24.5	18.4	81.7	7.8	0.0	7.8	1.5
28	14.5	25.0	19.3	76.0	1.7	2.4	4.1	5.9
29	15.0	24.6	18.5	82.0	2.7	2.2	4.9	1.1
30	15.5	25.4	19.1	83.0	0.0	4.6	4.6	3.9
31	15.9	25.0	18.1	83.7	14.8	0.0	14.8	2.5
Total :					80.9	143.7	224.6	176.0
Promedio :	16.1	27.6	20.5	70.8				

Estación : EL SAUCE
Año : 2002

Dpto. : NARIÑO
Mpio. : LA UNION

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	23.5	18.4	80.0	10.6	.1	10.7	3.9
2	14.4	23.0	18.8	74.7	.4	40.1	40.5	4.2
3	14.9	23.5	18.2	79.3	25.1	0.0	25.1	1.9
4	14.2	25.4	19.5	79.3	0.0	21.9	21.9	5.9
5	14.5	25.6	18.4	78.7	12.7	17.1	29.8	4.4
6	14.2	23.2	17.6	80.7	2.3	0.0	2.3	.6
7	15.5	22.4	18.0	82.0	11.8	2.0	13.8	1.0
8	15.4	22.5	18.0	89.3	9.2	1.9	11.1	1.7
9	15.5	25.4	18.7	82.0	3.9	.4	4.3	4.9
10	14.5	25.2	19.4	82.3	22.1	12.4	34.5	5.4
11	15.5	24.6	19.0	85.0	0.0	0.0	0.0	4.3
12	16.4	24.0	18.5	82.3	2.2	4.4	6.6	2.8
13	15.0	21.5	18.1	90.7	.2	0.0	.2	.7
14	15.1	26.2	19.7	81.7	0.0	0.0	0.0	6.5
15	15.6	26.5	20.3	75.7	0.0	0.0	0.0	8.3
16	16.5	24.8	20.7	71.3	0.0	0.0	0.0	5.2
17	17.2	27.5	19.6	73.0	0.0	0.0	0.0	2.9
18	15.5	25.2	19.8	80.0	29.4	5.4	34.8	5.6
19	16.0	25.8	19.0	85.7	2.2	0.0	2.2	4.4
20	15.0	25.5	19.6	86.3	0.0	0.0	0.0	4.9
21	16.5	24.4	19.4	87.7	0.0	0.0	0.0	1.1
22	17.0	26.2	20.6	66.0	0.0	0.0	0.0	3.2
23	16.0	25.8	21.2	45.3	0.0	0.0	0.0	6.3
24	14.8	25.6	19.6	70.0	0.0	0.0	0.0	6.4
25	16.5	28.4	20.6	78.3	0.0	0.0	0.0	7.6
26	16.4	27.8	20.8	79.0	0.0	0.0	0.0	9.1
27	17.2	25.5	20.5	79.7	0.0	0.0	0.0	2.5
28	16.5	26.6	20.8	80.7	0.0	0.0	0.0	5.8
29	16.8	25.6	19.8	85.0	5.1	0.0	5.1	3.1
30	16.5	27.3	20.3	86.3	0.0	0.0	0.0	6.4
31								
Total :					137.2	105.7	242.9	131.0
Promedio :	15.7	25.1	19.4	79.3				

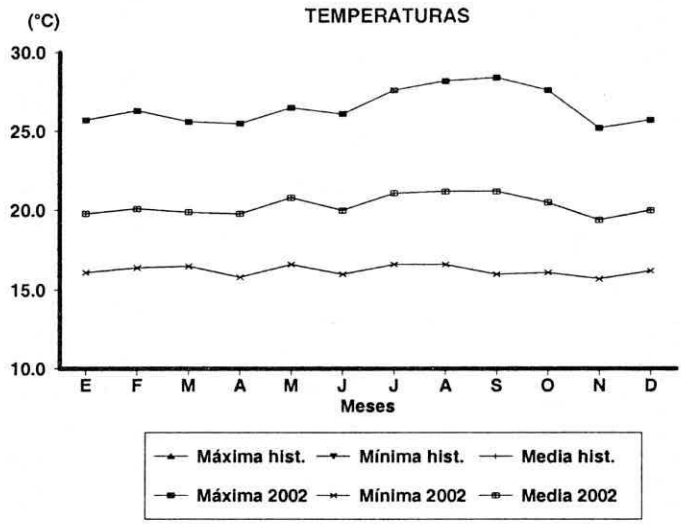
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	27.5	21.4	82.0	1.0	0.0	1.0	4.9
2	17.4	28.0	22.0	64.0	0.0	0.0	0.0	7.9
3	16.8	29.6	21.4	75.7	0.0	0.0	0.0	8.1
4	16.2	24.6	20.0	77.7	0.0	0.0	0.0	1.9
5	16.4	25.6	19.5	84.7	8.9	.4	9.3	2.0
6	16.2	24.2	20.0	81.7	0.0	.2	.2	2.4
7	17.4	24.4	19.8	82.7	1.3	0.0	1.3	.7
8	15.2	24.5	19.2	84.3	2.6	5.4	8.0	4.0
9	15.0	27.4	20.7	78.0	0.0	0.0	0.0	6.7
10	16.4	26.0	20.6	80.7	.7	0.0	.7	3.8
11	17.0	28.7	20.6	81.0	0.0	0.0	0.0	7.5
12	15.5	27.2	20.7	75.7	0.0	0.0	0.0	7.7
13	16.2	27.0	20.6	75.7	0.0	0.0	0.0	5.9
14	16.4	28.0	19.9	79.0	4.6	3.7	8.3	4.5
15	16.6	21.0	18.0	91.3	2.6	4.5	7.1	0.0
16	15.5	20.2	17.0	92.3	.8	1.3	2.1	.1
17	15.3	22.6	18.3	84.7	1.0	28.8	29.8	.6
18	15.4	25.6	19.7	84.0	6.9	.9	7.8	2.0
19	17.0	24.6	20.0	85.0	.7	12.9	13.6	1.5
20	16.2	22.4	18.0	89.3	25.3	1.4	26.7	.4
21	15.5	23.6	19.6	85.7	4.4	0.0	4.4	2.0
22	15.4	27.4	20.1	76.0	0.0	0.0	0.0	8.9
23	15.8	26.5	20.4	79.0	0.0	0.0	0.0	8.2
24	16.2	23.8	19.1	84.0	0.0	0.0	0.0	3.5
25	15.8	26.4	20.3	81.7	0.0	0.0	0.0	8.4
26	16.6	27.0	20.4	80.3	0.0	0.0	0.0	8.8
27	15.5	23.5	19.6	82.0	.1	0.0	.1	2.9
28	15.8	26.6	20.6	77.3	0.0	0.0	0.0	5.9
29	17.0	27.2	20.4	80.7	5.9	0.0	5.9	5.7
30	16.5	28.0	20.8	77.3	0.0	0.0	0.0	9.9
31	15.6	27.5	20.7	72.7	0.0	0.0		8.6
Total :					66.8	59.5	126.3	145.4
Promedio :	16.2	25.7	20.0	80.8				

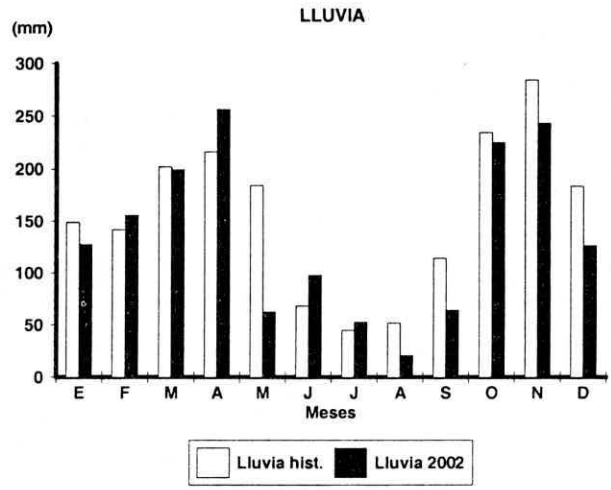
Estación : EL SAUCE
Año : 2002

Dpto. : NARIÑO
Mpio. : LA UNION

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.1	25.7	19.8	28.4	14.2	79.1	127.6	15	170.2
Febrero	16.4	26.3	20.1	30.5	14.5	80.0	156.0	8	137.3
Marzo	16.5	25.6	19.9	29.2	14.8	82.3	199.5	21	110.5
Abril	15.8	25.5	19.8	28.6	14.5	81.9	256.3	21	129.2
Mayo	16.6	26.5	20.8	30.2	13.0	72.4	62.6	17	152.1
Junio	16.0	26.1	20.0	31.2	13.6	68.3	97.9	11	172.7
Julio	16.6	27.6	21.1	30.2	14.5	64.6	52.6	8	186.5
Agosto	16.6	28.2	21.2	31.2	15.0	58.4	20.7	3	200.1
Septiembre	16.0	28.4	21.2	31.0	15.0	63.8	64.1	8	186.4
Octubre	16.1	27.6	20.5	32.0	14.5	70.8	224.6	15	176.0
Noviembre	15.7	25.2	19.4	28.4	14.2	79.3	242.9	15	131.0
Diciembre	16.2	25.7	20.0	29.6	15.0	80.8	126.3	16	145.4
Promedio :	16.2	26.5	20.3			73.5			
Absoluta :				32.0	13.0				
Total :							1631.1	158	1897.4





Estación : OSPINA PEREZ
Año : 2002

Dpto. : NARIÑO
Mpio. : CONSACA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	26.8	19.8	77.0	0.0	15.2	15.2	6.7
2	16.3	24.0	19.6	83.3	1.4	23.6	25.0	4.0
3	16.2	23.8	18.8	82.3	0.0	0.0	0.0	3.4
4	15.5	25.0	19.4	76.7	0.0	0.0	0.0	6.7
5	16.7	24.5	19.6	81.3	0.0	0.0	0.0	3.9
6	16.8	25.6	19.2	82.0	.2	8.7	8.9	4.1
7	16.2	23.4	18.5	83.7	3.2	1.4	4.6	4.3
8	13.3	23.5	17.4	84.3	0.0	8.8	8.8	7.4
9	15.4	22.6	17.9	83.3	1.1	.6	1.7	2.8
10	14.2	26.4	19.1	77.7	0.0	18.9	18.9	8.7
11	16.2	25.0	19.2	78.0	0.0	5.5	5.5	6.3
12	16.4	24.6	19.2	80.7	0.0	8.7	8.7	6.0
13	15.6	22.0	17.6	85.3	4.9	3.4	8.3	.7
14	13.5	23.8	17.3	82.3	3.7	.6	4.3	5.2
15	14.5	24.5	18.9	78.0	1.5	.2	1.7	7.1
16	13.8	25.0	18.5	73.3	.2	0.0	.2	7.5
17	14.2	24.3	18.7	74.3	8.6	.1	8.7	8.0
18	13.2	25.0	18.9	68.0	0.0	0.0	0.0	6.2
19	13.6	26.2	19.2	59.3	0.0	0.0	0.0	8.9
20	13.5	24.6	18.6	73.0	0.0	0.0	0.0	7.4
21	14.0	26.4	19.1	72.0	0.0	0.0	0.0	4.4
22	14.4	26.4	19.6	62.3	0.0	0.0	0.0	6.2
23	16.3	27.2	20.2	68.3	0.0	0.0	0.0	4.1
24	15.8	26.5	19.2	81.7	.9	0.0	.9	3.8
25	16.2	25.0	19.3	80.0	.2	0.0	.2	2.1
26	16.0	24.6	20.0	77.3	0.0	0.0	0.0	4.2
27	15.2	27.4	22.2	53.0	0.0	0.0	0.0	7.8
28	16.2	27.5	22.6	43.0	0.0	0.0	0.0	7.5
29	16.0	27.4	20.7	74.0	0.0	.1	.1	8.4
30	17.0	26.5	20.1	76.3	.8	0.0	.8	3.0
31	17.4	24.2	20.0	76.0	0.0	0.0	0.0	1.2
Total :					26.7	95.8	122.5	168.0
Promedio :	15.3	25.2	19.3	75.1				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	24.6	19.5	79.3	0.0	0.0	0.0	.6
2	16.8	26.6	20.2	77.7	0.0	0.0	0.0	3.8
3	17.0	22.6	18.9	84.7	1.0	0.0	1.0	.3
4	15.5	25.6	18.0	76.0	10.2	.8	11.0	4.6
5	14.4	26.8	19.9	66.3	0.0	0.0	0.0	9.8
6	17.0	24.4	19.2	76.0	0.0	0.0	0.0	.4
7	15.4	25.4	19.2	74.7	0.0	0.0	0.0	6.5
8	15.0	25.4	19.4	67.0	0.0	0.0	0.0	6.1
9	16.2	27.4	20.6	67.7	0.0	0.0	0.0	6.6
10	16.5	25.4	19.2	80.3	0.0	.1	.1	4.4
11	16.8	26.8	20.2	72.0	0.0	0.0	0.0	7.1
12	15.0	28.2	20.4	67.7	0.0	0.0	0.0	7.1
13	17.2	27.2	20.3	72.0	0.0	0.0	0.0	8.6
14	14.9	26.8	19.9	66.7	0.0	0.0	0.0	9.2
15	15.4	26.4	18.4	75.7	0.0	0.0	0.0	3.8
16	15.5	23.6	19.2	73.3	0.0	0.0	0.0	3.5
17	17.0	24.8	19.6	74.7	0.0	0.0	0.0	2.4
18	16.4	23.4	19.0	76.7	0.0	0.0	0.0	2.3
19	17.2	24.8	20.2	71.3	0.0	0.0	0.0	2.9
20	16.9	27.4	21.2	66.7	0.0	0.0	0.0	5.4
21	16.0	25.6	19.8	72.7	0.0	0.0	0.0	3.1
22	16.8	21.0	17.8	92.3	0.0	0.0	0.0	0.0
23	17.0	23.4	19.5	83.0	0.0	0.0	0.0	0.0
24	16.4	27.8	20.8	60.3	0.0	0.0	0.0	1.3
25	17.0	28.0	21.0	67.0	0.0	0.0	0.0	8.6
26	16.5	26.2	20.2	68.3	0.0	20.7	20.7	2.7
27	16.6	25.0	19.4	79.7	1.2	14.5	15.7	2.2
28	16.4	24.0	19.3	79.3	.9	0.0	.9	0.0
29								
30								
31								
Total :					13.3	36.1	49.4	113.3
Promedio :	16.3	25.5	19.7	73.9				

Estación : OSPINA PEREZ
Año : 2002

Dpto. : NARIÑO
Mpio. : CONSACA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	25.8	20.7	75.7	0.0	0.0	0.0	6.3
2	17.2	25.2	20.6	73.3	0.0	0.0	0.0	4.4
3	18.0	24.6	19.8	84.7	3.9	5.1	9.0	4.0
4	17.0	22.8	19.3	79.3	.4	.2	.6	.6
5	15.2	22.5	19.0	78.7	0.0	0.0	0.0	0.0
6	16.2	26.8	20.1	65.7	0.0	0.0	0.0	8.9
7	16.5	27.7	22.0	72.0	.5	11.0	11.5	8.2
8	15.8	25.9	20.4	75.0	0.0	0.0	0.0	3.8
9	16.5	27.8	21.5	69.7	0.0	0.0	0.0	9.3
10	16.2	28.3	21.6	75.3	0.0	0.0	0.0	6.9
11	13.8	23.8	19.4	80.3	0.0	0.0	0.0	.2
12	16.2	24.0	19.2	76.3	0.0	9.6	9.6	1.9
13	16.8	27.2	19.7	73.3	.5	0.0	.5	2.5
14	16.2	27.4	19.2	77.0	.6	0.0	.6	4.3
15	15.5	25.4	19.8	73.7	0.0	0.0	0.0	5.4
16	15.8	28.4	20.2	69.3	3.8	0.0	3.8	5.7
17	16.5	22.4	19.3	76.0	0.0	0.0	0.0	.3
18	15.2	27.8	20.6	65.7	0.0	6.2	6.2	5.6
19	17.2	22.6	19.2	82.3	9.4	7.0	16.4	.3
20	16.8	25.8	19.8	83.3	3.2	52.2	55.4	1.4
21	16.3	27.2	20.4	73.3	0.0	0.0	0.0	.8
22	16.2	27.4	20.3	74.0	0.0	2.9	2.9	4.2
23	16.0	25.0	19.5	71.7	0.0	0.0	0.0	3.6
24	16.5	25.8	20.2	78.0	0.0	0.0	0.0	1.1
25	16.7	27.8	21.1	67.7	0.0	0.0	0.0	7.2
26	17.0	27.4	20.8	73.3	0.0	0.0	0.0	3.2
27	16.8	27.6	20.0	71.0	.8	0.0	.8	4.8
28	17.5	22.2	18.6	92.0	4.3	0.0	4.3	.1
29	17.0	25.8	19.6	79.0	.1	4.0	4.1	.8
30	16.8	28.6	21.2	74.0	0.0	0.0	0.0	6.4
31	17.5	28.8	21.0	72.3	0.0	0.0	0.0	5.7
Total :					27.5	98.2	125.7	117.9
Promedio :	16.4	26.0	20.1	75.3				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	27.0	20.4	78.0	16.0	0.0	16.0	6.6
2	17.5	22.3	19.0	87.7	0.0	0.0	0.0	0.0
3	15.7	24.3	19.2	79.7	6.1	0.0	6.1	2.0
4	17.0	27.2	20.7	76.0	1.9	0.0	1.9	6.0
5	16.0	27.7	20.0	76.7	.2	0.0	.2	6.7
6	16.2	27.0	20.2	68.3	0.0	6.5	6.5	6.8
7	16.8	25.6	19.5	79.0	5.3	0.0	5.3	2.0
8	16.7	19.0	17.4	93.0	11.0	0.0	11.0	0.0
9	15.0	26.0	19.8	72.0	0.0	2.1	2.1	5.7
10	16.0	24.8	20.0	76.0	0.0	5.8	5.8	7.3
11	14.4	26.5	19.5	68.0	0.0	.1	.1	10.4
12	16.0	26.7	20.4	66.7	0.0	.2	.2	9.8
13	16.4	25.0	19.9	70.3	0.0	0.0	0.0	4.1
14	16.3	25.8	19.8	74.0	.3	6.2	6.5	4.4
15	16.4	26.8	20.0	73.7	0.0	0.0	0.0	2.3
16	15.5	27.5	20.2	69.3	0.0	0.0	0.0	5.7
17	15.2	25.0	20.0	71.3	0.0	0.0	0.0	2.4
18	17.0	23.7	19.0	84.0	0.0	0.0	0.0	1.6
19	15.3	25.5	19.0	77.7	0.0	0.0	0.0	5.1
20	17.2	24.3	19.6	81.7	0.0	.8	.8	2.1
21	15.9	26.0	19.6	77.0	1.2	0.0	1.2	.3
22	17.0	25.6	19.6	79.0	7.5	0.0	7.5	5.1
23	16.5	24.8	19.0	84.3	3.9	3.8	7.7	.6
24	16.2	23.0	18.6	84.7	11.1	2.3	13.4	1.3
25	16.6	24.1	19.0	82.3	.9	31.8	32.7	6.0
26	16.1	23.1	18.5	85.7	1.5	1.9	3.4	.8
27	16.4	22.3	18.5	82.3	0.0	.2	.2	5.5
28	15.7	27.0	20.0	74.3	0.0	0.0	0.0	1.7
29	17.0	24.3	19.3	83.7	1.1	0.0	1.1	2.0
30	14.3	22.5	18.2	81.7	.7	0.0	.7	1.8
31								
Total :					68.7	61.7	130.4	116.1
Promedio :	16.2	25.0	19.5	77.9				

Estación : OSPINA PEREZ
Año : 2002

Dpto. : NARIÑO
Mpio. : CONSACA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	21.0	17.8	85.0	3.4	0.0	3.4	0.0
2	15.4	24.2	19.1	74.3	0.0	0.0	0.0	4.0
3	14.4	25.5	19.4	74.0	0.0	0.0	0.0	6.3
4	15.0	27.4	22.2	47.0	0.0	0.0	0.0	8.9
5	17.0	28.0	22.7	45.3	0.0	0.0	0.0	6.7
6	16.9	27.2	21.0	57.3	0.0	0.0	0.0	2.2
7	17.6	28.8	20.9	65.0	0.0	0.0	0.0	7.0
8	15.4	27.8	21.0	62.3	0.0	0.0	0.0	7.8
9	15.5	29.0	20.8	73.3	0.0	0.0	0.0	6.8
10	16.4	28.3	21.0	70.7	0.0	0.0	0.0	6.1
11	16.5	26.6	22.2	55.7	0.0	0.0	0.0	5.8
12	18.4	27.0	23.4	41.7	0.0	0.0	0.0	5.6
13	18.5	28.6	23.5	43.7	0.0	0.0	0.0	6.5
14	18.0	28.8	23.8	42.3	0.0	0.0	0.0	4.9
15	17.5	27.6	21.0	73.3	0.0	0.0	0.0	5.1
16	17.4	26.8	20.4	77.3	.6	0.0	.6	4.2
17	18.0	25.2	20.2	80.7	0.0	0.0	0.0	1.1
18	16.0	27.3	19.9	76.7	4.0	0.0	4.0	0.0
19	16.7	25.6	19.4	78.7	10.6	.5	11.1	5.8
20	17.3	26.4	20.0	79.7	0.0	74.3	74.3	3.4
21	16.5	23.4	18.2	84.0	15.6	0.0	15.6	.7
22	15.8	24.6	19.1	84.0	.2	0.0	.2	1.1
23	16.5	26.8	20.4	76.3	0.0	0.0	0.0	3.0
24	16.0	28.4	20.8	69.0	.4	6.2	6.6	7.5
25	14.4	21.4	16.8	87.7	0.0	0.0	0.0	7.2
26	14.0	25.4	18.2	65.0	0.0	0.0	0.0	4.0
27	14.5	26.0	19.8	65.7	0.0	0.0	0.0	7.3
28	16.9	23.4	19.3	75.7	0.0	0.0	0.0	.6
29	16.1	25.4	19.3	74.7	0.0	0.0	0.0	1.5
30	16.2	24.6	18.8	74.0	0.0	7.3	7.3	3.7
31	16.4	23.0	18.8	80.3	.5	0.0	.5	2.6
Total					35.3	88.3	123.6	137.4
Promedio :	16.4	26.1	20.3	69.0				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	24.4	19.0	84.7	0.0	0.0	0.0	8.4
2	15.0	26.5	20.0	73.7	0.0	0.0	0.0	5.1
3	15.5	23.0	18.2	85.7	8.5	29.4	37.9	.2
4	15.4	22.8	18.2	75.0	.3	7.0	7.3	1.9
5	15.6	21.4	17.2	85.7	3.7	9.2	12.9	.7
6	14.4	22.2	17.2	76.0	5.1	.1	5.2	.6
7	14.5	21.6	17.7	79.0	2.2	0.0	2.2	.8
8	14.4	25.6	18.9	81.0	.4	1.3	1.7	5.3
9	15.2	21.5	17.6	80.7	3.0	0.0	3.0	.9
10	14.8	26.2	19.6	76.0	0.0	5.5	5.5	8.2
11	15.8	22.6	18.4	67.3	.3	0.0	.3	.8
12	15.3	26.6	19.9	68.7	0.0	0.0	0.0	8.0
13	14.4	24.4	18.4	72.0	3.9	.1	4.0	3.6
14	14.5	24.6	18.6	76.7	0.0	0.0	0.0	6.2
15	15.3	25.6	19.4	73.3	0.0	0.0	0.0	5.0
16	16.0	27.0	20.7	69.0	0.0	0.0	0.0	6.3
17	17.0	24.2	21.0	45.7	0.0	0.0	0.0	3.3
18	14.6	26.0	20.9	47.7	0.0	0.0	0.0	7.1
19	17.0	25.4	21.4	52.0	0.0	0.0	0.0	2.2
20	16.2	26.0	20.1	62.3	0.0	0.0	0.0	2.3
21	16.7	25.5	21.8	30.7	0.0	0.0	0.0	10.6
22	15.2	25.0	20.2	37.0	0.0	0.0	0.0	9.6
23	19.0	25.2	21.8	32.0	0.0	0.0	0.0	6.5
24	17.8	24.0	21.0	35.3	0.0	0.0	0.0	6.0
25	16.0	26.2	21.4	38.7	0.0	0.0	0.0	7.8
26	18.0	27.4	21.9	41.7	0.0	0.0	0.0	8.8
27	14.5	28.6	21.6	54.0	0.0	0.0	0.0	9.1
28	14.4	29.4	21.0	58.0	0.0	0.0	0.0	7.3
29	16.5	24.9	19.6	79.7	.1	0.0	.1	6.6
30	16.4	29.0	21.6	68.3	0.0	0.0	0.0	8.9
31								
Total					27.5	52.6	80.1	158.1
Promedio :	15.7	25.1	19.8	63.6				

Estación : OSPINA PEREZ
Año : 2002

Dpto. : NARIÑO
Mpio. : CONSACA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	29.0	22.9	43.0	0.0	0.0	0.0	9.3
2	16.4	28.4	22.5	45.7	0.0	0.0	0.0	6.6
3	15.6	27.9	19.9	72.7	0.0	0.0	0.0	6.3
4	16.5	26.8	20.6	68.7	0.0	0.0	0.0	3.9
5	16.7	24.1	18.9	79.3	31.0	2.1	33.1	2.2
6	16.0	24.9	19.9	76.3	0.0	0.0	0.0	1.4
7	14.9	27.8	20.2	74.0	0.0	0.0	0.0	8.0
8	16.0	27.2	20.2	79.3	0.0	0.0	0.0	6.8
9	14.0	28.0	20.0	71.7	0.0	0.0	0.0	9.6
10	13.8	25.4	18.8	76.3	9.9	.1	10.0	6.6
11	16.0	26.0	19.8	83.7	6.5	0.0	6.5	6.4
12	15.5	25.0	19.8	74.7	0.0	0.0	0.0	5.2
13	15.6	26.4	20.6	58.0	0.0	0.0	0.0	1.8
14	15.5	28.0	19.8	63.0	0.0	0.0	0.0	6.8
15	14.4	25.6	18.9	74.3	0.0	0.0	0.0	5.3
16	14.2	25.3	18.8	76.7	0.0	0.0	0.0	5.3
17	15.0	25.0	19.0	79.3	0.0	0.0	0.0	3.0
18	15.2	24.5	18.3	84.3	0.0	0.0	0.0	2.7
19	14.0	25.8	19.0	73.3	0.0	0.0	0.0	7.8
20	14.2	24.1	18.1	76.0	0.0	0.0	0.0	2.6
21	13.8	24.3	18.5	74.0	0.0	0.0	0.0	5.8
22	14.4	25.2	19.0	79.3	0.0	0.0	0.0	2.3
23	14.6	24.7	19.1	76.7	0.0	.3	.3	3.2
24	15.8	23.5	19.0	82.0	.8	.2	1.0	5.2
25	14.6	25.8	19.6	68.0	0.0	0.0	0.0	6.0
26	15.8	26.6	21.2	33.3	0.0	0.0	0.0	9.0
27	14.5	26.5	21.0	40.7	0.0	0.0	0.0	10.3
28	16.0	28.0	21.9	40.7	0.0	7.5	7.5	7.9
29	16.5	26.8	21.1	47.0	9.3	3.7	13.0	5.2
30	15.0	26.5	19.0	54.7	0.0	0.0	0.0	4.1
31	13.2	24.0	17.6	74.7	.3	0.0	.3	8.3
Total :					57.8	13.9	71.7	174.9
Promedio :	15.2	26.0	19.8	67.8				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	26.3	19.6	51.0	0.0	0.0	0.0	8.2
2	14.4	27.7	21.2	43.0	0.0	0.0	0.0	9.8
3	15.0	27.3	19.9	49.3	0.0	0.0	0.0	4.3
4	14.2	26.1	21.2	45.7	0.0	0.0	0.0	3.7
5	14.5	29.0	21.0	43.3	0.0	0.0	0.0	9.4
6	15.3	28.9	20.6	55.3	0.0	0.0	0.0	6.4
7	15.5	26.8	21.3	47.0	0.0	0.0	0.0	5.5
8	15.2	26.8	19.3	68.7	0.0	0.0	0.0	6.6
9	14.8	24.7	19.4	48.3	0.0	0.0	0.0	10.2
10	17.4	25.5	21.5	29.3	0.0	0.0	0.0	4.8
11	14.8	26.0	20.4	46.7	0.0	0.0	0.0	8.3
12	15.6	28.3	22.4	44.0	0.0	0.0	0.0	7.8
13	16.0	28.5	23.0	35.0	0.0	0.0	0.0	7.9
14	16.5	26.1	21.1	49.0	0.0	0.0	0.0	5.8
15	17.5	28.0	22.2	44.3	0.0	0.0	0.0	9.7
16	17.6	28.2	22.6	45.0	0.0	0.0	0.0	6.4
17	19.4	27.5	23.2	34.7	0.0	0.0	0.0	10.1
18	15.5	29.2	22.5	45.7	0.0	0.0	0.0	8.1
19	14.0	27.8	19.8	62.0	0.0	0.0	0.0	6.6
20	14.8	28.8	21.6	55.3	0.0	0.0	0.0	3.7
21	14.0	29.4	21.0	58.7	0.0	0.0	0.0	10.2
22	14.2	29.0	20.2	65.0	0.0	0.0	0.0	10.0
23	14.0	27.4	21.8	51.7	0.0	0.0	0.0	5.9
24	13.9	28.8	20.2	57.0	0.0	0.0	0.0	8.7
25	14.5	29.0	19.8	71.3	0.0	0.0	0.0	4.2
26	14.2	26.0	18.8	73.7	0.0	0.0	0.0	8.0
27	15.0	25.2	19.2	72.7	0.0	0.0	0.0	6.0
28	13.5	27.5	19.7	64.3	0.0	12.0	12.0	7.1
29	15.5	24.6	19.0	82.0	5.0	7.0	12.0	1.9
30	15.2	25.5	18.4	82.3	0.0	2.7	2.7	2.2
31	15.5	24.2	19.3	81.0	2.7	0.0	2.7	4.2
Total :					7.7	21.7	29.4	211.7
Promedio :	15.2	27.2	20.7	54.9				

Estación : OSPINA PEREZ
Año : 2002

Dpto. : NARIÑO
Mpio. : CONSACA

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	26.0	18.6	74.7	.3	0.0	.3	3.5
2	14.6	25.4	18.5	76.0	0.0	0.0	0.0	3.5
3	15.0	24.6	18.6	79.3	.2	0.0	.2	3.1
4	15.3	28.0	21.8	40.7	0.0	0.0	0.0	9.0
5	15.5	28.1	20.2	50.7	0.0	0.0	0.0	6.8
6	14.8	28.6	20.3	63.7	0.0	0.0	0.0	9.7
7	15.2	25.8	21.9	47.0	0.0	0.0	0.0	7.0
8	16.0	29.0	20.2	55.7	0.0	0.0	0.0	5.6
9	15.0	29.2	20.6	56.3	0.0	0.0	0.0	6.0
10	13.2	28.0	19.4	66.0	0.0	0.0	0.0	5.2
11	13.8	28.5	20.2	67.3	0.0	0.0	0.0	8.5
12	13.2	29.0	20.0	53.0	0.0	0.0	0.0	8.2
13	14.0	29.2	20.8	50.7	0.0	0.0	0.0	7.7
14	14.4	25.6	19.4	72.3	0.0	0.0	0.0	2.4
15	14.2	27.5	20.0	69.3	0.0	0.0	0.0	3.9
16	15.0	28.9	19.5	71.0	0.0	0.0	0.0	4.8
17	13.7	26.0	18.6	72.0	0.0	0.0	0.0	2.7
18	14.5	23.8	18.1	80.3	0.0	0.0	0.0	1.3
19	14.6	28.9	19.8	70.7	0.0	0.0	0.0	8.5
20	14.5	28.6	19.8	66.3	0.0	0.0	0.0	9.1
21	15.4	28.3	21.0	59.7	0.0	0.0	0.0	8.5
22	13.5	28.5	20.0	59.3	0.0	0.0	0.0	7.4
23	12.5	27.2	19.6	60.0	0.0	0.0	0.0	10.2
24	14.5	24.8	18.8	70.7	7.1	4.4	11.5	4.6
25	15.4	24.4	18.6	81.3	16.6	15.7	32.3	1.0
26	14.5	25.0	18.4	79.7	.3	.1	.4	3.5
27	15.7	26.0	19.4	76.3	.3	0.0	.3	4.1
28	15.0	24.7	18.6	78.7	0.0	0.0	0.0	1.3
29	13.7	27.6	19.2	63.7	0.0	0.0	0.0	7.7
30	12.6	29.5	20.0	55.3	0.0	0.0	0.0	8.9
31								
Total :					24.8	20.2	45.0	173.7
Promedio :	14.5	27.2	19.7	65.6				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	29.0	20.4	61.3	0.0	0.0	0.0	7.3
2	14.9	28.0	21.4	37.3	0.0	0.0	0.0	6.0
3	13.9	28.5	20.8	48.7	0.0	0.0	0.0	7.5
4	14.5	28.4	21.3	46.3	0.0	0.0	0.0	6.9
5	14.2	27.3	19.8	64.3	0.0	0.0	0.0	4.4
6	14.8	27.2	19.7	56.0	0.0	0.0	0.0	4.0
7	14.2	27.5	18.8	73.7	0.0	0.0	0.0	7.5
8	13.2	28.4	20.6	63.0	0.0	1.1	1.1	4.5
9	15.7	26.0	19.1	64.7	0.0	0.0	0.0	6.4
10	15.5	29.2	20.1	58.3	0.0	0.0	0.0	1.8
11	15.0	26.0	21.2	56.7	0.0	0.0	0.0	5.4
12	15.1	29.0	21.8	45.3	0.0	0.0	0.0	8.0
13	15.5	26.5	19.4	70.3	0.0	0.0	0.0	5.0
14	12.9	28.6	20.0	55.0	0.0	0.0	0.0	10.0
15	16.4	28.0	20.0	76.0	2.6	.6	3.2	6.2
16	14.8	27.9	20.1	67.3	0.0	32.4	32.4	4.2
17	15.0	25.0	18.6	83.0	2.4	35.1	37.5	3.1
18	15.1	27.4	19.0	77.0	0.0	0.0	0.0	7.3
19	15.8	28.3	20.3	72.7	0.0	0.0	0.0	8.0
20	16.0	27.5	19.9	77.0	1.9	59.7	61.6	.6
21	15.4	23.4	18.2	86.0	9.7	1.1	10.8	1.4
22	15.5	23.2	18.1	87.0	2.3	3.5	5.8	.9
23	15.0	23.4	18.6	80.3	.8	15.4	16.2	4.4
24	14.0	24.3	18.6	77.7	0.0	12.1	12.1	3.7
25	14.8	26.0	18.6	77.7	0.0	1.4	1.4	8.0
26	15.7	24.0	18.1	82.3	2.9	14.5	17.4	1.1
27	14.9	22.3	18.0	81.7	6.4	.1	6.5	.5
28	14.5	23.8	18.0	81.0	0.0	8.0	8.0	3.5
29	14.6	23.6	17.5	82.3	.1	0.0	.1	3.6
30	15.0	25.3	18.6	80.3	.3	2.5	2.8	4.3
31	15.4	24.5	18.4	78.7	.4	4.9	5.3	4.0
Total :					29.8	192.4	222.2	149.5
Promedio :	14.9	26.4	19.5	69.3				

Estación : OSPINA PEREZ
Año : 2002

Dpto. : NARIÑO
Mpio. : CONSACA

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	22.0	17.2	92.3	12.9	19.9	32.8	1.1
2	14.8	23.5	18.2	84.7	0.0	8.8	8.8	2.1
3	15.0	23.0	17.0	92.3	10.6	0.0	10.6	2.7
4	13.8	24.6	18.2	79.0	.1	11.3	11.4	5.6
5	15.0	25.8	18.8	73.7	0.0	8.8	8.8	5.0
6	14.4	22.5	17.3	83.3	1.1	.9	2.0	.9
7	14.5	22.6	16.8	91.3	4.2	0.0	4.2	1.7
8	15.0	22.5	17.4	90.7	3.1	3.1	6.2	.7
9	15.6	24.9	18.5	80.3	.9	6.4	7.3	3.5
10	13.5	25.5	18.8	81.0	0.0	4.5	4.5	1.6
11	15.2	25.8	18.6	85.0	0.0	0.0	0.0	3.7
12	15.1	21.8	17.4	86.0	1.6	15.7	17.3	1.6
13	14.8	21.7	16.8	90.7	.2	0.0	.2	1.6
14	15.0	27.4	19.2	79.7	0.0	0.0	0.0	7.0
15	14.0	25.5	18.4	81.0	0.0	0.0	0.0	7.8
16	14.8	23.1	18.4	86.7	0.0	0.0	0.0	1.9
17	15.4	24.7	19.2	80.3	0.0	0.0	0.0	3.6
18	15.8	23.4	17.9	90.0	1.1	19.4	20.5	3.6
19	14.4	23.5	18.3	84.7	0.0	.1	.1	6.5
20	14.2	25.0	18.2	82.7	0.0	0.0	0.0	7.0
21	16.0	24.6	18.8	77.7	0.0	0.0	0.0	8.0
22	15.4	25.8	19.0	73.3	0.0	0.0	0.0	8.3
23	14.8	25.0	20.4	39.7	0.0	0.0	0.0	7.5
24	13.0	26.1	18.8	62.7	0.0	0.0	0.0	7.0
25	14.6	27.5	19.8	66.7	0.0	0.0	0.0	8.5
26	15.2	26.0	20.0	76.0	0.0	0.0	0.0	7.5
27	15.5	26.5	20.1	81.3	0.0	0.0	0.0	4.0
28	16.0	27.8	20.6	75.7	0.0	0.0	0.0	7.5
29	16.3	24.1	19.4	86.7	0.0	0.0	0.0	1.9
30	16.5	27.6	20.4	72.0	0.0	0.0	0.0	4.4
31								
Total :					35.8	98.9	134.7	133.8
Promedio :	15.0	24.7	18.6	80.2				

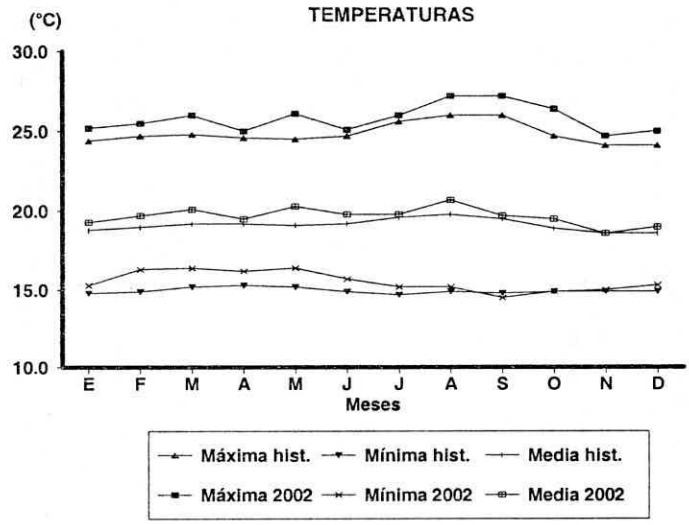
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	28.4	21.0	73.0	0.0	0.0	0.0	6.7
2	16.5	28.0	20.0	71.3	0.0	0.0	0.0	6.2
3	14.4	28.5	19.9	78.7	0.0	0.0	0.0	6.8
4	14.5	23.8	18.4	82.7	0.0	.5	.5	3.6
5	17.0	24.7	19.0	89.3	.8	0.0	.8	3.0
6	15.6	25.0	19.3	80.3	0.0	1.4	1.4	3.5
7	16.5	22.9	18.6	88.3	0.0	0.0	0.0	.8
8	15.0	24.3	18.0	85.0	2.1	.1	2.2	6.4
9	15.4	26.4	19.7	76.3	0.0	0.0	0.0	7.0
10	15.0	26.5	19.5	77.3	0.0	0.0	0.0	7.2
11	16.9	26.8	19.9	79.7	0.0	0.0	0.0	6.9
12	14.5	25.7	19.4	70.7	0.0	0.0	0.0	6.1
13	15.2	25.5	20.0	72.0	0.0	1.1	1.1	6.4
14	15.0	25.6	18.4	77.7	0.0	0.0	0.0	5.7
15	15.6	19.7	17.2	94.0	0.0	3.0	3.0	.1
16	15.4	19.0	16.7	96.3	0.0	.2	.2	0.0
17	15.2	23.1	17.9	84.7	3.7	.4	4.1	1.2
18	14.8	23.2	18.5	85.0	0.0	0.0	0.0	3.8
19	15.4	25.8	18.8	87.7	.9	12.8	13.7	3.5
20	16.5	22.0	17.4	93.7	2.1	16.8	18.9	4.1
21	15.0	24.5	18.3	84.7	0.0	1.9	1.9	8.1
22	14.1	25.0	18.4	79.3	0.0	.2	.2	8.8
23	13.9	26.5	19.1	75.3	0.0	0.0	0.0	6.1
24	14.5	21.5	18.0	87.7	3.6	.3	3.9	4.2
25	14.3	26.6	19.1	80.7	2.4	0.0	2.4	6.1
26	16.5	25.7	19.7	81.7	0.0	0.0	0.0	5.5
27	14.5	23.0	18.2	81.0	0.0	0.0	0.0	6.4
28	15.0	25.6	19.7	74.7	0.0	0.0	0.0	4.8
29	16.5	26.4	20.1	76.7	4.3	3.4	7.7	3.6
30	14.6	26.8	19.8	77.7	7.1	0.0	7.1	8.4
31	14.9	27.3	19.7	76.3	0.0	0.0		7.5
Total :					27.0	42.1	69.1	158.5
Promedio :	15.3	25.0	19.0	81.3				

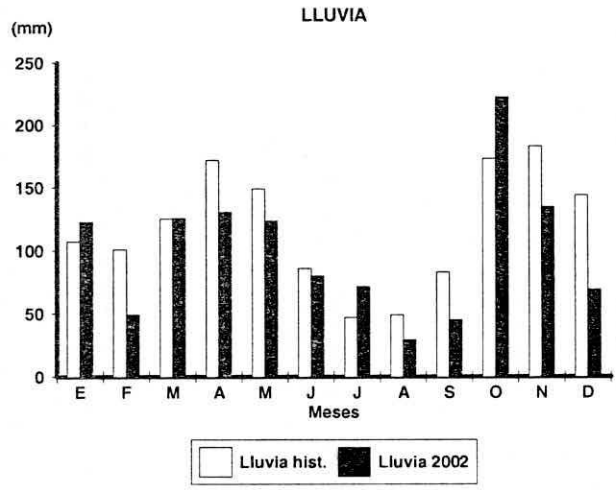
Estación : OSPINA PEREZ
Año : 2002

Dpto. : NARIÑO
Mpio. : CONSACA

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	15.3	25.2	19.3	27.5	13.2	75.1	122.5	18	168.0
Febrero	16.3	25.5	19.7	28.2	14.4	73.9	49.4	6	113.3
Marzo	16.4	26.0	20.1	28.8	13.8	75.3	125.7	14	117.9
Abril	16.2	25.0	19.5	27.7	14.3	77.9	130.4	22	116.1
Mayo	16.4	26.1	20.3	29.0	14.0	69.0	123.6	10	137.4
Junio	15.7	25.1	19.8	29.4	14.4	63.6	80.1	11	158.1
Julio	15.2	26.0	19.8	29.0	13.2	67.8	71.7	8	174.9
Agosto	15.2	27.2	20.7	29.4	13.5	54.9	29.4	4	211.7
Septiembre	14.5	27.2	19.7	29.5	12.5	65.6	45.0	6	173.7
Octubre	14.9	26.4	19.5	29.2	12.9	69.3	222.2	16	149.5
Noviembre	15.0	24.7	18.6	27.8	13.0	80.2	134.7	14	133.8
Diciembre	15.3	25.0	19.0	28.5	13.9	81.3	69.1	16	158.5
Promedio :	15.5	25.8	19.7			71.2			
Absoluta :				29.5	12.5				
Total :							1203.8	145	1812.9





Estación : GABRIEL MARIA BARRIGA Dpto. : NORTE SANTANDER Latitud : 8 ° 25 ' N
Año : 2002 Mpio. : CONVENCION Longitud : 73 ° 20 ' W
Altitud : 1320 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	26.4	19.8	56.3	0.0	0.0	0.0	6.2
2	15.4	26.0	20.6	80.7	0.0	0.0	0.0	7.9
3	16.0	25.4	20.6	32.0	0.0	0.0	0.0	6.7
4	15.0	26.5	20.0	76.3	0.0	0.0	0.0	9.0
5	17.5	24.8	19.5	87.3	.3	.1	.4	3.7
6	17.8	21.4	18.8	91.0	0.0	2.0	2.0	0.0
7	17.5	21.4	18.6	94.3	3.2	0.0	3.2	.2
8	15.0	25.4	19.6	83.3	0.0	0.0	0.0	6.7
9	16.0	24.4	18.8	86.0	0.0	0.0	0.0	5.3
10	16.5	24.8	19.4	81.7	0.0	0.0	0.0	5.4
11	15.4	24.8	19.0	82.3	0.0	0.0	0.0	6.1
12	17.2	25.0	20.0	84.0	0.0	0.0	0.0	5.5
13	16.5	25.5	19.6	82.7	0.0	0.0	0.0	5.1
14	16.7	25.0	20.4	83.7	0.0	0.0	0.0	5.0
15	18.0	26.4	20.9	83.7	0.0	4.8	4.8	4.9
16	17.5	19.0	18.1	96.0	6.1	0.0	6.1	0.0
17	16.0	21.8	18.5	90.7	0.0	0.0	0.0	.9
18	16.5	25.5	19.4	85.0	0.0	0.0	0.0	5.4
19	16.7	24.9	20.0	81.7	0.0	.1	.1	5.9
20	17.4	18.5	18.0	96.0	0.0	0.0	0.0	0.0
21	17.0	20.0	18.5	91.7	0.0	0.0	0.0	0.0
22	16.8	21.8	19.0	89.0	0.0	0.0	0.0	.1
23	17.5	20.8	18.6	93.7	0.0	0.0	0.0	.1
24	16.8	24.6	18.4	96.7	0.0	0.0	0.0	3.8
25	16.5	25.8	19.5	80.3	0.0	0.0	0.0	5.8
26	17.0	23.9	18.8	85.7	0.0	0.0	0.0	5.0
27	15.0	23.6	19.3	83.0	0.0	0.0	0.0	4.2
28	16.5	25.2	19.9	84.3	0.0	0.0	0.0	4.9
29	17.0	21.2	19.2	88.3	0.0	0.0	0.0	.1
30	17.2	19.6	18.4	94.3	0.0	0.0	0.0	0.0
31	18.0	22.4	19.8	87.7	0.0	0.0	0.0	.5
Total :					9.6	7.0	16.6	114.4
Promedio :	16.7	23.6	19.3	84.2				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	24.6	19.8	86.3	0.0	0.0	0.0	2.0
2	17.7	25.9	21.0	84.0	0.0	0.0	0.0	3.5
3	17.5	25.6	20.5	86.0	0.0	3.0	3.0	2.1
4	16.7	25.0	19.4	88.7	.2	4.8	5.0	3.8
5	15.5	23.6	17.9	87.0	0.0	0.0	0.0	1.2
6	15.0	20.6	17.0	92.7	0.0	0.0	0.0	1.8
7	16.2	24.6	19.2	85.7	0.0	0.0	0.0	3.1
8	17.5	25.8	20.2	83.7	0.0	.2	.2	4.6
9	16.5	23.6	19.0	86.7	0.0	0.0	0.0	4.4
10	15.5	19.5	17.2	94.7	1.6	0.0	1.6	0.0
11	16.5	24.2	19.3	86.7	0.0	0.0	0.0	4.0
12	15.4	23.4	18.8	83.7	0.0	0.0	0.0	1.4
13	15.0	24.6	18.8	81.7	0.0	0.0	0.0	5.8
14	14.9	25.8	19.8	80.3	0.0	0.0	0.0	6.7
15	16.0	25.4	20.0	79.3	0.0	0.0	0.0	4.0
16	15.5	26.0	20.2	83.0	0.0	0.0	0.0	5.7
17	17.5	26.6	21.2	79.3	0.0	0.0	0.0	6.2
18	17.0	27.0	20.8	82.3	0.0	.3	.3	4.6
19	16.8	23.0	19.9	88.0	0.0	2.0	2.0	2.0
20	16.0	18.5	17.4	93.0	0.0	0.0	0.0	0.0
21	16.5	25.0	19.5	82.3	0.0	0.0	0.0	4.7
22	16.8	26.6	20.7	76.0	0.0	0.0	0.0	7.0
23	16.4	28.8	21.5	78.3	0.0	0.0	0.0	6.0
24	17.5	27.0	21.0	78.3	0.0	0.0	0.0	5.3
25	17.6	26.4	20.8	80.0	0.0	0.0	0.0	6.9
26	15.5	26.8	20.3	80.3	0.0	0.0	0.0	5.4
27	16.5	21.7	17.7	92.3	0.0	0.0	0.0	.7
28	15.5	21.8	18.2	85.3	0.0	0.0	0.0	1.5
29								
30								
31								
Total :					1.8	10.3	12.1	104.4
Promedio :	16.4	24.6	19.5	84.5				

Estación : GABRIEL MARIA BARRIGA
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : CONVENCION

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	18.8	17.2	87.7	0.0	0.0	0.0	0.0
2	16.0	23.8	19.2	83.7	0.0	0.0	0.0	2.3
3	16.4	25.8	20.0	82.0	0.0	0.0	0.0	5.1
4	16.0	26.8	20.3	74.0	0.0	0.0	0.0	7.1
5	16.3	23.7	18.9	79.3	0.0	0.0	0.0	4.2
6	16.0	22.9	17.6	84.0	0.0	0.0	0.0	2.3
7	14.0	26.6	19.8	69.0	0.0	0.0	0.0	6.2
8	15.0	25.0	19.5	80.0	0.0	0.0	0.0	7.2
9	16.5	27.6	21.6	74.3	0.0	0.0	0.0	3.9
10	16.6	27.5	20.8	76.7	0.0	0.0	0.0	5.2
11	17.2	26.8	20.8	79.3	0.0	.2	.2	2.9
12	17.0	20.6	18.0	94.3	0.0	0.0	0.0	0.0
13	17.5	26.6	20.6	79.3	0.0	0.0	0.0	4.3
14	18.0	27.5	21.6	78.0	0.0	3.9	3.9	3.6
15	17.8	26.0	20.0	87.7	0.0	0.0	0.0	1.4
16	18.0	22.3	19.8	89.7	0.0	0.0	0.0	0.0
17	17.7	25.4	20.9	82.3	0.0	0.0	0.0	1.8
18	17.5	24.4	20.6	86.0	0.0	0.0	0.0	.8
19	17.4	23.2	19.6	87.7	0.0	0.0	0.0	.3
20	18.0	22.0	19.0	94.0	1.5	1.4	2.9	0.0
21	17.8	22.0	19.3	92.7	1.1	0.0	1.1	.1
22	18.2	24.8	20.2	88.7	.5	0.0	.5	.5
23	18.0	26.0	21.5	82.7	0.0	0.0	0.0	2.6
24	18.1	25.4	21.0	84.0	0.0	0.0	0.0	.6
25	17.0	25.0	21.1	83.0	0.0	0.0	0.0	.1
26	16.5	27.5	21.6	81.3	0.0	0.0	0.0	5.4
27	18.5	28.0	22.2	78.7	0.0	0.0	0.0	4.4
28	17.8	28.2	21.8	81.7	2.3	36.4	38.7	3.8
29	17.0	25.4	19.0	84.7	1.8	0.0	1.8	5.1
30	16.0	21.0	19.3	92.7	.3	0.0	.3	0.0
31	18.0	25.4	21.0	83.7	0.0	0.0	0.0	2.9
Total :					7.5	41.9	49.4	84.1
Promedio :	17.0	24.9	20.1	83.3				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	26.0	21.2	84.0	0.0	.1	.1	2.4
2	18.2	25.0	20.6	89.0	0.0	0.0	0.0	1.2
3	16.5	24.8	20.8	86.7	0.0	0.0	0.0	2.0
4	18.0	23.4	20.8	90.7	0.0	0.0	0.0	1.5
5	18.4	27.6	21.9	84.0	0.0	4.6	4.6	2.1
6	18.3	27.3	21.8	84.7	0.0	0.0	0.0	2.9
7	16.0	26.8	20.0	82.3	0.0	15.5	15.5	3.1
8	16.5	21.8	17.5	96.0	8.4	.1	8.5	1.2
9	15.5	25.0	19.1	85.7	.7	0.0	.7	3.0
10	14.5	25.9	20.2	82.0	0.0	22.9	22.9	5.0
11	17.0	23.4	19.0	92.3	1.1	5.7	6.8	1.5
12	15.6	23.0	17.3	81.0	0.0	0.0	0.0	2.6
13	14.5	25.6	19.6	82.3	0.0	0.0	0.0	6.5
14	17.0	26.0	19.5	86.0	0.0	0.0	0.0	3.6
15	17.0	20.5	18.1	94.7	0.0	0.0	0.0	.5
16	17.5	22.2	19.6	89.0	0.0	0.0	0.0	1.0
17	17.8	22.6	19.3	93.3	.5	0.0	.5	.6
18	17.5	26.2	20.7	84.7	0.0	10.0	10.0	1.4
19	17.2	19.4	18.4	94.7	1.0	1.6	2.6	0.0
20	17.5	26.4	20.3	87.3	.6	1.9	2.5	3.9
21	18.0	27.2	20.8	86.0	.5	.7	1.2	2.2
22	18.5	25.6	21.3	87.0	0.0	0.0	0.0	2.4
23	18.0	26.3	20.6	90.3	0.0	0.0	0.0	2.1
24	18.4	21.5	19.9	92.7	.4	0.0	.4	0.0
25	18.5	27.4	20.6	83.0	1.6	0.0	1.6	3.6
26	17.4	23.8	19.9	86.7	0.0	5.2	5.2	2.4
27	17.0	23.0	19.3	90.3	0.0	0.0	0.0	1.2
28	16.5	22.0	18.0	94.0	9.3	0.0	9.3	.9
29	15.5	25.4	20.0	88.3	0.0	0.0	0.0	2.6
30	18.0	26.4	21.3	84.3	0.0	0.0	0.0	5.2
31								
Total :					24.1	68.3	92.4	68.6
Promedio :	17.1	24.6	19.9	87.8				

Estación : GABRIEL MARIA BARRIGA Dpto. : NORTE SANTANDER Latitud : 8 ° 25 ' N
Año : 2002 Mpio. : CONVENCION Longitud : 73 ° 20 ' W
Altitud : 1320 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	24.9	20.7	89.3	0.0	0.0	0.0	.8
2	16.5	27.2	20.4	82.3	0.0	0.0	0.0	4.2
3	16.0	27.0	20.6	84.7	0.0	0.0	0.0	7.4
4	18.5	27.5	21.8	83.7	0.0	0.0	0.0	5.9
5	18.0	27.0	21.7	80.3	0.0	0.0	0.0	5.7
6	18.5	25.4	21.0	86.3	0.0	0.0	0.0	2.2
7	18.7	23.6	20.4	91.3	0.0	0.0	0.0	.1
8	18.4	24.2	21.0	87.7	0.0	0.0	0.0	.7
9	18.7	26.0	21.1	88.0	0.0	0.0	0.0	1.0
10	18.3	23.4	20.3	89.0	.3	1.0	1.3	.1
11	16.7	26.5	21.0	82.7	0.0	0.0	0.0	5.5
12	18.4	27.5	22.2	79.7	0.0	0.0	0.0	8.3
13	17.0	27.9	21.9	82.0	0.0	0.0	0.0	4.7
14	19.0	27.5	21.5	80.7	0.0	0.0	0.0	3.7
15	16.7	27.6	21.8	83.3	0.0	0.0	0.0	4.8
16	18.0	26.5	21.8	83.7	0.0	0.0	0.0	3.9
17	19.3	27.0	21.4	85.3	0.0	0.0	0.0	2.2
18	18.3	24.8	21.0	86.7	0.0	0.0	0.0	.6
19	17.4	25.8	21.5	82.0	0.0	0.0	0.0	3.6
20	17.5	28.0	22.2	80.3	.4	0.0	.4	5.1
21	16.6	28.5	22.4	80.3	0.0	0.0	0.0	.2
22	17.8	26.0	19.5	96.3	31.5	0.0	31.5	6.4
23	18.7	27.6	21.1	79.3	1.4	0.0	1.4	5.3
24	18.0	27.5	22.3	77.0	0.0	.7	.7	2.6
25	18.2	28.5	21.2	81.7	0.0	1.6	1.6	.9
26	17.5	26.2	19.6	84.3	1.4	0.0	1.4	5.2
27	17.0	28.0	21.0	77.3	.6	1.3	1.9	3.9
28	17.3	26.3	20.8	83.0	0.0	3.5	3.5	2.2
29	17.5	28.3	21.0	78.3	.7	38.9	39.6	6.4
30	16.5	27.9	21.5	79.3	3.7	9.5	13.2	2.2
31	17.6	22.4	19.4	91.3	0.0	0.0	0.0	0.0
Total :					40.0	56.5	96.5	105.8
Promedio :	17.8	26.5	21.1	83.8				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	27.0	21.6	80.7	0.0	0.0	0.0	1.3
2	16.7	27.0	21.0	80.7	4.2	0.0	4.2	5.1
3	17.5	28.8	21.9	82.3	.2	.8	1.0	6.6
4	18.4	28.0	21.2	76.0	2.8	5.8	8.6	3.5
5	16.8	25.4	20.2	87.7	6.0	67.0	73.0	2.8
6	16.0	26.6	20.3	80.0	9.9	10.7	20.6	4.1
7	16.7	28.4	20.5	86.3	.2	2.6	2.8	4.7
8	17.5	25.4	21.1	87.0	0.0	0.0	0.0	4.7
9	16.7	25.0	21.0	85.0	0.0	0.0	0.0	.7
10	15.5	27.3	21.6	80.3	1.1	0.0	1.1	7.3
11	17.4	27.5	21.2	81.7	33.2	0.0	33.2	5.4
12	16.7	27.0	21.7	77.7	0.0	.8	.8	8.9
13	16.5	27.5	20.6	80.7	0.0	0.0	0.0	7.4
14	16.0	27.8	21.2	75.7	0.0	0.0	0.0	5.7
15	16.9	27.6	21.5	82.3	.4	10.8	11.2	6.3
16	16.3	26.8	21.1	82.0	0.0	0.0	0.0	7.3
17	16.0	26.5	21.5	81.3	0.0	0.0	0.0	4.3
18	17.5	26.0	21.2	79.7	0.0	0.0	0.0	1.5
19	17.4	24.8	20.5	84.0	0.0	0.0	0.0	4.5
20	15.5	27.0	21.5	77.7	0.0	0.0	0.0	8.6
21	17.0	26.9	20.9	83.3	0.0	0.0	0.0	6.7
22	15.5	27.8	21.0	79.7	0.0	0.0	0.0	9.1
23	16.0	27.5	21.5	72.0	0.0	0.0	0.0	8.7
24	15.7	26.8	21.0	83.0	0.0	0.0	0.0	7.5
25	15.1	27.0	21.0	80.0	.2	.9	1.1	8.3
26	15.3	25.0	21.1	76.3	0.0	0.0	0.0	8.1
27	15.5	27.5	20.8	78.3	0.0	0.0	0.0	5.9
28	16.8	26.0	21.0	81.7	0.0	0.0	0.0	7.8
29	17.4	27.5	21.2	68.7	0.0	0.0	0.0	4.0
30	16.0	27.9	21.7	74.3	0.0	0.0	0.0	8.4
31								
Total :					58.2	99.4	157.6	175.2
Promedio :	16.5	26.9	21.1	80.2				

Estación : GABRIEL MARIA BARRIGA Dpto. : NORTE SANTANDER Latitud : 8 ° 25 ' N
Año : 2002 Mpio. : CONVENCION Longitud : 73 ° 20 ' W
Altitud : 1320 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	26.5	21.3	79.7	0.0	0.0	0.0	5.8
2	16.0	27.5	21.1	81.0	0.0	0.0	0.0	7.5
3	16.2	28.6	21.8	79.0	0.0	0.0	0.0	5.7
4	16.7	28.3	21.6	78.7	0.0	0.0	0.0	8.2
5	16.3	27.0	20.5	79.3	0.0	0.0	0.0	5.8
6	16.0	27.4	21.0	81.0	0.0	0.0	0.0	6.3
7	17.5	27.7	21.6	79.7	0.0	0.0	0.0	5.7
8	17.4	28.6	21.8	80.3	0.0	0.0	0.0	8.1
9	18.1	27.5	21.4	81.0	0.0	0.0	0.0	3.0
10	16.3	25.4	20.6	87.0	0.0	0.0	0.0	2.8
11	16.7	27.6	21.5	79.3	0.0	0.0	0.0	2.9
12	16.4	27.3	21.4	75.0	0.0	0.0	0.0	2.8
13	16.3	28.3	21.2	80.3	0.0	0.0	0.0	8.7
14	16.0	29.0	21.8	75.7	0.0	0.0	0.0	9.0
15	17.5	26.6	20.8	83.3	0.0	2.7	2.7	7.9
16	15.8	28.7	21.1	76.7	0.0	0.0	0.0	6.5
17	17.0	26.5	20.9	84.0	0.0	0.0	0.0	2.9
18	16.2	27.5	21.5	78.0	0.0	1.9	1.9	2.0
19	16.5	29.6	21.8	79.0	0.0	0.0	0.0	4.0
20	17.3	28.5	19.8	82.0	0.0	0.0	0.0	3.3
21	16.3	27.9	20.5	80.7	.5	.2	.7	6.7
22	17.0	25.1	20.1	82.0	0.0	0.0	0.0	3.5
23	17.5	26.3	21.2	81.3	0.0	0.0	0.0	3.6
24	17.2	27.9	20.6	81.3	0.0	0.0	0.0	4.5
25	17.4	22.5	19.3	88.7	20.5	.2	20.7	.3
26	15.0	28.3	21.0	78.0	0.0	0.0	0.0	8.7
27	18.3	26.2	21.2	81.7	0.0	3.2	3.2	5.5
28	15.7	28.0	20.8	80.7	0.0	0.0	0.0	5.9
29	15.5	30.0	21.2	62.3	0.0	0.0	0.0	10.4
30	15.0	29.0	22.5	63.7	0.0	3.1	3.1	10.5
31	16.0	25.9	20.2	77.3	0.0	0.0	0.0	3.9
Total :					21.0	11.3	32.3	172.4
Promedio :	16.5	27.5	21.1	79.3				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	27.6	21.0	80.7	0.0	0.0	0.0	6.7
2	15.4	29.6	21.5	68.3	0.0	0.0	0.0	10.3
3	16.0	28.5	21.6	75.0	1.6	0.0	1.6	8.4
4	15.0	28.2	21.8	73.0	0.0	1.8	1.8	9.4
5	16.5	28.1	21.7	76.3	0.0	8.9	8.9	9.0
6	15.0	28.8	20.8	81.7	0.0	0.0	0.0	5.1
7	17.5	28.6	21.3	78.7	0.0	0.0	0.0	4.9
8	16.0	29.2	22.4	70.3	0.0	.5	.5	8.7
9	17.1	28.5	21.5	69.3	0.0	0.0	0.0	5.4
10	15.5	29.1	22.0	61.0	0.0	0.0	0.0	10.0
11	16.0	30.2	21.6	71.0	0.0	0.0	0.0	9.0
12	16.5	30.0	22.7	72.0	0.0	0.0	0.0	8.2
13	16.6	29.5	22.1	66.3	0.0	0.0	0.0	7.8
14	16.4	27.5	22.1	71.3	0.0	0.0	0.0	9.9
15	16.5	29.0	21.8	67.7	0.0	0.0	0.0	4.6
16	16.0	25.6	21.1	70.7	0.0	0.0	0.0	1.1
17	14.0	29.4	21.6	74.0	0.0	0.0	0.0	10.0
18	17.5	28.1	22.3	75.7	0.0	0.0	0.0	6.7
19	16.5	28.8	21.6	79.3	0.0	0.0	0.0	3.6
20	16.4	29.2	20.6	67.7	0.0	0.0	0.0	6.2
21	16.2	29.3	22.4	66.7	0.0	0.0	0.0	9.0
22	16.6	28.9	22.0	73.3	0.0	0.0	0.0	9.0
23	16.1	27.6	21.5	74.0	0.0	0.0	0.0	4.3
24	15.5	28.5	22.8	68.3	0.0	0.0	0.0	6.6
25	18.0	28.6	22.9	76.3	0.0	0.0	0.0	5.0
26	18.1	29.5	22.7	75.3	0.0	0.0	0.0	3.4
27	17.5	28.0	21.8	81.3	0.0	0.0	0.0	4.7
28	18.0	28.1	21.8	80.0	38.2	0.0	38.2	4.7
29	16.0	28.6	21.3	79.7	0.0	3.0	3.0	4.5
30	16.9	28.5	21.8	82.7	13.0	0.0	13.0	7.3
31	18.0	28.0	22.5	81.0	0.0	0.0	0.0	6.2
Total :					52.8	14.2	67.0	209.7
Promedio :	16.4	28.6	21.8	73.8				

Estación : GABRIEL MARIA BARRIGA Dpto. : NORTE SANTANDER Latitud : 8 ° 25 ' N
Año : 2002 Mpio. : CONVENCION Longitud : 73 ° 20 ' W
Altitud : 1320 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.7	26.0	20.9	85.0	1.0	0.0	1.0	1.9
2	16.2	28.3	20.1	79.7	11.0	0.0	11.0	6.9
3	17.0	29.4	20.5	78.0	25.0	0.0	25.0	6.4
4	16.2	29.0	22.4	74.3	0.0	0.0	0.0	8.3
5	17.5	28.5	22.4	80.0	0.0	0.0	0.0	7.1
6	17.4	28.7	22.4	77.7	0.0	0.0	0.0	8.9
7	17.5	29.4	21.8	72.3	0.0	0.0	0.0	6.8
8	16.4	29.8	22.9	69.3	0.0	0.0	0.0	9.2
9	16.5	30.0	22.6	78.7	0.0	4.0	4.0	6.6
10	16.6	27.8	21.0	85.0	0.0	1.0	1.0	2.7
11	16.4	26.0	20.6	78.7	0.0	0.0	0.0	2.9
12	18.5	28.4	20.9	83.7	0.0	0.0	0.0	3.2
13	17.1	27.5	21.4	82.3	13.0	0.0	13.0	5.3
14	18.0	27.3	21.9	80.0	0.0	0.0	0.0	6.2
15	16.5	26.0	21.2	86.3	0.0	0.0	0.0	2.2
16	17.6	27.3	20.9	74.3	0.0	0.0	0.0	5.1
17	17.0	25.6	20.4	86.3	2.0	2.0	4.0	.3
18	16.7	25.5	19.4	88.7	0.0	10.0	10.0	3.6
19	15.1	27.0	20.8	80.7	7.0	0.0	7.0	4.5
20	17.6	27.1	21.2	83.7	0.0	0.0	0.0	5.4
21	15.5	30.0	21.6	72.7	0.0	0.0	0.0	7.2
22	17.1	29.6	22.8	64.3	0.0	0.0	0.0	9.4
23	18.0	27.5	22.0	77.0	0.0	0.0	0.0	7.0
24	18.2	28.0	22.0	79.3	0.0	1.6	1.6	7.0
25	18.0	26.5	20.8	82.3	0.0	44.0	44.0	2.4
26	16.0	25.5	20.9	75.3	0.0	.5	.5	7.5
27	17.5	29.0	21.8	75.3	0.0	2.8	2.8	6.1
28	18.4	26.1	21.0	77.7	0.0	0.0	0.0	5.6
29	17.5	26.8	21.2	79.3	.2	2.6	2.8	2.4
30	16.8	28.0	20.8	80.0	12.2	0.0	12.2	6.5
31								
Total :					71.4	68.5	139.9	164.6
Promedio :	17.1	27.7	21.4	78.9				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	28.0	21.3	79.7	0.0	0.0	0.0	7.1
2	16.0	29.0	22.2	75.0	.1	19.8	19.9	8.0
3	15.5	27.8	21.0	80.7	0.0	0.0	0.0	8.5
4	18.0	27.5	21.8	79.0	0.0	0.0	0.0	6.0
5	17.3	27.0	21.8	81.0	0.0	4.2	4.2	7.3
6	17.5	26.7	20.5	84.0	0.0	0.0	0.0	4.1
7	17.4	27.6	20.5	81.3	10.8	.2	11.0	4.4
8	17.3	26.2	21.3	82.3	0.0	0.0	0.0	5.3
9	18.2	27.9	21.0	81.3	11.4	0.0	11.4	4.4
10	17.8	27.2	22.1	82.0	0.0	1.2	1.2	5.0
11	17.6	22.4	20.0	86.3	0.0	3.5	3.5	.2
12	17.5	27.5	21.0	84.7	0.0	0.0	0.0	4.7
13	17.2	27.7	22.2	78.7	0.0	0.0	0.0	6.5
14	18.0	28.3	22.3	82.0	0.0	0.0	0.0	6.5
15	17.6	27.2	21.8	82.3	0.0	0.0	0.0	3.1
16	16.7	25.6	19.6	85.0	31.4	0.0	31.4	3.5
17	17.2	27.4	21.6	80.7	0.0	0.0	0.0	6.5
18	16.0	25.8	20.2	84.0	0.0	0.0	0.0	7.3
19	17.0	25.6	20.5	81.0	0.0	0.0	0.0	6.2
20	16.6	24.8	20.0	84.7	0.0	0.0	0.0	4.5
21	17.0	21.6	19.0	89.7	0.0	0.0	0.0	.1
22	16.0	25.6	19.4	84.7	.8	1.3	2.1	3.3
23	15.5	24.6	19.2	87.3	0.0	.8	.8	2.9
24	16.1	25.5	19.0	83.3	12.1	7.6	19.7	4.9
25	15.6	25.8	19.9	83.7	0.0	0.0	0.0	8.2
26	16.2	27.4	21.3	77.7	0.0	10.3	10.3	4.1
27	17.8	22.0	19.3	92.0	5.2	0.0	5.2	0.0
28	17.4	25.0	20.7	81.0	2.3	3.4	5.7	5.1
29	17.4	27.5	20.7	84.3	.1	12.7	12.8	6.7
30	17.2	25.0	19.7	90.0	.1	17.9	18.0	2.8
31	17.4	23.5	19.5	92.3	.3	0.0	.3	1.0
Total :					74.6	82.9	157.5	148.2
Promedio :	17.0	26.2	20.7	83.3				

Estación : GABRIEL MARIA BARRIGA
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : CONVENCION

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	24.9	19.4	88.0	0.0	0.0	0.0	1.2
2	16.6	25.5	20.8	83.7	0.0	0.0	0.0	3.7
3	16.8	24.4	19.8	90.0	0.0	11.3	11.3	2.6
4	17.4	24.6	19.8	86.7	0.0	0.0	0.0	5.9
5	17.0	25.0	20.4	87.7	0.0	9.0	9.0	2.4
6	15.0	26.2	20.5	83.7	0.0	0.0	0.0	6.4
7	18.2	27.0	21.4	84.0	0.0	2.5	2.5	5.6
8	17.5	26.4	20.8	85.7	0.0	7.4	7.4	2.9
9	17.0	22.5	18.5	89.7	1.8	0.0	1.8	3.0
10	17.2	25.4	20.9	86.7	0.0	0.0	0.0	4.9
11	16.5	26.5	21.3	84.0	0.0	0.0	0.0	5.6
12	17.5	24.9	20.8	86.7	0.0	0.0	0.0	2.5
13	18.3	25.6	21.0	86.3	0.0	0.0	0.0	3.0
14	17.0	21.8	19.5	92.0	0.0	0.0	0.0	0.0
15	17.1	27.4	21.2	84.7	0.0	0.0	0.0	6.0
16	17.3	27.0	20.6	82.3	0.0	0.0	0.0	7.8
17	15.5	26.4	21.4	78.0	0.0	9.3	9.3	6.1
18	16.4	24.5	19.3	85.7	0.0	0.0	0.0	4.7
19	17.0	25.4	20.0	88.0	0.0	0.0	0.0	2.6
20	17.4	26.9	21.0	84.7	0.0	0.0	0.0	4.4
21	17.3	27.6	22.1	84.3	0.0	0.0	0.0	7.1
22	17.4	28.5	21.8	80.3	0.0	0.0	0.0	5.5
23	18.6	27.2	21.4	85.0	1.0	1.8	2.8	4.6
24	17.0	26.2	20.2	90.3	0.0	6.1	6.1	3.0
25	18.1	25.2	20.6	88.7	0.0	0.0	0.0	3.4
26	18.2	25.5	20.8	89.0	0.0	0.0	0.0	2.7
27	17.7	24.5	20.7	89.7	0.0	0.0	0.0	.2
28	18.2	24.9	21.0	87.3	0.0	0.0	0.0	1.7
29	18.5	25.8	21.2	86.3	0.0	0.0	0.0	3.0
30	18.8	25.5	20.7	88.0	0.0	0.0	0.0	1.5
31								
Total :					2.8	47.4	50.2	114.0
Promedio :	17.3	25.6	20.6	86.2				

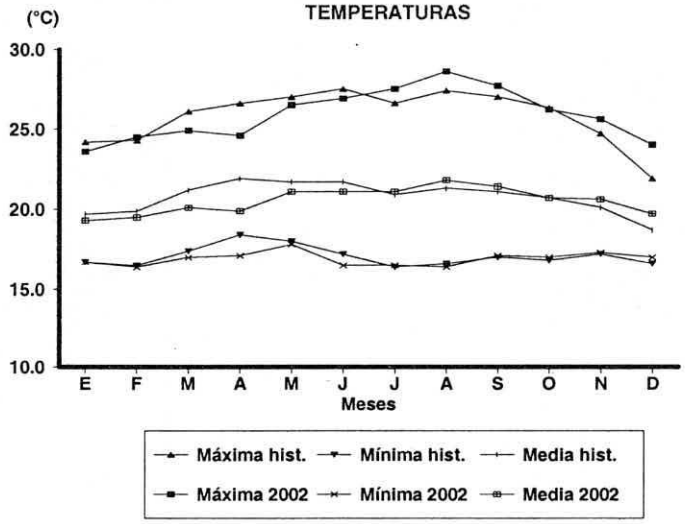
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	22.0	20.0	92.3	0.0	0.0	0.0	.7
2	18.5	25.6	20.6	85.7	0.0	0.0	0.0	4.5
3	17.0	25.2	19.4	88.3	0.0	0.0	0.0	.2
4	16.8	25.4	20.2	84.7	0.0	0.0	0.0	4.1
5	17.4	25.8	20.4	84.7	0.0	0.0	0.0	4.1
6	18.0	26.2	20.7	82.7	0.0	0.0	0.0	5.8
7	18.2	23.0	20.0	89.3	0.0	4.9	4.9	.4
8	17.5	22.0	19.0	95.7	4.5	1.3	5.8	.1
9	16.7	19.6	18.2	95.3	1.1	0.0	1.1	0.0
10	16.2	25.5	20.3	84.0	0.0	0.0	0.0	4.4
11	17.0	23.0	19.3	86.7	0.0	0.0	0.0	1.6
12	17.5	24.9	19.8	85.3	0.0	0.0	0.0	5.4
13	17.8	25.6	20.6	83.3	0.0	0.0	0.0	5.9
14	18.0	26.6	21.1	82.7	0.0	0.0	0.0	4.2
15	18.0	25.0	20.4	87.0	7.5	1.2	8.7	2.2
16	17.5	26.5	20.0	84.7	0.0	0.0	0.0	2.7
17	16.7	25.0	20.1	85.3	0.0	0.0	0.0	2.0
18	17.0	26.0	20.3	84.7	8.7	9.2	17.9	1.5
19	17.7	26.4	21.0	85.3	0.0	0.0	0.0	6.1
20	17.9	23.5	19.1	94.0	0.0	.6	.6	1.4
21	17.3	21.8	18.8	91.3	.8	0.0	.8	.6
22	16.5	24.0	19.9	88.3	0.0	0.0	0.0	2.0
23	18.0	20.4	18.8	95.0	0.0	0.0	0.0	0.0
24	15.7	25.6	19.8	85.3	0.0	0.0	0.0	6.1
25	14.9	25.8	19.5	84.7	0.0	0.0	0.0	8.9
26	17.5	25.4	20.2	86.7	0.0	0.0	0.0	3.0
27	17.0	22.0	18.9	89.0	0.0	0.0	0.0	1.7
28	15.4	21.8	19.0	89.3	0.0	0.0	0.0	.5
29	14.5	20.0	17.5	91.3	0.0	0.0	0.0	.2
30	13.4	20.1	17.7	92.7	0.0	0.0	0.0	0.0
31	16.5	25.4	20.0	81.7	0.0	0.0		7.8
Total :					22.6	17.2	39.8	88.1
Promedio :	17.0	24.0	19.7	87.6				

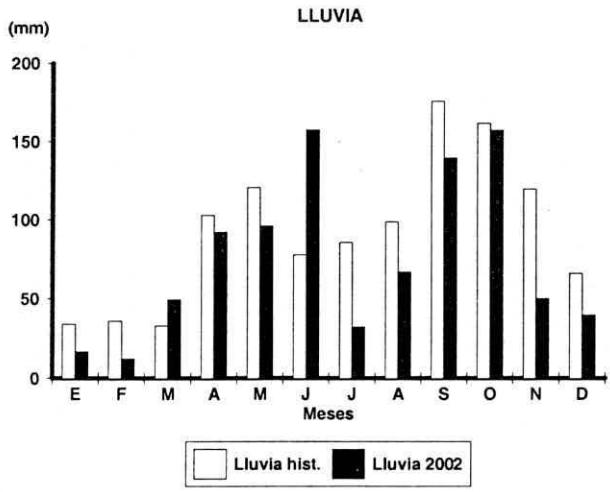
Estación : GABRIEL MARIA BARRIGA
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : CONVENCION

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	16.7	23.6	19.3	26.5	15.0	84.2	16.6	6	114.4
Febrero	16.4	24.5	19.5	28.8	14.9	84.5	12.1	6	104.4
Marzo	17.0	24.9	20.1	28.2	14.0	83.3	49.4	8	84.1
Abril	17.1	24.6	19.9	27.6	14.5	87.8	92.4	16	68.6
Mayo	17.8	26.5	21.1	28.5	16.0	83.8	96.5	11	105.8
Junio	16.5	26.9	21.1	28.8	15.1	80.2	157.6	11	175.2
Julio	16.5	27.5	21.1	30.0	15.0	79.3	32.3	6	172.4
Agosto	16.4	28.6	21.8	30.2	14.0	73.8	67.0	7	209.7
Septiembre	17.1	27.7	21.4	30.0	15.1	78.9	139.9	15	164.6
Octubre	17.0	26.2	20.7	29.0	15.5	83.3	157.5	16	148.2
Noviembre	17.3	25.6	20.6	28.5	15.0	86.2	50.2	8	114.0
Diciembre	17.0	24.0	19.7	26.6	13.4	87.6	39.8	7	88.1
Promedio :	16.9	25.9	20.5			82.7			
Absoluta :				30.2	13.4				
Total :							911.3	117	1549.5





Estación : FRANCISCO ROMERO
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	27.5	22.0	86.0	0.0	0.0	0.0	6.8
2	16.6	29.0	22.6	76.7	0.0	0.0	0.0	7.2
3	15.5	28.5	21.8	75.3	0.0	0.0	0.0	7.8
4	16.0	28.4	21.4	80.7	0.0	0.0	0.0	1.8
5	15.5	27.8	22.0	81.0	0.0	0.0	0.0	2.7
6	16.0	26.0	20.8	89.7	0.0	0.0	0.0	3.4
7	19.6	26.1	21.8	89.3	0.0	0.0	0.0	2.2
8	16.5	28.5	21.7	80.3	0.0	0.0	0.0	5.4
9	17.5	27.5	22.0	82.3	10.7	5.2	15.9	4.8
10	18.0	25.5	21.0	86.7	0.0	7.7	7.7	6.1
11	15.4	27.0	21.1	84.3	0.0	0.0	0.0	7.0
12	18.5	26.5	21.5	83.0	3.4	2.2	5.6	5.0
13	16.0	29.0	21.6	78.3	7.6	1.1	8.7	5.8
14	17.5	29.1	22.4	83.3	1.6	0.0	1.6	2.8
15	17.4	29.0	22.3	82.7	0.0	0.0	0.0	7.2
16	17.5	26.5	21.7	86.3	0.0	0.0	0.0	4.1
17	16.0	27.0	21.5	82.3	0.0	0.0	0.0	6.3
18	15.6	27.5	20.9	79.7	0.0	0.0	0.0	6.1
19	14.0	27.8	20.9	79.0	0.0	0.0	0.0	8.5
20	17.5	24.5	21.0	85.3	0.0	5.4	5.4	0.0
21	16.8	25.0	20.4	86.7	0.0	0.0	0.0	1.9
22	17.0	25.5	20.5	82.3	0.0	0.0	0.0	1.9
23	16.9	22.5	19.0	95.7	0.0	.9	.9	.1
24	16.5	25.5	20.7	85.3	0.0	0.0	0.0	3.3
25	16.2	29.0	20.2	74.7	0.0	0.0	0.0	8.3
26	15.0	27.0	20.3	79.3	0.0	0.0	0.0	5.6
27	13.0	28.0	20.4	81.7	0.0	0.0	0.0	7.1
28	17.7	28.5	21.8	79.3	0.0	0.0	0.0	3.6
29	16.5	28.5	22.0	79.3	0.0	0.0	0.0	4.3
30	19.0	26.5	22.0	84.0	0.0	0.0	0.0	.9
31	17.5	26.3	21.5	80.3	5.0	0.0	5.0	1.2
Total :					28.3	22.5	50.8	139.2
Promedio :	16.7	27.1	21.3	82.6				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	28.0	22.2	78.7	0.0	0.0	0.0	3.4
2	17.5	29.5	22.7	77.0	0.0	0.0	0.0	6.6
3	19.1	26.0	21.8	82.7	0.0	6.0	6.0	.2
4	19.0	25.5	21.7	88.0	.1	1.5	1.6	1.6
5	17.3	20.5	19.0	96.3	4.6	0.0	4.6	0.0
6	15.5	24.3	20.0	88.0	0.0	16.9	16.9	3.8
7	17.5	25.6	20.6	86.0	0.0	0.0	0.0	2.8
8	16.1	27.5	21.0	82.3	16.0	1.0	17.0	3.7
9	18.0	27.0	21.8	81.7	0.0	0.0	0.0	5.8
10	17.5	26.5	21.1	85.0	0.0	0.0	0.0	4.8
11	18.8	27.5	22.4	80.7	0.0	0.0	0.0	5.3
12	16.8	28.0	22.1	77.3	0.0	0.0	0.0	6.8
13	14.0	28.2	20.6	76.7	0.0	0.0	0.0	6.1
14	15.0	28.8	21.8	78.0	0.0	0.0	0.0	6.1
15	16.4	27.0	21.1	83.0	0.0	0.0	0.0	5.4
16	16.6	30.0	23.2	77.7	0.0	0.0	0.0	7.2
17	16.5	28.0	22.8	77.3	0.0	0.0	0.0	7.9
18	19.5	28.5	23.8	75.3	0.0	0.0	0.0	3.2
19	17.8	28.0	22.4	84.3	0.0	0.0	0.0	3.2
20	17.5	24.0	20.3	88.7	0.0	0.0	0.0	2.2
21	15.5	29.1	22.4	74.3	0.0	0.0	0.0	.6
22	16.3	29.0	23.0	75.0	0.0	0.0	0.0	6.3
23	18.5	30.3	24.0	71.7	0.0	0.0	0.0	5.6
24	17.6	30.5	23.5	76.0	0.0	0.0	0.0	5.1
25	16.6	29.0	22.5	78.3	0.0	0.0	0.0	5.0
26	16.5	29.5	22.6	81.0	0.0	7.1	7.1	4.6
27	19.5	24.5	21.2	89.7	0.0	0.0	0.0	.8
28	18.0	24.8	21.1	83.0	0.0	0.0	0.0	3.1
29								
30								
31								
Total :					20.7	32.5	53.2	117.2
Promedio :	17.2	27.3	21.9	81.2				

Estación : FRANCISCO ROMERO
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	26.5	22.0	80.7	0.0	0.0	0.0	3.2
2	15.5	29.5	22.3	76.7	0.0	0.0	0.0	7.5
3	16.0	29.0	22.1	80.0	0.0	0.0	0.0	4.8
4	16.5	30.0	23.3	72.0	0.0	26.0	26.0	7.3
5	18.5	25.5	21.2	86.7	.9	0.0	.9	1.6
6	16.5	26.0	20.7	84.3	0.0	0.0	0.0	4.2
7	16.0	27.8	22.0	75.7	0.0	0.0	0.0	5.0
8	17.0	29.0	22.4	76.7	0.0	0.0	0.0	6.1
9	16.0	30.8	23.0	73.7	0.0	0.0	0.0	7.8
10	17.5	28.5	22.7	77.3	0.0	.5	.5	3.3
11	17.8	27.0	22.2	86.3	.1	24.6	24.7	2.2
12	18.0	22.5	20.1	94.3	2.3	0.0	2.3	1.0
13	16.5	29.0	22.7	77.7	0.0	0.0	0.0	6.4
14	17.0	29.3	23.0	80.3	0.0	0.0	0.0	5.7
15	18.5	25.5	20.0	93.3	.9	0.0	.9	.3
16	18.0	27.0	21.8	84.7	0.0	0.0	0.0	1.9
17	18.5	29.0	22.5	77.3	.2	9.3	9.5	4.2
18	17.4	27.5	21.5	85.7	0.0	3.0	3.0	2.6
19	19.0	24.3	20.9	87.7	0.0	0.0	0.0	.5
20	18.6	24.5	21.2	91.7	0.0	2.0	2.0	0.0
21	20.0	25.8	21.4	93.0	1.0	4.0	5.0	1.3
22	19.4	25.5	22.0	87.7	3.8	.4	4.2	.2
23	18.4	28.3	23.1	84.7	.1	10.5	10.6	3.6
24	18.5	26.0	21.2	83.7	0.0	0.0	0.0	1.2
25	18.0	29.5	22.7	76.3	0.0	0.0	0.0	5.6
26	17.5	30.0	22.9	74.7	0.0	0.0	0.0	5.4
27	17.7	30.6	22.9	78.3	0.0	0.0	0.0	5.1
28	19.5	27.0	22.8	81.3	.7	53.1	53.8	3.7
29	18.5	26.0	21.6	88.0	0.0	0.0	0.0	3.0
30	16.5	25.5	21.6	85.3	0.0	0.0	0.0	2.1
31	19.5	28.8	23.4	82.0	0.0	0.0	0.0	6.0
Total :					10.0	133.4	143.4	112.8
Promedio :	17.8	27.5	22.0	82.5				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	29.0	23.0	82.3	0.0	0.0	0.0	4.6
2	19.0	24.5	21.5	92.0	.1	0.0	.1	0.0
3	17.5	29.0	23.5	80.0	0.0	.3	.3	5.8
4	18.0	28.8	23.2	82.3	0.0	0.0	0.0	5.5
5	18.5	29.0	22.7	79.0	0.0	0.0	0.0	2.2
6	18.2	28.8	23.0	83.3	26.7	19.5	46.2	2.9
7	18.8	25.5	21.0	93.3	1.7	0.0	1.7	.4
8	17.6	23.8	20.0	90.0	7.0	0.0	7.0	.2
9	15.9	24.0	20.1	89.3	0.0	0.0	0.0	.2
10	16.8	27.0	21.6	84.0	0.0	2.1	2.1	5.4
11	19.0	24.5	20.8	92.3	7.1	12.5	19.6	1.2
12	18.5	20.5	19.0	92.0	.1	.3	.4	.1
13	16.8	25.0	21.4	86.0	0.0	25.0	25.0	1.9
14	17.3	24.5	20.8	91.7	.1	1.0	1.1	3.3
15	18.5	24.5	21.7	87.0	0.0	0.0	0.0	1.0
16	17.5	27.7	22.8	84.7	.1	0.0	.1	6.1
17	19.0	25.0	21.3	92.0	1.2	0.0	1.2	.8
18	18.2	27.4	22.2	86.0	0.0	0.0	0.0	2.0
19	19.4	24.6	21.5	93.3	2.4	11.8	14.2	3.2
20	18.3	25.6	21.8	88.3	.4	1.1	1.5	.2
21	19.0	28.1	22.7	82.3	1.5	.1	1.6	4.0
22	19.5	29.4	23.4	80.0	0.0	.9	.9	5.1
23	19.2	26.5	21.8	89.3	.5	0.0	.5	.9
24	18.5	27.5	22.2	82.0	5.9	.5	6.4	.8
25	19.0	27.0	21.4	84.3	0.0	0.0	0.0	3.3
26	17.4	28.8	22.0	81.3	22.7	29.6	52.3	5.6
27	17.5	25.0	21.0	91.0	0.0	0.0	0.0	2.8
28	18.5	24.6	21.0	93.3	16.2	.1	16.3	.9
29	17.3	26.5	22.2	86.7	0.0	0.0	0.0	3.8
30	18.8	27.5	23.2	84.0	0.0	1.9	1.9	1.0
31								
Total :					93.7	106.7	200.4	75.2
Promedio :	18.2	26.3	21.8	86.8				

Estación : FRANCISCO ROMERO Dpto. : NORTE SANTANDER Latitud : 7 ° 45 ' N
Año : 2002 Mpio. : SALAZAR Longitud : 72 ° 47 ' W
Altitud : 1000 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	28.0	22.5	86.0	0.0	0.0	0.0	3.3
2	18.6	27.0	21.8	85.7	0.0	0.0	0.0	2.6
3	17.0	29.0	22.0	81.7	1.3	0.0	1.3	5.7
4	17.5	29.5	23.7	80.0	0.0	1.7	1.7	2.5
5	17.0	30.0	22.8	82.3	0.0	0.0	0.0	8.8
6	17.3	28.0	22.1	85.0	6.8	0.0	6.8	5.3
7	17.5	27.5	22.4	86.7	0.0	0.0	0.0	1.9
8	18.0	28.0	23.3	80.7	0.0	0.0	0.0	6.4
9	19.5	27.5	23.0	83.0	0.0	0.0	0.0	2.3
10	19.0	28.5	22.0	86.3	5.5	0.0	5.5	3.6
11	18.2	29.0	22.6	79.0	0.0	0.0	0.0	5.7
12	17.9	31.0	25.2	70.0	0.0	0.0	0.0	9.4
13	19.0	27.5	22.8	80.3	0.0	0.0	0.0	1.6
14	18.7	25.8	20.7	96.0	1.2	0.0	1.2	1.0
15	17.3	28.5	23.1	78.7	0.0	0.0	0.0	4.2
16	18.8	29.7	23.6	80.3	0.0	0.0	0.0	6.0
17	19.0	27.8	22.2	85.3	1.1	0.0	1.1	1.0
18	17.9	28.5	21.8	81.7	0.0	0.0	0.0	2.4
19	18.1	28.3	22.0	79.3	0.0	0.0	0.0	3.8
20	17.5	30.7	23.5	78.7	0.0	0.0	0.0	7.6
21	17.8	29.3	22.0	74.7	3.4	0.0	3.4	2.8
22	18.4	27.5	21.8	87.3	5.6	0.0	5.6	.1
23	18.6	29.0	24.0	78.0	0.0	0.0	0.0	4.5
24	19.0	29.1	23.4	79.3	.4	18.6	19.0	5.9
25	19.1	29.5	23.0	79.3	0.0	.7	.7	2.0
26	19.0	28.5	22.2	83.7	62.3	28.8	91.1	2.1
27	19.1	26.0	22.4	85.3	6.1	24.0	30.1	1.7
28	19.2	27.5	22.4	81.7	8.3	2.3	10.6	2.3
29	19.0	27.6	22.8	86.7	15.4	31.7	47.1	3.6
30	18.5	26.5	21.5	92.3	5.8	22.1	27.9	1.9
31	19.5	25.0	21.5	95.3	2.3	0.0	2.3	.2
Total :					125.5	129.9	255.4	112.2
Promedio :	18.4	28.2	22.6	82.9				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	28.5	21.8	82.0	0.0	0.0	0.0	2.3
2	18.0	30.5	24.8	76.3	0.0	10.2	10.2	8.1
3	17.5	29.5	23.1	80.7	0.0	0.0	0.0	9.2
4	18.9	31.0	24.2	79.0	0.0	1.2	1.2	8.6
5	19.0	26.5	21.4	86.0	81.0	9.3	90.3	.6
6	17.3	27.5	21.2	86.3	53.4	35.1	88.5	2.8
7	18.5	28.2	22.2	80.0	0.0	0.0	0.0	4.2
8	19.0	29.0	23.0	80.0	0.0	0.0	0.0	4.2
9	18.0	28.5	23.1	76.7	0.0	0.0	0.0	4.0
10	17.7	29.0	22.4	80.0	1.2	.1	1.3	6.7
11	18.4	27.8	22.0	83.0	4.6	0.0	4.6	3.4
12	17.5	28.5	22.8	79.3	0.0	0.0	0.0	7.7
13	18.0	27.0	20.8	82.3	0.0	0.0	0.0	.9
14	18.6	27.5	21.6	80.0	0.0	0.0	0.0	1.9
15	18.0	29.5	22.5	79.0	0.0	0.0	0.0	5.6
16	18.3	28.7	23.4	79.7	.1	.5	.6	6.2
17	18.8	27.3	22.3	85.7	0.0	.9	.9	4.1
18	19.0	25.5	21.6	89.0	.5	0.0	.5	1.0
19	18.0	26.0	21.8	87.3	0.0	0.0	0.0	1.8
20	18.5	27.5	22.6	77.0	0.0	0.0	0.0	2.1
21	18.0	27.5	22.5	79.3	0.0	0.0	0.0	3.7
22	17.5	28.5	22.4	82.7	0.0	0.0	0.0	5.3
23	17.0	27.0	21.6	85.3	0.0	0.0	0.0	2.7
24	17.3	27.2	21.9	82.0	0.0	5.5	5.5	3.8
25	17.5	27.5	21.9	83.7	.3	0.0	.3	3.5
26	17.0	27.0	20.6	82.0	2.7	0.0	2.7	2.6
27	16.5	28.0	22.2	80.7	0.0	0.0	0.0	6.6
28	18.0	26.5	21.2	88.7	3.6	0.0	3.6	.9
29	19.0	26.5	22.0	83.0	.6	0.0	.6	2.0
30	18.0	30.0	23.5	72.0	0.0	0.0	0.0	6.8
31								
Total :					148.0	62.8	210.8	123.3
Promedio :	18.0	28.0	22.3	81.6				

Estación : FRANCISCO ROMERO
Año : 2002

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	18.0	25.5	22.5	81.0	0.0	0.0	0.0	1.9
2	18.5	27.5	22.6	82.3	0.0	0.0	0.0	3.1
3	17.2	29.3	23.5	76.0	0.0	0.0	0.0	7.5
4	19.3	28.0	22.5	81.3	0.0	0.0	0.0	2.0
5	17.5	28.5	21.9	78.0	.6	0.0	.6	2.9
6	17.0	30.0	23.2	71.0	0.0	0.0	0.0	5.4
7	17.6	29.0	22.4	74.0	0.0	0.0	0.0	6.0
8	17.0	30.8	23.7	75.3	0.0	0.0	0.0	7.1
9	19.0	29.3	23.4	77.3	0.0	0.0	0.0	6.4
10	18.0	27.2	21.8	86.7	0.0	0.0	0.0	1.6
11	19.0	28.5	22.5	79.0	.2	0.0	.2	1.7
12	16.9	30.0	23.4	75.0	0.0	0.0	0.0	6.0
13	17.0	30.1	21.7	78.0	7.8	0.0	7.8	5.4
14	17.3	29.9	22.2	75.0	0.0	0.0	0.0	8.9
15	19.0	28.0	22.5	79.3	.5	0.0	.5	1.9
16	16.0	29.5	23.0	77.7	0.0	0.0	0.0	4.3
17	17.6	27.2	21.6	80.7	.1	0.0	.1	.3
18	17.5	27.4	22.8	77.0	0.0	0.0	0.0	0.0
19	17.3	30.0	23.6	73.3	0.0	0.0	0.0	4.6
20	17.6	29.0	23.0	75.0	0.0	0.0	0.0	3.5
21	17.9	27.2	20.4	95.0	7.0	18.3	25.3	2.9
22	16.7	27.9	22.3	83.3	1.3	0.0	1.3	5.4
23	18.3	30.2	23.6	75.0	0.0	0.0	0.0	8.7
24	18.8	29.3	23.3	81.3	.4	.2	.6	4.9
25	19.4	25.7	20.7	92.0	.4	0.0	.4	.2
26	15.8	30.8	23.2	72.7	0.0	0.0	0.0	8.7
27	16.5	30.0	22.6	78.0	.7	0.0	.7	5.4
28	18.3	28.9	23.4	72.7	0.0	0.0	0.0	3.1
29	17.0	30.2	23.0	72.7	0.0	0.0	0.0	9.1
30	17.2	31.0	23.5	69.3	0.0	2.2	2.2	8.4
31	17.0	26.3	20.4	83.3	0.0	0.0	0.0	1.4
Total :					19.0	20.7	39.7	138.7
Promedio :	17.7	28.8	22.6	78.3				

Agosto	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.0	21.9	74.3	0.0	0.0	0.0	5.8
2	15.9	30.1	22.6	69.7	0.0	0.0	0.0	9.5
3	15.3	29.3	22.8	73.3	0.0	0.0	0.0	6.5
4	15.4	30.0	23.2	73.7	0.0	3.0	3.0	9.1
5	17.5	30.2	23.4	74.3	0.0	0.0	0.0	7.9
6	17.0	30.0	23.2	74.3	0.0	0.0	0.0	8.4
7	18.5	29.0	22.6	79.0	0.0	0.0	0.0	4.3
8	17.6	31.1	24.0	70.3	0.0	22.0	22.0	8.9
9	17.8	30.0	22.6	77.0	0.0	0.0	0.0	5.0
10	17.3	29.2	22.1	73.7	0.0	0.0	0.0	5.3
11	16.7	28.9	22.5	77.3	0.0	0.0	0.0	8.1
12	18.3	30.4	23.9	73.3	0.0	0.0	0.0	6.0
13	18.5	30.0	22.4	78.3	0.0	0.0	0.0	3.1
14	18.2	29.2	22.6	78.3	0.0	0.0	0.0	4.9
15	17.4	29.5	22.0	81.0	0.0	0.0	0.0	4.0
16	16.8	27.2	22.0	81.3	0.0	0.0	0.0	2.7
17	15.9	32.0	23.0	68.7	0.0	0.0	0.0	8.4
18	17.0	32.1	24.0	68.7	0.0	0.0	0.0	8.9
19	18.7	30.2	22.6	79.7	1.0	3.0	4.0	4.1
20	17.9	30.0	21.5	78.3	10.0	0.0	10.0	3.4
21	16.8	31.0	23.6	69.0	0.0	0.0	0.0	7.8
22	18.5	30.4	23.6	73.3	0.0	0.0	0.0	8.4
23	18.0	29.2	22.6	76.7	0.0	0.0	0.0	6.0
24	17.0	32.3	23.6	69.3	0.0	0.0	0.0	9.6
25	17.8	31.2	23.8	77.0	0.0	0.0	0.0	6.5
26	17.7	31.0	23.6	69.7	0.0	0.0	0.0	6.5
27	18.4	29.5	24.3	70.3	0.0	0.0	0.0	3.5
28	18.3	31.7	24.5	72.3	0.0	0.0	0.0	4.1
29	18.1	31.2	24.0	77.0	0.0	6.0	6.0	4.9
30	19.2	30.0	23.6	77.7	0.0	1.0	1.0	2.5
31	17.7	31.0	24.5	73.7	0.0	5.0	5.0	7.0
Total :					11.0	40.0	51.0	191.1
Promedio :	17.5	30.2	23.1	74.5				

Estación : FRANCISCO ROMERO
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.9	29.1	22.5	80.3	0.0	0.0	0.0	4.4
2	17.0	30.1	22.4	74.3	0.0	0.0	0.0	6.5
3	18.0	31.0	23.5	69.3	0.0	0.0	0.0	7.4
4	17.9	32.0	24.1	70.7	0.0	1.0	1.0	9.4
5	18.4	31.2	24.0	73.7	0.0	0.0	0.0	8.7
6	19.2	31.6	24.8	70.0	0.0	0.0	0.0	8.0
7	17.8	31.3	24.0	70.0	0.0	1.0	1.0	9.3
8	16.8	31.1	23.8	65.3	0.0	0.0	0.0	9.2
9	17.8	31.4	24.0	75.0	0.0	0.0	0.0	7.0
10	18.0	30.1	24.5	69.3	0.0	0.0	0.0	1.6
11	18.5	28.9	22.7	77.7	0.0	0.0	0.0	1.6
12	18.0	30.0	23.7	75.7	0.0	0.0	0.0	5.1
13	19.5	29.7	23.7	74.0	0.0	0.0	0.0	4.4
14	17.5	31.6	25.0	72.0	0.0	1.0	1.0	6.6
15	17.8	30.5	23.1	79.3	1.0	0.0	1.0	4.5
16	18.7	30.2	24.1	73.3	0.0	0.0	0.0	6.4
17	18.0	29.0	21.9	80.7	0.0	9.0	9.0	.7
18	17.0	28.6	22.0	82.0	0.0	0.0	0.0	3.4
19	18.0	28.3	21.8	81.3	0.0	0.0	0.0	2.8
20	17.9	29.6	23.0	72.0	0.0	0.0	0.0	5.1
21	16.3	32.5	22.8	71.0	0.0	0.0	0.0	8.8
22	15.7	31.8	23.3	63.7	0.0	0.0	0.0	9.3
23	17.5	31.1	24.6	73.3	0.0	3.0	3.0	6.0
24	19.7	30.5	25.0	77.0	0.0	0.0	0.0	4.0
25	18.3	30.0	24.0	76.3	0.0	23.0	23.0	4.2
26	17.6	29.0	22.6	80.7	0.0	8.0	8.0	1.9
27	17.5	29.8	23.5	76.7	0.0	6.0	6.0	4.7
28	20.0	29.3	23.8	81.7	1.0	3.0	4.0	4.5
29	18.5	28.8	23.3	80.3	0.0	2.0	2.0	4.0
30	18.0	30.9	23.4	76.0	0.0	0.0	0.0	7.3
31								
Total :					2.0	57.0	59.0	166.8
Promedio :	18.0	30.3	23.5	74.8				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	31.5	23.5	70.3	0.0	0.0	0.0	7.6
2	16.8	31.4	24.2	69.3	0.0	2.0	2.0	8.6
3	19.3	30.5	23.2	74.3	0.0	0.0	0.0	7.0
4	16.5	30.4	23.2	73.0	0.0	0.0	0.0	8.8
5	16.8	30.8	24.2	72.7	0.0	1.0	1.0	8.3
6	19.0	28.8	22.0	81.0	0.0	1.0	1.0	3.0
7	17.5	29.8	23.5	72.0	0.0	0.0	0.0	4.4
8	19.5	31.0	21.6	94.0	34.0	6.0	40.0	2.7
9	18.3	30.0	22.4	80.7	0.0	0.0	0.0	5.6
10	17.5	30.5	23.3	76.3	0.0	1.5	1.5	8.8
11	19.5	26.5	22.0	86.0	0.0	0.0	0.0	.6
12	18.1	30.0	22.8	74.7	0.0	0.0	0.0	5.7
13	18.5	32.3	23.8	74.0	0.0	0.0	0.0	7.7
14	17.5	32.0	24.0	76.0	0.0	0.0	0.0	8.6
15	19.0	31.5	23.4	76.3	0.0	0.0	0.0	6.0
16	17.5	29.0	22.6	78.3	0.0	0.0	0.0	3.2
17	18.0	31.0	23.8	75.7	0.0	0.0	0.0	5.9
18	18.2	31.1	24.4	70.0	0.0	0.0	0.0	5.5
19	17.0	29.5	23.2	80.7	0.0	32.9	32.9	5.2
20	18.0	28.0	22.2	83.7	0.0	0.0	0.0	3.1
21	16.6	28.5	22.5	82.0	0.0	0.0	0.0	.9
22	18.0	30.0	23.0	78.3	0.0	0.0	0.0	2.3
23	18.1	29.0	22.8	80.7	0.0	0.0	0.0	5.1
24	18.0	29.5	23.8	76.3	0.0	0.0	0.0	6.1
25	17.6	29.3	23.5	82.7	0.0	0.0	0.0	4.1
26	18.0	29.5	22.0	84.0	48.7	2.9	51.6	4.7
27	18.1	26.7	21.7	89.7	7.0	13.7	20.7	3.3
28	17.0	29.5	22.6	80.7	35.5	53.3	88.8	7.1
29	17.6	27.6	21.9	89.7	0.0	18.7	18.7	4.3
30	17.2	27.5	21.8	87.3	2.7	27.5	30.2	4.6
31	18.5	26.0	21.2	86.7	0.0	0.0	0.0	1.1
Total :					127.9	160.5	288.4	159.9
Promedio :	17.9	29.6	22.9	79.3				

Estación : FRANCISCO ROMERO
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	27.4	20.6	85.3	0.0	0.0	0.0	6.0
2	16.0	27.5	22.5	80.3	0.0	0.0	0.0	3.1
3	17.5	27.6	21.8	85.7	29.2	6.7	35.9	3.9
4	18.3	28.5	22.8	84.3	.1	.3	.4	5.8
5	18.5	26.5	22.2	85.7	0.0	0.0	0.0	4.2
6	16.0	29.0	20.5	85.0	.2	0.0	.2	4.8
7	17.0	27.7	21.2	86.7	11.8	1.5	13.3	2.9
8	18.5	26.0	22.4	85.7	.5	6.1	6.6	.8
9	18.8	25.0	21.8	89.7	1.0	0.0	1.0	1.4
10	17.2	27.5	21.4	89.0	0.0	0.0	0.0	5.1
11	17.0	29.0	23.1	79.3	0.0	0.0	0.0	7.7
12	16.8	28.6	21.8	80.7	0.0	0.0	0.0	6.1
13	17.5	29.0	22.2	81.7	4.0	17.1	21.1	5.0
14	17.0	28.0	22.0	84.3	11.7	0.0	11.7	2.9
15	16.5	28.2	21.1	81.7	0.0	0.0	0.0	6.7
16	17.5	26.5	21.0	84.7	0.0	0.0	0.0	2.5
17	17.6	28.9	21.8	80.3	0.0	21.1	21.1	5.3
18	19.5	28.5	22.9	81.3	9.5	.3	9.8	4.9
19	18.0	25.5	20.6	86.3	0.0	0.0	0.0	3.3
20	16.6	28.5	21.0	85.3	0.0	0.0	0.0	5.6
21	17.5	28.6	22.1	82.3	0.0	0.0	0.0	7.3
22	17.0	30.3	22.4	78.7	0.0	0.0	0.0	8.1
23	19.0	30.0	22.9	81.3	1.0	0.0	1.0	5.5
24	18.7	29.5	23.8	82.0	0.0	.4	.4	7.1
25	19.0	30.5	22.3	81.3	0.0	0.0	0.0	5.8
26	17.5	27.5	21.8	83.7	0.0	0.0	0.0	3.1
27	17.3	29.8	22.6	79.7	0.0	0.0	0.0	6.2
28	17.0	30.0	21.8	79.0	0.0	0.0	0.0	7.7
29	16.5	28.0	21.4	86.3	0.0	0.0	0.0	3.3
30	17.4	28.5	22.4	84.7	0.0	0.0	0.0	6.6
31								
Total :					69.0	53.5	122.5	148.7
Promedio :	17.5	28.2	21.9	83.4				

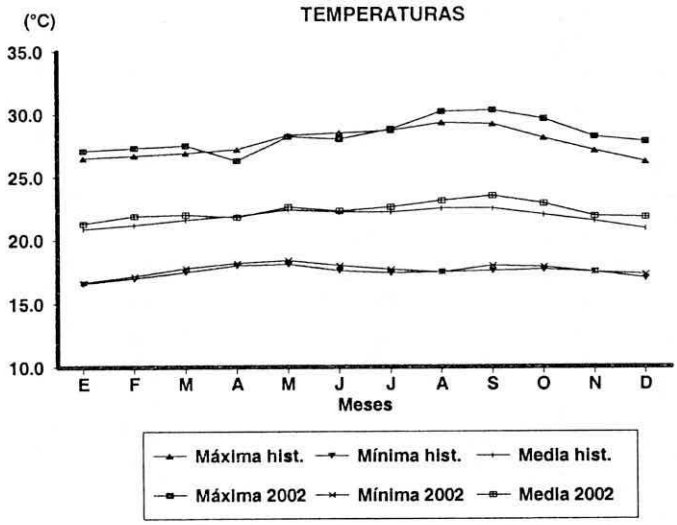
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.4	22.6	84.0	0.0	0.0	0.0	3.9
2	17.7	28.5	21.8	84.7	.2	0.0	.2	2.8
3	16.5	28.1	21.6	80.7	0.0	0.0	0.0	5.3
4	15.6	29.0	22.0	76.3	0.0	0.0	0.0	6.2
5	16.5	29.5	22.8	78.3	0.0	0.0	0.0	4.2
6	16.0	30.5	23.1	76.0	0.0	0.0	0.0	7.2
7	18.5	28.0	22.2	88.3	3.8	4.7	8.5	1.8
8	19.5	25.5	21.8	90.3	13.5	51.1	64.6	1.5
9	19.0	23.5	20.7	88.7	2.6	0.0	2.6	.1
10	18.5	28.5	21.8	80.3	0.0	0.0	0.0	5.4
11	16.2	28.6	21.5	79.0	0.0	0.0	0.0	7.1
12	17.0	28.0	21.8	81.3	0.0	0.0	0.0	5.1
13	16.0	27.3	21.0	82.7	.7	0.0	.7	5.2
14	17.0	29.1	22.4	82.0	1.2	0.0	1.2	5.5
15	18.0	25.6	21.2	87.3	.9	0.0	.9	.5
16	18.1	26.4	22.0	88.7	.5	18.5	19.0	1.2
17	18.2	27.6	22.0	88.7	5.7	21.1	26.8	4.1
18	18.8	27.5	21.8	85.7	43.7	5.4	49.1	1.4
19	18.5	28.6	23.4	82.7	.4	96.4	96.8	4.8
20	18.4	26.5	21.4	88.7	.9	7.4	8.3	1.9
21	19.0	27.4	22.4	86.0	0.0	0.0	0.0	4.5
22	16.5	28.5	22.5	80.7	0.0	.2	.2	6.3
23	17.6	24.5	20.6	90.3	.5	0.0	.5	1.5
24	16.5	28.1	20.8	81.3	0.0	0.0	0.0	8.3
25	16.1	29.0	21.3	79.3	0.0	0.0	0.0	8.3
26	16.0	28.8	21.9	81.0	0.0	0.0	0.0	6.6
27	15.6	29.0	22.3	80.0	0.0	0.0	0.0	6.6
28	15.8	28.0	22.4	77.7	0.0	.6	.6	7.1
29	16.7	28.0	21.5	82.3	.4	3.7	4.1	4.4
30	18.0	26.0	20.9	80.3	0.0	0.0	0.0	.7
31	16.5	29.0	21.1	76.3	0.0	0.0		8.2
Total :					75.0	209.1	284.1	137.7
Promedio :	17.3	27.8	21.8	82.9				

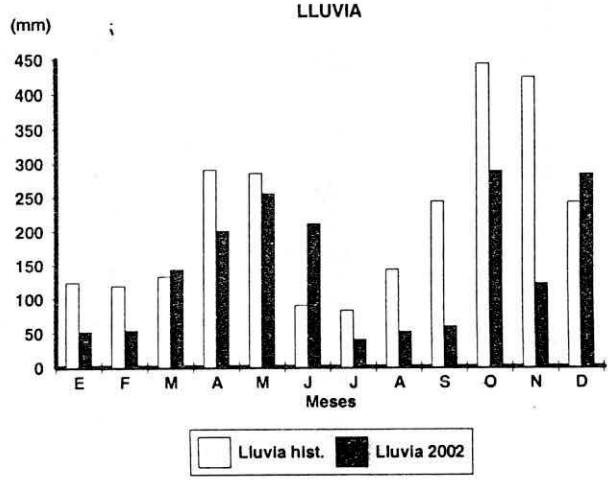
Estación : FRANCISCO ROMERO
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : SALAZAR

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

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.7	27.1	21.3	29.1	13.0	82.6	50.8	8	139.2
Febrero	17.2	27.3	21.9	30.5	14.0	81.2	53.2	6	117.2
Marzo	17.8	27.5	22.0	30.8	15.5	82.5	143.4	13	112.8
Abril	18.2	26.3	21.8	29.4	15.9	86.8	200.4	21	75.2
Mayo	18.4	28.2	22.6	31.0	17.0	82.9	255.4	16	112.2
Junio	18.0	28.0	22.3	31.0	16.5	81.6	210.8	14	123.3
Julio	17.7	28.8	22.6	31.0	15.8	78.3	39.7	11	138.7
Agosto	17.5	30.2	23.1	32.3	15.3	74.5	51.0	7	191.1
Septiembre	18.0	30.3	23.5	32.5	15.7	74.8	59.0	11	166.8
Octubre	17.9	29.6	22.9	32.3	16.5	79.3	288.4	11	159.9
Noviembre	17.5	28.2	21.9	30.5	15.5	83.4	122.5	12	148.7
Diciembre	17.3	27.8	21.8	30.5	15.6	82.9	284.1	16	137.7
Promedio :	17.7	28.3	22.3			80.9			
Absoluta :				32.5	13.0				
Total :							1758.7	146	1622.8





Estación : BLONAY
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.5	21.3	78.0	0.0	0.0	0.0	5.4
2	12.5	27.5	20.0	72.7	0.0	0.0	0.0	8.3
3	13.2	27.8	20.1	73.3	0.0	0.0	0.0	7.5
4	14.0	27.0	19.8	74.0	0.0	0.0	0.0	8.1
5	14.3	26.0	20.4	78.0	0.0	0.0	0.0	5.4
6	14.5	24.8	18.3	93.0	0.0	.6	.6	3.6
7	16.0	24.5	19.8	86.0	0.0	0.0	0.0	3.4
8	14.5	26.5	20.1	74.7	0.0	0.0	0.0	6.0
9	16.3	26.2	19.8	82.3	0.0	0.0	0.0	6.3
10	16.5	25.0	20.1	79.7	0.0	0.0	0.0	4.4
11	14.0	25.5	19.6	79.3	0.0	.7	.7	6.0
12	15.0	25.2	19.6	76.0	.4	0.0	.4	6.1
13	14.8	27.7	20.9	71.0	0.0	.2	.2	7.1
14	15.6	27.8	21.0	74.3	0.0	0.0	0.0	8.9
15	15.0	28.4	21.1	73.7	0.0	0.0	0.0	5.5
16	15.5	24.8	20.0	83.7	0.0	0.0	0.0	3.8
17	14.0	26.6	19.8	76.3	0.0	0.0	0.0	6.7
18	13.5	27.0	19.2	74.3	0.0	0.0	0.0	7.7
19	12.0	27.5	19.7	70.7	0.0	0.0	0.0	7.8
20	16.5	22.0	18.9	83.3	0.0	0.0	0.0	0.0
21	14.4	23.8	18.6	79.3	0.0	0.0	0.0	3.7
22	14.5	26.0	18.7	74.3	0.0	0.0	0.0	5.2
23	15.5	19.0	16.9	95.7	26.4	0.0	26.4	0.0
24	15.4	25.6	19.8	76.7	0.0	0.0	0.0	6.5
25	14.5	28.0	18.6	71.3	0.0	0.0	0.0	8.9
26	13.1	26.4	18.9	73.7	0.0	0.0	0.0	8.8
27	12.0	27.5	20.2	69.3	0.0	0.0	0.0	7.2
28	15.5	27.6	20.6	73.0	0.0	0.0	0.0	4.2
29	15.5	27.5	21.2	69.7	0.0	0.0	0.0	4.0
30	17.0	26.0	20.2	76.3	0.0	0.0	0.0	3.5
31	16.0	25.6	20.2	75.0	0.0	1.8	1.8	3.3
Total :					26.8	3.3	30.1	173.3
Promedio :	14.8	26.0	19.8	77.1				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	27.6	19.8	76.0	0.0	0.0	0.0	6.3
2	15.0	27.5	20.7	73.3	0.0	0.0	0.0	6.8
3	17.0	24.5	20.1	79.7	0.0	11.2	11.2	.2
4	17.2	23.7	20.0	82.7	0.0	0.0	0.0	1.1
5	16.0	18.5	17.3	93.7	3.6	.1	3.7	0.0
6	14.0	22.7	17.8	87.3	0.0	.5	.5	2.7
7	16.5	24.0	19.0	81.0	.3	0.0	.3	1.3
8	14.5	25.7	18.6	80.0	29.2	0.0	29.2	4.9
9	14.6	25.5	19.8	79.3	9.5	0.0	9.5	6.4
10	15.0	24.7	18.8	84.3	.2	1.3	1.5	4.8
11	15.5	26.5	20.2	74.7	0.0	0.0	0.0	6.1
12	15.0	26.8	19.8	75.7	0.0	0.0	0.0	7.3
13	11.2	26.5	19.2	67.7	0.0	0.0	0.0	6.4
14	13.0	27.6	19.8	70.3	0.0	0.0	0.0	5.4
15	14.0	25.5	18.6	75.7	0.0	0.0	0.0	5.5
16	15.0	28.0	20.6	72.7	0.0	0.0	0.0	7.7
17	14.5	27.4	20.5	73.0	0.0	0.0	0.0	5.7
18	16.0	27.3	21.2	75.0	0.0	0.0	0.0	4.9
19	15.5	27.7	20.8	77.0	0.0	0.0	0.0	5.7
20	15.0	22.8	18.5	83.0	0.0	0.0	0.0	1.4
21	13.8	28.1	20.2	71.3	0.0	0.0	0.0	6.8
22	13.5	27.5	19.7	74.3	0.0	0.0	0.0	6.5
23	15.0	28.5	21.7	68.3	0.0	0.0	0.0	4.6
24	15.5	28.6	22.0	68.7	0.0	0.0	0.0	8.0
25	15.4	28.6	21.6	69.0	0.0	0.0	0.0	6.8
26	15.0	26.5	20.4	76.7	0.0	0.0	0.0	0.0
27	16.0	23.2	19.4	84.7	.2	0.0	.2	.4
28	15.0	22.5	18.4	83.3	0.0	0.0	0.0	.7
29								
30								
31								
Total :					43.0	13.1	56.1	124.4
Promedio :	15.0	25.9	19.8	77.1				

Estación : BLONAY
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	24.5	19.3	79.3	0.0	0.0	0.0	2.2
2	14.0	27.0	20.5	71.3	0.0	0.0	0.0	6.3
3	14.4	26.4	19.8	76.0	0.0	0.0	0.0	4.5
4	14.5	28.0	20.8	69.0	0.0	7.9	7.9	5.9
5	16.0	24.0	19.0	82.3	0.0	0.0	0.0	1.0
6	14.5	24.3	18.8	83.0	0.0	0.0	0.0	3.1
7	13.5	25.5	19.5	75.3	0.0	0.0	0.0	3.0
8	13.0	26.5	20.3	72.3	0.0	0.0	0.0	6.9
9	14.4	29.5	20.8	67.0	0.0	0.0	0.0	6.5
10	15.2	28.4	21.7	67.3	0.0	0.0	0.0	4.9
11	17.5	25.0	20.0	82.0	53.2	12.6	65.8	.4
12	17.0	19.4	18.0	92.7	9.4	0.0	9.4	0.0
13	14.8	28.1	21.0	73.7	0.0	0.0	0.0	6.0
14	16.2	28.8	21.6	72.3	0.0	0.0	0.0	3.4
15	16.5	22.8	19.2	86.7	.6	0.0	.6	0.0
16	17.0	25.8	20.2	82.7	0.0	0.0	0.0	1.3
17	17.3	29.6	21.8	72.7	0.0	0.0	0.0	4.6
18	16.5	24.5	20.0	84.3	.4	1.4	1.8	.2
19	17.5	22.5	19.6	89.3	0.0	0.0	0.0	0.0
20	17.5	22.0	19.4	86.7	0.0	1.0	1.0	0.0
21	17.5	23.0	19.7	88.0	1.0	.9	1.9	0.0
22	18.0	25.5	20.6	81.3	0.0	0.0	0.0	.6
23	17.5	29.5	22.0	74.7	0.0	0.0	0.0	4.1
24	17.8	28.5	20.2	74.7	0.0	0.0	0.0	1.2
25	16.0	29.5	22.1	65.7	0.0	0.0	0.0	6.1
26	15.5	30.0	21.6	66.7	0.0	0.0	0.0	4.9
27	16.5	29.0	21.7	72.7	0.0	6.8	6.8	5.9
28	18.5	27.4	21.4	80.7	.1	36.4	36.5	1.4
29	17.0	25.0	19.6	87.7	0.0	0.0	0.0	.8
30	15.5	23.7	19.5	86.3	0.0	.6	.6	.9
31	17.5	28.5	21.5	75.7	0.0	0.0	0.0	5.0
Total :					64.7	67.6	132.3	91.1
Promedio :	16.1	26.2	20.4	78.1				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.5	21.6	78.0	9.9	14.5	24.4	3.3
2	18.0	22.5	19.4	90.7	1.3	0.0	1.3	0.0
3	16.5	30.0	22.3	71.3	0.0	0.0	0.0	5.1
4	16.6	28.7	21.4	74.3	0.0	0.0	0.0	4.0
5	17.5	30.5	21.3	71.0	0.0	0.0	0.0	5.1
6	16.4	26.5	21.1	80.7	1.1	18.2	19.3	1.6
7	17.3	24.8	20.8	81.7	0.0	.2	.2	0.0
8	16.5	21.6	18.0	92.0	13.0	5.4	18.4	.6
9	15.2	24.1	18.8	83.3	0.0	0.0	0.0	2.9
10	16.3	26.0	20.0	75.3	0.0	0.0	0.0	4.4
11	17.0	23.0	18.8	86.7	29.0	40.0	69.0	.9
12	16.6	18.6	17.4	91.0	0.0	0.0	0.0	0.0
13	16.5	24.6	19.4	81.0	.5	3.1	3.6	.9
14	16.4	22.9	19.0	88.0	16.6	6.3	22.9	1.4
15	17.5	22.9	19.4	88.7	0.0	0.0	0.0	.2
16	16.7	26.8	20.8	80.7	7.0	3.0	10.0	6.2
17	17.5	23.5	19.4	93.3	1.2	.6	1.8	.8
18	17.0	27.5	20.7	74.0	0.0	.5	.5	1.7
19	17.5	22.8	19.8	86.3	1.2	3.6	4.8	.1
20	17.6	23.5	19.8	85.3	0.0	0.0	0.0	.2
21	18.0	27.8	21.6	78.3	0.0	.4	.4	4.6
22	18.5	27.5	22.2	77.3	0.0	0.0	0.0	4.4
23	17.5	24.5	20.6	85.3	4.9	0.0	4.9	.8
24	17.0	26.0	20.8	81.3	0.0	0.0	0.0	1.2
25	18.0	27.0	20.4	80.0	0.0	0.0	0.0	3.1
26	16.5	27.8	20.5	83.3	4.8	10.1	14.9	4.9
27	17.2	24.2	19.5	91.0	1.2	0.0	1.2	1.0
28	16.5	25.0	19.0	89.7	6.2	0.0	6.2	3.0
29	16.5	25.5	20.0	84.0	0.0	0.0	0.0	4.0
30	17.5	27.0	20.9	79.7	0.0	.4	.4	2.9
31								
Total :					97.9	106.3	204.2	69.3
Promedio :	17.0	25.4	20.2	82.8				

Estación : BLONAY
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	26.5	20.8	84.3	0.0	0.0	0.0	3.1
2	17.5	27.0	20.2	73.0	0.0	0.0	0.0	2.0
3	16.5	28.5	20.2	76.3	1.7	0.0	1.7	3.8
4	16.4	27.5	20.7	74.7	0.0	0.0	0.0	4.6
5	15.4	29.5	21.2	75.0	0.0	0.0	0.0	8.5
6	15.2	27.3	20.0	79.3	.1	0.0	.1	4.4
7	15.0	26.5	20.4	79.7	0.0	0.0	0.0	2.9
8	17.0	27.9	21.8	77.0	0.0	0.0	0.0	5.0
9	17.5	26.5	21.0	78.3	0.0	0.0	0.0	4.3
10	18.4	28.0	21.2	78.7	.4	0.0	.4	2.1
11	17.5	30.4	22.0	72.0	0.0	0.0	0.0	4.6
12	17.7	31.0	23.0	67.7	0.0	0.0	0.0	6.4
13	19.0	28.0	21.6	77.3	0.0	0.0	0.0	5.6
14	18.0	23.8	19.7	85.7	3.8	0.0	3.8	.1
15	16.5	28.0	21.6	76.7	0.0	0.0	0.0	2.0
16	17.5	29.5	22.0	73.3	0.0	0.0	0.0	5.6
17	17.5	25.2	20.6	79.0	3.1	0.0	3.1	.1
18	17.4	27.0	21.4	79.7	1.2	0.0	1.2	3.6
19	17.2	29.4	21.8	69.3	0.0	0.0	0.0	8.1
20	17.0	30.0	22.2	70.3	0.0	0.0	0.0	6.9
21	16.5	27.5	20.0	83.7	2.0	0.0	2.0	2.4
22	17.3	24.4	20.3	86.3	1.2	0.0	1.2	.5
23	18.0	29.0	22.6	74.7	0.0	0.0	0.0	3.6
24	17.5	29.2	21.8	76.3	0.0	8.2	8.2	6.7
25	19.0	26.5	21.0	83.3	8.0	1.0	9.0	.9
26	18.0	25.8	20.2	84.3	11.8	17.0	28.8	.3
27	18.2	25.4	20.4	87.7	8.8	2.0	10.8	1.0
28	16.5	26.9	21.0	80.0	1.1	0.0	1.1	3.0
29	17.5	27.0	20.9	81.3	30.6	18.8	49.4	2.5
30	17.9	26.5	20.6	84.3	20.2	0.0	20.2	2.5
31	18.5	23.5	19.6	92.3	3.9	0.0	3.9	0.0
Total :					97.9	47.0	144.9	107.1
Promedio :	17.3	27.4	21.0	78.8				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	27.0	21.1	79.7	0.0	0.0	0.0	3.1
2	16.8	29.2	22.0	76.0	1.1	3.0	4.1	6.8
3	16.0	28.5	21.0	77.0	0.0	0.0	0.0	7.4
4	17.5	28.3	21.3	76.7	2.0	1.8	3.8	1.9
5	18.5	25.5	20.9	84.7	2.2	1.8	4.0	.7
6	16.5	26.5	20.6	80.0	8.0	0.0	8.0	2.9
7	17.2	27.0	20.9	81.0	8.0	0.0	8.0	3.1
8	18.0	28.7	22.2	74.7	0.0	0.0	0.0	6.3
9	17.2	27.0	21.3	76.0	0.0	0.0	0.0	6.1
10	18.8	29.8	21.8	73.3	0.0	0.0	0.0	6.5
11	16.5	29.0	20.4	80.0	6.5	0.0	6.5	3.0
12	16.0	27.3	20.6	79.3	4.2	0.0	4.2	4.3
13	15.5	26.2	19.0	72.0	0.0	0.0	0.0	1.1
14	16.5	28.0	21.0	75.0	0.0	0.0	0.0	5.1
15	16.6	29.0	20.3	77.3	8.5	0.0	8.5	4.2
16	17.0	28.5	21.3	75.3	0.0	4.5	4.5	6.1
17	17.3	26.3	20.4	81.7	0.0	4.4	4.4	6.1
18	17.5	24.0	19.8	87.7	2.5	0.0	2.5	0.0
19	17.0	23.5	19.8	84.0	.5	2.6	3.1	.5
20	16.5	25.3	20.0	80.7	0.0	0.0	0.0	1.9
21	16.0	26.5	20.6	78.3	0.0	0.0	0.0	3.3
22	16.0	28.5	20.6	81.0	0.0	0.0	0.0	4.1
23	16.2	23.5	18.8	91.7	4.0	0.0	4.0	1.3
24	16.5	25.5	20.6	80.7	0.0	0.0	0.0	6.3
25	16.0	25.0	19.2	87.0	0.0	0.0	0.0	2.4
26	15.8	21.0	17.6	93.0	2.5	0.0	2.5	.1
27	15.5	26.5	20.2	82.7	0.0	0.0	0.0	5.1
28	16.7	21.8	18.8	94.0	13.5	0.0	13.5	0.0
29	17.0	27.5	19.9	81.7	1.0	0.0	1.0	1.9
30	16.7	28.2	21.3	72.7	0.0	0.0	0.0	3.9
31								
Total :					64.5	18.1	82.6	105.5
Promedio :	16.8	26.6	20.4	80.5				

Estación : BLONAY
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	23.0	19.6	87.0	3.0	0.0	3.0	1.2
2	17.0	25.8	20.8	81.7	0.0	0.0	0.0	4.9
3	16.0	27.5	20.7	80.0	0.0	0.0	0.0	3.8
4	17.5	24.5	20.2	84.0	1.0	0.0	1.0	.5
5	16.0	27.0	19.2	91.0	1.7	0.0	1.7	2.0
6	15.5	29.5	21.3	71.7	0.0	0.0	0.0	5.2
7	15.0	27.5	20.3	77.0	0.0	0.0	0.0	4.7
8	16.0	28.5	21.8	71.7	0.0	0.0	0.0	6.5
9	17.5	29.5	20.8	75.3	0.0	0.0	0.0	6.7
10	17.0	25.0	19.7	89.7	2.5	3.5	6.0	1.0
11	17.5	25.5	20.2	84.3	0.0	0.0	0.0	1.7
12	15.0	28.5	20.6	74.3	0.0	0.0	0.0	2.9
13	15.5	27.0	19.4	79.7	4.0	0.0	4.0	5.4
14	15.0	28.6	20.2	76.3	0.0	2.8	2.8	5.4
15	16.5	24.5	19.4	86.7	3.0	0.0	3.0	1.7
16	16.0	27.0	20.9	77.3	1.0	0.0	1.0	2.9
17	15.5	24.5	18.8	82.7	0.0	0.0	0.0	0.0
18	16.0	26.5	20.8	75.3	0.0	0.0	0.0	.9
19	15.5	29.0	21.2	76.3	0.0	0.0	0.0	5.7
20	16.3	27.0	20.1	80.3	0.0	0.0	0.0	2.7
21	16.5	24.5	19.7	88.0	.8	0.0	.8	2.1
22	14.5	27.5	19.4	77.0	0.0	0.0	0.0	7.0
23	15.8	29.6	21.2	69.7	0.0	0.0	0.0	9.1
24	15.5	26.5	19.9	88.3	3.0	0.0	3.0	3.9
25	17.4	25.5	19.2	85.3	0.0	0.0	0.0	1.8
26	15.0	28.7	20.7	74.3	0.0	0.0	0.0	7.6
27	15.5	29.0	22.2	73.0	0.0	0.0	0.0	6.2
28	17.0	28.5	21.6	74.3	0.0	0.0	0.0	2.1
29	17.7	30.5	22.2	56.7	0.0	0.0	0.0	8.6
30	16.0	30.0	21.5	64.3	0.0	5.5	5.5	7.1
31	16.2	26.5	20.1	79.3	0.0	0.0	0.0	3.3
Total :					20.0	11.8	31.8	124.6
Promedio :	16.1	27.2	20.4	78.5				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	29.0	20.6	71.3	0.0	0.0	0.0	4.3
2	14.5	30.9	21.4	69.0	0.0	0.0	0.0	9.2
3	15.0	30.5	20.0	71.7	6.5	0.0	6.5	4.9
4	14.5	29.2	21.4	74.0	0.0	0.0	0.0	7.4
5	15.5	29.0	21.4	66.3	0.0	0.0	0.0	8.5
6	14.5	28.6	20.6	81.0	0.0	8.5	8.5	5.4
7	17.4	28.0	20.0	81.3	0.0	0.0	0.0	2.4
8	16.0	28.5	21.0	77.3	0.0	15.5	15.5	5.2
9	16.5	27.0	20.0	75.7	0.0	0.0	0.0	5.1
10	16.3	27.5	20.8	81.3	0.0	0.0	0.0	8.1
11	16.0	28.5	21.4	72.7	0.0	0.0	0.0	3.6
12	17.2	28.8	21.8	73.7	0.0	0.0	0.0	2.6
13	17.6	28.0	21.0	75.3	0.0	0.0	0.0	2.2
14	16.2	28.1	21.0	77.3	0.0	0.0	0.0	1.7
15	16.2	26.5	20.6	82.7	0.0	0.0	0.0	4.4
16	15.7	27.5	20.6	76.3	0.0	0.0	0.0	5.1
17	15.0	30.5	20.5	73.7	0.0	0.0	0.0	7.0
18	15.2	25.0	20.4	78.0	0.0	0.0	0.0	3.3
19	17.0	27.0	20.7	77.7	0.0	0.0	0.0	2.3
20	16.0	26.5	20.0	78.7	7.5	0.0	7.5	2.3
21	16.4	30.0	21.3	69.3	0.0	0.0	0.0	5.9
22	17.0	31.5	22.6	72.3	0.0	0.0	0.0	3.8
23	16.0	27.5	20.8	71.3	0.0	0.0	0.0	7.7
24	15.2	31.5	21.6	70.3	0.0	0.0	0.0	7.5
25	16.0	29.9	21.6	73.7	0.0	0.0	0.0	.7
26	16.2	30.0	22.4	72.0	0.0	0.0	0.0	6.4
27	16.7	29.0	22.6	71.7	0.0	0.0	0.0	4.5
28	16.5	27.6	22.4	71.3	0.0	0.0	0.0	1.4
29	16.6	26.5	19.6	73.3	0.0	0.0	0.0	5.4
30	16.8	29.8	19.6	66.7	0.0	0.0	0.0	0.0
31	16.5	29.5	20.6	64.3	0.0	0.0	0.0	5.6
Total :					14.0	24.0	38.0	143.9
Promedio :	16.1	28.6	21.0	73.9				

Estación : BLONAY
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

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

Septiembre	Temperatura (ºC) 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								

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	32.0	20.4	71.7	0.0	0.0	0.0	5.1
2	15.1	27.6	17.8	82.0	0.0	0.0	0.0	4.5
3	16.0	31.3	19.5	79.3	0.0	0.0	0.0	7.5
4	16.2	30.7	20.4	89.3	0.0	0.0	0.0	6.7
5	16.8	28.5	21.4	79.0	0.0	0.0	0.0	5.9
6	17.5	27.0	20.3	84.0	0.0	0.0	0.0	7.1
7	16.0	28.4	21.5	71.0	0.0	1.2	1.2	4.4
8	17.5	27.0	21.4	77.3	3.4	0.0	3.4	3.2
9	16.0	30.5	21.3	70.3	0.0	0.0	0.0	4.7
10	15.5	31.0	22.4	62.7	0.0	.8	.8	5.4
11	17.9	25.6	20.7	77.3	0.0	0.0	0.0	.7
12	17.0	30.8	23.0	54.0	0.0	0.0	0.0	6.1
13	17.2	31.0	22.2	67.0	0.0	0.0	0.0	6.5
14	16.0	30.5	21.9	66.0	0.0	0.0	0.0	8.7
15	17.0	28.8	22.1	69.3	0.0	0.0	0.0	4.2
16	15.5	26.5	20.4	73.0	0.0	0.0	0.0	1.3
17	17.0	30.5	21.3	67.0	0.0	0.0	0.0	5.8
18	16.0	30.6	21.4	62.0	0.0	0.0	0.0	4.6
19	14.5	29.5	22.4	66.3	0.0	0.0	0.0	7.2
20	17.5	28.4	20.8	72.0	4.0	1.0	5.0	2.8
21	16.0	27.0	20.8	72.0	0.0	0.0	0.0	3.7
22	17.0	28.0	21.2	71.3	0.0	0.0	0.0	1.8
23	16.0	28.2	22.0	68.3	0.0	0.0	0.0	3.8
24	16.2	28.5	21.5	68.3	0.0	0.0	0.0	5.4
25	16.5	27.0	21.4	75.7	0.0	0.0	0.0	2.6
26	16.8	28.5	20.8	75.0	8.0	1.0	9.0	5.2
27	16.7	26.4	20.1	79.7	23.0	32.0	55.0	3.4
28	15.2	27.0	20.7	76.0	0.0	35.0	35.0	5.9
29	17.0	26.0	20.0	85.0	29.0	4.0	33.0	3.2
30	16.5	25.5	20.2	82.3	1.9	3.5	5.4	4.3
31	17.0	25.7	20.4	80.0	0.0	0.0	0.0	2.8
Total					69.3	78.5	147.8	144.5
Promedio	16.4	28.5	21.0	73.4				

Estación : BLONAY
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	27.6	19.8	73.0	0.0	0.0	0.0	5.3
2	14.9	27.0	20.3	75.7	0.0	0.0	0.0	2.7
3	17.2	26.7	20.9	80.7	8.0	0.0	8.0	2.2
4	15.8	26.5	20.8	80.3	4.0	6.0	10.0	4.4
5	16.7	25.0	19.2	86.7	3.0	0.0	3.0	3.1
6	14.0	26.0	19.0	80.7	0.0	0.0	0.0	4.1
7	15.3	25.9	20.5	78.0	9.0	4.0	13.0	1.6
8	17.4	24.5	20.2	81.3	0.0	0.0	0.0	1.9
9	16.5	24.0	19.6	87.7	2.0	0.0	2.0	.6
10	16.0	26.5	20.5	79.7	0.0	0.0	0.0	5.8
11	15.0	27.3	19.4	74.7	0.0	0.0	0.0	6.7
12	14.5	27.0	20.2	75.0	0.0	0.0	0.0	5.5
13	15.4	26.5	19.9	81.3	0.0	0.0	0.0	2.8
14	15.0	27.0	20.2	76.0	0.0	0.0	0.0	6.1
15	14.5	28.9	20.1	72.7	0.0	0.0	0.0	6.4
16	15.5	23.8	18.8	79.7	0.0	0.0	0.0	2.4
17	15.4	26.2	19.2	79.0	0.0	0.0	0.0	2.4
18	16.4	26.8	20.3	78.0	0.0	0.0	0.0	4.2
19	16.6	25.8	20.2	76.7	0.0	0.0	0.0	2.2
20	15.5	28.0	20.6	71.7	0.0	0.0	0.0	7.1
21	15.8	27.7	20.4	76.3	0.0	0.0	0.0	4.6
22	14.5	28.5	20.3	70.3	0.0	0.0	0.0	7.4
23	16.5	28.0	20.7	76.3	1.4	0.0	1.4	2.8
24	18.0	28.4	21.8	76.7	7.6	0.0	7.6	5.3
25	17.0	29.5	21.0	73.0	0.0	0.0	0.0	5.2
26	16.5	26.5	20.4	77.0	0.0	.2	.2	2.1
27	16.0	29.5	21.2	71.0	0.0	0.0	0.0	6.4
28	16.2	29.0	20.6	69.7	0.0	0.0	0.0	7.4
29	15.5	28.6	20.3	71.7	0.0	0.0	0.0	3.8
30	15.2	28.5	21.2	73.7	0.0	0.0	0.0	6.0
31								
Total :					35.0	10.2	45.2	128.5
Promedio :	15.8	27.0	20.3	76.8				

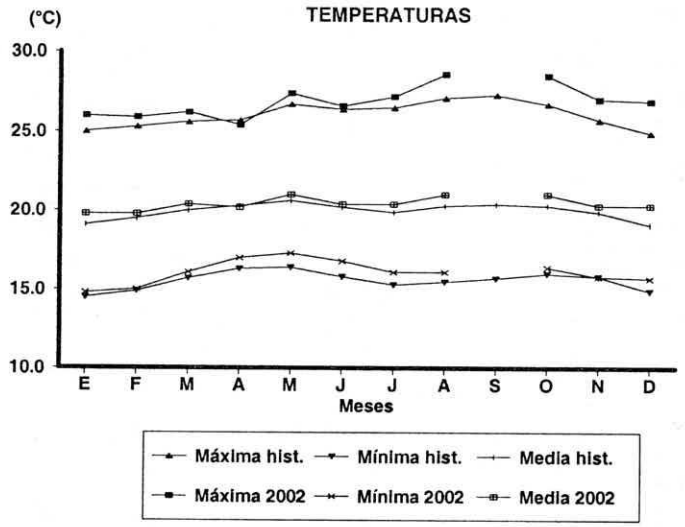
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	28.3	22.0	69.7	0.0	.3	.3	4.3
2	18.0	25.5	20.0	80.0	2.5	0.0	2.5	2.0
3	15.0	27.0	19.6	74.0	0.0	0.0	0.0	5.7
4	14.0	27.5	19.5	70.0	0.0	0.0	0.0	6.7
5	15.0	28.5	21.0	69.3	0.0	0.0	0.0	6.9
6	14.2	28.4	20.4	69.7	0.0	0.0	0.0	7.2
7	16.6	26.5	21.0	75.7	0.0	0.0	0.0	3.3
8	16.0	25.5	20.5	80.7	.4	12.9	13.3	1.7
9	18.0	21.5	19.6	88.0	.5	0.0	.5	0.0
10	15.0	26.5	19.4	72.3	0.0	0.0	0.0	7.7
11	13.2	27.7	19.1	69.7	0.0	0.0	0.0	7.1
12	15.5	27.5	19.6	71.7	0.0	0.0	0.0	6.5
13	15.0	27.8	20.0	70.0	0.0	0.0	0.0	6.3
14	15.5	28.5	21.3	70.3	0.0	5.2	5.2	5.5
15	17.0	24.0	20.1	81.7	0.0	0.0	0.0	.1
16	17.5	27.4	20.6	75.7	3.3	.8	4.1	1.4
17	17.0	26.0	20.7	79.3	0.0	.1	.1	3.4
18	18.0	27.0	21.6	73.0	.2	0.0	.2	2.8
19	17.6	26.5	21.2	77.0	1.7	0.0	1.7	4.1
20	15.5	26.4	20.3	77.0	0.0	0.0	0.0	3.4
21	17.0	27.2	21.4	69.3	0.0	0.0	0.0	6.0
22	14.5	28.0	20.5	69.0	0.0	0.0	0.0	7.4
23	16.5	23.0	19.2	84.0	0.0	.1	.1	.6
24	15.0	29.5	19.8	70.7	0.0	0.0	0.0	8.3
25	14.5	28.0	20.1	70.3	0.0	0.0	0.0	6.7
26	14.4	27.5	20.2	70.7	0.0	0.0	0.0	7.2
27	14.5	28.0	20.5	68.3	0.0	0.0	0.0	7.9
28	14.0	27.6	20.4	67.7	0.0	0.0	0.0	6.0
29	15.0	26.5	20.3	71.7	0.0	0.0	0.0	6.5
30	16.0	25.5	20.2	65.3	0.0	0.0	0.0	5.0
31	14.0	28.4	19.7	64.7	0.0	0.0		7.7
Total :					8.6	19.4	28.0	155.4
Promedio :	15.7	26.9	20.3	73.1				

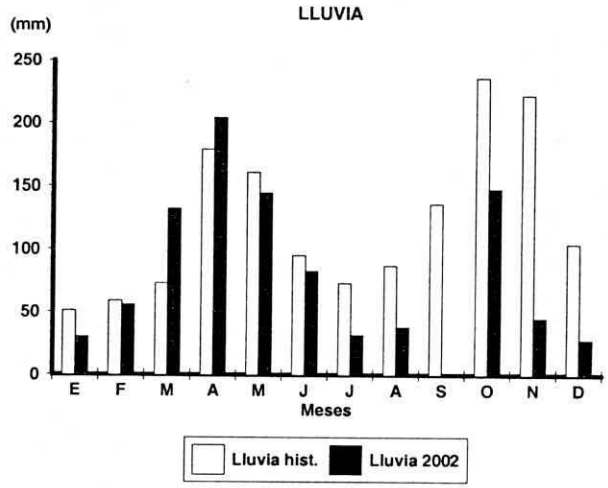
Estación : BLONAY
Año : 2002

Dpto. : NORTE SANTANDER
Mpio. : CHINACOTA

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	14.8	26.0	19.8	28.4	12.0	77.1	30.1	6	173.3
Febrero	15.0	25.9	19.8	28.6	11.2	77.1	56.1	8	124.4
Marzo	16.1	26.2	20.4	30.0	13.0	78.1	132.3	10	91.1
Abril	17.0	25.4	20.2	30.5	15.2	82.8	204.2	18	69.3
Mayo	17.3	27.4	21.0	31.0	15.0	78.8	144.9	16	107.1
Junio	16.8	26.6	20.4	29.8	15.5	80.5	82.6	16	105.5
Julio	16.1	27.2	20.4	30.5	14.5	78.5	31.8	11	124.6
Agosto	16.1	28.6	21.0	31.5	14.5	73.9	38.0	4	143.9
Septiembre									
Octubre	16.4	28.5	21.0	32.0	14.0	73.4	147.8	9	144.5
Noviembre	15.8	27.0	20.3	29.5	14.0	76.8	45.2	8	128.5
Diciembre	15.7	26.9	20.3	29.5	13.2	73.1	28.0	10	155.4
Promedio :									
Absoluta :									
Total :									





Estación : MARACAY
Año : 2002

Dpto. : QUINDIO
Mpio. : QUIMBAYA

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

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	27.0	21.4	65.7	3.1	0.0	3.1	8.0
2	16.1	28.0	21.3	70.7	.7	9.4	10.1	6.6
3	16.8	25.5	20.4	72.7	.2	0.0	.2	3.1
4	15.8	27.0	21.7	56.7	0.0	0.0	0.0	9.1
5	15.4	26.6	21.2	61.7	0.0	0.0	0.0	6.1
6	15.4	28.0	22.0	58.3	0.0	24.5	24.5	8.3
7	18.3	25.0	19.6	80.3	1.0	2.8	3.8	2.0
8	16.2	26.0	19.8	73.3	0.0	0.0	0.0	6.3
9	17.5	26.2	20.8	70.7	3.3	.2	3.5	6.0
10	15.1	28.0	20.2	65.7	0.0	0.0	0.0	8.6
11	16.0	27.0	20.9	62.3	0.0	0.0	0.0	7.6
12	15.0	27.0	20.8	68.0	0.0	8.0	8.0	5.6
13	17.6	25.0	20.4	72.7	1.3	.9	2.2	2.2
14	15.2	26.2	19.8	72.7	0.0	0.0	0.0	1.5
15	15.2	27.0	20.6	70.3	4.2	0.0	4.2	7.1
16	16.1	27.0	20.8	68.7	1.0	0.0	1.0	5.0
17	15.8	27.2	20.4	71.3	1.5	0.0	1.5	6.5
18	16.0	28.0	20.2	70.0	1.0	.2	1.2	7.5
19	15.2	28.6	21.2	59.3	2.4	0.0	2.4	6.6
20	17.1	27.0	19.9	72.0	3.5	0.0	3.5	6.2
21	15.2	27.0	21.4	63.7	0.0	0.0	0.0	6.2
22	16.1	29.2	22.1	69.0	0.0	0.0	0.0	8.9
23	15.3	29.8	22.2	63.7	0.0	0.0	0.0	8.7
24	17.2	27.5	21.9	67.3	0.0	0.0	0.0	5.7
25	16.8	27.0	21.6	70.7	0.0	0.0	0.0	2.5
26	17.0	28.5	22.1	65.0	0.0	0.0	0.0	4.9
27	17.2	30.0	23.4	56.7	0.0	0.0	0.0	9.4
28	16.0	30.5	23.2	53.7	0.0	0.0	0.0	8.9
29	16.8	30.0	21.2	71.0	.5	.1	.6	7.9
30	17.8	27.0	21.0	77.0	0.0	0.0	0.0	2.9
31	17.1	25.0	20.2	75.0	0.0	0.0	0.0	.6
Total :					23.7	46.1	69.8	186.5
Promedio :	16.3	27.4	21.1	67.6				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.1	29.5	20.9	71.7	6.5	0.0	6.5	3.4
2	16.9	29.8	21.5	69.7	.5	0.0	.5	8.7
3	17.0	25.5	19.2	81.7	8.4	0.0	8.4	.7
4	16.1	24.0	19.9	78.3	0.0	0.0	0.0	.4
5	16.0	28.0	21.5	58.3	0.0	0.0	0.0	7.8
6	15.0	29.0	21.0	64.3	0.0	0.0	0.0	7.4
7	15.2	28.5	22.0	56.3	0.0	0.0	0.0	9.4
8	16.7	26.5	20.5	66.3	0.0	4.7	4.7	2.7
9	16.8	26.0	20.2	71.3	4.1	0.0	4.1	3.0
10	15.2	27.0	22.4	57.3	0.0	0.0	0.0	4.8
11	17.4	28.0	21.5	71.3	0.0	0.0	0.0	3.3
12	17.0	28.4	21.0	70.7	.9	0.0	.9	4.5
13	16.9	27.8	21.4	62.3	0.0	0.0	0.0	4.7
14	15.3	28.6	19.5	69.7	4.1	0.0	4.1	5.0
15	15.1	28.5	21.0	69.0	.4	0.0	.4	3.3
16	17.0	28.8	22.0	64.3	0.0	0.0	0.0	6.2
17	16.5	29.4	20.4	75.0	20.2	0.0	20.2	7.5
18	17.0	28.0	22.3	65.7	0.0	0.0	0.0	6.7
19	17.8	27.5	21.2	73.3	0.0	0.0	0.0	3.3
20	16.5	29.6	21.8	60.0	0.0	0.0	0.0	6.8
21	16.9	28.4	22.7	60.3	0.0	.2	.2	5.9
22	18.0	27.0	20.8	75.0	2.7	0.0	2.7	1.2
23	18.4	26.2	21.8	70.7	0.0	0.0	0.0	3.6
24	15.8	30.0	22.7	56.3	0.0	0.0	0.0	8.6
25	16.4	29.5	22.9	58.0	0.0	0.0	0.0	7.4
26	16.9	26.0	21.1	64.0	0.0	0.0	0.0	2.9
27	17.0	26.5	21.2	71.3	0.0	4.6	4.6	1.4
28	18.0	27.0	21.7	68.0	0.0	0.0	0.0	4.5
29								
30								
31								
Total :					47.8	9.5	57.3	135.1
Promedio :	16.7	27.8	21.3	67.1				

Estación : MARACAY
Año : 2002

Dpto. : QUINDIO
Mpio. : QUIMBAYA

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

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	29.8	22.1	65.7	0.0	0.0	0.0	8.6
2	16.8	29.4	21.4	71.0	7.7	0.0	7.7	7.3
3	17.0	29.0	23.0	58.7	.2	1.0	1.2	7.4
4	17.2	27.5	20.8	69.3	.1	3.8	3.9	4.9
5	16.8	26.0	20.2	72.3	1.6	0.0	1.6	4.0
6	15.9	28.4	21.4	60.3	0.0	0.0	0.0	6.1
7	16.0	28.0	21.8	59.0	.5	4.0	4.5	3.3
8	17.0	28.9	21.5	69.7	1.0	0.0	1.0	7.5
9	16.5	29.5	22.8	62.0	0.0	0.0	0.0	8.1
10	16.0	30.1	22.6	60.3	0.0	0.0	0.0	8.0
11	16.4	26.7	20.8	68.0	0.0	0.0	0.0	4.0
12	18.2	24.5	20.8	77.7	.5	0.0	.5	.3
13	17.1	28.0	22.0	61.3	0.0	30.0	30.0	2.6
14	16.8	27.0	20.3	68.0	1.0	0.0	1.0	4.0
15	15.9	26.8	20.2	70.7	0.0	0.0	0.0	1.4
16	16.0	28.5	22.2	67.3	0.0	21.2	21.2	6.1
17	17.0	23.5	19.2	81.7	0.0	0.0	0.0	.9
18	15.6	27.2	20.2	69.7	12.0	4.0	16.0	3.1
19	17.0	22.1	18.5	82.7	1.6	0.0	1.6	0.0
20	16.4	26.2	20.8	65.0	0.0	50.0	50.0	3.0
21	17.0	22.7	19.0	82.3	3.1	.1	3.2	.5
22	17.4	27.5	20.6	63.7	17.6	0.0	17.6	3.9
23	15.8	27.0	19.8	74.3	2.6	0.0	2.6	2.8
24	16.4	28.6	21.8	65.0	0.0	0.0	0.0	4.0
25	17.4	27.0	21.1	74.7	0.0	0.0	0.0	4.1
26	15.2	28.5	20.6	70.3	19.0	0.0	19.0	5.5
27	16.0	27.0	20.2	64.3	20.5	0.0	20.5	3.9
28	15.6	26.0	20.0	67.3	0.0	0.0	0.0	3.5
29	17.0	27.2	21.0	65.3	0.0	0.0	0.0	4.4
30	14.8	29.5	22.6	59.0	0.0	0.0	0.0	10.2
31	16.4	28.8	23.2	59.3	0.0	0.0	0.0	8.2
Total :					89.0	114.1	203.1	141.6
Promedio :	16.5	27.3	21.0	67.9				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	28.5	21.8	69.0	26.0	0.0	26.0	5.5
2	17.7	22.8	19.2	85.7	0.0	0.0	0.0	0.0
3	16.0	27.3	21.1	67.3	5.6	11.0	16.6	4.5
4	17.2	27.6	20.9	71.3	0.0	0.0	0.0	4.4
5	16.0	28.4	20.1	69.0	29.6	0.0	29.6	6.2
6	14.6	27.2	21.3	70.0	0.0	47.0	47.0	7.2
7	16.4	22.5	18.6	85.3	8.3	0.0	8.3	.1
8	16.6	25.4	20.0	72.3	1.0	40.0	41.0	4.0
9	15.4	25.2	20.0	71.7	0.0	0.0	0.0	5.8
10	16.5	26.5	19.4	70.3	2.0	0.0	2.0	4.2
11	15.6	27.9	20.8	62.7	0.0	0.0	0.0	7.7
12	17.4	26.4	19.9	69.7	0.0	0.0	0.0	3.7
13	16.8	27.0	20.0	67.7	0.0	0.0	0.0	5.8
14	14.8	26.6	20.8	67.0	0.0	0.0	0.0	4.3
15	15.6	27.5	21.2	68.3	12.0	0.0	12.0	4.8
16	17.0	27.2	21.0	74.0	.3	0.0	.3	3.7
17	16.6	26.2	20.8	74.0	0.0	.7	.7	2.6
18	17.0	23.4	19.1	84.3	13.6	0.0	13.6	0.0
19	15.0	26.4	21.2	63.3	0.0	4.1	4.1	6.7
20	17.2	26.2	20.8	76.3	0.0	10.0	10.0	4.9
21	17.6	25.8	20.4	86.3	2.1	0.0	2.1	3.3
22	16.5	26.5	21.7	72.7	0.0	4.0	4.0	4.2
23	17.0	26.8	21.2	68.3	0.0	14.6	14.6	5.6
24	17.2	25.0	20.2	76.3	1.8	45.1	46.9	.9
25	16.8	20.5	18.5	90.7	.6	6.9	7.5	0.0
26	16.6	24.5	19.5	76.3	7.5	23.7	31.2	1.7
27	16.4	24.0	19.0	91.3	9.2	0.0	9.2	2.4
28	15.6	27.4	20.7	74.7	0.0	18.9	18.9	4.8
29	15.0	26.4	21.1	71.3	0.0	0.0	0.0	5.8
30	17.4	24.1	20.1	80.7	0.0	0.0	0.0	.1
31								
Total :					119.6	226.0	345.6	114.9
Promedio :	16.4	25.9	20.3	74.3				

Estación : MARACAY
Año : 2002

Dpto. : QUINDIO
Mpio. : QUIMBAYA

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

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	26.6	20.6	72.0	0.0	0.0	0.0	3.4
2	16.8	27.0	22.0	70.3	0.0	0.0	0.0	3.4
3	18.4	27.5	21.6	70.0	7.9	0.0	7.9	5.1
4	16.4	29.5	22.2	65.7	0.0	0.0	0.0	9.3
5	16.4	29.8	22.8	65.3	0.0	0.0	0.0	8.4
6	17.4	28.2	22.2	73.7	6.9	0.0	6.9	5.4
7	17.0	29.4	22.0	72.3	3.6	0.0	3.6	8.2
8	18.8	27.2	22.2	73.7	0.0	0.0	0.0	2.3
9	16.8	29.6	21.4	75.7	51.2	0.0	51.2	6.9
10	16.5	27.5	22.4	69.3	0.0	0.0	0.0	6.2
11	18.8	26.0	21.2	80.7	0.0	0.0	0.0	.2
12	15.5	30.6	23.0	50.7	0.0	0.0	0.0	9.5
13	17.5	28.6	22.0	74.7	0.0	0.0	0.0	1.7
14	17.4	27.0	22.0	77.3	0.0	0.0	0.0	2.7
15	18.2	28.0	22.2	75.3	.7	0.0	.7	3.4
16	19.0	27.5	22.6	71.3	.7	0.0	.7	2.9
17	18.8	24.0	20.4	91.0	13.6	3.7	17.3	.6
18	16.8	26.5	21.0	76.0	1.7	4.6	6.3	3.6
19	17.2	25.2	20.7	76.0	0.0	0.0	0.0	2.4
20	18.4	27.2	21.3	73.3	3.5	70.2	73.7	3.4
21	17.0	23.5	20.1	79.0	0.0	0.0	0.0	1.0
22	17.9	24.0	20.2	79.3	0.0	0.0	0.0	.6
23	16.2	25.2	21.0	73.7	0.0	3.7	3.7	2.8
24	15.0	27.0	21.4	70.3	0.0	12.0	12.0	7.2
25	14.0	20.5	17.6	82.7	18.4	1.7	20.1	0.0
26	13.8	24.5	18.1	72.7	0.0	0.0	0.0	6.2
27	16.8	26.6	21.3	63.7	0.0	30.6	30.6	3.2
28	15.0	23.5	17.0	75.0	.3	0.0	.3	3.3
29	15.4	26.5	20.0	59.7	0.0	0.0	0.0	6.6
30	16.9	26.0	20.5	71.7	0.0	0.0	0.0	3.5
31	16.0	21.8	19.4	88.0	.6	0.0	.6	.8
Total :					109.1	126.5	235.6	124.2
Promedio :	16.8	26.5	21.0	73.2				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	26.0	20.4	72.3	0.0	19.6	19.6	3.1
2	16.5	25.5	21.1	79.0	.9	.2	1.1	4.1
3	16.8	24.5	18.6	89.0	.7	0.0	.7	2.6
4	16.0	21.5	18.6	85.0	.7	0.0	.7	.4
5	16.2	24.5	19.4	78.0	9.9	44.6	54.5	1.2
6	15.8	25.0	19.2	71.7	1.4	6.5	7.9	2.5
7	15.5	22.5	18.4	84.3	0.0	0.0	0.0	1.7
8	15.4	27.0	20.2	68.3	0.0	9.2	9.2	6.9
9	16.0	24.8	18.2	83.3	.8	0.0	.8	3.0
10	15.4	25.5	19.6	72.7	0.0	.4	.4	2.8
11	17.2	25.0	20.1	76.3	.4	0.0	.4	2.3
12	16.2	26.2	20.7	70.0	0.0	5.9	5.9	5.4
13	17.2	25.5	20.3	74.0	.4	0.0	.4	3.4
14	16.0	26.6	20.8	71.0	0.0	.8	.8	5.3
15	16.2	25.8	20.8	72.0	0.0	0.0	0.0	3.8
16	16.0	27.5	21.7	66.0	0.0	0.0	0.0	4.1
17	16.8	25.5	20.5	73.0	0.0	0.0	0.0	2.3
18	15.4	26.5	20.6	73.3	0.0	0.0	0.0	5.0
19	15.8	30.5	24.5	44.0	0.0	0.0	0.0	10.1
20	17.4	28.6	23.1	60.7	0.0	0.0	0.0	4.6
21	15.8	28.0	22.8	56.7	0.0	0.0	0.0	7.1
22	16.4	28.5	23.4	55.7	0.0	0.0	0.0	7.4
23	18.0	28.0	23.7	39.3	0.0	0.0	0.0	6.0
24	16.6	26.5	21.7	63.3	0.0	0.0	0.0	6.3
25	15.4	25.8	21.9	59.0	0.0	0.0	0.0	2.5
26	15.0	26.4	22.2	58.0	0.0	0.0	0.0	5.7
27	16.1	27.5	23.1	68.0	0.0	0.0	0.0	4.6
28	17.5	27.4	21.6	76.0	15.3	0.0	15.3	5.9
29	17.0	27.4	21.0	70.7	0.0	0.0	0.0	3.8
30	16.8	30.0	24.5	46.3	0.0	0.0	0.0	10.7
31								
Total :					30.5	87.2	117.7	134.6
Promedio :	16.3	26.3	21.1	68.6				

Estación : MARACAY
Año : 2002

Dpto. : QUINDIO
Mpio. : QUIMBAYA

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

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	28.6	23.5	53.3	0.0	0.0	0.0	5.0
2	16.2	29.1	23.2	60.7	0.0	0.0	0.0	8.2
3	16.6	29.8	23.1	59.0	0.0	0.0	0.0	7.9
4	17.8	29.4	21.7	70.7	2.5	23.2	25.7	8.5
5	17.5	21.6	18.9	92.7	20.3	8.0	28.3	.3
6	16.7	24.8	19.7	74.7	0.0	0.0	0.0	1.6
7	15.6	28.1	22.0	63.0	0.0	0.0	0.0	8.2
8	16.4	28.6	22.4	68.0	0.0	0.0	0.0	9.2
9	16.0	27.5	22.3	68.0	0.0	0.0	0.0	5.2
10	17.4	26.8	21.1	79.0	2.8	0.0	2.8	.1
11	15.8	26.5	21.3	72.3	0.0	.2	.2	3.4
12	16.4	28.5	23.7	50.0	0.0	0.0	0.0	9.2
13	16.0	30.6	24.6	41.3	0.0	0.0	0.0	10.7
14	15.6	28.4	21.4	66.7	1.0	0.0	1.0	7.1
15	16.8	27.5	20.9	69.0	.4	0.0	.4	5.3
16	16.0	27.0	21.3	70.0	0.0	0.0	0.0	3.4
17	17.8	26.0	21.6	70.7	0.0	3.0	3.0	3.5
18	17.1	25.9	20.9	74.3	0.0	0.0	0.0	3.4
19	16.6	26.0	21.5	70.0	0.0	0.0	0.0	4.7
20	16.8	25.5	19.6	80.0	1.8	.1	1.9	2.4
21	16.6	25.2	20.2	72.3	0.0	0.0	0.0	3.6
22	15.2	27.5	22.3	60.0	0.0	0.0	0.0	6.5
23	16.2	26.0	20.2	70.3	0.0	0.0	0.0	3.8
24	16.4	27.3	21.1	65.0	0.0	0.0	0.0	5.1
25	17.6	26.8	20.8	67.0	.2	0.0	.2	4.4
26	14.2	29.5	23.0	40.7	0.0	0.0	0.0	11.0
27	15.6	27.4	21.8	60.0	0.0	0.0	0.0	7.3
28	15.4	28.5	22.7	53.3	0.0	0.0	0.0	6.8
29	15.6	30.0	23.7	45.3	0.0	0.0	0.0	8.7
30	13.6	29.5	21.6	49.7	0.0	0.0	0.0	8.0
31	16.4	25.2	19.8	72.3	.4	0.0	.4	4.0
Total :					29.4	34.5	63.9	176.5
Promedio :	16.3	27.4	21.7	64.8				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	28.9	21.7	57.3	0.0	0.0	0.0	9.3
2	14.2	27.4	22.2	54.0	0.0	0.0	0.0	6.9
3	15.4	26.5	22.0	57.3	0.0	0.0	0.0	5.1
4	14.4	28.0	21.4	59.3	0.0	0.0	0.0	9.1
5	15.6	29.0	22.7	46.3	0.0	0.0	0.0	10.5
6	14.0	28.4	21.8	60.7	0.0	0.0	0.0	6.3
7	15.6	27.0	23.4	53.3	0.0	0.0	0.0	2.1
8	16.0	26.8	21.7	65.0	0.0	0.0	0.0	5.8
9	16.8	27.5	22.2	64.0	0.0	0.0	0.0	3.5
10	16.6	30.0	24.0	42.7	0.0	0.0	0.0	9.7
11	16.7	28.7	22.6	50.7	0.0	0.0	0.0	7.8
12	16.4	30.0	23.6	49.3	0.0	0.0	0.0	9.1
13	15.6	29.6	23.6	50.3	0.0	0.0	0.0	6.7
14	15.8	29.0	24.2	54.3	0.0	0.0	0.0	8.1
15	16.0	29.5	25.1	41.0	0.0	0.0	0.0	8.9
16	19.0	30.5	25.0	39.3	0.0	0.0	0.0	9.3
17	17.4	30.0	24.2	35.3	0.0	0.0	0.0	10.1
18	15.8	29.2	23.2	49.0	0.0	0.0	0.0	9.5
19	14.6	25.0	20.1	73.0	5.9	0.0	5.9	1.7
20	16.0	29.5	23.3	61.7	0.0	0.0	0.0	7.7
21	15.8	31.6	23.9	53.3	0.0	0.0	0.0	10.1
22	16.3	29.9	23.3	62.0	0.0	0.0	0.0	7.7
23	16.4	29.5	23.8	51.3	0.0	0.0	0.0	5.7
24	15.6	30.8	21.8	65.3	.4	0.0	.4	8.5
25	16.8	29.5	21.8	71.3	2.3	0.0	2.3	6.8
26	17.4	26.5	21.3	75.3	0.0	11.7	11.7	1.9
27	17.6	25.0	20.0	82.7	.3	0.0	.3	2.0
28	16.2	26.8	21.1	69.0	0.0	58.5	58.5	4.8
29	16.4	23.0	18.8	80.7	12.0	0.0	12.0	.2
30	14.4	27.6	20.2	65.7	.7	0.0	.7	6.0
31	16.5	28.5	21.2	68.7	0.0	0.0	0.0	6.8
Total :					21.6	70.2	91.8	207.7
Promedio :	16.0	28.4	22.4	58.4				

Estación : MARACAY
Año : 2002

Dpto. : QUINDIO
Mpio. : QUIMBAYA

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

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	27.5	19.7	76.7	45.7	.5	46.2	2.5
2	16.8	25.7	20.9	77.0	0.0	0.0	0.0	4.8
3	17.4	27.8	21.8	64.7	0.0	1.2	1.2	5.8
4	16.8	29.5	23.4	60.3	0.0	0.0	0.0	10.3
5	15.8	28.0	21.2	68.0	0.0	0.0	0.0	6.1
6	15.6	29.0	22.4	64.3	.8	0.0	.8	6.6
7	16.6	28.8	22.1	57.0	0.0	0.0	0.0	7.1
8	15.2	29.5	22.6	59.0	0.0	1.1	1.1	10.0
9	15.6	27.0	21.2	66.3	0.0	0.0	0.0	5.8
10	15.5	26.0	20.1	73.0	.8	0.0	.8	4.1
11	16.0	28.5	20.8	74.7	.1	0.0	.1	5.5
12	15.6	28.8	21.8	65.0	0.0	0.0	0.0	10.0
13	15.0	28.0	21.5	70.0	3.3	0.0	3.3	7.1
14	16.4	26.5	21.2	73.7	0.0	0.0	0.0	2.9
15	18.2	28.8	22.5	66.3	0.0	0.0	0.0	5.4
16	17.0	27.0	21.8	70.7	0.0	0.0	0.0	3.7
17	16.2	26.0	21.8	67.3	0.0	.4	.4	1.4
18	17.8	24.5	20.3	73.3	.7	.2	.9	1.6
19	16.5	25.8	19.2	81.0	.7	0.0	.7	3.4
20	16.4	28.0	22.5	64.3	0.0	0.0	0.0	7.3
21	17.4	29.5	21.3	69.0	10.6	0.0	10.6	7.8
22	15.4	28.0	21.2	60.0	0.0	0.0	0.0	6.4
23	16.0	26.5	20.8	67.7	0.0	2.0	2.0	3.7
24	15.6	25.5	20.2	73.7	9.0	8.0	17.0	4.7
25	16.8	26.0	20.1	74.0	0.0	60.3	60.3	3.4
26	16.0	23.0	17.8	88.0	3.4	1.2	4.6	2.6
27	16.6	28.0	20.0	77.3	1.1	9.2	10.3	5.9
28	16.4	24.8	19.2	79.3	.3	0.0	.3	2.9
29	14.2	26.5	21.2	62.3	0.0	0.0	0.0	6.2
30	15.0	28.2	21.8	65.0	0.0	0.0	0.0	8.1
31								
Total :					76.5	84.1	160.6	163.1
Promedio :	16.2	27.2	21.1	69.6				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.7	29.4	22.2	63.7	0.0	0.0	0.0	8.6
2	15.6	29.0	22.4	58.3	0.0	0.0	0.0	8.8
3	16.0	31.0	22.6	57.0	0.0	0.0	0.0	9.0
4	15.2	29.4	22.2	66.3	0.0	0.0	0.0	7.4
5	16.4	27.7	21.4	70.0	0.0	0.0	0.0	6.0
6	15.7	27.6	19.9	75.0	2.5	4.0	6.5	5.2
7	15.4	25.6	19.0	82.3	40.5	0.0	40.5	2.2
8	15.7	27.5	20.9	73.7	2.1	0.0	2.1	6.3
9	15.8	27.0	21.5	67.7	.8	0.0	.8	6.6
10	17.2	28.5	22.7	61.7	0.0	37.6	37.6	7.1
11	15.6	25.6	19.4	78.3	4.4	0.0	4.4	4.8
12	15.4	27.0	21.4	61.7	0.0	0.0	0.0	8.3
13	17.4	29.1	21.8	67.3	0.0	0.0	0.0	6.1
14	15.8	27.6	22.3	63.7	.1	12.2	12.3	7.0
15	16.5	25.0	20.0	75.0	0.0	0.0	0.0	2.7
16	16.7	27.4	21.4	75.0	3.0	10.4	13.4	5.8
17	16.8	24.6	19.5	82.0	1.0	1.1	2.1	2.5
18	16.2	24.9	20.2	72.7	5.6	0.0	5.6	3.4
19	16.4	27.2	21.2	64.3	.1	3.8	3.9	6.4
20	15.1	26.0	19.8	75.3	16.1	.5	16.6	3.4
21	16.0	25.7	20.6	74.7	16.9	38.8	55.7	2.2
22	16.7	22.0	17.8	92.7	19.3	0.0	19.3	1.0
23	15.4	26.6	19.2	71.7	4.7	15.9	20.6	4.0
24	16.4	26.5	20.4	75.0	.6	.6	1.2	4.5
25	15.6	26.4	20.9	67.7	0.0	18.7	18.7	3.8
26	16.2	23.0	19.6	82.3	1.9	21.9	23.8	2.1
27	16.0	23.4	18.6	88.3	1.1	0.0	1.1	2.5
28	15.4	27.1	20.2	64.0	0.0	0.0	0.0	6.0
29	16.8	26.0	19.7	76.7	18.4	12.4	30.8	4.0
30	15.6	24.3	18.6	82.7	.2	0.0	.2	3.6
31	16.2	27.5	21.8	69.0	0.0	33.4	33.4	6.3
Total :					139.3	211.3	350.6	157.6
Promedio :	16.0	26.6	20.6	72.1				

Estación : MARACAY
Año : 2002

Dpto. : QUINDIO
Mpio. : QUIMBAYA

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

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	24.8	20.0	77.0	10.0	14.8	24.8	0.0
2	17.4	24.0	19.1	81.0	5.2	7.7	12.9	.7
3	16.5	22.0	18.2	89.3	1.9	0.0	1.9	.4
4	13.6	26.1	19.6	71.3	.3	35.3	35.6	4.7
5	14.4	25.8	19.3	72.7	6.6	12.0	18.6	6.6
6	16.0	24.6	19.7	75.7	0.0	1.7	1.7	3.3
7	17.2	22.1	19.4	82.3	0.0	30.8	30.8	.1
8	16.4	24.9	18.7	78.3	7.7	0.0	7.7	2.2
9	15.0	25.0	19.9	73.3	0.0	0.0	0.0	2.7
10	15.8	26.8	20.2	70.0	0.0	0.0	0.0	6.2
11	15.4	25.5	20.8	72.0	.5	0.0	.5	3.8
12	16.0	26.2	20.0	72.7	0.0	0.0	0.0	2.2
13	16.4	25.0	20.3	74.7	0.0	20.9	20.9	1.9
14	16.6	24.2	19.5	84.0	0.0	0.0	0.0	2.1
15	16.3	26.5	20.7	70.3	0.0	0.0	0.0	3.1
16	16.0	27.2	21.0	76.7	0.0	0.0	0.0	5.0
17	18.2	26.0	19.9	77.7	5.2	0.0	5.2	2.5
18	16.8	25.0	19.2	76.3	1.1	0.0	1.1	3.0
19	17.0	25.1	20.2	74.7	0.0	0.0	0.0	2.6
20	15.4	27.5	21.0	66.3	0.0	0.0	0.0	7.2
21	16.2	27.0	21.8	67.7	0.0	0.0	0.0	4.4
22	16.0	27.9	21.0	69.0	0.0	0.0	0.0	6.9
23	15.7	28.4	21.5	66.7	0.0	0.0	0.0	8.8
24	15.6	26.8	21.1	68.3	2.2	0.0	2.2	5.6
25	15.8	27.0	20.9	72.7	5.4	0.0	5.4	6.5
26	15.7	29.0	21.3	71.0	1.5	0.0	1.5	6.4
27	16.4	28.9	21.7	73.7	2.0	0.0	2.0	6.6
28	17.5	28.5	21.2	72.3	2.7	0.0	2.7	5.5
29	17.6	25.9	20.3	78.7	0.0	0.0	0.0	1.6
30	15.5	29.6	21.6	63.7	1.5	0.0	1.5	6.4
31								
Total :					53.8	123.2	177.0	119.0
Promedio :	16.1	26.1	20.3	74.0				

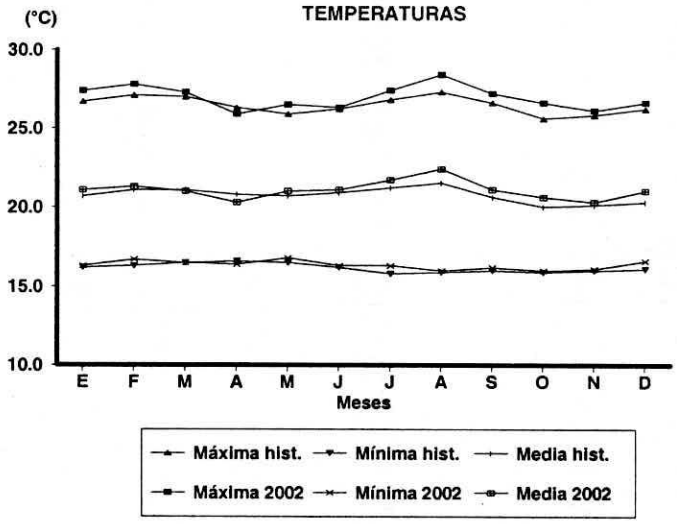
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	28.0	21.9	69.3	0.0	0.0	0.0	5.4
2	16.8	29.0	22.2	69.7	0.0	0.0	0.0	8.0
3	17.2	26.5	21.8	76.7	.2	0.0	.2	2.5
4	15.8	26.8	20.4	73.3	.5	0.0	.5	3.3
5	16.0	27.0	21.2	74.0	1.2	5.7	6.9	3.5
6	16.4	25.7	21.2	70.0	0.0	0.0	0.0	3.0
7	16.5	26.5	21.0	72.7	.2	.3	.5	4.4
8	17.6	24.5	19.9	78.7	2.0	2.5	4.5	1.6
9	17.2	27.0	21.4	70.0	.3	0.0	.3	6.6
10	16.4	28.3	21.6	70.3	.3	0.0	.3	7.2
11	18.2	26.2	21.8	72.3	0.0	0.0	0.0	2.2
12	17.0	28.9	23.3	58.0	0.0	0.0	0.0	8.4
13	18.0	28.0	22.6	65.0	0.0	0.0	0.0	6.1
14	18.4	24.9	20.8	81.0	4.2	23.5	27.7	.9
15	17.0	20.9	18.7	91.3	7.2	3.4	10.6	0.0
16	16.8	23.2	19.2	80.0	7.4	.2	7.6	1.2
17	16.5	21.0	18.4	87.7	15.0	1.5	16.5	0.0
18	16.0	25.5	19.8	77.3	.3	0.0	.3	2.0
19	16.4	28.2	21.1	73.0	1.9	0.0	1.9	4.3
20	16.0	25.0	19.9	78.0	8.4	0.0	8.4	2.8
21	15.6	25.4	19.8	75.7	0.0	0.0	0.0	3.2
22	16.2	28.5	21.8	63.3	0.0	0.0	0.0	6.4
23	16.3	28.0	21.2	66.0	0.0	0.0	0.0	6.8
24	15.5	27.0	21.2	71.7	0.0	0.0	0.0	4.1
25	15.7	27.9	21.2	71.3	2.3	0.0	2.3	5.6
26	15.8	28.5	21.5	67.0	0.0	0.0	0.0	4.9
27	16.4	26.8	20.2	72.7	0.0	0.0	0.0	3.7
28	16.6	27.0	21.1	68.7	.9	0.0	.9	7.9
29	16.5	27.7	20.6	70.7	.9	0.0	.9	6.3
30	16.2	28.0	22.6	69.0	.2	2.6	2.8	6.3
31	16.5	27.4	21.8	70.0	0.0	0.0	0.0	4.5
Total :					53.4	39.7	93.1	133.1
Promedio :	16.6	26.6	21.0	72.7				

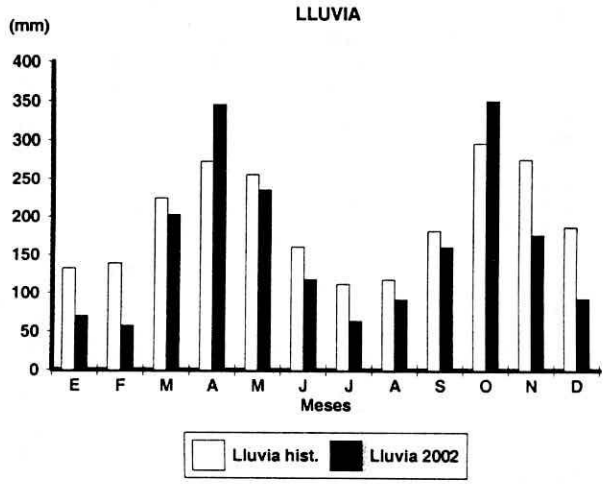
Estación : MARACAY
Año : 2002

Dpto. : QUINDIO
Mpio. : QUIMBAYA

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

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	16.3	27.4	21.1	30.5	15.0	67.6	69.8	15	186.5
Febrero	16.7	27.8	21.3	30.0	15.0	67.1	57.3	12	135.1
Marzo	16.5	27.3	21.0	30.1	14.8	67.9	203.1	18	141.6
Abril	16.4	25.9	20.3	28.5	14.6	74.3	345.6	21	114.9
Mayo	16.8	26.5	21.0	30.6	13.8	73.2	235.6	15	124.2
Junio	16.3	26.3	21.1	30.5	15.0	68.6	117.7	14	134.6
Julio	16.3	27.4	21.7	30.6	13.6	64.8	63.9	10	176.5
Agosto	16.0	28.4	22.4	31.6	14.0	58.4	91.8	8	207.7
Septiembre	16.2	27.2	21.1	29.5	14.2	69.6	160.6	17	163.1
Octubre	16.0	26.6	20.6	31.0	15.1	72.1	350.6	22	157.6
Noviembre	16.1	26.1	20.3	29.6	13.6	74.0	177.0	18	119.0
Diciembre	16.6	26.6	21.0	29.0	15.5	72.7	93.1	18	133.1
Promedio :	16.4	27.0	21.1			69.2			
Absoluta :				31.6	13.6				
Total :							1966.1	188	1793.9





Estación : EL AGRADO | Dpto. : QUINDIO | Latitud : 4 ° 31 ' N
Año : 2002 | Mpio. : MONTENEGRO | Longitud : 75 ° 47 ' W
Altitud : 1250 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.1	29.1	22.3	78.0	0.0	.2	.2	7.7
2	17.6	29.3	22.1	81.7	.3	4.8	5.1	7.2
3	17.3	28.2	22.2	81.0	0.0	0.0	0.0	4.3
4	15.6	28.5	22.4	71.3	0.0	0.0	0.0	9.4
5	15.2	28.8	20.4	82.0	0.0	0.0	0.0	5.5
6	15.0	30.6	22.0	74.7	0.0	6.0	6.0	8.4
7	18.2	26.8	20.4	86.7	.9	3.0	3.9	1.7
8	16.3	27.2	20.4	79.7	0.0	0.0	0.0	5.6
9	17.5	28.5	22.2	74.0	0.0	0.0	0.0	6.3
10	15.3	28.5	21.6	75.3	0.0	0.0	0.0	7.8
11	16.6	28.5	22.2	70.0	0.0	0.0	0.0	7.4
12	15.7	29.4	22.0	71.0	0.0	0.0	0.0	5.5
13	15.7	25.6	20.4	83.0	22.9	0.0	22.9	2.9
14	16.4	27.0	21.0	78.7	0.0	0.0	0.0	2.4
15	15.9	28.4	21.7	77.0	0.0	0.0	0.0	6.8
16	16.3	29.3	21.1	76.0	4.6	0.0	4.6	7.2
17	16.6	28.9	23.5	76.0	.2	0.0	.2	8.2
18	16.4	28.7	22.8	71.0	0.0	0.0	0.0	7.8
19	15.6	28.6	23.1	69.0	0.0	0.0	0.0	7.2
20	16.5	29.2	20.4	81.3	0.0	0.0	0.0	6.4
21	16.7	29.0	22.5	74.0	0.0	0.0	0.0	5.9
22	16.6	30.6	22.9	74.0	0.0	0.0	0.0	8.7
23	15.5	30.8	23.0	69.3	0.0	0.0	0.0	8.2
24	16.6	27.8	22.6	76.7	0.0	0.0	0.0	2.4
25	17.2	29.9	23.3	73.3	0.0	0.0	0.0	2.2
26	16.9	29.0	24.0	77.0	1.0	0.0	1.0	4.0
27	18.0	29.9	23.6	74.3	0.0	0.0	0.0	8.9
28	16.9	30.8	24.2	67.3	0.0	0.0	0.0	6.8
29	16.8	30.0	22.7	71.3	0.0	1.0	1.0	8.0
30	18.4	27.0	21.9	77.3	0.0	0.0	0.0	2.3
31	17.2	25.7	21.7	84.3	0.0	0.0	0.0	3.5
Total :					29.9	15.0	44.9	186.6
Promedio :	16.6	28.7	22.1	76.0				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	28.9	22.5	78.7	0.0	0.0	0.0	5.6
2	16.8	28.7	22.3	74.3	0.0	3.5	3.5	8.1
3	16.6	27.4	20.3	89.3	1.8	0.0	1.8	.9
4	16.5	25.0	20.6	85.7	0.0	0.0	0.0	.2
5	16.4	30.0	23.2	70.3	0.0	0.0	0.0	7.7
6	16.3	30.5	22.4	66.3	0.0	0.0	0.0	7.9
7	15.6	29.8	22.5	62.7	0.0	0.0	0.0	7.4
8	16.6	29.4	22.1	71.3	0.0	0.0	0.0	5.4
9	17.5	28.5	21.4	76.0	0.0	0.0	0.0	3.9
10	16.0	29.6	22.6	67.0	0.0	0.0	0.0	3.7
11	17.5	29.7	21.8	76.7	0.0	0.0	0.0	3.8
12	17.1	30.3	21.2	79.3	0.0	0.0	0.0	5.6
13	16.2	29.8	22.7	71.7	0.0	0.0	0.0	5.3
14	16.7	31.1	21.1	77.0	0.0	0.0	0.0	6.5
15	14.4	29.6	22.1	72.3	0.0	0.0	0.0	5.6
16	17.4	30.0	23.8	65.0	0.0	0.0	0.0	5.9
17	16.1	31.2	21.7	73.7	0.0	0.0	0.0	7.8
18	17.0	30.8	22.6	77.7	3.0	0.0	3.0	7.4
19	18.8	28.9	22.0	76.7	0.0	0.0	0.0	4.1
20	16.5	30.9	22.8	70.3	0.0	0.0	0.0	5.7
21	17.2	30.5	23.4	68.7	0.0	0.0	0.0	5.8
22	17.9	28.4	22.5	74.3	0.0	.5	.5	1.7
23	17.5	29.1	23.4	69.3	0.0	0.0	0.0	5.2
24	15.2	31.8	23.8	65.3	0.0	0.0	0.0	8.3
25	16.2	31.8	23.8	66.0	0.0	0.0	0.0	7.8
26	18.3	28.5	22.0	75.3	0.0	0.0	0.0	3.1
27	17.5	28.4	22.1	76.0	0.0	9.5	9.5	2.3
28	17.8	29.5	23.5	73.3	0.0	0.0	0.0	5.8
29								
30								
31								
Total :					4.8	13.5	18.3	148.5
Promedio :	16.9	29.6	22.4	73.2				

Estación : EL AGRADO | Dpto. : QUINDIO | Latitud : 4 ° 31 ' N
Año : 2002 | Mpio. : MONTENEGRO | Longitud : 75 ° 47 ' W
Altitud : 1250 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	31.4	23.5	69.7	0.0	0.0	0.0	8.6
2	16.1	31.8	21.1	79.3	19.0	0.0	19.0	8.1
3	16.5	30.5	23.6	66.7	0.0	0.0	0.0	8.2
4	17.7	30.3	22.4	75.3	0.0	7.7	7.7	5.5
5	17.0	28.2	21.6	74.3	0.0	0.0	0.0	3.1
6	15.4	29.0	22.0	70.0	0.0	0.0	0.0	4.9
7	16.6	31.7	23.2	67.3	.1	2.4	2.5	5.7
8	16.6	30.0	22.6	74.3	.1	0.0	.1	7.1
9	16.7	31.5	24.0	66.3	0.0	0.0	0.0	7.3
10	16.3	30.9	23.3	67.3	0.0	0.0	0.0	9.0
11	16.0	27.5	22.2	69.3	0.0	15.5	15.5	3.3
12	18.0	27.1	22.5	73.3	0.0	0.0	0.0	1.5
13	18.1	29.5	23.0	65.7	0.0	8.0	8.0	4.1
14	17.2	28.1	21.3	76.7	1.1	0.0	1.1	4.3
15	15.3	27.6	21.2	78.3	.3	0.0	.3	2.6
16	16.4	30.2	23.6	64.7	0.0	20.5	20.5	7.0
17	17.4	24.1	20.0	86.0	0.0	0.0	0.0	.6
18	16.0	29.1	21.5	76.0	0.0	8.2	8.2	3.5
19	16.7	23.5	19.5	90.0	1.4	0.0	1.4	.2
20	16.5	27.3	21.7	72.7	0.0	19.3	19.3	2.8
21	16.7	24.5	19.9	86.7	5.6	0.0	5.6	1.2
22	17.5	29.1	21.8	75.3	0.0	0.0	0.0	4.9
23	15.6	27.7	21.5	74.7	0.0	0.0	0.0	3.7
24	16.5	30.0	23.5	71.3	.3	21.7	22.0	4.6
25	17.0	28.0	22.9	71.7	0.0	0.0	0.0	5.8
26	16.0	30.8	20.8	77.7	26.0	0.0	26.0	7.1
27	16.8	28.3	21.0	78.3	0.0	0.0	0.0	4.2
28	15.6	28.2	20.8	78.0	0.0	0.0	0.0	3.2
29	17.0	27.5	20.9	79.3	0.0	0.0	0.0	3.9
30	14.3	30.2	23.6	64.3	0.0	0.0	0.0	10.2
31	16.4	30.5	24.0	71.0	0.0	0.0	0.0	8.7
Total :					53.9	103.3	157.2	154.9
Promedio :	16.5	28.8	22.1	73.9				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.1	30.9	22.9	76.3	.4	18.9	19.3	6.8
2	17.4	24.7	19.6	92.3	41.4	0.0	41.4	0.0
3	15.6	28.6	21.7	77.0	0.0	2.2	2.2	6.4
4	17.8	28.7	20.8	82.3	13.0	0.0	13.0	5.0
5	15.6	29.4	20.8	78.0	4.8	1.2	6.0	5.6
6	14.6	28.5	20.5	77.3	7.4	27.0	34.4	7.9
7	17.0	23.1	19.0	90.0	8.3	0.0	8.3	.1
8	16.5	27.3	20.5	78.3	.5	27.7	28.2	4.4
9	15.5	26.5	21.0	74.7	0.0	22.1	22.1	4.6
10	16.5	27.0	20.4	75.7	0.0	2.8	2.8	4.2
11	17.0	29.0	21.7	69.0	0.0	.8	.8	9.8
12	17.8	28.4	21.3	72.3	0.0	.7	.7	5.9
13	17.2	28.0	21.4	74.3	1.0	0.0	1.0	7.1
14	14.8	27.5	21.8	70.3	0.0	0.0	0.0	5.1
15	14.8	29.4	22.2	73.7	.4	1.1	1.5	7.7
16	17.1	29.5	21.6	80.0	.6	0.0	.6	3.7
17	16.6	28.9	20.8	82.7	1.4	.2	1.6	3.1
18	17.4	24.5	19.7	87.0	34.7	.2	34.9	0.0
19	16.8	27.6	22.0	75.7	0.0	14.4	14.4	6.3
20	17.6	27.1	22.0	81.3	0.0	.7	.7	2.7
21	18.5	28.2	22.8	76.7	0.0	0.0	0.0	6.7
22	17.8	28.4	23.3	80.3	0.0	1.1	1.1	5.7
23	18.6	28.4	23.3	80.7	0.0	7.0	7.0	5.3
24	17.4	26.3	21.3	81.3	0.0	88.0	88.0	2.2
25	16.5	22.0	19.2	91.0	.5	8.9	9.4	0.0
26	17.0	24.3	20.9	87.3	4.2	8.9	13.1	.6
27	16.7	26.8	20.5	81.0	1.5	0.0	1.5	3.1
28	16.5	29.0	20.4	78.7	46.0	19.0	65.0	6.0
29	15.0	28.2	21.5	71.7	0.0	.3	.3	5.9
30	17.9	25.6	21.8	82.3	0.0	0.0	0.0	.7
31								
Total :					166.1	253.2	419.3	132.6
Promedio :	16.8	27.4	21.2	79.3				

Estación : EL AGRADO
Año : 2002

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	15.7	27.6	21.5	80.0	0.0	0.0	0.0	4.1
2	16.5	29.0	22.8	78.0	0.0	0.0	0.0	4.5
3	18.0	29.1	22.2	78.3	0.0	0.0	0.0	3.8
4	17.4	29.7	23.5	67.3	0.0	0.0	0.0	7.4
5	16.7	30.9	24.6	65.3	0.0	0.0	0.0	8.2
6	17.4	29.7	23.6	76.0	3.9	0.0	3.9	6.6
7	17.6	30.4	23.1	77.7	3.3	0.0	3.3	8.6
8	18.5	28.2	22.4	81.0	0.0	0.0	0.0	1.9
9	17.9	30.7	22.7	77.0	0.0	0.0	0.0	6.9
10	17.3	29.1	23.6	75.0	0.0	0.0	0.0	6.8
11	19.8	27.0	22.4	81.0	0.0	0.0	0.0	.8
12	16.3	31.6	24.0	71.0	0.0	0.0	0.0	9.4
13	18.5	28.7	23.1	77.7	0.0	0.0	0.0	2.1
14	18.0	28.3	22.5	80.3	0.0	0.0	0.0	2.3
15	18.1	30.2	23.5	78.7	0.0	0.0	0.0	4.3
16	19.8	29.6	23.1	77.0	0.0	0.0	0.0	4.4
17	18.7	27.3	22.2	82.3	2.6	.3	2.9	.7
18	17.9	28.0	22.9	79.3	2.5	2.0	4.5	3.9
19	17.7	26.5	22.0	79.3	0.0	20.6	20.6	1.5
20	18.5	29.1	22.4	79.7	1.0	53.4	54.4	4.9
21	17.0	25.3	21.0	82.0	0.0	0.0	0.0	1.3
22	18.0	25.4	20.9	84.3	0.0	0.0	0.0	.4
23	15.9	27.9	22.0	78.7	0.0	18.0	18.0	5.0
24	15.6	28.9	22.4	73.3	0.0	29.7	29.7	8.0
25	15.0	22.3	18.4	87.7	32.5	1.6	34.1	0.0
26	14.5	26.0	20.0	72.3	0.0	0.0	0.0	6.2
27	16.3	28.1	22.2	72.0	0.0	17.3	17.3	4.4
28	15.0	24.1	18.1	79.0	.4	0.0	.4	3.0
29	15.5	27.3	20.8	65.7	0.0	.5	.5	5.6
30	17.7	27.7	22.0	73.0	0.0	0.0	0.0	2.9
31	16.1	22.1	19.1	89.7	1.0	0.0	1.0	.9
Total :					47.2	143.4	190.6	130.8
Promedio :	17.2	27.9	22.1	77.4				

Junio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	27.4	21.3	77.3	0.0	12.4	12.4	3.9
2	17.2	27.2	22.2	77.0	1.0	0.0	1.0	6.1
3	17.3	25.1	19.0	95.3	7.7	0.0	7.7	2.2
4	16.6	22.7	19.8	89.3	.5	0.0	.5	.5
5	16.9	25.7	20.7	78.7	0.0	17.0	17.0	2.6
6	16.0	26.9	20.2	78.0	.9	7.4	8.3	3.7
7	16.4	23.8	18.6	84.3	.5	0.0	.5	3.2
8	15.8	28.6	20.4	76.7	.7	8.7	9.4	6.3
9	16.9	24.6	19.6	83.7	1.5	0.0	1.5	2.6
10	15.9	27.5	21.0	79.0	0.0	0.0	0.0	4.5
11	18.2	26.8	20.6	82.3	6.2	1.5	7.7	3.5
12	16.2	28.0	21.3	76.0	0.0	0.0	0.0	8.7
13	17.5	27.4	21.2	74.0	0.0	0.0	0.0	3.9
14	16.4	27.0	21.5	76.7	.1	.2	.3	4.7
15	16.6	27.8	21.7	78.7	0.0	0.0	0.0	4.1
16	15.8	29.7	22.6	78.0	0.0	0.0	0.0	8.2
17	17.0	27.3	21.1	82.0	0.0	0.0	0.0	3.2
18	15.9	28.4	21.7	81.0	0.0	0.0	0.0	5.0
19	16.1	32.9	24.7	55.7	0.0	0.0	0.0	10.3
20	17.9	30.4	22.9	74.3	0.0	0.0	0.0	6.2
21	15.7	30.9	23.7	69.7	0.0	0.0	0.0	7.8
22	17.0	29.8	23.5	70.3	0.0	0.0	0.0	8.2
23	16.9	30.0	23.9	55.0	0.0	0.0	0.0	6.8
24	16.7	28.7	23.3	74.7	0.0	0.0	0.0	7.0
25	16.4	27.9	22.4	74.0	0.0	0.0	0.0	3.6
26	16.0	29.0	22.8	75.3	0.0	0.0	0.0	5.6
27	17.2	29.3	23.5	71.3	0.0	0.0	0.0	5.7
28	19.2	29.0	22.6	77.7	0.0	0.0	0.0	3.7
29	17.5	28.5	22.6	80.7	0.0	0.0	0.0	3.8
30	17.3	31.6	25.6	53.3	0.0	0.0	0.0	9.8
31								
Total :					19.1	47.2	66.3	155.4
Promedio :	16.7	28.0	21.9	76.0				

Estación : EL AGRADO
Año : 2002

Dpto. : QUINDIO
Mpio. : MONTENEGRO

Latitud : 4 ° 31 ' N
Longitud : 75 ° 47 ' W
Altitud : 1250 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.1	30.5	24.3	67.3	0.0	0.0	0.0	7.1
2	16.5	30.4	23.4	74.0	0.0	0.0	0.0	8.1
3	16.6	31.4	24.2	67.0	0.0	0.0	0.0	8.2
4	19.9	30.7	24.6	70.3	0.0	6.0	6.0	7.8
5	17.9	24.9	20.1	91.3	40.9	23.8	64.7	.8
6	17.0	25.8	21.0	78.7	0.0	0.0	0.0	3.2
7	15.5	29.0	23.2	69.3	0.0	0.0	0.0	9.1
8	16.4	30.7	23.5	70.7	0.0	0.0	0.0	8.9
9	16.8	29.5	23.5	70.7	0.0	0.0	0.0	6.1
10	18.0	28.5	21.7	80.3	8.9	0.0	8.9	2.4
11	15.6	27.4	22.3	76.0	0.0	19.0	19.0	5.0
12	16.9	30.7	23.2	57.3	0.0	0.0	0.0	9.3
13	15.5	32.3	24.2	57.0	0.0	0.0	0.0	10.1
14	15.4	29.6	23.1	66.0	0.0	0.0	0.0	7.9
15	17.0	28.5	21.1	79.0	.3	0.0	.3	5.1
16	16.7	28.3	22.2	73.0	0.0	0.0	0.0	4.0
17	18.3	28.1	23.5	76.3	0.0	4.1	4.1	3.8
18	17.8	27.6	22.0	77.7	0.0	0.0	0.0	3.2
19	17.4	27.9	22.6	72.0	0.0	5.5	5.5	5.8
20	17.2	28.2	21.6	75.7	.6	2.3	2.9	5.5
21	16.5	27.0	21.4	77.3	0.0	0.0	0.0	6.3
22	16.6	29.3	23.1	70.3	0.0	0.0	0.0	7.8
23	16.7	27.3	21.8	79.3	.3	0.0	.3	3.9
24	16.5	28.9	21.3	80.7	2.6	0.0	2.6	6.2
25	16.6	28.4	22.5	73.0	0.0	0.0	0.0	5.7
26	14.5	31.7	23.5	57.0	0.0	0.0	0.0	10.6
27	15.3	29.7	23.0	69.7	0.0	0.0	0.0	8.4
28	15.5	29.9	22.8	65.3	0.0	0.0	0.0	8.3
29	15.6	30.9	24.2	52.7	0.0	0.0	0.0	9.1
30	12.8	31.5	22.5	62.0	0.0	0.0	0.0	8.4
31	17.4	26.5	20.7	74.3	0.0	0.0	0.0	2.4
Total :					53.6	60.7	114.3	198.5
Promedio :	16.5	29.1	22.6	71.3				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.8	29.5	21.7	70.0	0.0	0.0	0.0	8.4
2	14.7	29.0	22.4	70.0	0.0	0.0	0.0	8.0
3	15.5	28.4	22.6	67.0	0.0	0.0	0.0	6.1
4	14.5	29.8	21.6	71.7	0.0	0.0	0.0	8.5
5	16.4	30.5	22.8	63.3	0.0	0.0	0.0	10.4
6	13.8	29.5	22.7	70.3	0.0	0.0	0.0	8.5
7	15.2	29.0	22.9	67.0	0.0	0.0	0.0	4.5
8	16.5	28.5	23.0	69.7	0.0	0.0	0.0	4.9
9	17.3	29.7	22.7	73.0	0.0	0.0	0.0	3.0
10	16.1	31.9	24.1	52.7	0.0	0.0	0.0	7.6
11	16.4	29.8	23.8	56.7	0.0	0.0	0.0	8.4
12	14.4	31.0	22.5	63.0	0.0	0.0	0.0	7.5
13	17.1	30.9	24.3	63.3	0.0	0.0	0.0	7.1
14	16.2	31.0	24.4	61.7	0.0	0.0	0.0	5.8
15	17.4	31.7	25.8	50.3	0.0	0.0	0.0	7.1
16	18.2	32.0	25.2	46.3	0.0	0.0	0.0	7.6
17	15.4	31.9	24.4	46.0	0.0	0.0	0.0	9.9
18	15.6	30.4	23.0	60.3	0.0	0.0	0.0	7.2
19	15.1	28.1	21.8	70.7	0.0	0.0	0.0	3.5
20	17.4	31.1	23.7	65.3	0.0	0.0	0.0	8.0
21	15.4	33.1	24.3	62.0	0.0	0.0	0.0	9.0
22	16.7	31.2	23.9	66.7	0.0	0.0	0.0	8.6
23	17.5	31.5	23.9	66.3	0.0	0.0	0.0	5.5
24	14.9	31.9	22.4	73.0	0.0	0.0	0.0	9.1
25	16.3	31.1	22.1	77.7	3.0	0.0	3.0	1.1
26	17.0	27.1	21.4	76.0	0.0	2.0	2.0	.4
27	17.8	26.5	20.6	83.3	.8	0.0	.8	1.7
28	15.7	27.9	21.8	72.7	0.0	28.5	28.5	4.9
29	16.4	23.6	20.0	81.7	4.0	0.0	4.0	0.0
30	14.5	28.8	21.4	72.0	0.0	0.0	0.0	6.0
31	17.0	29.2	23.2	68.7	0.0	0.0	0.0	6.0
Total :					7.8	30.5	38.3	194.3
Promedio :	16.0	29.9	22.9	66.4				

Estación : EL AGRADO
Año : 2002

Dpto. : QUINDIO
Mpio. : MONTENEGRO

Latitud : 4 ° 31 ' N
Longitud : 75 ° 47 ' W
Altitud : 1250 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	27.9	20.1	78.3	21.2	1.9	23.1	3.0
2	16.5	28.1	21.6	75.7	0.0	0.0	0.0	5.2
3	17.3	30.4	23.0	73.0	0.0	.5	.5	7.6
4	17.0	31.0	21.9	74.3	.5	17.9	18.4	10.1
5	15.4	29.2	22.3	73.0	0.0	0.0	0.0	7.0
6	15.1	30.4	21.8	73.7	.3	0.0	.3	8.5
7	16.5	30.9	21.6	75.3	0.0	0.0	0.0	6.9
8	14.0	31.5	23.6	62.0	0.0	0.0	0.0	10.1
9	15.2	27.6	21.8	74.7	0.0	0.0	0.0	5.5
10	15.7	28.3	20.8	80.7	5.5	.3	5.8	4.4
11	16.5	30.1	19.8	79.3	20.6	0.0	20.6	6.8
12	14.5	30.3	20.4	74.3	6.5	0.0	6.5	9.5
13	15.0	30.0	22.1	74.3	0.0	0.0	0.0	7.4
14	16.5	27.1	22.0	76.3	0.0	0.0	0.0	3.1
15	18.5	29.8	23.1	68.7	0.0	6.9	6.9	5.8
16	16.7	28.6	21.6	76.7	0.0	0.0	0.0	4.6
17	15.5	27.7	22.1	72.3	0.0	0.0	0.0	1.6
18	17.5	25.1	21.2	78.0	15.1	.3	15.4	.8
19	17.0	27.3	19.8	80.0	.8	0.0	.8	3.2
20	16.0	28.6	22.9	72.7	0.0	0.0	0.0	5.5
21	18.0	30.8	21.4	77.7	.6	0.0	.6	8.7
22	15.2	30.3	21.9	72.3	0.0	0.0	0.0	7.3
23	16.2	30.2	21.0	72.3	2.5	1.0	3.5	4.9
24	14.4	28.2	19.5	81.3	13.0	4.0	17.0	5.2
25	16.5	27.6	20.6	82.7	3.3	39.1	42.4	4.6
26	16.0	24.7	18.4	84.0	2.6	.4	3.0	1.5
27	17.0	29.4	20.1	79.3	1.0	32.6	33.6	7.0
28	16.4	26.8	20.2	76.3	0.0	.1	.1	3.6
29	14.1	28.5	22.2	71.0	0.0	0.0	0.0	6.8
30	15.7	29.5	22.7	69.0	0.0	0.0	0.0	7.6
31								
Total :					93.5	105.0	198.5	173.8
Promedio :	16.1	28.9	21.4	75.3				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	30.1	23.4	64.3	0.0	0.0	0.0	8.6
2	16.6	30.2	22.3	72.7	0.0	0.0	0.0	9.9
3	16.0	30.7	22.3	73.3	0.0	0.0	0.0	7.5
4	14.6	30.4	22.0	79.3	1.0	0.0	1.0	8.7
5	16.0	29.0	22.3	74.0	0.0	0.0	0.0	6.6
6	15.0	29.4	20.9	78.7	6.0	5.8	11.8	5.7
7	17.6	28.5	20.3	82.3	9.9	0.0	9.9	2.7
8	16.5	29.0	21.3	78.3	3.1	0.0	3.1	7.4
9	15.2	28.9	22.2	73.7	0.0	0.0	0.0	8.1
10	16.7	30.4	23.2	74.0	0.0	23.3	23.3	8.1
11	15.9	27.2	20.2	80.3	1.0	0.0	1.0	5.3
12	15.0	28.7	21.8	74.3	0.0	0.0	0.0	8.6
13	17.5	29.3	22.6	76.0	0.0	0.0	0.0	9.1
14	15.8	30.5	22.8	70.3	0.0	.2	.2	8.6
15	16.6	26.9	20.8	81.7	0.0	.3	.3	3.2
16	17.0	28.7	22.4	74.3	0.0	1.1	1.1	6.6
17	17.3	26.3	20.3	84.0	.4	4.9	5.3	2.2
18	16.5	25.6	21.0	77.0	5.0	0.0	5.0	4.2
19	15.8	29.5	20.8	77.0	11.9	.3	12.2	6.8
20	14.9	27.5	19.8	81.0	16.8	.3	17.1	4.2
21	16.4	28.2	21.8	77.0	0.0	7.5	7.5	5.8
22	16.7	23.4	19.0	86.7	10.3	0.0	10.3	.9
23	15.0	28.0	19.2	81.3	16.1	14.9	31.0	5.0
24	16.5	27.8	21.1	78.7	.5	3.5	4.0	5.3
25	15.7	28.4	21.0	77.7	0.0	16.0	16.0	7.0
26	16.5	25.3	20.0	86.0	.3	47.0	47.3	1.4
27	16.1	24.9	19.8	84.7	.2	0.0	.2	3.8
28	14.5	27.5	20.7	73.0	.4	0.0	.4	7.8
29	16.5	27.9	19.8	79.0	2.2	12.7	14.9	4.4
30	16.0	24.4	19.2	82.0	0.0	0.0	0.0	3.2
31	16.2	27.6	22.2	73.0	0.0	24.9	24.9	6.1
Total :					85.1	162.7	247.8	182.8
Promedio :	16.1	28.1	21.2	77.6				

Estación : EL AGRADO
Año : 2002

Dpto. : QUINDIO
Mpio. : MONTENEGRO

Latitud : 4 ° 31 ' N
Longitud : 75 ° 47 ' W
Altitud : 1250 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	26.5	20.4	80.3	9.0	37.0	46.0	4.2
2	16.5	25.6	19.5	81.0	20.1	9.1	29.2	1.2
3	16.8	23.0	18.5	84.0	1.8	0.0	1.8	0.0
4	12.5	28.3	20.2	75.3	0.0	24.5	24.5	6.8
5	15.2	27.7	20.7	75.7	2.5	23.4	25.9	7.3
6	16.4	26.0	20.2	77.0	0.0	.5	.5	4.1
7	17.4	24.2	20.5	82.7	0.0	26.4	26.4	1.0
8	16.2	26.1	19.4	79.3	3.1	0.0	3.1	2.3
9	14.0	27.8	20.7	73.0	0.0	.6	.6	2.6
10	16.2	27.3	21.1	74.7	0.0	0.0	0.0	6.0
11	15.0	28.0	20.6	78.7	1.8	0.0	1.8	4.6
12	16.0	27.8	19.8	80.3	2.5	0.0	2.5	3.4
13	15.7	25.0	20.4	80.0	0.0	42.0	42.0	1.9
14	16.2	25.3	20.4	82.3	0.0	0.0	0.0	2.8
15	16.5	28.5	22.0	76.7	.8	0.0	.8	4.5
16	15.4	30.0	22.2	79.3	0.0	0.0	0.0	5.4
17	17.3	27.6	20.7	80.3	4.8	8.2	13.0	2.6
18	16.0	27.3	20.8	77.0	.5	0.0	.5	7.2
19	17.1	26.7	20.9	78.7	0.0	0.0	0.0	2.7
20	14.5	29.1	22.2	76.0	0.0	0.0	0.0	8.8
21	15.6	28.5	21.8	78.7	0.0	0.0	0.0	5.4
22	16.6	29.5	22.4	75.7	0.0	0.0	0.0	6.1
23	16.2	28.7	22.6	71.7	0.0	0.0	0.0	9.2
24	15.6	28.7	22.4	75.0	.6	0.0	.6	6.5
25	15.5	29.2	21.9	76.7	0.0	0.0	0.0	7.2
26	15.4	29.8	22.5	74.7	0.0	0.0	0.0	8.6
27	15.6	30.5	22.9	74.3	0.0	0.0	0.0	9.0
28	17.0	30.8	22.0	78.0	8.0	0.0	8.0	6.4
29	18.0	26.5	21.3	79.3	0.0	0.0	0.0	1.6
30	15.0	29.9	22.5	74.0	0.0	0.0	0.0	8.6
31								
Total :					55.5	171.7	227.2	148.0
Promedio :	15.9	27.7	21.1	77.7				

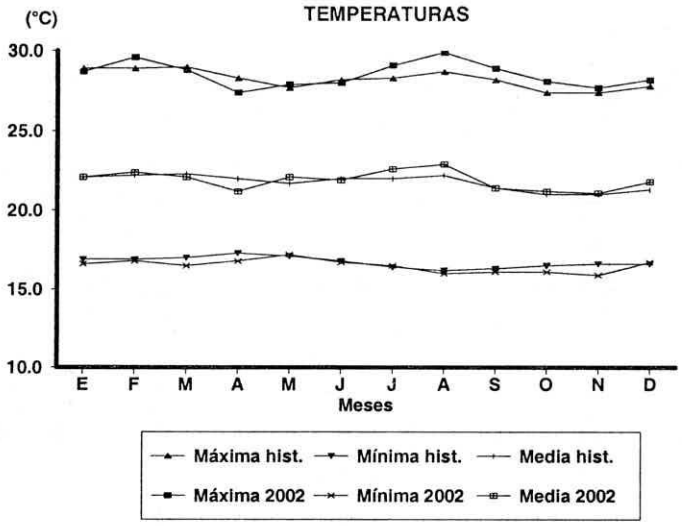
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.7	29.9	23.1	73.0	0.0	0.0	0.0	7.6
2	17.6	30.7	23.4	70.7	0.0	0.0	0.0	8.0
3	17.0	29.3	22.0	80.3	0.0	0.0	0.0	3.9
4	15.0	29.0	21.8	76.0	0.0	0.0	0.0	4.1
5	16.0	28.7	21.1	78.0	0.0	4.5	4.5	4.5
6	18.0	28.5	22.9	72.3	0.0	0.0	0.0	5.3
7	16.5	27.9	21.9	75.3	0.0	0.0	0.0	3.0
8	17.6	27.3	20.6	83.0	0.0	.3	.3	1.8
9	17.5	29.1	22.1	74.0	0.0	0.0	0.0	7.1
10	16.4	29.9	22.5	72.0	0.0	0.0	0.0	8.0
11	18.4	30.3	23.7	71.7	0.0	0.0	0.0	3.7
12	17.7	29.8	23.1	70.7	0.0	0.0	0.0	7.2
13	18.3	29.6	24.0	71.7	0.0	.2	.2	6.7
14	19.0	26.0	21.9	81.7	1.0	14.2	15.2	.7
15	17.2	20.8	19.1	95.0	5.0	7.0	12.0	0.0
16	16.5	24.3	20.1	83.3	.4	2.2	2.6	1.8
17	17.4	22.9	19.4	86.3	.7	1.0	1.7	0.0
18	17.0	25.0	20.2	80.3	0.0	0.0	0.0	.8
19	16.0	30.1	21.2	81.0	1.2	0.0	1.2	6.4
20	15.8	26.5	20.1	83.3	14.0	0.0	14.0	3.6
21	17.2	27.0	21.3	80.7	0.0	0.0	0.0	6.4
22	16.0	29.4	22.9	71.3	0.0	0.0	0.0	8.0
23	15.7	28.8	21.8	74.0	0.0	0.0	0.0	6.6
24	15.4	27.8	20.5	80.0	0.0	0.0	0.0	4.3
25	15.2	30.1	22.1	76.7	.5	.3	.8	5.5
26	15.8	29.9	22.8	71.3	0.0	0.0	0.0	8.0
27	16.7	28.3	20.7	82.3	0.0	0.0	0.0	4.6
28	16.0	29.0	21.6	74.7	0.0	0.0	0.0	3.5
29	16.4	29.2	20.8	80.7	34.6	.5	35.1	6.4
30	16.0	29.7	22.8	71.0	0.0	0.0	0.0	4.0
31	16.8	29.5	22.9	71.3	0.0	0.0		5.0
Total :					57.4	30.2	87.6	146.5
Promedio :	16.7	28.2	21.8	77.2				

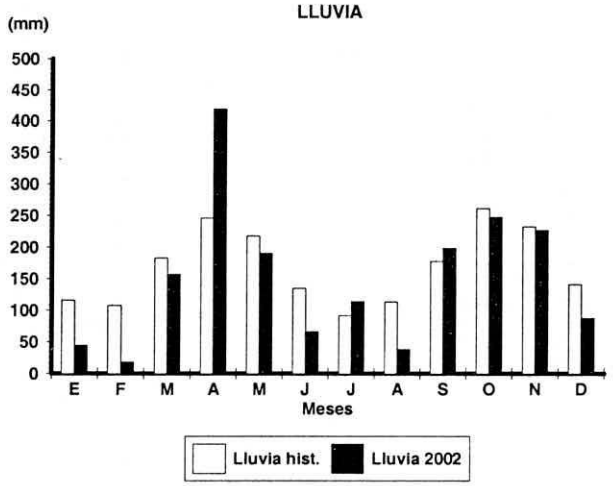
Estación : EL AGRADO
Año : 2002

Dpto. : QUINDIO
Mpio. : MONTENEGRO

Latitud : 4 ° 31 ' N
Longitud : 75 ° 47 ' W
Altitud : 1250 m

MES	TEMPERATURA °C					PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.6	28.7	22.1	30.8	15.0	76.0	44.9	9	186.6
Febrero	16.8	29.6	22.4	31.8	14.4	73.2	18.3	5	148.5
Marzo	16.5	28.8	22.1	31.8	14.3	73.9	157.2	15	154.9
Abril	16.8	27.4	21.2	30.9	14.6	79.3	419.3	27	132.6
Mayo	17.2	27.9	22.1	31.6	14.5	77.4	190.6	13	130.8
Junio	16.7	28.0	21.9	32.9	15.5	76.0	66.3	11	155.4
Julio	16.5	29.1	22.6	32.3	12.8	71.3	114.3	10	198.5
Agosto	16.0	29.9	22.9	33.1	13.8	66.4	38.3	5	194.3
Septiembre	16.1	28.9	21.4	31.5	14.0	75.3	198.5	17	173.8
Octubre	16.1	28.1	21.2	30.7	14.5	77.6	247.8	23	182.8
Noviembre	15.9	27.7	21.1	30.8	12.5	77.7	227.2	17	148.0
Diciembre	16.7	28.2	21.8	30.7	15.0	77.2	87.6	11	146.5
Promedio :	16.5	28.5	21.9			75.1			
Absoluta :				33.1	12.5				
Total :							1810.3	163	1952.7





Estación : LA BELLA
Año : 2002

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.5	19.8	71.7	1.6	0.0	1.6	4.1
2	16.6	27.6	21.7	64.0	0.0	.2	.2	6.8
3	17.5	26.0	20.8	66.7	.3	0.0	.3	3.4
4	15.5	27.1	21.9	61.0	0.0	0.0	0.0	8.3
5	16.0	26.8	21.6	65.0	0.0	0.0	0.0	5.6
6	15.5	27.5	22.8	60.0	0.0	28.0	28.0	7.3
7	17.5	25.5	19.2	87.0	16.8	2.3	19.1	2.0
8	15.5	26.0	20.2	70.3	0.0	0.0	0.0	5.0
9	17.5	25.8	21.0	69.0	0.0	.2	.2	4.7
10	15.5	26.5	20.7	66.7	0.0	0.0	0.0	6.0
11	16.5	27.0	22.2	65.3	0.0	0.0	0.0	6.6
12	15.5	26.0	21.8	64.0	0.0	27.2	27.2	3.8
13	17.2	23.5	19.5	82.7	1.5	0.0	1.5	.6
14	16.2	24.8	19.7	73.3	0.0	0.0	0.0	2.7
15	15.5	28.0	21.6	63.0	0.0	0.0	0.0	7.0
16	16.5	27.5	20.5	70.0	.3	0.0	.3	6.0
17	15.6	26.8	20.0	68.3	0.0	0.0	0.0	6.1
18	15.4	27.5	20.7	63.0	0.0	0.0	0.0	5.6
19	15.6	27.7	21.8	67.7	0.0	0.0	0.0	5.3
20	16.6	26.6	19.9	74.7	.3	0.0	.3	4.2
21	15.5	26.2	21.1	65.7	0.0	0.0	0.0	7.7
22	16.5	27.2	21.9	65.3	0.0	0.0	0.0	7.2
23	16.0	28.0	22.2	61.0	0.0	0.0	0.0	6.9
24	17.0	24.5	21.5	73.0	0.0	0.0	0.0	1.8
25	17.2	26.0	22.0	70.7	0.0	0.0	0.0	6.0
26	17.0	26.5	22.7	66.7	0.0	0.0	0.0	7.6
27	17.2	30.0	23.6	56.7	0.0	0.0	0.0	0.0
28	16.5	29.5	23.4	56.7	0.0	0.0	0.0	4.0
29	16.6	29.0	21.6	67.0	1.8	0.0	1.8	7.6
30	17.6	25.5	21.7	75.3	0.0	0.0	0.0	2.0
31	17.2	23.4	21.0	76.3	0.0	0.0	0.0	.4
Total :					22.6	57.9	80.5	152.3
Promedio :	16.4	26.7	21.3	68.0				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	28.0	22.0	66.3	0.0	0.0	0.0	6.3
2	17.0	28.5	22.6	65.7	0.0	0.0	0.0	5.1
3	17.2	25.0	19.0	85.3	.6	0.0	.6	1.1
4	16.0	23.0	20.2	75.0	0.0	0.0	0.0	.8
5	16.5	28.5	22.5	55.7	0.0	0.0	0.0	6.9
6	16.0	28.4	22.3	57.3	0.0	0.0	0.0	6.8
7	15.8	27.0	22.0	56.7	0.0	.7	.7	7.1
8	17.2	26.0	21.5	62.0	0.0	0.0	0.0	3.8
9	17.0	25.5	20.8	71.3	0.0	0.0	0.0	4.9
10	15.4	27.5	22.0	59.3	0.0	0.0	0.0	.4
11	17.0	26.0	21.3	70.3	.5	0.0	.5	2.7
12	16.5	26.6	20.4	74.0	0.0	0.0	0.0	3.1
13	16.4	27.0	21.4	66.7	0.0	0.0	0.0	1.7
14	16.2	28.0	20.5	68.0	0.0	0.0	0.0	6.0
15	15.2	26.5	21.9	64.3	0.0	0.0	0.0	5.1
16	17.5	28.5	23.1	61.0	0.0	0.0	0.0	5.4
17	17.0	28.8	22.3	64.0	0.0	0.0	0.0	6.2
18	18.0	28.0	22.7	62.3	0.0	0.0	0.0	5.0
19	18.5	26.4	22.5	68.0	0.0	0.0	0.0	2.4
20	16.6	28.0	22.4	60.7	0.0	0.0	0.0	5.2
21	17.5	28.4	22.5	63.7	.2	0.0	.2	5.0
22	18.1	25.5	21.6	70.3	0.0	0.0	0.0	1.0
23	18.0	25.0	22.2	70.0	0.0	0.0	0.0	2.7
24	16.2	29.8	24.3	54.3	0.0	0.0	0.0	4.8
25	16.5	29.4	23.4	60.7	0.0	0.0	0.0	6.1
26	17.6	27.5	21.1	70.3	0.0	0.0	0.0	3.3
27	18.0	25.8	21.3	75.7	4.9	.6	5.5	.8
28	17.8	26.6	22.4	66.3	0.0	0.0	0.0	3.1
29								
30								
31								
Total :					6.2	1.3	7.5	112.8
Promedio :	17.0	27.1	21.9	65.9				

Estación : LA BELLA
Año : 2002

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	29.5	24.2	54.7	0.0	0.0	0.0	9.0
2	17.0	29.5	21.5	71.3	0.0	0.0	0.0	6.9
3	17.1	28.2	23.2	60.3	0.0	0.0	0.0	5.1
4	18.4	27.0	20.8	71.3	3.2	13.5	16.7	3.4
5	16.5	25.4	20.1	72.7	.6	0.0	.6	2.9
6	16.2	27.0	21.2	66.7	0.0	0.0	0.0	2.5
7	16.6	28.5	21.4	61.3	0.0	0.0	0.0	3.6
8	17.0	28.0	21.8	63.7	0.0	0.0	0.0	5.2
9	16.2	28.5	23.4	60.7	3.9	0.0	3.9	8.3
10	16.0	29.0	23.0	59.0	0.0	0.0	0.0	6.2
11	16.2	25.0	20.6	69.7	0.0	.4	.4	1.4
12	18.2	24.5	21.1	71.7	.4	0.0	.4	.7
13	17.5	26.6	22.0	64.0	0.0	3.5	3.5	1.4
14	17.0	25.5	19.8	76.3	2.7	0.0	2.7	2.7
15	15.4	25.0	20.6	72.3	0.0	0.0	0.0	1.7
16	16.0	28.0	22.0	65.0	0.0	29.7	29.7	4.4
17	17.0	23.5	20.1	80.3	0.0	0.0	0.0	1.3
18	16.2	27.0	20.6	67.3	.5	5.2	5.7	2.3
19	17.0	21.5	18.8	83.0	8.1	.1	8.2	1.2
20	16.3	26.0	21.6	64.3	0.0	5.9	5.9	1.0
21	16.4	23.2	19.5	83.3	7.9	0.0	7.9	1.0
22	17.3	25.5	20.5	72.7	.5	0.0	.5	2.3
23	16.0	25.6	20.7	74.3	0.0	0.0	0.0	1.5
24	16.5	27.5	22.0	70.3	3.6	5.4	9.0	3.8
25	17.5	25.5	21.4	73.0	0.0	0.0	0.0	4.8
26	16.5	28.0	20.8	73.0	3.0	0.0	3.0	5.2
27	17.0	26.6	20.2	71.3	22.2	0.0	22.2	3.2
28	16.0	25.0	20.0	73.3	12.7	0.0	12.7	4.3
29	17.0	26.1	20.2	73.7	3.7	0.0	3.7	6.8
30	15.0	28.6	22.6	59.3	0.0	0.0	0.0	.1
31	17.0	28.4	23.7	62.3	0.0	0.0	0.0	9.1
Total :					73.0	63.7	136.7	113.3
Promedio :	16.7	26.6	21.3	69.1				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	28.0	21.8	72.3	7.5	0.0	7.5	4.7
2	17.5	22.4	19.0	87.0	1.0	0.0	1.0	0.0
3	15.8	26.0	21.6	69.0	0.0	0.0	0.0	3.4
4	17.0	26.5	20.4	75.7	3.1	.1	3.2	4.1
5	16.0	25.5	19.9	73.3	44.6	.1	44.7	5.1
6	15.0	27.5	20.2	71.3	.8	52.0	52.8	6.1
7	16.5	22.4	19.5	81.3	0.0	0.0	0.0	2.1
8	16.5	24.5	20.0	72.3	.3	37.2	37.5	2.6
9	15.5	24.0	20.3	67.3	0.0	2.9	2.9	.6
10	16.5	25.4	18.6	79.3	45.0	2.0	47.0	4.0
11	16.5	27.0	21.8	61.3	0.0	0.0	0.0	7.4
12	17.2	26.5	21.0	64.7	0.0	9.2	9.2	5.1
13	17.0	26.6	20.9	65.3	0.0	0.0	0.0	5.4
14	16.0	25.8	21.8	60.7	0.0	0.0	0.0	4.4
15	15.5	27.0	21.5	65.7	0.0	0.0	0.0	9.2
16	17.5	26.4	21.0	72.7	2.5	0.0	2.5	3.0
17	16.3	26.0	21.2	69.0	0.0	0.0	0.0	1.3
18	17.5	23.4	19.3	81.0	14.5	0.0	14.5	.1
19	15.0	25.5	21.2	68.7	0.0	5.6	5.6	5.9
20	17.5	25.2	21.1	73.3	0.0	0.0	0.0	6.6
21	18.0	25.0	21.7	73.7	0.0	0.0	0.0	1.7
22	18.0	26.0	22.2	69.0	0.0	0.0	0.0	4.1
23	18.4	26.5	22.0	69.0	.3	6.9	7.2	4.3
24	17.2	23.8	20.4	80.7	1.8	46.4	48.2	.4
25	16.4	20.6	18.6	85.3	3.4	6.4	9.8	0.0
26	16.6	22.8	19.2	82.3	1.6	17.4	19.0	.1
27	17.0	23.0	19.2	79.7	1.1	.2	1.3	1.2
28	15.5	26.6	20.1	73.0	6.2	4.7	10.9	4.9
29	15.5	25.2	19.9	70.3	0.0	0.0	0.0	6.1
30	17.5	23.0	20.4	72.0	2.4	0.0	2.4	.4
31								
Total :					136.1	191.1	327.2	104.3
Promedio :	16.7	25.1	20.5	72.9				

Estación : LA BELLA
Año : 2002

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	25.0	21.4	68.3	0.0	0.0	0.0	2.7
2	17.0	26.3	22.4	68.7	0.0	0.0	0.0	3.7
3	18.5	25.5	21.5	69.3	0.0	0.0	0.0	3.0
4	16.5	28.2	22.1	68.0	0.0	0.0	0.0	8.0
5	16.8	28.5	24.0	61.7	0.0	0.0	0.0	3.0
6	17.5	27.5	22.0	68.0	0.0	0.0	0.0	7.6
7	17.4	28.4	23.4	64.3	0.0	0.0	0.0	4.2
8	18.5	25.5	22.4	74.3	.2	0.0	.2	.8
9	17.5	28.8	22.2	72.3	10.5	0.0	10.5	6.8
10	17.0	27.2	23.2	64.3	0.0	0.0	0.0	5.8
11	19.0	25.0	22.4	75.7	0.0	0.0	0.0	8.1
12	17.2	28.5	23.6	56.7	0.0	0.0	0.0	1.1
13	18.6	28.4	22.3	72.0	0.0	0.0	0.0	0.0
14	18.0	26.0	22.2	73.3	0.0	0.0	0.0	3.5
15	18.8	27.8	23.0	68.7	0.0	0.0	0.0	2.8
16	19.5	26.6	23.0	72.7	0.0	.9	.9	1.8
17	19.2	23.5	21.2	80.7	0.0	1.2	1.2	6.0
18	17.0	26.5	21.2	77.7	11.3	1.5	12.8	3.4
19	17.5	24.0	21.0	68.7	0.0	0.0	0.0	.7
20	18.0	26.8	21.6	73.0	0.0	29.3	29.3	3.8
21	16.6	23.8	20.5	76.3	0.0	0.0	0.0	1.0
22	18.2	24.4	21.0	73.0	2.0	0.0	2.0	1.1
23	15.8	26.2	20.6	70.7	0.0	2.3	2.3	4.0
24	16.0	25.8	21.4	67.0	2.7	0.0	2.7	.2
25	14.8	19.5	17.2	85.3	42.5	3.0	45.5	0.0
26	13.8	24.3	19.4	63.7	0.0	0.0	0.0	5.4
27	16.5	25.0	20.3	71.7	.3	52.0	52.3	2.9
28	14.6	22.5	18.2	72.7	1.0	0.0	1.0	2.5
29	15.0	27.2	21.2	52.0	0.0	3.0	3.0	5.1
30	16.6	25.2	21.0	68.7	0.0	0.0	0.0	2.5
31	16.2	20.6	18.6	84.0	3.5	0.0	3.5	.1
Total :					74.0	93.2	167.2	101.6
Promedio :	17.1	25.8	21.5	70.4				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	24.2	20.2	73.7	0.0	3.2	3.2	2.2
2	17.0	24.8	21.7	72.0	1.5	.2	1.7	3.1
3	17.5	23.8	19.2	87.0	7.3	0.0	7.3	2.1
4	16.0	21.0	18.6	83.7	1.4	0.0	1.4	.1
5	16.2	22.6	18.9	77.7	53.5	10.9	64.4	.7
6	15.2	24.0	18.8	72.3	3.1	6.7	9.8	2.6
7	15.6	23.0	18.9	75.7	.3	0.0	.3	9.4
8	15.2	26.0	20.6	67.0	0.0	0.0	0.0	2.4
9	15.6	23.8	19.5	72.0	0.0	0.0	0.0	0.0
10	15.5	25.2	20.4	69.0	0.0	1.0	1.0	0.0
11	17.5	25.5	20.3	75.3	1.3	.5	1.8	3.6
12	16.8	26.6	22.0	60.3	.1	0.0	.1	7.5
13	17.7	24.0	20.4	74.0	0.0	0.0	0.0	2.0
14	16.4	25.4	20.8	72.7	0.0	.5	.5	5.4
15	17.0	24.4	20.8	74.0	0.0	0.0	0.0	4.0
16	16.6	26.6	22.8	62.0	0.0	0.0	0.0	0.0
17	17.5	24.2	21.2	72.3	0.0	0.0	0.0	1.3
18	16.0	24.4	20.8	72.7	0.0	0.0	0.0	2.7
19	16.5	29.5	23.4	56.0	0.0	0.0	0.0	9.7
20	18.0	27.5	23.4	69.0	0.0	0.0	0.0	3.3
21	16.0	28.0	22.8	63.0	0.0	0.0	0.0	5.3
22	17.2	26.5	23.1	58.3	0.0	0.0	0.0	6.0
23	17.5	28.0	23.4	48.3	0.0	0.0	0.0	5.2
24	17.6	25.8	21.6	65.3	.3	0.0	.3	3.2
25	16.8	26.0	22.2	53.0	0.0	0.0	0.0	1.8
26	16.5	25.5	22.1	61.7	0.0	0.0	0.0	4.5
27	17.5	26.5	23.2	68.0	0.0	0.0	0.0	3.6
28	18.5	26.8	22.2	68.3	0.0	0.0	0.0	3.5
29	17.5	26.6	21.6	75.0	0.0	0.0	0.0	8.9
30	17.4	30.0	24.3	53.0	0.0	0.0	0.0	4.8
31								
Total :					68.8	23.0	91.8	108.9
Promedio :	16.7	25.5	21.3	68.4				

Estación : LA BELLA
Año : 2002

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.8	23.2	58.0	0.0	0.0	0.0	7.6
2	17.2	27.5	22.7	61.3	0.0	0.0	0.0	6.0
3	16.5	28.5	23.6	56.7	0.0	0.0	0.0	4.6
4	18.8	28.4	23.6	58.7	0.0	12.8	12.8	6.7
5	17.5	21.5	19.3	89.3	1.6	9.3	10.9	0.0
6	16.6	26.0	20.4	73.0	0.0	0.0	0.0	2.9
7	16.5	27.5	23.2	58.3	0.0	0.0	0.0	6.8
8	16.6	28.0	23.2	58.7	0.0	0.0	0.0	3.8
9	17.0	27.2	23.0	62.3	0.0	0.0	0.0	5.8
10	17.5	25.5	21.6	75.3	0.0	0.0	0.0	.6
11	15.7	25.6	21.6	67.0	0.0	0.0	0.0	3.7
12	16.6	27.5	23.8	53.3	0.0	0.0	0.0	6.1
13	16.8	30.5	23.6	49.3	0.0	0.0	0.0	10.3
14	16.0	27.5	22.6	63.0	0.0	0.0	0.0	5.7
15	17.2	26.5	21.2	69.3	0.0	0.0	0.0	2.6
16	18.0	26.2	22.0	68.0	0.0	0.0	0.0	2.8
17	18.5	25.6	22.4	69.7	0.0	3.8	3.8	2.5
18	17.4	25.5	21.4	71.7	0.0	0.0	0.0	3.2
19	17.0	25.4	21.8	70.0	0.0	0.0	0.0	3.2
20	16.8	25.0	19.2	75.7	10.0	0.0	10.0	2.0
21	16.5	26.0	20.8	72.7	.3	0.0	.3	3.0
22	16.6	26.5	22.1	64.3	0.0	0.0	0.0	6.9
23	16.8	25.8	21.4	65.0	.5	0.0	.5	5.0
24	16.5	26.5	21.4	66.7	0.0	0.0	0.0	3.9
25	18.0	26.2	22.1	64.7	0.0	0.0	0.0	2.0
26	14.4	30.2	23.0	46.3	0.0	0.0	0.0	10.1
27	15.8	27.0	22.6	60.3	0.0	0.0	0.0	8.7
28	15.6	28.4	22.3	58.0	0.0	0.0	0.0	2.5
29	17.5	28.0	23.1	53.0	0.0	0.0	0.0	2.4
30	16.2	29.0	22.7	49.3	0.0	0.0	0.0	8.2
31	16.9	24.8	20.4	66.3	.2	0.0	.2	2.0
Total :					12.6	25.9	38.5	141.6
Promedio :	16.8	26.8	22.1	63.7				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	29.0	22.5	59.3	0.0	0.0	0.0	8.0
2	15.0	28.6	22.2	60.7	0.0	0.0	0.0	9.5
3	15.5	28.2	22.7	60.0	0.0	0.0	0.0	6.1
4	15.0	27.5	22.6	60.7	0.0	0.0	0.0	5.3
5	16.8	29.4	23.4	53.0	0.0	0.0	0.0	10.1
6	14.5	26.6	22.1	63.0	0.0	0.0	0.0	6.1
7	16.0	27.5	22.8	58.0	0.0	0.0	0.0	2.9
8	16.4	26.8	21.8	62.7	0.0	0.0	0.0	2.4
9	17.0	27.2	22.0	64.0	.2	0.0	.2	5.5
10	17.5	29.2	23.6	46.0	0.0	0.0	0.0	7.2
11	18.0	27.4	23.2	51.3	0.0	0.0	0.0	6.2
12	16.2	29.5	23.0	52.0	0.0	0.0	0.0	6.0
13	17.0	27.6	24.0	56.0	0.0	0.0	0.0	2.8
14	16.0	30.0	24.2	50.0	0.0	0.0	0.0	6.5
15	17.0	29.2	24.0	47.7	0.0	0.0	0.0	6.7
16	19.2	29.5	24.4	40.7	0.0	0.0	0.0	8.3
17	17.0	30.5	24.2	39.0	0.0	0.0	0.0	9.0
18	17.0	29.5	23.3	52.7	0.0	0.0	0.0	4.3
19	15.5	25.8	21.5	69.7	0.0	0.0	0.0	3.0
20	16.8	30.0	23.2	65.0	0.0	0.0	0.0	6.5
21	16.5	32.0	24.2	54.0	0.0	0.0	0.0	9.6
22	17.5	29.0	23.7	62.7	0.0	0.0	0.0	7.0
23	18.0	28.5	23.6	59.3	0.0	0.0	0.0	6.1
24	16.0	31.2	21.7	70.3	6.6	0.0	6.6	7.4
25	16.8	29.0	22.8	68.0	0.0	0.0	0.0	6.0
26	18.0	26.6	22.1	75.0	14.0	.2	14.2	2.8
27	17.8	24.2	20.3	82.3	1.7	0.0	1.7	1.6
28	16.4	24.5	20.8	74.3	0.0	23.0	23.0	2.5
29	16.2	23.0	19.3	79.0	6.0	0.0	6.0	0.0
30	15.0	26.5	20.8	68.3	.1	.1	.2	5.4
31	17.5	28.0	22.4	64.0	0.0	0.0	0.0	5.6
Total :					28.6	23.3	51.9	176.4
Promedio :	16.6	28.1	22.7	60.3				

Estación : LA BELLA
Año : 2002

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.2	20.2	79.0	10.6	7.3	17.9	1.8
2	17.1	25.3	20.6	74.3	0.0	0.0	0.0	4.0
3	17.8	27.3	22.6	64.7	.2	0.0	.2	6.1
4	17.5	28.8	23.8	62.3	0.0	0.0	0.0	10.5
5	15.8	27.5	22.6	65.3	0.0	0.0	0.0	6.8
6	15.5	28.5	22.2	71.0	0.0	0.0	0.0	6.5
7	16.5	29.2	23.8	54.0	0.0	0.0	0.0	7.7
8	15.5	29.6	23.4	61.0	0.0	0.0	0.0	5.8
9	15.7	26.0	21.7	70.3	0.0	0.0	0.0	4.0
10	16.5	25.5	21.0	70.0	0.0	0.0	0.0	3.9
11	17.0	27.8	20.7	79.0	0.0	0.0	0.0	4.6
12	15.4	28.0	21.5	67.7	0.0	0.0	0.0	7.7
13	15.2	28.2	22.4	69.7	0.0	0.0	0.0	7.9
14	17.0	25.5	22.8	72.7	0.0	0.0	0.0	.1
15	18.5	27.0	22.4	70.7	0.0	0.0	0.0	4.4
16	17.0	26.4	21.4	72.3	0.0	0.0	0.0	4.2
17	16.0	25.2	21.6	71.0	3.0	0.0	3.0	2.5
18	17.5	24.4	20.7	73.3	4.8	2.0	6.8	4.0
19	16.8	26.5	20.2	74.0	.8	0.0	.8	4.3
20	16.5	27.0	23.0	65.0	0.0	0.0	0.0	.5
21	17.5	29.0	22.3	70.0	0.0	0.0	0.0	8.7
22	16.0	28.2	22.0	63.3	0.0	0.0	0.0	3.5
23	16.5	26.8	20.4	74.3	0.0	0.0	0.0	3.9
24	15.6	27.0	20.7	75.7	0.0	0.0	0.0	5.2
25	17.5	25.2	20.6	74.7	0.0	50.0	50.0	1.6
26	16.0	22.8	18.7	89.0	2.0	2.5	4.5	.6
27	16.8	27.5	20.3	78.7	1.8	16.0	17.8	6.0
28	16.0	24.5	20.4	76.0	.2	0.0	.2	2.4
29	15.0	26.5	21.4	68.3	0.0	0.0	0.0	4.1
30	15.5	27.5	21.4	64.3	0.0	0.0	0.0	8.2
31								
Total :					23.4	77.8	101.2	141.5
Promedio :	16.5	26.8	21.6	70.7				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	28.2	22.7	63.3	0.0	0.0	0.0	7.6
2	16.5	28.5	22.9	66.0	0.0	0.0	0.0	8.8
3	16.2	29.0	22.8	67.3	0.0	0.0	0.0	7.9
4	15.5	29.1	22.4	68.3	0.0	0.0	0.0	7.8
5	16.5	27.0	22.8	67.0	0.0	0.0	0.0	6.1
6	16.6	28.0	21.2	77.7	.5	5.4	5.9	3.1
7	17.6	26.5	20.0	83.7	18.8	0.0	18.8	2.0
8	16.5	26.8	21.0	78.3	3.8	0.0	3.8	6.4
9	16.0	28.0	22.1	68.3	.9	0.0	.9	7.2
10	17.0	28.5	22.1	75.7	6.4	17.1	23.5	6.0
11	16.0	25.0	19.2	82.7	12.9	0.0	12.9	3.4
12	15.2	26.6	21.8	74.3	0.0	0.0	0.0	7.7
13	17.6	28.0	22.3	71.0	0.0	0.0	0.0	5.5
14	16.5	28.5	22.1	70.3	0.0	1.2	1.2	5.4
15	16.8	25.5	20.8	80.3	1.0	0.0	1.0	4.5
16	17.0	27.0	21.5	77.7	2.4	.1	2.5	4.3
17	17.5	24.2	20.4	79.7	.4	.1	.5	.8
18	16.5	24.5	20.6	72.0	0.0	0.0	0.0	3.5
19	16.0	26.6	20.8	73.0	0.0	0.0	0.0	4.0
20	15.8	25.0	19.6	79.7	0.0	0.0	0.0	3.8
21	16.0	26.5	21.3	72.7	0.0	.2	.2	3.1
22	17.5	23.2	19.0	90.7	8.1	0.0	8.1	1.4
23	15.5	25.8	19.6	79.7	39.0	30.1	69.1	3.5
24	16.2	25.0	19.6	80.0	.7	.4	1.1	2.7
25	16.0	27.5	21.0	74.3	0.0	0.0	0.0	5.8
26	16.4	23.2	20.0	83.7	2.6	29.3	31.9	1.4
27	16.5	23.2	19.3	87.3	0.0	0.0	0.0	2.5
28	15.9	26.0	20.1	71.3	3.7	.4	4.1	5.7
29	16.5	24.8	19.6	81.7	9.7	51.4	61.1	2.7
30	15.6	24.4	19.2	84.3	0.0	2.7	2.7	2.1
31	15.5	26.9	21.0	71.3	0.0	24.3	24.3	6.6
Total :					110.9	162.7	273.6	143.3
Promedio :	16.3	26.4	20.9	75.9				

Estación : LA BELLA
Año : 2002

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4 ° 30 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	24.5	20.2	81.3	.5	1.9	2.4	3.6
2	17.1	24.4	19.3	84.7	0.0	0.0	0.0	2.3
3	16.0	20.1	18.6	89.7	0.0	0.0	0.0	3.6
4	14.0	25.6	19.6	75.3	0.0	13.2	13.2	6.6
5	15.0	24.6	18.6	73.7	11.4	46.5	57.9	1.2
6	16.0	24.0	19.9	76.7	0.0	.5	.5	3.8
7	17.5	22.5	19.9	80.3	0.0	47.7	47.7	.5
8	16.0	24.5	19.1	82.3	3.4	0.0	3.4	1.6
9	15.5	24.3	20.1	72.7	17.2	.8	18.0	5.1
10	15.7	26.5	20.3	77.7	0.0	0.0	0.0	2.9
11	15.8	26.0	20.5	78.0	0.0	0.0	0.0	5.5
12	16.5	25.8	19.6	76.7	0.0	.2	.2	2.8
13	16.6	23.5	20.0	79.3	0.0	42.1	42.1	4.4
14	16.4	23.4	19.4	85.7	0.0	0.0	0.0	.1
15	15.6	26.5	21.7	70.7	0.0	0.0	0.0	3.0
16	17.0	26.0	21.6	75.7	0.0	0.0	0.0	4.9
17	18.0	25.0	20.8	78.3	0.0	0.0	0.0	1.7
18	16.5	25.5	20.5	75.7	1.0	0.0	1.0	1.0
19	17.0	25.0	20.8	75.0	0.0	0.0	0.0	2.7
20	15.7	27.5	21.8	67.0	0.0	0.0	0.0	5.0
21	16.6	26.0	21.8	73.7	0.0	0.0	0.0	2.4
22	17.0	26.6	21.5	73.0	0.0	0.0	0.0	8.5
23	16.5	27.0	22.0	71.3	0.0	0.0	0.0	2.8
24	16.0	27.2	22.2	70.0	0.0	0.0	0.0	.4
25	16.5	28.0	21.3	71.7	0.0	0.0	0.0	2.2
26	16.4	28.2	22.4	71.3	0.0	0.0	0.0	6.7
27	16.6	28.5	23.0	73.7	0.0	0.0	0.0	6.8
28	18.0	28.1	21.6	74.3	0.0	0.0	0.0	4.7
29	18.2	25.6	20.8	83.3	0.0	0.0	0.0	6.9
30	16.2	27.5	22.0	70.3	0.0	0.0	0.0	3.1
31								
Total :					33.5	152.9	186.4	106.8
Promedio :	16.4	25.6	20.7	76.3				

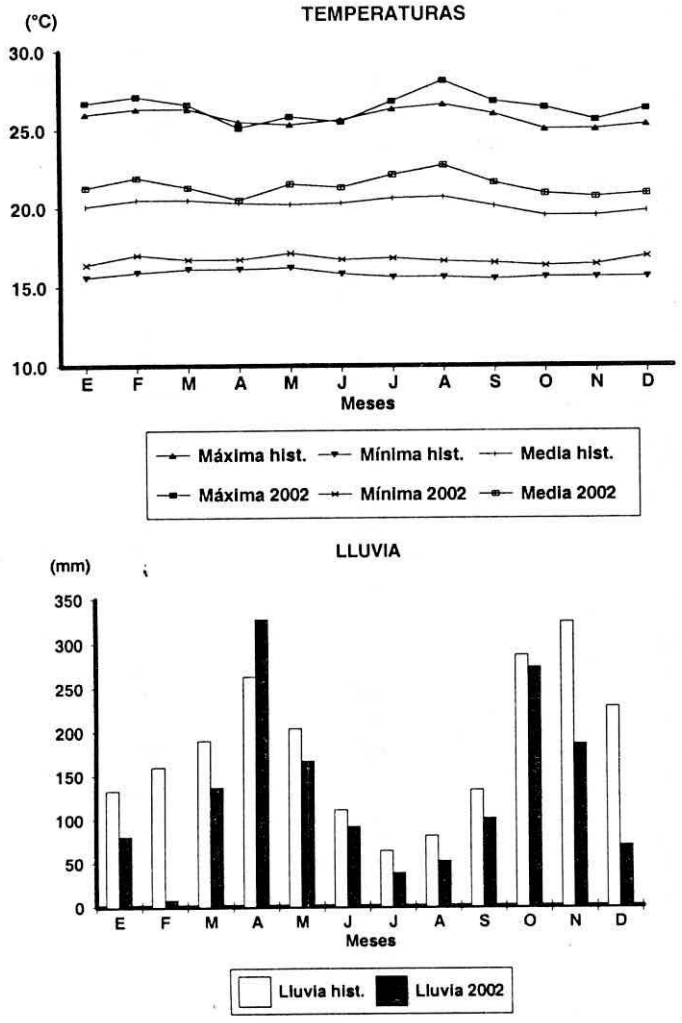
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	28.0	22.1	74.3	0.0	0.0	0.0	3.5
2	17.4	29.2	22.1	73.3	0.0	0.0	0.0	4.1
3	17.2	25.5	21.0	80.3	1.2	0.0	1.2	3.7
4	15.6	26.7	20.9	73.3	0.0	0.0	0.0	3.9
5	16.2	26.8	20.6	79.0	3.0	10.6	13.6	5.8
6	16.9	25.5	21.7	70.3	0.0	0.0	0.0	2.0
7	17.0	25.8	20.9	79.3	0.0	0.0	0.0	1.8
8	18.0	25.5	20.0	83.3	0.0	0.0	0.0	4.2
9	17.5	27.5	22.0	70.0	0.0	0.0	0.0	1.8
10	17.3	27.7	21.4	76.0	.7	.8	1.5	5.3
11	18.5	26.0	21.9	76.3	0.0	0.0	0.0	1.9
12	17.0	28.3	22.0	74.0	.5	0.0	.5	7.9
13	17.5	28.0	22.8	67.3	0.0	0.0	0.0	5.3
14	18.8	24.3	21.1	84.3	0.0	25.9	25.9	.1
15	17.3	20.5	18.0	92.7	18.3	1.7	20.0	0.0
16	16.8	24.6	19.3	80.0	.2	.3	.5	2.5
17	17.0	20.5	18.2	95.0	1.0	.3	1.3	0.0
18	16.7	22.6	19.6	83.3	0.0	.2	.2	1.2
19	17.0	26.8	20.7	77.7	2.5	0.0	2.5	5.7
20	16.2	26.3	18.2	94.7	2.6	0.0	2.6	6.2
21	16.4	25.7	20.8	78.0	0.0	0.0	0.0	4.9
22	16.5	27.8	21.9	66.0	0.0	0.0	0.0	5.2
23	16.4	27.4	21.1	69.7	0.0	0.0	0.0	5.9
24	16.0	26.8	21.0	74.0	0.0	0.0	0.0	6.5
25	15.9	27.5	20.2	78.3	.5	0.0	.5	5.7
26	16.4	27.4	21.8	71.7	0.0	0.0	0.0	5.2
27	16.9	26.3	21.0	76.0	0.0	0.0	0.0	5.3
28	16.3	28.0	21.0	73.3	0.0	0.0	0.0	4.6
29	16.8	27.5	21.1	69.7	0.0	0.0	0.0	5.6
30	16.3	28.0	22.3	70.7	0.0	0.0	0.0	6.1
31	16.5	27.0	22.2	75.3	0.0	0.0	0.0	0.0
Total :					30.5	39.8	70.3	121.9
Promedio :	16.9	26.3	20.9	77.0				

Estación : LA BELLA
Año : 2002

Dpto. : QUINDIO
Mpio. : CALARCA

Latitud : 4° 30 ' N
Longitud : 75° 40 ' W
Altitud : 1450 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.4	26.7	21.3	30.0	15.4	68.0	80.5	11	152.3
Febrero	17.0	27.1	21.9	29.8	15.2	65.9	7.5	5	112.8
Marzo	16.7	26.6	21.3	29.5	15.0	69.1	136.7	18	113.3
Abril	16.7	25.1	20.5	28.0	15.0	72.9	327.2	19	104.3
Mayo	17.1	25.8	21.5	28.8	13.8	70.4	167.2	14	101.6
Junio	16.7	25.5	21.3	30.0	15.2	68.4	91.8	12	108.9
Julio	16.8	26.8	22.1	30.5	14.4	63.7	38.5	7	141.6
Agosto	16.6	28.1	22.7	32.0	14.5	60.3	51.9	7	176.4
Septiembre	16.5	26.8	21.6	29.6	15.0	70.7	101.2	9	141.5
Octubre	16.3	26.4	20.9	29.1	15.2	75.9	273.6	19	143.3
Noviembre	16.4	25.6	20.7	28.5	14.0	76.3	186.4	10	106.8
Diciembre	16.9	26.3	20.9	29.2	15.6	77.0	70.3	12	121.9
Promedio :	16.7	26.4	21.4			69.9			
Absoluta :				32.0	13.8				
Total :							1532.8	143	1524.7



Estación : PARAGUAICITO
Año : 2002

Dpto. : QUINDIO
Mpio. : BUENAVISTA

Latitud : 4 ° 23 ' N
Longitud : 75 ° 44 ' W
Altitud : 1250 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	29.9	23.0	77.7	0.0	0.0	0.0	9.2
2	18.2	29.6	23.4	78.3	0.0	0.0	0.0	9.3
3	17.2	28.4	22.5	80.0	0.0	0.0	0.0	5.2
4	16.4	29.0	21.8	77.7	0.0	0.0	0.0	8.5
5	15.8	28.6	22.0	77.3	0.0	0.0	0.0	7.0
6	15.2	29.6	22.2	77.7	0.0	17.9	17.9	9.0
7	18.4	27.4	20.6	90.7	1.8	15.5	17.3	2.3
8	16.2	28.4	21.2	81.7	0.0	.3	.3	6.4
9	18.0	28.0	22.5	76.7	0.0	0.0	0.0	6.9
10	15.6	29.8	22.0	76.3	0.0	0.0	0.0	7.3
11	17.2	29.2	23.3	72.3	0.0	0.0	0.0	9.1
12	16.4	29.6	22.6	75.3	0.0	.2	.2	6.7
13	18.4	26.0	20.7	85.3	18.4	0.0	18.4	1.4
14	17.6	27.4	21.3	82.3	0.0	0.0	0.0	3.5
15	16.2	29.2	22.2	80.7	0.0	0.0	0.0	8.0
16	16.6	29.8	22.5	81.7	19.7	.4	20.1	8.7
17	16.4	29.6	22.8	73.0	0.0	.2	.2	8.7
18	16.0	29.5	23.0	72.3	0.0	0.0	0.0	7.1
19	16.5	29.2	23.0	74.0	0.0	0.0	0.0	7.3
20	17.2	28.6	20.6	84.0	.5	0.0	.5	6.2
21	15.6	28.2	22.5	75.7	0.0	0.0	0.0	6.1
22	16.0	29.0	22.5	79.3	0.0	0.0	0.0	8.1
23	16.4	29.5	22.4	80.3	0.0	0.0	0.0	7.1
24	16.8	27.2	22.5	80.0	0.0	0.0	0.0	2.8
25	17.4	28.8	23.7	78.7	0.0	0.0	0.0	3.8
26	17.4	28.6	23.4	77.7	0.0	0.0	0.0	6.1
27	18.0	31.8	24.8	71.0	0.0	0.0	0.0	9.0
28	16.4	31.0	23.6	73.0	0.0	0.0	0.0	9.2
29	17.0	32.2	23.7	73.0	0.0	0.0	0.0	8.3
30	18.4	28.6	22.6	84.3	0.0	0.0	0.0	2.7
31	17.4	26.0	21.8	86.0	0.0	0.0	0.0	.7
Total :					40.4	34.5	74.9	201.7
Promedio :	16.9	29.0	22.5	78.5				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	31.0	23.0	77.7	0.0	0.0	0.0	6.7
2	16.8	31.9	24.5	73.7	0.0	0.0	0.0	8.6
3	18.0	27.4	20.4	91.0	1.8	0.0	1.8	1.3
4	16.6	26.6	21.1	86.7	0.0	0.0	0.0	1.2
5	16.8	30.9	23.5	71.0	0.0	0.0	0.0	8.8
6	15.8	30.6	23.0	71.0	0.0	0.0	0.0	8.3
7	15.4	30.2	23.2	67.0	0.0	0.0	0.0	8.3
8	17.0	27.6	22.5	73.7	0.0	13.4	13.4	2.5
9	17.6	27.8	22.0	81.0	0.0	0.0	0.0	4.7
10	16.4	29.8	23.2	74.0	0.0	0.0	0.0	6.1
11	17.2	29.4	22.4	76.7	0.0	.3	.3	4.5
12	16.4	30.4	21.9	80.7	0.0	0.0	0.0	6.6
13	16.8	30.2	22.8	77.0	0.0	0.0	0.0	6.4
14	16.2	30.4	21.8	75.7	0.0	0.0	0.0	7.9
15	14.6	30.0	23.5	70.3	0.0	.6	.6	8.0
16	16.8	30.6	24.3	72.0	0.0	0.0	0.0	7.1
17	17.5	30.6	24.0	71.3	0.0	0.0	0.0	8.1
18	17.6	31.0	24.7	71.3	0.0	0.0	0.0	7.5
19	18.4	29.4	23.3	79.0	0.0	0.0	0.0	3.3
20	16.8	31.8	24.4	71.3	0.0	0.0	0.0	7.2
21	17.4	30.8	23.7	76.7	0.0	0.0	0.0	6.2
22	18.5	27.6	22.5	81.7	0.0	0.0	0.0	1.6
23	18.4	29.2	24.6	73.0	0.0	0.0	0.0	3.4
24	16.0	32.0	24.0	72.0	0.0	0.0	0.0	7.5
25	16.8	31.4	24.3	68.3	0.0	0.0	0.0	6.9
26	17.8	30.4	22.6	78.3	0.0	0.0	0.0	4.3
27	18.4	27.8	22.3	82.3	2.2	0.0	2.2	1.5
28	19.0	29.4	23.2	76.7	0.0	0.0	0.0	1.8
29								
30								
31								
Total :					4.0	14.3	18.3	156.3
Promedio :	17.1	29.9	23.1	75.8				

Estación : PARAGUAICITO
Año : 2002

Dpto. : QUINDIO
Mpio. : BUENAVISTA

Latitud : 4 ° 23 ' N
Longitud : 75 ° 44 ' W
Altitud : 1250 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	31.4	24.2	72.7	0.0	0.0	0.0	7.1
2	16.4	32.0	21.6	79.7	23.7	0.0	23.7	6.7
3	17.3	31.2	23.7	70.0	0.0	.3	.3	7.0
4	18.6	30.8	21.8	82.0	4.8	29.2	34.0	6.3
5	17.4	28.2	21.8	82.0	0.0	0.0	0.0	3.0
6	16.6	29.8	22.0	80.0	0.0	0.0	0.0	6.0
7	16.2	29.4	22.6	75.3	.6	.4	1.0	4.7
8	17.4	30.4	23.2	73.7	0.0	0.0	0.0	7.9
9	16.4	31.2	23.8	72.7	0.0	0.0	0.0	7.7
10	15.8	31.2	24.4	67.7	0.0	0.0	0.0	9.5
11	15.6	28.4	22.8	78.0	0.0	0.0	0.0	2.0
12	18.8	26.4	22.2	83.0	2.7	0.0	2.7	.1
13	18.0	29.4	23.1	78.0	0.0	19.2	19.2	3.7
14	17.4	28.9	21.8	81.0	0.0	0.0	0.0	3.9
15	15.4	28.4	21.4	81.3	2.5	0.0	2.5	1.9
16	15.6	30.0	24.3	74.7	0.0	27.8	27.8	4.9
17	17.4	25.2	21.2	87.7	.5	0.0	.5	.4
18	16.0	29.6	21.8	78.7	4.0	20.3	24.3	4.4
19	17.2	23.4	19.7	95.0	1.9	0.0	1.9	0.0
20	17.0	27.8	22.1	81.7	0.0	16.8	16.8	1.2
21	17.4	23.8	20.2	93.0	3.1	0.0	3.1	.5
22	17.2	28.2	21.7	83.7	.3	0.0	.3	3.6
23	16.0	27.8	21.5	86.7	0.0	0.0	0.0	3.7
24	16.4	29.8	22.6	78.7	1.0	8.4	9.4	5.6
25	17.8	29.2	22.7	79.0	0.0	0.0	0.0	6.5
26	16.0	31.0	21.6	83.0	38.3	0.0	38.3	7.8
27	16.8	29.0	20.9	83.0	52.8	0.0	52.8	5.0
28	16.2	28.0	21.2	82.3	2.2	1.6	3.8	3.6
29	17.6	29.2	21.2	82.0	14.1	0.0	14.1	4.9
30	14.6	30.0	23.2	75.0	0.0	0.0	0.0	10.6
31	16.4	30.4	24.0	76.0	0.0	0.0	0.0	9.2
Total :					152.5	124.0	276.5	149.4
Promedio :	16.8	29.0	22.3	79.9				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	30.8	23.5	79.7	0.0	0.0	0.0	7.0
2	18.6	24.2	20.4	90.0	14.4	0.0	14.4	0.0
3	15.8	29.2	22.6	80.0	0.0	.7	.7	6.1
4	18.0	29.6	21.5	82.0	23.0	0.0	23.0	6.6
5	16.0	28.8	20.6	82.3	59.3	.1	59.4	6.0
6	14.6	29.4	21.7	84.0	1.0	102.0	103.0	6.3
7	17.2	25.2	19.8	87.7	3.1	0.0	3.1	0.0
8	16.6	29.0	21.2	82.0	.3	21.0	21.3	3.6
9	16.0	27.2	21.2	79.3	0.0	23.1	23.1	3.9
10	16.8	27.4	20.2	79.3	15.3	3.1	18.4	4.7
11	16.6	29.0	22.8	74.3	0.0	3.4	3.4	8.7
12	17.4	28.4	22.4	79.0	0.0	0.0	0.0	7.6
13	17.6	28.4	21.4	79.0	.5	0.0	.5	4.2
14	16.2	28.4	22.4	78.0	0.0	0.0	0.0	5.6
15	15.2	29.2	20.9	82.3	16.2	0.0	16.2	8.4
16	17.0	29.6	22.1	83.0	0.0	0.0	0.0	4.9
17	16.6	29.8	21.7	84.3	1.0	2.0	3.0	2.6
18	17.6	24.2	19.8	91.3	13.1	0.0	13.1	0.0
19	15.8	27.2	22.3	80.7	0.0	34.4	34.4	5.6
20	17.6	26.8	21.5	85.0	0.0	1.1	1.1	1.5
21	18.2	28.2	22.6	84.7	.2	2.1	2.3	3.2
22	19.0	28.8	22.9	83.7	0.0	0.0	0.0	3.5
23	18.6	29.0	23.9	78.0	0.0	5.4	5.4	7.9
24	17.4	25.6	21.5	85.3	0.0	38.2	38.2	.2
25	17.0	23.2	19.6	90.0	2.7	2.5	5.2	0.0
26	17.2	25.4	20.6	91.3	2.2	31.0	33.2	.7
27	17.4	26.2	21.0	84.0	4.7	0.0	4.7	2.4
28	15.8	29.6	21.5	82.7	.4	21.0	21.4	6.8
29	16.6	28.8	21.2	81.0	0.0	0.0	0.0	7.5
30	16.8	25.6	21.6	85.0	.6	0.0	.6	.9
31								
Total :					158.0	291.1	449.1	126.4
Promedio :	17.0	27.7	21.5	83.0				

Estación : PARAGUAICITO
Año : 2002

Dpto. : QUINDIO
Mpio. : BUENAVISTA

Latitud : 4 ° 23 ' N
Longitud : 75 ° 44 ' W
Altitud : 1250 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	28.4	22.1	81.0	0.0	0.0	0.0	4.9
2	17.6	29.8	23.6	80.3	0.0	0.0	0.0	5.2
3	18.8	28.2	22.1	84.3	11.6	0.0	11.6	3.3
4	17.0	29.8	22.6	78.7	0.0	0.0	0.0	9.1
5	17.6	30.6	24.5	75.0	0.0	0.0	0.0	9.7
6	18.2	30.2	24.4	78.7	0.0	0.0	0.0	6.9
7	17.6	30.6	24.4	74.3	0.0	0.0	0.0	8.0
8	18.8	28.0	23.4	81.7	0.0	0.0	0.0	2.1
9	17.6	32.0	24.5	77.3	0.0	0.0	0.0	7.7
10	17.0	29.8	24.4	78.7	0.0	0.0	0.0	7.3
11	19.2	28.0	23.2	83.3	0.0	0.0	0.0	1.2
12	17.5	31.4	24.2	77.7	0.0	0.0	0.0	9.0
13	18.6	29.2	23.1	84.0	0.0	0.0	0.0	1.1
14	18.0	28.4	23.0	83.7	0.0	0.0	0.0	3.9
15	18.2	29.6	24.4	79.7	0.0	0.0	0.0	4.8
16	19.2	29.4	24.4	80.0	0.0	1.2	1.2	3.3
17	19.6	26.2	21.8	85.0	5.3	.6	5.9	.5
18	17.8	29.4	22.6	86.7	1.9	8.1	10.0	3.6
19	18.4	26.0	21.5	85.3	.9	0.0	.9	1.5
20	17.6	29.2	22.4	85.0	7.0	24.0	31.0	5.3
21	17.2	26.4	21.8	85.7	0.0	0.0	0.0	2.8
22	17.4	26.4	21.8	84.7	2.1	0.0	2.1	1.6
23	15.8	27.6	21.1	82.7	5.8	24.0	29.8	3.7
24	16.2	29.4	23.2	80.0	0.0	9.4	9.4	6.7
25	16.0	20.6	18.2	94.0	34.6	.1	34.7	0.0
26	15.4	25.6	20.0	80.3	.1	0.0	.1	5.0
27	16.0	27.2	22.2	79.3	0.0	29.1	29.1	3.1
28	16.5	24.4	18.0	89.3	1.4	0.0	1.4	2.0
29	14.8	28.8	21.5	73.0	0.0	1.5	1.5	4.7
30	17.5	27.5	22.0	78.7	1.2	.3	1.5	2.6
31	16.5	22.6	19.6	92.3	2.5	0.0	2.5	.8
Total :					74.4	98.3	172.7	131.4
Promedio :	17.4	28.1	22.5	81.9				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	26.8	21.2	79.3	0.0	3.2	3.2	3.6
2	17.5	28.3	22.4	81.7	1.3	.2	1.5	4.5
3	18.1	25.4	20.4	92.0	2.6	0.0	2.6	2.9
4	16.4	22.6	20.1	91.0	.3	0.0	.3	.9
5	16.6	25.4	20.3	84.0	18.1	21.5	39.6	2.9
6	16.2	27.4	20.0	84.7	.4	10.6	11.0	1.9
7	16.5	23.6	20.0	87.0	.3	0.0	.3	3.0
8	15.0	27.6	21.8	80.7	.9	8.0	8.9	6.8
9	16.6	24.6	20.0	86.3	1.4	0.0	1.4	2.3
10	15.9	27.5	22.1	77.7	0.0	.1	.1	5.0
11	18.4	27.2	21.4	82.3	1.8	0.0	1.8	5.0
12	17.6	28.6	23.0	76.7	0.0	.5	.5	7.5
13	18.0	27.6	20.8	83.7	1.2	0.0	1.2	3.1
14	16.4	27.9	21.4	83.0	1.6	.3	1.9	6.1
15	16.8	28.4	22.1	83.0	0.0	0.0	0.0	4.3
16	17.2	29.8	24.1	73.7	0.0	0.0	0.0	8.7
17	18.0	26.8	22.0	84.7	0.0	0.0	0.0	1.2
18	16.6	28.4	22.8	81.3	0.0	0.0	0.0	6.3
19	17.0	30.8	24.6	64.3	0.0	0.0	0.0	9.4
20	18.0	30.0	23.4	78.7	0.0	0.0	0.0	5.5
21	15.8	29.2	22.9	80.3	0.0	0.0	0.0	6.2
22	17.7	29.6	23.8	73.7	0.0	0.0	0.0	6.0
23	15.8	30.2	23.0	76.7	0.0	0.0	0.0	8.7
24	17.2	28.2	23.1	73.7	.2	0.0	.2	6.7
25	16.7	29.8	22.8	75.0	0.0	0.0	0.0	5.6
26	16.4	30.0	22.8	80.3	0.0	0.0	0.0	6.4
27	17.9	29.8	23.8	78.7	0.0	0.0	0.0	5.3
28	19.5	28.6	23.7	79.0	0.0	0.0	0.0	2.0
29	18.0	28.8	22.5	82.7	0.0	0.0	0.0	3.2
30	18.3	32.3	26.4	61.0	0.0	0.0	0.0	9.4
31								
Total :					30.1	44.4	74.5	150.4
Promedio :	17.1	28.0	22.3	79.9				

Estación : PARAGUAICITO Dpto. : QUINDIO Latitud : 4 ° 23 ' N
Año : 2002 Mpio. : BUENAVISTA Longitud : 75 ° 44 ' W
Altitud : 1250 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	29.0	23.6	76.0	0.0	0.0	0.0	5.6
2	17.8	29.8	23.6	78.3	0.0	0.0	0.0	5.6
3	16.5	32.4	24.8	73.3	0.0	0.0	0.0	8.8
4	19.8	31.9	23.6	81.7	5.5	46.1	51.6	5.9
5	18.2	24.0	20.1	89.3	23.0	7.4	30.4	.2
6	17.2	27.6	21.9	82.0	0.0	0.0	0.0	3.1
7	15.8	29.9	23.8	71.3	0.0	0.0	0.0	8.7
8	17.5	30.2	24.2	74.0	0.0	0.0	0.0	9.0
9	17.0	29.6	24.0	74.3	0.0	0.0	0.0	8.9
10	18.8	28.6	22.8	80.7	.3	0.0	.3	2.7
11	16.5	28.8	22.2	82.3	0.0	.2	.2	2.6
12	18.1	30.5	24.7	63.0	0.0	0.0	0.0	8.5
13	15.6	32.6	25.1	58.7	0.0	0.0	0.0	9.8
14	14.7	30.0	23.6	75.3	0.0	0.0	0.0	8.0
15	17.7	28.8	22.1	81.0	0.0	0.0	0.0	5.7
16	17.5	28.5	22.5	82.7	0.0	0.0	0.0	4.1
17	18.8	28.9	22.2	83.7	.7	9.1	9.8	4.6
18	18.3	28.5	22.4	82.7	0.0	0.0	0.0	3.9
19	17.8	27.8	22.8	79.0	0.0	0.0	0.0	4.1
20	18.0	28.4	22.0	81.0	4.8	18.5	23.3	4.6
21	17.4	26.8	21.8	82.0	0.0	0.0	0.0	5.2
22	16.9	28.2	23.0	79.0	0.0	0.0	0.0	8.0
23	16.6	28.9	22.6	80.7	.3	0.0	.3	6.7
24	17.4	29.5	22.5	80.3	0.0	.1	.1	5.9
25	18.9	26.6	22.9	76.7	0.0	0.0	0.0	1.9
26	14.8	32.0	23.2	64.7	0.0	0.0	0.0	9.8
27	15.4	29.2	23.0	75.7	0.0	0.0	0.0	7.7
28	15.8	29.8	22.6	77.3	0.0	0.0	0.0	7.0
29	16.7	31.2	23.5	65.3	0.0	0.0	0.0	8.2
30	13.4	30.4	22.9	69.0	0.0	0.0	0.0	7.3
31	16.8	27.3	21.4	79.7	0.0	0.0	0.0	3.3
Total :					34.6	81.4	116.0	185.4
Promedio :	17.0	29.2	22.9	76.8				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	28.8	22.6	75.0	0.0	0.0	0.0	8.0
2	14.8	30.2	22.8	75.0	0.0	0.0	0.0	9.4
3	15.2	27.8	22.5	74.7	0.0	0.0	0.0	4.7
4	15.4	29.9	22.4	76.0	0.0	0.0	0.0	6.8
5	16.6	31.0	23.8	70.0	0.0	0.0	0.0	9.2
6	14.4	29.4	22.7	75.3	0.0	0.0	0.0	7.1
7	15.4	29.6	22.9	73.3	0.0	0.0	0.0	4.3
8	17.2	29.8	23.3	74.3	0.0	0.0	0.0	5.2
9	16.6	30.0	23.0	77.7	0.0	0.0	0.0	5.2
10	16.4	32.6	24.7	57.0	0.0	0.0	0.0	9.0
11	17.4	31.4	23.8	66.0	0.0	0.0	0.0	6.1
12	15.0	29.2	23.3	66.0	0.0	0.0	0.0	7.2
13	16.9	29.6	24.5	66.7	0.0	0.0	0.0	4.6
14	16.6	31.2	23.6	66.0	0.0	0.0	0.0	6.6
15	17.4	30.4	25.4	62.3	0.0	0.0	0.0	5.9
16	18.2	31.6	25.2	57.3	0.0	0.0	0.0	8.2
17	14.0	33.2	25.3	54.3	0.0	0.0	0.0	10.1
18	16.0	31.0	22.4	76.0	0.0	0.0	0.0	6.7
19	15.2	28.2	21.8	80.3	0.0	0.0	0.0	3.6
20	18.4	31.2	23.8	74.7	0.0	0.0	0.0	7.8
21	16.6	33.8	24.8	68.3	0.0	0.0	0.0	9.2
22	17.0	31.0	24.0	74.0	0.0	0.0	0.0	8.2
23	18.2	31.2	24.0	75.3	0.0	0.0	0.0	5.6
24	16.4	32.8	24.0	73.0	0.0	0.0	0.0	8.5
25	17.6	32.0	22.8	82.0	4.9	0.0	4.9	8.1
26	18.4	27.6	23.0	78.3	0.0	2.2	2.2	1.3
27	19.0	26.6	21.4	85.7	0.0	0.0	0.0	2.7
28	16.8	29.2	22.5	79.7	0.0	43.6	43.6	5.4
29	17.8	24.6	20.8	86.0	8.0	0.0	8.0	0.0
30	16.0	29.6	22.3	78.3	0.0	.2	.2	5.8
31	18.6	30.2	22.7	83.3	4.4	1.6	6.0	5.8
Total :					17.3	47.6	64.9	196.3
Promedio :	16.6	30.2	23.3	73.0				

Estación : PARAGUAICITO
Año : 2002

Dpto. : QUINDIO
Mpio. : BUENAVISTA

Latitud : 4 ° 23 ' N
Longitud : 75 ° 44 ' W
Altitud : 1250 m

Septiembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	28.6	20.6	85.7	25.6	4.6	30.2	2.5
2	17.8	28.5	21.9	85.0	0.0	0.0	0.0	4.6
3	19.0	29.6	23.7	80.3	0.0	0.0	0.0	7.6
4	17.8	31.4	24.5	70.7	0.0	0.0	0.0	10.0
5	16.0	30.7	23.2	77.3	0.0	0.0	0.0	8.2
6	15.8	31.2	21.8	84.3	16.7	0.0	16.7	7.9
7	17.4	30.6	22.5	81.0	0.0	0.0	0.0	7.6
8	15.2	32.0	23.8	69.3	0.0	0.0	0.0	9.9
9	16.0	28.6	22.4	80.7	0.0	0.0	0.0	5.4
10	16.8	28.0	21.7	84.0	.9	0.0	.9	4.6
11	17.8	31.4	21.0	84.0	6.1	0.0	6.1	6.7
12	15.6	29.4	22.2	76.0	0.0	0.0	0.0	9.3
13	16.2	30.8	23.0	74.3	0.0	0.0	0.0	7.8
14	17.2	27.6	22.8	83.3	0.0	1.4	1.4	2.5
15	18.7	28.0	23.6	81.3	0.0	0.0	0.0	3.5
16	18.2	28.8	22.4	82.7	0.0	0.0	0.0	5.8
17	16.8	27.4	22.4	79.3	0.0	0.0	0.0	.9
18	18.0	25.2	21.6	86.3	3.5	2.3	5.8	.2
19	17.6	28.4	21.0	82.7	2.2	0.0	2.2	3.9
20	16.8	28.6	22.8	79.0	0.0	0.0	0.0	4.2
21	18.2	31.5	21.5	82.3	14.9	0.0	14.9	8.2
22	16.2	30.6	23.3	78.3	0.0	0.0	0.0	9.1
23	16.0	30.2	20.0	81.7	17.0	.3	17.3	4.6
24	15.6	28.4	21.2	82.7	0.0	1.9	1.9	4.7
25	17.6	27.4	21.8	83.7	0.0	53.0	53.0	2.4
26	16.8	24.6	19.4	93.0	.6	1.0	1.6	.6
27	17.6	29.8	21.3	84.3	.6	9.1	9.7	6.8
28	17.8	27.0	21.3	82.7	0.0	0.0	0.0	2.7
29	15.4	28.2	22.5	80.0	0.0	0.0	0.0	6.2
30	16.2	29.4	22.8	78.3	0.0	0.0	0.0	9.4
31								
Total :					88.1	73.6	161.7	167.8
Promedio :	17.0	29.1	22.1	81.1				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	30.2	23.2	74.0	0.0	0.0	0.0	8.4
2	17.2	29.4	22.8	75.7	0.0	0.0	0.0	9.3
3	17.0	30.7	23.0	79.3	0.0	0.0	0.0	7.6
4	15.8	30.6	23.4	77.3	0.0	0.0	0.0	7.9
5	17.4	30.0	23.7	77.0	0.0	0.0	0.0	7.9
6	17.2	30.2	22.5	80.3	.4	0.0	.4	5.0
7	18.6	27.8	21.6	86.7	.3	0.0	.3	2.1
8	17.2	28.6	21.7	84.7	0.0	0.0	0.0	5.6
9	16.4	29.6	23.0	78.3	.2	0.0	.2	7.7
10	17.4	30.6	23.6	81.7	0.0	8.6	8.6	7.7
11	17.0	27.2	20.6	85.7	.3	0.0	.3	4.5
12	16.0	28.6	22.2	79.7	0.0	0.0	0.0	8.5
13	17.4	28.8	23.0	76.7	0.0	0.0	0.0	4.6
14	16.4	31.0	23.4	75.0	0.0	.2	.2	8.0
15	18.2	28.0	21.6	89.7	.9	0.0	.9	3.9
16	17.8	29.6	22.3	82.7	2.5	5.3	7.8	5.9
17	18.4	25.6	21.2	86.7	0.0	.5	.5	1.1
18	17.6	26.8	21.9	82.0	1.2	0.0	1.2	4.3
19	15.4	30.6	21.2	83.0	.3	0.0	.3	6.9
20	15.8	27.2	19.9	85.7	30.5	2.6	33.1	3.4
21	16.6	28.6	22.4	80.7	0.0	41.9	41.9	4.8
22	17.8	23.2	19.8	93.7	7.6	0.0	7.6	0.0
23	16.4	28.3	19.6	82.3	24.0	13.9	37.9	2.3
24	16.6	27.6	20.8	85.3	.6	0.0	.6	4.6
25	17.2	29.8	21.9	84.0	0.0	13.5	13.5	4.8
26	17.0	26.4	21.0	86.3	.2	31.4	31.6	3.2
27	17.3	24.0	19.9	94.3	1.3	0.0	1.3	2.1
28	16.2	27.8	21.2	81.7	0.0	1.0	1.0	6.3
29	17.4	27.6	20.5	84.7	15.2	30.3	45.5	4.1
30	16.8	25.4	20.4	88.0	.5	1.3	1.8	2.8
31	16.8	28.8	22.0	82.3	0.0	51.3	51.3	6.9
Total :					86.0	201.8	287.8	162.2
Promedio :	17.0	28.3	21.8	82.7				

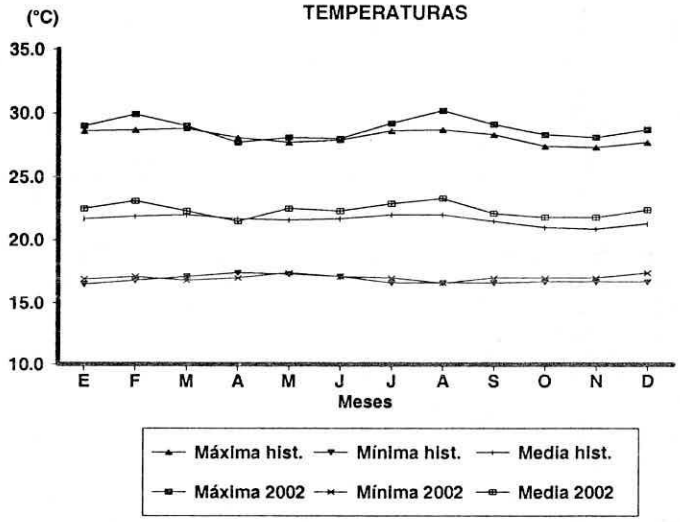
Estación : PARAGUAICITO Dpto. : QUINDIO Latitud : 4 ° 23 ' N
Año : 2002 Mpio. : BUENAVISTA Longitud : 75 ° 44 ' W
Altitud : 1250 m

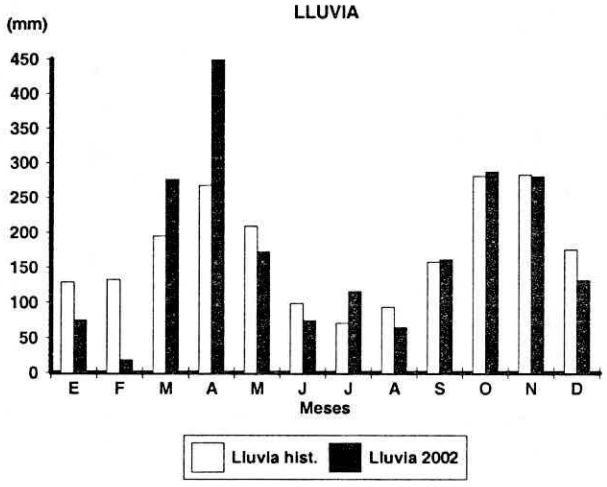
Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	26.8	21.2	87.0	0.0	2.8	2.8	4.5
2	18.0	26.0	19.8	87.3	42.5	8.8	51.3	.6
3	17.4	22.0	19.0	96.7	6.0	0.0	6.0	0.0
4	14.0	28.2	20.8	84.0	0.0	23.3	23.3	9.8
5	16.2	28.5	21.6	76.3	0.0	57.2	57.2	4.7
6	16.6	27.2	21.4	83.7	0.0	2.8	2.8	3.3
7	17.8	24.4	20.6	88.7	.4	36.8	37.2	1.0
8	17.2	26.6	20.2	85.7	1.3	0.0	1.3	1.7
9	16.0	28.4	21.2	83.7	.6	1.5	2.1	3.2
10	17.0	28.5	22.0	85.3	0.0	0.0	0.0	4.4
11	16.2	28.2	21.6	84.7	.9	0.0	.9	5.0
12	16.8	28.6	20.8	84.0	29.3	0.0	29.3	4.4
13	17.0	25.2	21.0	86.7	0.0	65.8	65.8	.5
14	16.8	25.6	20.6	88.7	0.0	0.0	0.0	1.5
15	16.0	30.2	22.8	81.7	0.0	0.0	0.0	7.1
16	17.8	28.8	22.5	83.7	0.0	0.0	0.0	3.4
17	18.6	28.0	22.0	84.7	0.0	0.0	0.0	2.3
18	17.0	27.6	21.2	81.7	0.0	.2	.2	5.0
19	17.1	29.4	22.0	83.7	0.0	0.0	0.0	4.0
20	15.6	30.6	22.9	80.7	0.0	0.0	0.0	8.5
21	17.2	28.6	22.0	83.0	0.0	0.0	0.0	4.5
22	17.8	28.8	22.6	84.0	0.0	0.0	0.0	5.5
23	17.8	29.5	22.5	80.7	0.0	0.0	0.0	6.7
24	16.2	28.6	22.4	78.7	0.0	0.0	0.0	6.8
25	16.8	30.0	22.9	80.7	0.0	0.0	0.0	7.5
26	16.5	29.8	23.6	78.7	0.0	0.0	0.0	8.0
27	18.0	31.2	24.1	77.3	0.0	0.0	0.0	7.7
28	17.8	31.7	22.6	80.7	0.0	0.0	0.0	6.3
29	18.2	27.6	22.0	85.0	.2	0.0	.2	1.8
30	16.4	29.6	22.9	77.3	.2	0.0	.2	8.0
31								
Total :					81.4	199.2	280.6	137.7
Promedio :	17.0	28.1	21.8	83.5				

Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	30.8	22.8	80.7	0.0	0.0	0.0	6.5
2	17.4	31.0	23.5	77.0	0.0	0.0	0.0	8.2
3	17.1	29.6	21.8	84.7	9.7	.1	9.8	4.6
4	16.4	28.4	22.0	81.7	0.0	.3	.3	2.4
5	17.4	29.8	22.0	84.7	0.0	6.7	6.7	4.4
6	18.8	29.0	23.0	76.7	.1	0.0	.1	2.9
7	17.0	28.7	22.1	84.0	0.0	0.0	0.0	3.7
8	17.8	27.4	21.4	87.0	.1	13.4	13.5	1.9
9	18.4	29.6	22.6	80.7	0.0	0.0	0.0	7.4
10	17.4	30.6	24.2	75.0	0.0	23.7	23.7	8.4
11	19.6	28.6	23.5	82.3	0.0	0.0	0.0	5.2
12	17.4	30.6	24.3	74.7	0.0	0.0	0.0	9.0
13	19.2	30.8	23.9	80.7	0.0	0.0	0.0	6.3
14	19.0	26.2	22.3	91.0	.1	35.3	35.4	.9
15	18.2	22.8	19.7	95.7	26.8	2.6	29.4	0.0
16	17.8	26.4	21.0	86.7	.4	2.9	3.3	2.4
17	18.4	22.4	19.3	96.3	5.5	.2	5.7	0.0
18	17.7	25.4	20.9	86.3	.2	0.0	.2	.7
19	16.8	29.4	22.2	80.7	0.0	0.0	0.0	5.9
20	16.6	26.8	21.0	88.7	2.4	.2	2.6	3.2
21	17.8	27.4	21.7	86.0	0.0	0.0	0.0	4.4
22	15.8	29.4	22.4	78.0	0.0	0.0	0.0	6.8
23	16.4	29.6	22.9	75.7	0.0	0.0	0.0	7.9
24	16.4	29.5	22.4	81.3	0.0	0.0	0.0	4.3
25	15.8	30.8	22.2	81.7	1.0	0.0	1.0	8.7
26	16.6	30.7	23.8	79.3	0.0	0.0	0.0	8.3
27	17.6	30.0	22.6	80.3	0.0	0.0	0.0	5.7
28	16.8	29.8	23.0	79.0	0.0	0.0	0.0	4.7
29	17.0	29.6	22.4	81.3	.2	.1	.3	7.3
30	16.6	30.4	23.1	81.3	0.0	0.0	0.0	7.2
31	17.4	28.8	23.5	78.7	0.0	0.0		4.9
Total :					46.5	85.5	132.0	154.2
Promedio :	17.4	28.7	22.4	82.5				

Estación : PARAGUAICITO **Dpto. : QUINDIO** **Latitud : 4° 23 ' N**
Año : 2002 **Mpio. : BUENAVISTA** **Longitud : 75° 44 ' W**
Altitud : 1250 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.9	29.0	22.5	32.2	15.2	78.5	74.9	8	201.7
Febrero	17.1	29.9	23.1	32.0	14.6	75.8	18.3	5	156.3
Marzo	16.8	29.0	22.3	32.0	14.6	79.9	276.5	19	149.4
Abril	17.0	27.7	21.5	30.8	14.6	83.0	449.1	24	126.4
Mayo	17.4	28.1	22.5	32.0	14.8	81.9	172.7	16	131.4
Junio	17.1	28.0	22.3	32.3	15.0	79.9	74.5	15	150.4
Julio	17.0	29.2	22.9	32.6	13.4	76.8	116.0	8	185.4
Agosto	16.6	30.2	23.3	33.8	14.0	73.0	64.9	6	196.3
Septiembre	17.0	29.1	22.1	32.0	15.2	81.1	161.7	13	167.8
Octubre	17.0	28.3	21.8	31.0	15.4	82.7	287.8	23	162.2
Noviembre	17.0	28.1	21.8	31.7	14.0	83.5	280.6	15	137.7
Diciembre	17.4	28.7	22.4	31.0	15.8	82.5	132.0	14	154.2
Promedio :	17.0	28.8	22.4			79.9			
Absoluta :				33.8	13.4				
Total :							2109.0	166	1919.2





Estación : OSPIRMA
Año : 2002

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.1	26.0	19.2	76.7	0.0	0.0	0.0	8.5
2	15.3	25.5	19.9	71.0	0.0	0.0	0.0	10.5
3	14.8	25.2	19.4	76.3	0.0	0.0	0.0	6.3
4	13.7	26.1	19.0	79.0	0.0	0.0	0.0	8.9
5	13.2	26.6	18.7	69.0	0.0	0.0	0.0	9.3
6	14.1	26.2	20.0	74.7	0.0	9.3	9.3	7.5
7	16.5	24.1	19.3	83.7	4.8	14.6	19.4	3.9
8	14.6	23.6	18.1	79.0	0.0	0.0	0.0	8.0
9	14.7	24.8	18.7	79.0	0.0	0.0	0.0	6.6
10	14.5	26.6	18.8	74.3	0.0	1.2	1.2	8.5
11	14.7	25.7	18.8	71.7	0.0	0.0	0.0	8.1
12	15.2	25.0	19.2	72.7	0.0	0.0	0.0	6.9
13	14.7	24.5	18.0	82.7	.3	1.8	2.1	3.3
14	15.6	25.2	19.0	79.7	.7	0.0	.7	3.2
15	14.4	26.0	19.4	76.3	0.0	.8	.8	7.8
16	14.8	26.9	20.3	69.7	0.0	3.1	3.1	8.1
17	15.2	26.4	20.4	73.0	0.0	0.0	0.0	8.7
18	14.8	26.8	19.6	74.3	0.0	0.0	0.0	7.8
19	13.4	26.4	20.0	68.3	0.0	0.0	0.0	9.7
20	15.0	24.2	18.3	81.3	0.0	0.0	0.0	3.5
21	14.2	26.8	19.5	74.7	0.0	0.0	0.0	8.7
22	15.6	27.8	20.2	73.3	7.1	0.0	7.1	4.1
23	13.6	28.4	20.2	68.7	0.0	0.0	0.0	8.7
24	14.8	26.4	19.7	77.0	0.0	0.0	0.0	7.8
25	14.4	27.4	20.2	74.3	0.0	0.0	0.0	4.0
26	15.4	27.2	20.5	74.3	0.0	0.0	0.0	8.0
27	14.8	28.4	21.3	63.3	.6	0.0	.6	7.7
28	16.1	28.4	20.8	64.3	0.0	0.0	0.0	8.5
29	14.0	29.4	21.1	68.0	0.0	0.0	0.0	8.0
30	16.6	25.0	19.2	87.0	1.2	0.0	1.2	2.5
31	13.8	21.7	18.5	78.3	0.0	0.0	0.0	.7
Total :					14.7	30.8	45.5	213.8
Promedio :	14.8	26.1	19.5	74.7				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.7	26.6	20.1	75.7	0.0	1.1	1.1	3.5
2	16.2	26.4	20.7	77.0	0.0	0.0	0.0	6.6
3	16.6	23.0	19.5	84.7	2.1	1.7	3.8	0.0
4	14.4	21.6	17.9	86.7	0.0	0.0	0.0	0.0
5	15.0	26.2	19.8	65.0	0.0	0.0	0.0	7.4
6	14.6	26.1	19.8	64.7	0.0	0.0	0.0	7.9
7	13.4	25.2	18.8	62.3	0.0	.4	.4	5.2
8	14.7	23.4	18.6	67.7	0.0	.2	.2	.8
9	14.5	25.4	18.7	76.7	4.0	0.0	4.0	3.1
10	14.6	25.9	19.7	75.7	0.0	5.5	5.5	7.2
11	14.9	26.6	19.7	70.3	0.0	0.0	0.0	4.4
12	15.2	27.1	20.0	70.3	.2	6.5	6.7	5.3
13	15.1	26.4	20.3	72.0	0.0	8.1	8.1	7.8
14	14.8	26.8	20.3	71.7	0.0	0.0	0.0	7.9
15	14.6	27.4	20.6	69.3	0.0	.9	.9	9.5
16	15.6	26.8	20.5	75.0	.6	0.0	.6	6.3
17	16.9	28.2	21.4	69.7	0.0	0.0	0.0	9.9
18	16.4	28.0	20.8	70.0	0.0	15.6	15.6	8.2
19	15.9	25.2	19.6	81.3	0.0	0.0	0.0	3.4
20	14.7	26.7	19.6	72.3	0.0	1.1	1.1	8.1
21	15.1	26.9	20.6	68.7	0.0	0.0	0.0	4.9
22	15.8	24.0	19.6	76.3	0.0	9.7	9.7	3.6
23	13.8	26.6	19.4	76.0	0.0	0.0	0.0	6.4
24	14.4	29.6	20.7	68.0	0.0	0.0	0.0	10.2
25	13.6	28.4	20.5	66.3	0.0	0.0	0.0	9.4
26	15.9	26.8	20.8	70.3	0.0	4.1	4.1	7.5
27	17.0	24.6	19.1	79.7	17.1	8.3	25.4	1.1
28	15.0	27.0	19.3	76.3	0.0	0.0	0.0	7.4
29								
30								
31								
Total :					24.0	63.2	87.2	163.0
Promedio :	15.2	26.2	19.9	72.8				

Estación : OSPIRMA
Año : 2002

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	29.2	20.2	70.0	0.0	0.0	0.0	9.1
2	15.6	28.0	20.1	68.7	0.0	5.7	5.7	8.5
3	16.4	27.4	20.4	74.3	0.0	17.5	17.5	9.6
4	16.0	25.8	20.1	72.3	0.0	0.0	0.0	6.7
5	15.7	25.2	19.3	72.3	0.0	0.0	0.0	5.0
6	16.2	26.2	19.9	72.0	0.0	0.0	0.0	8.2
7	15.5	27.4	20.1	71.3	0.0	1.7	1.7	6.8
8	16.0	26.8	19.5	75.7	0.0	4.3	4.3	9.1
9	16.4	27.8	20.8	66.7	0.0	0.0	0.0	6.0
10	15.6	27.2	20.4	71.3	0.0	0.0	0.0	7.9
11	15.2	26.6	20.2	68.0	0.0	1.0	1.0	7.5
12	16.6	26.2	20.0	75.3	2.6	0.0	2.6	1.5
13	16.0	28.2	21.0	71.7	0.0	7.7	7.7	7.2
14	14.5	24.7	18.2	79.3	.3	.1	.4	2.7
15	16.2	25.8	19.2	79.3	.2	0.0	.2	3.0
16	15.4	27.4	20.7	74.3	0.0	19.2	19.2	8.9
17	16.2	24.5	19.2	82.3	0.0	0.0	0.0	1.5
18	15.9	27.4	20.3	70.7	0.0	0.0	0.0	3.2
19	15.5	19.4	17.2	93.7	.3	0.0	.3	0.0
20	15.6	26.4	19.2	76.0	11.5	0.0	11.5	2.5
21	15.9	19.4	17.2	92.3	11.8	10.3	22.1	0.0
22	15.4	26.2	20.1	74.7	0.0	0.0	0.0	5.2
23	15.0	23.4	19.2	84.0	0.0	0.0	0.0	1.9
24	14.2	27.2	20.2	75.3	1.2	23.8	25.0	4.5
25	15.6	26.2	19.5	78.0	0.0	0.0	0.0	7.4
26	16.9	26.4	21.2	71.3	.2	0.0	.2	5.5
27	17.0	25.2	19.4	80.0	.4	0.0	.4	1.9
28	15.7	27.2	19.2	76.7	9.5	.5	10.0	4.9
29	15.4	23.6	18.8	82.3	.8	0.0	.8	3.7
30	14.5	27.2	20.3	75.7	0.0	0.0	0.0	9.4
31	15.7	28.8	21.8	72.3	0.0	2.6	2.6	8.6
Total :					38.8	94.4	133.2	167.9
Promedio :	15.7	26.1	19.8	75.7				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	26.0	20.5	78.3	0.0	1.1	1.1	2.2
2	17.2	23.8	19.4	84.0	0.0	0.0	0.0	0.0
3	16.4	27.4	20.0	77.3	10.3	0.0	10.3	5.8
4	16.2	25.8	20.0	79.7	0.0	2.3	2.3	5.9
5	16.4	26.7	19.3	74.3	0.0	0.0	0.0	3.6
6	15.0	26.4	19.6	79.3	0.0	0.0	0.0	7.3
7	15.5	19.9	17.6	92.7	15.1	0.0	15.1	0.0
8	15.2	23.6	18.4	80.3	0.0	8.9	8.9	4.7
9	14.9	23.8	18.5	81.3	0.0	22.1	22.1	3.6
10	14.3	22.4	17.7	78.3	5.6	0.0	5.6	.7
11	14.4	23.7	17.9	77.3	.9	0.0	.9	2.7
12	15.4	24.7	19.2	72.7	0.0	.5	.5	7.3
13	15.0	25.0	18.9	74.0	1.9	0.0	1.9	4.2
14	15.7	25.4	19.5	75.3	.2	.3	.5	9.3
15	16.3	27.5	19.9	77.7	15.2	1.4	16.6	5.9
16	15.4	26.0	20.0	73.3	.5	.2	.7	7.9
17	16.7	25.8	19.3	83.0	.1	2.7	2.8	4.6
18	15.6	22.2	17.8	88.3	7.4	.2	7.6	0.0
19	14.0	24.8	19.2	75.7	0.0	13.5	13.5	5.3
20	15.4	26.4	19.7	78.7	0.0	2.6	2.6	6.3
21	16.4	25.0	19.6	85.3	0.0	0.0	0.0	.9
22	15.4	27.8	20.2	71.7	0.0	0.0	0.0	7.6
23	17.0	27.2	21.1	75.3	0.0	6.7	6.7	5.2
24	15.4	25.6	19.3	83.0	1.4	23.9	25.3	4.3
25	15.0	19.2	17.0	95.3	4.5	.5	5.0	0.0
26	15.4	23.4	18.3	83.7	9.1	16.5	25.6	1.3
27	15.1	24.8	18.6	83.3	5.7	.3	6.0	3.5
28	15.2	24.6	19.4	77.3	0.0	22.9	22.9	4.6
29	14.1	26.0	20.0	78.3	.7	1.1	1.8	7.6
30	15.8	23.8	18.8	80.7	27.1	0.0	27.1	.4
31								
Total :					105.7	127.7	233.4	122.7
Promedio :	15.6	24.8	19.2	79.8				

Estación : OSPIRMA
Año : 2002

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.6	25.5	19.8	79.7	.7	0.0	.7	8.8
2	15.6	27.4	20.6	70.0	0.0	0.0	0.0	4.3
3	16.8	25.8	19.2	83.7	21.7	16.2	37.9	6.2
4	15.2	26.0	20.3	77.7	0.0	0.0	0.0	9.4
5	15.5	27.4	20.8	72.7	0.0	0.0	0.0	6.8
6	15.7	27.4	20.5	72.7	0.0	0.0	0.0	7.9
7	17.0	26.8	21.3	69.0	0.0	2.7	2.7	7.0
8	16.8	26.2	21.2	69.3	0.0	0.0	0.0	3.1
9	16.0	28.4	21.3	69.0	0.0	0.0	0.0	7.0
10	16.0	26.5	21.1	75.3	0.0	0.0	0.0	7.6
11	17.4	26.4	20.6	71.3	.7	0.0	.7	1.2
12	15.1	28.4	21.2	66.0	0.0	0.0	0.0	7.7
13	16.9	28.9	21.5	59.7	0.0	0.0	0.0	3.9
14	16.2	28.0	21.0	76.3	0.0	0.0	0.0	6.3
15	16.7	27.6	21.1	75.7	0.0	.9	.9	3.1
16	16.8	27.2	20.9	74.0	0.0	0.0	0.0	6.1
17	17.3	24.4	19.8	80.7	0.0	2.7	2.7	1.0
18	15.8	25.2	19.7	84.0	.2	29.2	29.4	2.8
19	15.0	23.8	18.9	82.3	0.0	0.0	0.0	1.0
20	15.8	27.6	20.9	71.7	0.0	24.2	24.2	7.0
21	15.2	24.8	18.2	87.3	0.0	0.0	0.0	3.0
22	16.4	25.4	19.3	80.3	2.7	0.0	2.7	2.0
23	15.6	23.8	19.7	74.0	0.0	1.1	1.1	2.0
24	15.8	26.8	19.5	72.0	0.0	0.0	0.0	6.9
25	12.4	19.2	16.0	87.7	7.6	.8	8.4	0.0
26	13.0	23.2	17.4	75.7	0.0	0.0	0.0	4.1
27	14.2	26.4	19.5	65.7	0.0	13.1	13.1	6.2
28	13.1	23.2	17.8	69.7	0.0	0.0	0.0	4.2
29	15.2	25.4	19.7	60.0	0.0	4.9	4.9	6.3
30	15.4	24.8	18.7	75.7	0.0	.8	.8	2.7
31	15.2	20.3	17.8	91.3	.2	0.0	.2	.1
Total :					33.8	96.6	130.4	145.7
Promedio :	15.6	25.7	19.8	74.8				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	25.1	19.1	72.7	0.0	9.1	9.1	7.8
2	15.4	24.3	18.0	87.7	0.0	0.0	0.0	2.7
3	15.9	24.8	18.6	81.7	4.0	2.0	6.0	4.8
4	15.6	21.4	17.5	90.0	4.0	.5	4.5	0.0
5	14.9	24.2	18.0	72.0	.6	2.9	3.5	2.4
6	14.4	23.0	18.3	85.0	.2	7.5	7.7	5.0
7	14.8	22.8	17.9	89.7	1.1	0.0	1.1	2.2
8	14.4	26.8	19.2	68.0	1.0	7.9	8.9	6.8
9	15.8	23.4	18.2	76.7	0.0	0.0	0.0	3.2
10	14.0	24.8	19.2	75.0	0.0	1.2	1.2	7.3
11	14.8	25.0	18.6	76.0	0.0	0.0	0.0	6.5
12	15.0	26.0	19.9	71.7	0.0	1.6	1.6	5.6
13	14.6	23.4	18.8	81.7	0.0	0.0	0.0	2.8
14	15.2	25.6	19.1	73.7	0.0	0.0	0.0	8.6
15	15.0	26.8	19.6	74.0	0.0	0.0	0.0	5.6
16	14.9	26.6	19.7	71.7	10.8	.3	11.1	6.3
17	16.2	25.4	19.7	75.0	0.0	1.9	1.9	5.5
18	15.6	26.2	19.3	79.7	0.0	0.0	0.0	7.5
19	14.6	27.9	20.6	69.3	0.0	0.0	0.0	9.7
20	15.1	26.4	21.2	61.7	0.0	0.0	0.0	5.1
21	15.6	27.9	21.4	67.0	0.0	0.0	0.0	7.0
22	16.0	26.0	20.7	68.3	0.0	0.0	0.0	4.1
23	15.0	27.2	20.3	66.0	0.0	0.0	0.0	3.7
24	15.9	27.7	20.7	73.0	0.0	0.0	0.0	7.9
25	16.4	26.4	20.9	70.7	0.0	0.0	0.0	5.8
26	14.3	28.2	20.9	68.3	0.0	0.0	0.0	7.7
27	16.2	26.8	20.9	67.0	0.0	0.0	0.0	6.3
28	15.7	26.4	20.5	75.7	0.0	0.0	0.0	6.2
29	17.1	27.2	20.4	81.7	.5	3.9	4.4	7.4
30	15.5	28.2	21.8	65.3	0.0	0.0	0.0	9.8
31								
Total :					22.2	38.8	61.0	171.3
Promedio :	15.3	25.7	19.6	74.5				

Estación : OSPIRMA
Año : 2002

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	27.8	21.3	63.7	0.0	0.0	0.0	6.4
2	16.2	27.4	21.2	66.0	0.0	0.0	0.0	7.1
3	15.2	28.4	21.4	68.7	0.0	0.0	0.0	9.3
4	16.6	25.2	20.3	78.3	0.0	0.0	0.0	5.8
5	16.2	23.4	18.9	81.7	0.0	14.3	14.3	1.7
6	14.4	21.8	17.3	94.0	1.0	0.0	1.0	2.1
7	14.0	26.4	19.5	73.3	0.0	0.0	0.0	9.1
8	15.6	27.4	20.4	72.3	0.0	0.0	0.0	7.9
9	15.8	27.2	20.6	76.0	0.0	0.0	0.0	8.5
10	16.2	26.4	20.6	69.0	0.0	0.0	0.0	1.1
11	15.8	26.0	19.2	77.7	5.9	0.0	5.9	5.3
12	15.2	27.4	20.4	67.7	0.0	0.0	0.0	9.5
13	14.2	27.9	20.1	61.3	0.0	0.0	0.0	9.3
14	15.4	26.8	21.0	66.0	0.0	0.0	0.0	7.8
15	16.5	27.3	20.1	75.7	.4	0.0	.4	6.3
16	15.4	26.4	20.7	76.0	0.0	6.1	6.1	7.3
17	15.5	26.5	19.8	75.7	0.0	4.8	4.8	4.3
18	15.2	24.4	18.6	85.3	.7	0.0	.7	3.2
19	15.3	25.2	18.8	74.3	1.9	0.0	1.9	4.7
20	15.2	25.4	19.3	75.0	0.0	5.1	5.1	4.1
21	14.2	23.7	18.7	80.0	2.1	.1	2.2	6.3
22	14.0	26.2	19.7	72.0	0.0	0.0	0.0	7.7
23	15.8	26.4	19.3	76.0	.6	3.7	4.3	5.1
24	15.2	26.2	20.0	71.3	0.0	25.7	25.7	8.9
25	13.4	27.0	19.8	67.7	0.0	0.0	0.0	6.6
26	14.5	27.4	20.6	62.3	0.0	0.0	0.0	9.5
27	14.2	26.5	19.1	74.0	0.0	0.0	0.0	9.1
28	14.9	27.2	20.1	60.7	0.0	0.0	0.0	5.8
29	15.0	28.0	20.0	67.0	0.0	0.0	0.0	9.7
30	13.6	28.2	20.1	55.0	0.0	0.0	0.0	9.3
31	15.0	25.0	18.0	79.3	7.1	0.0	7.1	4.3
Total :					19.7	59.8	79.5	203.1
Promedio :	15.2	26.3	19.8	72.4				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	26.9	19.4	63.7	0.0	0.0	0.0	8.1
2	14.5	26.8	19.3	67.7	0.0	0.0	0.0	6.6
3	15.2	26.2	19.8	67.7	0.0	0.0	0.0	5.1
4	13.6	26.4	19.5	69.7	0.0	3.1	3.1	9.7
5	15.3	27.5	20.0	76.3	0.0	0.0	0.0	8.0
6	14.2	26.8	19.5	69.0	0.0	0.0	0.0	9.4
7	14.4	26.4	20.4	64.7	0.0	0.0	0.0	6.6
8	15.3	26.6	19.4	71.3	0.0	6.0	6.0	8.2
9	15.5	27.0	20.1	76.3	.4	0.0	.4	4.0
10	15.0	28.5	21.6	61.0	0.0	0.0	0.0	7.3
11	14.6	27.0	19.6	60.7	0.0	0.0	0.0	6.4
12	14.2	28.4	20.4	64.0	0.0	0.0	0.0	10.2
13	15.0	28.6	20.4	69.3	0.0	0.0	0.0	7.8
14	14.9	28.8	21.1	69.3	0.0	0.0	0.0	9.4
15	15.7	28.4	21.4	66.0	0.0	0.0	0.0	9.2
16	15.4	29.2	21.9	59.3	0.0	0.0	0.0	8.4
17	14.5	29.2	21.3	59.3	0.0	0.0	0.0	5.5
18	14.0	27.4	20.1	65.3	0.0	0.0	0.0	5.7
19	14.3	25.8	19.6	75.3	0.0	0.0	0.0	4.5
20	15.7	27.6	21.2	70.7	0.0	17.5	17.5	8.0
21	15.4	27.5	20.8	69.7	0.0	0.0	0.0	6.4
22	15.2	27.8	20.5	72.7	0.0	0.0	0.0	6.8
23	15.8	26.6	19.8	74.7	2.8	0.0	2.8	3.0
24	14.0	28.6	21.0	67.7	0.0	0.0	0.0	8.5
25	15.4	27.6	20.7	72.3	.3	0.0	.3	8.4
26	16.5	26.0	19.6	78.0	1.9	8.4	10.3	4.4
27	16.2	23.8	18.6	79.0	0.0	0.0	0.0	.6
28	15.4	26.3	18.5	81.0	1.0	1.8	2.8	3.8
29	15.4	20.7	17.1	84.0	5.4	0.0	5.4	0.0
30	13.8	25.5	19.1	71.0	0.0	9.1	9.1	8.9
31	15.9	26.4	20.2	74.7	0.0	0.0	0.0	9.6
Total :					11.8	45.9	57.7	208.5
Promedio :	14.9	27.0	20.1	70.0				

Estación : OSPIRMA
Año : 2002

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Septiembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	26.4	19.2	80.0	1.5	7.6	9.1	5.5
2	15.2	24.8	19.2	79.3	.7	9.3	10.0	4.9
3	15.0	26.4	20.0	68.7	0.0	6.3	6.3	9.6
4	14.5	25.0	19.4	73.7	0.0	0.0	0.0	9.0
5	15.7	26.2	20.0	70.7	0.0	0.0	0.0	6.1
6	15.4	26.4	19.9	72.7	0.0	0.0	0.0	8.7
7	16.0	27.4	20.4	72.0	0.0	0.0	0.0	9.3
8	14.5	26.8	21.1	62.3	0.0	0.0	0.0	10.1
9	15.4	25.6	19.7	73.3	0.0	0.0	0.0	3.1
10	16.2	24.6	19.1	80.7	0.0	10.5	10.5	4.1
11	15.7	26.2	20.0	76.0	8.1	0.0	8.1	2.5
12	14.7	25.8	19.6	74.3	0.0	0.0	0.0	7.5
13	14.2	27.8	21.2	68.7	0.0	.2	.2	9.3
14	16.2	25.0	19.8	75.7	0.0	3.2	3.2	1.7
15	14.8	26.8	20.2	72.0	0.0	0.0	0.0	8.3
16	16.0	25.8	20.2	71.0	0.0	2.4	2.4	3.9
17	15.0	23.7	19.2	77.3	0.0	26.3	26.3	2.0
18	15.4	22.2	17.4	86.7	0.0	1.1	1.1	.1
19	14.9	25.9	19.0	76.0	0.0	0.0	0.0	5.8
20	16.2	27.8	20.5	74.0	0.0	0.0	0.0	4.8
21	15.5	26.2	20.5	67.7	0.0	0.0	0.0	5.9
22	15.0	26.8	20.2	67.0	0.0	0.0	0.0	8.4
23	15.2	25.0	19.0	73.0	0.0	1.6	1.6	6.7
24	13.7	25.4	18.9	77.7	0.0	7.4	7.4	7.2
25	14.4	24.2	18.5	79.7	0.0	7.8	7.8	3.2
26	14.5	22.9	17.2	83.0	.2	0.0	.2	1.2
27	15.4	26.2	20.0	74.7	.2	33.1	33.3	7.8
28	13.6	23.2	17.6	83.7	0.0	0.0	0.0	2.4
29	14.8	26.2	20.2	69.7	0.0	0.0	0.0	10.1
30	15.0	27.2	19.7	74.0	0.0	0.0	0.0	6.9
31								
Total					10.7	116.8	127.5	176.1
Promedio :	15.1	25.7	19.6	74.5				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	27.0	20.2	74.7	0.0	0.0	0.0	6.9
2	14.8	27.6	20.4	67.7	0.0	0.0	0.0	9.6
3	14.5	27.8	20.2	64.7	0.0	0.0	0.0	9.0
4	14.2	27.4	20.5	68.7	0.0	0.0	0.0	4.3
5	14.7	26.0	19.3	73.3	0.0	0.0	0.0	3.8
6	16.0	25.8	19.7	72.3	0.0	.4	.4	6.3
7	15.6	22.5	17.8	82.3	.5	0.0	.5	.5
8	14.6	26.4	19.3	73.7	.9	0.0	.9	7.5
9	14.5	26.0	18.9	86.7	.7	0.0	.7	8.3
10	15.2	27.4	21.1	68.0	0.0	32.9	32.9	6.4
11	15.0	24.2	19.0	74.3	0.0	0.0	0.0	1.5
12	14.8	26.9	19.4	73.3	0.0	0.0	0.0	7.3
13	16.1	27.0	20.8	66.0	0.0	0.0	0.0	8.5
14	14.4	26.4	20.4	67.0	0.0	6.5	6.5	9.8
15	15.0	24.6	19.2	76.3	0.0	7.6	7.6	4.6
16	14.9	25.4	19.2	76.3	0.0	0.0	0.0	2.7
17	13.4	25.0	19.6	73.0	0.0	6.2	6.2	5.8
18	15.2	24.4	19.3	78.7	0.0	0.0	0.0	4.1
19	15.8	27.8	19.5	76.7	.5	0.0	.5	5.6
20	14.7	25.6	19.0	76.3	0.0	0.0	0.0	5.8
21	14.9	26.8	19.8	73.0	.8	5.4	6.2	4.3
22	15.4	19.9	16.6	96.3	10.8	0.0	10.8	1.2
23	15.0	25.4	19.0	74.3	2.6	3.3	5.9	4.9
24	14.9	23.5	18.3	82.3	.8	.7	1.5	4.9
25	15.0	26.2	19.6	74.7	0.0	.4	.4	6.2
26	15.6	23.3	18.2	82.7	0.0	6.1	6.1	3.0
27	14.8	22.4	17.2	85.3	0.0	.8	.8	2.1
28	14.4	24.8	18.5	79.3	0.0	0.0	0.0	6.5
29	15.5	23.4	18.2	81.3	0.0	2.9	2.9	1.5
30	14.6	21.8	17.6	88.7	2.1	1.1	3.2	.1
31	14.3	26.4	18.7	76.3	0.0	.7	.7	4.5
Total					19.7	75.0	94.7	157.5
Promedio :	14.9	25.3	19.2	76.3				

Estación : OSPIRMA
Año : 2002

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	24.9	17.7	81.7	.4	.2	.6	3.7
2	14.8	23.8	18.2	81.3	0.0	5.7	5.7	1.6
3	14.4	22.6	17.0	92.0	24.0	0.0	24.0	1.3
4	13.2	25.0	19.3	69.3	0.0	1.1	1.1	8.0
5	15.4	22.4	17.8	86.3	11.9	2.1	14.0	3.2
6	13.8	23.4	18.5	80.3	0.0	.7	.7	5.2
7	15.2	22.8	17.9	79.0	0.0	10.8	10.8	3.2
8	14.4	21.4	17.0	92.0	4.7	.3	5.0	.5
9	14.6	24.2	18.5	79.7	0.0	2.3	2.3	3.2
10	13.8	26.8	19.4	75.7	0.0	0.0	0.0	5.8
11	14.4	25.5	19.0	77.7	0.0	0.0	0.0	4.6
12	15.6	25.4	18.9	78.3	0.0	0.0	0.0	3.5
13	14.5	24.4	18.5	84.3	5.8	1.3	7.1	4.6
14	15.2	26.5	20.0	80.7	.1	0.0	.1	6.4
15	15.5	26.0	20.0	74.0	0.0	0.0	0.0	6.6
16	15.3	26.4	20.2	69.7	0.0	1.8	1.8	6.7
17	14.2	25.0	18.3	81.0	0.0	0.0	0.0	2.6
18	13.9	25.6	18.5	80.0	3.3	1.2	4.5	7.2
19	15.0	23.6	19.0	79.0	0.0	0.0	0.0	2.1
20	15.4	26.4	19.6	70.3	0.0	0.0	0.0	9.2
21	15.2	26.7	20.1	72.0	0.0	0.0	0.0	6.1
22	15.4	26.6	19.5	75.7	0.0	0.0	0.0	6.9
23	14.9	27.2	20.6	67.3	0.0	0.0	0.0	9.8
24	15.7	27.6	21.0	74.3	0.0	0.0	0.0	7.9
25	16.4	27.8	20.8	76.3	0.0	0.0	0.0	8.2
26	16.0	27.9	21.0	73.3	0.0	0.0	0.0	8.8
27	15.9	28.4	20.5	78.3	0.0	0.0	0.0	9.6
28	16.9	28.0	21.2	74.7	0.0	0.0	0.0	7.5
29	16.5	25.4	19.4	77.0	0.0	0.0	0.0	1.0
30	15.4	26.8	20.4	74.0	0.0	2.5	2.5	9.2
31								
Total :					50.2	30.0	80.2	164.2
Promedio :	15.0	25.5	19.3	77.8				

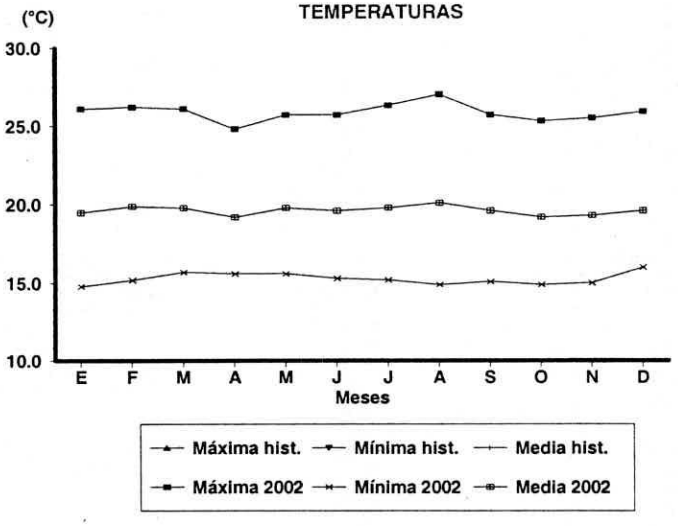
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	27.5	21.2	74.7	0.0	0.0	0.0	9.0
2	15.4	28.4	21.1	70.7	0.0	0.0	0.0	7.8
3	15.5	27.8	21.1	73.3	0.0	0.0	0.0	4.5
4	15.0	26.0	19.6	75.3	0.0	0.0	0.0	4.3
5	16.4	25.6	20.3	73.0	0.0	.2	.2	4.5
6	15.7	26.5	19.0	77.3	23.2	0.0	23.2	4.4
7	15.4	26.9	19.4	73.3	.8	0.0	.8	5.8
8	16.8	22.5	18.6	77.7	6.7	.1	6.8	.2
9	15.0	26.0	18.9	79.3	0.0	0.0	0.0	6.5
10	16.6	26.8	19.8	77.7	0.0	0.0	0.0	4.7
11	17.0	25.8	20.0	78.0	.5	0.0	.5	3.1
12	16.4	28.3	20.7	70.3	0.0	0.0	0.0	5.4
13	17.2	27.5	20.4	73.0	0.0	4.1	4.1	4.5
14	17.0	25.0	19.6	78.0	1.0	3.4	4.4	.6
15	16.5	18.6	17.3	94.0	18.3	7.3	25.6	0.0
16	15.5	22.2	17.9	85.7	1.4	24.0	25.4	.1
17	15.8	21.6	17.7	86.7	.9	6.6	7.5	.3
18	15.5	25.9	18.7	79.0	4.9	0.0	4.9	3.8
19	15.9	26.4	19.4	73.0	4.3	0.0	4.3	6.7
20	15.7	25.8	19.0	78.7	.4	8.5	8.9	2.2
21	15.0	25.0	19.0	77.7	0.0	0.0	0.0	6.0
22	15.6	26.4	20.2	69.7	0.0	0.0	0.0	7.8
23	16.0	26.0	19.7	74.7	0.0	0.0	0.0	8.4
24	15.6	26.8	20.0	74.0	0.0	0.0	0.0	5.3
25	16.0	27.0	20.2	75.7	1.2	0.0	1.2	6.0
26	15.0	26.4	19.6	72.0	0.0	1.7	1.7	9.6
27	16.6	26.9	19.6	78.0	0.0	0.0	0.0	6.3
28	15.6	25.9	19.6	73.3	0.0	0.0	0.0	8.0
29	17.0	25.6	19.1	79.3	1.8	0.0	1.8	3.7
30	16.6	27.4	20.4	71.7	0.0	0.0	0.0	4.4
31	17.4	27.8	20.7	71.3	0.0	0.0		5.8
Total :					65.4	55.9	121.3	149.7
Promedio :	16.0	25.9	19.6	76.3				

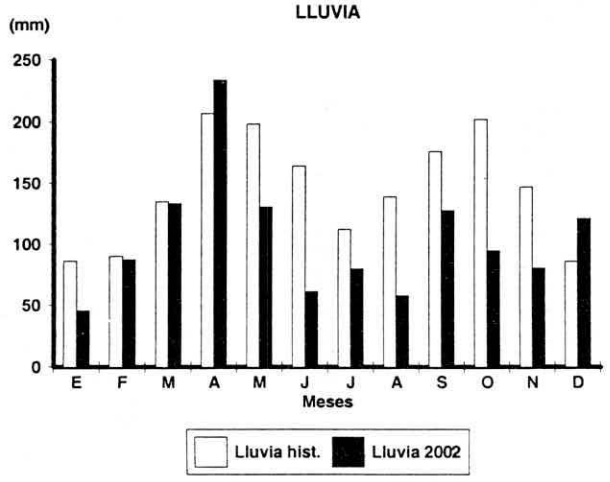
Estación : OSPIRMA
Año : 2002

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 20 ' N
Longitud : 75 ° 49 ' W
Altitud : 1680 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	14.8	26.1	19.5	29.4	13.2	74.7	45.5	10	213.8
Febrero	15.2	26.2	19.9	29.6	13.4	72.8	87.2	15	163.0
Marzo	15.7	26.1	19.8	29.2	14.2	75.7	133.2	19	167.9
Abril	15.6	24.8	19.2	27.8	14.0	79.8	233.4	25	122.7
Mayo	15.6	25.7	19.8	28.9	12.4	74.8	130.4	15	145.7
Junio	15.3	25.7	19.6	28.2	14.0	74.5	61.0	12	171.3
Julio	15.2	26.3	19.8	28.4	13.4	72.4	79.5	13	203.1
Agosto	14.9	27.0	20.1	29.2	13.0	70.0	57.7	10	208.5
Septiembre	15.1	25.7	19.6	27.8	13.6	74.5	127.5	15	176.1
Octubre	14.9	25.3	19.2	27.8	13.4	76.3	94.7	19	157.5
Noviembre	15.0	25.5	19.3	28.4	13.2	77.8	80.2	14	164.2
Diciembre	16.0	25.9	19.6	28.4	15.0	76.3	121.3	16	149.7
Promedio :	15.3	25.9	19.6			75.0			
Absoluta :				29.6	12.4				
Total :							1251.6	183	2043.5





Estación : INGENIO RISARALDA
Año : 2002

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 908 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.8	31.9	24.6				.1	
2	20.3	32.3	24.9				.2	
3	20.5	30.2	24.0				1.2	
4	20.0	32.0	24.3				0.0	
5	17.2	31.2	23.7				0.0	
6	19.3	31.8	24.5				0.0	
7	20.0	30.1	23.1				.6	
8	18.9	28.9	23.2				1.2	
9	19.7	30.1	23.4				3.3	
10	18.0	31.1	23.7				0.0	
11	18.7	32.7	23.9				.5	
12	18.1	31.1	23.2				0.0	
13	18.4	29.4	22.8				.4	
14	19.3	31.7	23.5				.3	
15	18.7	32.1	24.0				0.0	
16	19.4	31.6	24.5				.8	
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
Total :								
Promedio :								

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.1	33.3	24.6				0.0	
2	19.9	33.1	25.5				0.0	
3	19.8	28.5	22.5				14.7	
4	19.8	26.6	22.2				0.0	
5	19.0	32.7	23.8				0.0	
6	17.0	32.4	23.3				0.0	
7	15.7	31.6	22.9				0.0	
8	17.3	30.8	23.1				0.0	
9	19.5	31.6	23.5				6.9	
10	19.0	32.7	24.0				4.1	
11	20.5	32.6	24.0				1.8	
12	20.0	31.9	24.1				17.6	
13	19.7	32.3	24.7				0.0	
14	20.0	32.0	26.0				0.0	
15	20.7	32.5	27.0				0.0	
16	18.5	33.6	24.8				0.0	
17	19.7	33.2	25.4				0.0	
18	20.5	33.4	25.5				0.0	
19	20.0	31.0	23.7				39.5	
20	18.1	33.5	24.7				0.0	
21	20.6	32.7	24.9				0.0	
22	20.3	31.0	23.9				1.5	
23	20.1	32.6	24.8				0.0	
24	18.0	34.5	25.3				0.0	
25	19.0	33.6	25.0				0.0	
26	19.0	33.0	24.0				0.0	
27	19.5	32.4	23.6				.6	
28	20.0	33.0	25.0				0.0	
29								
30								
31								
Total :							86.7	
Promedio :	19.3	32.2	24.4					

Estación : INGENIO RISARALDA
Año : 2002

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 908 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.4	33.8	25.6				4.9	
2	18.4	33.3	25.3				0.0	
3	19.6	33.5	25.4				0.0	
4	20.0	32.9	25.1				4.9	
5	19.2	33.3	23.2				.3	
6	19.4	32.5	24.3				.1	
7	20.3	30.7	23.5				.1	
8	18.8	31.8	24.4				0.0	
9	19.8	31.3	24.5				0.0	
10	17.1	31.6	23.4				0.0	
11	18.1	32.6	24.1				.6	
12	20.3	30.8	23.9				.1	
13	19.0	32.5	24.7				0.0	
14	19.3	29.4	23.1				11.4	
15	19.3	31.2	22.7				1.3	
16	19.4	33.1	24.5				6.0	
17	19.7	25.8	22.0				30.4	
18	19.2	31.8	24.0				0.0	
19	19.0	31.0	24.0				0.0	
20	19.0	31.0	24.0				25.0	
21	19.0	31.0	24.0				0.0	
22	18.0	28.7	23.0				3.5	
23	18.0	30.0	25.0				0.0	
24	19.2	33.2	24.5				47.1	
25	19.4	32.5	24.3				.1	
26	19.8	33.4	24.9				0.0	
27	18.5	30.6	22.7				1.5	
28	19.5	30.4	23.2				0.0	
29	16.8	29.4	22.2				0.0	
30	18.5	33.8	24.7				0.0	
31	21.2	34.3	26.2				0.0	
Total :							137.3	
Promedio :	19.1	31.7	24.1					

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	21.0	32.8	25.3				10.9	
2	19.0	28.8	22.7				12.3	
3	19.0	28.8	22.7				2.3	
4	20.0	28.6	23.6				0.0	
5	19.2	31.7	22.7				15.8	
6	17.8	31.1	23.6				.1	
7	18.9	25.2	21.1				19.5	
8	18.7	29.3	22.7				31.6	
9	19.0	28.8	22.7				44.5	
10	19.0	28.8	22.7				0.0	
11	19.0	28.8	22.7				0.0	
12	19.0	28.8	22.7				2.5	
13	19.0	28.8	22.7				0.0	
14	19.0	28.8	22.7				0.0	
15	19.0	28.8	22.7				0.0	
16	19.0	28.8	22.7				0.0	
17	19.0	28.8	22.7				0.0	
18	19.0	28.8	22.7				7.5	
19	19.0	28.8	22.7				32.0	
20	19.0	28.8	22.7				5.0	
21	19.0	28.8	22.7				3.0	
22	19.0	28.8	22.7				0.0	
23	19.0	28.8	22.7				23.1	
24	19.0	28.8	22.7				34.0	
25	19.0	28.8	22.7				50.0	
26	18.7	26.8	21.8				.2	
27	18.9	23.3	20.7				4.6	
28	17.6	29.7	22.9				0.0	
29	19.6	29.0	22.5				16.1	
30	19.0	28.8	22.7				11.0	
31								
Total :							326.0	
Promedio :	19.0	28.8	22.7					

Estación : INGENIO RISARALDA
Año : 2002

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 908 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.3	29.6	23.5				0.0	
2	19.3	29.6	23.5				0.0	
3	19.3	29.6	23.5				22.0	
4	21.5	32.7	27.6				0.0	
5	19.7	33.9	25.6				0.0	
6	20.7	32.1	25.5				.2	
7	20.2	31.6	24.8				1.9	
8	19.3	29.6	23.5				2.2	
9	19.3	29.6	23.5				0.0	
10	19.3	29.6	23.5				0.0	
11	19.3	29.6	23.5				0.0	
12	19.3	29.6	23.5				0.0	
13	19.3	29.6	23.5				0.0	
14	19.3	29.6	23.5				0.0	
15	19.3	29.6	23.5				0.0	
16	19.3	29.6	23.5				13.0	
17	19.3	29.6	23.5				28.3	
18	19.7	29.7	23.8				20.0	
19	20.2	29.4	23.8				1.0	
20	20.2	30.8	23.7				16.5	
21	20.1	26.3	22.3				25.5	
22	20.3	28.3	23.3				.2	
23	19.6	29.5	23.5				3.6	
24	18.9	29.3	23.2				0.0	
25	17.7	25.0	20.6				8.3	
26	17.2	28.1	21.1				.6	
27	17.5	30.9	23.1				0.0	
28	17.3	27.0	21.3				6.4	
29	18.7	29.7	22.9				0.0	
30	19.3	29.6	23.5				0.0	
31	19.3	29.6	23.5				0.0	
Total :							149.7	
Promedio :	19.3	29.6	23.5					

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.1	30.1	22.7				12.2	
2	19.5	29.9	22.6				3.9	
3	19.3	28.8	22.4				20.2	
4	19.1	29.1	21.9				0.0	
5	19.0	28.4	22.1				19.1	
6	18.6	28.0	22.4				10.9	
7	18.6	23.1	20.6				6.9	
8	17.8	30.2	22.6				4.7	
9	18.6	26.2	21.6				3.8	
10	17.4	29.1	22.4				0.0	
11	19.7	31.0	23.0				19.6	
12	19.2	32.0	23.6				.7	
13	19.2	28.6	22.7				9.7	
14	18.7	30.0	23.1				0.0	
15	18.1	30.5	22.7				0.0	
16	17.6	30.4	23.3				0.0	
17	19.2	29.7	23.5				.1	
18	19.3	30.8	24.1				0.0	
19	17.8	33.8	24.3				0.0	
20	18.2	31.7	24.1				0.0	
21	18.2	31.4	24.1				0.0	
22	19.0	32.3	24.8				0.0	
23	17.0	33.0	24.5				0.0	
24	18.4	31.4	24.2				0.0	
25	18.9	30.8	23.4				0.0	
26	16.9	33.0	23.8				0.0	
27	18.6	31.0	24.2				0.0	
28	19.3	32.1	24.4				.2	
29	19.4	31.1	23.9				.9	
30	19.1	34.2	25.4				0.0	
31								
Total :							112.9	
Promedio :	18.6	30.4	23.3					

Estación : INGENIO RISARALDA
Año : 2002

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 908 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	32.5	24.4				0.0	
2	17.8	32.6	24.4				0.0	
3	18.7	34.0	25.5				3.5	
4	20.4	32.6	24.8				5.4	
5	20.0	27.8	22.1				67.5	
6	19.2	26.6	22.0				3.8	
7	17.3	31.8	23.6				0.0	
8	19.1	33.5	25.2				.2	
9	20.2	32.7	25.1				0.0	
10	20.3	30.3	23.7				9.6	
11	19.5	30.7	23.7				37.6	
12	19.6	31.7	24.1				.2	
13	17.3	34.7	24.6				0.0	
14	18.3	32.5	24.4				.9	
15	19.5	30.1	24.0				0.0	
16	19.7	30.5	24.2				6.0	
17	19.7	31.3	24.0				5.3	
18	19.4	29.2	23.0				4.9	
19	19.6	29.8	23.6				0.0	
20	18.3	29.6	22.7				46.4	
21	19.2	29.5	23.2				22.5	
22	19.3	31.5	24.2				0.0	
23	19.3	29.1	23.1				6.3	
24	19.2	31.4	24.1				0.0	
25	17.7	28.7	22.5				0.0	
26	16.4	33.6	23.6				0.0	
27	17.8	32.3	23.9				0.0	
28	17.9	31.5	23.4				0.0	
29	16.8	33.2	23.7				0.0	
30	15.4	33.5	23.3				0.0	
31	17.5	28.6	21.8				10.3	
Total :							230.4	
Promedio :	18.7	31.2	23.7					

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	32.3	22.9				.1	
2	17.3	30.2	23.2				0.0	
3	16.9	29.5	22.6				0.0	
4	16.1	31.1	22.9				0.0	
5	19.2	33.9	24.8				.2	
6	17.6	33.5	24.3				0.0	
7	17.3	31.5	23.9				0.0	
8	18.4	31.6	24.2				0.0	
9	19.7	31.3	23.8				0.0	
10	17.2	33.2	24.2				0.0	
11	16.8	33.3	23.9				0.0	
12	19.8	34.1	27.4				0.0	
13	17.2	32.5	24.2				0.0	
14	17.7	33.4	24.3				0.0	
15	17.7	34.4	25.4				0.0	
16	19.2	35.4	25.7				0.0	
17	17.1	34.5	25.0				0.0	
18	17.1	31.5	23.8				0.0	
19	17.6	29.9	23.0				0.0	
20	18.7	33.8	24.4				0.0	
21	18.5	34.7	25.1				0.0	
22	19.4	33.0	24.9				0.0	
23	18.8	32.5	24.2				0.0	
24	17.3	34.8	24.8				0.0	
25	20.0	33.7	25.1				.8	
26	19.9	30.8	23.8				0.0	
27	19.8	29.1	23.0				3.8	
28	18.6	31.2	23.1				0.0	
29	17.9	25.0	21.3				26.3	
30	17.0	31.6	23.1				0.0	
31	20.3	31.2	23.9				2.9	
Total :							34.1	
Promedio :	18.1	32.2	24.1					

Estación : INGENIO RISARALDA
Año : 2002

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 908 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.5	31.0	23.2				12.3	
2	19.1	29.8	23.0				10.3	
3	18.6	32.4	24.2				0.0	
4	19.8	33.0	24.7				2.5	
5	17.8	32.7	24.1				0.0	
6	18.8	32.1	24.4				0.0	
7	19.2	32.9	24.0				0.0	
8	17.8	33.6	24.7				0.0	
9	18.3	31.4	23.9				0.0	
10	19.5	29.9	23.9				0.0	
11	19.3	31.5	23.9				0.0	
12	17.6	33.1	23.0				27.1	
13	17.5	33.3	23.9				.6	
14	19.9	30.1	23.6				.6	
15	19.9	32.4	24.2				14.2	
16	19.1	31.2	24.0				0.0	
17	18.3	30.0	23.6				0.0	
18	19.4	27.6	22.4				16.6	
19	18.8	31.2	23.5				0.0	
20	19.2	33.6	24.2				0.0	
21	19.7	33.8	24.8				0.0	
22	18.1	33.3	24.0				0.0	
23	18.9	31.8	23.4				5.1	
24	18.5	30.7	23.5				.1	
25	18.8	30.4	22.6				62.8	
26	18.5	27.1	21.3				10.1	
27	19.5	31.9	23.5				3.4	
28	19.2	29.5	22.6				13.1	
29	17.8	32.3	23.7				4.0	
30	19.4	32.8	24.6				2.1	
31								
Total							184.9	
Promedio :	18.9	31.5	23.7					

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.9	32.6	25.1				0.0	
2	18.5	32.5	24.7				0.0	
3	18.3	33.5	24.0				0.0	
4	17.4	32.8	24.3				0.0	
5	19.0	31.1	24.0				0.0	
6	19.3	32.0	24.2				0.0	
7	20.0	29.3	23.2				.7	
8	17.8	31.2	23.3				.1	
9	18.6	32.8	24.6				.1	
10	20.7	33.4	24.9				4.1	
11	19.1	29.9	22.8				0.0	
12	17.9	30.9	22.8				0.0	
13	19.1	32.2	24.4				0.0	
14	18.0	32.3	24.2				0.0	
15	19.2	29.4	2.3				1.4	
16	19.7	31.4	24.3				3.6	
17	19.0	29.9	22.8				3.3	
18	19.2	29.1	22.4				17.6	
19	18.0	32.2	22.4				8.8	
20	18.3	29.9	22.1				1.2	
21	19.5	30.8	23.7				0.0	
22	19.2	26.3	21.8				13.3	
23	18.5	30.6	22.7				8.3	
24	19.6	29.6	22.4				9.7	
25	18.7	30.3	23.3				1.5	
26	19.9	28.4	22.1				9.4	
27	18.9	30.1	22.6				22.7	
28	18.9	30.1	22.6				13.1	
29	18.5	29.5	22.5				2.5	
30	19.1	27.0	21.6				15.1	
31	17.7	31.8	23.4				9.6	
Total							146.1	
Promedio :	18.9	30.7	22.6					

Estación : INGENIO RISARALDA
Año : 2002

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 55 ' N
Longitud : 75 ° 54 ' W
Altitud : 908 m

Noviembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	20.1	29.3	22.7				.5	
2	19.9	28.7	22.2				1.8	
3	18.6	25.6	21.2				10.3	
4	18.1	29.0	22.4				5.3	
5	18.8	28.7	22.3				11.0	
6	18.4	28.3	22.8				4.7	
7	19.7	26.4	22.1				16.6	
8	19.0	29.6	22.2				12.8	
9	19.4	29.7	22.7				19.2	
10	19.4	29.7	22.8				0.0	
11	18.1	30.0	23.1				0.0	
12	19.3	29.8	22.9				6.6	
13	20.0	30.0	22.8				2.5	
14	19.7	29.4	23.5				3.6	
15	19.5	30.5	23.6				9.6	
16	18.1	30.8	24.0				0.0	
17	19.7	29.7	23.7				.9	
18	19.8	29.9	23.1				6.8	
19	18.9	28.6	23.1				3.9	
20	18.0	31.4	23.6				0.0	
21	18.4	30.3	23.6				0.0	
22	20.0	31.2	24.3				.1	
23	18.5	30.8	23.6				1.4	
24	18.9	31.2	23.7				.2	
25	19.7	31.7	24.6				0.0	
26	20.1	31.0	24.5				0.0	
27	19.3	33.3	25.1				0.0	
28	21.1	32.9	25.3				3.5	
29	20.0	29.6	23.1				1.2	
30	19.9	32.5	24.6				.5	
31								
Total :							123.0	
Promedio :	19.3	30.0	23.3					

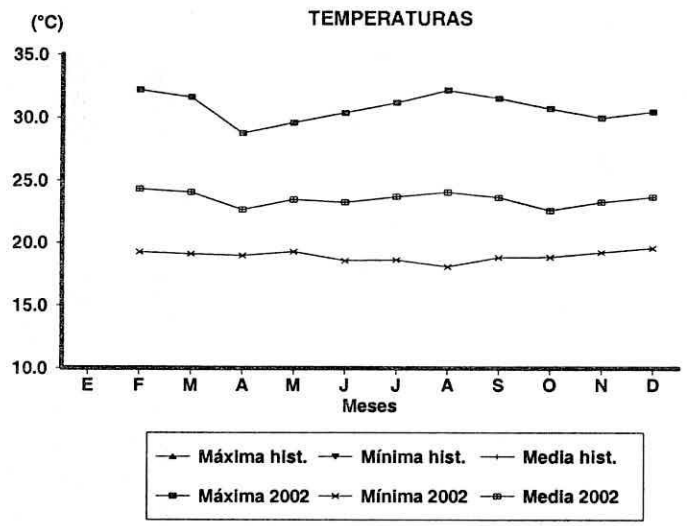
Diciembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	32.4	24.5				10.8	
2	20.0	34.3	25.1				0.0	
3	20.2	31.2	24.7				0.0	
4	19.1	31.1	24.5				0.0	
5	20.2	31.2	23.9				0.0	
6	19.9	31.1	23.5				3.2	
7	19.7	30.5	23.7				6.7	
8	20.2	27.2	22.3				4.6	
9	19.5	31.0	23.7				2.5	
10	18.7	31.9	24.2				0.0	
11	19.9	30.8	23.8				24.4	
12	18.9	33.4	24.5				0.0	
13	20.4	32.0	24.9				.3	
14	21.2	28.9	23.3				4.2	
15	19.5	22.6	20.9				44.9	
16	19.1	27.1	21.9				10.7	
17	19.5	27.0	22.1				.6	
18	19.5	27.8	22.0				1.4	
19	18.9	30.1	23.3				0.0	
20	19.2	29.8	23.1				0.0	
21	20.0	30.2	23.8				0.0	
22	20.2	31.5	24.4				0.0	
23	19.0	31.3	24.2				0.0	
24	18.9	29.0	23.3				0.0	
25	19.6	32.7	24.5				0.0	
26	18.3	32.0	24.2				0.0	
27	19.5	29.0	23.3				0.0	
28	19.6	31.2	24.4				0.0	
29	20.8	32.2	24.4				1.7	
30	20.4	32.6	24.6				0.0	
31	19.5	31.3	24.1				0.0	
Total :							116.0	
Promedio :	19.6	30.5	23.7					

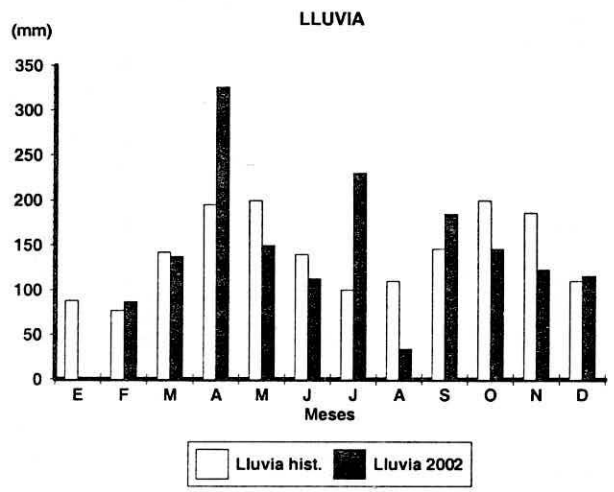
Estación : INGENIO RISARALDA
Año : 2002

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4° 55 ' N
Longitud : 75° 54 ' W
Altitud : 908 m

MES	TEMPERATURA °C Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	PRECIPITACIÓN Total mm.	Días Lluvia	Brillo Sol. (h)
Enero									
Febrero	19.3	32.2	24.4	34.5	15.7		86.7	8	
Marzo	19.1	31.7	24.1	34.3	16.8		137.3	12	
Abril	19.0	28.8	22.7	32.8	17.6		326.0	20	
Mayo	19.3	29.6	23.5	33.9	17.2		149.7	14	
Junio	18.6	30.4	23.3	34.2	16.9		112.9	14	
Julio	18.7	31.2	23.7	34.7	15.4		230.4	15	
Agosto	18.1	32.2	24.1	35.4	15.5		34.1	6	
Septiembre	18.9	31.5	23.7	33.8	17.5		184.9	15	
Octubre	18.9	30.7	22.6	33.5	17.4		146.1	19	
Noviembre	19.3	30.0	23.3	33.3	18.0		123.0	21	
Diciembre	19.6	30.5	23.7	34.3	18.3		116.0	13	
Promedio :	19.0	30.8	23.5						
Absoluta :				35.4	15.4				
Total :							1647.1	157	





Estación : EL JAZMIN
Año : 2002

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 ' N
Longitud : 75 ° 38 ' W
Altitud : 1600 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	26.5	20.5	80.0	0.0	0.0	0.0	9.8
2	15.0	27.6	19.8	80.3	0.0	.1	.1	6.6
3	17.0	24.0	19.5	92.0	0.0	0.0	0.0	2.4
4	15.5	27.4	19.8	75.7	0.0	0.0	0.0	9.1
5	15.2	27.0	20.8	81.3	0.0	0.0	0.0	5.5
6	16.7	26.3	21.4	80.7	0.0	9.3	9.3	5.2
7	17.0	24.3	19.6	86.3	4.3	7.8	12.1	2.9
8	14.6	24.1	19.4	85.3	0.0	.1	.1	4.0
9	16.0	25.5	19.2	85.3	.2	0.0	.2	4.1
10	15.1	27.2	20.2	83.0	0.0	0.0	0.0	8.2
11	15.0	26.2	20.0	79.3	0.0	0.0	0.0	8.7
12	15.8	26.0	20.3	80.0	0.0	14.8	14.8	5.6
13	16.2	25.0	19.0	89.3	11.4	1.9	13.3	1.6
14	16.0	22.1	18.4	89.3	1.9	.1	2.0	2.2
15	14.0	25.5	20.2	80.0	0.0	0.0	0.0	8.0
16	15.5	25.4	20.2	82.0	0.0	0.0	0.0	3.8
17	15.9	26.3	20.6	79.3	0.0	0.0	0.0	7.0
18	15.2	27.0	20.2	78.3	0.0	4.5	4.5	8.0
19	16.0	26.6	20.7	78.3	0.0	0.0	0.0	6.3
20	16.5	25.7	19.4	83.7	0.0	0.0	0.0	4.0
21	15.2	27.6	20.2	81.3	0.0	0.0	0.0	7.8
22	15.8	27.0	19.6	83.0	.2	0.0	.2	7.0
23	14.5	27.5	20.2	80.0	0.0	.2	.2	8.0
24	17.0	25.0	20.5	85.3	0.0	0.0	0.0	1.4
25	17.2	24.5	20.8	83.3	0.0	1.5	1.5	2.8
26	16.8	26.5	21.3	81.3	0.0	6.3	6.3	5.9
27	16.0	28.9	21.5	72.0	0.0	0.0	0.0	8.3
28	15.4	27.9	21.4	70.7	0.0	0.0	0.0	8.9
29	15.9	27.3	20.0	83.3	.2	6.3	6.5	6.8
30	17.0	23.7	19.0	91.3	.5	0.0	.5	.9
31	15.8	23.3	19.6	88.0	0.0	.1	.1	.7
Total :					18.7	53.0	71.7	171.5
Promedio :	15.8	26.0	20.1	82.2				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.9	21.0	86.0	0.0	.3	.3	4.0
2	17.2	27.5	21.8	83.3	0.0	1.2	1.2	6.0
3	17.5	22.8	19.0	90.3	.9	.8	1.7	0.0
4	16.0	21.8	18.4	93.3	.6	0.0	.6	0.0
5	14.9	27.3	21.0	70.0	0.0	0.0	0.0	9.3
6	15.0	26.6	21.2	73.0	0.0	0.0	0.0	6.0
7	15.5	26.5	20.7	77.3	0.0	.2	.2	6.6
8	16.5	23.7	18.1	91.3	2.6	.7	3.3	1.5
9	16.2	24.0	19.4	86.7	1.0	0.0	1.0	2.9
10	15.3	26.5	19.5	83.7	0.0	17.3	17.3	5.4
11	17.0	27.0	20.4	83.7	2.5	12.3	14.8	5.5
12	16.4	26.3	19.9	82.3	.8	1.1	1.9	5.4
13	16.6	26.2	20.9	82.7	0.0	5.2	5.2	7.8
14	17.0	27.0	20.2	80.3	0.0	0.0	0.0	4.9
15	14.5	27.0	20.7	78.7	0.0	0.0	0.0	6.3
16	17.0	26.7	21.6	78.3	0.0	0.0	0.0	6.4
17	16.6	27.8	22.1	76.3	0.0	0.0	0.0	7.2
18	17.5	27.3	21.9	76.7	0.0	13.6	13.6	6.9
19	17.0	24.8	19.8	86.0	1.3	0.0	1.3	1.4
20	15.5	27.7	20.5	73.7	0.0	0.0	0.0	7.1
21	17.5	27.1	20.3	80.7	0.0	0.0	0.0	3.1
22	17.0	25.1	19.2	90.0	0.0	0.0	0.0	.6
23	14.5	26.0	20.4	79.0	0.0	0.0	0.0	5.5
24	14.6	29.2	21.7	69.7	0.0	0.0	0.0	9.6
25	17.2	27.7	21.2	79.3	0.0	0.0	0.0	6.0
26	15.6	25.4	19.4	84.3	1.8	0.0	1.8	3.6
27	15.8	24.2	19.3	89.0	.6	24.5	25.1	1.6
28	15.6	26.3	20.8	73.3	0.0	.5	.5	5.2
29								
30								
31								
Total :					12.1	77.7	89.8	135.8
Promedio :	16.2	26.2	20.4	81.4				

Estación : EL JAZMIN
Año : 2002

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 ' N
Longitud : 75 ° 38 ' W
Altitud : 1600 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	29.6	22.1	63.3	0.0	0.0	0.0	8.2
2	17.5	27.0	21.7	71.7	0.0	0.0	0.0	9.0
3	16.5	27.5	20.9	68.0	0.0	0.0	0.0	7.0
4	17.5	26.5	20.7	71.0	0.0	1.3	1.3	4.6
5	15.5	27.6	20.4	67.3	0.0	0.0	0.0	6.8
6	16.5	26.0	20.0	72.0	.6	0.0	.6	2.9
7	15.5	28.0	20.8	69.3	0.0	0.0	0.0	6.2
8	16.1	28.2	21.0	70.3	0.0	0.0	0.0	6.5
9	16.8	27.0	21.2	70.0	0.0	0.0	0.0	4.3
10	17.0	28.7	21.6	62.3	0.0	0.0	0.0	7.2
11	16.0	26.7	20.3	75.3	.1	17.9	18.0	5.9
12	16.7	25.5	19.4	76.7	0.0	0.0	0.0	1.8
13	15.5	27.0	21.2	70.7	0.0	51.0	51.0	4.1
14	15.1	24.5	18.5	84.0	7.4	0.0	7.4	3.7
15	15.5	23.3	18.6	83.3	1.2	0.0	1.2	1.2
16	15.1	25.5	19.2	83.0	.3	54.9	55.2	3.0
17	16.0	22.0	18.1	90.0	0.0	0.0	0.0	0.0
18	16.2	24.0	19.2	78.0	0.0	6.7	6.7	1.8
19	16.3	20.0	17.6	88.3	2.9	0.0	2.9	0.0
20	15.5	24.5	19.0	78.3	3.1	19.5	22.6	2.4
21	16.2	20.2	17.5	88.7	.2	0.0	.2	0.0
22	15.0	24.5	19.1	75.7	6.2	0.0	6.2	4.0
23	15.2	22.5	18.5	81.0	.2	0.0	.2	.5
24	15.0	25.5	20.6	70.0	0.0	21.8	21.8	3.2
25	16.0	27.0	20.2	75.7	.4	0.0	.4	5.0
26	16.5	27.5	20.1	78.3	7.0	0.0	7.0	5.6
27	17.0	26.5	19.3	79.0	12.0	0.0	12.0	3.1
28	14.5	26.0	18.9	77.0	4.6	0.0	4.6	5.4
29	15.2	23.8	18.6	82.7	0.0	0.0	0.0	2.8
30	14.5	28.6	20.6	69.7	0.0	0.0	0.0	10.4
31	16.8	29.2	22.0	72.7	0.0	.1	.1	7.9
Total :					46.2	173.2	219.4	134.5
Promedio :	16.0	25.8	19.9	75.6				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	26.9	21.2	79.0	14.6	17.0	31.6	3.2
2	16.5	21.0	18.7	85.7	1.1	0.0	1.1	0.0
3	16.0	26.7	20.8	75.7	0.0	0.0	0.0	4.0
4	16.9	25.0	20.8	84.3	.1	0.0	.1	2.3
5	16.5	25.5	18.4	83.3	14.9	0.0	14.9	4.2
6	14.8	26.5	19.2	75.3	16.0	0.0	16.0	5.3
7	15.5	21.8	17.4	93.3	4.7	12.0	16.7	.5
8	15.5	24.0	18.6	82.0	3.9	15.7	19.6	3.0
9	14.5	25.0	19.4	78.0	0.0	22.8	22.8	1.6
10	14.0	23.7	18.2	77.7	0.0	0.0	0.0	1.9
11	16.0	25.6	19.4	77.0	8.2	1.2	9.4	3.4
12	15.8	26.5	20.1	75.3	3.0	10.0	13.0	6.2
13	16.5	24.5	19.6	74.0	0.0	0.0	0.0	3.1
14	16.4	25.8	19.9	73.3	.2	.3	.5	4.8
15	17.0	27.5	20.5	75.3	0.0	.7	.7	5.2
16	15.5	26.0	20.1	73.0	0.0	0.0	0.0	5.3
17	17.3	26.5	19.4	89.0	6.4	0.0	6.4	1.8
18	16.5	22.0	18.1	88.7	6.6	0.0	6.6	0.0
19	14.5	27.0	18.9	75.3	2.6	13.6	16.2	3.7
20	16.8	24.0	19.8	82.0	9.1	24.8	33.9	1.1
21	17.0	25.1	20.5	79.7	0.0	0.0	0.0	1.8
22	16.1	27.5	20.8	75.7	5.0	15.3	20.3	7.3
23	17.0	26.5	21.2	75.0	.5	3.1	3.6	6.1
24	17.2	23.5	19.0	89.3	1.5	47.8	49.3	.3
25	16.0	19.0	16.6	93.0	4.1	.9	5.0	0.0
26	16.1	22.5	18.8	84.3	1.4	3.5	4.9	.8
27	16.2	22.8	18.6	83.3	.7	0.0	.7	1.5
28	14.9	24.5	19.4	79.0	.3	17.6	17.9	2.7
29	15.0	26.0	20.8	79.7	0.0	0.0	0.0	6.3
30	16.0	22.3	18.3	88.0	7.9	0.0	7.9	.7
31								
Total :					112.8	206.3	319.1	88.1
Promedio :	16.1	24.7	19.4	80.8				

Estación : EL JAZMIN
Año : 2002

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 ' N
Longitud : 75 ° 38 ' W
Altitud : 1600 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	25.5	20.4	73.0	0.0	0.0	0.0	4.9
2	16.0	26.2	20.3	77.7	0.0	3.0	3.0	2.7
3	17.0	27.7	20.6	77.7	3.6	0.0	3.6	5.8
4	16.0	28.0	22.6	65.3	.2	0.0	.2	6.8
5	16.5	27.2	22.4	64.0	0.0	.6	.6	5.9
6	17.9	27.6	22.4	67.7	0.0	8.1	8.1	3.8
7	17.0	26.1	21.3	78.0	0.0	.5	.5	3.4
8	17.5	24.5	19.6	81.7	.3	0.0	.3	.5
9	15.2	29.4	21.4	72.7	0.0	0.0	0.0	7.3
10	17.0	27.5	21.4	76.0	0.0	2.6	2.6	5.6
11	17.8	25.5	20.9	78.0	0.0	0.0	0.0	2.9
12	15.6	29.0	22.2	65.7	0.0	0.0	0.0	8.0
13	17.5	26.0	21.4	74.0	0.0	0.0	0.0	.6
14	17.2	28.8	22.1	76.7	0.0	0.0	0.0	4.1
15	18.0	28.0	21.4	78.0	.1	.2	.3	2.3
16	18.5	26.2	21.3	80.3	.8	10.3	11.1	2.2
17	17.5	23.1	19.1	84.3	14.0	1.2	15.2	.5
18	16.4	27.1	20.3	85.7	2.9	17.9	20.8	2.5
19	15.8	25.3	19.6	78.3	0.0	9.6	9.6	2.0
20	17.2	25.6	20.1	84.3	6.4	9.1	15.5	3.2
21	16.5	22.1	19.6	84.7	0.0	5.0	5.0	0.0
22	16.2	22.9	19.7	79.3	2.5	0.0	2.5	.7
23	15.1	24.4	20.4	80.0	0.0	59.8	59.8	.7
24	15.0	26.0	20.1	77.7	0.0	1.9	1.9	5.2
25	14.0	21.2	17.0	83.0	27.2	5.0	32.2	0.0
26	13.5	23.0	18.2	75.7	0.0	0.0	0.0	4.0
27	16.0	25.0	20.8	73.3	2.2	43.0	45.2	2.8
28	13.0	23.8	18.1	75.3	0.0	1.0	1.0	2.8
29	14.5	27.5	20.2	67.7	0.0	0.0	0.0	4.1
30	16.0	25.0	19.4	76.0	.6	2.1	2.7	2.9
31	15.5	20.0	18.4	86.0	.6	0.0	.6	.1
Total :					61.4	180.9	242.3	98.3
Promedio :	16.2	25.7	20.4	76.7				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	25.5	20.3	74.3	.7	10.1	10.8	3.8
2	16.1	25.0	20.3	80.7	11.6	0.0	11.6	4.8
3	17.8	25.5	19.8	75.3	5.0	.1	5.1	2.0
4	16.9	21.6	18.4	89.0	8.9	1.2	10.1	.6
5	16.0	22.1	17.9	87.7	26.2	31.1	57.3	1.4
6	15.3	22.0	17.6	89.3	3.0	15.0	18.0	.7
7	14.6	23.5	17.8	85.0	.3	0.0	.3	1.9
8	15.7	25.0	18.3	79.0	12.4	8.3	20.7	4.1
9	16.0	22.5	18.3	83.0	0.0	0.0	0.0	1.4
10	15.0	24.0	19.7	80.0	0.0	2.7	2.7	2.8
11	16.0	25.1	20.0	79.7	.2	.4	.6	3.1
12	17.0	27.3	20.7	71.0	0.0	.2	.2	6.6
13	17.3	23.2	20.0	75.3	.2	0.0	.2	.6
14	15.9	26.0	20.2	74.3	0.0	0.0	0.0	7.4
15	15.8	25.9	21.1	72.3	0.0	0.0	0.0	4.6
16	15.5	27.0	20.5	70.0	.8	0.0	.8	4.6
17	17.1	24.0	19.8	85.3	0.0	0.0	0.0	1.4
18	16.8	26.2	21.0	71.7	0.0	0.0	0.0	4.0
19	15.8	29.1	22.3	63.3	0.0	0.0	0.0	10.1
20	16.8	27.5	21.5	69.0	0.0	0.0	0.0	4.4
21	17.0	28.4	21.9	75.0	0.0	0.0	0.0	3.5
22	16.5	26.0	21.6	70.7	0.0	0.0	0.0	3.1
23	15.5	26.5	20.4	71.3	0.0	0.0	0.0	5.6
24	16.0	25.0	20.6	72.3	0.0	0.0	0.0	3.9
25	15.8	24.5	19.3	82.3	.9	0.0	.9	4.5
26	15.0	27.8	21.5	72.7	0.0	0.0	0.0	7.6
27	16.5	27.5	21.3	72.3	0.0	0.0	0.0	5.1
28	17.5	26.6	20.6	79.0	1.5	.1	1.6	4.2
29	16.7	26.5	19.6	81.0	2.1	0.0	2.1	3.7
30	16.5	28.5	21.6	71.0	0.0	0.0	0.0	9.0
31								
Total :					73.8	69.2	143.0	120.5
Promedio :	16.2	25.5	20.1	76.8				

Estación : EL JAZMIN
Año : 2002

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 ' N
Longitud : 75 ° 38 ' W
Altitud : 1600 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	27.5	22.4	64.3	0.0	0.0	0.0	8.7
2	15.5	27.7	22.4	63.3	0.0	0.0	0.0	7.9
3	16.7	29.3	22.4	67.3	0.0	46.5	46.5	8.7
4	16.5	27.0	21.8	75.7	0.0	38.7	38.7	6.2
5	16.3	22.0	18.0	89.3	9.2	12.2	21.4	1.4
6	15.5	21.5	18.2	85.7	.1	0.0	.1	0.0
7	14.8	26.5	20.1	75.3	2.7	.6	3.3	6.7
8	17.2	26.8	21.2	73.3	0.0	0.0	0.0	4.7
9	16.5	27.0	22.0	74.0	0.0	0.0	0.0	7.5
10	17.2	26.2	19.5	85.7	11.8	0.0	11.8	.1
11	15.5	24.5	19.3	81.3	.5	29.0	29.5	3.7
12	15.3	27.4	20.2	75.7	0.0	0.0	0.0	9.2
13	16.0	28.3	21.6	62.7	0.0	0.0	0.0	9.6
14	15.0	26.5	21.1	72.3	0.0	0.0	0.0	7.5
15	17.4	26.0	20.6	75.7	.5	12.8	13.3	5.1
16	15.5	25.0	19.8	75.7	.7	8.7	9.4	3.9
17	16.5	25.5	20.0	81.3	6.5	.8	7.3	4.8
18	16.6	21.5	18.2	90.7	10.4	0.0	10.4	.9
19	16.0	24.0	19.4	79.3	.5	28.6	29.1	3.9
20	15.5	25.0	19.2	79.3	0.0	.2	.2	2.6
21	15.4	25.1	19.4	75.0	0.0	0.0	0.0	4.2
22	16.0	25.3	20.8	70.3	0.0	0.0	0.0	5.0
23	16.7	25.0	17.6	87.0	8.7	0.0	8.7	3.6
24	16.0	25.8	19.9	75.3	0.0	.3	.3	5.3
25	14.9	23.0	18.1	83.3	2.6	0.0	2.6	3.9
26	14.5	26.6	20.8	64.7	0.0	0.0	0.0	8.8
27	14.6	26.5	20.2	70.3	.7	0.0	.7	5.4
28	15.0	24.6	19.8	82.7	.2	0.0	.2	5.0
29	15.2	26.7	19.7	74.7	0.0	0.0	0.0	7.8
30	14.0	28.0	20.5	61.0	0.0	7.5	7.5	7.7
31	15.5	22.5	18.6	80.0	.7	0.0	.7	1.9
Total :					55.8	185.9	241.7	161.7
Promedio :	15.8	25.6	20.1	75.9				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.2	26.5	19.8	71.3	1.6	0.0	1.6	5.4
2	14.5	26.8	20.0	73.3	.1	0.0	.1	7.3
3	14.6	24.0	19.0	73.3	.1	0.0	.1	4.6
4	13.5	26.4	20.4	73.0	.1	.9	1.0	9.0
5	16.0	27.3	20.1	73.0	0.0	0.0	0.0	10.1
6	14.5	27.5	20.1	70.7	0.0	0.0	0.0	7.6
7	14.8	25.6	21.1	72.7	0.0	0.0	0.0	1.8
8	16.0	26.2	20.6	75.7	0.0	.2	.2	6.6
9	16.4	25.0	20.1	75.0	4.1	0.0	4.1	3.1
10	15.5	26.5	21.2	67.7	0.0	0.0	0.0	.5
11	15.0	26.0	20.4	65.0	0.0	0.0	0.0	7.7
12	14.2	28.2	21.0	64.3	0.0	0.0	0.0	8.3
13	15.5	27.0	21.2	72.7	0.0	0.0	0.0	6.4
14	16.3	28.0	21.5	69.3	0.0	0.0	0.0	8.2
15	16.5	27.5	22.6	63.7	0.0	0.0	0.0	6.1
16	17.5	29.0	21.7	62.0	0.0	0.0	0.0	6.9
17	15.0	28.8	21.7	59.0	0.0	0.0	0.0	8.5
18	14.5	26.3	20.2	68.0	0.0	0.0	0.0	4.7
19	15.0	25.0	19.8	77.0	.1	0.0	.1	2.9
20	16.5	27.5	22.0	71.0	0.0	0.0	0.0	6.1
21	17.1	28.5	22.2	68.7	0.0	0.0	0.0	7.5
22	17.0	28.0	21.4	71.7	0.0	0.0	0.0	5.8
23	16.0	26.5	19.8	81.7	10.7	0.0	10.7	3.0
24	14.6	28.3	21.0	73.3	0.0	10.2	10.2	7.8
25	15.5	27.5	20.4	78.7	0.0	.2	.2	5.8
26	17.0	24.6	19.8	82.7	13.0	4.4	17.4	2.6
27	16.5	21.7	18.4	89.7	2.6	.2	2.8	1.1
28	16.4	25.2	19.4	81.0	.3	60.0	60.3	4.0
29	15.5	20.5	17.8	87.3	6.8	0.0	6.8	0.0
30	14.1	26.0	18.8	73.0	0.0	0.0	0.0	5.7
31	16.7	25.5	20.1	75.0	0.0	0.0	0.0	3.4
Total :					39.5	76.1	115.6	168.5
Promedio :	15.5	26.4	20.4	72.9				

Estación : EL JAZMIN
Año : 2002

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 ' N
Longitud : 75 ° 38 ' W
Altitud : 1600 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	23.6	18.2	89.7	5.5	1.3	6.8	1.3
2	16.1	23.0	18.1	86.0	8.3	0.0	8.3	2.0
3	16.0	26.5	20.3	71.3	0.0	4.0	4.0	5.1
4	16.2	27.0	21.1	69.7	0.0	0.0	0.0	7.8
5	16.0	27.7	20.3	71.0	0.0	0.0	0.0	5.8
6	16.2	26.5	21.0	72.3	0.0	.4	.4	4.6
7	17.0	27.0	21.0	75.0	0.0	0.0	0.0	8.3
8	16.0	28.0	21.8	67.7	0.0	0.0	0.0	9.1
9	15.1	25.5	19.8	74.3	0.0	0.0	0.0	4.2
10	16.0	24.0	19.1	79.7	0.0	2.4	2.4	2.4
11	16.1	25.0	19.0	76.0	1.5	0.0	1.5	3.5
12	14.1	26.5	19.7	72.3	.3	.7	1.0	8.1
13	15.2	27.5	20.9	71.3	1.7	5.2	6.9	7.3
14	17.1	25.0	20.0	80.3	0.0	0.0	0.0	2.3
15	16.8	26.5	20.4	75.0	0.0	1.6	1.6	4.2
16	16.0	25.5	19.2	82.3	0.0	0.0	0.0	2.7
17	14.7	22.0	18.4	83.7	0.0	1.1	1.1	1.0
18	15.0	20.5	17.4	91.3	3.9	.9	4.8	0.0
19	14.8	24.3	18.0	80.7	.3	0.0	.3	1.3
20	15.1	26.0	20.0	73.3	0.0	2.1	2.1	7.6
21	16.3	26.5	20.4	71.0	0.0	0.0	0.0	6.7
22	14.6	25.6	19.7	71.3	.5	0.0	.5	4.7
23	15.4	25.8	20.5	76.7	3.8	6.6	10.4	5.6
24	15.0	25.6	19.3	78.3	0.0	.2	.2	3.5
25	15.7	25.0	19.0	79.3	1.0	.9	1.9	4.2
26	15.0	21.4	17.8	91.7	0.0	21.5	21.5	1.3
27	15.6	25.0	19.8	79.7	.4	20.0	20.4	4.3
28	14.5	21.6	18.6	81.0	0.0	0.0	0.0	.6
29	13.8	24.2	20.0	76.7	0.0	0.0	0.0	6.1
30	15.0	27.0	20.5	71.0	0.0	0.0	0.0	7.1
31								
Total :					27.2	68.9	96.1	132.7
Promedio :	15.6	25.2	19.6	77.3				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	27.0	21.0	75.0	.1	37.6	37.7	5.6
2	13.8	26.5	20.6	67.7	0.0	0.0	0.0	7.8
3	15.1	25.5	18.4	79.3	3.1	0.0	3.1	5.5
4	14.3	25.0	20.6	71.7	0.0	.5	.5	6.2
5	17.0	24.1	19.7	79.7	0.0	0.0	0.0	2.1
6	15.0	25.5	19.6	81.0	0.0	0.0	0.0	5.4
7	15.4	23.5	16.9	93.0	35.1	.2	35.3	1.9
8	14.2	25.9	19.7	75.7	0.0	0.0	0.0	5.0
9	14.8	25.4	21.1	69.0	0.0	12.1	12.1	6.9
10	16.6	27.3	21.2	75.3	0.0	7.2	7.2	6.6
11	15.2	23.5	18.3	83.3	20.6	0.0	20.6	2.8
12	14.4	24.0	18.4	78.0	2.2	0.0	2.2	2.0
13	15.5	25.5	20.4	71.7	0.0	0.0	0.0	3.8
14	14.8	26.5	19.4	79.0	6.1	0.0	6.1	7.4
15	15.8	25.1	19.5	81.3	.5	.2	.7	3.7
16	15.3	26.5	20.4	77.3	.6	22.2	22.8	5.1
17	15.5	22.5	17.6	85.3	1.1	7.0	8.1	1.2
18	15.4	22.4	18.2	83.0	5.6	0.0	5.6	.5
19	15.6	25.2	19.6	77.0	0.0	0.0	0.0	5.8
20	15.0	24.5	17.6	84.3	1.0	1.5	2.5	3.4
21	15.5	25.0	19.0	80.3	1.0	3.9	4.9	2.5
22	15.7	21.0	18.2	89.0	.3	0.0	.3	.4
23	15.2	23.4	18.6	80.0	1.6	11.9	13.5	3.1
24	15.4	24.0	18.2	86.7	10.0	1.0	11.0	4.3
25	15.0	23.9	19.0	78.0	0.0	1.6	1.6	5.8
26	16.0	23.0	18.1	90.0	3.0	14.3	17.3	.8
27	14.8	22.2	17.6	84.3	.8	0.0	.8	1.2
28	14.5	24.5	18.2	78.3	21.7	1.4	23.1	4.7
29	15.0	22.5	18.0	83.7	48.0	29.8	77.8	.9
30	14.6	21.5	17.5	91.3	.5	0.0	.5	1.3
31	15.5	25.8	20.4	70.3	1.5	6.7	8.2	8.6
Total :					164.4	159.1	323.5	122.3
Promedio :	15.2	24.5	19.1	80.0				

Estación : EL JAZMIN
Año : 2002

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4 ° 55 ' N
Longitud : 75 ° 38 ' W
Altitud : 1600 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	22.0	18.0	87.0	.9	12.1	13.0	1.7
2	15.5	21.0	17.6	90.0	3.9	29.6	33.5	.4
3	15.0	20.2	16.7	92.7	3.4	0.0	3.4	.4
4	13.5	25.0	17.8	78.7	0.0	6.8	6.8	6.9
5	15.0	23.5	17.8	86.7	4.4	13.9	18.3	4.0
6	14.5	24.0	19.2	73.7	0.0	2.8	2.8	4.8
7	16.0	21.5	17.2	87.3	1.9	22.4	24.3	.5
8	15.0	22.0	17.5	83.3	1.7	.2	1.9	.4
9	15.2	25.0	17.8	80.7	0.0	.9	.9	2.0
10	14.0	23.0	18.1	78.3	0.0	0.0	0.0	5.4
11	14.5	24.0	19.0	78.3	.4	0.0	.4	2.8
12	15.5	23.5	19.3	79.7	.3	0.0	.3	1.5
13	16.0	25.0	19.0	77.0	3.8	19.9	23.7	1.7
14	15.5	24.5	19.5	81.0	0.0	0.0	0.0	2.4
15	16.5	23.5	19.2	80.3	0.0	0.0	0.0	2.2
16	15.0	25.5	19.5	75.3	0.0	23.0	23.0	5.0
17	14.5	24.0	18.9	82.3	0.0	0.0	0.0	.9
18	16.0	23.0	19.0	78.0	0.0	8.7	8.7	4.2
19	15.5	23.5	18.9	78.7	0.0	0.0	0.0	3.5
20	15.0	26.3	19.9	73.3	0.0	0.0	0.0	6.8
21	15.8	24.5	20.0	78.0	0.0	5.7	5.7	3.5
22	16.5	25.0	20.4	76.0	0.0	1.4	1.4	4.7
23	15.5	26.3	19.8	75.0	0.0	.2	.2	7.6
24	16.5	25.7	20.5	74.7	0.0	0.0	0.0	6.4
25	16.0	26.5	21.4	73.0	0.0	0.0	0.0	5.6
26	16.5	25.2	20.6	79.3	0.0	7.3	7.3	2.4
27	16.3	27.5	21.5	74.7	0.0	1.8	1.8	8.0
28	18.0	27.0	21.5	76.3	0.0	3.4	3.4	5.1
29	17.2	22.5	18.8	89.7	8.4	0.0	8.4	.5
30	16.0	26.4	20.0	73.3	0.0	1.3	1.3	6.7
31								
Total :					29.1	161.4	190.5	108.0
Promedio :	15.6	24.2	19.1	79.7				

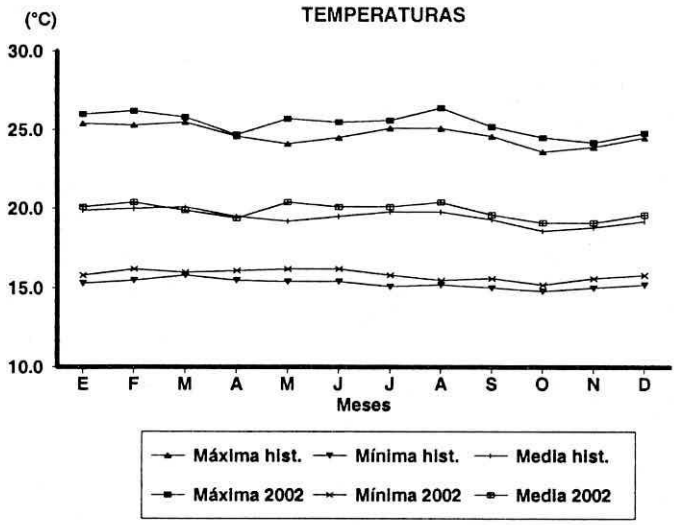
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	27.5	20.7	75.3	0.0	0.0	0.0	7.8
2	16.2	27.5	21.2	76.0	0.0	0.0	0.0	7.5
3	16.4	24.2	19.2	80.0	.5	0.0	.5	1.8
4	14.5	24.6	18.3	85.0	.3	0.0	.3	3.6
5	15.0	23.6	19.2	84.7	0.0	1.0	1.0	2.1
6	15.8	24.8	19.2	84.0	0.0	0.0	0.0	2.6
7	15.5	24.5	19.4	81.0	1.3	0.0	1.3	1.5
8	16.5	24.0	18.8	85.3	9.2	0.0	9.2	2.0
9	16.4	25.5	20.3	79.0	0.0	0.0	0.0	5.7
10	15.5	27.5	20.9	74.0	0.0	3.0	3.0	8.5
11	17.0	24.2	19.8	85.7	0.0	0.0	0.0	1.6
12	16.4	26.0	20.8	73.0	0.0	0.0	0.0	5.6
13	17.5	27.0	21.2	78.3	.1	3.3	3.4	4.6
14	16.8	22.0	18.9	91.0	29.1	36.3	65.4	0.0
15	15.0	18.5	16.4	95.0	13.0	3.5	16.5	0.0
16	15.2	21.0	17.8	86.0	17.8	3.7	21.5	.1
17	15.0	21.7	16.9	91.3	5.8	11.7	17.5	.5
18	15.4	22.5	19.0	82.3	0.0	0.0	0.0	1.3
19	15.6	25.6	19.5	80.3	0.0	0.0	0.0	4.7
20	15.5	25.0	18.8	80.3	1.7	0.0	1.7	1.7
21	15.2	23.8	19.6	76.3	0.0	0.0	0.0	2.6
22	16.5	24.4	20.2	71.7	0.0	0.0	0.0	2.3
23	15.1	26.5	19.8	75.7	0.0	0.0	0.0	4.6
24	14.5	24.6	20.0	77.0	0.0	0.0	0.0	2.3
25	15.5	26.4	19.8	78.0	0.0	0.0	0.0	5.1
26	14.8	26.5	20.1	70.7	0.0	0.0	0.0	7.2
27	16.0	25.5	19.0	84.0	0.0	0.0	0.0	4.9
28	16.0	26.3	20.3	77.3	0.0	10.1	10.1	5.3
29	15.8	26.0	19.6	81.0	.7	0.0	.7	5.4
30	16.0	26.5	20.8	75.0	0.0	0.0	0.0	4.7
31	16.5	26.0	21.0	78.7	0.0	0.0	0.0	2.3
Total :					79.5	72.6	152.1	109.9
Promedio :	15.8	24.8	19.6	80.4				

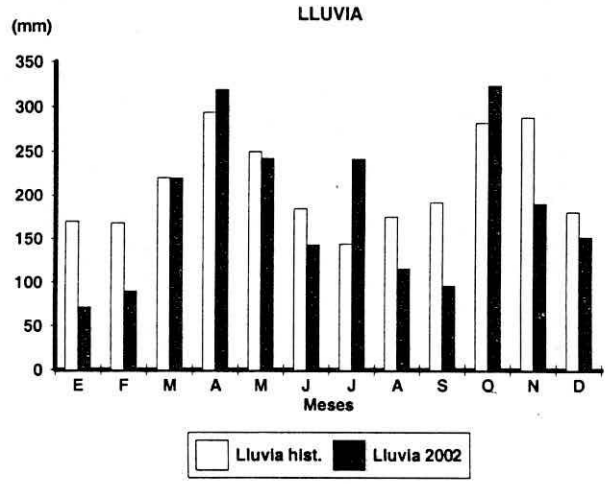
Estación : EL JAZMIN
Año : 2002

Dpto. : RISARALDA
Mpio. : SANTA ROSA DE CABAL

Latitud : 4° 55 ' N
Longitud : 75° 38 ' W
Altitud : 1600 m

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	15.8	26.0	20.1	28.9	14.0	82.2	71.7	16	171.5
Febrero	16.2	26.2	20.4	29.2	14.5	81.4	89.8	16	135.8
Marzo	16.0	25.8	19.9	29.6	14.5	75.6	219.4	19	134.5
Abril	16.1	24.7	19.4	27.5	14.0	80.8	319.1	24	88.1
Mayo	16.2	25.7	20.4	29.4	13.0	76.7	242.3	23	98.3
Junio	16.2	25.5	20.1	29.1	14.6	76.8	143.0	16	120.5
Julio	15.8	25.6	20.1	29.3	14.0	75.9	241.7	20	161.7
Agosto	15.5	26.4	20.4	29.0	13.2	72.9	115.6	14	168.5
Septiembre	15.6	25.2	19.6	28.0	13.8	77.3	96.1	19	132.7
Octubre	15.2	24.5	19.1	27.3	13.8	80.0	323.5	25	122.3
Noviembre	15.6	24.2	19.1	27.5	13.5	79.7	190.5	22	108.0
Diciembre	15.8	24.8	19.6	27.5	14.5	80.4	152.1	14	109.9
Promedio :	15.8	25.4	19.9			78.3			
Absoluta :				29.6	13.0				
Total :							2204.8	228	1551.8





Estación : EL PILAMO
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 52 ' N
Longitud : 75 ° 48 ' W
Altitud : 1070 m

Enero	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.4	30.4	23.8	71.7	0.0	3.9	3.9	8.6
2	17.6	30.2	23.8	70.3	0.0	0.0	0.0	8.3
3	19.2	29.0	23.2	70.3	0.0	0.0	0.0	6.2
4	18.6	30.6	23.4	69.0	0.0	0.0	0.0	8.8
5	15.8	30.8	22.3	72.7	0.0	0.0	0.0	9.2
6	18.0	30.2	23.6	70.0	0.0	0.0	0.0	9.2
7	19.8	28.0	22.7	72.7	3.2	5.5	8.7	4.7
8	17.0	28.0	21.7	77.3	0.0	0.0	0.0	9.0
9	18.8	28.6	23.0	71.0	0.0	0.0	0.0	6.1
10	16.8	29.4	22.0	72.3	0.0	0.0	0.0	8.4
11	18.4	30.2	22.6	70.7	0.0	0.0	0.0	8.0
12	17.2	30.0	23.0	69.7	0.0	0.0	0.0	8.0
13	17.8	28.4	22.2	75.7	3.9	0.0	3.9	3.8
14	18.8	29.2	22.2	75.0	0.0	0.0	0.0	5.0
15	16.6	29.4	23.0	72.7	0.0	0.0	0.0	7.5
16	18.2	30.6	23.6	68.7	0.0	0.0	0.0	6.6
17	18.0	30.4	23.3	66.0	0.0	0.0	0.0	8.4
18	18.8	30.6	23.8	67.0	0.0	0.0	0.0	7.7
19	17.0	31.4	23.8	66.7	0.0	0.0	0.0	8.2
20	18.4	30.4	22.5	70.7	0.0	0.0	0.0	6.3
21	17.6	30.0	23.0	69.0	0.0	0.0	0.0	8.5
22	17.6	31.2	23.8	67.7	0.0	0.0	0.0	7.6
23	15.4	32.0	23.2	69.0	0.0	0.0	0.0	9.0
24	18.0	29.8	23.2	71.3	0.0	0.0	0.0	4.1
25	18.8	29.6	23.6	75.0	0.0	.6	.6	3.3
26	19.0	30.4	24.0	71.7	0.0	0.0	0.0	6.0
27	17.4	32.4	23.9	62.3	0.0	0.0	0.0	8.4
28	16.6	32.6	25.0	61.0	0.0	0.0	0.0	9.3
29	17.0	33.6	22.0	77.3	1.0	0.0	1.0	8.2
30	19.0	26.4	22.3	80.3	.7	0.0	.7	2.3
31	17.0	27.2	21.7	79.7	0.0	0.0	0.0	.9
Total :					8.8	10.0	18.8	215.6
Promedio :	17.9	30.0	23.1	71.1				

Febrero	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	31.0	24.0	72.0	0.0	0.0	0.0	6.0
2	18.8	31.4	24.3	68.0	0.0	2.5	2.5	7.7
3	18.0	26.8	21.2	85.3	1.0	0.0	1.0	.1
4	17.8	25.8	21.2	82.7	0.0	0.0	0.0	.3
5	17.2	30.6	23.4	68.0	0.0	0.0	0.0	8.4
6	16.0	31.0	23.2	64.3	0.0	0.0	0.0	8.6
7	14.6	30.2	22.5	64.3	0.0	0.0	0.0	9.2
8	16.4	28.6	21.8	75.3	6.3	0.0	6.3	4.7
9	18.0	28.8	22.8	72.3	0.0	6.6	6.6	4.5
10	17.4	30.8	23.6	67.3	0.0	0.0	0.0	6.9
11	19.5	30.6	23.7	70.0	0.0	15.3	15.3	4.5
12	18.8	30.2	23.2	70.3	0.0	0.0	0.0	5.1
13	18.0	30.5	24.0	68.3	0.0	11.4	11.4	7.1
14	18.6	31.2	23.3	69.0	0.0	0.0	0.0	6.4
15	15.8	30.8	23.4	68.7	0.0	0.0	0.0	8.1
16	18.0	31.2	24.2	70.0	0.0	0.0	0.0	5.6
17	17.6	32.0	24.4	68.3	0.0	0.0	0.0	8.6
18	18.8	31.0	23.8	72.3	0.0	12.9	12.9	7.1
19	18.5	28.6	23.2	76.3	.7	0.0	.7	3.8
20	17.0	31.6	23.9	66.0	0.0	0.0	0.0	8.7
21	19.5	30.6	22.8	73.7	.7	0.0	.7	6.0
22	19.0	29.8	22.8	75.7	0.0	0.0	0.0	1.9
23	17.2	30.8	23.6	69.7	0.0	0.0	0.0	6.8
24	15.6	32.6	24.5	64.7	0.0	0.0	0.0	9.3
25	17.8	32.6	24.5	64.7	0.0	0.0	0.0	6.6
26	18.0	31.4	22.8	72.7	5.2	0.0	5.2	4.6
27	17.8	29.4	22.4	73.0	.4	6.9	7.3	3.7
28	19.2	30.2	23.8	67.7	0.0	.5	.5	6.5
29								
30								
31								
Total :					14.3	56.1	70.4	166.8
Promedio :	17.8	30.4	23.3	70.7				

Estación : EL PILAMO
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 52 ' N
Longitud : 75 ° 48 ' W
Altitud : 1070 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.2	32.6	24.9	64.0	0.0	0.0	0.0	8.5
2	17.6	31.0	24.2	65.7	0.0	0.0	0.0	6.2
3	18.6	32.2	24.4	61.7	0.0	0.0	0.0	8.8
4	19.0	31.0	24.6	63.7	0.0	5.2	5.2	5.5
5	18.0	30.6	21.6	76.0	5.7	0.0	5.7	6.3
6	17.2	31.4	22.5	70.0	.8	0.0	.8	7.4
7	18.2	32.0	24.8	63.7	0.0	0.0	0.0	8.1
8	18.4	32.8	24.8	64.3	0.0	0.0	0.0	8.0
9	19.0	32.6	23.8	69.0	0.0	0.0	0.0	6.1
10	17.4	33.0	24.2	63.0	0.0	0.0	0.0	8.4
11	16.6	30.8	24.0	62.0	0.0	1.3	1.3	5.5
12	18.6	28.0	22.6	76.3	0.0	0.0	0.0	1.4
13	17.4	30.8	24.3	63.3	0.0	10.7	10.7	4.8
14	18.0	28.6	23.0	66.3	0.0	2.6	2.6	3.7
15	17.6	29.0	22.0	77.7	1.4	0.0	1.4	3.3
16	17.8	33.0	23.6	68.3	0.0	10.4	10.4	5.8
17	18.4	24.2	20.7	84.3	0.0	0.0	0.0	.3
18	17.6	30.6	23.4	70.3	0.0	35.9	35.9	2.6
19	17.6	24.8	20.3	84.0	0.0	0.0	0.0	0.0
20	17.4	28.8	22.0	74.7	4.0	41.7	45.7	1.8
21	17.8	23.4	20.6	86.0	3.1	0.0	3.1	0.0
22	17.1	29.8	22.2	77.3	0.0	0.0	0.0	5.1
23	17.0	29.0	22.3	80.7	0.0	0.0	0.0	3.2
24	17.6	31.8	22.3	78.3	3.5	26.3	29.8	5.3
25	17.6	31.0	23.8	68.3	0.0	0.0	0.0	8.0
26	18.2	31.8	22.2	76.0	13.4	0.0	13.4	7.6
27	18.0	29.8	22.0	79.0	.7	0.0	.7	4.2
28	16.4	29.8	22.1	75.0	.3	0.0	.3	5.1
29	17.5	28.4	22.4	73.0	0.0	0.0	0.0	3.4
30	15.0	31.4	23.1	69.0	0.0	0.0	0.0	10.2
31	17.6	32.4	25.2	60.3	0.0	0.0	0.0	8.4
Total :					32.9	134.1	167.0	163.0
Promedio :	17.7	30.2	23.0	71.3				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	30.6	24.0	70.0	0.0	10.4	10.4	5.0
2	19.2	24.6	21.0	82.0	2.1	0.0	2.1	0.0
3	17.0	29.8	21.4	75.0	2.0	.5	2.5	5.5
4	18.6	27.2	23.2	72.0	0.0	0.0	0.0	1.4
5	17.6	30.6	23.7	60.0	2.2	0.0	2.2	5.5
6	16.0	30.0	22.5	72.7	.2	3.7	3.9	8.7
7	18.5	23.6	19.8	90.3	2.3	0.0	2.3	.7
8	18.0	28.6	21.0	77.3	15.7	37.6	53.3	5.7
9	17.2	28.0	21.6	75.7	0.0	1.7	1.7	4.0
10	16.8	27.0	22.0	73.7	0.0	0.0	0.0	2.4
11	17.2	29.6	22.3	69.7	0.0	.7	.7	7.1
12	18.0	29.6	22.1	69.3	0.0	1.6	1.6	6.3
13	17.2	29.4	22.8	65.7	0.0	0.0	0.0	6.4
14	16.0	29.6	22.9	67.0	0.0	0.0	0.0	5.9
15	18.2	31.2	24.2	64.7	0.0	.2	.2	6.9
16	17.8	30.6	23.8	67.0	0.0	.2	.2	6.0
17	18.8	29.0	22.9	73.0	0.0	0.0	0.0	3.0
18	18.0	25.6	20.8	86.0	6.1	0.0	6.1	0.0
19	16.6	30.6	23.7	67.7	0.0	6.3	6.3	6.8
20	18.6	29.2	22.7	80.7	0.0	14.6	14.6	4.9
21	18.9	29.4	22.8	78.3	1.5	0.0	1.5	3.7
22	18.2	30.6	24.5	70.0	0.0	6.5	6.5	8.3
23	18.8	30.2	24.4	72.3	0.0	10.3	10.3	8.3
24	19.0	28.4	22.5	79.7	2.4	32.0	34.4	2.6
25	18.0	20.8	19.0	93.0	1.4	1.2	2.6	0.0
26	17.6	28.2	21.1	77.3	.5	9.5	10.0	2.8
27	18.4	28.6	22.0	77.0	0.0	0.0	0.0	4.0
28	17.6	29.6	22.4	75.0	0.0	15.0	15.0	5.8
29	16.8	29.4	23.0	70.3	0.0	0.0	0.0	8.2
30	19.0	27.0	21.8	80.7	0.0	.8	.8	.1
31								
Total :					36.4	152.8	189.2	136.0
Promedio :	17.9	28.6	22.4	74.4				

Estación : EL PILAMO
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 52 ' N
Longitud : 75 ° 48 ' W
Altitud : 1070 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	29.6	23.6	70.7	0.0	0.0	0.0	7.7
2	18.2	31.0	24.4	71.7	0.0	0.0	0.0	4.8
3	18.8	30.2	22.8	74.7	0.0	.3	.3	5.7
4	17.8	30.6	25.5	68.3	0.0	0.0	0.0	8.6
5	17.8	32.4	25.1	68.7	0.0	0.0	0.0	8.1
6	19.2	30.6	24.2	67.0	0.0	0.0	0.0	4.5
7	19.0	30.0	24.0	72.0	0.0	1.6	1.6	5.7
8	19.4	29.5	23.4	73.0	0.0	0.0	0.0	3.7
9	17.6	32.1	23.0	72.0	3.2	0.0	3.2	7.6
10	17.8	30.6	24.0	74.0	.6	0.0	.6	7.6
11	19.6	27.0	23.4	75.3	0.0	0.0	0.0	.1
12	16.4	32.4	23.8	70.3	0.0	0.0	0.0	8.8
13	19.0	30.0	24.1	69.3	0.0	0.0	0.0	1.6
14	18.4	29.0	23.2	77.0	0.0	0.0	0.0	2.9
15	18.8	29.7	24.3	73.3	0.0	6.5	6.5	3.6
16	19.8	30.0	24.7	74.0	0.0	2.2	2.2	4.0
17	19.0	26.4	21.4	83.7	22.1	2.4	24.5	1.2
18	17.6	28.5	23.4	79.7	0.0	18.7	18.7	3.4
19	18.4	27.0	23.1	73.3	0.0	4.4	4.4	1.6
20	18.2	29.5	21.8	78.7	34.0	18.0	52.0	4.6
21	18.6	25.1	21.4	79.7	0.0	4.2	4.2	.7
22	19.4	27.0	21.3	88.0	7.5	0.0	7.5	2.2
23	17.8	27.6	22.8	77.7	0.0	20.4	20.4	3.7
24	16.4	27.5	22.6	75.3	0.0	3.5	3.5	6.1
25	16.0	24.0	20.0	74.7	14.8	1.0	15.8	0.0
26	15.0	26.2	20.4	71.3	0.0	0.0	0.0	6.0
27	16.8	28.8	22.3	70.3	0.0	19.0	19.0	4.8
28	14.8	25.8	19.6	71.7	0.0	.2	.2	4.2
29	16.8	29.0	22.1	69.3	0.0	.1	.1	6.3
30	18.0	27.5	21.8	75.3	0.0	1.5	1.5	2.7
31	17.6	23.8	20.2	87.7	.1	0.0	.1	.8
Total :					82.3	104.0	186.3	133.3
Promedio :	17.9	28.7	22.8	74.4				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	28.5	21.8	79.7	0.0	38.0	38.0	4.4
2	18.0	27.2	21.1	85.3	6.0	0.0	6.0	5.6
3	18.6	26.0	21.6	84.3	1.9	1.0	2.9	1.7
4	18.2	24.5	20.8	81.0	1.0	0.0	1.0	.4
5	17.0	27.0	20.6	76.3	9.0	35.5	44.5	2.4
6	17.4	26.7	21.3	73.7	0.0	10.3	10.3	2.5
7	17.2	22.0	19.0	90.0	4.7	0.0	4.7	.3
8	16.6	28.5	20.5	76.3	.6	5.3	5.9	5.4
9	16.4	24.8	20.8	76.0	.9	0.0	.9	1.3
10	15.8	26.8	22.4	72.0	0.0	1.3	1.3	3.1
11	18.8	28.9	22.6	74.3	0.0	18.3	18.3	3.6
12	17.4	29.4	22.5	72.0	0.0	.4	.4	6.8
13	18.2	27.3	21.5	78.7	.5	0.0	.5	1.5
14	17.8	28.5	22.5	76.7	.5	0.0	.5	6.8
15	16.8	28.3	21.9	74.0	0.0	0.0	0.0	5.9
16	16.6	28.5	22.2	76.7	0.0	0.0	0.0	5.4
17	17.6	27.2	22.2	77.0	.3	.3	.6	3.1
18	17.4	29.3	23.4	73.0	0.0	0.0	0.0	4.9
19	16.6	31.2	22.9	73.3	0.0	0.0	0.0	10.3
20	16.8	29.6	23.6	71.7	0.0	0.0	0.0	5.4
21	17.0	29.2	23.4	73.7	0.0	.1	.1	5.4
22	17.0	30.4	24.2	61.0	0.0	0.0	0.0	9.3
23	16.4	30.0	24.5	58.3	0.0	0.0	0.0	7.2
24	16.6	28.4	22.9	70.7	0.0	0.0	0.0	5.6
25	17.6	27.4	22.3	75.0	2.9	0.0	2.9	4.1
26	15.8	30.6	23.3	72.3	0.0	0.0	0.0	7.0
27	17.4	30.0	22.7	71.7	0.0	0.0	0.0	3.7
28	18.2	30.5	24.0	73.3	0.0	0.0	0.0	3.0
29	19.0	30.0	22.8	79.3	.2	0.0	.2	5.3
30	17.6	32.2	24.4	68.0	0.0	0.0	0.0	9.0
31								
Total :					28.5	110.5	139.0	140.4
Promedio :	17.3	28.3	22.3	74.8				

Estación : EL PILAMO
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 52 ' N
Longitud : 75 ° 48 ' W
Altitud : 1070 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.6	23.5	71.0	0.0	0.0	0.0	6.5
2	16.0	30.0	23.8	68.3	0.0	0.0	0.0	5.8
3	17.6	31.6	24.3	68.3	0.0	51.0	51.0	6.9
4	18.6	30.8	24.2	70.0	0.0	29.0	29.0	8.0
5	18.4	25.4	20.8	89.3	3.9	5.0	8.9	.8
6	18.2	24.4	20.6	80.0	0.0	0.0	0.0	.5
7	16.0	30.6	22.6	74.7	0.0	0.0	0.0	9.0
8	18.0	31.4	24.3	75.0	0.0	0.0	0.0	9.7
9	18.2	30.6	24.2	72.3	0.0	13.1	13.1	7.1
10	20.0	29.2	22.1	84.0	1.4	0.0	1.4	.8
11	17.0	27.4	22.5	80.0	0.0	8.3	8.3	2.8
12	17.2	30.0	22.8	70.7	0.0	0.0	0.0	9.5
13	16.8	31.6	23.6	69.0	0.0	0.0	0.0	10.2
14	16.6	30.2	23.4	71.7	0.0	1.2	1.2	6.9
15	18.6	28.6	22.8	75.3	.7	.2	.9	4.9
16	17.8	29.2	23.1	76.7	0.0	.3	.3	4.1
17	18.6	29.2	23.1	78.0	0.0	8.2	8.2	4.8
18	18.6	28.2	21.4	83.3	16.7	2.7	19.4	5.1
19	17.8	28.8	22.5	78.0	.1	70.8	70.9	4.8
20	16.2	27.6	22.0	81.7	0.0	15.4	15.4	3.4
21	16.8	27.8	22.4	75.3	0.0	0.0	0.0	5.5
22	17.6	30.0	23.6	72.3	0.0	.3	.3	9.6
23	18.4	28.0	21.0	80.3	.6	0.0	.6	2.8
24	17.4	30.0	23.6	70.3	0.0	1.8	1.8	7.2
25	16.6	27.2	20.8	82.0	1.0	0.0	1.0	3.8
26	14.8	30.6	22.8	69.7	0.0	0.0	0.0	10.2
27	17.0	30.2	22.8	73.3	0.0	0.0	0.0	8.0
28	16.2	30.0	22.8	71.0	0.0	0.0	0.0	6.1
29	15.0	31.0	22.2	70.7	0.0	0.0	0.0	7.8
30	14.4	31.5	22.5	68.7	0.0	3.4	3.4	7.6
31	16.8	27.4	20.4	80.7	2.3	0.0	2.3	4.0
Total :					26.7	210.7	237.4	184.2
Promedio :	17.2	29.3	22.7	75.2				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	30.6	22.4	70.7	0.0	0.0	0.0	7.6
2	16.0	28.8	22.4	74.3	.1	0.0	.1	7.2
3	15.8	27.0	21.6	76.3	0.0	0.0	0.0	4.5
4	14.6	29.6	21.4	71.7	.8	.5	1.3	7.0
5	17.4	30.6	23.0	71.0	0.0	0.0	0.0	10.0
6	15.6	31.0	23.0	69.7	0.0	0.0	0.0	9.0
7	16.4	29.6	23.2	71.3	0.0	0.0	0.0	3.8
8	17.4	29.8	21.7	79.3	.8	0.0	.8	6.1
9	18.4	29.4	22.8	74.0	0.0	0.0	0.0	2.8
10	16.2	31.6	24.7	59.0	0.0	0.0	0.0	7.1
11	15.8	30.8	23.8	57.3	0.0	0.0	0.0	8.1
12	14.0	31.6	22.9	63.3	0.0	0.0	0.0	8.3
13	16.6	31.6	23.8	68.3	0.0	0.0	0.0	6.1
14	17.6	31.6	24.2	59.0	0.0	0.0	0.0	6.2
15	17.2	32.6	25.6	56.3	0.0	0.0	0.0	8.9
16	18.3	33.2	25.0	51.3	0.0	0.0	0.0	7.8
17	15.2	32.8	25.1	51.3	0.0	0.0	0.0	9.9
18	16.4	30.4	22.8	66.3	0.0	0.0	0.0	4.3
19	16.6	29.0	22.4	67.3	.6	0.0	.6	3.0
20	17.4	32.2	24.8	64.7	0.0	0.0	0.0	7.0
21	17.0	33.4	24.2	68.0	0.0	0.0	0.0	8.6
22	17.8	31.8	24.0	68.3	0.0	0.0	0.0	7.0
23	17.6	31.0	23.7	66.3	1.3	0.0	1.3	4.6
24	15.6	33.2	24.0	65.7	.2	0.0	.2	8.9
25	18.8	31.9	24.0	70.7	1.8	.9	2.7	7.9
26	18.5	28.2	22.4	76.7	0.0	2.6	2.6	2.5
27	18.8	26.0	21.4	80.7	12.3	0.0	12.3	2.4
28	17.2	31.8	22.8	72.7	0.0	38.9	38.9	5.7
29	18.0	24.2	20.6	80.0	3.0	0.0	3.0	0.0
30	16.2	30.6	22.4	73.7	0.0	2.1	2.1	6.0
31	19.2	29.4	23.0	75.3	.7	0.0	.7	3.7
Total :					21.6	45.0	66.6	192.0
Promedio :	16.8	30.5	23.2	68.4				

Estación : EL PILAMO
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 52 ' N
Longitud : 75 ° 48 ' W
Altitud : 1070 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	29.2	22.0	75.0	0.0	22.7	22.7	2.6
2	17.8	27.6	21.0	79.7	4.2	0.0	4.2	5.1
3	17.2	31.4	23.4	72.3	0.0	4.4	4.4	8.6
4	18.6	31.6	24.7	63.7	0.0	0.0	0.0	10.1
5	17.0	30.6	23.4	67.0	0.0	0.0	0.0	6.2
6	17.2	30.2	23.7	69.7	0.0	0.0	0.0	4.4
7	17.8	31.4	22.8	74.0	1.9	0.0	1.9	6.5
8	16.8	31.6	23.5	68.7	0.0	0.0	0.0	7.8
9	17.4	29.5	23.0	72.3	0.0	0.0	0.0	3.6
10	18.0	28.2	22.0	79.3	.1	0.0	.1	3.3
11	18.4	29.0	22.8	72.0	0.0	0.0	0.0	5.9
12	17.0	30.6	21.6	75.3	8.5	.4	8.9	8.2
13	16.9	31.9	24.0	68.7	.6	0.0	.6	7.6
14	19.6	27.4	22.7	80.0	0.0	3.4	3.4	1.4
15	18.8	31.4	24.2	68.0	0.0	0.0	0.0	6.8
16	18.0	29.4	23.0	74.3	.5	0.0	.5	3.7
17	17.0	27.8	22.2	75.3	0.0	0.0	0.0	1.5
18	18.8	26.0	21.4	84.7	2.5	0.0	2.5	1.3
19	18.2	29.8	22.3	74.7	0.0	0.0	0.0	6.1
20	17.8	30.6	24.3	64.7	0.0	0.0	0.0	6.9
21	18.8	32.0	24.2	64.7	0.0	0.0	0.0	7.9
22	16.6	32.2	23.7	63.0	0.0	0.0	0.0	7.3
23	18.0	30.8	23.2	68.7	0.0	6.3	6.3	6.2
24	17.4	29.4	22.2	78.0	1.0	41.0	42.0	5.4
25	17.6	27.8	22.1	77.0	2.0	26.0	28.0	4.1
26	17.2	26.4	20.1	87.0	2.8	3.1	5.9	3.6
27	18.2	30.8	22.8	71.3	.5	32.5	33.0	6.4
28	17.2	26.6	21.1	77.7	.1	0.0	.1	2.2
29	16.0	29.4	22.4	76.0	0.0	1.9	1.9	6.3
30	17.8	31.6	23.8	66.0	0.0	0.0	0.0	7.2
31								
Total :					24.7	141.7	166.4	164.2
Promedio :	17.7	29.7	22.8	73.0				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	31.6	24.2	69.3	0.0	0.0	0.0	7.5
2	17.4	31.4	23.4	68.3	0.0	0.0	0.0	7.6
3	16.6	32.6	22.8	70.0	0.0	0.0	0.0	7.8
4	16.2	30.9	23.5	70.7	0.0	0.0	0.0	5.7
5	17.9	30.0	23.4	71.7	0.0	0.0	0.0	4.2
6	17.2	30.2	23.2	69.7	0.0	.1	.1	5.7
7	18.5	28.0	21.5	80.0	3.4	1.0	4.4	1.3
8	16.0	30.0	22.8	73.3	0.0	0.0	0.0	6.8
9	17.8	30.8	23.4	68.3	0.0	0.0	0.0	7.8
10	19.2	32.8	25.2	65.0	0.0	28.0	28.0	7.4
11	17.8	28.4	21.2	77.7	.9	0.0	.9	4.1
12	16.2	29.8	21.8	74.3	5.1	0.0	5.1	3.8
13	17.8	30.6	23.0	74.0	0.0	0.0	0.0	6.4
14	16.7	31.0	23.8	67.3	0.0	0.0	0.0	8.5
15	17.8	27.6	21.6	78.3	1.2	.6	1.8	4.4
16	18.0	30.0	23.1	74.7	.9	2.2	3.1	6.0
17	17.6	28.4	20.5	81.7	0.0	43.0	43.0	4.1
18	17.8	27.8	22.3	75.0	0.0	0.0	0.0	3.7
19	17.0	31.6	22.3	74.3	1.5	0.0	1.5	7.8
20	16.8	29.2	21.1	77.3	0.0	52.0	52.0	5.2
21	17.2	29.6	22.6	75.0	0.0	8.3	8.3	6.1
22	18.6	25.6	20.4	88.7	1.6	0.0	1.6	1.9
23	17.0	29.2	21.3	79.7	21.0	15.0	36.0	6.3
24	17.8	28.8	21.0	78.3	5.5	2.0	7.5	4.5
25	17.4	28.6	22.4	76.0	0.0	15.9	15.9	6.8
26	18.4	26.6	21.0	81.0	0.0	55.0	55.0	3.1
27	17.4	24.8	20.6	83.0	0.0	0.0	0.0	.8
28	16.6	29.2	22.0	74.0	0.0	0.0	0.0	7.1
29	18.2	28.6	21.1	81.7	45.0	0.0	45.0	5.7
30	17.6	24.6	20.4	81.3	.7	0.0	.7	2.2
31	16.4	30.6	23.0	72.3	0.0	69.0	69.0	8.7
Total :					86.8	292.1	378.9	169.0
Promedio :	17.5	29.3	22.3	75.2				

Estación : EL PILAMO
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 52 ' N
Longitud : 75 ° 48 ' W
Altitud : 1070 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	27.2	21.4	77.3	4.2	7.2	11.4	3.4
2	18.3	27.8	21.2	82.3	.4	8.7	9.1	3.3
3	16.8	24.2	19.4	92.7	19.1	0.0	19.1	.4
4	14.8	28.8	21.4	78.7	0.0	16.8	16.8	5.7
5	16.5	28.0	21.2	78.3	0.0	25.5	25.5	4.8
6	17.0	27.8	21.9	75.0	0.0	3.9	3.9	5.6
7	18.4	25.2	20.6	84.7	4.3	6.7	11.0	.8
8	17.6	28.4	20.9	79.0	.4	0.0	.4	2.7
9	16.8	29.3	22.6	77.0	0.0	0.0	0.0	4.9
10	17.6	28.2	22.5	74.3	.3	0.0	.3	4.6
11	17.3	28.4	22.2	74.0	0.0	.5	.5	3.7
12	18.0	29.0	22.5	75.0	0.0	3.5	3.5	2.8
13	18.4	28.4	22.2	77.0	3.0	12.4	15.4	3.5
14	18.0	28.9	22.5	76.0	0.0	50.0	50.0	5.2
15	17.8	28.6	22.2	78.7	0.0	0.0	0.0	4.1
16	16.8	29.8	23.2	73.0	.4	11.2	11.6	5.5
17	18.6	28.8	22.4	78.3	0.0	29.0	29.0	3.8
18	18.0	29.2	22.0	78.7	2.5	.7	3.2	5.5
19	18.8	28.0	21.5	79.3	0.0	0.0	0.0	4.6
20	16.8	31.2	23.1	74.7	0.0	0.0	0.0	9.0
21	17.6	29.6	22.5	78.7	.3	8.0	8.3	4.0
22	18.4	28.4	22.5	78.0	0.0	10.6	10.6	6.3
23	16.4	30.6	22.2	74.7	0.0	0.0	0.0	7.6
24	17.0	30.2	23.0	73.7	0.0	0.0	0.0	7.0
25	18.6	31.4	24.6	67.7	0.0	0.0	0.0	8.2
26	19.0	29.8	23.4	78.0	0.0	0.0	0.0	4.6
27	18.2	32.2	23.8	76.0	0.0	0.0	0.0	8.8
28	19.4	31.6	24.2	71.0	.3	0.0	.3	8.0
29	18.8	27.6	22.2	78.3	4.1	0.0	4.1	1.0
30	17.8	30.8	24.4	68.7	0.0	14.8	14.8	5.5
31								
Total					39.3	209.5	248.8	144.9
Promedio	17.7	28.9	22.3	77.0				

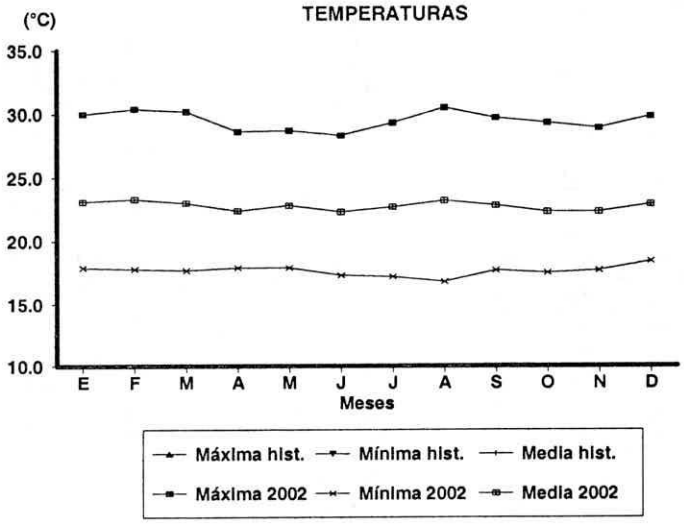
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	31.6	23.7	75.7	0.0	0.0	0.0	9.9
2	19.0	31.4	24.5	72.3	0.0	0.0	0.0	8.4
3	18.4	29.6	23.4	74.7	0.0	0.0	0.0	2.5
4	17.5	30.2	22.8	77.0	.1	.2	.3	5.0
5	18.2	30.0	22.7	75.0	0.0	10.9	10.9	3.6
6	19.0	29.4	23.1	76.3	0.0	0.0	0.0	4.6
7	18.6	29.6	23.3	76.3	0.0	.1	.1	6.8
8	18.8	27.6	21.2	84.7	0.0	.8	.8	1.3
9	18.6	29.8	22.5	76.3	0.0	0.0	0.0	7.1
10	17.4	31.8	24.0	71.3	0.0	15.7	15.7	7.5
11	18.8	30.7	22.9	81.3	4.6	0.0	4.6	4.8
12	18.6	31.8	24.0	74.3	0.0	0.0	0.0	8.3
13	19.4	31.5	23.6	75.7	0.0	1.4	1.4	7.3
14	19.5	29.3	22.3	85.0	5.7	113.9	119.6	.3
15	18.5	21.6	19.3	93.0	23.6	0.0	23.6	0.0
16	18.0	27.8	22.0	80.0	0.0	1.3	1.3	3.5
17	18.4	25.2	21.2	77.0	0.0	4.7	4.7	1.1
18	17.4	28.2	22.0	77.7	.3	0.0	.3	2.8
19	17.8	29.2	22.2	77.7	0.0	.3	.3	5.2
20	18.0	30.2	22.5	76.3	1.2	.7	1.9	4.2
21	18.6	29.8	23.2	73.7	0.0	14.8	14.8	6.1
22	19.4	30.0	23.8	73.3	0.0	0.0	0.0	6.1
23	18.3	31.6	23.6	72.7	0.0	0.0	0.0	7.8
24	17.5	28.4	23.0	77.7	0.0	0.0	0.0	2.5
25	18.5	31.8	23.8	75.3	0.0	0.0	0.0	6.7
26	16.8	32.0	22.6	73.3	0.0	0.0	0.0	8.7
27	18.6	27.8	21.9	78.7	0.0	.6	.6	2.8
28	18.8	30.6	23.8	73.3	0.0	.5	.5	7.7
29	19.4	31.5	23.8	72.7	0.0	0.0	0.0	7.4
30	18.4	31.8	23.6	72.7	0.0	0.0	0.0	7.7
31	18.2	32.0	23.9	73.3	0.0	0.0		5.3
Total					35.5	165.9	201.4	163.0
Promedio	18.4	29.8	22.9	76.6				

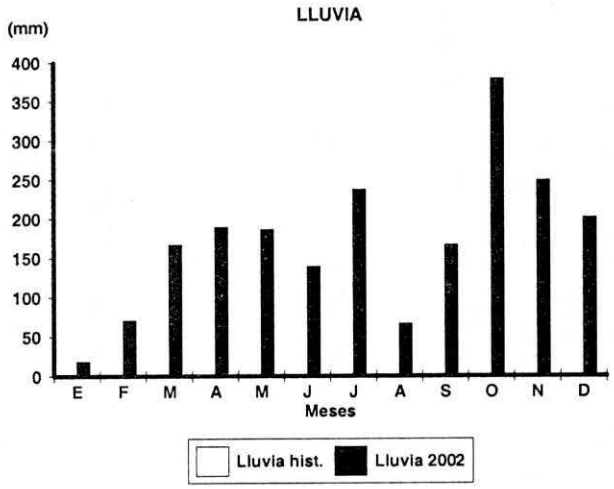
Estación : EL PILAMO
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4° 52 ' N
Longitud : 75° 48 ' W
Altitud : 1070 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	17.9	30.0	23.1	33.6	15.4	71.1	18.8	6	215.6
Febrero	17.8	30.4	23.3	32.6	14.6	70.7	70.4	12	166.8
Marzo	17.7	30.2	23.0	33.0	15.0	71.3	167.0	15	163.0
Abril	17.9	28.6	22.4	31.2	16.0	74.4	189.2	23	136.0
Mayo	17.9	28.7	22.8	32.4	14.8	74.4	186.3	20	133.3
Junio	17.3	28.3	22.3	32.2	15.8	74.8	139.0	18	140.4
Julio	17.2	29.3	22.7	31.6	14.4	75.2	237.4	19	184.2
Agosto	16.8	30.5	23.2	33.4	14.0	68.4	66.6	13	192.0
Septiembre	17.7	29.7	22.8	32.2	16.0	73.0	166.4	17	164.2
Octubre	17.5	29.3	22.3	32.8	16.0	75.2	378.9	19	169.0
Noviembre	17.7	28.9	22.3	32.2	14.8	77.0	248.8	21	144.9
Diciembre	18.4	29.8	22.9	32.0	16.8	76.6	201.4	17	163.0
Promedio :	17.6	29.5	22.8			73.5			
Absoluta :				33.6	14.0				
Total :							2070.2	200	1972.4





Estación : LA CATALINA
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45 ' N
Longitud : 75 ° 44 ' W
Altitud : 1310 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	28.4	22.4	77.3	1.8	0.0	1.8	8.6
2	18.2	29.2	23.4	68.3	0.0	0.0	0.0	7.7
3	18.0	27.4	22.3	73.7	0.0	0.0	0.0	6.1
4	16.6	28.6	22.8	72.7	0.0	0.0	0.0	9.5
5	16.8	28.4	22.8	73.0	0.0	0.0	0.0	7.5
6	17.0	28.2	23.0	69.0	0.0	2.4	2.4	9.1
7	18.4	26.4	22.1	78.3	0.0	3.8	3.8	1.9
8	16.0	27.0	21.0	73.7	0.0	0.0	0.0	9.2
9	17.6	27.4	21.4	77.3	2.3	16.3	18.6	5.6
10	15.6	28.4	21.4	70.7	0.0	0.0	0.0	9.1
11	17.2	28.8	22.0	67.3	0.0	0.0	0.0	9.1
12	16.8	28.4	21.8	70.7	.2	0.0	.2	6.5
13	17.8	26.2	20.3	82.0	23.9	2.7	26.6	1.9
14	17.0	26.8	21.0	77.0	0.0	0.0	0.0	3.7
15	16.2	28.8	22.2	70.0	0.0	0.0	0.0	7.0
16	17.6	28.4	22.5	68.0	0.0	0.0	0.0	6.5
17	17.0	28.6	22.3	66.3	0.0	0.0	0.0	7.4
18	17.2	28.9	22.2	66.7	0.0	0.0	0.0	7.7
19	17.0	28.4	22.4	69.0	0.0	0.0	0.0	6.7
20	17.6	28.2	20.4	78.0	9.0	0.0	9.0	4.9
21	16.0	28.6	21.2	74.7	0.0	0.0	0.0	8.2
22	17.2	29.8	22.8	69.3	0.0	0.0	0.0	8.0
23	16.4	30.4	22.4	66.3	0.0	0.0	0.0	8.1
24	17.6	28.8	23.0	68.3	0.0	0.0	0.0	4.6
25	18.4	28.0	23.4	71.3	0.0	0.0	0.0	3.4
26	18.0	28.6	23.1	71.7	0.0	0.0	0.0	6.2
27	17.6	31.4	22.2	73.3	6.9	0.0	6.9	8.4
28	16.9	30.2	23.7	66.3	0.0	0.0	0.0	8.5
29	17.8	31.4	21.5	76.7	9.6	0.0	9.6	8.7
30	18.4	26.4	21.4	83.0	0.0	0.0	0.0	3.2
31	17.4	24.8	21.6	79.7	0.0	1.0	1.0	.3
Total :					53.7	26.2	79.9	203.3
Promedio :	17.3	28.4	22.1	72.6				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	30.2	22.5	70.0	0.0	0.0	0.0	6.3
2	18.0	30.4	23.6	69.7	0.0	0.0	0.0	8.1
3	17.9	24.8	19.8	84.0	0.0	0.0	0.0	0.0
4	16.0	25.8	20.5	80.7	0.0	0.0	0.0	.9
5	17.0	29.2	22.7	65.0	0.0	0.0	0.0	8.8
6	15.6	30.0	22.4	63.3	0.0	0.0	0.0	8.3
7	15.8	29.4	22.0	62.7	0.0	0.0	0.0	8.7
8	16.6	25.4	20.6	72.7	.6	0.0	.6	1.7
9	17.6	28.0	21.7	68.3	0.0	0.0	0.0	4.2
10	16.4	29.4	21.4	74.0	3.5	0.0	3.5	7.0
11	17.8	28.8	22.4	73.7	0.0	0.0	0.0	5.4
12	18.0	28.2	21.8	67.3	.9	0.0	.9	3.6
13	17.2	30.4	22.6	67.0	0.0	0.0	0.0	6.3
14	17.4	29.6	21.8	70.7	0.0	0.0	0.0	6.5
15	16.4	28.4	21.0	75.3	1.4	0.0	1.4	6.6
16	17.4	28.8	23.2	69.0	0.0	0.0	0.0	5.2
17	17.6	30.4	22.8	75.7	.4	0.0	.4	7.9
18	17.8	30.6	23.8	65.7	0.0	.1	.1	7.0
19	18.8	28.0	22.8	73.0	0.0	0.0	0.0	3.0
20	17.5	30.4	22.8	65.0	.5	0.0	.5	6.1
21	17.4	29.8	21.5	77.0	6.2	0.0	6.2	6.5
22	18.5	28.4	22.1	73.0	0.0	1.0	1.0	1.7
23	17.6	29.4	23.3	68.3	0.0	0.0	0.0	5.1
24	16.8	31.6	24.7	59.7	0.0	0.0	0.0	9.5
25	17.8	30.2	24.0	63.7	0.0	0.0	0.0	6.1
26	18.0	29.4	21.0	76.0	.4	0.0	.4	5.8
27	17.4	27.9	21.2	78.3	1.2	0.0	1.2	2.3
28	18.0	29.2	23.3	70.3	0.0	0.0	0.0	5.5
29								
30								
31								
Total :					15.1	1.1	16.2	154.1
Promedio :	17.4	29.0	22.3	70.7				

Estación : LA CATALINA
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45 ' N
Longitud : 75 ° 44 ' W
Altitud : 1310 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	31.2	25.0	58.0	0.0	0.0	0.0	9.6
2	17.4	29.6	23.2	68.3	0.0	0.0	0.0	5.4
3	17.6	31.0	21.6	73.0	9.2	0.0	9.2	7.9
4	18.4	29.8	22.3	70.0	0.0	0.0	0.0	6.3
5	17.8	29.6	21.6	73.7	2.6	0.0	2.6	4.5
6	17.0	29.4	21.8	70.7	0.0	0.0	0.0	5.8
7	17.4	29.8	22.2	75.7	2.8	9.7	12.5	6.4
8	17.5	30.4	24.0	66.0	0.0	0.0	0.0	8.2
9	17.6	30.4	22.7	69.7	0.0	0.0	0.0	6.7
10	16.8	31.2	23.8	62.0	0.0	0.0	0.0	8.3
11	17.2	28.4	23.0	66.0	0.0	1.2	1.2	5.7
12	17.9	27.2	22.0	72.7	.9	.1	1.0	1.4
13	17.8	28.4	22.5	71.0	.7	10.9	11.6	3.1
14	17.0	27.4	21.2	75.3	.3	4.3	4.6	2.8
15	16.8	27.6	21.5	76.3	11.7	0.0	11.7	1.8
16	16.6	28.2	23.7	67.3	0.0	7.8	7.8	5.1
17	17.4	23.8	19.8	86.3	.2	0.0	.2	.8
18	17.0	28.4	21.9	69.0	0.0	21.8	21.8	3.3
19	14.6	23.8	19.6	85.7	0.0	0.0	0.0	0.0
20	16.8	28.0	21.8	67.0	0.0	55.1	55.1	2.9
21	17.4	22.0	19.4	87.0	1.7	0.0	1.7	0.0
22	17.0	28.4	21.1	73.7	.3	0.0	.3	5.5
23	16.6	28.8	21.4	76.3	1.0	.1	1.1	4.0
24	17.4	30.6	22.3	76.3	.7	14.2	14.9	3.5
25	17.3	28.8	22.8	70.3	0.0	0.0	0.0	3.9
26	17.4	30.8	22.0	77.0	2.1	0.0	2.1	6.6
27	17.6	28.8	21.5	77.0	0.0	0.0	0.0	3.9
28	15.5	28.4	20.9	73.0	1.2	0.0	1.2	4.8
29	16.2	27.0	21.4	75.3	0.0	0.0	0.0	2.9
30	15.2	30.2	23.6	64.3	0.0	0.0	0.0	10.7
31	17.9	31.0	24.5	63.3	0.0	0.0	0.0	9.0
Total :					35.4	125.2	160.6	150.8
Promedio :	17.1	28.7	22.1	72.2				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	30.0	22.7	72.0	0.0	6.7	6.7	4.4
2	17.2	23.0	19.6	92.7	2.3	0.0	2.3	0.0
3	16.0	28.4	22.0	70.7	0.0	7.3	7.3	4.0
4	17.4	26.6	22.0	75.0	0.0	0.0	0.0	1.7
5	17.2	28.0	21.9	66.7	1.9	0.0	1.9	4.4
6	15.6	28.5	21.8	72.7	.3	.7	1.0	7.5
7	17.4	23.6	19.2	88.0	4.3	1.1	5.4	.6
8	17.5	26.4	20.1	77.3	6.5	24.6	31.1	.8
9	15.6	26.6	21.2	76.3	0.0	2.8	2.8	2.8
10	15.4	26.2	21.0	72.0	0.0	0.0	0.0	1.6
11	17.6	28.4	21.3	66.3	0.0	0.0	0.0	7.4
12	17.7	28.2	21.2	71.7	0.0	0.0	0.0	6.2
13	16.6	28.0	21.0	71.0	0.0	0.0	0.0	4.6
14	16.4	27.5	22.7	65.0	0.0	0.0	0.0	5.1
15	17.2	28.4	22.7	70.3	0.0	.2	.2	5.6
16	17.3	27.4	22.0	75.7	0.0	2.0	2.0	4.6
17	17.8	27.0	21.6	77.7	0.0	.1	.1	1.4
18	17.5	24.4	19.4	88.0	21.6	.2	21.8	.1
19	15.0	27.8	22.2	69.0	0.0	27.3	27.3	5.4
20	17.4	26.8	21.2	80.0	0.0	23.5	23.5	1.4
21	17.8	27.2	21.7	80.0	1.2	0.0	1.2	3.7
22	18.3	29.6	23.0	69.7	0.0	2.2	2.2	7.1
23	17.6	27.4	21.8	83.0	.8	24.0	24.8	5.2
24	17.4	25.4	21.3	78.7	.1	39.1	39.2	.6
25	17.0	20.6	18.6	94.0	1.0	4.5	5.5	0.0
26	16.8	26.6	20.5	76.0	1.6	93.0	94.6	1.4
27	16.6	25.2	20.5	80.0	.5	0.0	.5	2.1
28	15.8	27.4	21.6	73.7	0.0	21.6	21.6	4.3
29	15.0	27.4	22.2	71.7	0.0	0.0	0.0	7.6
30	18.0	25.4	20.9	81.3	0.0	0.0	0.0	.3
31								
Total :					42.1	280.9	323.0	101.9
Promedio :	17.0	26.8	21.3	76.2				

Estación : LA CATALINA
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45 ' N
Longitud : 75 ° 44 ' W
Altitud : 1310 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	28.0	21.8	76.7	10.1	.4	10.5	5.7
2	18.2	27.2	22.2	74.7	.5	0.0	.5	2.3
3	18.8	28.4	22.0	72.7	1.9	5.6	7.5	5.0
4	16.4	29.6	23.2	69.0	0.0	0.0	0.0	8.3
5	18.2	30.4	24.6	63.3	0.0	0.0	0.0	9.1
6	18.4	29.4	24.0	70.0	0.0	0.0	0.0	5.0
7	18.5	29.6	23.7	70.3	0.0	0.0	0.0	5.2
8	18.2	28.4	22.8	70.3	0.0	0.0	0.0	2.8
9	18.4	31.0	22.6	73.3	7.1	0.0	7.1	7.8
10	18.5	28.6	23.5	70.7	0.0	0.0	0.0	7.0
11	19.4	27.4	22.4	80.3	0.0	0.0	0.0	.2
12	17.0	31.5	24.5	63.0	0.0	0.0	0.0	10.0
13	18.9	30.0	23.5	71.3	0.0	0.0	0.0	1.9
14	18.2	28.4	22.4	79.3	0.0	0.0	0.0	2.6
15	18.6	28.0	22.7	70.3	1.2	2.1	3.3	3.6
16	19.6	28.5	23.3	74.0	0.0	0.0	0.0	3.5
17	19.0	25.2	20.5	87.7	.8	8.0	8.8	.1
18	17.4	27.8	22.2	81.3	0.0	5.6	5.6	2.1
19	17.5	26.4	21.4	78.3	0.0	0.0	0.0	2.3
20	18.4	29.0	22.3	78.0	1.2	62.8	64.0	4.7
21	17.8	24.8	20.8	80.7	.6	.1	.7	.3
22	18.8	25.2	20.4	90.0	6.3	0.0	6.3	1.8
23	16.6	26.4	21.6	76.7	0.0	12.4	12.4	2.6
24	15.4	26.6	21.6	78.0	0.0	8.8	8.8	4.9
25	15.6	23.6	18.4	79.0	21.4	0.0	21.4	0.0
26	14.6	26.5	19.6	72.0	0.0	0.0	0.0	6.4
27	17.4	28.2	22.0	67.7	0.0	33.8	33.8	6.6
28	14.6	25.0	19.4	66.0	.3	.5	.8	4.5
29	16.2	28.4	21.2	68.0	.5	0.0	.5	6.5
30	17.4	26.6	21.3	72.0	0.0	2.5	2.5	2.9
31	16.6	21.6	19.2	90.0	.2	0.0	.2	0.0
Total :					52.1	142.6	194.7	125.7
Promedio :	17.6	27.6	22.0	74.7				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	26.4	20.2	81.3	8.1	1.7	9.8	2.8
2	17.2	26.8	21.7	77.0	1.6	1.9	3.5	5.7
3	17.8	25.4	20.2	79.7	.5	0.0	.5	2.5
4	17.2	22.6	19.7	88.7	.5	0.0	.5	0.0
5	16.8	25.0	19.4	82.0	2.3	30.9	33.2	3.3
6	16.0	24.0	19.0	79.7	.1	11.3	11.4	.8
7	15.5	20.4	18.0	87.7	1.5	0.0	1.5	.1
8	16.4	27.0	19.1	77.3	3.4	8.2	11.6	6.5
9	15.8	24.4	19.2	79.3	0.0	0.0	0.0	1.5
10	15.0	25.8	21.0	78.3	0.0	4.5	4.5	2.1
11	17.4	26.4	20.6	79.0	2.0	0.0	2.0	2.0
12	16.8	27.8	22.6	66.7	0.0	1.8	1.8	7.5
13	17.8	25.8	21.1	73.7	.3	0.0	.3	2.3
14	17.0	27.8	20.9	74.7	11.6	.2	11.8	6.0
15	16.8	26.0	20.2	74.7	7.5	0.0	7.5	3.4
16	16.6	27.6	21.6	74.7	.5	0.0	.5	4.8
17	17.4	26.0	20.2	86.3	4.8	.2	5.0	1.8
18	17.0	26.4	21.5	77.7	0.0	0.0	0.0	5.2
19	16.8	29.8	23.3	64.3	0.0	0.0	0.0	10.2
20	17.2	29.4	22.2	68.0	0.0	0.0	0.0	7.7
21	17.0	28.0	22.7	69.0	0.0	0.0	0.0	6.6
22	17.4	30.0	24.0	59.0	0.0	0.0	0.0	9.0
23	16.6	31.0	23.6	52.3	0.0	0.0	0.0	7.9
24	16.8	28.4	22.0	65.3	0.0	0.0	0.0	6.9
25	17.2	26.8	21.7	77.0	0.0	0.0	0.0	5.8
26	16.4	28.6	24.0	57.3	0.0	0.0	0.0	8.1
27	17.6	29.0	23.5	70.3	0.0	0.0	0.0	4.4
28	18.4	28.4	23.0	75.0	0.0	0.0	0.0	4.2
29	19.0	28.8	21.0	84.7	9.3	.1	9.4	4.3
30	18.2	30.6	24.1	64.7	0.0	0.0	0.0	10.3
31								
Total :					54.0	60.8	114.8	143.7
Promedio :	17.0	27.0	21.4	74.2				

Estación : LA CATALINA
Año : 2002

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	17.0	28.2	23.5	70.7	0.0	0.0	0.0	6.8
2	17.4	29.6	23.3	66.0	0.0	0.0	0.0	7.3
3	18.4	30.4	24.4	66.3	0.0	48.9	48.9	9.0
4	16.4	29.6	23.0	70.7	.8	4.9	5.7	8.2
5	18.4	23.0	19.4	91.7	30.9	5.2	36.1	.3
6	17.4	24.4	20.2	77.3	0.0	0.0	0.0	.5
7	16.4	29.6	22.2	70.3	0.0	0.0	0.0	7.9
8	17.8	29.8	23.6	71.0	0.0	0.0	0.0	9.4
9	18.0	29.6	23.5	72.3	0.0	0.0	0.0	5.5
10	18.2	27.4	21.0	83.0	14.3	0.0	14.3	.5
11	16.8	26.0	20.8	84.7	9.9	5.2	15.1	3.2
12	17.5	29.0	22.6	69.7	0.0	0.0	0.0	9.7
13	17.6	30.6	24.5	52.3	0.0	0.0	0.0	10.4
14	17.0	29.2	23.6	69.0	0.0	0.0	0.0	7.3
15	17.8	27.5	22.2	70.7	0.0	0.0	0.0	4.2
16	17.6	28.4	22.0	70.3	0.0	0.0	0.0	4.2
17	18.4	28.4	22.8	73.3	0.0	.6	.6	4.6
18	17.6	27.4	20.8	82.7	4.9	.2	5.1	3.1
19	17.4	26.6	21.4	76.0	21.1	.3	21.4	4.1
20	16.6	26.4	20.8	79.0	.5	4.0	4.5	2.3
21	17.0	25.8	21.3	72.7	0.0	0.0	0.0	4.8
22	16.9	28.6	21.5	74.3	2.4	.1	2.5	8.3
23	17.8	25.4	20.0	83.7	.4	0.0	.4	2.4
24	17.6	28.8	22.2	72.3	0.0	0.0	0.0	6.3
25	16.6	26.4	21.3	70.7	0.0	0.0	0.0	4.3
26	15.2	31.4	23.2	52.3	0.0	0.0	0.0	9.6
27	17.2	28.4	22.3	61.3	0.0	0.0	0.0	6.6
28	16.6	29.8	23.1	59.0	0.0	0.0	0.0	8.8
29	15.8	31.2	23.5	57.3	0.0	0.0	0.0	10.1
30	16.2	30.0	22.0	58.3	0.0	.3	.3	7.7
31	17.0	24.5	19.0	83.7	1.1	0.0	1.1	3.3
Total :					86.3	69.7	156.0	180.7
Promedio :	17.2	28.1	22.1	71.4				

Agosto	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	28.0	22.0	63.7	0.0	0.0	0.0	8.1
2	15.6	27.6	21.4	71.7	0.0	0.0	0.0	6.3
3	16.6	25.0	21.4	74.3	.5	0.0	.5	4.5
4	15.4	27.6	22.0	67.3	0.0	.2	.2	7.5
5	16.8	29.0	22.1	67.7	0.0	0.0	0.0	8.5
6	15.6	28.8	23.2	64.3	0.0	0.0	0.0	7.2
7	15.8	28.0	22.4	73.0	2.9	0.0	2.9	3.2
8	17.3	27.0	22.2	70.3	0.0	0.0	0.0	4.6
9	18.0	28.4	22.5	70.7	0.0	0.0	0.0	3.0
10	16.4	31.8	24.7	48.7	0.0	0.0	0.0	7.7
11	17.0	30.2	24.1	50.3	0.0	0.0	0.0	7.4
12	16.4	31.4	23.8	51.7	0.0	0.0	0.0	9.2
13	16.8	27.4	22.9	67.7	0.0	0.0	0.0	4.0
14	17.4	30.4	23.6	58.0	0.0	0.0	0.0	7.8
15	17.8	31.0	25.0	50.0	0.0	0.0	0.0	9.4
16	19.0	32.4	25.6	39.7	0.0	0.0	0.0	9.9
17	17.2	31.6	24.8	45.0	0.0	0.0	0.0	9.4
18	16.8	28.4	22.7	62.0	0.0	0.0	0.0	6.0
19	17.0	26.6	21.9	72.3	0.0	0.0	0.0	1.9
20	17.6	30.4	24.2	68.0	0.0	0.0	0.0	8.5
21	17.0	31.6	24.3	65.7	0.0	0.0	0.0	10.0
22	17.8	29.4	23.8	68.7	0.0	0.0	0.0	6.7
23	18.0	28.6	22.2	72.7	0.0	0.0	0.0	4.9
24	17.0	31.2	23.1	68.0	.2	0.0	.2	8.6
25	18.4	30.2	22.6	75.7	0.0	0.0	0.0	6.3
26	18.0	26.0	21.4	82.3	.2	37.1	37.3	1.1
27	17.8	25.0	21.2	77.7	.5	0.0	.5	2.0
28	17.0	29.2	22.4	71.0	0.0	70.0	70.0	5.0
29	17.2	24.4	20.1	77.3	8.5	0.0	8.5	0.0
30	16.0	28.4	21.3	68.3	0.0	0.0	0.0	5.8
31	18.6	28.6	22.7	70.0	0.0	0.0	0.0	4.6
Total :					12.8	107.3	120.1	189.1
Promedio :	17.0	28.8	22.8	65.6				

Estación : LA CATALINA
Año : 2002

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	17.6	27.4	20.0	86.3	2.5	5.1	7.6	2.5
2	17.4	27.2	21.1	77.7	0.0	0.0	0.0	5.3
3	18.2	29.4	22.2	73.0	.8	2.6	3.4	7.0
4	17.8	29.8	24.0	62.0	0.0	0.0	0.0	10.0
5	16.8	29.6	23.0	65.0	0.0	0.0	0.0	7.2
6	16.5	28.2	23.0	68.0	0.0	0.0	0.0	4.1
7	17.4	29.0	22.4	66.3	.3	0.0	.3	6.6
8	17.2	30.2	24.1	60.7	1.1	0.0	1.1	8.7
9	16.5	26.8	22.3	69.0	0.0	0.0	0.0	2.8
10	17.4	25.6	19.0	86.7	13.5	0.0	13.5	3.5
11	17.8	28.0	21.8	74.7	.2	0.0	.2	4.3
12	16.2	29.6	22.2	75.3	0.0	0.0	0.0	7.9
13	17.0	29.2	23.0	69.3	0.0	0.0	0.0	5.7
14	18.6	26.6	21.2	86.0	2.2	0.0	2.2	1.0
15	18.6	28.8	23.2	74.7	1.9	0.0	1.9	4.7
16	18.4	29.2	22.3	77.0	0.0	0.0	0.0	6.1
17	17.2	27.6	21.6	78.3	2.7	0.0	2.7	1.1
18	18.0	26.0	21.2	79.0	.4	0.0	.4	3.1
19	17.2	27.6	21.0	72.7	.5	0.0	.5	4.0
20	17.5	29.6	23.1	69.0	0.0	0.0	0.0	6.5
21	18.4	30.4	22.2	73.0	4.2	0.0	4.2	7.1
22	17.2	29.6	22.0	72.3	0.0	0.0	0.0	6.2
23	16.8	28.5	22.4	71.0	0.0	29.1	29.1	5.8
24	16.4	27.2	21.2	75.7	.4	4.5	4.9	4.7
25	17.4	27.2	21.1	73.7	.4	25.4	25.8	4.2
26	16.4	24.6	18.7	86.3	3.5	3.4	6.9	3.9
27	17.4	28.4	21.4	74.7	1.0	24.3	25.3	6.5
28	17.0	25.4	19.8	80.7	1.8	0.0	1.8	1.4
29	16.2	28.6	21.6	72.0	0.0	0.0	0.0	6.1
30	17.4	29.4	22.2	70.0	.1	0.0	.1	6.1
31								
Total :					37.5	94.4	131.9	154.1
Promedio :	17.3	28.2	21.8	74.0				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	29.6	23.4	69.7	.3	0.0	.3	7.1
2	17.0	29.4	23.0	62.7	0.0	0.0	0.0	9.0
3	17.4	29.6	22.4	65.3	8.1	0.0	8.1	6.8
4	16.6	29.4	22.9	71.0	2.7	0.0	2.7	8.5
5	18.0	27.2	22.2	77.3	0.0	0.0	0.0	3.7
6	17.2	28.4	21.4	74.3	.3	.2	.5	5.5
7	17.4	26.4	19.6	85.3	27.5	.2	27.7	1.0
8	16.2	27.8	21.2	76.3	10.2	0.0	10.2	7.2
9	17.0	28.0	22.8	70.7	0.0	0.0	0.0	7.0
10	18.8	29.6	23.6	68.7	0.0	10.5	10.5	6.0
11	16.5	25.4	19.8	81.3	1.2	0.0	1.2	3.9
12	16.4	27.4	21.8	71.0	0.0	0.0	0.0	5.7
13	17.6	29.4	22.8	71.7	.2	0.0	.2	5.9
14	17.0	29.0	22.8	66.7	0.0	0.0	0.0	8.2
15	17.4	26.0	21.0	73.7	25.6	0.0	25.6	3.5
16	17.6	28.6	22.1	76.3	.6	25.3	25.9	4.8
17	16.6	24.8	18.8	84.7	.4	2.5	2.9	1.6
18	17.4	26.4	21.3	76.3	0.0	0.0	0.0	2.8
19	17.0	28.8	22.0	72.7	0.0	0.0	0.0	6.6
20	16.4	26.4	19.0	86.0	18.2	1.6	19.8	4.4
21	16.6	27.4	22.0	75.7	0.0	26.0	26.0	3.5
22	17.6	23.6	19.4	90.7	21.1	1.4	22.5	.7
23	16.0	27.6	19.8	81.0	34.7	12.3	47.0	6.0
24	17.0	26.4	20.2	80.0	30.5	1.5	32.0	3.5
25	15.8	27.2	21.3	70.7	0.0	23.2	23.2	5.5
26	17.4	24.6	20.3	81.0	3.3	45.3	48.6	2.5
27	16.6	24.2	20.0	82.0	1.1	0.0	1.1	2.2
28	16.8	27.4	21.1	68.7	0.0	0.0	0.0	7.1
29	17.5	27.0	20.4	79.7	1.2	13.2	14.4	4.6
30	16.2	23.6	19.2	81.7	.8	0:0	.8	2.1
31	17.2	27.5	22.3	71.7	.5	4.4	4.9	6.3
Total :					188.5	167.6	356.1	153.2
Promedio :	17.0	27.2	21.3	75.6				

Estación : LA CATALINA
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 45 ' N
Longitud : 75 ° 44 ' W
Altitud : 1310 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	26.8	19.8	82.0	13.4	7.5	20.9	4.3
2	17.4	25.2	20.3	80.0	.4	9.1	9.5	2.1
3	17.5	22.5	18.4	92.0	24.0	0.0	24.0	.4
4	14.8	27.0	19.9	77.0	0.0	21.0	21.0	5.5
5	15.0	27.3	20.8	74.7	.8	11.5	12.3	7.3
6	16.6	26.4	21.2	75.0	0.0	2.7	2.7	3.1
7	17.6	22.2	19.5	88.7	1.9	30.7	32.6	.3
8	16.4	25.4	19.3	79.0	3.6	.2	3.8	1.4
9	16.0	27.4	20.5	83.0	.6	.3	.9	2.6
10	16.2	27.0	20.8	76.3	5.9	0.0	5.9	5.9
11	16.6	26.7	21.2	73.3	0.0	0.0	0.0	3.8
12	17.4	26.8	21.5	74.3	0.0	0.0	0.0	3.4
13	17.1	26.2	21.0	77.3	.1	34.4	34.5	2.8
14	17.0	27.0	21.0	79.7	0.0	0.0	0.0	3.7
15	18.2	26.4	21.3	79.7	0.0	0.0	0.0	2.6
16	17.2	27.8	22.4	76.3	2.0	0.0	2.0	6.3
17	18.2	26.8	21.2	87.3	.1	1.7	1.8	2.7
18	17.4	26.6	21.2	73.0	0.0	0.0	0.0	4.4
19	17.6	26.4	21.1	79.7	0.0	0.0	0.0	4.3
20	16.8	28.4	22.4	67.0	0.0	0.0	0.0	8.0
21	17.4	29.2	22.6	72.0	1.2	0.0	1.2	3.7
22	18.0	27.2	21.7	85.0	5.8	0.0	5.8	6.5
23	16.4	28.0	22.5	71.7	0.0	0.0	0.0	6.5
24	17.4	27.6	22.3	69.7	0.0	0.0	0.0	6.7
25	17.6	29.4	23.0	71.0	0.0	0.0	0.0	8.1
26	18.0	28.6	23.0	72.0	0.0	0.0	0.0	5.6
27	18.1	29.2	23.6	71.3	1.1	0.0	1.1	6.6
28	19.0	30.0	23.7	69.0	1.9	1.6	3.5	6.5
29	18.4	25.4	21.2	81.0	14.7	0.0	14.7	.6
30	17.4	28.6	22.5	71.7	0.0	0.0	0.0	6.1
31								
Total :					77.5	120.7	198.2	131.8
Promedio :	17.2	27.0	21.4	77.0				

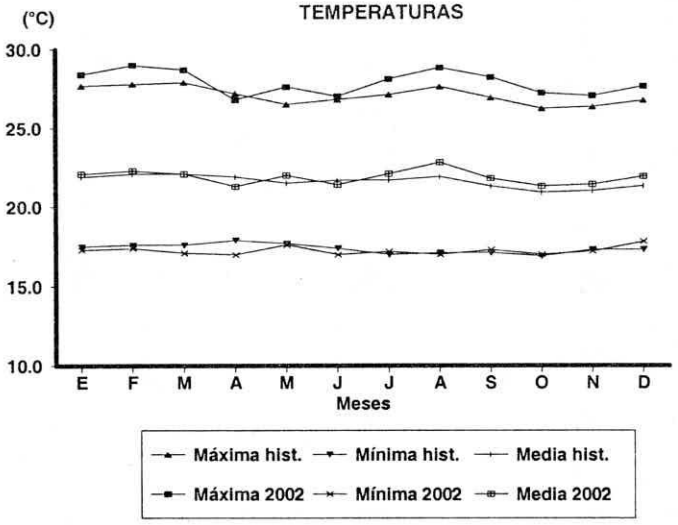
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	29.6	23.0	70.3	0.0	0.0	0.0	8.3
2	18.5	29.8	23.2	71.7	0.0	0.0	0.0	6.4
3	18.4	28.6	23.0	69.0	0.0	0.0	0.0	3.0
4	17.0	28.4	21.7	79.7	.9	0.0	.9	4.3
5	17.2	27.5	21.4	78.3	0.0	31.5	31.5	2.5
6	17.4	26.6	22.2	73.3	0.0	.8	.8	4.0
7	18.0	27.4	21.4	80.0	5.1	.9	6.0	3.7
8	18.4	24.8	20.1	90.3	.1	.2	.3	1.5
9	18.0	28.4	22.1	73.7	0.0	0.0	0.0	7.1
10	17.8	29.2	23.8	68.0	0.0	0.0	0.0	9.4
11	19.4	28.0	22.4	78.3	0.0	0.0	0.0	3.2
12	18.2	29.4	23.1	72.3	0.0	0.0	0.0	8.6
13	18.8	29.0	23.4	70.7	0.0	0.0	0.0	6.8
14	19.6	26.8	21.4	80.7	1.3	28.0	29.3	.1
15	17.8	20.6	18.8	94.7	15.3	1.5	16.8	0.0
16	17.4	25.6	20.2	80.0	0.0	0.0	0.0	2.5
17	17.6	23.0	19.4	86.7	.8	5.4	6.2	0.0
18	17.0	26.0	20.8	80.0	0.0	0.0	0.0	2.0
19	17.2	27.8	21.5	75.0	0.0	0.0	0.0	5.0
20	17.6	26.6	21.0	81.7	.2	0.0	.2	2.6
21	16.4	26.8	21.6	76.0	0.0	0.0	0.0	5.4
22	18.0	28.0	22.3	70.0	.9	0.0	.9	5.6
23	17.2	29.2	22.4	72.3	0.0	0.0	0.0	8.4
24	17.5	28.0	22.1	76.3	0.0	0.0	0.0	6.0
25	17.6	28.4	21.5	79.0	5.9	.1	6.0	5.4
26	17.0	29.6	22.5	72.0	0.0	0.0	0.0	7.9
27	18.4	26.4	21.2	78.7	0.0	0.0	0.0	3.2
28	17.8	28.8	22.6	71.3	0.0	0.0	0.0	6.9
29	18.4	29.0	21.9	76.7	.1	0.0	.1	7.7
30	18.0	29.0	23.7	71.7	0.0	0.0	0.0	6.8
31	17.8	28.8	22.9	72.7	0.0	0.0	0.0	5.3
Total :					30.6	68.4	99.0	149.6
Promedio :	17.8	27.6	21.9	76.5				

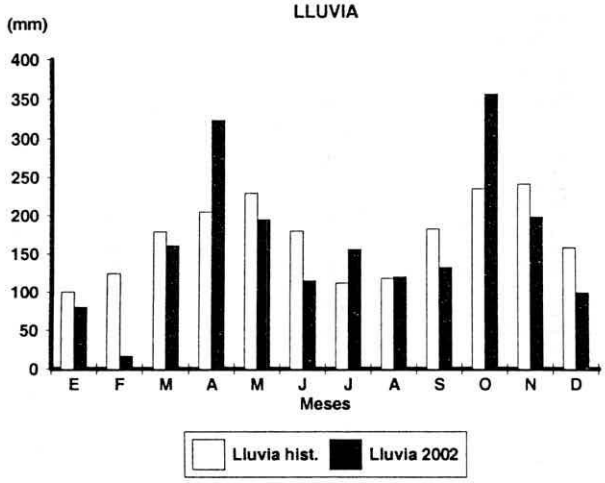
Estación : LA CATALINA
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4° 45 ' N
Longitud : 75° 44 ' W
Altitud : 1310 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	17.3	28.4	22.1	31.4	15.6	72.6	79.9	10	203.3
Febrero	17.4	29.0	22.3	31.6	15.6	70.7	16.2	11	154.1
Marzo	17.1	28.7	22.1	31.2	14.6	72.2	160.6	18	150.8
Abril	17.0	26.8	21.3	30.0	15.0	76.2	323.0	22	101.9
Mayo	17.6	27.6	22.0	31.5	14.6	74.7	194.7	18	125.7
Junio	17.0	27.0	21.4	31.0	15.0	74.2	114.8	17	143.7
Julio	17.2	28.1	22.1	31.4	15.2	71.4	156.0	13	180.7
Agosto	17.0	28.8	22.8	32.4	15.2	65.6	120.1	8	189.1
Septiembre	17.3	28.2	21.8	30.4	16.2	74.0	131.9	19	154.1
Octubre	17.0	27.2	21.3	29.6	15.8	75.6	356.1	23	153.2
Noviembre	17.2	27.0	21.4	30.0	14.8	77.0	198.2	18	131.8
Diciembre	17.8	27.6	21.9	29.8	16.4	76.5	99.0	12	149.6
Promedio :	17.2	27.9	21.9			73.4			
Absoluta :				32.4	14.6				
Total :							1950.5	189	1838.0





Estación : EL CEDRAL
Año : 2002

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	10.2	21.8	14.6	79.0	.5	0.0	.5	5.9
2	9.1	22.2	14.7	82.3	2.0	0.0	2.0	4.6
3	9.3	20.9	15.0	83.7	0.0	0.0	0.0	3.7
4	8.8	21.5	15.1	80.0	0.0	0.0	0.0	5.8
5	9.0	21.2	15.4	82.0	1.7	0.0	1.7	5.3
6	9.6	21.1	15.6	79.0	0.0	2.5	2.5	3.6
7	10.8	21.0	13.7	89.3	73.7	118.5	192.2	1.2
8	11.8	19.0	14.8	84.3	0.0	25.5	25.5	2.8
9	11.0	19.4	13.6	85.3	.7	.3	1.0	2.3
10	9.2	19.9	13.9	84.0	1.5	0.0	1.5	4.2
11	9.0	21.2	14.8	81.0	0.0	0.0	0.0	5.2
12	9.1	20.0	14.6	87.3	0.0	15.0	15.0	3.3
13	12.5	17.4	14.4	89.0	6.0	1.0	7.0	0.0
14	10.2	19.2	13.8	88.3	.8	0.0	.8	2.6
15	9.1	19.6	14.1	81.3	0.0	0.0	0.0	4.7
16	9.5	20.8	15.7	81.7	1.8	0.0	1.8	4.4
17	9.2	21.6	15.0	80.0	0.0	0.0	0.0	4.1
18	9.0	21.8	13.9	83.0	13.4	0.0	13.4	5.1
19	9.2	21.5	15.7	82.0	0.0	0.0	0.0	4.5
20	9.6	20.2	13.6	84.3	21.7	0.0	21.7	2.3
21	9.0	19.6	14.2	83.7	5.4	0.0	5.4	2.8
22	10.3	21.8	15.8	83.0	0.0	0.0	0.0	6.1
23	10.8	22.0	16.3	82.0	0.0	0.0	0.0	5.6
24	11.1	20.8	16.3	83.0	0.0	0.0	0.0	1.7
25	10.9	19.4	15.5	88.0	0.0	0.0	0.0	2.1
26	10.0	20.5	15.7	86.3	0.0	0.0	0.0	2.9
27	10.1	24.0	16.8	76.7	0.0	0.0	0.0	7.9
28	10.9	24.1	18.3	77.0	0.0	0.0	0.0	5.8
29	12.5	23.8	16.4	81.7	0.0	0.0	0.0	4.9
30	12.1	20.5	16.8	84.3	0.0	0.0	0.0	.5
31	10.9	19.2	15.4	89.0	0.0	0.0	0.0	.6
Total :					129.2	162.8	292.0	116.5
Promedio :	10.1	20.9	15.1	83.3				

Febrero	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.0	21.8	15.3	81.0	3.1	0.0	3.1	1.6
2	10.0	20.9	15.4	81.7	7.0	0.0	7.0	3.8
3	11.2	21.0	14.6	93.0	25.0	0.0	25.0	1.4
4	10.0	20.0	15.2	85.3	0.0	0.0	0.0	.3
5	10.2	20.5	16.2	79.3	0.0	0.0	0.0	3.5
6	10.0	23.5	16.7	72.3	0.0	0.0	0.0	8.1
7	9.5	22.2	15.1	78.0	0.0	10.0	10.0	5.4
8	12.1	17.0	14.3	87.3	.5	0.0	.5	.5
9	11.2	18.5	14.2	85.7	10.0	0.0	10.0	1.3
10	9.5	20.0	14.7	84.3	1.0	0.0	1.0	3.1
11	10.0	19.9	14.4	86.3	2.8	0.0	2.8	1.9
12	10.6	20.0	14.8	88.3	24.0	0.0	24.0	2.3
13	11.0	20.5	14.8	80.3	2.7	0.0	2.7	3.0
14	10.2	20.4	14.9	82.3	18.1	0.0	18.1	3.1
15	10.0	20.0	15.5	84.0	.5	0.0	.5	2.9
16	10.6	21.5	16.1	80.3	0.0	0.0	0.0	4.1
17	10.8	23.2	16.6	79.7	0.0	0.0	0.0	5.1
18	12.2	21.4	17.1	81.0	0.0	0.0	0.0	1.9
19	13.5	22.9	16.6	82.3	0.0	0.0	0.0	2.4
20	11.4	21.5	15.8	80.7	1.7	0.0	1.7	3.7
21	11.0	21.0	16.4	80.3	.5	.6	1.1	3.3
22	11.8	20.5	16.0	84.7	.2	.3	.5	.6
23	12.5	21.2	16.7	83.0	0.0	0.0	0.0	2.9
24	11.5	23.5	16.6	72.3	0.0	0.0	0.0	7.5
25	11.0	21.5	15.7	83.0	0.0	0.0	0.0	3.6
26	10.5	20.5	14.4	88.7	4.1	0.0	4.1	2.3
27	11.0	20.2	15.6	85.3	1.5	0.0	1.5	.7
28	10.5	22.0	16.1	86.0	0.0	0.0	0.0	3.6
29								
30								
31								
Total :					102.7	10.9	113.6	83.9
Promedio :	10.9	21.0	15.6	82.7				

Estación : EL CEDRAL
Año : 2002

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	11.0	24.0	17.2	80.7	0.0	0.0	0.0	5.8
2	12.0	22.2	17.0	83.0	0.0	0.0	0.0	4.1
3	10.5	21.5	16.5	82.3	0.0	0.0	0.0	4.2
4	10.3	21.0	14.8	85.0	3.0	0.0	3.0	3.4
5	10.0	21.0	14.6	81.3	.9	0.0	.9	1.6
6	10.2	20.5	14.6	85.0	4.2	0.0	4.2	2.5
7	9.8	21.0	14.9	83.7	0.0	0.0	0.0	1.8
8	10.5	23.4	16.8	81.0	.1	0.0	.1	4.9
9	11.0	21.5	15.9	86.7	.3	0.0	.3	3.3
10	9.0	23.0	16.2	83.7	0.0	0.0	0.0	6.2
11	9.6	21.0	15.3	88.3	0.0	0.0	0.0	2.2
12	12.5	20.0	15.8	84.0	3.9	0.0	3.9	.8
13	11.0	21.0	15.6	93.3	.8	0.0	.8	3.2
14	12.5	20.5	14.6	93.7	4.9	0.0	4.9	1.0
15	11.0	19.5	15.0	88.7	19.1	0.0	19.1	.6
16	11.5	21.0	16.0	90.0	3.4	2.5	5.9	2.5
17	12.5	20.5	15.6	91.3	1.9	0.0	1.9	1.5
18	11.0	22.5	15.2	84.7	62.1	.3	62.4	3.0
19	12.5	17.0	14.2	93.0	32.1	.3	32.4	0.0
20	12.2	19.5	15.4	86.7	9.0	1.1	10.1	.2
21	13.2	17.5	15.6	90.0	1.1	0.0	1.1	0.0
22	11.6	20.4	14.5	88.3	8.8	0.0	8.8	1.0
23	10.4	20.1	14.6	85.7	.4	0.0	.4	1.2
24	10.6	19.9	15.2	87.0	6.5	.9	7.4	.7
25	12.0	22.5	14.4	94.7	5.5	0.0	5.5	4.3
26	10.5	21.0	15.4	87.0	2.8	1.5	4.3	2.4
27	10.7	20.5	14.3	92.3	3.9	0.0	3.9	2.2
28	10.8	21.0	14.0	85.7	64.0	0.0	64.0	2.5
29	10.6	20.0	14.2	91.3	9.7	0.0	9.7	1.9
30	10.0	23.0	16.8	84.7	0.0	0.0	0.0	7.8
31	11.5	22.5	16.7	81.3	2.8	0.0	2.8	5.2
Total :					251.2	6.6	257.8	82.0
Promedio :	11.0	21.0	15.4	86.9				

Abril	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.0	21.5	16.1	83.3	28.5	0.0	28.5	3.2
2	12.7	17.4	14.8	92.7	16.7	0.0	16.7	0.0
3	10.9	22.0	15.2	92.7	5.7	0.0	5.7	2.3
4	12.5	20.6	15.5	90.0	9.2	.6	9.8	1.9
5	10.8	21.5	15.2	82.0	50.4	0.0	50.4	2.9
6	10.5	20.9	15.1	82.7	0.0	0.0	0.0	1.1
7	11.8	17.3	14.0	93.0	11.2	0.0	11.2	.1
8	12.0	17.5	14.4	93.7	10.8	26.9	37.7	.8
9	11.5	19.5	14.8	87.0	.9	35.2	36.1	.7
10	10.0	20.0	14.2	83.3	32.5	6.6	39.1	2.0
11	12.0	18.8	14.6	91.0	22.6	2.5	25.1	1.1
12	11.8	18.5	15.3	87.7	3.5	14.4	17.9	1.9
13	11.5	19.5	13.8	87.0	38.9	0.0	38.9	2.7
14	10.0	19.8	14.5	90.0	1.9	0.0	1.9	3.5
15	10.5	21.5	14.3	86.3	3.4	3.1	6.5	2.7
16	11.0	20.0	14.0	94.3	0.0	0.0	0.0	3.3
17	10.5	20.9	15.0	90.7	30.7	.3	31.0	0.0
18	12.0	17.0	14.4	92.3	11.3	0.0	11.3	0.0
19	10.0	19.4	14.8	89.3	2.2	6.4	8.6	1.3
20	12.1	20.9	15.1	90.0	9.8	.2	10.0	3.6
21	12.4	19.8	15.4	92.0	.6	0.0	.6	1.3
22	11.0	21.5	15.7	86.0	0.0	0.0	0.0	4.7
23	12.5	24.0	17.4	82.7	0.0	1.9	1.9	5.0
24	13.6	18.3	15.4	94.7	36.5	55.0	91.5	0.0
25	12.3	16.5	14.8	92.7	.3	.1	.4	0.0
26	12.5	17.5	15.0	93.3	8.8	5.0	13.8	.2
27	13.2	17.8	14.6	94.7	5.3	0.0	5.3	.5
28	10.5	20.5	14.8	92.0	5.5	6.8	12.3	1.1
29	11.5	20.0	15.2	85.0	13.2	1.4	14.6	3.9
30	10.6	17.8	13.8	95.0	2.7	0.0	2.7	.2
31								
Total :					363.1	166.4	529.5	52.0
Promedio :	11.5	19.6	14.9	89.6				

Estación : EL CEDRAL
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 32 ' W
Altitud : 2120 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	9.8	20.2	14.1	89.0	.2	0.0	.2	1.7
2	11.0	19.4	15.4	90.7	3.5	0.0	3.5	2.6
3	11.5	20.3	14.3	90.0	6.2	0.0	6.2	2.8
4	10.4	21.9	15.7	83.7	0.0	0.0	0.0	4.6
5	11.2	21.0	15.8	89.0	0.0	0.0	0.0	4.3
6	10.5	19.4	13.6	90.3	0.0	0.0	0.0	5.7
7	13.8	24.5	18.0	74.7	0.0	0.0	0.0	3.2
8	12.5	23.6	17.3	67.3	0.0	0.0	0.0	2.8
9	11.2	24.4	16.6	72.7	0.0	0.0	0.0	4.4
10	11.5	22.3	16.0	87.0	3.4	.2	3.6	.5
11	13.2	22.0	17.2	83.0	0.0	0.0	0.0	7.7
12	12.3	24.0	17.3	80.3	0.0	0.0	0.0	8.0
13	13.5	20.6	16.4	83.0	0.0	0.0	0.0	1.6
14	12.0	23.4	16.9	84.7	0.0	0.0	0.0	3.1
15	13.1	21.8	17.1	83.0	0.0	0.0	0.0	2.6
16	13.0	20.7	16.7	84.7	0.0	0.0	0.0	1.2
17	14.0	18.6	15.7	93.3	30.2	.8	31.0	.7
18	12.6	21.0	16.1	92.3	4.3	2.0	6.3	5.5
19	13.4	20.7	16.0	86.3	16.7	.2	16.9	1.3
20	12.0	19.6	15.6	87.3	6.7	0.0	6.7	2.4
21	13.0	17.2	14.7	94.3	5.5	1.2	6.7	0.0
22	13.4	17.5	15.2	92.3	.6	0.0	.6	0.0
23	11.5	21.0	16.2	86.0	1.2	0.0	1.2	2.2
24	13.5	24.0	15.7	89.0	.4	0.0	.4	4.9
25	10.0	16.2	13.3	92.7	62.0	6.0	68.0	0.0
26	10.5	18.5	14.6	92.3	0.0	0.0	0.0	.8
27	12.5	19.0	15.3	91.3	19.5	13.0	32.5	.6
28	11.0	18.5	13.8	88.0	.6	2.4	3.0	.8
29	10.5	18.9	13.4	92.7	0.0	.5	.5	.1
30	11.6	17.8	14.7	89.0	2.0	34.0	36.0	.8
31	11.4	17.3	14.7	94.0	1.0	0.0	1.0	2.0
Total :					164.0	60.3	224.3	78.9
Promedio :	12.0	20.5	15.6	86.9				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	10.0	18.6	14.8	90.3	10.5	.8	11.3	3.1
2	12.7	21.0	15.8	86.3	3.0	3.0	6.0	1.4
3	12.3	19.5	14.8	88.3	0.0	0.0	0.0	1.6
4	11.0	16.6	14.0	94.0	5.2	0.0	5.2	.3
5	12.3	17.4	13.9	94.0	6.0	14.0	20.0	.2
6	12.0	16.8	14.1	88.7	6.0	12.8	18.8	0.0
7	10.7	19.3	13.8	87.3	.5	0.0	.5	.7
8	11.0	21.1	14.6	90.0	0.0	14.2	14.2	3.3
9	11.1	18.3	14.3	87.7	4.2	0.0	4.2	.9
10	11.2	20.3	15.2	91.7	0.0	.3	.3	3.2
11	12.0	19.6	15.3	85.0	5.0	0.0	5.0	.8
12	11.5	21.5	16.0	82.7	0.0	0.0	0.0	3.3
13	12.7	18.3	15.2	91.3	.5	0.0	.5	.8
14	10.8	20.6	15.0	84.7	0.0	.3	.3	4.1
15	11.5	20.0	15.2	88.7	3.2	0.0	3.2	2.8
16	10.5	21.5	14.8	89.3	3.0	0.0	3.0	5.5
17	12.2	19.0	15.2	91.3	.3	0.0	.3	.7
18	11.5	19.2	16.0	86.7	0.0	0.0	0.0	.5
19	11.4	23.3	17.1	75.7	0.0	0.0	0.0	8.3
20	12.5	22.0	16.0	74.3	0.0	0.0	0.0	5.9
21	12.1	23.1	16.2	79.7	0.0	0.0	0.0	1.9
22	13.1	22.5	17.8	65.3	0.0	0.0	0.0	5.0
23	13.0	21.5	17.2	66.0	0.0	0.0	0.0	3.6
24	12.5	23.4	16.3	76.7	0.0	0.0	0.0	5.1
25	12.3	21.0	16.5	83.7	0.0	0.0	0.0	2.7
26	12.0	22.0	16.6	82.7	0.0	0.0	0.0	6.0
27	12.3	21.8	17.4	80.0	0.0	0.0	0.0	2.9
28	12.5	21.5	17.0	85.0	14.0	0.0	14.0	1.2
29	12.4	21.4	15.9	87.0	1.1	0.0	1.1	1.5
30	11.5	23.0	17.1	83.3	0.0	0.0	0.0	4.2
31								
Total :					62.5	45.4	107.9	81.5
Promedio :	11.8	20.5	15.6	84.6				

Estación : EL CEDRAL
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 32 ' W
Altitud : 2120 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.5	23.0	17.0	75.7	0.0	0.0	0.0	5.2
2	12.2	22.5	17.0	80.0	0.0	0.0	0.0	5.6
3	12.0	24.5	17.3	81.0	0.0	0.0	0.0	6.0
4	14.0	23.3	17.8	84.3	0.0	0.0	0.0	3.7
5	13.2	18.4	15.4	95.7	43.1	10.8	53.9	.1
6	12.3	20.7	15.4	92.7	0.0	6.3	6.3	2.3
7	11.4	22.9	16.6	86.3	0.0	0.0	0.0	2.8
8	11.5	23.5	17.0	87.7	0.0	0.0	0.0	5.9
9	11.0	22.5	16.8	84.0	.8	0.0	.8	4.0
10	12.2	20.0	16.0	86.0	1.8	0.0	1.8	.4
11	11.0	20.4	15.4	93.7	5.0	0.0	5.0	2.5
12	12.0	22.9	16.7	82.7	0.0	0.0	0.0	7.0
13	13.0	24.0	18.2	69.7	0.0	0.0	0.0	9.0
14	11.5	21.5	16.9	85.0	0.0	0.0	0.0	2.5
15	11.5	20.2	16.0	89.0	4.2	0.0	4.2	3.0
16	12.0	20.5	16.3	83.3	3.8	0.0	3.8	1.4
17	12.5	20.2	15.9	87.3	0.0	.9	.9	2.0
18	12.3	18.6	14.8	91.3	0.0	0.0	0.0	1.8
19	11.0	20.2	14.3	92.7	0.0	0.0	0.0	2.5
20	10.2	20.0	14.0	90.0	.8	0.0	.8	1.1
21	10.8	17.5	12.9	96.7	6.8	.1	6.9	2.0
22	9.3	21.0	15.7	87.0	2.9	0.0	2.9	3.1
23	11.4	21.2	14.8	92.3	2.0	0.0	2.0	3.0
24	11.8	22.3	15.9	87.7	0.0	0.0	0.0	3.2
25	12.3	20.1	15.1	89.7	.2	0.0	.2	1.3
26	10.5	25.5	17.0	67.0	0.0	0.0	0.0	7.6
27	11.0	20.8	15.3	82.7	0.0	0.0	0.0	2.1
28	11.2	23.2	16.4	77.3	0.0	0.0	0.0	7.6
29	11.7	23.5	15.8	68.3	0.0	0.0	0.0	6.5
30	11.5	22.3	15.7	66.3	0.0	0.0	0.0	6.6
31	11.0	18.5	14.0	89.0	6.9	0.0	6.9	.5
Total :					78.3	18.1	96.4	112.3
Promedio :	11.7	21.5	15.9	84.6				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	10.0	22.5	15.5	84.0	0.0	0.0	0.0	8.6
2	11.0	22.0	15.4	91.7	0.0	0.0	0.0	4.5
3	10.0	21.6	14.4	91.0	2.6	0.0	2.6	2.7
4	9.8	20.7	15.0	85.0	0.0	.4	.4	4.0
5	11.5	22.8	15.6	81.3	0.0	0.0	0.0	6.8
6	10.5	21.5	16.3	79.3	0.0	0.0	0.0	4.3
7	11.5	21.2	16.4	86.7	0.0	0.0	0.0	2.0
8	12.0	22.0	15.8	87.7	0.0	.5	.5	2.7
9	12.5	21.5	15.4	85.3	.4	0.0	.4	2.4
10	11.5	23.7	18.4	57.0	0.0	0.0	0.0	7.1
11	12.5	21.5	16.3	68.3	0.0	0.0	0.0	7.0
12	11.0	24.0	16.7	71.7	0.0	0.0	0.0	8.6
13	12.5	21.0	17.1	81.3	0.0	0.0	0.0	2.5
14	12.4	24.0	17.0	74.0	0.0	0.0	0.0	6.5
15	13.5	24.0	18.2	73.3	0.0	.4	.4	6.9
16	13.4	24.9	17.5	76.7	0.0	0.0	0.0	8.7
17	11.5	24.5	16.7	72.0	0.0	0.0	0.0	7.9
18	11.0	22.4	15.8	82.7	0.0	0.0	0.0	3.7
19	10.0	21.0	14.0	92.7	1.4	0.0	1.4	4.0
20	11.4	23.3	17.2	78.0	0.0	0.0	0.0	6.7
21	11.0	26.0	17.1	74.0	0.0	0.0	0.0	8.7
22	11.5	23.2	16.5	81.7	0.0	0.0	0.0	5.9
23	11.4	25.0	16.5	70.3	0.0	0.0	0.0	3.4
24	10.5	22.6	15.8	82.7	.3	0.0	.3	5.7
25	12.0	21.8	16.2	84.3	4.4	0.0	4.4	2.6
26	12.3	18.8	15.0	93.3	1.0	2.0	3.0	.6
27	13.0	18.0	15.0	93.7	1.9	0.0	1.9	.1
28	10.5	20.5	13.8	92.0	2.1	.3	2.4	2.2
29	12.5	16.6	14.0	95.3	11.7	.2	11.9	0.0
30	10.0	20.5	14.7	89.0	2.0	0.0	2.0	3.3
31	11.7	21.0	16.2	84.7	0.0	0.0	0.0	2.3
Total :					27.8	3.8	31.6	142.4
Promedio :	11.5	22.1	16.0	82.0				

Estación : EL CEDRAL
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 32 ' W
Altitud : 2120 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.5	21.5	15.6	87.3	18.0	1.0	19.0	1.0
2	13.2	20.5	15.7	91.0	.2	0.0	.2	2.5
3	13.0	23.1	17.0	82.0	0.0	1.6	1.6	7.6
4	12.5	23.5	17.0	80.3	0.0	0.0	0.0	8.5
5	10.5	22.3	16.5	80.0	0.0	0.0	0.0	4.8
6	11.0	22.5	17.0	79.0	0.0	0.0	0.0	3.3
7	11.7	23.9	16.7	79.7	0.0	0.0	0.0	5.8
8	11.0	23.8	16.8	75.3	0.0	0.0	0.0	6.4
9	10.0	20.6	15.2	88.3	0.0	0.0	0.0	2.0
10	10.8	20.5	14.2	90.3	1.2	0.0	1.2	2.5
11	12.0	22.0	16.0	85.0	0.0	0.0	0.0	2.7
12	9.8	22.5	15.6	85.3	0.0	0.0	0.0	5.1
13	11.0	22.0	16.6	83.0	0.0	0.0	0.0	6.3
14	11.4	21.5	16.6	84.7	0.0	0.0	0.0	2.0
15	12.0	21.2	16.1	83.3	.5	0.0	.5	2.0
16	12.2	21.6	15.9	86.3	0.0	0.0	0.0	3.8
17	10.5	19.2	14.8	87.0	1.6	.1	1.7	0.0
18	11.3	16.6	14.6	89.7	.1	2.7	2.8	0.0
19	11.5	22.0	15.0	92.0	.9	0.0	.9	3.0
20	11.8	21.0	17.0	86.0	0.0	0.0	0.0	3.0
21	12.0	22.0	15.2	95.0	6.1	.1	6.2	4.4
22	9.0	20.5	13.8	90.0	7.8	0.0	7.8	2.9
23	11.0	21.0	13.5	95.3	28.8	0.0	28.8	3.0
24	10.0	20.0	15.2	85.3	.6	0.0	.6	2.0
25	10.8	19.5	14.2	84.7	17.2	21.6	38.8	0.0
26	11.8	19.0	13.9	94.0	4.7	3.8	8.5	0.0
27	11.5	20.0	15.1	88.0	4.7	6.1	10.8	0.0
28	11.8	16.7	14.4	92.3	16.7	0.0	16.7	0.0
29	10.3	20.0	15.3	90.0	0.0	0.0	0.0	0.0
30	10.0	23.0	15.0	83.3	0.0	0.0	0.0	0.0
31								
Total :					109.1	37.0	146.1	84.6
Promedio :	11.2	21.1	15.5	86.4				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	10.0	21.5	16.0	83.3	0.0	0.0	0.0	1.2
2	10.3	22.5	15.4	80.7	0.0	0.0	0.0	.6
3	10.0	25.5	16.8	74.3	0.0	0.0	0.0	2.5
4	10.5	23.0	16.4	83.7	0.0	0.0	0.0	3.8
5	11.0	20.2	15.5	85.0	0.0	0.0	0.0	1.8
6	11.2	20.1	14.9	88.0	2.8	0.0	2.8	1.7
7	11.8	20.0	15.6	91.0	2.6	1.2	3.8	1.2
8	10.8	21.5	14.6	91.0	3.6	0.0	3.6	2.5
9	10.0	20.0	14.4	96.0	13.0	0.0	13.0	3.6
10	11.0	22.8	16.2	83.0	9.8	12.7	22.5	3.7
11	11.8	21.0	15.5	85.0	0.0	0.0	0.0	3.3
12	10.7	20.2	15.1	89.7	0.0	0.0	0.0	3.2
13	12.0	20.8	15.0	86.7	0.0	0.0	0.0	2.8
14	10.0	20.5	14.0	95.3	9.7	0.0	9.7	2.5
15	11.0	19.0	15.2	93.7	.9	0.0	.9	1.8
16	10.8	21.0	15.5	82.3	0.0	0.0	0.0	3.3
17	11.7	18.8	14.2	91.3	2.7	.2	2.9	.8
18	11.2	18.5	15.0	88.3	.2	0.0	.2	.2
19	10.0	20.6	13.3	94.0	7.6	0.0	7.6	3.0
20	9.8	19.7	14.3	89.3	4.1	.7	4.8	2.1
21	11.6	18.2	14.5	95.0	.8	0.0	.8	.7
22	12.3	16.6	14.4	94.0	5.5	.9	6.4	0.0
23	10.5	20.0	15.0	89.0	18.3	12.8	31.1	2.8
24	12.0	19.5	14.2	91.7	.5	0.0	.5	2.2
25	11.0	19.8	14.4	92.7	7.5	0.0	7.5	2.7
26	11.4	19.0	14.2	94.3	9.2	15.9	25.1	1.8
27	12.0	17.5	13.6	96.0	5.3	0.0	5.3	1.1
28	11.9	18.7	13.2	96.7	40.3	1.5	41.8	3.0
29	11.4	16.9	14.0	94.3	3.5	52.0	55.5	0.0
30	11.7	17.7	13.8	96.3	11.4	0.0	11.4	.2
31	10.7	20.1	15.5	89.0	.1	0.0	.1	4.6
Total :					159.4	97.9	257.3	64.7
Promedio :	11.0	20.0	14.8	89.7				

Estación : EL CEDRAL
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 32 ' W
Altitud : 2120 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	10.0	19.2	14.2	89.0	2.1	.4	2.5	1.7
2	11.9	17.8	14.2	95.7	11.2	.1	11.3	.4
3	11.8	16.2	13.8	96.0	46.3	.6	46.9	.5
4	9.5	20.5	13.6	88.0	3.7	4.4	8.1	3.7
5	11.0	18.5	13.8	96.3	5.2	9.5	14.7	2.0
6	12.2	17.3	14.6	93.3	.6	.8	1.4	.8
7	12.0	16.0	13.8	96.3	13.3	5.1	18.4	0.0
8	12.0	17.1	13.8	95.3	2.4	0.0	2.4	.1
9	11.8	19.9	14.4	94.0	.6	0.0	.6	1.3
10	10.0	18.8	13.6	93.0	.4	0.0	.4	3.0
11	9.8	18.6	14.1	94.7	1.3	0.0	1.3	2.3
12	10.5	18.8	14.5	90.0	1.7	0.0	1.7	2.0
13	10.8	18.5	15.2	87.7	3.4	5.8	9.2	.4
14	12.5	19.8	16.0	90.3	0.0	0.0	0.0	1.5
15	10.0	20.0	14.0	94.0	14.0	0.0	14.0	2.7
16	11.0	21.5	15.6	90.0	0.0	0.0	0.0	4.1
17	11.2	18.5	14.8	93.3	10.4	0.0	10.4	1.4
18	10.3	18.2	13.1	95.0	3.2	0.0	3.2	2.3
19	9.7	19.9	14.2	89.7	1.9	0.0	1.9	3.0
20	9.3	20.4	14.9	86.7	0.0	0.0	0.0	3.5
21	10.0	19.7	14.8	89.7	3.1	0.0	3.1	1.6
22	10.1	21.6	15.6	90.7	0.0	0.0	0.0	5.1
23	11.0	20.9	15.8	82.7	0.0	0.0	0.0	3.3
24	10.2	21.0	15.2	86.3	0.0	0.0	0.0	1.1
25	10.0	20.9	15.9	88.7	6.9	0.0	6.9	3.7
26	10.8	22.2	16.1	91.0	0.0	0.0	0.0	4.4
27	11.1	22.6	16.5	90.3	1.0	0.0	1.0	5.3
28	11.0	21.5	15.8	87.7	3.0	0.0	3.0	3.3
29	11.5	19.6	15.1	94.3	.5	0.0	.5	1.6
30	10.9	21.4	15.4	85.7	0.0	0.0	0.0	3.1
31								
Total :					136.2	26.7	162.9	69.2
Promedio :	10.8	19.6	14.7	91.2				

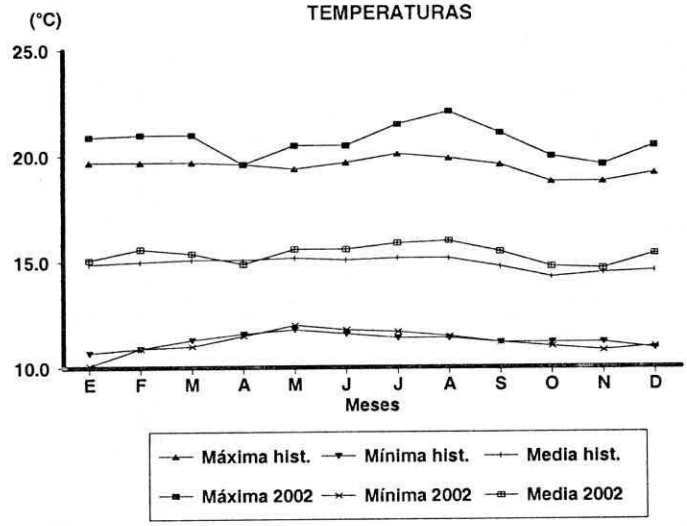
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	10.8	22.0	14.8	86.0	6.3	0.0	6.3	3.3
2	10.7	22.9	15.8	86.7	0.0	0.0	0.0	5.2
3	11.0	21.2	15.6	89.7	4.0	0.0	4.0	2.1
4	10.4	20.9	14.8	88.0	3.1	0.0	3.1	3.5
5	10.3	20.5	15.3	93.3	.8	24.9	25.7	3.2
6	12.5	19.0	15.2	91.0	3.9	0.0	3.9	1.1
7	11.0	20.0	15.0	86.0	5.1	0.0	5.1	1.5
8	10.8	20.2	15.4	85.0	13.3	1.3	14.6	2.6
9	13.0	21.5	16.1	85.0	21.2	.2	21.4	2.4
10	10.9	22.0	16.2	83.3	1.7	0.0	1.7	4.0
11	12.0	21.5	16.4	88.0	0.0	0.0	0.0	.8
12	9.5	23.3	16.8	79.0	0.0	0.0	0.0	6.1
13	10.9	22.0	17.2	77.3	1.9	2.1	4.0	4.0
14	13.1	19.0	15.4	93.3	16.5	1.8	18.3	.1
15	13.0	16.9	14.6	91.0	15.7	1.0	16.7	0.0
16	11.7	17.2	14.3	93.0	27.1	9.0	36.1	.1
17	12.8	16.2	14.0	94.0	17.1	1.4	18.5	0.0
18	12.0	18.8	14.2	92.3	15.7	0.0	15.7	.7
19	11.8	20.8	15.0	92.0	1.8	0.0	1.8	2.9
20	10.2	20.0	16.0	86.0	2.2	0.0	2.2	2.1
21	10.8	18.7	15.0	85.7	.1	0.0	.1	1.5
22	10.0	20.5	15.3	83.0	.3	0.0	.3	3.1
23	9.9	21.0	15.4	84.7	1.5	0.0	1.5	4.0
24	10.2	20.8	16.2	83.3	0.0	0.0	0.0	3.0
25	10.0	22.0	15.7	82.0	1.9	0.0	1.9	3.0
26	10.5	22.9	16.4	80.7	0.0	0.0	0.0	5.5
27	10.4	20.5	14.6	90.0	1.0	0.0	1.0	3.0
28	9.3	21.5	15.0	78.0	26.4	0.0	26.4	4.0
29	10.0	20.8	14.4	85.0	7.6	0.0	7.6	3.4
30	11.0	21.0	16.4	83.3	1.1	0.0	1.1	3.0
31	10.2	20.5	16.4	90.0	0.0	7.0	7.0	1.9
Total :					197.3	48.7	246.0	81.1
Promedio :	11.0	20.5	15.4	86.6				

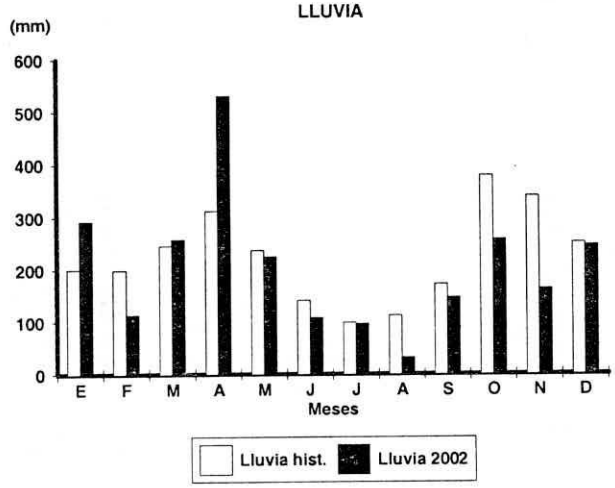
Estación : EL CEDRAL
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4° 42 ' N
Longitud : 75° 32 ' W
Altitud : 2120 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	10.1	20.9	15.1	24.1	8.8	83.3	292.0	15	116.5
Febrero	10.9	21.0	15.6	23.5	9.5	82.7	113.6	17	83.9
Marzo	11.0	21.0	15.4	24.0	9.0	86.9	257.8	24	82.0
Abril	11.5	19.6	14.9	24.0	10.0	89.6	529.5	27	52.0
Mayo	12.0	20.5	15.6	24.5	9.8	86.9	224.3	18	78.9
Junio	11.8	20.5	15.6	23.4	10.0	84.6	107.9	17	81.5
Julio	11.7	21.5	15.9	25.5	9.3	84.6	96.4	14	112.3
Agosto	11.5	22.1	16.0	26.0	9.8	82.0	31.6	13	142.4
Septiembre	11.2	21.1	15.5	23.9	9.0	86.4	146.1	16	84.6
Octubre	11.0	20.0	14.8	25.5	9.8	89.7	257.3	22	64.7
Noviembre	10.8	19.6	14.7	22.6	9.3	91.2	162.9	22	69.2
Diciembre	11.0	20.5	15.4	23.3	9.3	86.6	246.0	26	81.1
Promedio :	11.2	20.7	15.4			86.2			
Absoluta :				26.0	8.8				
Total :							2465.4	231	1049.1





Estación : SAN ANTONIO
Año : 2002

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7 ° 6 ' N
Longitud : 73 ° 4 ' W
Altitud : 1480 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	24.8	19.9	75.3	0.0	0.0	0.0	6.5
2	16.7	24.6	20.0	71.7	0.0	0.0	0.0	7.2
3	16.8	24.0	19.6	75.3	0.0	0.0	0.0	7.5
4	16.0	24.8	19.2	79.3	0.0	0.0	0.0	8.1
5	16.2	23.0	19.4	69.7	0.0	0.0	0.0	5.1
6	16.4	24.9	20.0	70.7	0.0	0.0	0.0	6.1
7	17.3	24.8	19.6	74.3	0.0	0.0	0.0	6.4
8	16.0	23.7	19.1	81.0	0.0	33.7	33.7	4.4
9	15.9	23.2	18.8	85.3	0.0	0.0	0.0	2.2
10	16.7	23.0	19.2	78.7	0.0	0.0	0.0	4.1
11	16.3	23.8	19.0	71.7	0.0	0.0	0.0	5.6
12	16.2	24.5	18.9	79.0	0.0	.4	.4	6.5
13	16.9	22.6	18.9	84.7	0.0	0.0	0.0	5.0
14	17.0	24.7	20.0	79.7	0.0	0.0	0.0	7.2
15	17.3	24.5	19.8	75.7	0.0	0.0	0.0	6.1
16	17.0	23.5	19.2	74.7	0.0	0.0	0.0	6.0
17	16.0	26.4	20.0	70.3	0.0	0.0	0.0	10.1
18	16.6	23.0	19.3	74.3	0.0	0.0	0.0	6.0
19	16.5	26.3	20.0	63.3	0.0	0.0	0.0	10.1
20	16.7	24.7	19.3	78.3	0.0	0.0	0.0	7.1
21	17.2	26.3	20.2	77.3	0.0	0.0	0.0	8.2
22	17.0	24.6	19.2	78.3	8.2	.1	8.3	5.7
23	17.1	23.6	19.6	69.7	.2	0.0	.2	2.9
24	18.2	25.7	20.6	62.3	0.0	0.0	0.0	6.7
25	17.9	26.8	20.9	71.7	0.0	0.0	0.0	8.5
26	18.2	26.7	21.0	62.3	0.0	0.0	0.0	10.0
27	17.4	27.3	21.2	50.3	0.0	0.0	0.0	10.1
28	17.9	27.4	21.7	56.0	0.0	0.0	0.0	10.1
29	18.2	26.8	21.5	65.3	0.0	.6	.6	9.0
30	18.0	24.8	20.4	72.0	.2	0.0	.2	4.0
31	17.9	25.7	20.6	74.0	1.2	5.5	6.7	6.8
Total :					9.8	40.3	50.1	209.3
Promedio :	17.0	24.9	19.9	72.7				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	25.6	20.9	69.3	0.0	0.0	0.0	7.8
2	16.8	26.0	21.2	71.3	0.0	20.4	20.4	7.3
3	17.8	21.7	19.1	90.3	0.0	7.6	7.6	.4
4	17.3	24.9	19.4	80.3	0.0	5.6	5.6	3.9
5	16.6	24.6	18.5	80.7	0.0	0.0	0.0	4.6
6	16.4	23.6	19.2	74.0	0.0	0.0	0.0	3.8
7	16.2	20.8	18.5	80.7	0.0	.1	.1	.5
8	15.9	22.4	18.6	84.7	0.0	3.8	3.8	1.0
9	16.5	22.7	18.5	85.0	10.4	0.0	10.4	1.7
10	16.0	24.9	19.5	78.3	0.0	0.0	0.0	5.0
11	16.9	24.5	19.5	77.7	0.0	0.0	0.0	3.7
12	17.2	25.5	19.8	76.3	0.0	0.0	0.0	6.1
13	17.0	25.4	19.9	69.0	0.0	0.0	0.0	5.8
14	17.3	24.7	20.0	74.3	0.0	0.0	0.0	6.5
15	16.9	24.6	19.9	75.7	0.0	.1	.1	5.9
16	17.1	25.7	20.3	79.7	0.0	0.0	0.0	10.5
17	17.3	23.2	19.9	79.7	0.0	0.0	0.0	2.3
18	17.1	23.7	19.9	83.7	0.0	0.0	0.0	3.8
19	16.6	23.3	19.7	83.3	0.0	0.0	0.0	4.0
20	17.2	25.9	20.0	76.3	0.0	0.0	0.0	6.9
21	17.6	26.9	21.4	67.3	0.0	0.0	0.0	9.7
22	18.4	27.3	21.2	71.3	0.0	0.0	0.0	9.2
23	17.6	25.4	20.2	78.3	0.0	0.0	0.0	1.5
24	17.4	25.2	19.8	82.0	0.0	0.0	0.0	4.3
25	17.5	24.9	20.8	68.3	0.0	0.0	0.0	6.4
26	17.6	24.6	20.5	75.0	0.0	3.4	3.4	4.8
27	17.4	22.3	19.2	88.3	.2	0.0	.2	.5
28	16.4	24.9	19.8	80.0	0.0	0.0	0.0	5.7
29								
30								
31								
Total :					10.6	41.0	51.6	133.6
Promedio :	17.0	24.5	19.8	77.9				

Estación : SAN ANTONIO
Año : 2002

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	24.7	20.4	69.3	0.0	0.0	0.0	8.1
2	17.6	26.7	21.6	56.3	0.0	0.0	0.0	8.4
3	17.7	25.9	21.0	67.0	0.0	0.0	0.0	8.9
4	16.7	25.6	20.5	74.3	0.0	0.0	0.0	7.3
5	16.5	23.8	19.2	81.0	0.0	0.0	0.0	3.4
6	17.2	24.3	19.6	76.7	0.0	0.0	0.0	3.0
7	16.5	24.8	20.4	68.3	0.0	0.0	0.0	5.2
8	17.4	25.1	21.0	68.7	0.0	0.0	0.0	6.7
9	17.5	25.9	21.3	61.3	0.0	2.8	2.8	7.9
10	17.3	24.8	20.4	77.7	0.0	0.0	0.0	3.1
11	17.4	25.2	20.2	72.0	0.0	0.0	0.0	4.8
12	17.1	20.0	18.4	92.7	10.5	0.0	10.5	0.0
13	17.0	26.6	21.0	68.0	3.8	0.0	3.8	6.8
14	17.1	25.0	19.6	77.7	32.6	.4	33.0	4.1
15	17.7	23.8	19.1	84.0	.7	0.0	.7	.6
16	17.5	25.0	20.8	77.3	.6	.2	.8	4.3
17	17.4	24.5	19.4	80.0	23.1	0.0	23.1	2.3
18	16.9	25.6	20.6	70.3	0.0	17.3	17.3	6.4
19	17.2	23.2	19.6	83.3	.1	0.0	.1	.8
20	17.3	22.7	19.2	88.0	0.0	.6	.6	.3
21	17.5	22.0	18.7	84.7	.9	.1	1.0	.1
22	17.2	22.4	19.4	88.7	.1	2.0	2.1	.5
23	17.7	22.5	19.3	87.7	0.0	0.0	0.0	2.3
24	16.8	24.0	20.5	76.7	.1	0.0	.1	4.7
25	17.4	27.2	21.3	68.0	0.0	0.0	0.0	6.3
26	18.5	28.5	21.5	73.0	5.4	.2	5.6	8.0
27	17.5	24.6	19.6	85.7	3.4	2.9	6.3	5.1
28	17.0	26.2	20.4	78.3	0.0	8.4	8.4	7.0
29	16.8	24.3	19.0	84.7	12.8	1.0	13.8	3.7
30	17.3	23.4	19.7	84.3	0.0	0.0	0.0	2.9
31	18.7	26.4	21.8	79.0	0.0	0.0	0.0	8.3
Total :					94.1	35.9	130.0	141.3
Promedio :	17.3	24.7	20.1	76.9				

Abril	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.2	25.3	21.6	73.3	0.0	0.0	0.0	1.7
2	18.2	21.4	19.1	90.3	7.9	.2	8.1	0.0
3	17.6	24.3	20.6	77.7	0.0	0.0	0.0	4.9
4	18.2	26.5	20.2	81.3	25.9	0.0	25.9	3.5
5	18.3	25.7	20.7	75.7	.6	.4	1.0	4.7
6	17.5	26.0	20.3	82.3	.1	0.0	.1	3.8
7	17.4	21.0	18.7	86.3	3.0	.5	3.5	1.5
8	16.5	20.9	18.3	87.7	3.5	.4	3.9	1.3
9	16.9	21.5	18.6	88.3	0.0	.2	.2	.8
10	17.1	22.6	19.0	85.7	0.0	5.1	5.1	3.8
11	16.4	23.9	19.0	82.0	0.0	2.6	2.6	4.3
12	15.9	21.9	18.6	86.7	2.5	.5	3.0	3.5
13	16.3	23.5	18.4	83.7	.2	1.1	1.3	1.6
14	16.1	23.1	19.2	76.0	0.0	8.1	8.1	4.3
15	17.0	23.2	19.7	84.0	2.8	.8	3.6	2.8
16	16.9	25.4	20.1	74.7	.8	0.0	.8	5.0
17	17.9	24.0	19.3	82.3	22.2	2.4	24.6	1.9
18	17.4	24.8	19.6	81.7	3.0	3.4	6.4	5.4
19	16.5	24.6	19.7	84.0	1.3	8.5	9.8	3.1
20	17.0	22.2	19.7	83.7	.2	2.0	2.2	2.3
21	17.2	24.5	19.8	77.0	1.9	.3	2.2	.4
22	17.5	23.5	20.2	84.0	3.5	0.0	3.5	3.4
23	17.8	23.4	20.0	79.7	10.4	.7	11.1	.6
24	17.5	23.6	20.0	79.3	0.0	0.0	0.0	.9
25	17.3	22.5	18.7	86.0	1.4	.4	1.8	.6
26	16.5	22.4	19.2	84.3	0.0	7.1	7.1	1.3
27	16.9	22.6	19.0	79.7	1.5	.5	2.0	.8
28	16.3	23.4	19.0	83.3	1.5	0.0	1.5	.9
29	16.9	22.9	19.6	82.7	.6	0.0	.6	3.2
30	18.2	24.0	19.6	82.3	.5	2.9	3.4	.6
31								
Total :					95.3	48.1	143.4	72.9
Promedio :	17.2	23.5	19.5	82.2				

Estación : SAN ANTONIO
Año : 2002

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	17.5	23.5	18.9	89.7	2.1	0.0	2.1	3.8
2	17.7	24.8	21.0	75.7	0.0	0.0	0.0	4.5
3	17.8	25.7	21.3	66.7	1.8	.1	1.9	4.3
4	17.3	25.5	20.9	78.7	.2	0.0	.2	5.1
5	18.0	27.5	21.8	63.7	0.0	0.0	0.0	9.4
6	17.9	26.7	20.6	69.7	3.1	0.0	3.1	5.7
7	18.2	25.4	20.6	74.3	.4	.1	.5	3.5
8	18.1	26.9	21.4	74.7	0.0	0.0	0.0	5.0
9	18.5	27.5	21.4	76.7	0.0	0.0	0.0	7.3
10	18.7	25.5	21.7	79.0	2.0	0.0	2.0	1.9
11	18.8	26.9	21.6	71.7	0.0	0.0	0.0	6.5
12	18.4	27.4	22.3	72.0	0.0	0.0	0.0	8.1
13	19.9	25.2	21.8	76.0	.1	.2	.3	2.5
14	19.0	24.9	21.2	83.0	4.6	0.0	4.6	1.1
15	19.2	25.5	21.8	75.7	0.0	1.9	1.9	.7
16	18.0	25.0	20.5	78.7	0.0	0.0	0.0	2.9
17	18.9	23.8	20.5	75.0	.9	.1	1.0	3.0
18	17.5	23.9	20.4	76.0	.1	.2	.3	1.3
19	17.4	24.5	20.0	76.0	0.0	0.0	0.0	3.4
20	17.8	23.6	19.2	88.3	18.6	0.0	18.6	3.2
21	17.1	23.4	19.4	85.7	3.0	0.0	3.0	.7
22	17.5	21.8	18.4	85.3	10.9	0.0	10.9	.2
23	17.4	22.6	19.0	79.7	6.3	0.0	6.3	1.2
24	17.8	27.5	21.4	69.7	0.0	3.0	3.0	5.2
25	16.0	22.6	19.7	77.3	.3	17.3	17.6	1.7
26	16.3	22.0	18.0	88.7	.8	0.0	.8	1.8
27	15.9	24.9	19.6	75.7	0.0	0.0	0.0	2.8
28	15.8	21.5	18.7	87.3	26.1	4.1	30.2	.4
29	16.0	23.5	19.0	65.7	0.0	1.2	1.2	1.8
30	15.9	22.0	18.7	75.3	1.6	1.4	3.0	1.2
31	16.0	21.8	18.7	86.0	3.4	0.0	3.4	.1
Total :					86.3	29.6	115.9	100.3
Promedio :	17.6	24.6	20.3	77.3				

Junio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	23.7	19.4	82.0	14.7	1.2	15.9	2.2
2	16.7	23.0	19.9	78.3	0.0	0.0	0.0	2.6
3	16.6	24.0	19.3	81.7	9.2	0.0	9.2	2.4
4	16.1	22.6	19.0	84.7	10.1	6.2	16.3	.5
5	16.0	21.7	18.2	88.0	2.0	1.3	3.3	.4
6	15.4	23.0	18.2	82.7	5.9	3.6	9.5	.7
7	16.0	22.7	19.3	77.3	.2	0.0	.2	1.3
8	16.9	26.5	20.2	79.0	10.2	1.8	12.0	4.0
9	16.5	22.4	18.9	83.0	.8	0.0	.8	1.2
10	16.7	25.2	19.5	76.3	.5	1.1	1.6	4.7
11	16.2	24.4	19.4	72.7	3.5	0.0	3.5	3.6
12	16.9	24.2	19.8	76.0	.7	0.0	.7	3.5
13	16.4	22.5	18.4	86.7	0.0	0.0	0.0	1.6
14	17.5	23.6	19.6	81.3	.8	0.0	.8	1.9
15	15.8	22.5	18.4	87.3	10.0	16.0	26.0	2.7
16	17.1	24.5	20.1	79.0	0.0	14.0	14.0	5.4
17	16.5	24.8	19.9	71.3	0.0	4.0	4.0	3.0
18	16.9	20.8	18.6	86.3	3.3	0.0	3.3	.1
19	17.0	23.4	19.5	78.7	.1	0.0	.1	1.7
20	17.7	24.0	19.5	81.3	2.7	0.0	2.7	2.0
21	17.5	25.9	20.4	73.3	0.0	0.0	0.0	5.1
22	17.7	25.8	20.6	72.7	2.3	0.0	2.3	6.0
23	17.4	24.7	20.2	77.0	.7	0.0	.7	5.2
24	17.5	23.7	19.2	78.0	2.4	0.0	2.4	3.2
25	17.2	23.4	19.7	75.7	6.7	0.0	6.7	3.5
26	17.5	23.9	19.8	77.7	2.0	0.0	2.0	2.7
27	18.0	24.3	20.5	71.3	0.0	0.0	0.0	1.5
28	18.6	24.8	20.2	73.3	2.5	0.0	2.5	1.4
29	18.3	24.7	20.5	78.3	1.8	0.0	1.8	1.8
30	17.5	26.9	21.3	67.7	0.0	0.0	0.0	7.2
31								
Total :					93.1	49.2	142.3	83.1
Promedio :	17.0	23.9	19.6	78.6				

Estación : SAN ANTONIO
Año : 2002

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7 ° 6 ' N
Longitud : 73 ° 4 ' W
Altitud : 1480 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	25.7	20.7	65.0	0.0	0.0	0.0	6.0
2	18.7	24.8	20.7	76.7	0.0	0.0	0.0	6.3
3	18.5	25.4	21.3	74.0	0.0	0.0	0.0	5.0
4	17.7	25.5	20.6	79.7	.3	0.0	.3	2.2
5	16.1	24.5	19.1	82.7	28.3	7.4	35.7	3.3
6	16.0	22.7	18.5	82.0	10.2	.4	10.6	2.6
7	17.2	24.0	20.1	81.0	0.0	0.0	0.0	3.2
8	17.4	24.8	20.5	80.3	0.0	0.0	0.0	6.3
9	17.6	25.6	20.8	76.3	0.0	0.0	0.0	5.5
10	18.0	24.2	20.0	78.7	2.9	2.1	5.0	3.2
11	17.8	22.7	19.8	82.3	.7	0.0	.7	.3
12	17.0	24.6	20.1	80.0	0.0	0.0	0.0	4.1
13	16.7	24.8	20.1	69.3	4.0	0.0	4.0	6.6
14	18.7	25.4	21.0	69.7	0.0	0.0	0.0	3.5
15	17.0	26.5	20.4	67.0	1.5	0.0	1.5	5.4
16	16.7	23.8	19.4	82.0	10.8	6.1	16.9	3.7
17	17.2	23.8	20.0	78.0	.3	.2	.5	2.0
18	17.0	22.6	19.0	82.3	.1	1.4	1.5	1.0
19	16.5	24.5	19.8	80.7	0.0	0.0	0.0	3.7
20	17.0	22.3	20.1	75.7	0.0	0.0	0.0	1.2
21	17.2	22.9	19.0	88.0	2.3	0.0	2.3	1.2
22	17.0	23.7	19.2	83.7	.6	0.0	.6	4.5
23	17.4	25.3	19.9	81.7	0.0	0.0	0.0	5.2
24	17.3	24.2	20.1	79.0	.9	0.0	.9	3.0
25	17.0	24.7	19.4	75.0	0.0	0.0	0.0	3.1
26	16.8	24.3	19.6	70.0	0.0	0.0	0.0	6.6
27	17.7	25.9	20.6	72.7	0.0	4.2	4.2	5.8
28	17.4	25.3	20.5	75.3	.5	0.0	.5	6.7
29	18.1	25.1	20.5	71.3	0.0	0.0	0.0	8.0
30	18.4	23.6	20.4	76.3	.5	0.0	.5	3.4
31	17.4	22.7	19.0	75.3	.1	0.0	.1	1.0
Total :					64.0	21.8	85.8	123.6
Promedio :	17.4	24.4	20.0	77.2				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.2	26.0	20.2	72.7	0.0	0.0	0.0	6.2
2	16.6	25.4	19.8	69.0	0.0	0.0	0.0	6.4
3	17.6	23.5	19.3	79.3	0.0	0.0	0.0	3.7
4	17.4	25.8	19.8	65.0	13.0	0.0	13.0	6.3
5	17.3	25.5	19.8	78.7	.3	0.0	.3	6.0
6	17.0	25.8	20.5	68.3	0.0	0.0	0.0	5.3
7	17.9	25.4	20.0	76.3	23.8	0.0	23.8	4.3
8	17.7	23.6	20.1	73.3	.2	4.6	4.8	2.8
9	16.8	25.4	19.9	77.0	0.0	0.0	0.0	4.4
10	17.3	24.2	20.0	77.3	0.0	0.0	0.0	4.2
11	17.5	23.1	19.4	73.3	2.8	0.0	2.8	3.0
12	17.9	25.7	21.0	65.3	0.0	0.0	0.0	7.3
13	18.9	25.6	21.4	67.0	1.1	.3	1.4	7.0
14	18.6	25.9	20.6	82.0	.5	0.0	.5	5.4
15	18.7	26.3	21.5	78.7	2.1	0.0	2.1	4.9
16	18.3	24.6	20.9	63.0	1.8	0.0	1.8	6.1
17	18.5	27.8	21.9	57.3	.2	0.0	.2	8.5
18	18.6	26.5	21.4	60.3	1.3	0.0	1.3	5.8
19	18.0	24.2	20.4	68.3	.5	0.0	.5	1.9
20	17.1	24.4	19.9	81.3	2.0	0.0	2.0	2.9
21	17.2	26.0	21.4	66.0	0.0	0.0	0.0	9.1
22	17.9	26.7	21.2	73.3	5.3	2.1	7.4	6.6
23	16.6	27.5	20.2	68.3	30.1	0.0	30.1	6.0
24	17.8	25.3	20.7	75.7	0.0	0.0	0.0	6.8
25	17.6	25.6	20.5	83.7	4.1	.1	4.2	5.2
26	17.3	25.9	20.2	81.0	2.3	0.0	2.3	4.1
27	17.4	23.4	19.7	85.7	.3	1.6	1.9	2.1
28	16.9	23.8	19.8	79.0	0.0	0.0	0.0	3.5
29	17.3	23.0	19.6	78.7	.2	.2	.4	1.3
30	16.0	24.6	19.6	76.7	.3	0.0	.3	2.6
31	17.2	23.4	19.8	80.0	0.0	0.0	0.0	1.7
Total :					92.2	8.9	101.1	151.4
Promedio :	17.5	25.2	20.3	73.6				

Estación : SAN ANTONIO
Año : 2002

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7 ° 6 ' N
Longitud : 73 ° 4 ' W
Altitud : 1480 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	24.5	19.5	81.3	0.0	0.0	0.0	2.3
2	17.0	24.0	18.6	86.3	11.6	0.0	11.6	2.6
3	17.7	23.4	19.0	75.7	7.6	0.0	7.6	2.5
4	17.0	25.7	20.3	76.7	0.0	7.2	7.2	7.9
5	17.1	26.3	20.8	61.3	0.0	.2	.2	7.2
6	17.5	26.7	20.8	61.0	.8	0.0	.8	6.9
7	17.2	25.8	21.6	58.7	0.0	0.0	0.0	8.7
8	18.0	26.6	21.6	64.0	0.0	0.0	0.0	7.6
9	17.5	26.0	21.0	69.3	0.0	0.0	0.0	3.4
10	17.4	24.2	20.2	72.7	.4	1.1	1.5	4.4
11	16.5	25.7	19.6	77.3	0.0	.9	.9	2.6
12	17.2	24.0	19.3	75.3	6.2	0.0	6.2	4.3
13	17.6	24.4	20.2	66.0	4.9	0.0	4.9	4.2
14	17.3	24.6	20.7	72.3	0.0	0.0	0.0	6.1
15	17.5	25.8	20.4	70.7	.3	.6	.9	5.8
16	18.1	24.6	20.4	75.3	1.0	10.0	11.0	6.0
17	17.2	23.3	18.1	81.3	11.1	0.0	11.1	1.4
18	16.7	24.5	19.4	74.7	3.6	4.3	7.9	4.1
19	16.2	25.7	19.0	76.0	9.7	3.9	13.6	5.0
20	16.3	26.5	20.3	58.3	0.0	0.0	0.0	5.9
21	17.5	27.1	21.4	60.7	0.0	0.0	0.0	6.8
22	17.8	25.6	20.7	74.7	0.0	0.0	0.0	7.7
23	17.0	26.8	20.3	79.7	0.0	0.0	0.0	5.1
24	17.2	25.4	20.2	76.7	1.1	0.0	1.1	4.6
25	16.8	23.7	19.2	82.7	0.0	4.1	4.1	3.6
26	16.4	23.5	19.2	80.0	12.0	6.5	18.5	2.1
27	16.1	25.9	20.4	68.7	.2	1.5	1.7	7.2
28	16.6	22.5	18.9	86.3	2.6	0.0	2.6	.4
29	16.7	23.5	18.2	86.7	5.9	.4	6.3	1.3
30	16.9	25.4	20.5	75.3	.2	0.0	.2	5.6
31								
Total :					79.2	40.7	119.9	143.3
Promedio :	17.1	25.1	20.0	73.5				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	27.2	20.8	61.3	2.2	0.0	2.2	7.6
2	16.9	24.9	20.2	71.7	2.4	0.0	2.4	5.7
3	17.1	27.6	21.7	67.0	1.1	0.0	1.1	5.3
4	17.7	24.8	20.8	71.3	0.0	0.0	0.0	5.8
5	17.4	26.5	20.7	73.0	0.0	0.0	0.0	6.6
6	17.7	26.2	20.8	70.0	.5	0.0	.5	5.3
7	17.9	25.7	19.9	74.0	.9	1.2	2.1	4.3
8	16.0	25.4	19.8	68.0	0.0	.7	.7	5.6
9	17.0	25.2	19.4	79.0	5.5	0.0	5.5	7.2
10	17.4	25.8	20.6	72.7	0.0	7.5	7.5	7.1
11	16.5	24.2	20.1	75.3	.1	2.0	2.1	2.0
12	17.4	25.6	20.1	76.0	0.0	0.0	0.0	4.6
13	17.3	25.0	20.5	74.7	0.0	0.0	0.0	5.6
14	16.9	26.4	21.3	67.3	0.0	0.0	0.0	7.8
15	17.5	25.4	19.8	75.3	0.0	0.0	0.0	4.1
16	16.9	23.7	19.6	80.3	.3	.6	.9	.9
17	17.2	25.5	19.9	84.3	0.0	0.0	0.0	4.1
18	16.7	25.2	19.7	75.7	.4	0.0	.4	5.4
19	16.9	25.6	20.4	74.0	0.0	0.0	0.0	4.2
20	17.2	25.0	20.2	65.7	.6	1.0	1.6	7.1
21	17.0	22.6	19.2	84.7	21.0	0.0	21.0	1.2
22	17.4	24.0	19.5	85.0	12.9	15.6	28.5	1.6
23	16.3	24.5	19.3	81.7	.9	0.0	.9	3.2
24	16.5	22.6	19.0	85.0	6.6	4.8	11.4	.1
25	15.8	25.8	19.8	81.3	.5	.6	1.1	5.0
26	17.0	23.0	19.3	89.0	5.0	0.0	5.0	3.9
27	16.0	22.0	17.8	96.7	15.0	7.0	22.0	3.0
28	15.2	23.9	18.8	85.3	0.0	0.0	0.0	4.6
29	16.7	23.7	18.5	90.3	4.0	5.0	9.0	4.0
30	16.4	23.5	18.7	85.7	0.0	0.0	0.0	2.5
31	16.5	22.5	18.9	89.3	.7	0.0	.7	1.9
Total :					80.6	46.0	126.6	137.3
Promedio :	16.9	24.8	19.8	77.8				

Estación : SAN ANTONIO
Año : 2002

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7 ° 6 ' N
Longitud : 73 ° 4 ' W
Altitud : 1480 m

Noviembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.3	24.8	19.4	78.7	2.6	0.0	2.6	4.8
2	16.4	23.6	19.3	84.3	0.0	0.0	0.0	2.8
3	16.7	23.9	18.6	89.3	0.0	0.0	0.0	1.2
4	16.4	26.4	20.2	80.0	.5	1.5	2.0	5.3
5	16.0	24.4	19.3	84.3	2.0	0.0	2.0	7.4
6	16.4	22.0	18.8	85.7	0.0	0.0	0.0	1.8
7	16.0	22.5	18.1	88.7	2.0	15.5	17.5	.7
8	16.1	22.0	18.0	88.7	1.0	0.0	1.0	.9
9	15.9	23.4	18.4	85.0	0.0	0.0	0.0	7.1
10	15.8	24.4	19.7	82.0	0.0	0.0	0.0	4.2
11	17.3	25.2	19.8	76.7	0.0	0.0	0.0	6.4
12	17.5	24.5	19.2	81.7	3.5	0.0	3.5	5.0
13	16.5	24.0	19.3	82.7	0.0	0.0	0.0	2.9
14	16.3	24.4	20.0	80.7	.5	0.0	.5	3.6
15	17.4	25.8	20.5	73.3	0.0	0.0	0.0	6.2
16	17.2	26.0	20.0	74.0	0.0	0.0	0.0	4.1
17	17.4	24.0	19.2	80.0	3.8	0.0	3.8	1.2
18	16.7	23.6	19.3	84.0	0.0	0.0	0.0	4.1
19	16.4	25.0	19.6	75.7	2.2	0.0	2.2	5.7
20	17.1	24.9	20.0	82.3	18.6	0.0	18.6	5.8
21	17.7	26.5	20.8	69.3	.7	0.0	.7	6.5
22	18.2	25.0	20.1	77.7	0.0	0.0	0.0	3.6
23	17.4	22.5	19.8	78.7	0.0	0.0	0.0	1.6
24	17.0	24.9	20.4	80.7	0.0	0.0	0.0	4.9
25	16.8	26.7	20.7	69.0	0.0	0.0	0.0	6.7
26	17.5	25.6	21.3	72.7	0.0	0.0	0.0	7.4
27	18.4	27.0	21.3	71.3	0.0	0.0	0.0	7.7
28	18.2	25.0	20.6	81.0	0.0	0.0	0.0	5.0
29	17.5	25.7	21.0	77.7	2.8	0.0	2.8	5.1
30	17.6	26.0	20.0	83.7	0.0	0.0	0.0	7.1
31								
Total :					40.2	17.0	57.2	136.8
Promedio :	16.9	24.7	19.8	80.0				

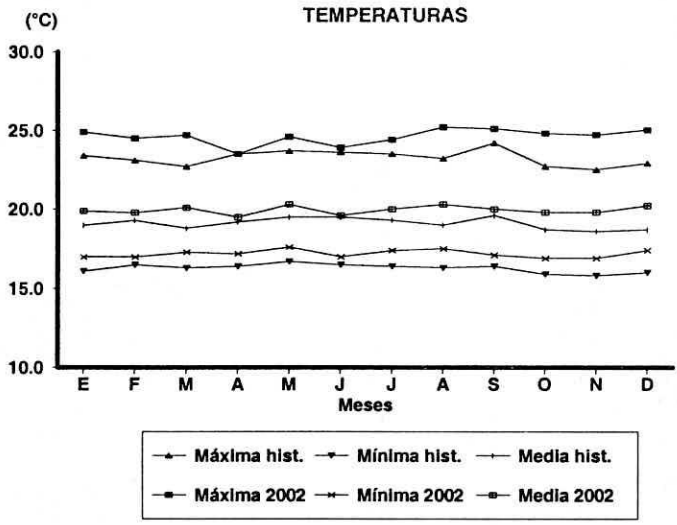
Diciembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	27.2	21.6	72.0	2.5	0.0	2.5	7.2
2	17.5	26.8	21.2	77.3	0.0	0.0	0.0	6.6
3	18.4	26.5	20.9	74.3	2.1	0.0	2.1	6.5
4	18.2	26.4	20.7	72.0	1.5	.1	1.6	5.0
5	17.7	25.6	20.5	85.0	.5	0.0	.5	6.9
6	17.5	25.0	20.5	80.3	0.0	0.0	0.0	4.8
7	17.4	24.5	20.5	79.3	.4	.1	.5	3.0
8	17.4	24.7	19.5	87.7	8.2	.7	8.9	3.0
9	17.2	25.5	20.3	82.3	0.0	0.0	0.0	3.8
10	16.7	24.4	20.1	79.0	0.0	0.0	0.0	4.8
11	17.0	25.7	20.7	76.0	0.0	0.0	0.0	8.2
12	17.4	24.9	20.8	71.3	0.0	0.0	0.0	5.6
13	17.9	26.7	20.6	78.7	0.0	.1	.1	8.0
14	17.6	24.4	19.7	88.7	0.0	1.5	1.5	2.5
15	17.5	20.0	18.2	97.7	3.6	0.0	3.6	0.0
16	16.5	24.8	19.2	85.3	0.0	0.0	0.0	2.5
17	16.4	21.9	18.4	89.0	0.0	3.1	3.1	.9
18	16.6	22.5	19.0	85.7	.5	.2	.7	.1
19	17.0	24.8	19.4	81.0	0.0	0.0	0.0	3.6
20	17.3	24.2	20.0	81.0	.7	0.0	.7	3.2
21	17.2	24.3	20.2	82.0	0.0	0.0	0.0	4.0
22	17.4	25.6	20.1	76.7	0.0	0.0	0.0	6.5
23	17.2	24.8	19.6	75.3	3.8	0.0	3.8	4.4
24	17.0	26.8	21.2	67.3	0.0	0.0	0.0	7.9
25	18.3	26.5	20.7	73.0	0.0	0.0	0.0	5.4
26	17.5	25.0	20.6	79.3	.6	0.0	.6	4.8
27	17.6	24.8	19.9	83.0	0.0	0.0	0.0	5.4
28	17.4	24.7	20.2	79.0	.5	0.0	.5	4.7
29	17.0	24.5	19.8	82.3	0.0	0.0	0.0	3.2
30	16.9	24.6	20.0	81.0	0.0	0.0	0.0	3.8
31	18.1	26.6	20.8	78.3	0.0	0.0		5.9
Total :					24.9	5.8	30.7	142.2
Promedio :	17.4	25.0	20.2	80.0				

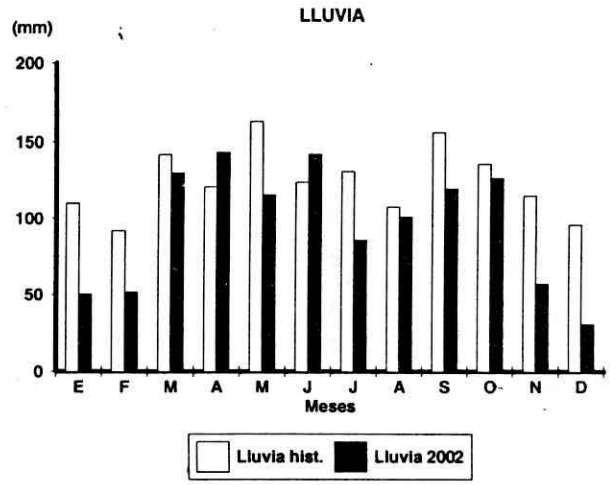
Estación : SAN ANTONIO
Año : 2002

Dpto. : SANTANDER
Mpio. : FLORIDABLANCA

Latitud : 7° 6 ' N
Longitud : 73° 4 ' W
Altitud : 1480 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	17.0	24.9	19.9	27.4	15.9	72.7	50.1	7	209.3
Febrero	17.0	24.5	19.8	27.3	15.9	77.9	51.6	9	133.6
Marzo	17.3	24.7	20.1	28.5	16.5	76.9	130.0	17	141.3
Abril	17.2	23.5	19.5	26.5	15.9	82.2	143.4	27	72.9
Mayo	17.6	24.6	20.3	27.5	15.8	77.3	115.9	22	100.3
Junio	17.0	23.9	19.6	26.9	15.4	78.6	142.3	25	83.1
Julio	17.4	24.4	20.0	26.5	16.0	77.2	85.8	17	123.6
Agosto	17.5	25.2	20.3	27.8	16.0	73.6	101.1	20	151.4
Septiembre	17.1	25.1	20.0	27.1	16.1	73.5	119.9	21	143.3
Octubre	16.9	24.8	19.8	27.6	15.2	77.8	126.6	21	137.3
Noviembre	16.9	24.7	19.8	27.0	15.8	80.0	57.2	12	136.8
Diciembre	17.4	25.0	20.2	27.2	16.4	80.0	30.7	15	142.2
Promedio :	17.2	24.6	19.9			77.3			
Absoluta :				28.5	15.2				
Total :							1154.6	213	1575.1





Estación : EL ROBLE
Año : 2002

Dpto. : SANTANDER
Mpio. : LOS SANTOS

Latitud : 6 ° 51 ' N
Longitud : 73 ° 3 ' W
Altitud : 1646 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.4	25.7	18.9	82.0	0.0	0.0	0.0	9.4
2	12.3	25.6	19.0	82.3	0.0	0.0	0.0	7.5
3	12.6	25.2	18.6	84.3	0.0	0.0	0.0	8.4
4	14.8	25.1	18.8	82.0	0.0	0.0	0.0	8.4
5	12.4	25.2	18.4	82.3	0.0	0.0	0.0	8.4
6	12.5	25.5	19.0	80.7	0.0	0.0	0.0	5.7
7	13.4	25.7	18.4	85.0	0.0	0.0	0.0	7.3
8	13.2	25.1	18.2	81.0	0.0	3.4	3.4	9.1
9	16.2	24.1	18.1	85.7	0.0	0.0	0.0	6.0
10	15.9	24.8	18.8	82.3	0.0	0.0	0.0	7.8
11	11.8	24.5	17.7	82.0	0.0	0.0	0.0	7.6
12	11.6	24.3	17.5	82.7	0.0	0.0	0.0	8.4
13	13.5	25.5	18.0	86.3	0.0	0.0	0.0	8.6
14	15.6	26.0	19.8	80.7	0.0	1.3	1.3	8.7
15	14.7	26.0	19.0	85.0	0.0	0.0	0.0	8.3
16	12.4	25.5	18.0	84.3	0.0	0.0	0.0	8.7
17	12.6	26.5	18.9	76.3	0.0	0.0	0.0	9.3
18	11.6	26.0	17.9	81.0	0.0	0.0	0.0	8.2
19	11.4	27.0	19.0	75.0	0.0	0.0	0.0	9.8
20	11.8	26.5	18.2	80.7	0.0	0.0	0.0	8.7
21	13.4	26.0	19.0	82.3	0.0	0.0	0.0	9.2
22	13.6	26.5	19.5	78.7	0.0	0.0	0.0	7.2
23	12.2	25.3	18.3	81.3	0.0	0.0	0.0	5.4
24	13.0	27.8	19.6	77.7	0.0	0.0	0.0	7.5
25	11.7	27.5	19.4	78.0	0.0	0.0	0.0	8.5
26	13.8	27.7	19.1	72.7	0.0	0.0	0.0	9.2
27	12.6	28.4	20.4	59.7	0.0	0.0	0.0	10.2
28	10.8	27.4	20.1	71.7	0.0	0.0	0.0	9.9
29	12.5	27.7	20.7	75.0	0.0	2.9	2.9	9.1
30	16.5	26.0	20.0	81.0	.2	0.0	.2	4.6
31	13.0	26.2	18.6	82.0	16.0	1.2	17.2	8.5
Total :					16.2	8.8	25.0	253.6
Promedio :	13.1	26.0	18.9	80.1				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	26.8	20.2	78.7	0.0	0.0	0.0	8.6
2	14.5	26.6	20.2	80.0	0.0	.7	.7	6.7
3	17.2	22.2	18.8	89.3	0.0	1.0	1.0	.6
4	16.7	24.5	18.9	84.7	0.0	.2	.2	3.7
5	14.0	24.3	18.5	84.3	0.0	0.0	0.0	7.9
6	13.3	25.5	18.2	82.7	0.0	0.0	0.0	6.4
7	13.0	24.0	18.3	83.3	0.0	0.0	0.0	3.8
8	15.3	24.5	19.1	82.3	.6	5.5	6.1	3.2
9	14.6	24.9	18.8	81.7	0.0	0.0	0.0	5.6
10	12.4	26.0	18.6	79.7	0.0	0.0	0.0	6.8
11	13.8	25.5	18.9	81.3	0.0	0.0	0.0	7.3
12	13.6	26.0	19.1	80.3	0.0	0.0	0.0	8.6
13	13.0	25.6	19.2	78.7	0.0	0.0	0.0	7.2
14	12.0	26.2	19.2	78.0	0.0	0.0	0.0	8.1
15	14.2	26.5	19.8	78.3	0.0	0.0	0.0	8.6
16	15.6	27.8	20.2	77.7	0.0	0.0	0.0	9.8
17	13.2	25.8	19.7	79.7	0.0	0.0	0.0	6.5
18	16.0	26.0	19.8	84.3	0.0	.3	.3	6.5
19	16.2	26.3	19.9	83.3	0.0	0.0	0.0	7.6
20	12.8	26.8	19.3	79.7	0.0	0.0	0.0	7.1
21	13.2	27.0	20.2	76.3	0.0	0.0	0.0	8.6
22	13.6	27.6	20.3	79.0	0.0	0.0	0.0	8.1
23	16.5	24.7	19.6	82.7	0.0	0.0	0.0	1.2
24	15.3	25.8	20.0	82.0	0.0	0.0	0.0	7.5
25	13.8	26.2	19.4	78.0	0.0	0.0	0.0	8.2
26	14.4	26.0	20.1	78.7	0.0	0.0	0.0	7.6
27	17.0	23.3	19.1	85.7	13.9	3.6	17.5	3.6
28	14.8	25.0	19.4	84.7	0.0	0.0	0.0	7.1
29								
30								
31								
Total :					14.5	11.3	25.8	182.5
Promedio :	14.5	25.6	19.4	81.3				

Estación : EL ROBLE
Año : 2002

Dpto. : SANTANDER
Mpio. : LOS SANTOS

Latitud : 6 ° 51 ' N
Longitud : 73 ° 3 ' W
Altitud : 1646 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	25.8	19.3	81.7	0.0	0.0	0.0	8.9
2	12.4	26.3	20.7	72.3	0.0	0.0	0.0	9.5
3	13.2	25.5	19.1	79.0	0.0	0.0	0.0	8.8
4	15.4	26.2	19.8	78.7	0.0	46.7	46.7	8.7
5	15.6	24.2	19.0	84.3	0.0	0.0	0.0	7.1
6	13.0	24.3	18.8	83.0	0.0	.6	.6	6.3
7	14.0	25.4	19.7	78.7	0.0	0.0	0.0	7.9
8	13.6	26.3	19.8	77.3	0.0	0.0	0.0	7.4
9	13.9	25.5	19.6	79.0	0.0	.4	.4	9.3
10	15.5	24.3	19.4	84.0	0.0	0.0	0.0	6.9
11	14.2	25.6	19.2	82.3	0.0	0.0	0.0	6.8
12	17.0	21.8	17.9	93.7	6.3	0.0	6.3	.1
13	15.8	26.5	20.1	83.0	.4	16.3	16.7	7.1
14	15.0	25.4	20.4	81.0	0.0	24.1	24.1	7.8
15	16.0	23.0	19.0	88.3	0.0	0.0	0.0	1.3
16	16.7	25.8	20.5	80.7	0.0	2.4	2.4	6.9
17	16.6	26.1	18.9	83.3	9.8	.7	10.5	4.5
18	13.8	25.6	19.9	82.3	0.0	3.5	3.5	7.7
19	15.7	23.7	19.3	85.0	0.0	4.7	4.7	1.5
20	16.0	23.0	18.8	87.7	0.0	8.6	8.6	1.4
21	17.0	23.7	18.5	87.7	12.4	.7	13.1	1.0
22	16.2	21.8	18.6	92.7	12.7	10.7	23.4	.2
23	16.5	24.0	19.2	89.0	4.0	0.0	4.0	5.5
24	15.2	24.9	19.9	84.0	.1	20.2	20.3	8.4
25	14.2	26.5	20.3	78.7	0.0	0.0	0.0	7.7
26	14.4	26.7	20.5	79.7	.2	1.4	1.6	8.5
27	16.0	25.4	20.0	87.0	0.0	1.3	1.3	7.4
28	15.6	25.0	19.9	84.0	0.0	12.7	12.7	8.5
29	16.3	23.0	18.6	89.7	3.7	0.0	3.7	4.2
30	16.7	24.0	19.8	87.3	0.0	0.0	0.0	8.0
31	16.5	27.0	21.0	83.7	0.0	0.0	0.0	9.4
Total :					49.6	155.0	204.6	194.7
Promedio :	15.3	24.9	19.5	83.5				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	25.0	20.0	90.0	0.0	0.0	0.0	3.7
2	16.2	22.6	18.6	92.3	1.0	0.0	1.0	.4
3	15.8	24.8	19.9	87.0	0.0	0.0	0.0	7.8
4	15.3	26.5	20.0	83.3	0.0	0.0	0.0	4.9
5	14.8	26.0	20.0	86.0	0.0	14.3	14.3	8.3
6	17.2	25.2	19.7	88.0	0.0	.3	.3	5.1
7	16.8	23.4	19.0	86.3	.4	.1	.5	2.6
8	16.0	22.8	18.3	88.3	4.1	6.2	10.3	3.9
9	16.2	23.2	18.0	92.0	2.9	25.6	28.5	2.2
10	16.0	23.5	18.5	86.7	0.0	6.6	6.6	4.5
11	14.2	23.8	18.8	83.7	.3	8.0	8.3	4.8
12	15.2	22.3	18.1	90.0	.5	0.0	.5	.5
13	15.7	23.2	18.1	83.3	0.0	0.0	0.0	4.9
14	14.2	24.8	18.2	85.3	0.0	0.0	0.0	4.6
15	15.8	24.3	19.7	86.7	4.7	11.2	15.9	6.4
16	14.6	25.3	19.7	85.7	0.0	0.0	0.0	8.7
17	14.4	24.8	19.2	87.3	26.6	.8	27.4	4.3
18	16.2	24.6	19.4	88.0	2.5	0.0	2.5	4.9
19	15.4	24.3	18.6	89.3	.4	8.1	8.5	3.6
20	16.0	23.0	18.8	89.3	0.0	4.9	4.9	3.1
21	16.5	25.0	19.8	86.7	0.0	0.0	0.0	3.3
22	15.8	24.0	19.8	87.3	.8	2.2	3.0	2.3
23	16.0	26.3	20.4	86.3	0.0	0.0	0.0	4.5
24	15.6	24.2	19.3	86.0	0.0	1.4	1.4	2.2
25	16.5	20.7	18.0	89.3	.3	11.9	12.2	0.0
26	15.2	24.1	18.7	84.3	0.0	.9	.9	5.1
27	16.2	23.5	18.4	86.0	24.2	0.0	24.2	2.4
28	16.1	21.4	18.4	92.0	11.4	0.0	11.4	1.3
29	14.2	23.6	19.3	88.3	0.0	.3	.3	6.8
30	16.7	24.6	19.6	87.3	0.0	.4	.4	3.7
31								
Total :					80.1	103.2	183.3	120.8
Promedio :	15.8	24.0	19.1	87.4				

Estación : EL ROBLE
Año : 2002

Dpto. : SANTANDER
Mpio. : LOS SANTOS

Latitud : 6 ° 51 ' N
Longitud : 73 ° 3 ' W
Altitud : 1646 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	25.2	20.0	89.0	0.0	.1	.1	4.8
2	15.5	25.7	20.6	85.0	0.0	0.0	0.0	4.4
3	15.2	26.3	20.6	79.7	.1	0.0	.1	7.6
4	16.0	26.2	19.8	83.0	0.0	0.0	0.0	6.6
5	14.0	26.6	20.9	77.0	0.0	0.0	0.0	10.1
6	13.0	26.5	20.4	80.7	0.0	0.0	0.0	8.8
7	15.4	26.2	20.0	83.7	0.0	2.5	2.5	6.5
8	16.6	26.8	21.3	78.0	.1	0.0	.1	7.8
9	17.0	26.6	21.0	85.0	0.0	0.0	0.0	6.5
10	16.2	26.8	20.8	83.0	0.0	0.0	0.0	3.5
11	16.3	27.5	21.0	81.0	0.0	.9	.9	6.3
12	15.2	27.7	21.4	81.0	0.0	0.0	0.0	9.9
13	17.0	26.0	20.9	82.7	.1	4.5	4.6	5.1
14	17.3	26.6	20.9	86.0	2.0	0.0	2.0	4.2
15	15.2	27.0	20.8	85.0	0.0	0.0	0.0	5.0
16	17.6	27.2	20.7	84.3	0.0	0.0	0.0	5.3
17	15.0	24.6	19.6	86.7	0.0	2.1	2.1	4.6
18	17.0	25.3	20.2	84.3	0.0	2.5	2.5	3.7
19	16.9	25.2	20.1	83.7	0.0	0.0	0.0	7.9
20	15.8	25.8	19.8	84.3	.4	0.0	.4	4.3
21	16.6	24.0	19.1	89.7	0.0	1.0	1.0	1.8
22	17.2	23.8	18.0	93.7	.5	1.7	2.2	1.7
23	16.6	24.6	19.0	86.3	4.8	0.0	4.8	2.0
24	16.4	28.8	20.9	82.7	0.0	.8	.8	7.6
25	15.7	23.4	19.0	86.3	0.0	10.0	10.0	4.4
26	15.6	23.4	18.5	90.3	18.3	0.0	18.3	3.1
27	15.0	24.2	19.6	85.3	0.0	5.8	5.8	5.8
28	16.8	23.0	18.5	87.7	12.4	.1	12.5	2.0
29	13.8	23.6	17.8	83.7	.1	1.7	1.8	3.7
30	14.8	24.0	18.4	84.0	.1	0.0	.1	4.6
31	15.2	23.4	17.3	93.0	3.7	0.0	3.7	.7
Total :					42.6	33.7	76.3	160.3
Promedio :	15.9	25.5	19.9	84.7				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	23.8	19.0	89.7	.7	.3	1.0	2.0
2	15.4	24.0	19.2	85.7	0.0	0.0	0.0	5.5
3	13.6	24.2	18.9	85.7	0.0	0.0	0.0	4.8
4	13.8	22.6	18.3	88.3	1.6	4.9	6.5	2.3
5	16.0	22.8	18.0	86.0	5.0	3.5	8.5	1.3
6	15.0	22.9	17.9	91.3	.6	6.0	6.6	1.6
7	14.9	24.2	18.5	86.3	0.0	0.0	0.0	3.2
8	14.2	26.3	19.9	83.0	0.0	4.9	4.9	6.2
9	14.4	23.6	18.4	86.7	1.5	6.5	8.0	3.6
10	15.2	26.0	19.6	84.7	1.4	2.2	3.6	7.2
11	14.8	24.8	18.8	83.0	0.0	0.0	0.0	4.9
12	13.8	24.0	19.2	85.7	0.0	0.0	0.0	6.7
13	13.6	24.6	18.6	88.7	0.0	0.0	0.0	3.2
14	15.0	25.0	19.4	86.3	.6	0.0	.6	4.1
15	14.0	24.7	19.0	87.0	.7	.7	1.4	7.5
16	16.0	25.3	20.0	85.7	0.0	3.2	3.2	7.2
17	15.0	24.6	19.5	86.7	0.0	0.0	0.0	7.8
18	15.4	22.6	18.2	88.7	2.3	0.0	2.3	1.3
19	14.5	24.6	19.2	87.0	0.0	0.0	0.0	7.5
20	14.8	25.9	20.0	81.0	.1	0.0	.1	6.4
21	14.4	25.4	20.2	87.7	.2	1.1	1.3	6.0
22	14.8	25.6	20.0	84.7	2.0	0.0	2.0	5.7
23	13.9	24.6	19.5	85.7	0.0	0.0	0.0	2.8
24	14.2	24.7	18.9	85.7	1.7	0.0	1.7	2.8
25	13.2	25.3	19.2	85.0	.3	0.0	.3	5.0
26	14.0	25.2	19.1	85.7	.5	0.0	.5	6.3
27	13.4	25.7	20.3	83.7	0.0	0.0	0.0	5.5
28	13.2	26.2	19.2	83.7	.1	0.0	.1	5.4
29	15.4	26.0	19.8	86.3	1.4	0.0	1.4	2.9
30	14.5	26.4	20.2	79.7	0.0	0.0	0.0	7.8
31								
Total :					20.7	33.3	54.0	144.5
Promedio :	14.5	24.7	19.2	85.8				

Estación : EL ROBLE
Año : 2002

Dpto. : SANTANDER
Mpio. : LOS SANTOS

Latitud : 6 ° 51 ' N
Longitud : 73 ° 3 ' W
Altitud : 1646 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.6	26.4	20.0	82.3	0.0	0.0	0.0	8.2
2	13.2	25.5	20.2	83.3	0.0	0.0	0.0	5.7
3	12.4	26.8	21.1	80.0	0.0	0.0	0.0	6.7
4	14.4	27.2	20.4	83.7	.2	0.0	.2	6.5
5	14.5	24.8	18.7	88.3	15.8	24.0	39.8	4.3
6	15.3	23.6	19.0	85.7	2.6	0.0	2.6	4.7
7	15.4	24.0	19.2	84.7	0.0	0.0	0.0	5.1
8	13.6	25.6	20.3	83.0	0.0	0.0	0.0	8.8
9	14.5	26.3	20.2	84.0	0.0	0.0	0.0	6.8
10	13.8	26.0	19.5	84.7	0.0	.7	.7	4.8
11	16.0	22.5	18.9	88.7	.2	0.0	.2	.3
12	12.8	25.4	19.3	83.7	0.0	0.0	0.0	5.0
13	14.9	25.9	19.9	85.3	0.0	0.0	0.0	7.4
14	15.6	27.3	20.3	80.3	0.0	.2	.2	6.0
15	16.2	26.5	20.0	79.0	0.0	0.0	0.0	6.1
16	12.4	24.6	19.7	82.0	0.0	0.0	0.0	7.2
17	14.8	25.3	19.7	81.3	0.0	.9	.9	1.7
18	13.7	23.0	18.2	87.0	0.0	1.6	1.6	.2
19	15.2	25.0	18.7	86.3	0.0	0.0	0.0	5.3
20	14.4	23.8	18.5	87.0	0.0	0.0	0.0	5.2
21	14.6	24.4	19.1	85.7	0.0	0.0	0.0	3.6
22	14.2	24.9	19.9	84.7	0.0	0.0	0.0	7.2
23	14.5	26.5	20.4	83.7	0.0	0.0	0.0	8.3
24	14.2	24.2	19.2	86.7	.2	0.0	.2	3.1
25	13.6	25.0	18.8	86.0	0.0	0.0	0.0	3.3
26	12.0	26.4	20.0	81.7	0.0	0.0	0.0	9.3
27	12.7	27.1	20.4	77.3	0.0	0.0	0.0	8.9
28	14.4	26.4	20.4	81.7	0.0	0.0	0.0	7.1
29	13.0	26.0	19.6	82.3	0.0	0.0	0.0	9.7
30	12.2	25.2	19.6	81.0	0.0	0.0	0.0	8.5
31	14.6	23.3	17.7	83.0	.6	0.0	.6	1.2
Total :					19.6	27.4	47.0	176.2
Promedio :	14.1	25.3	19.6	83.7				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.0	26.7	19.8	78.7	1.8	.2	2.0	7.2
2	12.8	26.4	19.8	82.7	0.0	0.0	0.0	9.1
3	12.9	26.2	19.0	82.3	.5	0.0	.5	4.4
4	12.0	26.9	19.3	81.3	2.3	.2	2.5	7.5
5	15.0	26.0	19.4	82.0	0.0	4.3	4.3	8.6
6	14.4	26.3	20.0	77.0	0.0	0.0	0.0	6.3
7	14.0	26.4	20.4	80.7	4.0	0.0	4.0	5.3
8	13.2	25.3	19.9	84.0	0.0	3.7	3.7	6.4
9	15.6	25.0	18.9	84.7	0.0	0.0	0.0	4.6
10	13.0	25.5	19.4	84.3	0.0	0.0	0.0	5.4
11	12.7	26.0	19.5	82.3	.1	0.0	.1	5.3
12	13.0	26.6	20.6	79.3	0.0	0.0	0.0	5.7
13	14.2	27.3	20.4	76.3	1.0	0.0	1.0	8.0
14	13.8	27.6	21.0	83.0	0.0	0.0	0.0	5.7
15	16.4	27.6	21.3	78.3	.2	0.0	.2	5.9
16	13.6	26.8	20.8	76.3	0.0	0.0	0.0	4.4
17	12.2	29.2	20.8	72.3	0.0	0.0	0.0	9.6
18	12.7	27.3	21.0	72.0	0.0	3.6	3.6	8.5
19	15.0	26.1	19.9	78.0	.4	0.0	.4	5.2
20	13.6	26.3	20.3	79.7	.4	0.0	.4	6.1
21	14.0	27.7	20.9	72.7	0.0	0.0	0.0	9.8
22	12.4	28.4	21.0	75.0	0.0	8.3	8.3	8.7
23	13.6	28.0	20.4	76.0	.2	0.0	.2	7.5
24	13.2	26.8	21.0	79.0	0.0	0.0	0.0	9.6
25	15.0	27.4	20.6	81.0	1.9	.3	2.2	7.4
26	17.2	26.0	20.2	82.7	0.0	0.0	0.0	6.5
27	15.4	25.5	19.7	84.3	1.4	.1	1.5	4.3
28	15.8	25.0	20.0	83.0	0.0	0.0	0.0	3.3
29	17.0	25.2	19.3	82.3	.5	1.7	2.2	4.9
30	14.2	26.0	19.6	79.3	0.0	0.0	0.0	4.7
31	16.0	25.8	19.5	81.7	0.0	0.0	0.0	6.5
Total :					14.7	22.4	37.1	202.4
Promedio :	14.1	26.6	20.1	79.7				

Estación : EL ROBLE
Año : 2002

Dpto. : SANTANDER
Mpio. : LOS SANTOS

Latitud : 6 ° 51 ' N
Longitud : 73 ° 3 ' W
Altitud : 1646 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.2	25.8	19.0	86.3	2.2	.2	2.4	3.5
2	14.7	26.3	19.0	83.0	6.9	0.0	6.9	3.8
3	14.3	25.0	18.5	88.3	.8	0.0	.8	4.0
4	13.4	28.1	21.2	75.7	0.0	0.0	0.0	9.8
5	14.2	27.5	20.2	73.7	0.0	0.0	0.0	6.9
6	13.3	28.2	20.8	76.0	.9	0.0	.9	8.2
7	12.8	28.0	20.3	78.7	0.0	0.0	0.0	7.3
8	14.0	28.2	21.2	73.7	0.0	0.0	0.0	8.0
9	13.2	28.0	19.1	80.7	10.1	1.7	11.8	3.4
10	14.3	25.9	19.7	79.3	0.0	1.9	1.9	5.9
11	16.0	26.5	19.6	80.7	0.0	.1	.1	4.5
12	15.0	25.7	19.8	79.3	0.0	0.0	0.0	4.4
13	15.2	27.0	19.9	82.3	1.8	0.0	1.8	4.7
14	14.8	26.4	20.4	79.7	0.0	0.0	0.0	7.2
15	14.2	26.0	20.1	80.0	0.0	0.0	0.0	6.1
16	14.6	27.6	20.8	79.0	0.0	2.2	2.2	7.5
17	16.0	25.0	18.8	84.0	1.9	0.0	1.9	4.2
18	14.4	25.8	19.8	82.3	.5	15.3	15.8	6.0
19	14.0	27.3	17.6	83.7	4.8	5.6	10.4	6.7
20	14.2	27.0	19.0	81.3	0.0	0.0	0.0	5.7
21	13.6	28.9	20.7	79.7	0.0	0.0	0.0	7.6
22	13.5	26.6	20.5	77.7	0.0	0.0	0.0	9.6
23	15.4	27.5	20.0	76.7	0.0	0.0	0.0	5.0
24	13.4	25.4	19.9	84.7	0.0	0.0	0.0	5.3
25	14.8	24.5	19.1	82.3	0.0	.1	.1	4.1
26	15.8	24.9	18.7	83.0	.9	16.4	17.3	3.4
27	14.3	25.6	19.9	78.3	0.0	1.2	1.2	8.5
28	15.4	24.0	19.0	89.7	0.0	.9	.9	2.2
29	15.0	24.4	18.8	90.3	.2	.1	.3	3.1
30	14.3	26.4	20.1	77.7	0.0	0.0	0.0	3.1
31								
Total :					31.0	45.7	76.7	169.7
Promedio :	14.4	26.4	19.7	80.9				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	27.3	20.2	77.0	0.0	0.0	0.0	7.6
2	12.4	26.8	20.6	74.7	0.0	.2	.2	9.1
3	14.8	27.7	21.0	71.7	0.0	0.0	0.0	7.1
4	13.8	26.4	20.2	76.7	0.0	0.0	0.0	8.5
5	12.0	28.2	20.1	80.3	0.0	0.0	0.0	8.9
6	15.0	26.3	20.1	79.3	.2	0.0	.2	7.2
7	14.3	26.5	19.8	82.0	1.0	5.6	6.6	4.7
8	15.5	26.0	19.5	79.7	0.0	0.0	0.0	8.2
9	14.8	25.2	20.0	82.0	0.0	0.0	0.0	6.4
10	13.0	26.8	20.6	79.0	0.0	18.2	18.2	9.6
11	15.8	25.7	19.5	82.7	0.0	0.0	0.0	4.6
12	15.3	25.0	19.8	86.7	0.0	0.0	0.0	3.9
13	15.6	25.6	20.0	83.3	0.0	0.0	0.0	7.8
14	16.0	26.7	20.8	76.3	0.0	0.0	0.0	8.0
15	15.0	26.0	20.1	81.0	0.0	0.0	0.0	6.1
16	13.2	23.4	19.0	87.7	0.0	.1	.1	2.9
17	15.5	25.5	19.2	85.0	0.0	0.0	0.0	3.4
18	13.2	25.9	19.1	82.0	0.0	0.0	0.0	5.0
19	15.2	25.0	19.0	82.0	0.0	0.0	0.0	4.0
20	13.6	25.8	19.8	82.0	0.0	2.2	2.2	5.8
21	14.0	24.2	19.6	85.3	0.0	0.0	0.0	5.1
22	16.0	24.8	19.1	86.3	.3	6.0	6.3	2.2
23	15.8	25.4	19.0	83.7	0.0	0.0	0.0	4.2
24	15.0	25.6	19.0	86.7	1.6	5.9	7.5	5.7
25	15.5	25.8	19.4	84.0	0.0	0.0	0.0	7.7
26	15.0	24.4	18.9	87.0	4.5	2.2	6.7	4.0
27	15.8	21.6	18.5	90.3	0.0	2.5	2.5	1.7
28	15.5	24.0	18.6	86.7	0.0	.1	.1	4.8
29	15.5	24.3	18.8	85.0	10.6	.3	10.9	4.6
30	15.4	22.3	17.8	90.3	.3	0.0	.3	2.7
31	15.0	23.8	18.8	87.3	.1	0.0	.1	5.6
Total :					18.6	43.3	61.9	177.1
Promedio :	14.8	25.4	19.5	82.7				

Estación : EL ROBLE
Año : 2002

Dpto. : SANTANDER
Mpio. : LOS SANTOS

Latitud : 6 ° 51 ' N
Longitud : 73 ° 3 ' W
Altitud : 1646 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	25.0	18.9	84.7	.6	0.0	.6	6.2
2	14.8	23.8	18.6	88.3	0.0	.1	.1	2.7
3	15.6	24.9	19.3	84.3	1.0	0.0	1.0	3.8
4	14.8	26.8	20.4	81.0	0.0	3.5	3.5	6.7
5	15.0	25.0	19.1	87.0	5.4	.1	5.5	6.8
6	14.4	24.0	18.8	89.0	1.2	.1	1.3	5.3
7	15.0	23.9	17.8	90.3	20.1	15.9	36.0	1.4
8	16.0	22.8	17.9	88.3	0.0	0.0	0.0	3.0
9	12.4	24.8	18.3	87.7	0.0	0.0	0.0	5.1
10	13.0	26.0	20.0	84.0	0.0	0.0	0.0	7.8
11	12.5	26.0	19.8	77.0	0.0	0.0	0.0	7.9
12	13.0	24.8	18.7	86.7	1.0	0.0	1.0	4.8
13	14.0	23.0	18.2	89.0	0.0	11.7	11.7	3.5
14	15.6	25.0	19.6	82.3	.2	0.0	.2	9.2
15	15.4	25.6	19.8	85.0	0.0	0.0	0.0	6.5
16	13.3	25.5	19.6	84.0	0.0	0.0	0.0	5.6
17	14.0	24.2	19.2	84.7	0.0	0.0	0.0	1.0
18	15.0	24.8	19.4	85.0	0.0	0.0	0.0	5.5
19	15.7	24.9	18.9	87.0	0.0	0.0	0.0	5.8
20	15.0	25.4	19.6	85.3	0.0	0.0	0.0	6.8
21	14.2	27.0	20.2	80.7	0.0	0.0	0.0	7.8
22	15.0	26.6	19.5	85.3	0.0	.5	.5	5.7
23	13.6	24.0	19.0	88.7	0.0	.1	.1	2.8
24	13.7	26.3	19.6	85.0	0.0	0.0	0.0	6.8
25	12.6	26.5	20.1	84.3	0.0	0.0	0.0	8.9
26	12.8	26.3	20.2	86.3	0.0	0.0	0.0	7.0
27	13.5	28.0	20.4	85.7	0.0	0.0	0.0	8.7
28	14.2	25.6	20.2	89.3	4.7	0.0	4.7	6.8
29	14.6	26.0	20.4	83.3	0.0	0.0	0.0	7.7
30	14.2	26.5	20.3	85.0	0.0	0.0	0.0	8.6
31								
Total :					34.2	32.0	66.2	176.2
Promedio :	14.2	25.3	19.4	85.5				

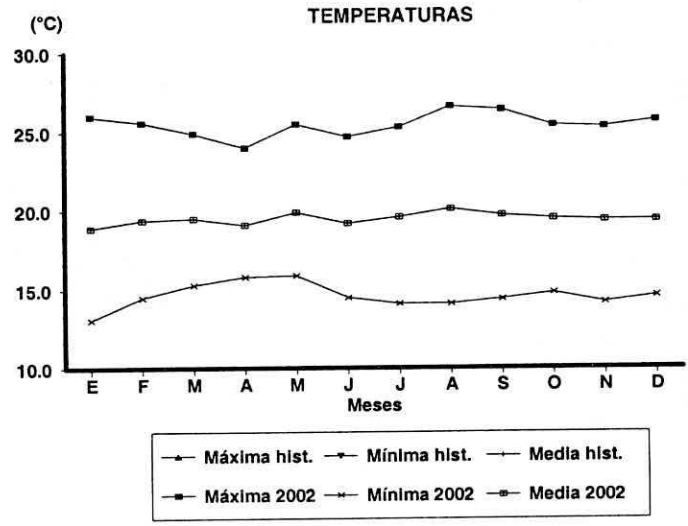
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.7	28.6	20.6	81.0	0.0	0.0	0.0	8.1
2	12.6	25.8	19.9	86.0	0.0	0.0	0.0	6.9
3	13.3	26.4	20.1	85.3	0.0	0.0	0.0	6.5
4	14.5	27.0	21.1	81.3	0.0	0.0	0.0	7.4
5	15.5	26.5	20.4	84.7	0.0	0.0	0.0	8.2
6	15.0	26.2	20.1	85.0	0.0	0.0	0.0	8.1
7	16.5	25.4	20.2	84.7	5.1	.1	5.2	7.0
8	14.0	26.0	19.2	86.0	4.6	0.0	4.6	3.6
9	17.0	25.6	19.1	87.3	0.0	0.0	0.0	3.8
10	12.0	25.0	18.4	87.3	0.0	0.0	0.0	7.0
11	14.5	26.4	18.8	84.0	0.0	0.0	0.0	9.4
12	13.5	26.0	19.4	85.3	0.0	0.0	0.0	8.5
13	13.2	26.2	19.1	85.0	0.0	0.0	0.0	7.1
14	16.2	24.8	19.8	88.3	0.0	1.0	1.0	3.6
15	16.5	20.5	17.8	93.3	2.2	0.0	2.2	7.2
16	14.8	24.3	18.3	87.7	0.0	0.0	0.0	3.7
17	15.4	24.6	18.6	84.7	20.2	1.6	21.8	2.1
18	15.5	22.9	17.7	94.0	3.4	.1	3.5	1.1
19	14.6	25.6	19.0	84.3	0.0	0.0	0.0	6.7
20	14.8	25.6	19.4	88.7	21.2	.1	21.3	6.3
21	14.9	25.2	19.6	86.7	0.0	0.0	0.0	7.0
22	12.7	26.0	19.8	83.3	0.0	0.0	0.0	9.6
23	14.5	25.8	18.8	87.0	.5	0.0	.5	6.8
24	12.5	27.2	20.3	79.7	0.0	0.0	0.0	9.5
25	13.8	26.9	20.1	81.7	0.0	0.0	0.0	5.9
26	15.7	26.7	20.2	83.3	0.0	0.0	0.0	9.5
27	15.0	26.5	20.0	84.7	0.0	0.0	0.0	8.3
28	14.2	26.2	18.8	86.7	0.0	0.0	0.0	9.4
29	15.0	25.5	18.6	87.0	0.0	0.0	0.0	6.4
30	14.2	25.0	19.2	86.3	0.0	0.0	0.0	4.6
31	15.5	27.6	20.5	79.3	0.0	0.0		7.9
Total :					57.2	2.9	60.1	207.2
Promedio :	14.6	25.7	19.4	85.5				

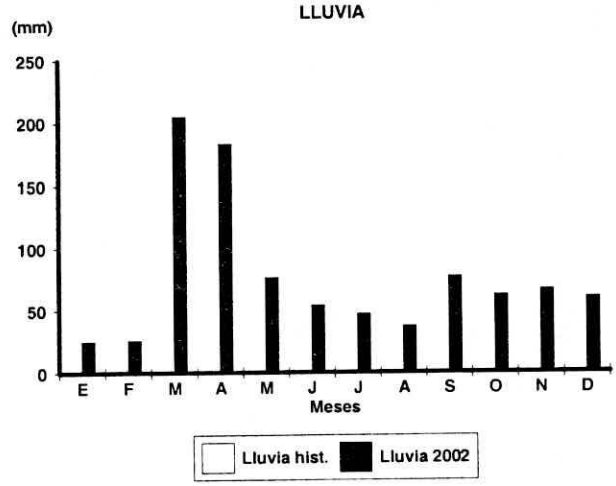
Estación : EL ROBLE
Año : 2002

Dpto. : SANTANDER
Mpio. : LOS SANTOS

Latitud : 6 ° 51 ' N
Longitud : 73 ° 3 ' W
Altitud : 1646 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	13.1	26.0	18.9	28.4	10.8	80.1	25.0	5	253.6
Febrero	14.5	25.6	19.4	27.8	12.0	81.3	25.8	6	182.5
Marzo	15.3	24.9	19.5	27.0	12.4	83.5	204.6	19	194.7
Abril	15.8	24.0	19.1	26.5	14.2	87.4	183.3	22	120.8
Mayo	15.9	25.5	19.9	28.8	13.0	84.7	76.3	21	160.3
Junio	14.5	24.7	19.2	26.4	13.2	85.8	54.0	19	144.5
Julio	14.1	25.3	19.6	27.3	12.0	83.7	47.0	10	176.2
Agosto	14.1	26.6	20.1	29.2	12.0	79.7	37.1	17	202.4
Septiembre	14.4	26.4	19.7	28.9	12.8	80.9	76.7	17	169.7
Octubre	14.8	25.4	19.5	28.2	12.0	82.7	61.9	14	177.1
Noviembre	14.2	25.3	19.4	28.0	12.4	85.5	66.2	13	176.2
Diciembre	14.6	25.7	19.4	28.6	12.0	85.5	60.1	8	207.2
Promedio :	14.6	25.4	19.5			83.4			
Absoluta :				29.2	10.8				
Total :							918.0	171	2165.2





Estación : ALBERTO SANTOS
Año : 2002

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 6 ° 30 ' N
Longitud : 73 ° 13 ' W
Altitud : 1500 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	27.8	20.4	72.7	0.0	0.0	0.0	8.4
2	15.2	27.5	20.8	70.7	0.0	0.0	0.0	8.2
3	14.4	27.7	20.1	71.0	0.0	0.0	0.0	8.1
4	15.4	28.0	19.8	71.7	0.0	0.0	0.0	7.1
5	13.6	27.6	20.4	69.0	0.0	0.0	0.0	8.5
6	14.8	28.4	21.2	69.3	0.0	0.0	0.0	7.4
7	14.8	27.6	20.7	71.0	0.0	0.0	0.0	6.8
8	15.2	27.8	20.2	68.3	0.0	0.0	0.0	8.3
9	15.4	27.4	20.1	71.3	0.0	0.0	0.0	7.4
10	14.0	27.8	20.0	67.7	0.0	0.0	0.0	8.5
11	13.2	27.4	19.9	67.3	0.0	0.0	0.0	8.5
12	14.0	27.8	20.1	66.3	0.0	0.0	0.0	7.5
13	16.0	28.4	20.8	70.0	0.0	0.0	0.0	4.6
14	15.9	29.1	20.7	71.0	0.0	0.0	0.0	7.7
15	15.2	28.8	20.8	70.0	0.0	0.0	0.0	6.9
16	16.4	28.0	21.2	67.7	0.0	0.0	0.0	6.5
17	14.2	29.2	20.6	63.7	0.0	0.0	0.0	8.9
18	14.4	28.7	20.4	64.0	0.0	0.0	0.0	8.8
19	14.0	30.0	20.5	59.7	0.0	0.0	0.0	8.3
20	13.6	29.0	21.0	61.7	0.0	0.0	0.0	8.1
21	15.6	29.0	22.2	64.3	0.0	0.0	0.0	8.8
22	15.0	28.8	20.7	67.3	0.0	0.0	0.0	7.9
23	14.4	25.4	19.6	77.7	4.0	0.0	4.0	4.9
24	14.0	28.8	21.3	65.3	0.0	0.0	0.0	7.2
25	14.6	29.7	22.0	61.3	0.0	0.0	0.0	8.3
26	14.8	30.8	22.5	56.3	0.0	0.0	0.0	9.1
27	14.2	30.7	22.5	44.3	0.0	0.0	0.0	9.2
28	13.8	29.8	20.8	62.0	0.0	0.0	0.0	8.7
29	15.0	30.0	21.1	69.7	.5	.5	1.0	8.2
30	16.8	28.0	21.2	70.7	0.0	0.0	0.0	5.1
31	15.4	29.9	19.8	76.7	34.0	0.0	34.0	7.7
Total :					38.5	.5	39.0	239.6
Promedio :	14.8	28.5	20.8	67.1				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.8	28.6	21.0	65.3	0.0	.3	.3	8.5
2	17.2	29.4	22.4	67.7	0.0	1.0	1.0	7.6
3	17.8	24.0	20.4	82.3	0.0	1.7	1.7	.8
4	17.2	24.8	19.6	86.7	1.0	0.0	1.0	2.2
5	15.6	26.6	20.4	71.7	0.0	0.0	0.0	7.4
6	14.0	27.7	20.3	68.7	0.0	0.0	0.0	8.9
7	15.2	26.6	20.7	64.3	0.0	.3	.3	5.2
8	15.8	27.0	20.8	66.3	0.0	0.0	0.0	6.1
9	16.0	27.9	20.6	70.0	0.0	0.0	0.0	5.5
10	14.4	28.8	21.0	66.3	0.0	0.0	0.0	9.6
11	15.4	28.9	21.1	66.0	0.0	0.0	0.0	7.9
12	15.2	28.8	21.7	65.7	0.0	0.0	0.0	9.3
13	16.4	28.6	21.5	65.0	0.0	0.0	0.0	8.7
14	14.2	28.8	21.0	62.3	0.0	0.0	0.0	9.0
15	15.8	28.9	22.4	59.7	0.0	0.0	0.0	8.7
16	16.0	31.6	22.7	58.3	0.0	0.0	0.0	9.4
17	15.0	28.7	21.8	63.3	0.0	1.3	1.3	8.9
18	18.0	29.7	22.8	64.7	0.0	3.0	3.0	8.8
19	17.0	29.4	22.2	64.7	0.0	0.0	0.0	8.0
20	15.4	29.0	22.6	61.7	0.0	0.0	0.0	9.0
21	16.8	29.8	22.2	59.7	0.0	0.0	0.0	8.7
22	15.0	30.6	21.2	70.0	0.0	0.0	0.0	7.4
23	16.8	28.6	20.4	76.3	4.5	1.3	5.8	5.5
24	16.4	28.4	22.0	64.0	0.0	0.0	0.0	8.5
25	16.0	29.9	22.5	60.7	0.0	0.0	0.0	8.6
26	15.6	29.4	22.2	58.7	0.0	0.0	0.0	8.0
27	15.8	27.0	20.8	70.0	0.0	0.0	0.0	4.9
28	16.2	29.0	22.2	63.7	0.0	0.0	0.0	7.9
29								
30								
31								
Total :					5.5	8.9	14.4	209.0
Promedio :	15.9	28.4	21.4	66.6				

Estación : ALBERTO SANTOS
Año : 2002

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 6 ° 30 ' N
Longitud : 73 ° 13 ' W
Altitud : 1500 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	30.0	22.1	59.3	0.0	0.0	0.0	9.2
2	14.2	30.2	22.8	59.0	0.0	0.0	0.0	9.4
3	15.4	29.8	22.1	58.3	0.0	0.0	0.0	8.8
4	16.0	29.9	22.1	57.3	0.0	1.0	1.0	8.2
5	17.0	28.2	21.4	65.3	0.0	0.0	0.0	8.4
6	15.2	29.1	21.6	65.0	0.0	.1	.1	9.0
7	14.9	29.4	22.0	59.0	0.0	.3	.3	8.4
8	15.6	30.0	22.3	61.7	0.0	0.0	0.0	8.3
9	15.9	29.6	23.0	58.3	.4	.4	.8	8.1
10	17.2	28.8	21.8	66.0	0.0	0.0	0.0	8.2
11	15.5	28.2	22.0	61.3	0.0	0.0	0.0	5.6
12	15.0	26.8	19.0	81.0	41.3	0.0	41.3	.9
13	13.6	29.3	20.6	72.3	.6	5.4	6.0	8.9
14	15.8	29.0	21.9	66.7	0.0	3.2	3.2	4.9
15	17.0	25.3	20.6	72.7	0.0	.1	.1	1.3
16	16.2	29.8	22.0	69.0	2.1	.5	2.6	7.2
17	15.8	30.0	19.5	75.7	17.4	1.0	18.4	6.7
18	14.8	27.6	21.6	65.0	0.0	2.0	2.0	8.2
19	15.7	26.0	18.5	82.7	11.7	2.0	13.7	1.8
20	15.2	24.6	19.4	82.7	.5	1.3	1.8	3.3
21	16.2	25.4	19.0	82.3	4.1	11.4	15.5	1.7
22	16.4	24.8	19.8	84.7	3.3	15.7	19.0	1.5
23	17.0	26.0	20.0	80.3	8.9	0.0	8.9	4.9
24	14.8	28.0	20.8	71.3	1.3	56.4	57.7	7.9
25	15.0	27.6	22.1	74.7	.1	1.4	1.5	4.0
26	16.4	29.8	22.4	69.0	0.0	0.0	0.0	9.3
27	16.8	28.7	20.4	76.7	7.5	6.1	13.6	6.0
28	15.2	26.3	21.2	74.7	0.0	5.8	5.8	6.1
29	17.2	24.3	19.7	85.3	3.3	0.0	3.3	1.7
30	16.2	27.8	21.0	75.0	0.0	0.0	0.0	9.2
31	17.4	29.8	23.0	62.0	0.0	0.0	0.0	9.7
Total :					102.5	114.1	216.6	196.8
Promedio :	15.8	28.1	21.2	70.1				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	27.6	20.8	71.7	0.0	.2	.2	5.6
2	17.0	22.6	19.1	87.3	0.0	0.0	0.0	0.0
3	17.2	27.9	22.0	72.0	0.0	0.0	0.0	5.4
4	17.8	27.4	21.2	66.0	0.0	0.0	0.0	3.8
5	15.9	29.2	22.2	67.3	0.0	.6	.6	7.8
6	17.4	28.2	21.2	73.3	0.0	.7	.7	4.2
7	16.4	26.4	19.1	83.0	37.5	2.5	40.0	3.4
8	15.2	25.4	19.4	76.0	1.0	9.8	10.8	7.0
9	15.8	24.6	19.6	80.3	0.0	5.0	5.0	4.0
10	16.2	25.9	19.6	83.7	6.1	0.0	6.1	6.5
11	14.2	25.4	20.2	66.7	0.0	1.8	1.8	6.9
12	15.8	24.4	19.6	87.0	.2	4.0	4.2	4.0
13	16.2	23.5	19.5	81.3	6.5	1.1	7.6	1.7
14	15.4	27.4	20.3	75.3	0.0	3.7	3.7	6.3
15	16.9	27.9	20.6	70.7	0.0	0.0	0.0	7.7
16	16.4	27.6	22.1	68.3	0.0	.2	.2	9.7
17	17.0	27.3	20.0	78.0	27.1	4.6	31.7	5.6
18	15.0	26.4	19.8	80.7	1.7	0.0	1.7	5.5
19	15.2	25.6	19.9	81.7	7.3	10.4	17.7	4.0
20	15.8	25.4	20.2	85.0	0.0	0.0	0.0	3.8
21	17.0	25.8	21.0	77.3	0.0	1.2	1.2	4.2
22	15.8	26.0	20.9	80.3	0.0	0.0	0.0	7.2
23	17.4	28.0	21.5	73.7	0.0	0.0	0.0	6.3
24	17.6	27.0	21.7	75.7	0.0	11.0	11.0	4.9
25	17.2	20.2	18.5	93.0	2.0	1.4	3.4	0.0
26	16.6	26.2	20.5	80.3	.4	.4	.8	6.6
27	16.0	25.0	19.1	86.7	5.8	.5	6.3	3.5
28	15.8	24.0	19.6	84.7	.8	0.0	.8	.9
29	15.4	26.8	21.3	74.0	0.0	3.9	3.9	8.4
30	17.0	26.4	20.6	78.7	.7	4.3	5.0	5.7
31								
Total					97.1	67.3	164.4	150.6
Promedio :	16.4	26.0	20.4	78.0				

Estación : ALBERTO SANTOS
Año : 2002

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 6 ° 30 ' N
Longitud : 73 ° 13 ' W
Altitud : 1500 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	27.4	20.0	79.3	24.6	0.0	24.6	6.5
2	15.2	26.6	21.2	77.3	0.0	0.0	0.0	6.2
3	16.8	28.4	21.2	74.0	.4	1.3	1.7	7.3
4	15.0	27.6	21.8	67.3	0.0	0.0	0.0	9.5
5	15.3	28.8	21.8	70.7	0.0	0.0	0.0	10.8
6	15.6	28.6	23.0	62.7	0.0	0.0	0.0	9.5
7	17.8	27.4	22.3	72.0	0.0	2.7	2.7	5.1
8	16.2	28.6	21.5	74.3	0.0	0.0	0.0	7.8
9	17.0	29.4	22.6	69.7	0.0	12.7	12.7	7.0
10	16.8	27.0	20.4	79.3	11.2	2.6	13.8	4.7
11	16.0	28.0	22.1	65.3	0.0	0.0	0.0	8.3
12	15.8	28.4	23.2	64.3	0.0	.5	.5	7.6
13	17.8	28.2	22.3	73.7	0.0	0.0	0.0	5.8
14	16.4	26.6	20.8	76.3	1.0	0.0	1.0	3.7
15	16.2	27.2	22.2	76.3	0.0	0.0	0.0	6.3
16	18.0	29.0	21.8	80.0	0.0	0.0	0.0	4.6
17	16.9	27.0	21.5	73.3	.4	3.9	4.3	2.5
18	17.0	28.0	19.9	80.3	2.6	10.3	12.9	5.4
19	15.8	26.8	21.4	76.7	0.0	0.0	0.0	8.5
20	16.7	26.6	21.5	80.3	9.9	0.0	9.9	6.2
21	17.0	24.0	20.6	84.0	0.0	0.0	0.0	.3
22	16.7	24.6	19.1	83.7	44.7	0.0	44.7	1.6
23	16.1	25.8	19.4	85.0	6.2	.3	6.5	2.2
24	16.0	28.0	21.5	76.3	0.0	7.5	7.5	8.2
25	16.8	24.4	19.9	86.0	1.8	79.1	80.9	2.8
26	16.0	22.0	19.4	89.0	0.0	0.0	0.0	.3
27	16.3	24.8	20.2	79.7	0.0	.9	.9	4.5
28	16.5	22.5	18.4	90.3	74.8	25.0	99.8	1.5
29	15.3	24.0	19.5	83.0	4.9	2.6	7.5	3.2
30	15.6	23.2	18.5	87.0	2.9	1.2	4.1	2.1
31	15.9	24.4	19.3	82.0	.3	0.0	.3	1.7
Total :					185.7	150.6	336.3	161.7
Promedio :	16.3	26.6	20.9	77.4				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	24.8	20.1	85.3	.1	1.0	1.1	2.9
2	15.7	26.2	20.5	84.0	0.0	0.0	0.0	6.2
3	16.3	26.0	21.0	80.0	0.0	0.0	0.0	5.7
4	15.4	25.4	19.2	84.0	33.8	21.3	55.1	4.5
5	15.2	24.2	18.6	88.3	21.9	5.7	27.6	2.0
6	15.0	23.1	19.4	86.7	0.0	7.2	7.2	2.0
7	15.1	25.4	19.4	76.0	0.0	1.4	1.4	4.3
8	14.9	28.3	20.9	75.7	.4	4.4	4.8	10.2
9	15.8	24.9	19.8	79.3	2.0	8.0	10.0	5.6
10	15.3	27.5	19.4	75.3	0.0	10.0	10.0	8.5
11	14.1	24.9	19.8	82.7	0.0	0.0	0.0	5.4
12	16.0	26.8	20.4	79.7	0.0	0.0	0.0	6.3
13	15.5	25.3	19.8	79.3	0.0	0.0	0.0	5.5
14	15.8	26.6	20.8	77.0	0.0	0.0	0.0	4.1
15	16.0	27.8	20.6	75.7	.3	0.0	.3	5.6
16	15.0	28.5	21.0	77.7	.6	.5	1.1	10.3
17	17.5	27.6	21.2	78.3	5.9	2.5	8.4	7.8
18	16.0	24.0	19.4	83.0	1.8	0.0	1.8	2.2
19	17.5	26.6	20.4	78.3	.7	.4	1.1	7.7
20	15.0	28.6	20.6	80.7	.5	0.0	.5	9.2
21	15.9	26.8	21.0	79.3	2.0	.9	2.9	6.2
22	17.5	27.9	20.6	74.7	9.1	0.0	9.1	6.1
23	15.0	26.2	20.1	82.0	3.3	0.0	3.3	5.8
24	16.5	26.0	20.3	84.3	.3	.3	.6	3.6
25	16.0	27.0	20.4	79.7	1.9	.1	2.0	8.3
26	16.5	26.6	20.7	77.3	24.4	.8	25.2	7.5
27	17.0	28.1	22.5	74.0	0.0	0.0	0.0	7.5
28	16.9	28.7	21.8	75.7	11.0	0.0	11.0	6.6
29	17.7	26.9	21.2	85.0	.2	0.0	.2	4.9
30	16.3	29.7	21.7	72.7	0.0	0.0	0.0	7.1
31								
Total :					120.2	64.5	184.7	179.6
Promedio :	15.9	26.5	20.4	79.7				

Estación : ALBERTO SANTOS
Año : 2002

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 6 ° 30 ' N
Longitud : 73 ° 13 ' W
Altitud : 1500 m

Julio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	28.4	23.1	69.7	0.0	0.0	0.0	10.3
2	17.0	28.6	22.2	72.7	0.0	0.0	0.0	5.4
3	16.2	29.5	23.5	73.0	0.0	.8	.8	7.7
4	16.0	29.1	22.2	74.7	.2	0.0	.2	6.1
5	16.8	29.0	21.2	75.0	12.0	1.7	13.7	5.9
6	16.5	25.8	20.2	79.0	4.8	.2	5.0	4.0
7	15.2	28.0	21.2	79.0	0.0	0.0	0.0	5.9
8	16.0	29.5	23.2	71.3	0.0	0.0	0.0	11.2
9	17.8	30.8	23.4	69.3	0.0	0.0	0.0	8.6
10	16.5	26.5	21.5	77.3	0.0	0.0	0.0	2.7
11	16.0	26.8	20.7	81.7	0.0	0.0	0.0	2.6
12	15.5	28.6	21.3	75.3	0.0	0.0	0.0	7.7
13	15.9	29.3	21.6	75.7	12.2	.1	12.3	7.6
14	17.0	28.8	21.5	73.3	0.0	14.0	14.0	7.3
15	16.4	27.6	20.6	75.3	.3	0.0	.3	5.5
16	14.9	26.0	20.6	76.7	.5	1.9	2.4	5.3
17	15.5	26.6	20.6	74.0	0.0	0.0	0.0	4.4
18	15.9	25.8	20.6	78.0	0.0	0.0	0.0	4.1
19	16.0	25.7	20.2	76.0	0.0	.7	.7	3.0
20	15.7	24.8	20.2	74.7	.1	0.0	.1	1.0
21	15.8	26.4	20.4	77.7	.5	0.0	.5	5.8
22	16.0	27.4	21.4	68.7	0.0	0.0	0.0	7.3
23	16.9	29.8	22.8	65.3	0.0	.5	.5	8.8
24	16.0	28.7	20.4	76.7	2.1	.1	2.2	6.5
25	15.1	26.0	20.0	76.0	0.0	0.0	0.0	5.2
26	15.2	29.8	23.0	59.7	0.0	0.0	0.0	9.9
27	15.8	30.3	22.8	61.7	0.0	2.5	2.5	8.2
28	15.3	29.2	21.8	71.3	2.0	.4	2.4	9.0
29	15.5	29.3	21.6	62.7	0.0	0.0	0.0	9.7
30	15.2	27.2	20.8	69.0	10.5	0.0	10.5	8.2
31	14.6	26.2	19.3	77.7	0.0	0.0	0.0	6.2
Total :					45.2	22.9	68.1	201.1
Promedio :	16.0	27.9	21.4	73.2				

Agosto	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.3	29.0	19.8	76.0	.7	.2	.9	6.7
2	14.2	29.2	21.8	63.7	0.0	0.0	0.0	10.4
3	16.4	28.0	21.4	66.3	0.0	0.0	0.0	6.1
4	14.0	29.0	20.6	70.7	5.1	0.0	5.1	8.1
5	15.8	28.4	21.9	65.0	0.0	.2	.2	8.1
6	15.0	27.8	21.8	63.7	0.0	.4	.4	6.0
7	15.9	29.9	21.6	67.3	0.0	0.0	0.0	6.7
8	15.2	28.0	21.8	70.7	.1	11.3	11.4	7.2
9	15.5	27.6	20.7	74.7	0.0	.1	.1	9.3
10	16.3	27.8	20.7	74.3	0.0	0.0	0.0	4.4
11	15.0	29.4	21.5	71.7	0.0	0.0	0.0	6.5
12	15.0	29.5	22.4	60.3	0.0	0.0	0.0	9.4
13	16.0	29.8	23.6	61.7	0.0	0.0	0.0	7.0
14	16.2	29.6	22.2	71.0	5.1	0.0	5.1	5.2
15	16.5	30.3	20.2	75.7	42.3	0.0	42.3	8.7
16	14.7	30.0	21.3	72.7	0.0	0.0	0.0	8.6
17	13.8	31.0	23.2	55.3	0.0	.2	.2	9.0
18	15.0	30.0	22.4	63.0	0.0	.8	.8	8.7
19	16.1	28.1	21.8	68.0	0.0	0.0	0.0	6.2
20	15.0	28.5	19.3	76.0	5.6	0.0	5.6	5.4
21	13.0	29.8	21.2	64.3	0.0	0.0	0.0	9.6
22	15.3	30.5	22.6	67.0	0.0	1.1	1.1	9.5
23	14.9	28.8	21.5	66.3	0.0	0.0	0.0	7.8
24	15.0	29.8	21.6	70.3	0.0	4.9	4.9	10.6
25	16.0	29.6	22.8	69.3	0.0	14.4	14.4	7.7
26	16.2	26.5	20.6	65.3	1.4	1.9	3.3	5.1
27	15.1	27.4	20.3	82.3	.5	.2	.7	4.4
28	16.8	27.2	20.9	75.0	0.0	7.8	7.8	3.9
29	16.0	25.6	20.6	76.3	0.0	8.0	8.0	2.9
30	14.2	26.4	20.4	74.0	0.0	0.0	0.0	5.7
31	17.3	27.8	21.4	73.3	0.0	5.8	5.8	7.1
Total :					60.8	57.3	118.1	222.0
Promedio :	15.3	28.7	21.4	69.4				

Estación : ALBERTO SANTOS
Año : 2002

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 6 ° 30 ' N
Longitud : 73 ° 13 ' W
Altitud : 1500 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	26.5	20.2	79.3	1.0	0.0	1.0	5.0
2	15.6	26.7	19.2	81.7	0.0	0.0	0.0	4.1
3	15.4	28.2	21.1	70.7	.3	0.0	.3	6.7
4	14.6	30.2	22.8	60.0	0.0	.5	.5	10.0
5	15.8	29.2	21.9	63.0	0.0	.5	.5	7.6
6	15.6	31.0	22.2	67.0	.1	2.8	2.9	9.7
7	15.3	30.5	21.8	68.3	1.0	.2	1.2	8.1
8	15.8	31.9	23.0	56.0	0.0	1.6	1.6	10.7
9	16.0	27.2	21.2	74.3	.3	.1	.4	1.9
10	15.9	29.1	22.2	60.7	0.0	6.3	6.3	6.2
11	16.0	27.3	20.2	75.0	0.0	0.0	0.0	5.5
12	15.8	29.8	21.7	68.7	.3	.6	.9	7.7
13	16.2	28.8	20.4	75.7	2.4	.2	2.6	5.4
14	15.0	28.0	22.4	62.3	0.0	.8	.8	7.1
15	16.0	29.3	22.7	59.0	0.0	2.3	2.3	7.9
16	16.3	30.1	22.8	66.7	0.0	0.0	0.0	8.3
17	16.7	26.0	19.6	79.3	0.0	0.0	0.0	2.5
18	15.0	28.8	19.4	75.7	62.7	8.4	71.1	6.2
19	14.7	27.2	18.6	81.7	5.6	3.1	8.7	6.0
20	15.0	27.8	20.8	72.0	0.0	0.0	0.0	8.9
21	15.7	29.8	22.3	66.0	0.0	5.4	5.4	9.2
22	15.8	28.5	21.6	66.7	0.0	0.0	0.0	9.3
23	17.8	29.2	21.4	70.0	0.0	0.0	0.0	8.9
24	15.6	28.0	21.4	74.0	0.0	1.4	1.4	6.4
25	14.9	26.9	20.4	77.0	0.0	11.7	11.7	7.6
26	16.0	24.1	18.6	91.7	6.4	9.1	15.5	3.6
27	15.8	27.7	21.6	73.0	0.0	7.0	7.0	9.5
28	15.9	25.2	20.2	80.7	1.3	6.7	8.0	4.1
29	16.0	26.1	20.6	69.3	0.0	0.0	0.0	7.4
30	16.5	28.7	21.6	69.7	0.0	1.2	1.2	8.8
31								
Total :					81.4	69.9	151.3	210.3
Promedio :	15.7	28.3	21.1	71.2				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	28.9	21.6	66.7	0.0	1.5	1.5	9.4
2	14.5	28.8	22.0	56.0	0.0	0.0	0.0	9.6
3	15.0	29.2	21.2	68.0	0.0	0.0	0.0	9.0
4	15.6	29.0	22.2	56.3	0.0	0.0	0.0	9.0
5	15.0	29.4	22.2	55.3	0.0	2.8	2.8	8.5
6	14.8	28.6	20.5	72.3	21.2	1.4	22.6	6.9
7	16.0	27.0	21.0	74.0	0.0	1.1	1.1	6.5
8	16.6	26.5	19.9	72.7	0.0	0.0	0.0	8.7
9	16.4	26.9	19.9	73.7	1.0	0.0	1.0	6.1
10	14.8	28.5	21.2	68.3	0.0	21.3	21.3	9.4
11	15.5	26.5	20.2	77.0	.8	12.0	12.8	7.0
12	15.0	24.8	19.8	78.3	0.0	0.0	0.0	4.2
13	16.5	27.7	21.6	67.0	0.0	0.0	0.0	8.7
14	16.2	28.0	21.7	68.7	0.0	0.0	0.0	9.4
15	15.8	26.9	21.0	69.7	.1	.2	.3	7.5
16	14.4	27.0	21.2	67.7	0.0	.5	.5	7.1
17	16.0	27.5	20.2	69.7	0.0	0.0	0.0	7.9
18	15.2	27.1	20.7	68.7	0.0	5.4	5.4	4.2
19	16.2	24.0	19.1	77.0	0.0	0.0	0.0	.5
20	14.8	27.5	19.5	69.7	26.0	21.0	47.0	8.5
21	15.0	27.0	20.3	75.3	0.0	.8	.8	8.0
22	16.8	25.4	19.4	80.0	34.0	0.0	34.0	3.6
23	15.5	26.3	20.2	77.0	0.0	0.0	0.0	5.6
24	16.4	27.5	20.1	76.0	19.0	6.0	25.0	7.4
25	16.0	26.8	20.3	81.0	0.0	0.0	0.0	7.0
26	16.4	26.5	20.2	73.3	0.0	2.0	2.0	6.5
27	15.0	22.6	18.5	88.0	0.0	15.8	15.8	2.6
28	15.7	26.5	20.0	71.7	0.0	16.3	16.3	5.5
29	16.0	25.8	19.4	81.3	2.4	6.9	9.3	6.7
30	16.4	23.6	19.0	81.7	9.0	0.0	9.0	4.4
31	15.0	24.8	19.6	79.0	0.0	0.0	0.0	7.7
Total :					113.5	115.0	228.5	213.1
Promedio :	15.6	26.9	20.4	72.3				

Estación : ALBERTO SANTOS
Año : 2002

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 6 ° 30 ' N
Longitud : 73 ° 13 ' W
Altitud : 1500 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	25.0	19.6	75.0	.2	1.0	1.2	5.4
2	15.0	23.6	19.1	80.0	1.2	3.1	4.3	3.0
3	16.2	24.7	19.8	77.7	3.8	12.1	15.9	3.9
4	15.0	26.6	20.0	81.0	4.2	10.6	14.8	7.7
5	15.4	26.5	20.3	68.0	0.0	1.2	1.2	8.9
6	15.7	25.3	19.7	76.0	0.0	1.1	1.1	4.6
7	15.8	24.6	19.8	79.7	.9	9.1	10.0	3.4
8	15.0	22.3	18.8	84.0	1.1	3.2	4.3	1.1
9	14.6	25.0	19.6	71.7	0.0	0.0	0.0	8.3
10	15.4	27.4	19.9	74.7	0.0	1.2	1.2	8.4
11	15.0	27.5	20.9	71.0	0.0	0.0	0.0	8.6
12	14.6	25.2	20.0	75.7	11.0	0.0	11.0	4.0
13	16.4	25.4	20.6	73.3	0.0	11.9	11.9	8.6
14	15.8	26.7	20.1	81.0	0.0	.3	.3	6.9
15	16.4	26.9	21.2	67.7	0.0	0.0	0.0	9.4
16	15.2	26.6	20.7	74.0	0.0	0.0	0.0	6.7
17	15.0	24.4	19.6	80.0	1.4	0.0	1.4	.3
18	15.6	26.8	18.9	74.7	4.4	.4	4.8	6.9
19	16.4	26.9	20.5	71.3	0.0	0.0	0.0	5.9
20	16.0	28.0	20.7	71.3	0.0	0.0	0.0	8.9
21	15.7	28.7	22.2	65.0	0.0	0.0	0.0	9.5
22	16.4	28.5	21.0	68.7	0.0	0.0	0.0	8.3
23	16.5	26.0	20.3	71.3	1.0	.3	1.3	5.5
24	16.0	27.8	21.0	70.7	0.0	0.0	0.0	8.8
25	15.6	28.6	20.8	74.3	0.0	0.0	0.0	8.2
26	15.5	28.1	21.8	72.3	0.0	0.0	0.0	8.3
27	16.6	29.7	22.4	67.3	0.0	0.0	0.0	9.0
28	17.0	29.3	21.4	72.0	3.8	0.0	3.8	7.2
29	15.0	27.7	21.7	70.3	0.0	0.0	0.0	6.9
30	15.7	28.8	22.2	66.7	0.0	0.0	0.0	7.7
31								
Total :					33.0	55.5	88.5	200.3
Promedio :	15.7	26.6	20.5	73.5				

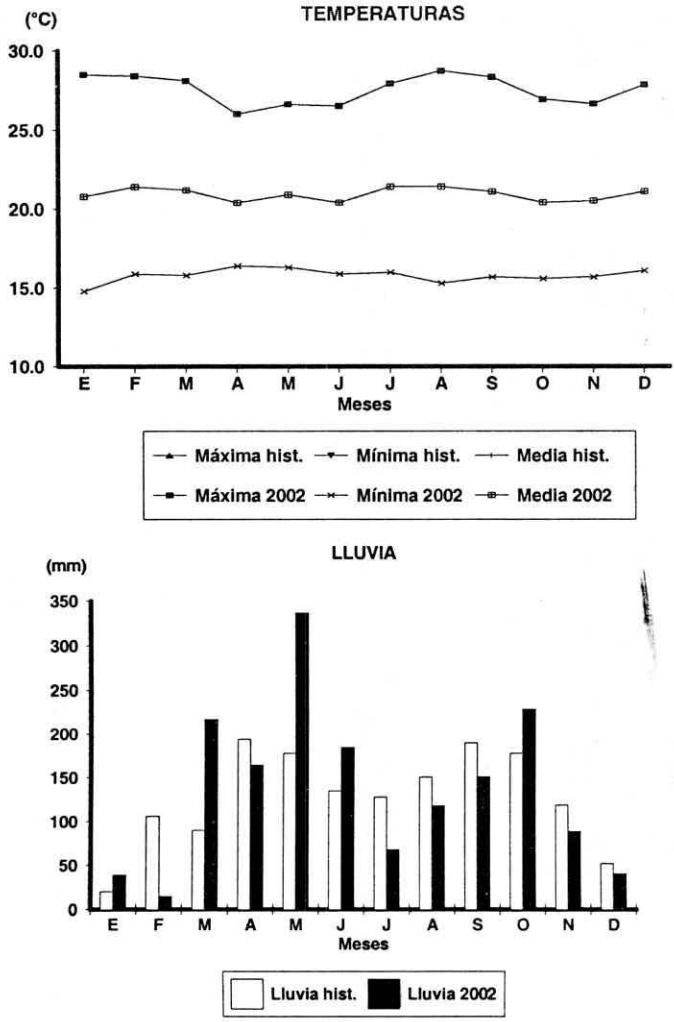
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	29.9	22.1	71.3	0.0	0.0	0.0	8.7
2	15.5	29.0	22.3	59.7	0.0	0.0	0.0	8.3
3	15.8	28.5	22.4	64.0	0.0	0.0	0.0	8.3
4	16.0	29.1	21.3	71.7	9.7	0.0	9.7	8.1
5	16.3	27.0	21.2	65.0	0.0	0.0	0.0	8.9
6	17.1	28.2	21.3	68.3	0.0	0.0	0.0	8.7
7	16.6	28.3	21.1	68.0	0.0	0.0	0.0	6.6
8	15.5	28.1	21.4	71.0	0.0	0.0	0.0	6.8
9	16.0	27.5	20.3	75.7	0.0	0.0	0.0	5.9
10	14.8	28.0	20.5	71.0	0.0	0.0	0.0	8.1
11	15.6	28.5	21.5	68.3	0.0	0.0	0.0	7.9
12	17.0	29.0	21.4	66.3	0.0	0.0	0.0	7.9
13	15.5	28.9	21.4	69.3	0.0	0.0	0.0	8.4
14	17.5	28.0	21.4	74.3	1.3	12.7	14.0	6.9
15	15.6	21.8	18.2	91.3	3.0	0.0	3.0	.3
16	15.0	25.6	19.8	79.0	.5	5.3	5.8	8.7
17	17.0	24.2	19.0	91.0	.7	7.1	7.8	1.1
18	16.4	24.3	19.1	87.3	0.0	0.0	0.0	2.2
19	16.2	27.3	20.4	71.3	0.0	0.0	0.0	7.8
20	16.8	27.5	21.2	68.3	0.0	0.0	0.0	7.6
21	16.7	27.0	20.8	71.0	0.0	0.0	0.0	9.1
22	16.3	27.6	22.0	64.3	0.0	0.0	0.0	8.9
23	15.6	28.1	21.4	69.0	0.0	0.0	0.0	8.5
24	15.0	29.0	21.0	71.7	0.0	0.0	0.0	8.8
25	15.6	29.1	21.5	69.7	.2	0.0	.2	8.2
26	17.3	28.5	21.7	63.3	0.0	0.0	0.0	8.4
27	15.5	28.8	21.5	62.0	0.0	0.0	0.0	8.3
28	15.8	28.6	22.2	63.0	0.0	0.0	0.0	7.6
29	17.0	27.5	21.0	73.3	0.0	0.0	0.0	5.3
30	15.6	28.5	21.4	71.0	0.0	0.0	0.0	7.8
31	16.4	29.3	21.9	67.0	0.0	0.0		7.7
Total :					15.4	25.1	40.5	225.8
Promedio :	16.1	27.8	21.1	70.9				

Estación : ALBERTO SANTOS
Año : 2002

Dpto. : SANTANDER
Mpio. : SOCORRO

Latitud : 6 ° 30 ' N
Longitud : 73 ° 13 ' W
Altitud : 1500 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	14.8	28.5	20.8	30.8	13.2	67.1	39.0	3	239.6
Febrero	15.9	28.4	21.4	31.6	13.8	66.6	14.4	8	209.0
Marzo	15.8	28.1	21.2	30.2	13.6	70.1	216.6	21	196.8
Abril	16.4	26.0	20.4	29.2	14.2	78.0	164.4	23	150.6
Mayo	16.3	26.6	20.9	29.4	15.0	77.4	336.3	19	161.7
Junio	15.9	26.5	20.4	29.7	14.1	79.7	184.7	22	179.6
Julio	16.0	27.9	21.4	30.8	14.6	73.2	68.1	16	201.1
Agosto	15.3	28.7	21.4	31.0	13.0	69.4	118.1	19	222.0
Septiembre	15.7	28.3	21.1	31.9	14.6	71.2	151.3	22	210.3
Octubre	15.6	26.9	20.4	29.4	14.4	72.3	228.5	19	213.1
Noviembre	15.7	26.6	20.5	29.7	14.6	73.5	88.5	16	200.3
Diciembre	16.1	27.8	21.1	29.9	14.8	70.9	40.5	6	225.8
Promedio :	15.8	27.5	20.9			72.5			
Absoluta :				31.9	13.0				
Total :							1650.4	194	2409.9



Estación : TRICONTINENTAL
Año : 2002

Dpto. : TOLIMA
Mpio. : FRESNO

Latitud : 5 ° 9 ' N
Longitud : 75 ° 0 ' W
Altitud : 1269 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1							0.0	
2							0.0	
3							4.0	
4							0.0	
5							0.0	
6							15.0	
7							40.0	
8							45.0	
9							0.0	
10							0.0	
11							15.0	
12							30.0	
13							0.0	
14							9.0	
15							0.0	
16							0.0	
17							0.0	
18							0.0	
19							11.0	
20							0.0	
21							33.0	
22							45.0	
23							0.0	
24							0.0	
25							0.0	
26							0.0	
27							0.0	
28							0.0	
29							0.0	
30							0.0	
31							0.0	
Total :							247.0	
Promedio :								

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1							0.0	
2							0.0	
3							17.0	
4							0.0	
5							25.0	
6							0.0	
7							0.0	
8							15.0	
9							0.0	
10							0.0	
11							28.0	
12							22.0	
13							20.0	
14							0.0	
15							24.0	
16							15.0	
17							0.0	
18							34.0	
19							0.0	
20							0.0	
21							0.0	
22							20.0	
23							0.0	
24							0.0	
25							0.0	
26							0.0	
27							0.0	
28							0.0	
29								
30								
31								
Total :							220.0	
Promedio :								

Estación : TRICONTINENTAL
Año : 2002

Dpto. : TOLIMA
Mpio. : FRESNO

Latitud : 5 ° 9 ' N
Longitud : 75 ° 0 ' W
Altitud : 1269 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1							0.0	
2							0.0	
3							0.0	
4							2.0	
5							0.0	
6							0.0	
7							0.0	
8							70.0	
9							0.0	
10							0.0	
11							2.0	
12							10.0	
13							12.0	
14							15.0	
15							17.0	
16							57.0	
17							0.0	
18							10.0	
19							0.0	
20							13.0	
21							0.0	
22							0.0	
23							0.0	
24							10.0	
25							0.0	
26							0.0	
27							20.0	
28							10.0	
29							0.0	
30							0.0	
31							0.0	
Total							248.0	
Promedio								

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1							42.0	
2							0.0	
3							50.0	
4							0.0	
5							37.0	
6							53.0	
7							17.0	
8							23.0	
9							22.0	
10							2.0	
11							0.0	
12							50.0	
13							0.0	
14							0.0	
15							30.0	
16							0.0	
17							0.0	
18							0.0	
19							45.0	
20							26.0	
21							0.0	
22							0.0	
23							15.0	
24							21.0	
25							0.0	
26							13.0	
27							7.0	
28							0.0	
29							9.0	
30							0.0	
31								
Total							462.0	
Promedio								

Estación : TRICONTINENTAL
Año : 2002

Dpto. : TOLIMA
Mpio. : FRESNO

Latitud : 5 ° 9 ' N
Longitud : 75 ° 0 ' W
Altitud : 1269 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1							0.0	
2							0.0	
3							0.0	
4							0.0	
5							0.0	
6							0.0	
7							0.0	
8							0.0	
9							0.0	
10							0.0	
11							0.0	
12							0.0	
13							0.0	
14							0.0	
15							0.0	
16							0.0	
17							37.0	
18							33.0	
19							15.0	
20							48.0	
21							0.0	
22							5.0	
23							0.0	
24							19.0	
25							22.0	
26							41.0	
27							0.0	
28							33.0	
29							15.0	
30							47.0	
31							0.0	
Total :							315.0	
Promedio :								

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1							15.0	
2							0.0	
3							0.0	
4							0.0	
5							45.0	
6							52.0	
7							18.0	
8							52.0	
9							0.0	
10							6.0	
11							0.0	
12							2.0	
13							0.0	
14							9.0	
15							0.0	
16							0.0	
17							0.0	
18							0.0	
19							0.0	
20							0.0	
21							0.0	
22							0.0	
23							0.0	
24							0.0	
25							0.0	
26							0.0	
27							0.0	
28							0.0	
29							0.0	
30							0.0	
31								
Total :							199.0	
Promedio :								

Estación : TRICONTINENTAL
Año : 2002

Dpto. : TOLIMA
Mpio. : FRESNO

Latitud : 5 ° 9 ' N
Longitud : 75 ° 0 ' W
Altitud : 1269 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1							0.0	
2							0.0	
3							0.0	
4							0.0	
5							49.0	
6							0.0	
7							0.0	
8							0.0	
9							0.0	
10							0.0	
11							0.0	
12							0.0	
13							0.0	
14							0.0	
15							0.0	
16							0.0	
17							39.0	
18							0.0	
19							0.0	
20							0.0	
21							2.0	
22							0.0	
23							0.0	
24							9.0	
25							0.0	
26					0.0	0.0	0.0	
27					0.0	0.0	0.0	
28					0.0	0.0	0.0	
29					0.0	1.2	1.2	
30					.2	.2	.4	
31					0.0	0.0	0.0	
Total :							100.6	
Promedio :								

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.2	21.8	72.7	0.0	0.0	0.0	9.4
2	18.4	28.0	24.0	63.3	0.0	0.0	0.0	11.1
3	17.4	25.7	21.6	75.7	0.0	0.0	0.0	3.1
4	16.8	27.0	22.5	72.0	0.0	0.0	0.0	8.8
5	17.4	27.4	23.1	72.0	0.0	0.0	0.0	9.5
6	18.0	28.4	23.6	70.3	0.0	0.0	0.0	10.7
7	18.3	28.4	23.6	67.7	0.0	0.0	0.0	8.8
8	17.6	27.8	23.2	69.7	0.0	1.8	1.8	8.8
9	17.0	26.0	20.9	82.0	0.0	0.0	0.0	6.8
10	16.8	27.4	22.3	60.7	0.0	0.0	0.0	8.7
11	17.8	25.6	22.2	68.7	0.0	0.0	0.0	7.7
12	17.4	28.0	23.8	64.3	0.0	0.0	0.0	9.9
13	18.4	27.8	23.6	68.0	0.0	0.0	0.0	7.9
14	18.0	28.0	23.6	69.7	0.0	0.0	0.0	6.4
15	18.4	29.0	24.7	66.3	0.0	0.0	0.0	8.1
16	19.4	28.2	23.6	69.3	0.0	0.0	0.0	9.4
17	18.0	27.8	23.1	67.3	0.0	0.0	0.0	8.0
18	19.6	29.6	24.8	58.3	0.0	0.0	0.0	9.9
19	18.2	27.5	22.9	70.7	0.0	0.0	0.0	5.2
20	19.0	27.8	23.6	75.7	0.0	0.0	0.0	6.2
21	18.0	29.2	25.2	67.7	0.0	0.0	0.0	10.0
22	20.0	29.0	23.8	68.3	0.0	0.0	0.0	7.4
23	19.5	28.8	22.9	75.7	0.0	0.0	0.0	8.0
24	18.0	30.0	24.8	69.0	0.0	0.0	0.0	10.6
25	18.2	28.8	24.1	74.7	10.4	43.3	53.7	7.6
26	15.5	25.2	21.6	87.3	0.0	25.1	25.1	3.9
27	16.0	25.5	20.6	90.7	0.0	.5	.5	2.8
28	18.1	25.4	21.3	88.0	0.0	1.5	1.5	3.5
29	18.0	25.0	20.4	92.0	1.0	0.0	1.0	2.0
30	17.5	25.2	21.8	82.7	0.0	4.0	4.0	5.3
31	18.2	25.6	21.4	90.7	0.0	1.1	1.1	2.8
Total :					11.4	77.3	88.7	228.3
Promedio :	17.9	27.4	22.9	73.3				

Estación : TRICONTINENTAL
Año : 2002

Dpto. : TOLIMA
Mpio. : FRESNO

Latitud : 5 ° 9 ' N
Longitud : 75 ° 0 ' W
Altitud : 1269 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	25.8	20.6	88.3	0.0	1.3	1.3	4.6
2	18.3	25.8	22.2	82.0	0.0	40.2	40.2	6.2
3	17.3	27.0	22.8	79.3	0.0	23.6	23.6	8.0
4	15.4	27.3	22.9	74.0	0.0	0.0	0.0	10.0
5	18.2	27.5	22.2	79.3	0.0	0.0	0.0	5.4
6	18.0	28.0	23.2	72.7	0.0	0.0	0.0	9.0
7	19.2	28.2	24.0	68.0	0.0	0.0	0.0	7.8
8	18.4	28.6	23.6	64.7	0.0	11.9	11.9	10.6
9	15.6	27.4	22.5	84.0	0.0	0.0	0.0	7.4
10	18.2	26.5	23.0	71.3	0.0	26.4	26.4	4.9
11	17.5	26.3	21.7	85.7	0.0	0.0	0.0	4.8
12	17.6	28.2	23.3	76.0	0.0	0.0	0.0	9.5
13	17.5	27.6	23.3	73.3	0.0	0.0	0.0	8.2
14	18.5	28.9	21.8	80.7	0.0	0.0	0.0	9.4
15	18.4	27.9	22.6	79.0	0.0	0.0	0.0	9.3
16	19.6	27.3	23.0	69.7	0.0	0.0	0.0	7.7
17	18.2	25.8	21.1	84.7	.7	.3	1.0	.9
18	17.4	25.6	21.1	88.0	0.0	37.5	37.5	5.0
19	16.0	24.3	20.9	83.3	0.0	18.4	18.4	8.2
20	17.5	27.4	22.5	82.3	0.0	24.9	24.9	8.8
21	17.8	27.7	22.6	81.0	0.0	0.0	0.0	7.4
22	18.2	28.4	22.9	73.3	0.0	.6	.6	9.6
23	17.3	27.8	21.4	87.3	0.0	0.0	0.0	6.3
24	17.5	26.5	21.4	91.0	0.0	36.8	36.8	1.3
25	17.3	23.2	20.0	94.3	.9	16.0	16.9	2.5
26	16.0	23.0	19.5	90.7	4.0	27.8	31.8	.7
27	16.7	25.4	21.5	89.0	3.2	0.0	3.2	6.0
28	16.5	23.4	20.0	88.0	0.0	0.0	0.0	1.1
29	17.4	26.2	21.3	86.7	0.0	0.0	0.0	6.4
30	17.5	26.4	22.2	83.7	0.0	0.0	0.0	9.5
31								
Total :					8.8	265.7	274.5	196.5
Promedio :	17.6	26.6	22.0	81.0				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.6	27.2	22.6	84.3	0.0	0.0	0.0	9.5
2	18.4	27.5	23.1	79.0	0.0	17.7	17.7	10.0
3	16.5	27.2	22.8	79.0	0.0	0.0	0.0	7.7
4	17.0	28.4	23.0	79.3	0.0	0.0	0.0	9.6
5	18.5	28.1	23.6	79.3	0.0	.6	.6	9.8
6	17.7	28.2	23.2	81.7	0.0	6.3	6.3	7.8
7	17.5	27.2	22.1	89.3	.6	36.5	37.1	9.0
8	17.6	25.2	20.2	92.0	4.0	7.8	11.8	3.2
9	18.3	25.4	21.3	89.3	1.1	0.0	1.1	4.6
10	18.2	27.4	23.7	79.0	0.0	3.1	3.1	7.6
11	17.3	25.6	21.0	88.0	.9	0.0	.9	1.9
12	18.5	25.7	22.3	80.0	0.0	0.0	0.0	2.3
13	18.4	27.6	22.2	85.0	0.0	0.0	0.0	9.7
14	18.2	28.4	22.6	84.0	0.0	.3	.3	9.7
15	17.7	27.4	21.0	85.3	1.8	2.8	4.6	7.2
16	17.5	27.2	22.2	87.0	0.0	53.6	53.6	6.5
17	16.0	25.6	20.6	89.7	.9	0.0	.9	5.7
18	17.4	26.0	20.8	89.0	0.0	14.6	14.6	6.1
19	17.0	26.3	21.3	92.3	0.0	5.0	5.0	4.4
20	17.7	27.4	21.5	90.3	3.2	7.8	11.0	6.4
21	16.3	25.9	21.0	88.0	0.0	0.0	0.0	7.4
22	17.0	23.2	19.6	92.0	4.1	0.0	4.1	.2
23	17.8	26.8	21.3	92.0	0.0	35.4	35.4	5.1
24	16.6	26.0	20.8	89.7	0.0	48.7	48.7	6.5
25	17.0	25.6	20.6	92.3	1.0	0.0	1.0	3.7
26	17.5	26.1	21.0	92.0	1.1	25.3	26.4	3.3
27	16.6	23.4	19.4	91.3	0.0	48.2	48.2	1.7
28	15.6	25.0	19.9	91.0	0.0	1.4	1.4	4.6
29	17.4	25.4	20.5	93.0	0.0	7.8	7.8	3.5
30	16.9	24.3	19.4	95.0	27.1	0.0	27.1	2.0
31	16.7	25.6	20.8	91.0	0.0	0.0	0.0	6.2
Total :					45.8	322.9	368.7	182.9
Promedio :	17.4	26.3	21.5	87.4				

Estación : TRICONTINENTAL
Año : 2002

Dpto. : TOLIMA
Mpio. : FRESNO

Latitud : 5 ° 9 ' N
Longitud : 75 ° 0 ' W
Altitud : 1269 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	27.4	21.4	89.7	0.0	3.8	3.8	7.4
2	16.9	25.0	20.0	91.3	0.0	3.2	3.2	5.5
3	17.5	25.2	20.4	91.3	.4	0.0	.4	1.7
4	17.9	27.6	21.9	88.0	0.0	14.1	14.1	6.8
5	17.5	24.8	20.9	88.3	0.0	0.0	0.0	2.9
6	16.6	25.2	20.0	91.0	0.0	.6	.6	5.2
7	17.1	24.6	20.3	92.3	9.0	2.4	11.4	3.9
8	17.1	23.2	19.4	94.3	0.0	.3	.3	1.1
9	16.4	25.8	20.6	90.0	0.0	.5	.5	2.6
10	16.8	26.6	21.8	87.0	0.0	0.0	0.0	8.2
11	17.5	25.8	21.1	88.0	0.0	0.0	0.0	3.9
12	18.0	26.5	21.5	89.3	0.0	6.2	6.2	5.6
13	17.6	24.0	20.2	91.3	0.0	23.6	23.6	2.2
14	17.0	24.2	20.6	90.7	0.0	0.0	0.0	5.6
15	18.0	26.5	21.9	87.0	0.0	0.0	0.0	7.6
16	18.6	27.4	22.4	86.7	0.0	0.0	0.0	6.6
17	18.0	26.6	22.2	83.3	0.0	3.5	3.5	5.4
18	17.5	25.6	20.8	90.7	1.4	1.8	3.2	4.3
19	17.4	25.9	21.0	90.3	0.0	0.0	0.0	6.2
20	17.6	27.8	22.0	86.0	0.0	0.0	0.0	6.6
21	19.0	27.4	22.5	90.3	0.0	0.0	0.0	7.5
22	18.6	28.5	22.8	74.0	0.0	4.8	4.8	9.7
23	17.0	27.6	21.8	83.0	0.0	0.0	0.0	6.8
24	17.6	25.4	21.7	86.7	0.0	0.0	0.0	6.9
25	18.5	28.1	22.6	85.3	0.0	0.0	0.0	10.1
26	19.0	28.4	22.9	85.0	0.0	0.0	0.0	7.6
27	19.2	27.8	23.1	83.0	0.0	0.0	0.0	7.5
28	18.5	27.9	22.7	84.0	0.0	0.0	0.0	8.6
29	18.4	27.4	21.8	80.7	1.0	0.0	1.0	5.3
30	18.8	28.4	22.8	87.7	0.0	25.3	25.3	9.3
31								
Total :					11.8	90.1	101.9	178.6
Promedio :	17.8	26.4	21.5	87.5				

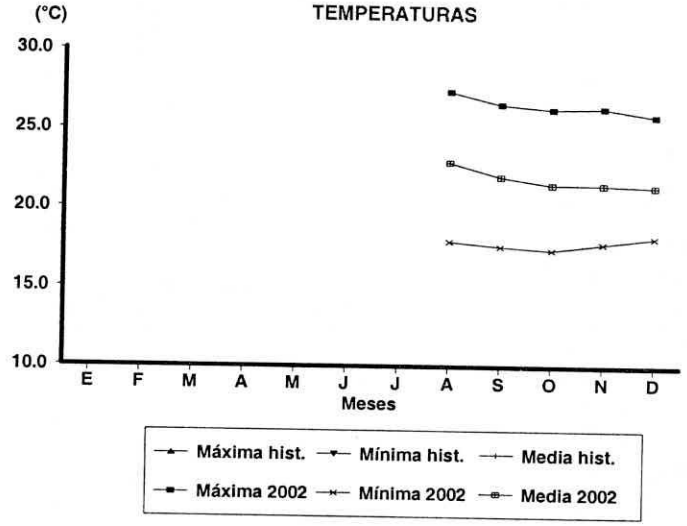
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.3	27.8	21.5	91.7	0.0	0.0	0.0	6.2
2	18.8	28.4	23.5	84.0	0.0	0.0	0.0	10.3
3	19.3	28.2	22.6	82.0	0.0	0.0	0.0	4.9
4	18.5	27.9	23.0	74.7	0.0	0.0	0.0	8.7
5	19.0	27.2	21.8	87.7	0.0	20.5	20.5	6.9
6	17.0	25.9	21.3	91.0	0.0	0.0	0.0	6.0
7	18.5	26.5	22.0	89.0	0.0	5.0	5.0	4.1
8	18.3	25.4	21.0	92.3	3.5	19.1	22.6	2.4
9	17.8	24.9	20.0	94.0	7.2	6.2	13.4	2.0
10	17.6	26.0	21.4	90.3	0.0	5.8	5.8	1.4
11	18.3	25.6	20.6	93.7	0.0	0.0	0.0	1.4
12	17.5	27.5	22.3	84.7	0.0	0.0	0.0	7.3
13	18.2	26.8	22.0	92.7	0.0	7.1	7.1	4.6
14	18.7	23.9	20.3	95.3	4.3	.5	4.8	.6
15	17.7	21.5	19.7	93.3	15.4	1.8	17.2	0.0
16	17.3	24.0	20.3	94.7	.2	74.6	74.8	.2
17	17.0	22.0	19.0	96.7	22.9	.3	23.2	.2
18	17.4	23.3	19.1	96.3	.3	0.0	.3	.4
19	18.1	26.2	21.0	94.0	0.0	.9	.9	4.0
20	18.4	25.8	21.4	95.0	0.0	2.9	2.9	1.8
21	18.2	24.3	20.3	93.3	.6	0.0	.6	3.1
22	18.5	27.0	22.0	88.7	0.0	0.0	0.0	7.4
23	18.3	27.4	22.5	87.0	0.0	0.0	0.0	8.0
24	18.9	25.8	22.2	89.0	0.0	0.0	0.0	5.4
25	18.1	27.6	22.1	86.3	0.0	.7	.7	9.0
26	18.0	25.5	21.5	93.3	0.0	2.9	2.9	2.9
27	19.4	27.0	22.0	92.3	3.5	0.0	3.5	4.7
28	18.0	26.4	21.8	87.7	0.0	9.7	9.7	3.9
29	18.2	23.8	20.0	95.0	0.0	0.0	0.0	.8
30	18.6	26.6	22.3	88.3	0.0	22.5	22.5	6.2
31	18.4	26.2	21.8	83.0	0.0	0.0	0.0	6.3
Total :					57.9	180.5	238.4	131.1
Promedio :	18.2	25.9	21.4	90.2				

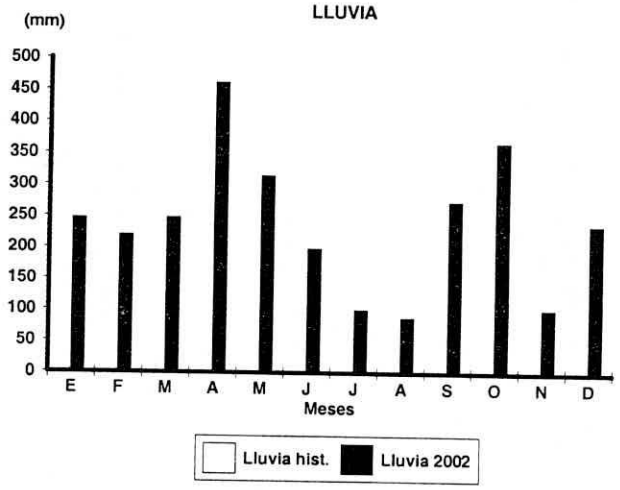
Estación : TRICONTINENTAL
Año : 2002

Dpto. : TOLIMA
Mpio. : FRESNO

Latitud : 5 ° 9 ' N
Longitud : 75 ° 0 ' W
Altitud : 1269 m

MES	TEMPERATURA °C Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	PRECIPITACIÓN Total mm.	Días Lluvia	Brillo Sol. (h)
Enero							247.0	10	
Febrero							220.0	10	
Marzo							248.0	13	
Abril							462.0	17	
Mayo							315.0	11	
Junio							199.0	8	
Julio							100.6	4	
Agosto	17.9	27.4	22.9	30.0	15.5	73.3	88.7	8	228.3
Septiembre	17.6	26.6	22.0	28.9	15.4	81.0	274.5	14	196.5
Octubre	17.4	26.3	21.5	28.4	15.6	87.4	368.7	24	182.9
Noviembre	17.8	26.4	21.5	28.5	16.4	87.5	101.9	15	178.6
Diciembre	18.2	25.9	21.4	28.4	17.0	90.2	238.4	19	131.1
Promedio :									
Absoluta :									
Total :							2863.8	153	





Estación : LA TRINIDAD
Año : 2002

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	27.2	21.5	78.0	0.0	0.0	0.0	6.8
2	16.6	27.4	21.5	72.7	0.0	0.0	0.0	7.5
3	15.6	26.8	20.7	75.0	0.0	0.0	0.0	6.5
4	16.1	25.4	19.9	80.0	0.0	0.0	0.0	6.6
5	16.0	25.6	19.8	77.3	0.0	0.0	0.0	6.2
6	15.6	27.5	20.6	76.0	0.0	.4	.4	4.8
7	17.6	26.9	21.4	78.3	0.0	20.2	20.2	5.6
8	17.8	26.5	20.9	80.7	0.0	4.2	4.2	7.5
9	16.0	26.4	20.4	79.3	0.0	.6	.6	6.2
10	17.4	26.6	20.3	77.7	0.0	0.0	0.0	6.6
11	15.2	26.0	19.8	78.7	0.0	0.0	0.0	3.0
12	16.8	25.2	20.0	73.0	0.0	17.0	17.0	3.6
13	16.5	22.7	19.0	83.3	.2	.1	.3	.1
14	17.4	26.0	20.3	79.3	.5	0.0	.5	6.7
15	16.8	27.0	20.6	76.0	.2	.5	.7	4.4
16	16.8	27.3	20.8	79.3	0.0	0.0	0.0	4.4
17	16.2	27.5	20.7	76.0	0.0	.9	.9	8.1
18	16.6	27.0	20.7	77.3	0.0	0.0	0.0	3.7
19	16.3	26.5	20.8	72.7	0.0	0.0	0.0	4.3
20	16.6	25.4	19.8	75.0	.2	0.0	.2	4.8
21	16.4	27.4	20.6	74.3	0.0	12.5	12.5	3.5
22	17.2	26.0	20.1	82.0	0.0	0.0	0.0	3.9
23	17.0	27.2	21.9	70.7	0.0	0.0	0.0	9.0
24	17.6	26.7	21.4	77.3	0.0	0.0	0.0	6.1
25	16.6	27.5	21.5	71.7	0.0	5.0	5.0	7.4
26	16.5	26.0	20.4	81.3	1.2	0.0	1.2	5.1
27	16.7	27.0	21.4	71.3	0.0	0.0	0.0	7.1
28	17.4	27.5	20.9	65.3	0.0	0.0	0.0	8.6
29	17.8	28.8	22.0	66.7	0.0	0.0	0.0	7.7
30	17.6	24.7	20.5	82.0	0.0	0.0	0.0	.6
31	17.9	26.7	21.6	79.7	0.0	20.5	20.5	4.0
Total :					2.3	81.9	84.2	170.4
Promedio :	16.8	26.5	20.7	76.4				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.0	20.6	75.3	0.0	0.0	0.0	6.2
2	16.8	26.8	21.8	70.0	0.0	0.0	0.0	6.7
3	17.6	27.0	20.1	82.7	2.0	0.0	2.0	.9
4	16.6	21.2	18.8	81.7	.3	2.5	2.8	0.0
5	16.9	27.0	19.8	83.7	0.0	0.0	0.0	4.1
6	17.1	26.4	20.7	76.3	0.0	0.0	0.0	5.0
7	18.0	26.5	19.6	79.7	.4	1.4	1.8	3.2
8	16.4	25.0	18.7	84.0	1.4	0.0	1.4	1.3
9	16.8	25.5	20.0	80.7	0.0	0.0	0.0	1.6
10	16.9	25.8	20.6	79.3	0.0	7.7	7.7	5.5
11	17.2	26.4	20.3	79.7	.8	7.7	8.5	3.2
12	17.7	26.5	21.5	82.7	0.0	14.0	14.0	4.2
13	16.8	26.6	20.6	77.0	0.0	.3	.3	5.9
14	17.6	27.4	21.4	77.3	0.0	1.0	1.0	7.1
15	18.0	25.1	21.1	74.3	0.0	27.2	27.2	3.3
16	16.0	26.7	20.4	81.0	11.5	0.0	11.5	5.5
17	17.9	26.6	20.8	82.0	0.0	2.8	2.8	5.5
18	17.5	27.5	22.4	71.7	0.0	164.3	164.3	7.9
19	16.2	26.0	20.4	85.3	0.0	0.0	0.0	3.5
20	16.2	28.0	21.4	73.7	0.0	0.0	0.0	8.0
21	17.3	28.3	22.1	71.3	0.0	0.0	0.0	5.5
22	18.6	27.1	21.6	77.7	0.0	.2	.2	2.3
23	17.8	26.9	21.1	80.3	0.0	0.0	0.0	3.1
24	16.3	27.7	21.6	72.0	0.0	0.0	0.0	8.1
25	17.6	29.0	21.4	72.3	0.0	0.0	0.0	6.9
26	17.8	25.4	20.2	86.3	0.0	0.0	0.0	2.1
27	18.4	26.6	20.2	83.0	3.6	0.0	3.6	2.7
28	18.0	27.6	21.9	69.0	0.0	2.3	2.3	5.5
29								
30								
31								
Total :					20.0	231.4	251.4	124.8
Promedio :	17.3	26.5	20.8	78.2				

Estación : LA TRINIDAD
Año : 2002

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	27.5	21.2	74.7	0.0	3.9	3.9	7.9
2	16.8	28.1	21.8	70.0	0.0	0.0	0.0	7.6
3	16.9	28.3	21.3	81.3	0.0	0.0	0.0	5.0
4	17.6	27.4	21.6	79.3	0.0	.3	.3	5.8
5	17.0	27.5	20.9	77.7	0.0	0.0	0.0	5.9
6	16.3	27.7	21.0	74.7	0.0	18.5	18.5	5.4
7	17.0	25.5	20.2	81.0	0.0	0.0	0.0	2.5
8	17.5	27.6	21.0	76.0	0.0	12.6	12.6	5.4
9	16.9	27.5	20.5	73.7	0.0	0.0	0.0	8.3
10	16.0	26.8	21.0	67.3	0.0	0.0	0.0	8.4
11	17.0	25.2	20.6	77.7	0.0	3.1	3.1	.8
12	17.2	20.8	18.6	90.0	7.9	0.0	7.9	.7
13	16.6	26.6	21.0	73.0	0.0	40.5	40.5	8.9
14	17.0	26.5	21.2	79.7	0.0	24.8	24.8	5.0
15	16.8	24.8	19.5	87.7	4.2	5.2	9.4	2.1
16	17.0	26.6	22.0	77.3	0.0	38.4	38.4	8.4
17	16.4	23.5	18.9	88.0	1.1	0.0	1.1	.3
18	17.3	27.7	21.6	79.0	0.0	8.5	8.5	5.6
19	17.2	24.5	20.4	80.3	0.0	1.2	1.2	1.8
20	18.0	23.5	20.1	87.0	0.0	1.3	1.3	.3
21	17.2	20.6	18.3	94.3	14.5	0.0	14.5	0.0
22	17.0	24.2	19.5	82.3	0.0	0.0	0.0	1.2
23	16.7	23.0	19.5	85.7	0.0	0.0	0.0	1.8
24	17.1	27.4	21.2	73.0	0.0	5.4	5.4	6.2
25	16.2	25.2	21.0	79.3	0.0	0.0	0.0	7.7
26	17.1	27.4	21.0	78.3	0.0	0.0	0.0	4.9
27	18.2	25.2	20.8	82.0	0.0	0.0	0.0	1.7
28	17.8	22.2	19.4	93.0	11.1	4.0	15.1	.6
29	15.8	20.4	18.4	93.3	8.7	0.0	8.7	0.0
30	15.0	25.9	20.0	81.3	0.0	0.0	0.0	6.1
31	17.9	26.4	21.1	82.0	0.0	0.0	0.0	6.7
Total :					47.5	167.7	215.2	133.0
Promedio :	16.9	25.5	20.5	80.6				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.8	24.3	21.0	83.0	.7	84.0	84.7	1.1
2	16.6	22.5	18.6	94.0	3.7	0.0	3.7	0.0
3	17.1	25.2	20.7	84.0	0.0	11.2	11.2	4.1
4	18.9	26.7	22.1	78.3	0.0	0.0	0.0	6.0
5	16.8	25.6	21.0	73.0	0.0	.4	.4	6.2
6	17.3	25.4	20.1	84.3	6.6	0.0	6.6	2.8
7	17.2	23.2	18.7	86.3	2.7	2.4	5.1	.8
8	16.7	25.6	20.1	84.0	22.4	36.4	58.8	4.8
9	15.2	23.8	18.9	78.7	.5	1.2	1.7	.3
10	16.0	25.0	19.4	82.0	2.2	.4	2.6	2.6
11	16.6	25.6	19.3	80.3	4.9	6.4	11.3	3.1
12	16.8	23.6	19.2	77.3	2.4	36.2	38.6	.7
13	16.2	22.9	18.6	81.7	.3	.9	1.2	0.0
14	16.6	23.2	19.0	88.3	0.0	0.0	0.0	.6
15	16.7	26.8	20.6	80.0	0.0	2.3	2.3	6.1
16	16.4	25.0	21.2	77.7	0.0	.9	.9	9.4
17	17.8	23.8	20.1	84.3	0.0	.2	.2	2.3
18	17.3	24.8	20.2	86.0	.6	.3	.9	3.5
19	16.9	23.6	19.8	81.3	0.0	26.9	26.9	1.8
20	16.2	23.0	18.7	84.3	9.7	39.0	48.7	4.0
21	17.4	24.4	19.6	86.0	0.0	0.0	0.0	3.9
22	17.4	22.8	19.8	85.0	0.0	0.0	0.0	.9
23	16.7	26.8	21.6	79.3	0.0	1.1	1.1	9.3
24	18.4	24.3	20.8	84.0	0.0	12.6	12.6	3.2
25	17.4	20.2	18.0	91.3	2.2	1.1	3.3	0.0
26	17.0	24.8	19.2	84.7	.4	.2	.6	1.3
27	17.2	24.4	19.8	84.0	1.3	3.4	4.7	1.2
28	17.1	22.8	18.4	84.7	38.6	0.0	38.6	.7
29	16.0	24.4	19.3	84.7	0.0	3.7	3.7	2.7
30	17.7	22.4	19.4	89.0	4.1	0.0	4.1	1.1
31								
Total :					103.3	271.2	374.5	84.5
Promedio :	17.0	24.2	19.8	83.4				

Estación : LA TRINIDAD
Año : 2002

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Mayo	Temperatura (°C) Min.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.1	23.4	20.0	84.7	0.0	0.0	0.0	1.1
2	16.4	25.1	20.0	83.7	0.0	0.0	0.0	3.1
3	16.2	26.2	20.9	73.3	0.0	0.0	0.0	5.3
4	18.7	26.8	21.6	74.3	0.0	0.0	0.0	10.5
5	16.2	26.5	22.2	66.3	0.0	0.0	0.0	9.9
6	16.2	28.2	22.0	60.7	0.0	0.0	0.0	10.1
7	17.8	26.4	21.6	67.0	0.0	0.0	0.0	9.9
8	18.8	25.6	20.7	76.3	0.0	0.0	0.0	4.8
9	17.4	27.0	21.9	63.3	0.0	0.0	0.0	6.0
10	16.6	27.2	22.0	65.0	0.0	0.0	0.0	6.9
11	17.8	25.2	21.0	76.3	0.0	0.0	0.0	.3
12	17.4	27.4	22.2	66.7	0.0	0.0	0.0	8.3
13	18.6	25.5	20.8	76.0	0.0	0.0	0.0	3.3
14	17.2	27.2	21.6	76.0	0.0	0.0	0.0	4.6
15	18.5	27.0	22.3	70.7	0.0	0.0	0.0	4.9
16	17.8	26.8	21.7	81.3	0.0	0.0	0.0	3.6
17	19.1	26.4	21.8	78.7	0.0	2.3	2.3	3.0
18	18.0	25.9	21.3	77.3	0.0	28.7	28.7	4.7
19	17.0	24.4	21.1	81.0	0.0	.1	.1	1.2
20	15.5	27.5	22.0	77.7	0.0	55.0	55.0	6.1
21	16.3	24.2	19.6	83.7	0.0	0.0	0.0	2.4
22	17.2	24.8	19.8	83.3	4.7	5.3	10.0	1.2
23	16.7	22.0	19.4	89.7	.5	0.0	.5	1.0
24	17.0	24.8	21.2	77.0	0.0	26.9	26.9	5.9
25	17.2	24.8	20.2	82.7	0.0	77.7	77.7	1.0
26	17.0	23.2	19.9	85.0	.7	20.0	20.7	1.1
27	17.0	25.6	20.0	84.3	.4	8.3	8.7	2.7
28	16.8	21.8	18.2	91.7	16.3	4.5	20.8	1.5
29	16.9	22.3	18.7	87.7	2.9	7.7	10.6	.1
30	16.2	22.8	18.7	87.0	4.7	.2	4.9	.5
31	16.8	20.8	18.2	87.3	13.1	0.0	13.1	0.0
Total					43.3	236.7	280.0	125.0
Promedio	17.2	25.3	20.7	77.9				

Junio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	23.2	20.4	78.7	0.0	15.8	15.8	6.9
2	16.7	24.8	19.6	87.0	4.3	.1	4.4	4.1
3	16.4	25.0	20.1	79.0	.3	0.0	.3	2.6
4	16.0	21.7	18.6	81.3	0.0	0.0	0.0	2.2
5	16.2	22.7	19.2	84.0	0.0	5.5	5.5	.8
6	16.5	23.8	18.9	85.0	0.0	69.2	69.2	3.3
7	14.5	24.0	18.8	75.0	0.0	.2	.2	4.1
8	16.8	24.5	20.6	82.3	0.0	51.8	51.8	6.3
9	15.8	21.8	18.5	88.7	0.0	0.0	0.0	1.9
10	17.0	23.7	20.4	84.7	0.0	13.6	13.6	3.4
11	16.5	23.4	19.4	86.7	13.0	0.0	13.0	3.1
12	16.6	23.7	20.2	79.0	0.0	1.8	1.8	4.2
13	16.8	24.8	18.8	90.3	.3	0.0	.3	2.6
14	16.2	25.2	20.2	76.3	0.0	13.5	13.5	7.0
15	16.8	24.0	18.6	85.3	0.0	0.0	0.0	2.8
16	14.6	24.2	19.5	75.0	0.0	0.0	0.0	7.5
17	16.2	24.6	20.3	75.0	0.0	0.0	0.0	5.1
18	15.8	24.8	19.2	78.0	0.0	0.0	0.0	5.5
19	15.4	25.2	20.3	69.0	0.0	0.0	0.0	9.5
20	15.6	24.0	19.6	74.0	0.0	0.0	0.0	7.0
21	14.8	24.8	19.6	72.7	0.0	0.0	0.0	6.2
22	16.0	25.5	20.4	62.3	0.0	0.0	0.0	9.0
23	13.7	23.4	19.3	65.7	0.0	0.0	0.0	3.0
24	14.9	25.2	20.8	60.0	0.0	0.0	0.0	9.9
25	16.9	24.6	19.6	72.3	0.0	0.0	0.0	6.0
26	14.3	25.8	20.3	68.7	0.0	0.0	0.0	8.2
27	16.8	26.4	21.2	67.0	0.0	0.0	0.0	7.1
28	16.2	26.5	21.2	71.0	0.0	0.0	0.0	4.0
29	17.9	24.8	20.4	80.3	0.0	0.0	0.0	1.9
30	17.1	27.0	21.1	67.7	0.0	0.0	0.0	7.3
31								
Total					17.9	171.5	189.4	152.5
Promedio	16.0	24.4	19.8	76.7				

Estación : LA TRINIDAD
Año : 2002

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	15.9	25.4	20.8	64.0	0.0	0.0	0.0	5.7
2	16.7	26.9	21.2	65.7	0.0	0.0	0.0	5.5
3	15.6	26.4	21.8	61.3	0.0	0.0	0.0	7.6
4	18.0	28.0	22.3	67.0	0.0	19.5	19.5	7.5
5	16.2	26.8	19.4	82.3	29.6	51.5	81.1	5.7
6	15.5	23.8	18.3	81.3	0.0	0.0	0.0	.1
7	15.0	23.9	20.0	82.0	0.0	0.0	0.0	2.6
8	17.7	25.8	20.6	76.7	0.0	0.0	0.0	4.6
9	15.4	25.4	21.0	71.3	0.0	0.0	0.0	9.0
10	16.8	25.6	21.6	71.7	0.0	0.0	0.0	4.0
11	16.7	23.8	19.7	77.0	0.0	0.0	0.0	1.0
12	15.9	26.0	20.7	71.0	0.0	0.0	0.0	10.4
13	15.8	26.0	20.9	60.3	0.0	0.0	0.0	9.7
14	14.7	27.1	20.9	60.0	0.0	0.0	0.0	7.2
15	15.7	25.4	20.2	72.7	0.0	0.0	0.0	3.1
16	16.9	25.0	20.6	78.7	0.0	0.0	0.0	2.7
17	16.6	24.4	20.9	77.0	0.0	9.9	9.9	2.9
18	16.5	23.0	18.9	84.7	0.0	0.0	0.0	2.3
19	16.8	24.2	20.2	76.3	0.0	0.0	0.0	6.3
20	16.6	25.4	20.9	74.3	0.0	.1	.1	4.7
21	17.0	25.3	20.6	74.7	0.0	0.0	0.0	2.6
22	15.8	27.4	20.5	73.0	0.0	0.0	0.0	7.0
23	17.2	26.5	20.8	71.3	0.0	0.0	0.0	7.2
24	17.6	26.2	20.4	76.7	0.0	2.3	2.3	3.7
25	16.7	24.8	19.5	76.3	0.0	0.0	0.0	1.1
26	14.6	27.0	20.8	57.0	0.0	0.0	0.0	9.4
27	14.8	26.3	20.5	58.0	0.0	0.0	0.0	9.5
28	15.4	26.9	21.0	57.0	0.0	0.0	0.0	7.4
29	16.0	25.3	20.1	63.0	0.0	0.0	0.0	8.2
30	15.5	26.4	21.6	49.0	0.0	0.0	0.0	7.9
31	16.5	23.8	18.3	84.0	0.0	.1	.1	.9
Total :					29.6	83.4	113.0	167.5
Promedio :	16.2	25.6	20.5	70.8				

Agosto	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	25.6	20.1	64.0	0.0	0.0	0.0	9.1
2	15.8	27.6	21.0	54.7	0.0	0.0	0.0	10.6
3	14.8	24.8	19.7	65.0	0.0	0.0	0.0	.6
4	14.6	26.7	20.3	63.0	0.0	0.0	0.0	9.6
5	16.7	27.0	21.8	58.7	0.0	0.0	0.0	10.4
6	15.2	27.8	21.7	57.7	0.0	0.0	0.0	9.8
7	16.0	27.7	21.3	53.3	0.0	0.0	0.0	8.2
8	15.4	27.2	21.2	58.7	0.0	2.0	2.0	6.2
9	16.8	25.6	19.3	74.3	0.0	0.0	0.0	4.4
10	13.8	27.0	21.7	43.7	0.0	0.0	0.0	10.5
11	15.6	26.0	19.9	54.0	0.0	0.0	0.0	7.4
12	14.6	27.1	22.1	50.7	0.0	0.0	0.0	9.5
13	16.2	28.4	22.1	53.3	0.0	0.0	0.0	9.7
14	15.2	27.8	21.5	56.7	0.0	0.0	0.0	8.4
15	16.4	28.8	22.8	52.3	0.0	0.0	0.0	10.0
16	17.0	27.8	21.8	53.7	0.0	0.0	0.0	10.5
17	15.6	27.3	21.7	50.7	0.0	0.0	0.0	7.0
18	16.8	28.4	21.5	49.7	0.0	0.0	0.0	7.9
19	15.2	27.6	22.3	55.7	0.0	0.0	0.0	4.7
20	16.8	27.4	22.0	66.0	0.0	0.0	0.0	4.4
21	17.0	28.4	22.9	54.0	0.0	0.0	0.0	9.2
22	16.8	28.8	21.9	54.3	0.0	0.0	0.0	5.7
23	17.4	27.8	21.2	62.3	0.0	0.0	0.0	4.7
24	15.4	29.7	21.9	59.3	0.0	7.6	7.6	10.0
25	17.2	28.4	21.6	66.7	.4	0.0	.4	8.0
26	18.0	25.8	20.7	73.3	.2	15.9	16.1	1.9
27	16.2	25.6	20.0	80.0	0.0	.7	.7	2.0
28	18.0	26.2	21.1	78.3	0.0	9.3	9.3	2.8
29	16.8	23.9	19.7	80.7	13.7	0.0	13.7	1.1
30	16.2	24.8	20.4	73.3	0.0	2.7	2.7	4.1
31	17.4	25.0	20.8	82.7	0.0	.1	.1	3.5
Total :					14.3	38.3	52.6	211.9
Promedio :	16.2	27.0	21.2	61.3				

Estación : LA TRINIDAD
Año : 2002

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	25.0	19.8	86.0	.4	.3	.7	1.5
2	17.4	25.4	20.6	77.0	0.0	3.8	3.8	3.3
3	17.7	26.3	20.3	76.0	0.0	17.1	17.1	5.2
4	16.7	27.5	21.5	65.7	0.0	0.0	0.0	9.9
5	16.0	25.6	20.5	71.7	0.0	0.0	0.0	4.7
6	15.6	26.6	21.0	66.0	0.0	0.0	0.0	5.4
7	17.3	27.7	22.1	56.0	0.0	0.0	0.0	8.6
8	15.1	28.6	21.2	57.0	0.0	0.0	0.0	9.7
9	16.4	28.1	23.1	50.0	0.0	0.0	0.0	8.4
10	15.4	25.8	21.0	61.0	0.0	0.0	0.0	3.5
11	17.2	24.6	20.7	72.0	0.0	0.0	0.0	3.8
12	16.2	28.4	21.6	60.7	0.0	0.0	0.0	8.1
13	15.7	28.1	20.9	64.7	0.0	0.0	0.0	6.3
14	16.3	28.4	22.0	71.3	0.0	10.5	10.5	8.3
15	16.5	27.3	21.7	67.3	0.0	0.0	0.0	9.2
16	17.6	26.5	20.8	66.3	0.0	0.0	0.0	5.9
17	16.2	23.6	19.3	73.7	0.0	0.0	0.0	.1
18	16.0	26.4	20.6	73.0	0.0	2.6	2.6	4.5
19	17.2	23.2	18.6	88.7	1.0	0.0	1.0	1.6
20	18.0	27.6	21.5	69.7	0.0	1.2	1.2	8.0
21	17.8	27.2	21.7	71.3	0.0	0.0	0.0	7.0
22	15.4	28.2	21.0	59.0	0.0	0.0	0.0	9.3
23	17.6	28.0	21.5	67.3	0.0	0.0	0.0	6.3
24	18.0	26.0	20.8	71.3	0.0	0.0	0.0	1.9
25	17.0	25.4	20.6	70.3	0.0	34.3	34.3	1.7
26	16.2	23.1	18.6	85.7	3.6	44.3	47.9	1.3
27	16.5	23.6	20.1	84.0	1.8	22.6	24.4	3.5
28	16.0	22.5	18.2	86.0	.1	0.0	.1	1.1
29	15.7	24.6	20.4	79.7	0.0	0.0	0.0	3.4
30	16.4	26.2	21.0	70.7	0.0	0.0	0.0	9.8
31								
Total :					6.9	136.7	143.6	161.3
Promedio :	16.6	26.2	20.8	70.6				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.4	26.8	21.1	70.0	0.0	2.0	2.0	9.9
2	16.0	26.8	21.0	70.0	0.0	0.0	0.0	10.2
3	17.1	27.0	21.2	63.3	0.0	0.0	0.0	8.1
4	14.8	28.2	21.9	57.3	0.0	0.0	0.0	9.5
5	16.2	27.0	22.0	63.0	0.0	.3	.3	8.8
6	15.6	28.3	21.4	73.7	0.0	.5	.5	10.6
7	18.0	27.0	20.7	74.7	0.0	0.0	0.0	6.1
8	17.9	26.4	20.0	82.0	.5	38.3	38.8	3.8
9	16.9	25.1	20.5	81.0	.8	0.0	.8	4.8
10	16.6	26.9	21.0	66.0	0.0	0.0	0.0	5.8
11	18.0	26.8	20.2	76.3	.2	0.0	.2	3.1
12	16.8	26.6	21.2	60.0	0.0	0.0	0.0	3.7
13	16.2	26.0	19.8	68.3	0.0	0.0	0.0	6.5
14	15.2	27.9	21.2	70.7	0.0	0.0	0.0	9.9
15	18.0	26.6	20.8	72.0	.3	2.1	2.4	7.3
16	17.0	26.5	20.6	73.3	0.0	50.5	50.5	6.3
17	15.6	23.0	19.7	83.3	4.7	29.4	34.1	0.0
18	15.8	25.4	20.8	75.3	0.0	4.7	4.7	6.0
19	16.5	25.6	20.3	76.3	0.0	0.0	0.0	8.5
20	16.0	26.5	20.3	73.3	3.7	5.7	9.4	6.0
21	15.4	25.7	19.2	79.3	0.0	0.0	0.0	2.0
22	17.2	21.9	18.8	87.3	9.5	0.0	9.5	1.5
23	16.8	26.2	20.4	85.3	0.0	19.3	19.3	2.5
24	16.5	25.4	20.3	85.0	.7	11.4	12.1	3.6
25	17.0	24.8	20.1	80.3	.7	0.0	.7	6.5
26	17.2	25.2	20.9	82.0	1.1	4.7	5.8	.8
27	16.2	23.4	18.9	84.0	.3	17.1	17.4	2.3
28	15.8	25.1	19.6	79.3	2.6	0.0	2.6	5.8
29	16.7	24.4	20.1	81.0	3.0	27.0	30.0	0.0
30	17.0	23.5	19.2	85.3	12.2	0.0	12.2	0.0
31	17.2	24.4	19.7	82.0	0.0	0.0	0.0	0.0
Total :					40.3	213.0	253.3	159.9
Promedio :	16.6	25.8	20.4	75.5				

Estación : LA TRINIDAD
Año : 2002

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	26.0	20.8	77.7	.1	41.3	41.4	1.0
2	16.8	23.3	19.3	88.0	0.0	0.0	0.0	2.4
3	17.5	24.6	20.0	83.7	2.8	0.0	2.8	2.0
4	17.0	25.6	20.5	81.0	0.0	3.2	3.2	3.6
5	16.9	24.0	19.6	79.7	0.0	0.0	0.0	4.5
6	16.0	26.0	20.0	77.3	.6	.8	1.4	1.0
7	17.0	24.0	20.0	80.3	0.0	1.7	1.7	1.5
8	16.7	22.4	18.4	89.7	0.0	3.7	3.7	2.3
9	15.6	24.9	20.0	79.7	0.0	0.0	0.0	4.0
10	15.4	25.8	20.6	74.3	0.0	0.0	0.0	5.1
11	15.8	24.8	20.4	73.7	0.0	0.0	0.0	5.5
12	16.2	25.9	20.4	78.3	0.0	0.0	0.0	1.2
13	16.0	24.4	18.9	86.7	0.0	23.5	23.5	3.2
14	16.4	24.6	19.3	82.0	0.0	0.0	0.0	5.0
15	17.5	26.3	21.0	75.3	0.0	0.0	0.0	7.6
16	17.4	26.4	20.8	77.0	0.0	0.0	0.0	4.5
17	15.6	25.9	20.7	68.7	0.0	0.0	0.0	5.1
18	17.0	24.5	19.1	85.3	.1	1.0	1.1	2.5
19	16.8	25.8	20.1	82.3	0.0	0.0	0.0	6.6
20	16.0	24.6	20.0	78.7	0.0	4.0	4.0	2.0
21	17.2	26.4	20.2	80.7	0.0	0.0	0.0	3.1
22	16.3	27.5	20.9	68.3	0.0	0.0	0.0	9.6
23	16.8	26.0	20.0	72.0	0.0	0.0	0.0	4.7
24	15.2	25.8	20.5	79.3	0.0	0.0	0.0	4.1
25	16.9	26.8	21.2	74.3	0.0	0.0	0.0	8.0
26	17.0	26.9	21.3	72.3	0.0	0.0	0.0	6.6
27	17.5	27.5	21.3	79.3	0.0	0.0	0.0	3.4
28	17.0	27.8	21.4	70.7	0.0	0.0	0.0	8.4
29	16.0	26.2	20.4	73.0	0.0	0.0	0.0	4.3
30	16.1	28.0	22.0	73.3	0.0	1.1	1.1	8.1
31								
Total					3.6	80.3	83.9	130.9
Promedio :	16.5	25.6	20.3	78.1				

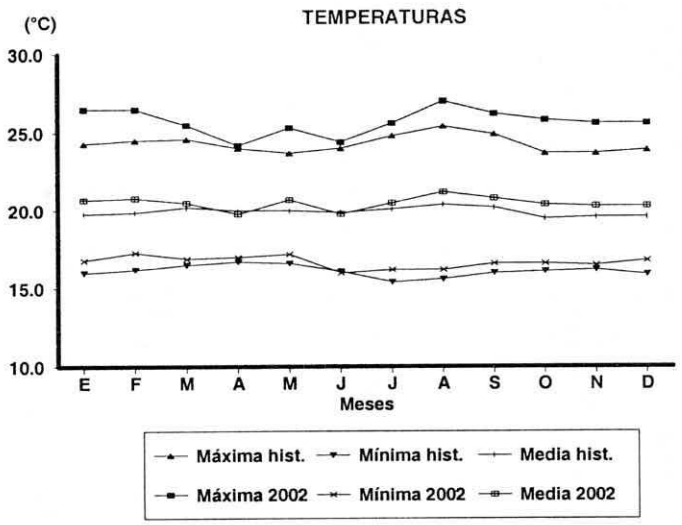
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	26.5	20.3	82.0	0.0	0.0	0.0	3.6
2	17.2	27.4	22.6	71.3	0.0	0.0	0.0	9.7
3	18.0	27.5	21.6	68.0	0.0	0.0	0.0	6.2
4	16.0	27.3	21.9	68.0	0.0	0.0	0.0	8.1
5	17.0	28.3	21.8	73.7	0.0	26.3	26.3	7.8
6	16.0	26.6	21.0	81.3	5.3	5.6	10.9	5.0
7	18.2	27.4	21.2	78.7	0.0	.2	.2	4.1
8	17.3	25.0	21.0	80.3	2.9	4.8	7.7	2.1
9	17.5	26.0	20.3	81.3	0.0	0.0	0.0	2.1
10	17.2	27.2	20.9	79.7	0.0	20.6	20.6	3.2
11	17.6	23.8	19.3	85.7	2.0	0.0	2.0	1.6
12	15.6	25.5	19.8	77.7	0.0	0.0	0.0	7.1
13	16.3	26.4	20.6	82.7	0.0	0.0	0.0	4.8
14	17.5	24.3	19.4	91.3	23.1	0.0	23.1	.7
15	16.8	21.3	18.8	88.3	7.2	.7	7.9	0.0
16	16.0	23.6	19.1	89.0	1.2	57.5	58.7	.3
17	16.1	21.2	17.8	90.0	6.6	0.0	6.6	0.0
18	16.5	21.7	18.0	89.0	0.0	0.0	0.0	0.0
19	17.0	26.8	21.0	80.0	0.0	0.0	0.0	8.0
20	18.0	26.0	20.8	82.3	1.2	15.2	16.4	1.4
21	17.0	24.3	19.3	85.7	3.3	0.0	3.3	2.7
22	15.6	25.9	20.0	78.7	0.0	0.0	0.0	8.3
23	15.7	26.8	20.5	77.7	0.0	2.1	2.1	7.8
24	17.0	26.0	21.0	79.3	0.0	0.0	0.0	7.0
25	16.4	25.2	20.6	77.0	0.0	0.0	0.0	5.2
26	16.5	27.3	20.4	78.7	0.0	0.0	0.0	6.5
27	16.3	27.0	20.2	78.7	0.0	0.0	0.0	3.7
28	16.0	26.9	20.6	75.3	0.0	0.0	0.0	4.6
29	16.8	23.5	19.3	83.7	0.0	0.0	0.0	.9
30	17.2	25.0	21.2	77.3	0.0	0.0	0.0	5.7
31	18.0	24.6	20.0	75.7	0.0	0.0		3.3
Total					52.8	133.0	185.8	131.5
Promedio :	16.8	25.6	20.3	80.3				

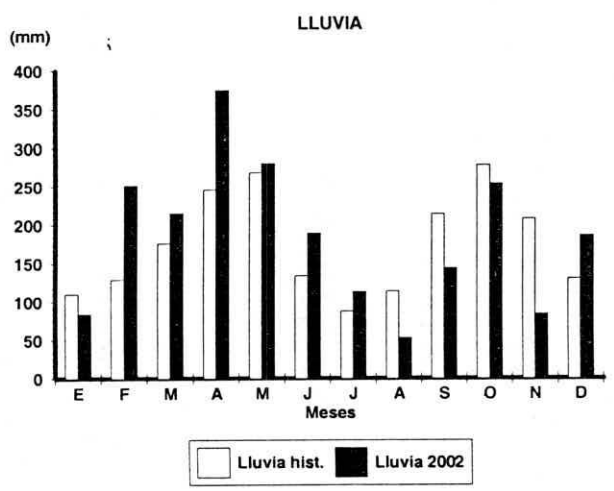
Estación : LA TRINIDAD
Año : 2002

Dpto. : TOLIMA
Mpio. : LIBANO

Latitud : 4 ° 54 ' N
Longitud : 75 ° 3 ' W
Altitud : 1430 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.8	26.5	20.7	28.8	15.2	76.4	84.2	14	170.4
Febrero	17.3	26.5	20.8	29.0	16.0	78.2	251.4	16	124.8
Marzo	16.9	25.5	20.5	28.3	15.0	80.6	215.2	18	133.0
Abril	17.0	24.2	19.8	26.8	15.2	83.4	374.5	26	84.5
Mayo	17.2	25.3	20.7	28.2	15.5	77.9	280.0	14	125.0
Junio	16.0	24.4	19.8	27.0	13.7	76.7	189.4	12	152.5
Julio	16.2	25.6	20.5	28.0	14.6	70.8	113.0	6	167.5
Agosto	16.2	27.0	21.2	29.7	13.8	61.3	52.6	9	211.9
Septiembre	16.6	26.2	20.8	28.6	15.1	70.6	143.6	11	161.3
Octubre	16.6	25.8	20.4	28.3	14.8	75.5	253.3	20	159.9
Noviembre	16.5	25.6	20.3	28.0	15.2	78.1	83.9	10	130.9
Diciembre	16.8	25.6	20.3	28.3	15.6	80.3	185.8	13	131.5
Promedio :	16.7	25.7	20.5			75.8			
Absoluta :				29.7	13.7				
Total :							2226.9	169	1753.2





Estación : CHAPETON Dpto. : TOLIMA Latitud : 4 ° 28 ' N
Año : 2002 Mpio. : IBAGUE Longitud : 75 ° 16 ' W
Altitud : 1300 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	25.6	21.0	81.7	0.0	0.0	0.0	0.0
2	17.0	25.6	20.8	77.0	0.0	0.0	0.0	7.0
3	16.2	25.4	20.8	78.0	0.0	0.0	0.0	7.0
4	15.6	25.0	20.2	81.3	0.0	0.0	0.0	7.3
5	15.4	25.9	20.1	79.0	0.0	0.0	0.0	7.6
6	15.0	25.6	21.2	78.3	0.0	0.0	0.0	6.1
7	16.0	26.4	20.8	81.7	0.0	0.0	0.0	6.0
8	15.8	25.0	20.4	83.3	0.0	0.0	0.0	6.1
9	14.6	24.8	20.4	78.3	0.0	0.0	0.0	5.1
10	15.6	25.0	20.1	74.3	0.0	0.0	0.0	7.0
11	15.2	25.0	20.4	80.7	0.0	0.0	0.0	5.1
12	15.8	25.2	20.7	78.7	0.0	0.0	0.0	6.2
13	17.5	23.5	20.6	83.7	0.0	0.0	0.0	.3
14	15.6	26.4	20.0	77.3	0.0	0.0	0.0	6.9
15	15.4	26.5	20.6	74.3	0.0	0.0	0.0	7.0
16	17.0	25.6	21.0	80.0	0.0	0.0	0.0	6.9
17	17.9	26.8	21.6	75.3	0.0	0.0	0.0	7.7
18	16.0	25.4	20.7	74.7	0.0	0.0	0.0	6.8
19	16.4	25.4	20.9	75.7	0.0	0.0	0.0	4.7
20	15.0	25.6	20.5	74.7	0.0	0.0	0.0	2.9
21	14.8	26.2	20.8	72.0	0.0	0.0	0.0	5.2
22	17.5	26.9	21.3	68.3	0.0	0.0	0.0	6.0
23	15.9	27.4	20.9	68.7	0.0	0.0	0.0	6.0
24	16.9	27.0	21.0	76.0	0.0	0.0	0.0	3.6
25	16.0	27.5	22.0	72.3	0.0	0.0	0.0	6.4
26	17.8	26.0	21.2	76.3	0.0	0.0	0.0	3.6
27	17.0	27.6	22.0	67.0	0.0	0.0	0.0	6.1
28	17.5	27.0	21.5	65.3	0.0	0.0	0.0	6.4
29	16.6	27.8	21.5	67.0	0.0	0.0	0.0	6.6
30	17.7	26.5	21.2	74.7	0.0	0.0	0.0	4.2
31	18.4	26.8	21.2	78.7	0.0	.1	.1	3.4
Total :					0.0	.1	.1	171.2
Promedio :	16.3	26.0	20.9	75.9				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	27.4	21.4	79.7	3.0	0.0	3.0	6.6
2	16.5	28.6	21.7	71.7	0.0	0.0	0.0	5.8
3	17.6	25.5	20.2	81.7	0.0	0.0	0.0	2.9
4	16.0	23.8	20.2	85.0	0.0	0.0	0.0	1.6
5	16.1	26.2	20.2	81.7	0.0	0.0	0.0	4.0
6	16.0	25.7	21.1	74.3	0.0	0.0	0.0	5.6
7	15.0	25.2	20.0	81.0	0.0	0.0	0.0	4.9
8	16.6	23.0	20.0	86.0	0.0	0.0	0.0	1.1
9	17.0	24.2	19.4	83.7	0.0	0.0	0.0	2.5
10	15.0	26.5	20.8	72.0	0.0	0.0	0.0	7.1
11	17.6	25.3	20.2	82.7	0.0	0.0	0.0	3.3
12	17.7	26.0	21.9	74.3	0.0	0.0	0.0	6.0
13	17.5	26.3	20.6	77.3	0.0	0.0	0.0	5.8
14	16.0	26.8	21.3	71.3	0.0	0.0	0.0	8.2
15	16.4	26.4	21.9	70.0	0.0	0.0	0.0	6.6
16	16.2	26.2	21.4	74.7	0.0	0.0	0.0	3.2
17	17.8	26.4	21.4	80.0	0.0	0.0	0.0	6.6
18	18.2	26.6	21.0	81.7	0.0	0.0	0.0	3.4
19	17.6	26.0	21.6	81.0	0.0	0.0	0.0	1.6
20	15.8	27.4	21.6	72.0	0.0	0.0	0.0	8.8
21	17.8	27.6	23.0	72.0	0.0	0.0	0.0	8.2
22	18.0	26.2	22.2	70.3	0.0	0.0	0.0	2.1
23	18.6	25.0	21.1	83.3	0.0	0.0	0.0	.7
24	17.2	27.2	21.5	73.3	0.0	0.0	0.0	9.3
25	17.6	28.5	22.2	71.0	0.0	0.0	0.0	7.1
26	16.5	26.2	20.9	80.0	0.0	0.0	0.0	2.1
27	17.2	25.0	21.2	83.0	.8	0.0	.8	1.7
28	17.4	25.2	21.0	77.3	0.0	0.0	0.0	1.5
29								
30								
31								
Total :					3.8	0.0	3.8	128.3
Promedio :	17.0	26.1	21.1	77.6				

Estación : CHAPETON
Año : 2002

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	27.4	22.0	70.0	0.0	.1	.1	5.6
2	16.6	27.2	22.2	67.7	0.0	0.0	0.0	0.0
3	15.6	27.8	22.1	72.7	0.0	0.0	0.0	6.5
4	18.2	26.8	22.4	76.7	0.0	0.0	0.0	9.3
5	17.4	25.0	20.0	84.0	1.4	0.0	1.4	1.3
6	15.4	27.0	21.0	70.7	14.5	.2	14.7	3.5
7	17.4	25.0	21.3	68.7	0.0	0.0	0.0	0.0
8	16.4	27.0	21.9	68.0	0.0	0.0	0.0	4.9
9	17.2	28.0	23.4	58.3	0.0	0.0	0.0	7.2
10	16.0	28.4	22.0	60.0	0.0	0.0	0.0	0.0
11	15.8	27.0	21.8	71.3	22.2	0.0	22.2	4.6
12	18.3	21.8	19.5	92.0	4.5	0.0	4.5	.1
13	17.2	26.8	21.6	71.0	0.0	24.0	24.0	4.9
14	17.0	25.0	20.4	79.0	0.0	0.0	0.0	3.9
15	16.5	25.0	21.2	81.0	13.5	6.8	20.3	4.4
16	16.9	27.8	22.0	73.3	0.0	18.0	18.0	9.5
17	17.0	24.8	19.6	89.0	.6	0.0	.6	3.8
18	17.2	27.0	22.2	72.3	0.0	11.8	11.8	4.7
19	17.4	24.7	20.6	80.0	0.0	11.0	11.0	1.2
20	17.6	24.8	20.2	84.3	0.0	0.0	0.0	1.7
21	17.4	20.6	18.6	92.7	2.3	0.0	2.3	3.4
22	16.8	25.4	19.7	80.7	15.9	0.0	15.9	1.9
23	15.2	24.4	19.9	89.0	.1	0.0	.1	2.8
24	15.8	26.0	21.6	77.7	0.0	17.2	17.2	4.6
25	17.0	26.8	21.9	74.3	0.0	0.0	0.0	9.0
26	16.8	26.4	21.0	75.7	0.0	0.0	0.0	5.2
27	16.2	26.5	21.8	81.0	0.0	0.0	0.0	3.8
28	17.5	24.2	20.7	79.3	0.0	0.0	0.0	1.0
29	16.7	23.0	19.2	78.3	3.9	0.0	3.9	.7
30	14.6	26.2	20.5	77.7	.1	2.5	2.6	8.7
31	17.2	27.5	22.1	77.0	0.0	0.0	0.0	6.5
Total					79.0	91.6	170.6	124.7
Promedio :	16.8	25.8	21.1	76.6				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	26.2	21.5	73.7	.5	8.0	8.5	3.2
2	17.5	23.4	19.7	88.3	0.0	5.9	5.9	3.5
3	16.7	26.2	20.9	80.0	0.0	4.2	4.2	3.8
4	18.8	26.6	21.6	73.3	.3	0.0	.3	2.5
5	16.6	28.0	22.0	71.7	0.0	.2	.2	6.3
6	18.2	25.6	21.2	82.3	.2	0.0	.2	3.0
7	17.2	20.4	19.0	91.0	12.2	.3	12.5	.3
8	15.2	22.5	17.6	93.3	31.3	7.1	38.4	1.7
9	16.2	21.2	19.2	85.0	.4	.3	.7	.1
10	16.0	23.6	19.6	83.3	2.6	.1	2.7	3.4
11	15.5	24.5	20.2	77.7	.4	0.0	.4	3.6
12	15.4	24.0	19.8	82.0	.8	0.0	.8	4.2
13	16.0	23.4	19.6	82.7	0.0	.2	.2	.5
14	16.8	23.9	20.3	81.7	0.0	0.0	0.0	3.2
15	16.2	25.6	21.5	78.3	0.0	32.0	32.0	5.2
16	16.4	25.4	20.4	82.7	0.0	0.0	0.0	4.1
17	16.8	24.5	20.8	75.0	0.0	36.5	36.5	2.0
18	17.0	24.4	20.3	83.7	.7	0.0	.7	8.1
19	16.2	25.9	20.8	81.0	0.0	25.6	25.6	6.5
20	17.3	25.5	20.6	81.3	15.0	1.0	16.0	5.9
21	18.0	24.5	20.5	85.7	1.8	0.0	1.8	5.1
22	17.2	24.0	20.7	81.7	0.0	0.0	0.0	1.5
23	17.0	26.9	22.1	73.0	0.0	.2	.2	7.4
24	17.2	23.6	20.5	85.0	0.0	8.8	8.8	0.0
25	17.0	20.9	18.7	92.0	0.0	0.0	0.0	4.0
26	17.6	23.6	20.0	85.0	5.8	0.0	5.8	3.2
27	17.0	24.2	20.5	83.3	0.0	3.3	3.3	3.8
28	16.0	24.0	19.9	81.0	0.0	0.0	0.0	.8
29	15.8	24.1	18.8	91.0	.1	5.0	5.1	6.5
30	16.7	22.6	19.5	93.7	8.4	0.0	8.4	.7
31								
Total					80.5	138.7	219.2	104.1
Promedio :	16.8	24.3	20.3	82.6				

Estación : CHAPETON
Año : 2002

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	23.4	20.0	85.7	0.0	0.0	0.0	0.0
2	15.8	26.4	21.0	76.0	0.0	0.0	0.0	4.0
3	15.4	26.5	21.4	67.7	0.0	0.0	0.0	5.2
4	16.4	26.8	21.1	74.7	0.0	0.0	0.0	8.3
5	16.5	27.2	22.5	63.7	0.0	0.0	0.0	9.2
6	18.2	27.5	22.3	64.3	0.0	0.0	0.0	8.5
7	16.9	27.0	21.3	68.3	0.0	.2	.2	9.5
8	18.2	27.2	22.0	74.7	0.0	0.0	0.0	1.1
9	15.4	27.5	21.0	73.3	0.0	0.0	0.0	1.1
10	16.4	27.7	23.0	65.7	0.0	0.0	0.0	8.2
11	18.0	27.0	21.4	65.7	0.0	0.0	0.0	1.7
12	17.0	27.8	21.8	67.3	0.0	1.0	1.0	7.4
13	18.2	27.0	21.4	73.7	0.0	0.0	0.0	4.2
14	17.6	27.2	21.6	73.3	0.0	0.0	0.0	5.6
15	17.4	28.1	22.2	74.0	0.0	.1	.1	5.3
16	17.0	25.8	22.2	81.7	0.0	15.4	15.4	6.7
17	17.5	27.0	21.6	76.7	0.0	0.0	0.0	2.8
18	17.8	25.5	21.6	81.7	1.0	16.0	17.0	2.7
19	17.9	27.3	22.3	74.7	25.0	0.0	25.0	5.5
20	18.5	27.1	21.8	80.3	0.0	5.0	5.0	8.1
21	18.1	26.3	19.8	89.7	.8	0.0	.8	2.0
22	17.0	23.5	19.9	88.0	2.2	1.2	3.4	1.0
23	17.5	25.0	20.6	85.7	.1	0.0	.1	.7
24	17.0	27.6	21.9	73.3	0.0	0.0	0.0	9.2
25	18.1	25.0	21.7	84.3	.4	3.2	3.6	3.1
26	17.0	23.3	20.0	86.7	13.3	1.0	14.3	2.0
27	17.6	23.4	19.8	88.0	.3	0.0	.3	3.6
28	16.5	21.2	18.2	93.0	6.0	4.6	10.6	.2
29	15.7	23.7	19.1	85.7	0.0	30.9	30.9	2.0
30	16.5	23.0	19.0	84.0	0.0	5.8	5.8	3.1
31	17.0	22.5	18.4	87.0	8.4	0.0	8.4	.9
Total :					57.5	84.4	141.9	132.9
Promedio :	17.1	25.9	21.0	77.7				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	25.1	20.2	79.0	0.0	4.4	4.4	8.0
2	17.6	24.3	20.1	85.0	1.4	.7	2.1	2.9
3	15.8	25.0	19.5	80.7	.3	0.0	.3	3.4
4	15.5	19.8	16.9	93.0	.2	0.0	.2	0.0
5	15.4	22.6	19.0	84.7	0.0	4.0	4.0	3.5
6	16.6	23.4	19.6	85.3	.2	44.1	44.3	2.8
7	16.4	24.0	19.0	88.0	0.0	0.0	0.0	5.3
8	16.2	26.0	20.8	79.3	0.0	24.3	24.3	9.4
9	16.5	23.3	19.8	82.0	.8	0.0	.8	2.0
10	16.0	26.9	20.6	75.0	0.0	0.0	0.0	1.0
11	17.0	23.9	20.0	85.0	0.0	0.0	0.0	3.3
12	14.5	25.2	19.9	79.0	0.0	11.8	11.8	6.5
13	16.6	22.9	19.3	82.0	1.6	0.0	1.6	1.7
14	15.3	25.5	21.0	72.3	0.0	0.0	0.0	7.6
15	15.5	22.8	18.6	88.3	5.5	0.0	5.5	1.5
16	14.4	26.0	20.4	71.7	0.0	0.0	0.0	9.8
17	17.4	25.5	21.6	75.0	0.0	.2	.2	6.1
18	15.6	26.0	21.0	90.3	0.0	0.0	0.0	4.8
19	15.8	25.5	20.4	68.3	0.0	0.0	0.0	9.6
20	17.3	27.4	21.2	65.7	0.0	0.0	0.0	.5
21	14.8	25.6	21.2	71.0	0.0	0.0	0.0	2.9
22	17.3	26.0	21.9	58.3	0.0	0.0	0.0	3.3
23	17.1	24.3	20.4	70.7	0.0	0.0	0.0	.3
24	17.2	26.7	21.6	65.0	0.0	0.0	0.0	5.3
25	18.0	24.5	20.4	72.7	0.0	0.0	0.0	.1
26	16.4	25.0	20.8	70.7	0.0	0.0	0.0	3.5
27	16.0	26.4	21.6	63.0	0.0	0.0	0.0	5.6
28	17.0	27.2	21.8	70.0	0.0	0.0	0.0	3.1
29	17.9	25.0	21.5	78.3	0.0	0.0	0.0	.9
30	16.6	27.4	21.0	70.0	0.0	0.0	0.0	4.1
31								
Total :					10.0	89.5	99.5	118.8
Promedio :	16.3	25.0	20.4	76.6				

Estación : CHAPETON
Año : 2002

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	27.4	21.4	61.3	0.0	0.0	0.0	3.4
2	17.4	27.6	20.9	70.0	0.0	0.0	0.0	5.5
3	16.6	27.4	21.8	70.7	0.0	0.0	0.0	8.0
4	17.0	28.5	22.4	71.3	0.0	18.0	18.0	8.7
5	16.0	26.6	19.3	86.3	60.0	40.0	100.0	7.7
6	15.2	22.0	19.2	86.7	1.0	0.0	1.0	.2
7	14.4	26.5	20.6	72.3	0.0	0.0	0.0	6.8
8	17.2	27.3	21.3	73.3	0.0	0.0	0.0	9.1
9	15.0	26.6	21.0	73.3	0.0	0.0	0.0	6.0
10	16.7	26.5	21.5	72.7	0.0	0.0	0.0	3.0
11	16.6	24.5	20.3	78.3	0.0	0.0	0.0	10.1
12	17.0	27.5	21.0	68.7	0.0	0.0	0.0	7.5
13	14.8	28.1	21.0	63.7	0.0	0.0	0.0	9.0
14	14.5	28.0	21.0	65.3	0.0	0.0	0.0	8.4
15	15.8	26.2	21.0	69.7	0.0	.2	.2	4.7
16	16.3	26.4	20.8	75.0	0.0	0.0	0.0	4.9
17	16.9	26.5	21.6	75.3	.3	41.0	41.3	4.1
18	17.0	24.3	20.8	66.0	0.0	1.1	1.1	1.1
19	15.5	26.2	20.2	74.7	0.0	0.0	0.0	6.9
20	16.0	25.5	20.5	80.0	0.0	0.0	0.0	3.8
21	17.8	24.2	20.6	83.7	3.7	.4	4.1	.4
22	16.3	26.0	21.5	76.0	0.0	.2	.2	8.1
23	17.0	27.0	21.3	73.7	0.0	0.0	0.0	8.5
24	16.4	25.6	21.2	75.7	0.0	11.1	11.1	3.8
25	17.2	24.1	20.0	80.3	0.0	0.0	0.0	.5
26	15.3	27.5	20.2	64.7	0.0	0.0	0.0	9.6
27	14.4	26.5	20.9	65.0	0.0	0.0	0.0	5.6
28	15.0	26.6	20.4	66.7	0.0	0.0	0.0	1.8
29	16.6	26.4	19.8	70.0	0.0	0.0	0.0	4.0
30	13.4	26.6	19.6	72.7	0.0	2.8	2.8	4.5
31	15.6	23.8	20.0	71.0	.7	.3	1.0	.6
Total :					65.7	115.1	180.8	166.3
Promedio :	16.0	26.3	20.7	72.7				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.7	26.8	19.2	71.0	0.0	0.0	0.0	6.4
2	15.0	28.6	20.5	62.7	0.0	0.0	0.0	9.0
3	14.8	25.5	20.4	62.3	0.0	0.0	0.0	2.4
4	16.0	27.3	21.6	60.0	0.0	.2	.2	6.3
5	16.3	28.3	20.3	68.3	0.0	0.0	0.0	9.7
6	14.5	28.6	21.5	63.3	0.0	0.0	0.0	9.3
7	15.9	27.5	21.6	63.3	0.0	10.6	10.6	5.2
8	15.0	27.4	21.2	64.3	.4	.4	.8	3.9
9	17.3	24.5	20.6	68.3	0.0	0.0	0.0	0.0
10	17.1	27.4	22.0	54.3	0.0	0.0	0.0	2.7
11	15.0	24.6	21.2	56.0	.1	0.0	.1	.2
12	16.0	27.4	20.8	64.3	0.0	0.0	0.0	3.2
13	17.5	27.5	21.8	66.0	0.0	0.0	0.0	5.4
14	14.8	26.7	20.8	66.3	0.0	0.0	0.0	0.0
15	16.5	28.0	23.0	60.7	0.0	0.0	0.0	2.8
16	17.8	28.0	21.2	60.0	0.0	0.0	0.0	6.1
17	17.5	27.9	20.5	55.0	0.0	0.0	0.0	5.2
18	17.1	28.4	21.9	55.7	0.0	0.0	0.0	7.2
19	14.9	27.5	20.6	64.7	0.0	0.0	0.0	3.3
20	15.5	28.4	22.2	63.3	0.0	0.0	0.0	5.3
21	15.8	29.3	22.6	60.0	0.0	0.0	0.0	6.1
22	17.0	28.7	22.5	55.0	0.0	0.0	0.0	4.3
23	18.3	28.0	21.6	62.0	0.0	0.0	0.0	3.1
24	16.1	29.5	22.4	60.3	0.0	0.0	0.0	6.4
25	18.2	29.6	23.6	61.7	0.0	0.0	0.0	7.8
26	17.8	27.7	20.9	80.7	0.0	26.1	26.1	2.2
27	17.3	26.5	20.4	78.7	0.0	.1	.1	2.7
28	17.6	26.8	20.8	74.0	0.0	0.0	0.0	.5
29	17.8	23.0	19.9	85.3	9.3	0.0	9.3	.1
30	15.2	24.0	19.9	87.0	0.0	0.0	0.0	5.7
31	17.0	25.4	20.9	82.7	0.0	0.0	0.0	5.4
Total :					9.8	37.4	47.2	137.9
Promedio :	16.4	27.3	21.2	65.7				

Estación : CHAPETON
Año : 2002

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.7	25.0	20.0	80.0	.4	19.8	20.2	9.8
2	17.4	26.1	21.1	71.0	0.0	0.0	0.0	9.5
3	17.9	27.5	21.3	67.3	0.0	1.1	1.1	9.1
4	17.0	27.7	21.3	67.3	0.0	0.0	0.0	9.4
5	15.0	27.0	20.8	67.0	0.0	0.0	0.0	5.9
6	15.1	28.6	22.1	65.3	0.0	0.0	0.0	8.4
7	16.0	28.2	21.2	66.0	0.0	0.0	0.0	4.4
8	14.8	29.4	21.7	54.3	0.0	0.0	0.0	9.6
9	14.6	28.5	21.9	58.3	0.0	0.0	0.0	8.9
10	15.2	28.0	22.0	63.0	0.0	.7	.7	5.5
11	17.8	26.8	21.6	68.0	0.0	0.0	0.0	3.4
12	16.4	28.9	22.8	53.7	0.0	0.0	0.0	7.7
13	15.0	28.6	21.8	65.7	0.0	0.0	0.0	7.9
14	15.9	28.9	21.4	71.7	5.7	1.1	6.8	7.0
15	18.2	28.0	22.2	67.3	0.0	0.0	0.0	1.7
16	17.7	27.5	21.0	63.3	0.0	0.0	0.0	4.3
17	15.0	25.2	19.8	75.0	.1	0.0	.1	.2
18	15.4	25.8	21.0	73.7	0.0	10.6	10.6	3.1
19	16.8	26.0	20.5	76.0	11.8	0.0	11.8	5.2
20	16.2	25.6	21.2	75.7	0.0	0.0	0.0	6.4
21	17.2	28.0	22.2	64.7	.6	0.0	.6	7.4
22	14.2	28.6	21.4	60.0	0.0	0.0	0.0	7.0
23	17.0	27.8	22.0	57.7	0.0	0.0	0.0	6.9
24	16.4	27.0	22.0	72.3	0.0	39.6	39.6	5.0
25	17.0	26.4	20.2	86.0	.6	18.3	18.9	5.5
26	16.9	23.5	19.6	82.7	0.0	0.0	0.0	1.0
27	16.6	26.2	21.2	77.3	5.0	0.0	5.0	1.7
28	17.0	23.1	19.1	81.0	5.0	1.0	6.0	.4
29	15.6	26.4	20.6	70.0	0.0	0.0	0.0	5.1
30	15.9	26.6	21.2	69.3	0.0	0.0	0.0	7.8
31								
Total :					29.2	92.2	121.4	175.2
Promedio :	16.3	27.0	21.2	69.0				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	27.6	21.2	71.0	0.0	.7	.7	9.5
2	17.2	28.0	21.6	63.3	0.0	0.0	0.0	9.5
3	15.0	28.4	20.8	61.0	0.0	0.0	0.0	7.0
4	15.5	29.0	22.3	59.3	0.0	0.0	0.0	9.3
5	16.0	28.6	22.1	65.7	0.0	6.6	6.6	8.3
6	16.4	27.5	21.8	64.0	0.0	0.0	0.0	8.5
7	16.7	28.4	21.2	65.0	0.0	0.0	0.0	6.1
8	17.9	25.0	19.8	85.7	5.3	0.0	5.3	3.7
9	16.8	25.2	20.2	84.0	1.4	0.0	1.4	3.1
10	16.9	27.4	21.6	67.7	0.0	0.0	0.0	3.1
11	17.8	27.5	21.6	66.0	0.0	0.0	0.0	9.2
12	16.6	25.8	21.4	60.0	0.0	0.0	0.0	.8
13	16.4	28.2	22.6	58.3	0.0	0.0	0.0	4.1
14	14.9	28.4	22.2	70.0	0.0	0.0	0.0	8.5
15	18.5	25.4	21.5	75.0	.6	5.4	6.0	2.9
16	17.4	26.3	20.8	75.7	.6	.5	1.1	3.3
17	16.7	24.6	19.0	82.3	5.4	0.0	5.4	.4
18	15.4	24.4	20.5	78.7	0.0	0.0	0.0	2.4
19	15.6	25.8	20.3	73.7	0.0	0.0	0.0	3.0
20	15.4	25.4	20.4	76.7	1.6	2.0	3.6	4.0
21	17.0	25.6	20.4	79.0	0.0	.4	.4	5.1
22	16.8	23.4	19.1	87.7	11.0	0.0	11.0	1.7
23	17.2	25.8	21.0	81.3	9.0	52.0	61.0	3.8
24	16.2	25.6	20.5	78.7	0.0	5.2	5.2	6.8
25	16.6	24.8	19.9	85.0	3.0	0.0	3.0	3.4
26	18.0	24.4	19.2	89.0	13.0	78.0	91.0	3.0
27	16.4	24.0	19.4	78.0	0.0	0.0	0.0	3.6
28	16.2	24.5	20.0	82.3	0.0	0.0	0.0	5.9
29	17.5	23.3	19.8	89.3	0.0	8.0	8.0	1.4
30	17.0	21.5	18.7	93.3	20.0	0.0	20.0	.4
31	16.8	23.1	20.2	83.0	.4	0.0	.4	1.0
Total :					71.3	158.8	230.1	142.8
Promedio :	16.6	25.9	20.7	75.2				

Estación : CHAPETON
Año : 2002

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4 ° 28 ' N
Longitud : 75 ° 16 ' W
Altitud : 1300 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	24.5	19.1	82.0	0.0	0.0	0.0	7.4
2	17.5	23.5	20.2	85.3	0.0	0.0	0.0	3.7
3	18.0	23.2	19.6	86.7	4.7	.4	5.1	.7
4	17.4	24.8	21.0	83.0	0.0	7.0	7.0	5.5
5	16.2	22.9	19.8	88.0	2.9	.6	3.5	.7
6	17.0	23.6	19.6	87.3	0.0	12.8	12.8	4.1
7	17.1	23.8	20.0	82.7	0.0	1.1	1.1	2.1
8	17.4	20.8	18.4	91.3	22.4	1.2	23.6	0.0
9	17.2	24.0	21.0	80.0	.4	18.8	19.2	1.9
10	15.4	25.8	21.4	75.3	0.0	0.0	0.0	7.4
11	16.5	24.8	18.6	88.3	8.3	0.0	8.3	3.1
12	15.4	25.4	21.0	78.3	0.0	6.6	6.6	3.8
13	17.4	24.0	20.1	84.0	0.0	13.4	13.4	2.1
14	17.5	24.2	19.2	85.0	0.0	5.4	5.4	2.3
15	16.0	27.0	20.7	77.3	0.0	0.0	0.0	4.3
16	16.8	25.6	21.0	77.0	0.0	0.0	0.0	4.1
17	15.6	26.8	21.0	73.3	0.0	.2	.2	4.1
18	17.5	24.5	21.2	90.0	5.3	0.0	5.3	4.2
19	16.6	26.2	21.0	81.7	1.8	0.0	1.8	4.0
20	16.5	28.3	20.8	76.0	0.0	0.0	0.0	8.4
21	17.5	26.1	20.6	75.0	0.0	0.0	0.0	1.8
22	15.4	28.0	21.5	65.3	1.8	0.0	1.8	7.1
23	16.6	28.2	21.7	63.3	0.0	.7	.7	7.8
24	15.0	26.0	21.2	75.0	0.0	0.0	0.0	8.2
25	18.0	27.9	21.6	76.0	0.0	15.2	15.2	8.5
26	18.2	27.5	22.0	80.0	0.0	0.0	0.0	4.8
27	18.5	27.4	21.9	83.0	0.0	0.0	0.0	1.5
28	18.2	27.8	21.3	75.3	0.0	0.0	0.0	6.5
29	17.2	27.7	21.6	72.0	0.0	0.0	0.0	2.2
30	17.8	27.6	22.2	78.3	0.0	0.0	0.0	9.1
31								
Total					47.6	83.4	131.0	131.4
Promedio :	16.9	25.6	20.7	79.9				

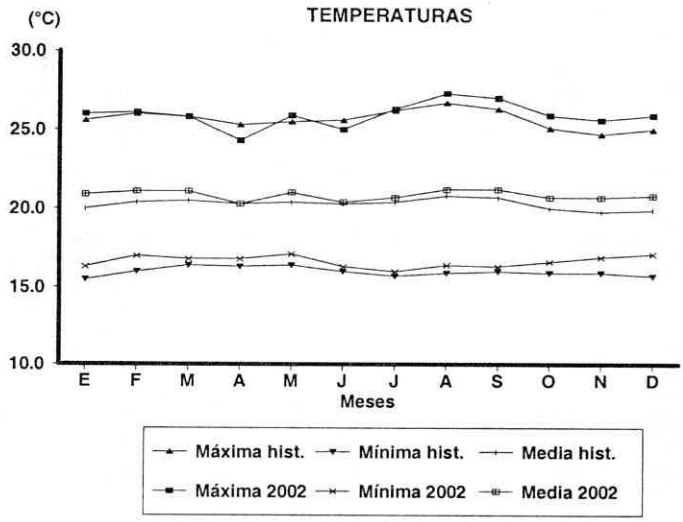
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	26.8	21.9	76.0	0.0	0.0	0.0	7.8
2	17.3	28.0	22.4	76.0	0.0	4.7	4.7	6.8
3	18.4	27.8	21.8	74.3	0.0	0.0	0.0	6.6
4	16.2	27.9	21.4	74.3	0.0	0.0	0.0	8.2
5	16.7	27.6	22.0	79.0	2.6	3.0	5.6	4.8
6	17.4	26.2	20.8	84.7	.7	0.0	.7	4.9
7	17.8	25.8	21.2	83.3	.6	0.0	.6	3.3
8	17.0	25.7	21.0	79.3	0.0	0.0	0.0	4.0
9	17.3	24.3	19.5	92.0	.6	0.0	.6	2.8
10	17.8	24.6	20.6	81.3	.2	.3	.5	1.5
11	16.8	26.2	21.0	79.7	.1	0.0	.1	3.1
12	15.6	27.8	20.8	81.0	0.0	0.0	0.0	8.3
13	15.9	26.2	20.7	81.0	0.0	0.0	0.0	7.0
14	17.4	26.9	21.8	78.3	0.0	.3	.3	3.2
15	18.6	21.8	19.8	93.7	15.0	5.5	20.5	0.0
16	17.4	23.0	19.3	94.3	22.5	5.3	27.8	.2
17	17.5	20.2	18.4	95.0	8.4	0.0	8.4	0.0
18	17.2	23.6	19.8	84.3	0.0	0.0	0.0	.7
19	17.5	26.2	20.8	82.0	0.0	.2	.2	4.9
20	17.6	24.5	19.3	89.3	43.5	4.1	47.6	1.4
21	17.7	24.2	20.8	84.3	0.0	0.0	0.0	1.9
22	16.0	27.4	20.6	82.7	0.0	0.0	0.0	7.9
23	15.6	27.5	20.9	83.3	0.0	0.0	0.0	8.0
24	17.0	27.1	21.5	76.0	0.0	0.0	0.0	6.5
25	16.4	26.8	20.8	79.0	0.0	0.0	0.0	6.6
26	17.2	26.2	21.2	82.3	0.0	0.0	0.0	5.4
27	17.4	27.2	20.7	83.3	10.2	0.0	10.2	2.0
28	15.4	26.0	19.7	84.7	3.0	0.0	3.0	5.5
29	16.4	24.6	20.7	82.7	0.0	0.0	0.0	4.1
30	17.8	26.0	21.2	78.3	0.0	0.0	0.0	4.4
31	16.9	27.5	21.0	73.3	0.0	0.0		8.3
Total					107.4	23.4	130.8	140.1
Promedio :	17.1	25.9	20.8	82.2				

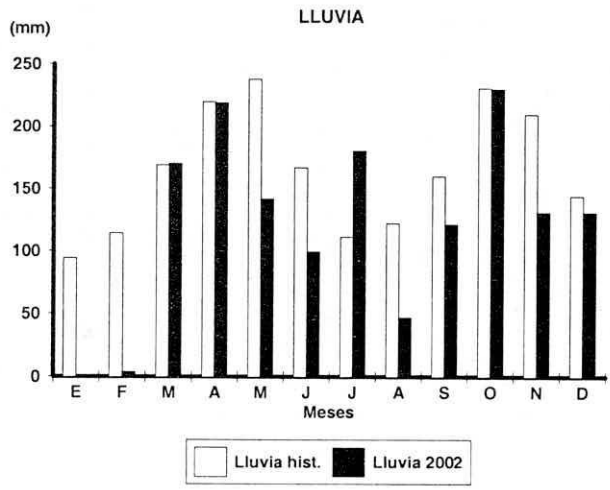
Estación : CHAPETON
Año : 2002

Dpto. : TOLIMA
Mpio. : IBAGUE

Latitud : 4° 28 ' N
Longitud : 75° 16 ' W
Altitud : 1300 m

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	16.3	26.0	20.9	27.8	14.6	75.9	.1	1	171.2
Febrero	17.0	26.1	21.1	28.6	15.0	77.6	3.8	2	128.3
Marzo	16.8	25.8	21.1	28.4	14.6	76.6	170.6	17	124.7
Abril	16.8	24.3	20.3	28.0	15.2	82.6	219.2	25	104.1
Mayo	17.1	25.9	21.0	28.1	15.4	77.7	141.9	17	132.9
Junio	16.3	25.0	20.4	27.4	14.4	76.6	99.5	12	118.8
Julio	16.0	26.3	20.7	28.5	13.4	72.7	180.8	11	166.3
Agosto	16.4	27.3	21.2	29.6	14.5	65.7	47.2	7	137.9
Septiembre	16.3	27.0	21.2	29.4	14.2	69.0	121.4	12	175.2
Octubre	16.6	25.9	20.7	29.0	14.9	75.2	230.1	17	142.8
Noviembre	16.9	25.6	20.7	28.3	15.0	79.9	131.0	17	131.4
Diciembre	17.1	25.9	20.8	28.0	15.4	82.2	130.8	15	140.1
Promedio :	16.6	25.9	20.8			76.0			
Absoluta :				29.6	13.4				
Total :							1476.4	153	1673.7





Estación : ALBAN
Año : 2002

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	25.1	19.9	77.7	.5	.8	1.3	6.5
2	17.0	24.7	20.2	80.7	3.1	0.0	3.1	4.2
3	16.6	23.2	18.6	81.0	1.1	0.0	1.1	1.9
4	15.2	25.3	19.7	78.7	0.0	0.0	0.0	7.0
5	16.0	25.2	20.0	77.7	0.0	0.0	0.0	6.3
6	15.3	25.1	20.0	82.3	0.0	0.0	0.0	5.6
7	15.7	25.6	18.8	85.0	2.9	9.0	11.9	2.5
8	15.3	23.0	18.2	79.3	0.0	.1	.1	4.0
9	15.4	24.7	18.7	85.3	0.0	0.0	0.0	4.6
10	14.0	25.5	19.4	78.0	0.0	0.0	0.0	7.3
11	15.5	25.0	19.0	80.3	0.0	0.0	0.0	5.9
12	14.4	23.8	18.4	80.3	0.0	0.0	0.0	3.9
13	13.9	22.4	17.5	87.7	11.5	0.0	11.5	.9
14	15.0	24.2	18.6	84.3	.5	0.0	.5	3.6
15	14.0	25.0	19.5	80.7	.8	0.0	.8	7.2
16	15.5	24.6	18.8	80.0	0.0	0.0	0.0	4.2
17	15.2	25.1	19.0	79.0	0.0	0.0	0.0	5.8
18	15.6	25.6	19.8	80.3	0.0	.4	.4	6.0
19	16.1	25.5	19.6	79.0	0.0	.6	.6	6.0
20	15.8	23.7	18.8	86.7	0.0	0.0	0.0	1.4
21	15.5	24.4	19.4	82.0	0.0	.8	.8	3.2
22	15.3	26.6	19.6	83.7	0.0	0.0	0.0	5.9
23	15.1	27.5	20.8	77.0	0.0	0.0	0.0	7.1
24	16.5	25.5	20.6	82.3	0.0	0.0	0.0	3.1
25	16.9	25.6	20.4	81.0	0.0	0.0	0.0	1.5
26	17.7	25.3	20.5	81.7	0.0	0.0	0.0	2.2
27	17.0	26.2	21.0	76.3	0.0	0.0	0.0	8.3
28	16.0	27.0	20.6	79.3	0.0	0.0	0.0	9.7
29	16.0	26.1	20.2	80.3	0.0	6.4	6.4	5.5
30	17.0	25.0	20.6	77.7	5.0	0.0	5.0	2.6
31	15.1	23.5	19.1	85.7	.5	0.0	.5	.7
Total :					25.9	18.1	44.0	144.6
Promedio :	15.7	25.0	19.5	81.0				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.5	25.7	20.5	79.3	0.0	0.0	0.0	5.5
2	16.6	27.5	20.9	77.7	0.0	.2	.2	4.8
3	17.9	22.3	19.6	87.3	5.0	5.5	10.5	0.0
4	16.9	22.6	19.1	83.3	.6	0.0	.6	0.0
5	13.7	24.8	19.1	77.0	0.0	0.0	0.0	5.6
6	14.7	25.0	19.4	77.0	0.0	0.0	0.0	5.9
7	12.6	23.6	18.4	76.0	0.0	0.0	0.0	5.3
8	13.4	23.7	18.2	76.3	0.0	0.0	0.0	4.9
9	14.6	23.8	18.9	77.7	0.0	0.0	0.0	3.3
10	15.4	25.9	20.0	76.7	0.0	4.2	4.2	7.7
11	17.2	25.4	20.1	80.0	0.0	1.4	1.4	5.7
12	17.0	25.7	20.2	81.0	0.0	0.0	0.0	5.4
13	17.3	25.5	20.5	77.3	0.0	.6	.6	3.4
14	16.5	25.2	20.2	79.3	0.0	0.0	0.0	4.9
15	15.9	25.6	19.7	82.7	0.0	0.0	0.0	4.5
16	16.7	26.0	20.4	78.0	0.0	0.0	0.0	5.8
17	16.2	26.5	20.4	78.7	0.0	0.0	0.0	6.8
18	16.7	25.7	20.0	82.0	0.0	5.5	5.5	5.9
19	17.4	25.5	20.7	78.0	0.0	.1	.1	3.3
20	16.7	25.7	20.7	77.0	0.0	0.0	0.0	7.5
21	17.5	24.9	20.5	78.3	0.0	3.1	3.1	2.7
22	16.6	24.7	20.6	78.7	0.0	0.0	0.0	1.8
23	17.0	26.2	20.5	81.0	0.0	0.0	0.0	4.2
24	16.9	27.6	21.3	76.3	0.0	0.0	0.0	9.4
25	17.4	26.5	21.0	76.7	0.0	.2	.2	6.7
26	17.1	24.7	20.2	78.3	.2	0.0	.2	3.7
27	16.2	24.0	19.2	82.3	.3	.3	.6	1.6
28	15.9	27.6	20.9	75.0	0.0	0.0	0.0	3.7
29								
30								
31								
Total :					6.1	21.1	27.2	130.0
Promedio :	16.2	25.3	20.0	78.9				

Estación : ALBAN
Año : 2002

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	28.1	21.4	75.3	0.0	0.0	0.0	6.9
2	16.2	26.7	19.9	79.7	0.0	0.0	0.0	6.3
3	15.6	25.6	20.2	77.0	0.0	0.0	0.0	7.6
4	17.1	24.7	19.9	82.0	0.0	0.0	0.0	5.6
5	16.4	24.6	19.2	81.7	.8	0.0	.8	2.6
6	15.6	25.4	19.6	79.0	0.0	0.0	0.0	6.8
7	15.7	26.3	20.8	77.3	0.0	1.0	1.0	4.2
8	16.9	26.4	20.6	79.3	0.0	0.0	0.0	6.7
9	16.6	26.2	20.0	81.0	0.0	.1	.1	6.1
10	16.9	26.9	20.3	77.7	0.0	0.0	0.0	6.8
11	15.7	25.5	20.3	76.0	.3	.1	.4	3.1
12	16.0	25.2	19.6	80.0	6.9	.4	7.3	1.6
13	16.5	27.7	20.8	83.3	6.5	.3	6.8	5.0
14	15.6	24.7	20.1	77.3	0.0	0.0	0.0	4.4
15	15.7	25.6	19.2	85.0	2.5	0.0	2.5	2.3
16	15.8	27.5	20.9	78.7	2.6	14.8	17.4	3.7
17	16.4	24.7	20.1	78.3	0.0	0.0	0.0	1.6
18	16.2	26.2	20.3	79.3	0.0	7.6	7.6	3.2
19	15.5	21.4	18.4	82.3	6.7	0.0	6.7	0.0
20	14.7	25.5	20.1	75.3	0.0	5.8	5.8	4.0
21	17.0	23.4	19.4	83.7	7.0	.4	7.4	1.6
22	15.9	26.0	20.2	80.3	2.4	0.0	2.4	3.6
23	15.6	25.5	20.2	79.7	0.0	0.0	0.0	4.4
24	16.7	27.8	21.1	79.3	0.0	26.2	26.2	5.0
25	16.7	25.6	20.8	75.3	0.0	0.0	0.0	5.7
26	16.0	27.0	20.4	82.3	5.7	0.0	5.7	3.4
27	16.7	25.0	19.1	87.7	0.0	0.0	0.0	2.2
28	16.1	24.0	18.1	92.7	6.9	.7	7.6	.5
29	15.1	26.0	20.3	77.3	0.0	0.0	0.0	6.3
30	14.6	29.4	21.5	74.7	0.0	0.0	0.0	10.0
31	17.8	27.5	21.7	77.0	0.0	0.0	0.0	7.4
Total :					48.3	57.4	105.7	138.6
Promedio :	16.1	25.9	20.1	79.9				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	25.5	21.1	80.0	0.0	16.9	16.9	4.0
2	15.7	22.6	18.8	87.3	0.0	0.0	0.0	0.0
3	16.2	26.0	20.8	79.3	0.0	1.0	1.0	5.0
4	17.0	26.6	20.7	82.0	.4	0.0	.4	6.2
5	16.6	25.0	19.2	85.7	3.6	0.0	3.6	4.1
6	14.4	27.0	19.5	81.0	2.8	12.3	15.1	6.5
7	16.9	22.7	19.0	85.7	6.2	.2	6.4	.6
8	15.8	24.6	18.9	83.7	14.1	13.6	27.7	4.5
9	15.6	25.5	19.3	82.7	1.1	5.7	6.8	5.2
10	16.1	23.8	18.0	85.7	3.1	0.0	3.1	1.1
11	13.2	24.9	18.6	79.3	0.0	.1	.1	5.6
12	13.0	25.4	19.1	78.7	.4	3.0	3.4	4.5
13	14.4	25.6	19.6	75.0	0.0	0.0	0.0	6.6
14	13.4	25.5	19.3	79.3	0.0	0.0	0.0	6.5
15	15.6	26.5	20.6	81.3	0.0	1.1	1.1	6.2
16	15.8	26.1	20.0	82.7	0.0	0.0	0.0	4.6
17	16.4	25.1	20.0	82.7	0.0	0.0	0.0	3.0
18	16.9	23.0	17.9	93.3	8.7	.1	8.8	0.0
19	14.8	25.4	19.6	78.7	0.0	.6	.6	4.9
20	16.5	25.6	20.2	81.7	14.6	.6	15.2	5.1
21	16.4	26.6	20.4	81.0	2.5	0.0	2.5	3.2
22	17.2	27.0	21.0	81.0	0.0	.2	.2	5.8
23	17.4	26.8	20.4	78.7	15.3	15.6	30.9	3.5
24	15.7	25.4	20.0	81.7	.2	42.1	42.3	4.3
25	15.8	20.4	17.7	93.0	3.4	5.9	9.3	0.0
26	16.5	23.3	17.3	85.0	6.0	8.3	14.3	.6
27	16.3	22.9	18.5	86.0	9.6	8.0	17.6	2.4
28	14.6	25.0	18.5	86.7	10.0	6.9	16.9	3.9
29	15.3	26.4	19.8	80.7	0.0	24.7	24.7	6.3
30	16.1	24.4	19.5	82.0	3.9	0.0	3.9	.8
31								
Total :					105.9	166.9	272.8	115.0
Promedio :	15.8	25.0	19.4	82.7				

Estación : ALBAN
Año : 2002

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	25.7	19.4	85.0	4.2	0.0	4.2	7.3
2	16.1	26.6	20.4	81.0	0.0	0.0	0.0	5.0
3	17.1	25.6	20.0	78.7	2.5	0.0	2.5	6.2
4	14.6	25.7	20.8	79.7	0.0	0.0	0.0	9.1
5	16.0	28.2	21.1	78.7	0.0	0.0	0.0	6.7
6	17.4	27.1	21.7	77.7	0.0	0.0	0.0	5.9
7	16.4	27.4	21.6	74.0	0.0	0.0	0.0	5.3
8	16.0	27.8	21.6	74.7	0.0	0.0	0.0	4.1
9	17.0	27.5	21.4	79.7	0.0	0.0	0.0	4.4
10	17.1	25.6	21.1	79.0	0.0	5.7	5.7	5.8
11	17.6	26.2	21.3	74.7	1.8	0.0	1.8	2.4
12	15.4	28.4	21.6	75.0	0.0	0.0	0.0	9.3
13	17.4	30.2	23.0	66.3	0.0	0.0	0.0	3.6
14	16.5	28.0	21.4	77.7	0.0	0.0	0.0	1.9
15	17.0	28.9	21.8	75.7	0.0	0.0	0.0	3.5
16	18.2	26.7	22.2	76.7	0.0	21.9	21.9	3.3
17	16.4	24.6	19.0	90.0	5.5	.5	6.0	.8
18	15.7	25.9	20.6	80.3	0.0	6.1	6.1	2.5
19	16.9	24.7	20.0	82.0	6.6	.5	7.1	1.8
20	17.9	25.3	20.8	81.0	0.0	4.6	4.6	4.1
21	16.5	24.9	20.0	79.0	.6	0.0	.6	.2
22	17.1	24.0	19.5	82.3	2.9	0.0	2.9	2.9
23	15.1	25.6	20.2	76.7	0.0	7.4	7.4	3.2
24	14.0	25.4	19.3	81.7	0.0	0.0	0.0	6.2
25	15.0	19.6	16.9	84.3	15.3	0.0	15.3	0.0
26	13.9	25.8	19.4	72.3	0.0	0.0	0.0	5.6
27	13.6	25.7	19.6	74.7	0.0	13.0	13.0	5.6
28	15.6	24.4	19.2	75.7	0.0	0.0	0.0	2.0
29	14.2	26.0	18.8	76.0	0.0	.3	.3	3.4
30	15.1	25.7	19.0	81.3	0.0	3.0	3.0	4.4
31	14.5	23.0	18.2	83.7	0.0	0.0	0.0	.1
Total :					39.4	63.0	102.4	126.6
Promedio :	16.0	26.0	20.4	78.6				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.8	25.0	19.4	81.7	0.0	18.0	18.0	6.4
2	16.0	24.6	19.6	81.0	.7	0.0	.7	3.3
3	15.5	24.3	18.8	89.0	2.3	0.0	2.3	4.0
4	14.8	23.0	17.6	92.0	10.3	0.0	10.3	.6
5	13.6	23.2	18.0	85.0	4.0	17.6	21.6	3.4
6	15.4	25.8	19.9	77.0	0.0	6.7	6.7	2.2
7	16.5	20.6	17.3	91.3	5.6	0.0	5.6	.9
8	14.6	25.0	19.6	79.0	0.0	1.2	1.2	5.9
9	15.8	23.7	18.7	85.7	.6	0.0	.6	.7
10	15.0	25.0	19.2	79.3	0.0	3.9	3.9	6.6
11	15.5	24.7	19.3	80.0	0.0	10.2	10.2	4.2
12	14.7	26.9	20.3	75.3	0.0	11.0	11.0	7.5
13	15.7	25.2	19.2	80.0	0.0	0.0	0.0	4.0
14	15.0	24.4	18.4	86.3	.8	0.0	.8	4.4
15	14.6	24.6	19.1	80.0	17.8	0.0	17.8	4.9
16	14.3	27.2	20.6	77.3	0.0	0.0	0.0	6.9
17	16.4	26.4	20.4	76.3	0.0	.1	.1	2.3
18	15.0	26.5	20.2	78.3	0.0	0.0	0.0	8.3
19	14.8	28.8	21.2	72.3	0.0	0.0	0.0	8.4
20	14.7	28.1	21.0	72.7	0.0	0.0	0.0	6.7
21	16.1	27.9	21.7	68.7	0.0	0.0	0.0	7.4
22	16.7	28.0	21.6	70.7	0.0	0.0	0.0	9.3
23	14.6	27.9	20.7	72.7	0.0	0.0	0.0	5.0
24	16.0	27.7	20.9	77.0	0.0	0.0	0.0	4.0
25	17.0	27.8	21.6	70.3	0.0	0.0	0.0	7.1
26	14.1	26.6	20.3	78.3	0.0	0.0	0.0	7.7
27	15.4	27.8	21.0	76.0	0.0	0.0	0.0	4.9
28	16.4	25.6	21.0	78.7	0.0	0.0	0.0	2.3
29	17.4	25.7	20.9	79.3	0.0	.2	.2	3.5
30	14.8	28.2	21.1	75.0	0.0	0.0	0.0	9.2
31								
Total :					42.1	68.9	111.0	152.0
Promedio :	15.3	25.9	20.0	78.9				

Estación : ALBAN
Año : 2002

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.2	27.7	21.4	76.7	0.0	0.0	0.0	4.4
2	14.8	26.7	20.8	76.7	0.0	0.0	0.0	6.6
3	17.1	27.4	21.7	77.0	0.0	6.9	6.9	6.8
4	16.6	25.0	20.6	78.7	1.0	11.7	12.7	6.5
5	17.0	22.5	18.6	86.0	1.5	8.2	9.7	1.4
6	16.2	22.8	19.4	81.0	0.0	0.0	0.0	.1
7	13.0	25.6	19.4	80.3	0.0	0.0	0.0	9.0
8	16.2	26.8	21.3	75.7	0.0	0.0	0.0	7.8
9	17.0	27.1	21.8	77.0	0.0	0.0	0.0	4.7
10	17.8	25.2	20.4	79.3	.4	.3	.7	0.0
11	15.5	24.7	19.8	78.7	.2	.1	.3	4.7
12	16.7	28.7	21.0	72.7	0.0	0.0	0.0	9.1
13	13.7	29.3	20.8	70.7	0.0	0.0	0.0	2.8
14	14.8	26.5	20.8	76.3	0.0	5.0	5.0	5.4
15	17.0	25.9	20.9	78.0	0.0	0.0	0.0	4.6
16	15.4	26.0	20.6	77.7	0.0	0.0	0.0	6.0
17	17.3	27.0	20.6	77.3	0.0	14.9	14.9	4.6
18	15.6	25.0	20.0	77.3	.2	0.0	.2	4.9
19	16.2	25.6	20.2	78.3	5.0	.9	5.9	4.3
20	16.0	24.6	20.1	78.0	0.0	4.1	4.1	2.9
21	15.0	23.6	19.0	83.0	0.0	0.0	0.0	3.3
22	14.9	26.0	20.3	78.0	0.0	0.0	0.0	8.1
23	16.8	25.5	20.0	82.0	.9	0.0	.9	2.6
24	15.6	24.7	19.9	79.3	0.0	.5	.5	5.6
25	16.9	27.4	21.0	75.7	0.0	0.0	0.0	4.9
26	13.5	28.3	20.5	69.7	0.0	0.0	0.0	9.2
27	14.6	25.6	19.7	80.0	0.0	0.0	0.0	6.7
28	14.5	27.2	20.7	75.0	0.0	0.0	0.0	7.7
29	14.1	28.6	20.6	74.7	0.0	0.0	0.0	8.3
30	12.9	25.3	19.7	73.7	0.0	0.0	0.0	8.0
31	16.0	25.0	18.8	82.7	18.7	0.0	18.7	3.3
Total :					27.9	52.6	80.5	164.3
Promedio :	15.6	26.0	20.3	77.7				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.6	27.6	19.8	72.0	0.0	0.0	0.0	8.4
2	15.4	25.7	20.2	75.3	0.0	0.0	0.0	6.5
3	14.2	27.2	20.4	72.7	.8	0.0	.8	4.6
4	13.8	25.5	19.6	77.3	0.0	.8	.8	8.2
5	15.4	28.8	21.1	72.7	0.0	0.0	0.0	9.1
6	14.8	27.2	20.3	76.0	0.0	0.0	0.0	7.2
7	14.7	26.4	20.9	76.0	0.0	0.0	0.0	2.6
8	16.6	25.2	19.9	83.7	0.0	0.0	0.0	4.2
9	16.4	27.6	20.8	74.3	0.0	0.0	0.0	2.2
10	16.0	28.8	21.8	66.3	0.0	0.0	0.0	8.3
11	14.8	28.5	21.0	71.0	0.0	0.0	0.0	7.6
12	12.9	27.8	20.2	76.3	0.0	0.0	0.0	8.5
13	14.9	28.6	20.4	75.7	0.0	0.0	0.0	6.7
14	15.6	28.8	21.4	73.3	0.0	0.0	0.0	6.5
15	15.0	29.8	21.7	70.3	0.0	0.0	0.0	9.3
16	15.5	29.9	22.1	68.3	0.0	0.0	0.0	6.0
17	12.8	30.4	21.2	65.3	0.0	0.0	0.0	7.2
18	14.8	27.8	20.8	73.7	0.0	0.0	0.0	3.9
19	16.3	26.0	20.2	77.3	0.0	0.0	0.0	.6
20	15.9	27.5	20.8	76.7	0.0	0.0	0.0	8.1
21	16.7	28.1	20.9	79.0	0.0	0.0	0.0	9.0
22	17.6	26.8	21.2	77.3	0.0	0.0	0.0	3.7
23	17.2	25.8	20.7	78.0	0.0	0.0	0.0	5.0
24	16.1	27.0	21.2	75.7	0.0	0.0	0.0	8.7
25	16.4	27.3	20.9	73.7	.8	.5	1.3	7.0
26	15.8	24.7	19.9	78.3	0.0	.2	.2	1.7
27	17.0	24.9	19.4	79.0	6.5	0.0	6.5	1.6
28	15.6	23.7	19.3	82.7	0.0	4.7	4.7	2.3
29	15.2	21.2	18.1	77.7	2.0	0.0	2.0	0.0
30	13.3	24.9	19.1	78.7	0.0	0.0	0.0	8.2
31	16.8	26.7	21.2	73.0	0.0	1.1	1.1	3.9
Total :					10.1	7.3	17.4	176.8
Promedio :	15.4	27.0	20.5	75.1				

Estación : ALBAN
Año : 2002

Dpto. : VALLE
Mpio. : EL CAIRO

Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	26.6	19.9	83.0	5.7	5.5	11.2	4.1
2	16.1	26.4	20.2	80.3	4.2	.1	4.3	7.1
3	16.4	25.2	19.7	80.7	0.0	.1	.1	8.9
4	15.2	25.7	19.9	81.0	0.0	0.0	0.0	10.1
5	15.0	27.5	20.9	74.0	0.0	0.0	0.0	7.7
6	15.3	26.3	20.6	77.7	0.0	0.0	0.0	5.6
7	16.9	26.8	20.5	75.7	0.0	0.0	0.0	7.3
8	14.5	26.9	20.8	72.7	0.0	0.0	0.0	8.4
9	17.1	25.3	20.9	74.7	0.0	0.0	0.0	2.8
10	16.8	25.2	19.8	78.7	1.2	5.6	6.8	.2
11	16.9	28.5	20.8	74.3	6.2	0.0	6.2	4.6
12	17.0	27.1	20.3	79.0	.2	0.0	.2	6.5
13	15.0	27.6	20.6	81.0	0.0	0.0	0.0	7.6
14	17.7	25.7	20.2	80.0	2.2	5.8	8.0	2.8
15	16.3	26.7	20.6	81.7	0.0	.6	.6	4.9
16	17.1	25.6	19.6	82.0	0.0	0.0	0.0	4.2
17	14.6	24.9	18.7	87.0	1.1	7.5	8.6	3.5
18	15.5	21.1	18.5	84.0	0.0	0.0	0.0	.6
19	14.1	25.0	19.5	82.0	0.0	0.0	0.0	7.6
20	15.6	25.9	20.2	80.3	0.0	0.0	0.0	5.0
21	16.9	26.7	20.7	79.0	0.0	0.0	0.0	5.9
22	15.8	25.5	20.6	77.0	0.0	0.0	0.0	7.5
23	15.6	24.4	19.2	82.7	.4	1.3	1.7	7.0
24	14.5	24.1	19.3	83.3	0.0	9.4	9.4	4.8
25	16.5	24.6	19.5	82.3	2.4	14.5	16.9	3.3
26	15.7	24.3	18.8	81.7	5.1	.4	5.5	4.0
27	15.9	27.0	20.2	80.3	6.4	11.2	17.6	5.4
28	16.0	23.2	17.9	86.0	.7	0.0	.7	3.1
29	14.2	24.9	19.0	85.7	0.0	0.0	0.0	6.1
30	15.7	27.0	20.5	80.7	0.0	0.0	0.0	8.2
31								
Total :					35.8	62.0	97.8	164.8
Promedio :	15.9	25.7	19.9	80.3				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	28.3	21.0	75.7	0.0	0.0	0.0	5.9
2	16.8	27.5	20.9	78.3	0.0	0.0	0.0	7.2
3	15.7	26.4	20.6	82.7	0.0	0.0	0.0	6.2
4	17.5	28.0	21.1	81.0	0.0	0.0	0.0	5.7
5	16.4	25.5	21.0	76.7	0.0	0.0	0.0	2.8
6	16.5	25.6	20.2	80.7	2.1	.5	2.6	4.8
7	17.0	24.1	18.8	83.0	0.0	0.0	0.0	3.0
8	14.1	25.2	19.2	82.0	2.9	.1	3.0	4.2
9	15.7	25.0	20.1	84.0	3.6	0.0	3.6	6.7
10	17.1	27.1	19.9	82.0	3.0	21.4	24.4	6.6
11	15.6	23.5	18.8	82.0	0.0	0.0	0.0	1.4
12	13.6	24.2	19.1	83.0	0.0	0.0	0.0	7.2
13	15.9	26.2	20.1	80.3	0.0	0.0	0.0	6.7
14	15.7	25.6	19.6	81.7	0.0	2.9	2.9	6.3
15	14.9	25.2	19.3	81.7	.3	.1	.4	4.2
16	16.0	24.6	19.2	86.7	.6	0.0	.6	4.3
17	15.2	24.1	18.9	86.7	4.9	36.6	41.5	5.0
18	15.6	25.6	19.2	79.0	3.0	0.0	3.0	5.8
19	14.1	25.5	19.0	84.3	2.2	1.1	3.3	5.8
20	14.9	22.4	18.7	87.7	2.6	0.0	2.6	2.4
21	16.3	26.0	20.1	80.3	5.4	5.6	11.0	2.8
22	15.2	24.5	18.2	90.3	.5	0.0	.5	1.6
23	15.6	24.6	18.6	85.0	.2	7.9	8.1	2.7
24	16.0	25.6	18.9	87.0	0.0	.8	.8	3.1
25	14.8	27.2	19.0	82.7	.9	13.8	14.7	5.6
26	16.4	23.2	19.2	85.7	3.0	29.7	32.7	3.0
27	15.9	23.8	17.1	94.7	13.2	0.0	13.2	.9
28	13.7	25.2	17.4	86.7	1.5	0.0	1.5	3.8
29	14.2	23.7	18.0	86.3	8.0	6.4	14.4	1.5
30	15.0	23.9	17.8	91.0	2.7	1.5	4.2	1.3
31	14.6	25.2	19.4	81.0	0.0	1.2	1.2	7.5
Total :					60.6	129.6	190.2	136.0
Promedio :	15.6	25.2	19.3	83.5				

Estación : ALBAN
Año : 2002

Dpto. : VALLE
Mpio. : EL CAIRO

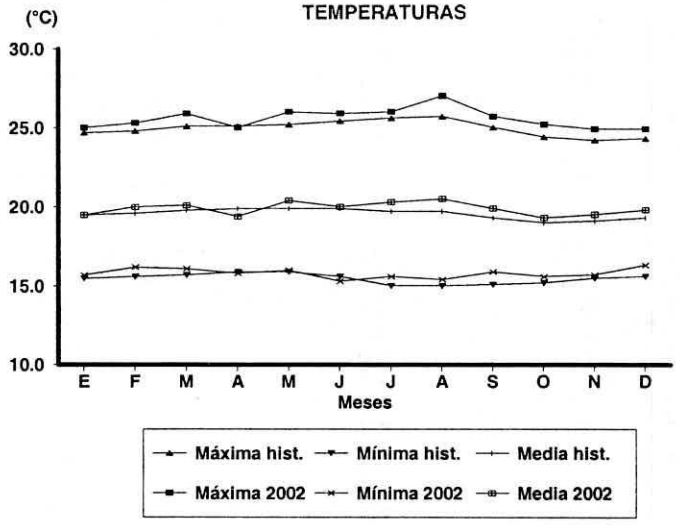
Latitud : 4 ° 46 ' N
Longitud : 76 ° 11 ' W
Altitud : 1500 m

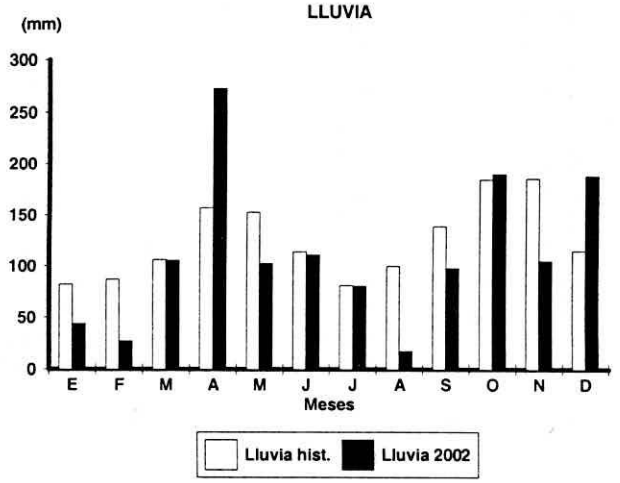
Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	21.6	17.9	91.3	13.9	.3	14.2	.5
2	15.5	22.6	18.4	85.7	.3	1.0	1.3	2.2
3	16.3	22.1	18.4	84.0	4.5	0.0	4.5	3.1
4	13.6	26.0	19.1	81.7	0.0	9.2	9.2	6.8
5	15.3	24.4	18.2	84.3	6.5	1.5	8.0	2.9
6	15.1	24.1	19.2	80.7	0.0	2.0	2.0	2.4
7	16.0	23.1	18.2	85.3	8.5	9.7	18.2	.5
8	15.8	25.0	19.1	81.3	1.1	4.3	5.4	2.4
9	15.5	25.3	19.2	83.7	.2	.1	.3	5.3
10	14.7	25.4	19.0	83.0	.1	0.0	.1	6.2
11	14.5	25.3	19.6	81.3	0.0	.2	.2	5.8
12	14.8	23.8	18.9	85.7	0.0	1.9	1.9	3.0
13	16.0	23.1	18.9	85.3	.4	2.2	2.6	.6
14	16.2	26.0	20.1	84.0	0.0	1.8	1.8	7.1
15	17.1	25.4	19.9	83.7	13.2	0.0	13.2	3.6
16	15.6	26.3	20.4	77.3	0.0	2.4	2.4	8.1
17	16.2	25.4	20.0	81.3	1.8	1.6	3.4	2.5
18	16.0	24.8	19.1	84.0	0.0	1.5	1.5	5.9
19	16.3	23.2	19.2	84.7	0.0	0.0	0.0	1.1
20	14.8	25.1	19.8	81.7	0.0	0.0	0.0	6.3
21	15.6	25.2	19.8	84.0	0.0	0.0	0.0	4.7
22	17.2	26.4	20.5	78.3	0.0	0.0	0.0	4.3
23	15.3	26.7	19.9	81.0	0.0	0.0	0.0	6.2
24	15.1	26.4	18.6	86.3	14.6	0.0	14.6	4.6
25	15.2	26.2	20.4	81.7	0.0	0.0	0.0	5.5
26	15.7	26.6	20.9	80.0	0.0	0.0	0.0	6.4
27	16.3	26.1	21.0	82.0	0.0	0.0	0.0	7.6
28	16.9	26.0	21.0	81.0	0.0	0.0	0.0	4.3
29	16.1	23.8	19.6	83.0	0.0	0.0	0.0	.7
30	15.5	26.0	20.5	80.3	0.0	0.0	0.0	7.5
31								
Total :					65.1	39.7	104.8	128.1
Promedio :	15.7	24.9	19.5	82.9				

Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	28.7	21.8	75.3	0.0	0.0	0.0	8.0
2	17.2	26.7	22.1	78.3	0.0	0.0	0.0	8.6
3	17.1	25.9	20.7	82.0	0.0	0.0	0.0	.9
4	15.4	25.1	19.8	82.7	1.5	0.0	1.5	1.4
5	14.9	24.5	19.0	86.0	1.5	.6	2.1	4.5
6	16.4	26.5	20.1	82.7	.3	0.0	.3	3.3
7	17.0	24.1	19.7	85.0	12.8	13.4	26.2	2.5
8	16.5	22.5	18.3	89.3	21.9	0.0	21.9	0.0
9	16.6	24.8	19.8	84.7	0.0	0.0	0.0	2.2
10	14.0	26.5	19.9	81.7	0.0	0.0	0.0	6.1
11	17.1	24.6	20.0	82.7	.7	0.0	.7	3.8
12	16.6	24.9	20.5	81.3	0.0	0.0	0.0	4.0
13	17.1	26.6	20.7	80.3	0.0	9.1	9.1	3.9
14	17.6	24.4	20.3	82.7	.4	19.1	19.5	1.7
15	17.0	20.0	18.0	93.0	31.2	3.8	35.0	0.0
16	15.7	21.8	17.6	92.7	27.1	0.0	27.1	.2
17	16.1	21.2	17.2	93.0	7.4	.3	7.7	.2
18	15.6	25.0	19.0	82.7	.2	0.0	.2	.8
19	15.3	25.6	20.2	79.0	0.0	0.0	0.0	6.8
20	16.7	23.7	18.7	89.3	4.8	25.4	30.2	1.5
21	15.9	25.2	19.8	81.7	.2	0.0	.2	4.6
22	16.1	25.6	20.1	80.3	0.0	0.0	0.0	3.9
23	15.7	25.3	20.3	77.7	0.0	0.0	0.0	6.6
24	16.2	24.8	20.2	80.7	0.0	0.0	0.0	1.5
25	15.6	25.6	20.0	82.7	6.0	0.0	6.0	5.0
26	16.0	26.2	20.3	80.7	.6	0.0	.6	5.7
27	17.1	24.8	20.2	79.7	0.0	0.0	0.0	2.2
28	15.9	25.0	20.2	82.3	0.0	0.0	0.0	2.2
29	16.6	25.7	19.5	82.3	0.0	0.0	0.0	3.5
30	16.1	25.8	20.6	83.0	0.0	0.0	0.0	3.6
31	17.1	26.0	20.5	84.3	0.0	0.0		2.3
Total :					116.6	71.7	188.3	101.5
Promedio :	16.3	24.9	19.8	83.2				

Estación : ALBAN **Dpto. : VALLE** **Latitud : 4 ° 46 ' N**
Año : 2002 **Mpio. : EL CAIRO** **Longitud : 76 ° 11 ' W**
Altitud : 1500 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	15.7	25.0	19.5	27.5	13.9	81.0	44.0	14	144.6
Febrero	16.2	25.3	20.0	27.6	12.6	78.9	27.2	12	130.0
Marzo	16.1	25.9	20.1	29.4	14.6	79.9	105.7	16	138.6
Abril	15.8	25.0	19.4	27.0	13.0	82.7	272.8	25	115.0
Mayo	16.0	26.0	20.4	30.2	13.6	78.6	102.4	16	126.6
Junio	15.3	25.9	20.0	28.8	13.6	78.9	111.0	16	152.0
Julio	15.6	26.0	20.3	29.3	12.9	77.7	80.5	13	164.3
Agosto	15.4	27.0	20.5	30.4	12.6	75.1	17.4	8	176.8
Septiembre	15.9	25.7	19.9	28.5	14.1	80.3	97.8	15	164.8
Octubre	15.6	25.2	19.3	28.3	13.6	83.5	190.2	22	136.0
Noviembre	15.7	24.9	19.5	26.7	13.6	82.9	104.8	19	128.1
Diciembre	16.3	24.9	19.8	28.7	14.0	83.2	188.3	16	101.5
Promedio :	15.8	25.6	19.9			80.2			
Absoluta :				30.4	12.6				
Total :							1342.1	192	1678.3





Estación : ARTURO GOMEZ
Año : 2002

Dpto. : VALLE
Mpio. : ALCALA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 47 ' W
Altitud : 1320 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	28.6	22.7	71.0	0.0	0.0	0.0	6.6
2	18.0	29.6	22.0	76.0	3.5	9.8	13.3	7.8
3	17.5	27.4	21.4	75.7	0.0	0.0	0.0	4.8
4	16.2	28.4	22.2	69.7	0.0	0.0	0.0	8.5
5	16.4	28.8	22.8	69.3	0.0	0.0	0.0	7.6
6	16.5	29.6	23.2	65.7	0.0	11.9	11.9	7.1
7	18.7	27.6	21.0	80.7	0.0	5.9	5.9	2.4
8	16.5	26.6	21.0	75.7	0.0	0.0	0.0	7.6
9	17.9	28.0	21.7	75.3	2.4	.1	2.5	5.8
10	16.0	28.6	21.9	68.0	0.0	0.0	0.0	9.4
11	17.4	29.0	22.3	65.7	0.0	0.0	0.0	8.0
12	16.4	28.4	22.0	68.0	0.0	0.0	0.0	6.9
13	18.2	26.7	20.8	81.0	9.6	.5	10.1	3.3
14	17.0	27.2	21.4	76.7	0.0	0.0	0.0	3.1
15	16.0	28.8	22.0	71.0	0.0	0.0	0.0	7.0
16	17.4	29.2	22.4	68.3	0.0	0.0	0.0	7.7
17	16.2	29.0	22.2	71.7	0.0	0.0	0.0	7.8
18	17.5	29.4	22.7	66.0	0.0	0.0	0.0	7.3
19	16.5	29.8	23.0	66.0	0.0	0.0	0.0	7.7
20	17.6	29.6	20.6	75.7	16.5	0.0	16.5	5.6
21	16.0	29.0	22.1	69.3	0.0	0.0	0.0	7.3
22	17.0	30.4	23.2	65.0	0.0	0.0	0.0	8.5
23	16.0	30.8	22.5	67.3	0.0	0.0	0.0	9.0
24	16.8	29.2	23.2	69.7	0.0	0.0	0.0	5.3
25	17.5	28.8	23.4	69.7	0.0	0.0	0.0	3.7
26	17.2	29.0	22.4	77.0	3.3	0.0	3.3	4.8
27	17.6	32.0	23.0	70.0	0.0	0.0	0.0	9.3
28	16.3	31.4	23.9	60.7	0.0	0.0	0.0	8.5
29	17.2	31.6	21.6	76.7	3.5	.2	3.7	8.5
30	17.6	27.2	21.8	78.3	.2	0.0	.2	3.2
31	17.1	26.2	21.5	76.7	0.0	0.0	0.0	.4
Total					39.0	28.4	67.4	200.5
Promedio :	17.1	28.9	22.2	71.5				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	19.0	30.6	22.5	73.7	1.3	0.0	1.3	5.9
2	17.7	30.8	23.5	68.7	0.0	0.0	0.0	7.7
3	17.5	25.2	20.2	84.7	2.8	0.0	2.8	.2
4	16.3	26.0	20.5	81.3	0.0	0.0	0.0	.9
5	17.0	30.4	23.4	63.3	0.0	0.0	0.0	8.0
6	16.2	30.2	22.6	65.3	0.0	0.0	0.0	7.7
7	15.4	29.0	22.8	58.7	0.0	0.0	0.0	7.3
8	17.0	27.2	22.1	66.7	0.0	1.0	1.0	2.7
9	16.6	29.2	21.5	73.3	.1	0.0	.1	5.5
10	16.4	29.6	21.8	68.3	2.0	6.6	8.6	6.6
11	18.0	29.4	22.7	69.3	0.0	0.0	0.0	5.3
12	18.1	29.6	21.7	71.7	1.4	0.0	1.4	3.9
13	17.2	29.8	22.9	69.0	0.0	0.0	0.0	4.6
14	16.6	29.6	21.8	70.7	0.0	0.0	0.0	6.2
15	15.3	29.6	21.2	75.7	5.1	1.5	6.6	7.1
16	17.5	28.8	23.4	63.7	0.0	0.0	0.0	4.8
17	17.1	31.4	22.2	74.0	2.5	0.0	2.5	8.2
18	17.5	30.8	23.4	61.3	0.0	0.0	0.0	7.8
19	18.9	28.5	23.0	70.0	0.0	0.0	0.0	2.6
20	16.5	30.4	22.7	65.7	0.0	0.0	0.0	5.8
21	17.5	30.2	22.5	70.3	1.7	3.7	5.4	6.1
22	18.5	27.6	21.8	78.0	.5	0.0	.5	1.5
23	17.5	29.4	23.4	68.3	0.0	0.0	0.0	5.7
24	15.6	32.4	24.1	61.3	0.0	0.0	0.0	8.9
25	17.5	31.2	24.5	61.0	.2	0.0	.2	8.3
26	17.4	29.2	22.0	74.3	0.0	0.0	0.0	4.8
27	17.0	28.5	22.0	77.3	2.0	.8	2.8	3.4
28	18.3	29.4	23.3	71.0	0.0	0.0	0.0	5.2
29								
30								
31								
Total					19.6	13.6	33.2	152.7
Promedio :	17.2	29.4	22.5	69.9				

Estación : ARTURO GOMEZ
Año : 2002

Dpto. : VALLE
Mpio. : ALCALA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 47 ' W
Altitud : 1320 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	30.6	24.2	63.3	0.0	0.0	0.0	8.3
2	16.8	30.2	22.5	75.3	2.3	0.0	2.3	5.7
3	17.0	31.0	22.4	62.7	0.0	0.0	0.0	7.1
4	17.5	30.4	22.0	73.7	3.5	0.0	3.5	5.0
5	17.2	27.2	22.6	66.7	0.0	0.0	0.0	3.7
6	16.2	29.6	21.5	75.0	3.1	0.0	3.1	5.9
7	17.4	29.5	22.8	71.0	.8	.3	1.1	6.9
8	17.4	31.0	23.2	66.7	0.0	0.0	0.0	8.2
9	16.8	31.1	24.0	62.7	0.0	0.0	0.0	8.6
10	16.5	31.2	23.9	61.3	0.0	0.0	0.0	9.2
11	16.4	29.2	22.8	67.7	0.0	0.0	0.0	5.1
12	18.4	27.2	23.0	71.0	.1	0.0	.1	3.9
13	18.0	29.4	23.6	63.7	0.0	7.5	7.5	5.0
14	17.4	27.4	21.3	73.7	0.0	.6	.6	3.7
15	16.5	28.1	20.6	79.3	.9	0.0	.9	2.9
16	16.4	29.8	24.3	64.0	0.0	12.3	12.3	6.1
17	17.8	23.1	20.0	88.0	0.0	0.0	0.0	.2
18	16.5	30.0	22.3	67.3	0.0	8.5	8.5	3.8
19	17.1	23.7	20.0	84.7	.3	0.0	.3	.4
20	17.0	28.4	22.3	69.0	0.0	42.0	42.0	3.2
21	17.4	22.6	20.0	83.3	1.6	0.0	1.6	0.0
22	17.5	29.8	21.4	73.7	.3	0.0	.3	4.9
23	16.0	27.2	21.5	78.0	1.9	0.0	1.9	2.9
24	17.2	29.6	22.6	72.3	.5	3.4	3.9	3.6
25	17.0	29.4	23.1	66.3	0.0	0.0	0.0	4.2
26	16.9	30.4	22.0	76.0	.8	.2	1.0	6.6
27	17.5	28.6	21.5	76.0	.8	0.0	.8	4.2
28	16.0	29.2	21.7	70.0	0.0	0.0	0.0	5.1
29	17.5	28.4	21.5	70.7	0.0	0.0	0.0	3.3
30	14.9	30.6	23.4	64.0	0.0	0.0	0.0	9.7
31	17.2	28.8	24.7	62.7	0.0	0.0	0.0	8.0
Total :					16.9	74.8	91.7	155.4
Promedio :	17.0	28.8	22.3	71.0				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	31.0	22.6	73.3	4.9	1.2	6.1	5.4
2	17.5	23.1	20.0	86.7	.4	0.0	.4	0.0
3	16.4	29.2	22.4	72.3	.6	.2	.8	5.0
4	17.5	28.0	22.5	74.0	0.0	0.0	0.0	4.5
5	16.4	29.8	21.4	74.7	29.6	.1	29.7	5.4
6	15.2	29.4	22.2	72.3	0.0	23.9	23.9	8.3
7	17.0	24.0	19.3	85.7	4.4	0.0	4.4	.9
8	16.9	27.6	20.5	78.3	7.5	30.6	38.1	5.0
9	15.4	26.0	21.2	74.3	0.0	.4	.4	4.3
10	16.8	26.4	21.0	70.0	0.0	0.0	0.0	3.5
11	16.3	28.5	21.8	67.3	0.0	.3	.3	9.1
12	17.5	29.2	22.1	68.0	0.0	0.0	0.0	6.6
13	17.3	28.8	21.6	70.3	0.0	0.0	0.0	6.4
14	16.0	29.6	22.4	68.0	0.0	.1	.1	6.2
15	16.5	29.8	23.0	73.3	.1	.1	.2	6.3
16	17.6	28.2	22.4	75.0	0.0	0.0	0.0	4.5
17	17.5	28.3	22.0	76.3	0.0	.3	.3	3.1
18	17.4	25.6	20.1	85.7	13.7	0.0	13.7	7.6
19	15.4	28.4	22.3	71.3	0.0	5.3	5.3	3.4
20	17.6	28.0	21.4	81.3	3.2	9.9	13.1	0.0
21	18.3	27.5	22.3	79.0	1.2	0.0	1.2	3.3
22	17.5	29.0	22.9	68.7	0.0	4.2	4.2	6.9
23	17.6	26.8	22.4	82.7	0.0	10.6	10.6	4.7
24	17.5	26.4	21.3	79.0	.8	58.6	59.4	1.2
25	17.2	20.7	19.0	94.0	.5	8.8	9.3	2.0
26	17.4	25.8	21.2	81.7	2.0	57.0	59.0	6.0
27	17.0	25.2	21.0	80.0	1.1	0.0	1.1	2.3
28	16.4	29.0	20.8	80.7	19.0	37.8	56.8	3.6
29	15.6	28.8	21.9	72.3	0.0	0.0	0.0	7.2
30	18.0	26.2	21.4	80.0	0.0	0.0	0.0	.8
31								
Total :					89.0	249.4	338.4	133.5
Promedio :	17.0	27.5	21.5	76.5				

Estación : ARTURO GOMEZ
Año : 2002

Dpto. : VALLE
Mpio. : ALCALA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 47 ' W
Altitud : 1320 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	28.6	22.7	74.7	0.0	0.0	0.0	6.1
2	17.5	28.0	23.0	77.0	.1	0.0	.1	3.5
3	18.0	29.5	22.2	77.3	25.7	0.0	25.7	5.2
4	17.0	29.8	23.1	70.7	0.0	0.0	0.0	9.0
5	16.9	30.8	23.5	70.3	0.0	0.0	0.0	9.4
6	17.8	29.6	23.7	73.7	1.4	0.0	1.4	5.0
7	17.6	30.4	22.8	73.3	.9	0.0	.9	7.4
8	19.0	30.4	23.2	73.7	0.0	0.0	0.0	2.9
9	18.2	31.2	22.4	77.3	17.8	.3	18.1	7.7
10	17.6	29.4	23.6	74.3	0.0	0.0	0.0	6.5
11	19.4	26.8	22.6	80.7	.3	0.0	.3	.2
12	16.9	32.1	24.9	63.7	0.0	0.0	0.0	9.9
13	18.8	29.0	23.6	78.0	0.0	0.0	0.0	1.4
14	17.6	28.5	23.2	78.3	0.0	0.0	0.0	3.1
15	17.5	28.4	23.5	77.7	1.1	0.0	1.1	3.0
16	19.5	29.0	23.8	73.0	0.0	0.0	0.0	3.6
17	18.9	25.6	20.8	89.7	9.6	12.9	22.5	.9
18	17.4	28.2	22.8	80.0	.7	.5	1.2	3.5
19	17.6	27.2	22.2	76.7	0.0	4.6	4.6	2.6
20	18.8	29.5	22.6	79.0	0.0	29.9	29.9	5.7
21	17.6	25.6	21.8	80.0	1.1	0.0	1.1	1.9
22	18.5	26.0	20.0	91.7	6.0	0.0	6.0	2.3
23	16.6	27.4	22.1	78.0	0.0	6.5	6.5	3.1
24	15.4	27.6	22.2	77.7	0.0	9.1	9.1	5.9
25	14.9	22.4	18.2	85.0	10.8	.2	11.0	0.0
26	14.8	25.8	20.2	73.3	0.0	0.0	0.0	7.1
27	17.0	28.2	22.5	68.3	0.0	0.0	0.0	6.5
28	15.6	24.8	19.0	73.3	.5	.3	.8	4.7
29	15.4	28.6	21.3	68.7	.2	18.4	18.6	5.7
30	17.6	27.0	22.0	72.0	0.0	1.2	1.2	3.7
31	16.4	22.0	19.6	88.3	0.0	0.0	0.0	.1
Total :					76.2	83.9	160.1	137.6
Promedio :	17.4	28.0	22.2	76.6				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.6	27.0	20.8	78.0	1.2	11.9	13.1	5.2
2	17.2	26.0	21.7	76.3	.9	.1	1.0	5.2
3	17.5	25.6	19.7	93.0	18.8	0.0	18.8	2.5
4	16.8	23.0	19.7	85.7	.6	0.0	.6	.2
5	16.6	26.4	20.8	78.3	1.1	25.6	26.7	3.1
6	16.5	25.8	20.0	80.7	.3	8.1	8.4	3.4
7	17.4	22.6	19.0	88.0	.7	0.0	.7	.3
8	15.8	29.5	20.0	79.0	20.6	8.1	28.7	7.0
9	17.4	26.6	21.4	80.7	.9	0.0	.9	3.9
10	16.8	27.0	22.2	78.0	0.0	.6	.6	2.0
11	18.7	26.9	21.2	79.3	1.5	.2	1.7	2.5
12	17.2	28.8	22.5	71.0	0.0	.1	.1	9.6
13	18.4	26.9	21.8	76.3	.2	0.0	.2	2.5
14	17.4	28.2	21.7	76.3	0.0	0.0	0.0	7.2
15	17.5	27.4	21.2	86.7	.3	0.0	.3	4.0
16	16.9	29.0	22.0	77.7	0.0	0.0	0.0	5.9
17	17.8	27.5	21.0	80.0	36.3	0.0	36.3	3.1
18	16.6	28.5	22.0	78.0	.9	0.0	.9	6.2
19	16.8	30.9	24.5	59.3	0.0	0.0	0.0	9.7
20	17.8	30.0	23.2	71.3	0.0	0.0	0.0	7.4
21	16.2	29.4	23.0	70.7	0.0	0.0	0.0	8.9
22	17.4	30.0	24.0	60.7	0.0	0.0	0.0	7.8
23	17.0	30.1	24.4	50.3	0.0	0.0	0.0	6.1
24	16.9	28.0	21.6	78.0	2.6	0.0	2.6	6.3
25	16.7	29.4	22.6	72.3	0.0	0.0	0.0	6.5
26	15.3	29.0	23.2	68.7	0.0	0.0	0.0	6.8
27	17.2	29.4	24.0	68.7	0.0	0.0	0.0	4.9
28	18.1	29.0	22.2	77.0	5.7	0.0	5.7	4.5
29	18.0	28.8	21.0	78.7	22.8	0.0	22.8	5.1
30	17.8	30.8	23.8	64.7	0.0	0.0	0.0	10.6
31								
Total :					115.4	54.7	170.1	158.4
Promedio :	17.1	27.9	21.9	75.4				

Estación : ARTURO GOMEZ
Año : 2002

Dpto. : VALLE
Mpio. : ALCALA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 47 ' W
Altitud : 1320 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	29.6	23.5	65.0	0.0	0.0	0.0	8.0
2	16.0	30.2	23.2	73.0	0.0	0.0	0.0	7.4
3	16.8	30.6	23.5	70.7	0.0	1.3	1.3	6.0
4	17.5	30.0	22.7	72.7	5.1	14.2	19.3	6.6
5	17.9	23.6	19.8	91.0	30.2	3.9	34.1	.9
6	17.3	25.2	20.8	76.0	0.0	0.0	0.0	1.0
7	16.0	29.6	22.6	70.7	0.0	0.0	0.0	9.2
8	16.6	29.8	24.0	69.0	0.0	0.0	0.0	10.0
9	17.2	30.0	23.6	70.7	0.0	0.0	0.0	5.5
10	18.6	27.8	21.8	80.7	0.0	0.0	0.0	.3
11	15.5	27.0	22.4	78.0	9.8	26.2	36.0	3.5
12	16.7	29.2	22.2	77.0	0.0	0.0	0.0	9.8
13	16.5	30.6	24.0	56.3	0.0	0.0	0.0	10.8
14	16.0	29.6	22.3	71.7	0.0	0.0	0.0	7.1
15	17.0	27.5	21.9	73.0	10.5	0.0	10.5	4.3
16	16.6	28.3	22.8	70.3	0.0	0.0	0.0	5.1
17	18.2	28.4	22.8	73.3	0.0	6.4	6.4	4.0
18	17.6	27.4	21.0	82.0	0.0	0.0	0.0	2.9
19	17.2	28.4	22.2	78.3	0.0	0.0	0.0	4.5
20	16.8	26.8	20.2	80.0	.9	4.6	5.5	3.8
21	16.6	26.2	21.3	78.7	0.0	0.0	0.0	5.5
22	16.4	29.0	22.5	64.3	0.0	0.0	0.0	9.1
23	16.7	26.2	19.9	85.0	.5	0.0	.5	3.2
24	17.4	28.4	21.8	72.0	0.0	0.0	0.0	5.2
25	16.9	27.4	21.8	70.0	0.0	0.0	0.0	6.3
26	14.4	30.5	23.5	53.0	0.0	0.0	0.0	10.7
27	16.4	29.0	22.6	67.0	0.0	0.0	0.0	7.9
28	16.0	30.6	23.2	58.0	0.0	0.0	0.0	9.1
29	15.6	30.8	23.7	51.3	0.0	0.0	0.0	8.9
30	14.6	30.0	22.3	60.3	0.0	0.0	0.0	8.0
31	17.6	27.0	20.7	74.0	2.3	0.0	2.3	3.6
Total :					59.3	56.6	115.9	188.2
Promedio :	16.7	28.5	22.3	71.4				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.0	29.2	22.5	64.0	0.0	0.0	0.0	9.9
2	15.2	27.6	21.7	67.3	0.0	0.0	0.0	6.2
3	15.5	26.5	21.6	75.7	0.0	0.0	0.0	4.9
4	15.1	28.6	22.4	69.0	0.0	.1	.1	9.0
5	16.6	29.4	22.4	69.0	0.0	0.0	0.0	10.2
6	14.8	29.4	22.9	64.7	0.0	0.0	0.0	6.8
7	15.8	28.2	23.4	60.3	0.0	0.0	0.0	3.8
8	16.8	29.4	22.2	70.0	0.0	0.0	0.0	6.5
9	17.5	30.0	22.6	70.0	0.0	0.0	0.0	5.5
10	16.6	31.6	24.2	52.3	0.0	0.0	0.0	8.5
11	16.5	29.8	24.0	51.7	0.0	0.0	0.0	9.5
12	15.2	32.2	23.9	52.3	0.0	0.0	0.0	10.2
13	16.4	29.0	23.4	65.0	0.0	0.0	0.0	6.2
14	16.8	31.0	24.6	55.7	0.0	0.0	0.0	9.2
15	16.4	30.5	25.3	49.3	0.0	0.0	0.0	9.5
16	19.0	32.2	25.6	45.0	0.0	0.0	0.0	9.4
17	16.8	32.0	25.1	43.3	0.0	0.0	0.0	10.1
18	15.1	29.2	22.4	62.3	0.0	0.0	0.0	6.9
19	16.0	27.2	21.4	77.7	0.0	0.0	0.0	2.1
20	16.5	31.4	24.2	63.0	0.0	0.0	0.0	8.2
21	16.6	32.6	24.8	60.3	0.0	0.0	0.0	9.2
22	17.9	31.4	24.3	62.7	0.0	0.0	0.0	7.5
23	18.0	30.8	23.0	68.7	0.0	0.0	0.0	5.7
24	15.4	32.0	22.6	70.0	.2	0.0	.2	8.4
25	17.0	31.2	22.2	78.7	5.6	0.0	5.6	5.4
26	17.4	27.9	21.5	80.0	7.8	3.0	10.8	1.5
27	18.0	25.6	21.3	80.7	.8	0.0	.8	2.4
28	16.4	28.6	21.7	72.3	0.0	57.4	57.4	5.6
29	17.0	24.8	20.0	80.3	3.4	0.0	3.4	0.0
30	15.4	28.6	21.4	74.0	0.0	0.0	0.0	5.9
31	17.6	29.6	23.8	63.3	0.0	0.0	0.0	6.0
Total :					17.8	60.5	78.3	210.2
Promedio :	16.4	29.6	23.0	65.1				

Estación : ARTURO GOMEZ Dpto. : VALLE Latitud : 4 ° 40 ' N
Año : 2002 Mpio. : ALCALA Longitud : 75 ° 47 ' W
Altitud : 1320 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.6	28.0	20.4	85.0	6.9	1.0	7.9	2.6
2	17.4	27.6	21.0	79.3	6.1	0.0	6.1	5.7
3	17.6	30.8	22.6	69.3	0.0	1.6	1.6	7.7
4	17.4	30.5	23.5	65.7	0.0	0.0	0.0	8.9
5	15.6	30.0	23.0	66.0	0.0	0.0	0.0	5.6
6	16.1	29.6	23.2	69.7	0.0	0.0	0.0	5.8
7	16.6	30.8	22.6	67.7	0.0	0.0	0.0	6.5
8	15.2	30.5	23.6	63.0	0.0	0.0	0.0	9.0
9	15.8	28.0	22.8	66.0	0.0	0.0	0.0	3.3
10	16.6	27.8	20.2	79.3	10.7	0.0	10.7	3.3
11	16.5	29.8	21.4	76.3	3.9	0.0	3.9	5.5
12	15.2	30.0	21.3	75.7	3.8	0.0	3.8	8.2
13	15.6	28.7	22.8	73.0	0.0	0.0	0.0	6.8
14	17.2	26.8	21.2	84.0	10.3	0.0	10.3	3.6
15	18.6	29.6	23.7	69.7	0.0	2.2	2.2	7.0
16	17.6	28.4	22.5	74.7	0.0	0.0	0.0	5.1
17	16.4	27.0	22.0	75.7	.2	10.9	11.1	1.0
18	18.2	26.2	21.0	77.0	.2	.4	.6	3.2
19	17.2	27.5	21.1	77.0	0.0	0.0	0.0	5.5
20	16.5	29.0	22.6	70.7	0.0	0.0	0.0	5.8
21	17.8	30.8	21.8	73.7	3.3	0.0	3.3	7.5
22	15.6	29.5	21.7	73.7	.2	0.0	.2	6.4
23	16.4	29.2	22.5	73.3	0.0	7.7	7.7	6.1
24	15.4	28.1	21.1	72.7	0.0	7.0	7.0	6.5
25	17.6	28.2	21.6	79.0	1.2	64.9	66.1	4.9
26	16.4	24.6	19.3	87.7	2.1	10.8	12.9	2.4
27	17.2	29.2	21.4	76.7	.3	8.1	8.4	6.2
28	17.0	27.8	20.8	78.7	.1	0.0	.1	3.4
29	15.1	28.2	22.0	68.7	0.0	0.0	0.0	6.9
30	16.6	29.8	22.9	73.3	0.0	0.0	0.0	6.8
31								
Total					49.3	114.6	163.9	167.2
Promedio :	16.7	28.7	21.9	74.1				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.4	30.8	24.2	67.0	0.0	0.0	0.0	8.9
2	16.6	29.1	23.1	67.3	0.0	0.0	0.0	8.0
3	16.4	30.5	21.7	73.0	10.5	0.0	10.5	8.1
4	15.5	29.8	22.6	74.0	0.0	0.0	0.0	8.1
5	16.6	28.2	22.4	71.0	0.0	0.0	0.0	3.9
6	15.8	29.0	21.6	74.7	3.4	3.1	6.5	5.8
7	17.8	26.6	20.2	82.3	8.0	0.0	8.0	.9
8	16.0	29.4	22.1	75.3	.5	0.0	.5	8.0
9	16.6	29.6	22.8	76.0	9.5	0.0	9.5	8.2
10	17.6	30.4	23.6	68.0	0.0	14.0	14.0	7.1
11	16.3	27.4	19.7	82.0	.8	.1	.9	5.4
12	15.4	28.6	22.5	69.7	0.0	0.0	0.0	8.3
13	17.2	29.7	22.8	70.7	3.0	0.0	3.0	5.7
14	16.2	29.6	21.8	69.7	0.0	.1	.1	8.3
15	16.6	26.8	21.3	76.7	7.7	0.0	7.7	2.8
16	17.6	28.3	22.4	76.3	0.0	4.2	4.2	5.7
17	16.6	26.2	19.7	84.7	3.1	0.0	3.1	2.2
18	17.2	27.2	22.0	71.7	1.5	0.0	1.5	4.8
19	16.5	29.2	21.1	76.3	40.9	.3	41.2	6.6
20	16.8	26.5	20.2	80.3	4.9	.6	5.5	0.0
21	16.6	28.8	21.8	76.0	1.7	10.0	11.7	5.9
22	17.4	23.0	19.3	90.0	14.2	0.0	14.2	0.0
23	15.2	28.6	20.2	77.3	6.7	14.3	21.0	4.7
24	16.8	29.0	20.8	77.0	1.1	4.6	5.7	5.7
25	16.4	27.4	21.8	77.3	.1	22.9	23.0	5.5
26	16.5	24.2	20.0	86.7	3.0	25.7	28.7	.7
27	16.2	25.2	19.9	83.0	.3	0.0	.3	1.8
28	15.4	27.7	21.0	73.3	0.0	0.0	0.0	7.3
29	16.8	27.0	21.0	77.0	1.1	9.8	10.9	4.7
30	16.6	24.2	19.7	81.7	.4	0.0	.4	1.0
31	16.2	28.4	22.2	78.7	0.0	5.7	5.7	6.2
Total					122.4	115.4	237.8	160.3
Promedio :	16.5	27.9	21.5	76.3				

Estación : ARTURO GOMEZ
Año : 2002

Dpto. : VALLE
Mpio. : ALCALA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 47 ' W
Altitud : 1320 m

Noviembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.8	26.6	20.4	83.3	6.6	23.1	29.7	4.1
2	17.1	25.6	19.8	82.0	28.2	39.5	67.7	2.7
3	16.8	23.6	18.8	95.0	1.7	0.0	1.7	.6
4	15.8	27.4	20.8	78.0	0.0	35.5	35.5	5.9
5	14.8	27.6	20.6	75.3	1.7	19.9	21.6	7.0
6	16.5	25.5	21.0	77.3	0.0	15.0	15.0	3.4
7	17.3	23.0	20.0	85.7	.4	16.9	17.3	.1
8	16.6	26.8	19.8	80.3	14.9	0.0	14.9	3.0
9	14.8	27.4	21.1	81.0	.1	.9	1.0	4.3
10	15.8	27.2	21.2	78.7	1.2	0.0	1.2	7.1
11	16.8	28.0	22.2	77.3	5.2	4.9	10.1	5.0
12	17.0	27.5	21.0	78.0	.9	.4	1.3	4.8
13	16.9	26.0	21.0	78.0	0.0	5.5	5.5	2.8
14	16.8	26.1	21.3	78.7	0.0	0.0	0.0	3.7
15	17.9	27.3	22.0	80.0	0.0	0.0	0.0	2.8
16	15.5	29.0	22.2	75.3	.2	0.0	.2	6.0
17	18.3	27.4	21.3	86.7	8.8	4.5	13.3	3.0
18	17.5	28.0	21.0	74.7	.2	0.0	.2	4.7
19	17.3	26.0	21.5	75.0	0.0	0.0	0.0	3.5
20	15.9	29.1	22.3	72.3	0.0	0.0	0.0	7.7
21	16.6	28.8	22.4	74.7	0.0	0.0	0.0	4.7
22	16.9	28.4	22.0	74.3	0.0	0.0	0.0	6.3
23	15.6	28.5	22.0	77.3	2.9	0.0	2.9	7.0
24	16.0	27.4	22.1	76.7	.3	0.0	.3	5.8
25	17.0	28.8	22.4	73.7	0.0	0.0	0.0	7.1
26	16.8	28.5	22.5	71.3	0.0	0.0	0.0	6.0
27	16.6	29.8	23.2	73.3	0.0	0.0	0.0	7.6
28	18.4	30.0	23.4	70.7	0.0	.2	.2	5.5
29	18.5	26.5	21.8	77.0	5.9	0.0	5.9	1.2
30	16.7	29.4	23.0	75.0	0.0	0.0	0.0	6.9
31								
Total :					79.2	166.3	245.5	140.3
Promedio :	16.7	27.4	21.5	77.9				

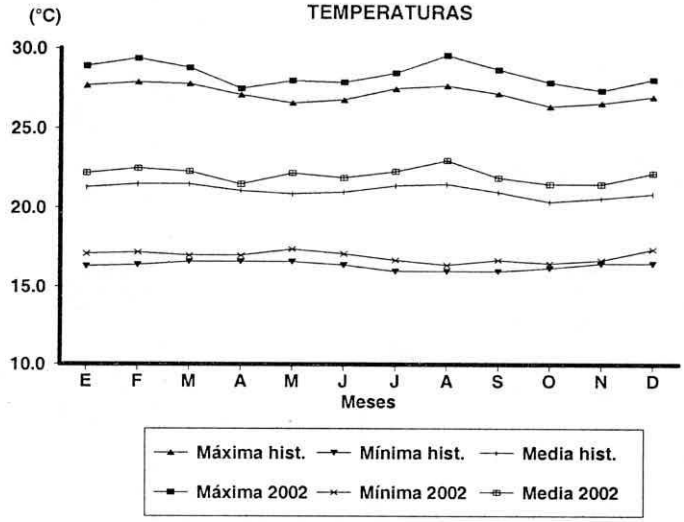
Diciembre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	29.4	23.4	62.3	0.0	0.0	0.0	7.5
2	17.8	29.2	23.8	69.0	0.0	0.0	0.0	6.0
3	17.2	29.4	22.8	74.7	0.0	0.0	0.0	3.1
4	16.3	28.6	21.2	77.7	2.5	0.0	2.5	2.9
5	16.9	28.2	21.9	77.3	0.0	12.3	12.3	3.0
6	17.5	27.4	22.6	75.3	0.0	0.0	0.0	3.2
7	17.7	28.7	22.3	78.7	0.0	0.0	0.0	4.1
8	18.5	25.0	20.6	85.0	2.1	0.0	2.1	1.1
9	18.1	28.7	22.2	72.7	0.0	0.0	0.0	7.2
10	16.8	29.8	23.6	68.0	0.0	.1	.1	8.2
11	18.9	28.8	22.8	73.0	0.0	0.0	0.0	3.1
12	17.8	30.0	23.8	66.0	0.0	0.0	0.0	8.6
13	18.8	29.8	23.0	74.3	.9	17.7	18.6	6.3
14	18.6	29.8	21.4	79.3	22.6	12.9	35.5	.4
15	17.6	20.6	19.3	95.0	10.7	3.0	13.7	0.0
16	17.8	26.2	20.8	79.0	2.0	.4	2.4	2.1
17	17.6	22.8	19.6	86.3	1.6	1.3	2.9	0.0
18	16.6	27.4	21.3	76.7	0.0	0.0	0.0	2.5
19	17.0	28.6	21.8	77.7	0.0	12.3	12.3	4.0
20	17.2	27.2	20.8	81.3	12.7	.2	12.9	3.3
21	16.9	27.6	22.0	75.3	0.0	0.0	0.0	3.8
22	17.2	28.6	22.3	74.7	0.0	0.0	0.0	4.4
23	17.6	29.0	23.5	68.3	0.0	0.0	0.0	7.2
24	16.4	29.2	23.1	70.3	0.0	0.0	0.0	3.3
25	16.8	29.4	22.4	73.7	0.0	0.0	0.0	5.5
26	16.2	29.8	23.2	69.3	0.0	0.0	0.0	7.4
27	16.6	27.8	22.2	72.0	0.0	0.0	0.0	4.0
28	17.4	28.2	22.3	74.3	0.0	0.0	0.0	3.8
29	17.7	29.0	21.3	78.3	9.3	0.0	9.3	5.5
30	16.6	29.4	23.7	68.7	0.0	0.0	0.0	6.4
31	17.5	28.8	23.0	71.7	0.0	0.0		4.2
Total :					64.4	60.2	124.6	132.1
Promedio :	17.4	28.1	22.2	75.0				

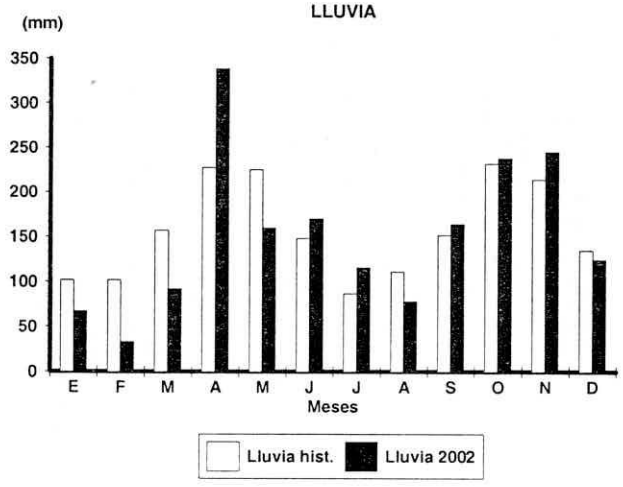
Estación : ARTURO GOMEZ
Año : 2002

Dpto. : VALLE
Mpio. : ALCALA

Latitud : 4 ° 40 ' N
Longitud : 75 ° 47 ' W
Altitud : 1320 m

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	17.1	28.9	22.2	32.0	16.0	71.5	67.4	9	200.5
Febrero	17.2	29.4	22.5	32.4	15.3	69.9	33.2	12	152.7
Marzo	17.0	28.8	22.3	31.2	14.9	71.0	91.7	18	155.4
Abril	17.0	27.5	21.5	31.0	15.2	76.5	338.4	23	133.5
Mayo	17.4	28.0	22.2	32.1	14.8	76.6	160.1	19	137.6
Junio	17.1	27.9	21.9	30.9	15.3	75.4	170.1	19	158.4
Julio	16.7	28.5	22.3	30.8	14.4	71.4	115.9	9	188.2
Agosto	16.4	29.6	23.0	32.6	14.0	65.1	78.3	7	210.2
Septiembre	16.7	28.7	21.9	30.8	15.1	74.1	163.9	18	167.2
Octubre	16.5	27.9	21.5	30.8	15.2	76.3	237.8	25	160.3
Noviembre	16.7	27.4	21.5	30.0	14.8	77.9	245.5	20	140.3
Diciembre	17.4	28.1	22.2	30.0	16.2	75.0	124.6	12	132.1
Promedio :	16.9	28.4	22.1			73.4			
Absoluta :				32.6	14.0				
Total :							1826.9	191	1936.4





Estación : VENECIA
Año : 2002

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.2	30.5	23.8	70.3	0.0	0.0	0.0	9.9
2	18.6	29.9	24.0	68.0	0.0	0.0	0.0	9.3
3	17.3	29.4	22.7	74.7	0.0	0.0	0.0	4.6
4	16.8	29.8	22.5	68.0	0.0	0.0	0.0	9.7
5	16.5	30.2	22.4	71.3	0.0	0.0	0.0	7.7
6	16.2	30.3	22.6	76.3	0.0	1.2	1.2	9.2
7	19.5	27.5	22.2	75.3	0.0	8.0	8.0	3.8
8	17.6	27.9	21.2	80.0	0.0	0.0	0.0	6.6
9	17.2	29.0	22.8	67.0	0.0	0.0	0.0	6.9
10	16.4	29.2	21.8	72.7	0.0	0.0	0.0	7.1
11	18.5	29.7	23.5	67.7	0.0	0.0	0.0	8.4
12	17.8	29.6	22.6	72.3	0.0	0.0	0.0	7.3
13	18.5	27.9	21.8	84.0	.3	0.0	.3	2.6
14	17.6	27.9	21.9	75.3	0.0	0.0	0.0	5.5
15	16.2	29.5	22.4	72.0	0.0	0.0	0.0	6.1
16	16.5	30.4	24.0	66.7	0.0	1.5	1.5	8.3
17	17.2	30.2	23.6	65.3	0.0	0.0	0.0	7.0
18	17.5	30.6	23.5	67.3	0.0	0.0	0.0	8.2
19	16.7	30.5	23.6	68.0	0.0	0.0	0.0	8.1
20	17.0	30.1	20.4	80.3	9.7	0.0	9.7	6.2
21	15.7	29.5	22.1	73.3	0.0	0.0	0.0	6.7
22	17.2	29.7	23.5	72.0	0.0	0.0	0.0	8.0
23	17.0	31.7	23.9	69.3	0.0	0.0	0.0	9.2
24	17.6	28.3	23.1	73.7	0.0	0.0	0.0	2.2
25	18.1	30.1	24.0	71.0	0.0	0.0	0.0	4.0
26	18.4	30.5	23.9	74.7	0.0	0.0	0.0	5.5
27	19.2	32.3	24.8	62.0	0.0	0.0	0.0	8.2
28	16.5	31.9	24.5	67.0	0.0	0.0	0.0	9.6
29	18.5	32.0	24.5	67.0	0.0	0.0	0.0	7.9
30	19.0	29.0	23.5	75.3	0.0	0.0	0.0	2.8
31	18.5	26.4	22.2	78.3	0.0	0.0	0.0	0.0
Total :					10.0	10.7	20.7	206.6
Promedio :	17.5	29.7	23.0	71.8				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	31.0	24.0	70.3	0.0	0.0	0.0	7.4
2	17.5	32.4	24.9	69.3	0.0	0.0	0.0	8.9
3	17.6	28.0	20.8	86.3	.7	0.0	.7	1.2
4	16.0	26.5	21.3	78.7	0.0	0.0	0.0	1.4
5	17.4	31.3	24.1	64.7	0.0	0.0	0.0	9.0
6	17.0	31.5	23.3	66.3	0.0	0.0	0.0	8.3
7	16.4	30.9	23.2	62.7	0.0	0.0	0.0	8.2
8	17.1	27.6	23.0	67.3	0.0	1.8	1.8	3.4
9	17.4	28.4	22.6	70.3	0.0	3.0	3.0	5.2
10	18.2	29.9	23.7	67.0	0.0	0.0	0.0	7.5
11	18.5	30.2	23.2	73.7	4.7	0.0	4.7	5.9
12	16.7	30.9	22.7	74.3	0.0	0.0	0.0	6.7
13	17.0	30.4	23.2	70.7	0.0	0.0	0.0	6.2
14	17.4	30.5	22.8	69.7	0.0	0.0	0.0	7.5
15	15.6	30.7	23.7	66.3	0.0	0.0	0.0	6.9
16	18.0	30.9	24.8	66.3	0.0	0.0	0.0	6.9
17	18.7	32.2	24.5	68.3	0.0	0.0	0.0	8.4
18	18.5	31.6	24.4	67.3	0.0	0.0	0.0	6.2
19	18.8	29.5	24.1	69.0	0.0	0.0	0.0	3.8
20	16.9	31.6	24.7	63.3	0.0	0.0	0.0	7.5
21	17.8	31.8	24.5	68.0	0.0	0.0	0.0	5.8
22	19.0	28.1	22.9	76.7	0.0	1.2	1.2	1.0
23	19.5	29.2	24.6	66.3	0.0	0.0	0.0	4.0
24	16.9	32.3	24.5	64.0	0.0	0.0	0.0	8.3
25	17.6	31.9	24.3	63.0	0.0	0.0	0.0	7.8
26	18.7	29.6	23.4	70.0	0.0	0.0	0.0	3.9
27	19.7	29.1	23.5	74.0	0.0	.1	.1	1.9
28	19.4	30.8	24.3	69.7	0.0	0.0	0.0	4.4
29								
30								
31								
Total :					5.4	6.1	11.5	163.6
Promedio :	17.8	30.3	23.6	69.4				

Estación : VENECIA
Año : 2002

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	32.4	25.2	63.3	0.0	0.0	0.0	7.7
2	17.0	32.9	21.5	77.0	36.4	.1	36.5	7.8
3	18.1	31.5	24.3	61.7	0.0	0.0	0.0	8.7
4	18.5	31.1	23.4	69.7	0.0	3.7	3.7	6.3
5	19.0	28.0	22.2	77.0	1.0	0.0	1.0	3.0
6	17.4	29.7	22.5	73.3	0.0	0.0	0.0	7.0
7	17.5	30.8	22.8	71.3	4.6	0.0	4.6	6.2
8	18.4	30.8	23.9	67.0	0.0	0.0	0.0	6.7
9	17.9	31.5	24.3	67.3	0.0	0.0	0.0	8.8
10	16.6	31.9	23.8	66.3	0.0	0.0	0.0	9.5
11	17.0	29.4	23.5	65.3	0.0	0.0	0.0	3.6
12	19.5	28.2	23.1	69.7	0.0	0.0	0.0	1.7
13	18.6	31.4	24.1	67.0	0.0	27.4	27.4	4.8
14	18.4	28.9	21.8	78.0	.6	0.0	.6	4.7
15	16.2	28.4	22.4	75.0	0.0	0.0	0.0	3.4
16	16.5	30.2	23.9	67.7	0.0	21.4	21.4	5.7
17	17.5	24.7	20.9	84.0	0.0	0.0	0.0	1.0
18	16.5	29.6	23.4	65.0	0.0	31.6	31.6	4.2
19	17.3	24.0	20.0	88.7	6.3	0.0	6.3	.4
20	17.5	27.9	22.2	74.7	0.0	44.1	44.1	1.8
21	17.7	23.4	19.7	89.0	1.9	0.0	1.9	.2
22	17.4	27.9	22.3	75.7	0.0	0.0	0.0	5.2
23	17.0	27.6	21.8	81.0	0.0	0.0	0.0	3.6
24	17.2	30.1	23.0	74.3	.3	3.4	3.7	5.4
25	18.3	29.4	23.5	72.7	0.0	0.0	0.0	5.9
26	16.5	30.5	21.9	80.3	2.1	0.0	2.1	7.4
27	17.5	27.9	21.5	81.0	13.9	.1	14.0	4.3
28	17.4	26.5	21.3	81.3	0.0	0.0	0.0	2.5
29	18.6	29.1	21.6	78.0	12.2	0.0	12.2	5.1
30	15.0	30.7	23.2	70.0	0.0	0.0	0.0	10.6
31	18.4	30.1	23.9	71.3	0.0	0.0	0.0	8.8
Total :					79.3	131.8	211.1	162.0
Promedio :	17.5	29.2	22.7	73.7				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	30.3	23.5	72.7	0.0	0.0	0.0	7.1
2	18.5	24.2	20.8	87.7	14.6	0.0	14.6	0.0
3	16.5	29.5	21.9	78.0	0.0	0.0	0.0	6.4
4	19.0	29.1	22.2	78.7	2.5	0.0	2.5	5.3
5	17.0	28.5	20.8	81.7	.6	.2	.8	5.1
6	16.0	28.6	22.3	74.7	0.0	23.8	23.8	6.9
7	18.0	25.2	20.7	87.0	1.6	.8	2.4	.2
8	17.0	27.4	21.2	80.3	.9	20.0	20.9	4.2
9	17.4	28.0	21.3	75.0	6.9	7.8	14.7	5.2
10	17.1	26.3	20.6	81.0	2.5	0.0	2.5	3.7
11	17.7	28.6	22.1	74.3	0.0	0.0	0.0	9.3
12	18.1	28.5	22.4	74.0	0.0	.5	.5	7.9
13	17.2	27.8	21.6	80.0	0.0	0.0	0.0	6.6
14	15.8	28.5	22.9	72.3	0.0	0.0	0.0	6.6
15	16.2	29.5	22.9	77.7	1.0	0.0	1.0	7.4
16	17.5	29.8	22.6	79.0	0.0	0.0	0.0	5.6
17	17.8	27.5	21.0	84.7	0.0	31.0	31.0	3.2
18	18.0	24.5	20.0	88.0	15.0	0.0	15.0	1.2
19	17.0	27.0	22.4	74.3	0.0	2.1	2.1	5.8
20	19.4	27.1	22.0	82.0	0.0	4.6	4.6	1.6
21	19.0	28.7	23.2	78.7	0.0	1.6	1.6	6.3
22	20.5	28.4	23.8	78.7	0.0	1.5	1.5	2.7
23	19.4	29.6	23.8	76.7	1.1	10.0	11.1	1.0
24	18.5	26.4	22.3	80.7	0.0	66.2	66.2	6.0
25	18.0	23.6	20.0	85.3	2.2	2.0	4.2	0.0
26	17.8	25.3	21.7	79.0	0.0	6.0	6.0	.8
27	18.5	27.1	21.0	84.3	7.5	1.1	8.6	3.7
28	15.6	29.4	21.2	76.7	17.4	13.2	30.6	6.6
29	17.4	28.9	21.4	79.3	.4	0.0	.4	5.4
30	18.0	26.3	21.8	79.3	0.0	0.0	0.0	2.2
31								
Total :					74.2	192.4	266.6	134.0
Promedio :	17.7	27.7	21.8	79.4				

Estación : VENECIA
Año : 2002

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.9	28.2	22.6	77.0	0.0	0.0	0.0	4.4
2	17.6	29.6	24.2	74.0	0.0	0.0	0.0	6.9
3	19.5	28.7	23.0	80.7	1.2	0.0	1.2	4.1
4	18.4	30.4	23.9	70.0	0.0	0.0	0.0	8.9
5	18.5	30.6	24.6	72.3	0.0	0.0	0.0	9.6
6	18.8	31.3	25.0	71.0	0.0	0.0	0.0	7.8
7	19.1	30.6	24.9	70.7	0.0	0.0	0.0	7.9
8	19.5	28.9	23.6	77.3	0.0	0.0	0.0	3.5
9	19.2	31.2	24.6	70.3	0.0	0.0	0.0	7.7
10	18.2	30.1	23.9	75.0	0.0	0.0	0.0	7.0
11	20.6	28.9	23.3	83.3	0.0	0.0	0.0	1.1
12	18.7	32.1	24.6	66.3	0.0	0.0	0.0	9.2
13	19.4	27.9	23.7	72.3	0.0	0.0	0.0	1.0
14	18.5	28.8	24.0	75.3	0.0	0.0	0.0	2.3
15	19.0	29.4	24.2	75.3	0.0	0.0	0.0	2.8
16	20.5	29.6	24.8	71.7	0.0	2.7	2.7	3.2
17	19.4	26.6	22.2	83.3	5.3	0.0	5.3	.8
18	19.0	28.5	22.8	82.3	1.5	0.0	1.5	3.5
19	19.4	27.1	21.8	84.3	1.4	0.0	1.4	1.8
20	18.5	29.3	22.8	80.3	23.3	78.4	101.7	5.5
21	17.6	26.5	21.7	81.7	0.0	0.0	0.0	3.5
22	17.9	27.0	21.5	80.3	0.0	0.0	0.0	1.1
23	16.5	28.3	23.2	76.0	0.0	6.6	6.6	2.6
24	16.6	29.4	22.9	77.7	0.0	.5	.5	8.1
25	15.2	21.0	18.6	93.0	29.2	0.0	29.2	0.0
26	15.4	25.6	19.9	76.3	0.0	0.0	0.0	4.5
27	17.0	28.2	22.6	73.7	0.0	42.4	42.4	3.4
28	15.6	24.2	18.5	81.3	.5	0.0	.5	1.7
29	15.5	28.5	20.9	74.7	0.0	0.0	0.0	4.5
30	18.0	27.5	22.1	75.7	2.5	0.0	2.5	3.7
31	16.7	21.8	18.8	94.0	2.2	0.0	2.2	.2
Total					67.1	130.6	197.7	132.3
Promedio	18.1	28.3	22.7	77.3				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	27.1	21.9	78.3	0.0	13.5	13.5	5.2
2	17.4	28.0	22.9	76.7	.8	0.0	.8	7.0
3	18.0	25.2	20.8	87.3	5.3	0.0	5.3	4.0
4	16.5	23.3	20.3	86.7	.4	0.0	.4	1.3
5	17.5	25.2	20.3	86.0	4.8	21.0	25.8	2.5
6	17.0	26.4	20.8	82.3	0.0	5.2	5.2	2.8
7	17.2	24.5	20.2	80.0	.3	0.0	.3	4.4
8	16.0	27.6	22.8	71.7	0.0	8.3	8.3	8.0
9	17.0	25.1	20.9	81.0	.7	0.0	.7	1.7
10	16.0	26.9	22.5	74.0	0.0	.3	.3	4.6
11	18.9	28.1	22.1	78.0	0.0	.4	.4	5.5
12	18.0	29.1	23.0	73.0	0.0	0.0	0.0	8.6
13	18.6	27.0	22.0	76.7	.7	0.0	.7	2.6
14	18.0	28.4	22.8	76.0	0.0	.6	.6	6.3
15	17.6	28.5	22.6	75.7	0.0	0.0	0.0	4.5
16	17.5	29.8	23.1	73.3	0.0	0.0	0.0	8.8
17	18.0	27.5	22.8	74.0	0.0	0.0	0.0	1.5
18	17.2	29.0	23.0	74.7	0.0	0.0	0.0	7.0
19	18.2	32.0	24.5	59.7	0.0	0.0	0.0	9.2
20	18.0	29.5	24.2	67.7	0.0	0.0	0.0	5.4
21	16.6	30.5	24.2	66.3	0.0	0.0	0.0	9.6
22	18.4	29.0	23.4	68.7	0.0	0.0	0.0	5.1
23	16.5	30.2	23.2	65.3	0.0	0.0	0.0	8.0
24	17.4	28.8	23.5	73.0	0.0	0.0	0.0	5.9
25	16.8	30.5	23.3	71.3	0.0	0.0	0.0	7.9
26	17.0	30.1	24.4	69.0	0.0	0.0	0.0	8.8
27	18.5	29.7	23.5	74.3	0.0	0.0	0.0	5.1
28	19.5	29.0	22.7	75.0	0.0	0.0	0.0	3.8
29	18.5	28.6	23.8	73.0	0.0	0.0	0.0	2.6
30	18.4	32.8	24.8	70.7	0.0	0.0	0.0	9.6
31								
Total					13.0	49.3	62.3	167.3
Promedio	17.6	28.2	22.7	74.6				

Estación : VENECIA
Año : 2002

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	29.6	24.6	69.7	0.0	0.0	0.0	6.2
2	18.0	31.3	24.4	71.0	0.0	0.0	0.0	8.3
3	17.5	30.7	25.8	67.3	0.0	0.0	0.0	6.2
4	20.0	31.5	25.3	71.7	0.0	3.5	3.5	6.3
5	18.5	25.1	20.7	83.7	30.5	3.9	34.4	2.5
6	18.0	27.2	22.1	76.3	0.0	0.0	0.0	3.8
7	16.0	29.7	23.6	70.0	0.0	0.0	0.0	9.1
8	18.5	30.6	23.5	72.7	0.0	0.0	0.0	8.8
9	17.7	30.0	23.6	71.0	0.0	0.0	0.0	7.4
10	18.2	28.5	22.8	80.3	.5	0.0	.5	2.5
11	16.8	27.2	22.3	81.0	0.0	.2	.2	2.8
12	17.9	30.9	23.7	67.7	0.0	0.0	0.0	7.8
13	15.9	32.3	23.3	63.3	0.0	0.0	0.0	9.9
14	15.1	30.7	23.1	72.7	.9	0.0	.9	9.2
15	18.0	29.2	22.1	79.7	3.3	0.0	3.3	0.0
16	17.5	28.2	22.8	77.7	0.0	0.0	0.0	.7
17	18.6	29.5	24.0	69.7	10.2	0.0	10.2	4.6
18	18.7	27.5	22.6	74.0	0.0	0.0	0.0	4.5
19	17.5	28.1	23.2	72.7	4.6	0.0	4.6	4.5
20	18.7	27.4	23.4	70.3	0.0	10.8	10.8	2.9
21	18.4	26.3	21.4	78.3	0.0	0.0	0.0	3.3
22	17.0	29.8	23.3	71.0	0.0	0.0	0.0	6.7
23	17.5	29.3	23.7	73.7	0.0	0.0	0.0	7.0
24	17.9	29.5	23.4	72.0	0.0	0.0	0.0	6.2
25	18.4	29.9	24.0	70.7	0.0	0.0	0.0	5.5
26	16.1	30.7	24.4	60.0	0.0	0.0	0.0	10.0
27	16.0	29.1	23.5	67.7	0.0	0.0	0.0	5.9
28	16.7	30.5	23.8	65.7	0.0	0.0	0.0	7.2
29	17.0	32.5	24.4	56.0	0.0	0.0	0.0	9.8
30	13.1	30.5	21.8	73.7	3.4	0.0	3.4	7.7
31	17.5	30.5	21.9	73.3	0.0	0.0	0.0	4.8
Total :					53.4	18.4	71.8	182.1
Promedio :	17.4	29.5	23.3	71.8				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.0	29.6	22.7	67.7	0.0	0.0	0.0	8.2
2	15.4	30.9	22.9	69.3	0.0	0.0	0.0	9.0
3	15.5	29.2	22.2	74.3	0.0	0.0	0.0	4.8
4	15.2	30.4	23.3	64.3	0.0	0.0	0.0	8.8
5	16.5	31.3	22.8	62.7	0.0	0.0	0.0	7.8
6	14.5	30.5	23.3	66.0	0.0	0.0	0.0	7.1
7	16.4	30.4	24.1	64.7	0.0	0.0	0.0	5.3
8	17.4	30.6	23.9	68.7	0.0	0.0	0.0	5.9
9	17.5	30.5	23.6	69.7	0.0	0.0	0.0	5.4
10	17.0	32.2	23.7	60.3	0.0	0.0	0.0	8.6
11	17.5	30.5	24.5	57.3	0.0	0.0	0.0	5.0
12	15.1	30.7	24.5	61.7	0.0	0.0	0.0	7.1
13	17.3	32.1	25.1	65.3	0.0	0.0	0.0	5.9
14	16.8	31.6	24.9	59.7	0.0	0.0	0.0	6.4
15	18.0	32.4	26.4	50.0	0.0	0.0	0.0	8.1
16	18.2	32.5	25.5	48.7	0.0	0.0	0.0	8.7
17	14.6	33.0	26.1	45.3	0.0	0.0	0.0	10.2
18	16.4	31.8	24.5	61.0	0.0	0.0	0.0	7.0
19	16.0	28.5	23.0	65.7	0.0	0.0	0.0	3.2
20	18.6	32.5	24.8	65.0	0.0	0.0	0.0	7.6
21	17.0	33.9	25.5	60.0	0.0	0.0	0.0	9.3
22	17.0	31.5	24.6	65.7	0.0	0.0	0.0	8.0
23	18.9	31.4	24.8	67.3	0.0	0.0	0.0	6.1
24	17.1	33.4	24.4	68.0	0.0	0.0	0.0	8.6
25	18.0	32.3	24.0	71.7	0.0	0.0	0.0	7.5
26	17.8	28.3	21.9	79.3	0.0	6.3	6.3	3.3
27	19.0	27.2	22.1	81.0	0.0	0.0	0.0	3.2
28	17.5	28.3	23.3	72.3	0.0	21.8	21.8	4.0
29	18.0	24.4	20.4	85.3	3.3	0.0	3.3	0.0
30	16.0	28.9	22.9	67.7	0.0	.2	.2	6.6
31	18.4	29.9	23.3	77.0	9.1	2.1	11.2	6.6
Total :					12.4	30.4	42.8	203.3
Promedio :	16.9	30.7	23.8	65.9				

Estación : VENECIA
Año : 2002

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	18.4	27.5	21.4	82.0	13.0	9.6	22.6	2.6
2	18.6	28.8	23.2	70.7	0.0	0.0	0.0	6.2
3	18.5	30.4	24.2	70.3	0.0	.9	.9	7.0
4	17.4	31.6	24.8	63.0	0.0	0.0	0.0	9.8
5	16.6	30.7	24.1	63.3	0.0	0.0	0.0	7.7
6	17.0	31.9	22.9	77.7	.4	0.0	.4	8.4
7	17.5	31.4	23.3	67.3	0.0	0.0	0.0	8.0
8	15.4	32.5	24.4	62.7	0.0	0.0	0.0	10.2
9	16.2	29.0	23.4	67.3	0.0	0.0	0.0	5.9
10	17.0	29.4	22.8	72.7	0.0	0.0	0.0	4.8
11	17.2	31.1	21.7	75.7	0.0	.4	.4	7.3
12	15.8	30.4	24.0	65.0	0.0	0.0	0.0	9.5
13	16.6	29.9	24.2	68.3	0.0	0.0	0.0	8.5
14	17.3	28.0	23.3	77.7	0.0	0.0	0.0	1.6
15	18.5	29.2	23.5	73.3	0.0	0.0	0.0	3.4
16	18.2	29.9	24.3	65.7	0.0	0.0	0.0	5.8
17	17.0	28.5	23.7	66.0	0.0	0.0	0.0	1.4
18	17.8	26.1	22.1	79.7	28.3	.2	28.5	1.8
19	17.5	28.1	21.1	78.0	2.6	0.0	2.6	3.8
20	17.3	30.0	23.4	75.3	0.0	0.0	0.0	6.7
21	18.6	31.5	23.4	74.0	.2	0.0	.2	8.0
22	16.4	31.2	23.2	69.7	0.0	0.0	0.0	8.1
23	17.4	29.5	20.9	77.3	15.4	17.4	32.8	4.2
24	15.5	27.9	21.8	76.0	.4	3.1	3.5	5.6
25	17.3	27.6	21.8	80.7	.9	51.3	52.2	4.4
26	17.0	24.1	20.2	82.3	2.6	.6	3.2	1.9
27	17.5	29.5	21.8	79.3	3.0	57.8	60.8	6.9
28	17.4	27.4	21.8	77.3	0.0	0.0	0.0	4.1
29	15.4	29.0	22.3	77.7	0.0	0.0	0.0	6.8
30	17.0	29.5	23.2	70.0	0.0	0.0	0.0	8.9
31								
Total :					66.8	141.3	208.1	179.3
Promedio :	17.2	29.4	22.9	72.9				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.1	24.0	64.3	0.0	0.0	0.0	8.4
2	17.2	29.9	24.1	65.3	0.0	0.0	0.0	9.4
3	17.5	31.1	23.6	71.3	0.0	0.0	0.0	7.3
4	16.3	31.0	24.5	66.0	0.0	0.0	0.0	7.7
5	18.4	31.3	23.8	71.7	0.0	0.0	0.0	6.3
6	17.8	29.4	23.8	69.3	0.0	1.9	1.9	5.0
7	18.9	28.4	21.8	79.0	.7	0.0	.7	1.9
8	16.9	29.5	22.6	76.3	0.0	0.0	0.0	6.6
9	17.0	29.6	23.9	70.3	0.0	0.0	0.0	8.1
10	17.6	31.5	23.8	72.0	0.0	16.7	16.7	9.1
11	17.0	26.6	20.5	80.3	2.4	0.0	2.4	0.0
12	16.0	28.5	22.2	74.0	0.0	0.0	0.0	7.9
13	17.9	30.2	24.3	65.7	0.0	0.0	0.0	7.3
14	17.5	30.1	23.2	73.3	0.0	0.0	0.0	6.5
15	18.5	28.2	21.9	81.7	0.0	0.0	0.0	4.1
16	18.4	29.5	23.1	78.3	.1	1.0	1.1	6.1
17	19.0	26.1	21.1	87.0	0.0	8.0	8.0	1.4
18	17.5	26.9	21.3	79.7	2.6	0.0	2.6	3.0
19	16.0	29.6	21.5	79.3	8.8	0.0	8.8	8.4
20	16.2	26.5	20.7	82.7	20.0	3.1	23.1	4.6
21	17.0	28.3	22.8	73.3	0.0	29.9	29.9	5.5
22	18.4	23.0	20.4	85.7	6.7	0.0	6.7	.1
23	16.0	28.5	20.8	74.3	23.0	14.2	37.2	5.3
24	17.5	27.3	20.9	83.0	3.5	.4	3.9	5.3
25	17.4	28.3	22.3	77.7	0.0	11.7	11.7	5.6
26	17.5	26.0	21.8	79.7	.7	40.0	40.7	2.8
27	17.4	23.0	20.1	85.0	.7	0.0	.7	1.7
28	16.6	27.6	20.5	78.7	1.8	.1	1.9	6.3
29	17.6	28.2	21.2	78.7	12.0	20.5	32.5	3.9
30	17.0	24.8	19.8	84.3	.5	0.0	.5	2.7
31	16.7	29.1	23.0	70.7	0.0	65.1	65.1	8.5
Total :					83.5	212.6	296.1	166.8
Promedio :	17.3	28.3	22.2	76.1				

Estación : VENECIA
Año : 2002

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4 ° 20 ' N
Longitud : 75 ° 50 ' W
Altitud : 1170 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	27.0	21.5	81.0	0.0	19.9	19.9	4.8
2	18.0	26.4	20.2	84.7	8.6	6.7	15.3	2.0
3	17.8	24.5	20.3	86.7	6.4	0.0	6.4	.3
4	15.3	27.2	20.9	77.7	0.0	11.8	11.8	8.3
5	16.7	27.8	21.0	79.3	0.0	17.1	17.1	7.8
6	17.5	26.6	21.7	77.3	0.0	2.1	2.1	2.9
7	18.0	24.6	20.9	83.0	0.0	4.0	4.0	.6
8	17.6	26.9	21.1	79.0	.1	0.0	.1	2.9
9	17.4	27.6	21.2	81.3	0.0	1.0	1.0	4.0
10	17.1	27.9	22.7	79.7	0.0	0.0	0.0	4.7
11	16.6	28.4	22.1	77.0	0.0	0.0	0.0	6.5
12	16.8	28.0	20.9	79.7	42.8	.1	42.9	4.3
13	16.7	26.0	21.2	80.7	0.0	32.5	32.5	2.0
14	17.3	26.6	21.0	80.3	0.0	0.0	0.0	1.5
15	16.3	29.2	23.2	78.0	0.0	0.0	0.0	7.2
16	18.5	28.9	23.3	76.3	0.0	0.0	0.0	7.2
17	19.0	28.0	22.5	79.7	0.0	0.0	0.0	2.9
18	17.7	28.5	22.2	76.0	0.0	0.0	0.0	6.3
19	17.9	28.6	22.4	74.7	0.0	0.0	0.0	5.3
20	16.3	29.4	22.8	73.7	0.0	0.0	0.0	9.6
21	17.6	29.6	22.4	78.0	.3	0.0	.3	6.4
22	18.0	30.1	23.7	73.3	0.0	0.0	0.0	7.0
23	18.1	29.6	22.7	78.7	0.0	0.0	0.0	7.6
24	17.4	28.1	23.2	69.7	0.0	0.0	0.0	5.4
25	16.5	30.2	23.0	76.0	0.0	0.0	0.0	8.2
26	16.6	30.7	24.0	71.3	0.0	0.0	0.0	8.2
27	18.2	31.1	24.4	71.3	0.0	0.0	0.0	7.6
28	18.4	31.0	24.0	74.3	0.0	0.0	0.0	7.3
29	19.4	27.1	22.7	76.7	0.0	0.0	0.0	.9
30	17.4	30.7	24.3	67.3	0.0	0.0	0.0	8.2
31								
Total :					58.2	95.2	153.4	157.9
Promedio :	17.5	28.2	22.2	77.4				

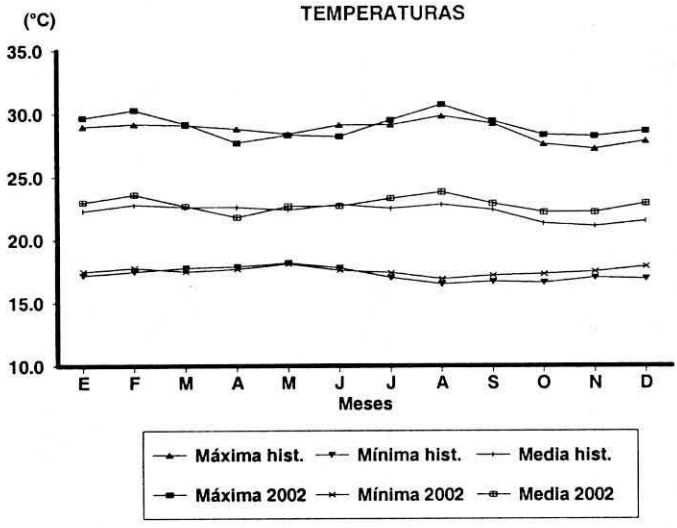
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.0	30.4	23.6	72.0	0.0	0.0	0.0	6.7
2	18.4	31.4	24.5	70.0	0.0	0.0	0.0	8.9
3	17.6	30.8	23.8	76.7	0.0	0.0	0.0	5.4
4	17.1	29.6	23.4	74.3	0.0	0.0	0.0	3.7
5	18.5	28.5	22.5	78.7	0.0	2.4	2.4	4.0
6	19.0	29.7	24.1	69.3	0.0	0.0	0.0	6.6
7	18.6	29.0	22.8	73.7	0.0	0.0	0.0	4.0
8	18.2	27.1	21.7	81.0	1.4	.1	1.5	1.4
9	18.5	29.5	23.0	75.7	0.0	0.0	0.0	7.0
10	17.4	30.7	24.4	70.0	0.0	1.2	1.2	8.4
11	19.3	28.8	23.6	75.3	0.0	0.0	0.0	4.6
12	19.1	30.5	24.6	69.0	0.0	8.1	8.1	7.9
13	19.0	29.9	24.5	71.3	0.0	31.0	31.0	5.0
14	19.5	25.6	22.4	84.3	.9	46.7	47.6	1.1
15	18.0	22.2	19.5	94.0	23.2	2.0	25.2	0.0
16	17.0	26.1	20.4	84.7	15.3	22.9	38.2	2.5
17	18.2	22.4	19.6	93.3	2.3	1.3	3.6	.1
18	17.5	25.4	21.4	80.0	0.0	0.0	0.0	6.7
19	17.0	30.0	22.6	78.0	0.0	0.0	0.0	1.5
20	17.5	26.9	21.1	83.0	2.6	.1	2.7	3.9
21	18.4	26.9	22.0	78.0	0.0	0.0	0.0	4.3
22	16.5	29.3	24.0	68.0	0.0	0.0	0.0	7.0
23	17.4	29.6	23.7	70.7	0.0	0.0	0.0	7.6
24	16.8	28.5	22.5	74.7	0.0	0.0	0.0	2.7
25	16.0	30.0	22.9	75.0	0.0	0.0	0.0	7.2
26	17.5	30.4	23.6	71.0	0.0	0.0	0.0	8.0
27	18.2	29.1	23.3	73.3	0.0	0.0	0.0	6.4
28	17.0	29.0	23.4	71.3	0.0	0.0	0.0	5.5
29	18.5	29.8	23.9	69.7	0.0	0.0	0.0	7.4
30	17.4	30.1	23.2	75.0	0.0	0.0	0.0	5.9
31	18.5	29.4	23.2	78.7	0.0	0.0		5.2
Total :					45.7	115.8	161.5	156.6
Promedio :	17.9	28.6	22.9	76.1				

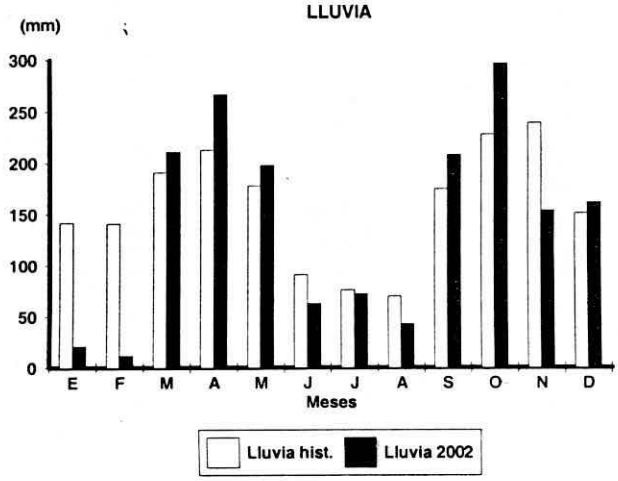
Estación : VENECIA
Año : 2002

Dpto. : VALLE
Mpio. : CAICEDONIA

Latitud : 4° 20 ' N
Longitud : 75° 50 ' W
Altitud : 1170 m

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACIÓN		Brillo Sol. (h)
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.		Total mm.	Días Lluvia	
Enero	17.5	29.7	23.0	32.3	15.7	71.8	20.7	5	206.6
Febrero	17.8	30.3	23.6	32.4	15.6	69.4	11.5	6	163.6
Marzo	17.5	29.2	22.7	32.9	15.0	73.7	211.1	15	162.0
Abril	17.7	27.7	21.8	30.3	15.6	79.4	266.6	23	134.0
Mayo	18.1	28.3	22.7	32.1	15.2	77.3	197.7	13	132.3
Junio	17.6	28.2	22.7	32.8	16.0	74.6	62.3	13	167.3
Julio	17.4	29.5	23.3	32.5	13.1	71.8	71.8	10	182.1
Agosto	16.9	30.7	23.8	33.9	14.5	65.9	42.8	5	203.3
Septiembre	17.2	29.4	22.9	32.5	15.4	72.9	208.1	12	179.3
Octubre	17.3	28.3	22.2	31.5	16.0	76.1	296.1	20	166.8
Noviembre	17.5	28.2	22.2	31.1	15.3	77.4	153.4	12	157.9
Diciembre	17.9	28.6	22.9	31.4	16.0	76.1	161.5	10	156.6
Promedio :	17.5	29.0	22.8			73.9			
Absoluta :				33.9	13.1				
Total :							1703.6	144	2011.8





Estación : LA SIRENA
Año : 2002

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	27.4	21.9	72.0	0.0	0.0	0.0	9.2
2	17.6	26.4	20.8	81.3	0.0	2.3	2.3	5.6
3	16.4	25.8	19.7	84.7	8.0	0.0	8.0	3.7
4	15.8	26.8	20.8	77.0	0.0	0.0	0.0	8.2
5	16.2	26.6	21.0	80.0	0.0	0.0	0.0	6.0
6	17.0	26.0	20.9	80.3	0.0	0.0	0.0	4.6
7	16.2	24.6	18.8	91.7	2.4	2.0	4.4	2.6
8	15.2	24.2	18.8	86.3	0.0	0.0	0.0	4.4
9	16.8	25.8	20.0	80.0	0.0	0.0	0.0	5.2
10	15.8	26.4	20.4	80.0	0.0	0.0	0.0	6.4
11	16.8	26.8	20.2	80.3	0.0	0.0	0.0	5.6
12	16.4	25.6	20.6	80.7	0.0	0.0	0.0	5.4
13	16.8	23.4	19.1	88.0	.4	0.0	.4	1.2
14	15.8	25.4	19.9	80.3	0.0	0.0	0.0	3.2
15	16.0	26.7	21.0	80.0	0.0	0.0	0.0	5.4
16	16.6	26.4	21.4	74.7	0.0	0.0	0.0	5.6
17	16.4	26.8	20.4	77.7	0.0	0.0	0.0	5.8
18	16.2	26.0	21.2	76.7	0.0	0.0	0.0	5.8
19	16.6	26.6	20.5	81.0	0.0	0.0	0.0	5.2
20	15.5	27.0	18.7	81.0	13.6	0.0	13.6	5.0
21	15.7	25.8	20.3	79.0	0.0	0.0	0.0	4.5
22	16.4	27.4	20.9	80.0	0.0	0.0	0.0	6.9
23	17.0	27.8	21.4	80.3	0.0	0.0	0.0	5.9
24	17.3	26.6	21.3	81.0	0.0	0.0	0.0	2.7
25	17.2	26.0	21.5	81.7	0.0	0.0	0.0	3.3
26	17.4	26.4	21.5	82.0	0.0	0.0	0.0	3.6
27	18.3	27.8	23.2	67.0	0.0	0.0	0.0	6.1
28	16.8	28.4	22.2	75.0	0.0	0.0	0.0	6.0
29	17.8	28.2	21.8	79.3	0.0	0.0	0.0	6.8
30	18.2	25.4	20.6	88.0	0.0	0.0	0.0	2.1
31	17.8	23.4	20.4	90.3	0.0	0.0	0.0	.4
Total :					24.4	4.3	28.7	152.4
Promedio :	16.7	26.3	20.7	80.6				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	27.6	22.2	74.7	0.0	0.0	0.0	5.3
2	16.8	29.0	22.0	78.7	2.3	0.0	2.3	6.3
3	16.7	25.4	19.2	87.0	2.0	0.0	2.0	1.2
4	15.4	23.0	19.1	89.0	0.0	0.0	0.0	.7
5	16.2	27.5	20.8	77.7	0.0	0.0	0.0	6.9
6	16.6	27.2	20.6	72.0	0.0	0.0	0.0	5.5
7	16.2	27.0	20.9	73.3	0.0	0.0	0.0	5.8
8	16.2	25.8	20.8	73.7	0.0	1.6	1.6	3.1
9	16.4	25.2	20.4	81.7	0.0	.8	.8	5.7
10	16.6	25.8	20.8	79.7	0.0	0.0	0.0	4.8
11	16.8	27.4	21.6	74.0	0.0	0.0	0.0	5.0
12	16.4	27.5	20.7	82.7	9.9	0.0	9.9	5.6
13	16.7	26.6	20.8	83.3	0.0	0.0	0.0	4.1
14	16.6	27.2	20.1	79.0	24.4	0.0	24.4	6.0
15	16.2	26.0	20.7	80.3	0.0	0.0	0.0	5.5
16	16.4	27.4	20.5	73.0	0.0	0.0	0.0	6.5
17	17.6	27.8	21.8	77.0	0.0	0.0	0.0	6.1
18	16.6	27.4	21.4	80.0	0.0	0.0	0.0	5.7
19	17.4	26.4	21.5	77.3	0.0	0.0	0.0	3.6
20	16.8	27.6	21.5	75.3	0.0	0.0	0.0	4.9
21	17.0	28.2	21.4	77.7	2.0	0.0	2.0	5.4
22	17.8	25.0	20.8	82.0	0.0	0.0	0.0	1.6
23	17.2	26.4	21.8	75.0	0.0	0.0	0.0	2.5
24	16.8	29.4	22.4	75.0	0.0	0.0	0.0	8.6
25	17.2	28.8	21.9	74.3	0.0	0.0	0.0	6.6
26	17.4	26.4	21.2	80.3	0.0	.4	.4	2.3
27	17.7	24.8	20.9	85.3	.3	1.6	1.9	1.2
28	16.8	26.4	21.5	77.0	0.0	0.0	0.0	2.8
29								
30								
31								
Total :					40.9	4.4	45.3	129.3
Promedio :	16.8	26.8	21.0	78.4				

Estación : LA SIRENA
Año : 2002

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	29.2	22.9	73.3	0.0	0.0	0.0	5.0
2	16.8	28.4	22.6	70.3	3.8	2.3	6.1	7.9
3	17.4	28.2	21.7	75.0	0.0	0.0	0.0	7.2
4	17.9	26.0	20.4	79.3	7.5	.4	7.9	3.9
5	16.8	23.8	19.4	86.3	0.0	0.0	0.0	3.6
6	16.4	25.2	20.5	77.0	.3	0.0	.3	3.6
7	16.0	27.0	20.3	82.0	0.0	0.0	0.0	3.6
8	17.4	26.8	20.8	81.7	0.0	0.0	0.0	4.0
9	17.2	27.8	20.8	79.0	0.0	0.0	0.0	5.2
10	16.2	27.2	20.9	73.7	0.0	0.0	0.0	7.1
11	16.4	25.4	20.8	77.7	0.0	.2	.2	3.4
12	17.4	24.5	21.2	76.7	0.0	0.0	0.0	.8
13	17.2	27.2	21.7	72.7	.8	30.1	30.9	3.0
14	15.8	25.0	19.7	72.3	0.0	0.0	0.0	4.3
15	16.2	24.9	19.4	87.3	0.0	0.0	0.0	2.0
16	15.8	26.4	21.2	80.3	0.0	3.8	3.8	2.8
17	15.6	22.4	18.9	91.7	.5	0.0	.5	0.0
18	16.6	26.6	21.2	76.7	.4	18.8	19.2	2.6
19	15.4	21.4	18.2	90.0	3.5	.9	4.4	0.0
20	15.8	25.4	21.0	76.7	0.0	41.7	41.7	1.9
21	15.6	20.6	18.0	95.3	3.0	0.0	3.0	0.0
22	16.9	24.8	20.0	84.7	0.0	0.0	0.0	3.5
23	16.8	25.0	20.3	84.3	0.0	0.0	0.0	4.6
24	17.1	26.8	21.3	78.0	.1	2.2	2.3	1.5
25	16.2	26.6	21.3	77.3	0.0	0.0	0.0	5.0
26	16.0	27.2	21.0	81.3	0.0	0.0	0.0	4.0
27	17.4	24.8	20.7	86.0	4.9	2.4	7.3	2.4
28	16.9	23.2	18.8	91.7	2.9	2.6	5.5	1.7
29	16.5	26.4	19.8	83.0	3.5	0.0	3.5	4.7
30	15.6	27.6	22.8	68.7	0.0	0.0	0.0	8.9
31	18.6	27.2	22.6	78.3	0.0	0.0	0.0	5.7
Total :					31.2	105.4	136.6	113.9
Promedio :	16.6	25.8	20.7	80.3				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.4	27.2	20.4	91.0	24.4	21.2	45.6	4.1
2	16.0	22.9	19.6	84.0	10.7	0.0	10.7	0.0
3	15.2	25.4	20.0	83.0	1.7	.8	2.5	4.9
4	16.8	25.6	20.1	87.0	5.6	0.0	5.6	4.0
5	16.0	25.8	19.2	87.7	.7	.3	1.0	3.9
6	15.0	26.4	20.6	84.7	0.0	27.1	27.1	6.5
7	15.8	20.8	18.1	90.7	10.0	.2	10.2	.3
8	15.8	26.4	18.8	86.0	28.1	30.2	58.3	4.1
9	14.4	24.8	20.2	75.0	0.0	19.5	19.5	3.7
10	15.2	25.2	19.1	80.0	1.8	0.0	1.8	4.0
11	15.8	26.4	18.7	74.7	0.0	0.0	0.0	9.3
12	16.2	25.3	20.2	77.7	0.0	18.4	18.4	6.3
13	14.8	25.0	19.6	77.0	7.2	0.0	7.2	5.2
14	15.6	25.8	21.4	70.7	0.0	0.0	0.0	4.1
15	15.9	26.8	20.4	84.0	1.5	0.0	1.5	0.0
16	16.9	26.4	21.2	72.0	21.2	0.0	21.2	1.9
17	17.6	25.4	20.8	82.7	0.0	2.4	2.4	2.3
18	16.4	21.4	17.4	94.0	31.0	.1	31.1	1.6
19	15.4	24.0	20.5	79.7	0.0	32.3	32.3	3.4
20	16.9	24.4	20.5	82.0	9.7	.3	10.0	.2
21	17.3	25.6	20.5	85.3	1.5	.3	1.8	4.3
22	17.6	25.2	21.2	87.3	0.0	3.8	3.8	1.5
23	17.4	26.8	21.2	82.0	0.0	21.1	21.1	5.8
24	15.8	24.4	20.0	87.3	3.6	51.1	54.7	2.5
25	15.4	19.8	17.9	94.3	2.4	1.7	4.1	0.0
26	15.6	23.0	19.7	89.3	.2	6.8	7.0	1.0
27	15.8	22.8	18.0	93.0	7.7	1.5	9.2	1.7
28	15.6	27.2	19.4	85.0	0.0	4.8	4.8	6.1
29	15.8	24.4	19.7	83.0	.7	0.0	.7	3.7
30	16.6	23.4	19.0	93.0	6.5	0.0	6.5	1.3
31								
Total :					176.2	243.9	420.1	97.7
Promedio :	16.1	24.8	19.8	84.1				

Estación : LA SIRENA
Año : 2002

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.9	25.4	21.1	78.3	0.0	0.0	0.0	5.2
2	17.2	27.0	22.0	80.3	0.0	3.4	3.4	5.2
3	17.8	26.4	21.1	80.7	0.0	0.0	0.0	3.0
4	16.4	27.8	22.0	77.7	0.0	0.0	0.0	7.0
5	18.2	28.2	22.2	79.3	0.0	0.0	0.0	7.2
6	18.0	27.6	22.2	78.7	0.0	0.0	0.0	8.1
7	17.8	26.8	22.0	79.7	0.0	0.0	0.0	6.9
8	17.4	26.4	21.7	83.0	0.0	0.0	0.0	1.8
9	18.4	27.8	22.0	83.0	.2	0.0	.2	5.8
10	17.4	28.0	22.5	75.3	0.0	.6	.6	4.6
11	18.9	25.4	21.3	85.0	.5	0.0	.5	1.3
12	18.3	28.2	22.9	79.3	0.0	0.0	0.0	8.5
13	18.7	25.8	22.4	73.7	0.0	0.0	0.0	2.1
14	17.6	25.2	21.2	85.7	0.0	0.0	0.0	.8
15	18.2	26.4	21.5	85.3	0.0	0.0	0.0	3.0
16	17.4	25.6	21.5	79.7	0.0	1.8	1.8	2.4
17	17.8	23.2	19.7	88.3	.2	0.0	.2	.8
18	16.0	23.4	20.4	87.0	.4	2.4	2.8	1.2
19	16.2	24.0	19.3	85.3	1.8	.3	2.1	1.6
20	16.8	24.4	20.7	82.0	.8	33.9	34.7	3.8
21	15.4	21.8	19.2	83.7	0.0	0.0	0.0	.4
22	17.0	24.6	19.6	88.3	5.7	0.0	5.7	1.6
23	16.9	25.4	20.3	84.0	0.0	1.4	1.4	3.0
24	15.8	27.0	21.2	80.7	0.0	8.3	8.3	8.3
25	14.6	18.8	16.4	93.0	32.7	0.0	32.7	0.0
26	13.8	22.8	18.7	83.3	0.0	0.0	0.0	4.3
27	16.9	25.8	20.6	79.7	0.0	12.4	12.4	3.0
28	13.4	21.4	17.4	86.7	.3	0.0	.3	2.2
29	15.4	25.2	20.2	75.3	0.0	.3	.3	5.0
30	16.6	24.4	20.2	77.0	2.1	0.0	2.1	2.5
31	16.5	19.6	17.5	95.7	2.2	0.0	2.2	0.0
Total					46.9	64.8	111.7	110.6
Promedio :	16.9	25.2	20.7	82.4				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.6	24.4	19.8	84.3	.5	23.2	23.7	3.0
2	15.0	25.1	19.7	77.7	.4	0.0	.4	6.0
3	17.6	23.6	19.3	87.7	28.5	0.0	28.5	1.1
4	14.8	21.4	18.0	95.3	1.0	0.0	1.0	.7
5	15.0	22.4	18.3	89.3	9.0	22.5	31.5	1.7
6	14.6	22.6	19.6	81.3	.2	4.6	4.8	.9
7	14.4	22.4	17.9	84.3	.5	.1	.6	4.5
8	15.9	25.8	20.4	77.7	.9	9.2	10.1	6.5
9	15.2	22.5	18.4	91.0	1.3	0.0	1.3	2.3
10	15.0	24.8	20.9	80.7	0.0	.2	.2	2.7
11	16.8	24.6	19.6	89.0	1.9	0.0	1.9	3.3
12	16.2	26.4	21.4	74.0	0.0	0.0	0.0	7.6
13	16.9	23.8	19.5	86.0	1.6	0.0	1.6	1.0
14	16.5	25.0	19.9	82.3	0.0	.5	.5	6.1
15	15.8	25.2	20.7	79.7	0.0	0.0	0.0	4.7
16	16.8	26.4	21.4	77.3	0.0	3.0	3.0	8.5
17	17.4	24.5	20.2	84.7	0.0	0.0	0.0	3.1
18	15.8	26.2	21.2	84.3	0.0	0.0	0.0	5.4
19	17.5	27.8	22.4	74.7	0.0	0.0	0.0	8.5
20	18.0	25.6	21.4	80.0	.4	0.0	.4	4.9
21	16.6	26.2	21.5	72.7	0.0	0.0	0.0	6.3
22	17.5	25.0	21.7	73.7	0.0	0.0	0.0	1.8
23	16.8	27.2	21.1	70.7	0.0	0.0	0.0	5.9
24	17.7	27.0	21.9	75.7	0.0	0.0	0.0	5.7
25	17.4	27.2	23.0	68.7	0.0	0.0	0.0	7.5
26	16.8	27.8	22.4	72.0	0.0	0.0	0.0	6.5
27	17.6	26.4	22.5	77.7	0.0	0.0	0.0	2.8
28	17.8	26.8	22.2	81.7	0.0	0.0	0.0	3.1
29	17.6	26.8	21.7	83.7	0.0	0.0	0.0	3.0
30	17.5	29.6	23.3	75.3	0.0	0.0	0.0	9.4
31								
Total					46.2	63.3	109.5	134.5
Promedio	16.4	25.4	20.7	80.4				

Estación : LA SIRENA
Año : 2002

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	26.6	22.9	72.3	0.0	0.0	0.0	3.6
2	17.7	28.1	22.5	76.0	0.0	0.0	0.0	5.6
3	17.9	28.4	23.8	71.0	0.0	0.0	0.0	8.8
4	18.5	28.2	22.8	77.7	0.0	13.2	13.2	4.7
5	16.7	22.4	18.1	92.7	47.3	31.5	78.8	.2
6	16.0	24.3	19.8	81.7	0.0	0.0	0.0	5.3
7	16.3	26.8	21.4	78.3	0.0	0.0	0.0	6.5
8	17.4	27.8	22.2	78.0	0.0	0.0	0.0	7.7
9	18.2	27.0	23.0	73.0	0.0	0.0	0.0	4.1
10	17.7	25.6	20.7	83.3	.3	0.0	.3	1.2
11	16.9	24.6	20.5	87.7	0.0	0.0	0.0	3.7
12	16.8	29.0	23.0	64.7	0.0	0.0	0.0	8.1
13	17.0	29.2	23.1	61.0	0.0	0.0	0.0	9.3
14	16.9	27.0	22.3	69.0	.4	0.0	.4	7.0
15	17.8	25.4	20.5	86.7	0.0	0.0	0.0	3.6
16	16.4	26.0	21.2	85.0	0.0	0.0	0.0	3.4
17	17.9	25.8	20.7	86.7	1.9	4.5	6.4	4.0
18	16.8	23.4	19.5	84.7	0.0	0.0	0.0	1.2
19	17.5	25.3	21.1	79.3	0.0	0.0	0.0	2.9
20	17.0	24.2	20.4	80.0	.5	.8	1.3	2.1
21	16.4	23.1	19.9	79.0	3.7	0.0	3.7	.6
22	16.5	26.0	21.1	79.3	0.0	0.0	0.0	5.2
23	17.0	26.2	21.4	79.7	0.0	0.0	0.0	5.2
24	16.9	25.8	21.1	79.7	0.0	.2	.2	3.6
25	17.5	25.4	21.5	76.7	.7	.3	1.0	4.8
26	16.0	28.3	22.0	70.0	0.0	0.0	0.0	8.6
27	16.6	25.8	21.3	78.7	0.0	0.0	0.0	4.6
28	16.5	25.5	21.1	76.0	0.0	0.0	0.0	5.8
29	17.4	28.0	22.0	71.7	0.0	0.0	0.0	9.2
30	16.4	28.2	21.8	65.0	.5	0.0	.5	8.5
31	16.5	24.8	19.6	83.0	0.0	0.0	0.0	3.1
Total :					55.3	50.5	105.8	152.2
Promedio :	17.1	26.2	21.4	77.7				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.8	26.8	21.9	70.0	0.0	0.0	0.0	6.7
2	15.7	27.6	21.4	73.0	0.0	0.0	0.0	8.7
3	16.5	26.0	21.1	79.0	0.0	0.0	0.0	4.1
4	15.4	27.4	21.3	76.0	0.0	0.0	0.0	7.2
5	16.5	29.4	22.8	64.0	0.0	0.0	0.0	8.2
6	16.6	27.8	22.2	68.3	0.0	0.0	0.0	7.0
7	17.2	27.4	21.6	79.3	0.0	0.0	0.0	4.6
8	16.8	27.8	21.0	79.0	0.0	0.0	0.0	4.2
9	16.9	26.4	21.4	76.7	0.0	0.0	0.0	4.0
10	17.0	27.8	22.1	65.7	0.0	0.0	0.0	9.0
11	17.8	27.0	22.6	62.7	0.0	0.0	0.0	5.7
12	16.8	28.8	21.7	73.3	0.0	0.0	0.0	8.1
13	17.6	28.6	22.8	72.7	0.0	0.0	0.0	5.0
14	16.9	28.2	22.8	75.3	0.0	0.0	0.0	5.8
15	17.8	29.8	24.1	57.7	0.0	0.0	0.0	8.3
16	18.7	28.6	23.8	57.7	0.0	0.0	0.0	5.3
17	16.5	29.3	23.3	58.0	0.0	0.0	0.0	8.7
18	17.8	28.6	22.3	70.7	0.0	0.0	0.0	6.4
19	17.0	25.6	21.7	75.7	0.0	0.0	0.0	3.2
20	17.8	28.8	22.0	76.0	0.0	0.0	0.0	6.6
21	16.8	30.0	22.7	70.0	0.0	0.0	0.0	8.8
22	17.0	28.4	22.5	73.3	0.0	0.0	0.0	6.3
23	17.5	28.6	22.6	73.0	0.0	0.0	0.0	5.2
24	17.0	29.3	22.9	73.3	0.0	0.0	0.0	8.8
25	17.8	28.2	21.2	82.0	3.2	0.0	3.2	7.3
26	17.4	26.4	20.0	88.0	2.2	11.0	13.2	2.3
27	16.2	23.8	19.4	86.3	3.9	0.0	3.9	.8
28	17.2	26.8	20.6	78.7	9.1	22.0	31.1	4.9
29	16.2	21.4	18.0	92.7	9.5	0.0	9.5	0.0
30	15.5	26.6	21.2	74.7	0.0	0.0	0.0	6.5
31	17.4	28.3	21.5	76.7	0.0	0.0	0.0	6.7
Total :					27.9	33.0	60.9	184.4
Promedio :	16.9	27.6	21.8	73.5				

Estación : LA SIRENA
Año : 2002

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Septiembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.8	25.0	19.5	85.7	0.0	0.0	0.0	6.0
2	15.5	24.4	19.9	86.3	3.0	.2	3.2	3.9
3	16.9	27.2	21.7	75.0	0.0	.9	.9	7.3
4	17.0	28.4	21.5	75.7	0.0	0.0	0.0	8.5
5	16.8	28.2	22.6	72.3	0.0	0.0	0.0	7.0
6	17.5	27.0	22.0	76.0	0.0	0.0	0.0	6.9
7	17.4	29.0	22.8	69.0	0.0	0.0	0.0	6.7
8	17.0	28.8	21.9	66.0	0.0	0.0	0.0	9.3
9	16.8	26.8	21.4	77.3	0.0	0.0	0.0	5.5
10	17.4	25.0	20.7	80.3	0.0	0.0	0.0	2.9
11	17.2	26.5	20.3	81.7	0.0	0.0	0.0	6.5
12	16.4	28.4	21.8	75.3	0.0	0.0	0.0	8.6
13	16.8	28.0	22.3	74.7	0.0	0.0	0.0	7.9
14	17.4	25.9	21.3	83.0	0.0	0.0	0.0	2.1
15	17.8	27.5	21.1	82.7	6.3	.1	6.4	3.5
16	17.6	25.4	21.2	79.0	0.0	0.0	0.0	2.4
17	16.5	25.6	20.7	78.0	.4	0.0	.4	1.1
18	15.9	23.2	19.8	77.0	40.3	.5	40.8	1.1
19	17.0	25.6	20.0	77.0	1.6	0.0	1.6	2.7
20	17.3	26.6	22.1	75.7	0.0	0.0	0.0	4.2
21	17.4	28.3	21.8	75.0	.7	0.0	.7	8.6
22	16.8	28.6	22.1	73.3	0.0	0.0	0.0	6.8
23	17.4	27.6	19.6	83.0	14.2	3.9	18.1	3.2
24	15.6	25.4	20.1	80.0	0.0	4.3	4.3	4.4
25	16.2	23.8	19.8	82.0	6.8	49.2	56.0	2.2
26	15.2	22.3	18.4	84.7	1.6	.3	1.9	1.4
27	16.2	26.4	19.6	86.3	1.6	29.1	30.7	6.0
28	15.4	24.4	19.6	81.3	3.3	0.0	3.3	3.9
29	16.0	26.4	21.3	75.0	0.0	0.0	0.0	5.9
30	16.4	27.6	21.9	73.7	0.0	0.0	0.0	7.6
31								
Total :					79.8	88.5	168.3	154.1
Promedio :	16.8	26.4	21.0	78.1				

Octubre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.6	27.8	21.8	73.3	0.0	0.0	0.0	5.8
2	17.2	27.6	22.6	68.3	0.0	0.0	0.0	7.5
3	17.6	28.0	22.0	73.0	0.0	0.0	0.0	7.6
4	16.6	27.8	21.7	78.7	0.0	0.0	0.0	6.5
5	18.0	26.4	21.9	79.3	0.0	0.0	0.0	3.0
6	16.6	26.8	20.2	81.3	8.9	0.0	8.9	4.1
7	17.0	26.2	19.2	88.7	18.4	0.0	18.4	3.0
8	15.9	26.6	20.3	84.0	0.0	0.0	0.0	6.4
9	16.6	27.0	21.6	77.7	.2	0.0	.2	4.3
10	17.4	28.6	22.0	76.7	0.0	18.5	18.5	6.7
11	15.0	23.2	18.0	85.7	1.4	0.0	1.4	2.3
12	16.2	25.4	19.0	86.0	.2	0.0	.2	4.9
13	17.4	27.2	21.0	74.3	0.0	0.0	0.0	7.2
14	17.0	27.8	21.6	71.3	0.0	0.0	0.0	6.6
15	17.4	25.0	20.2	84.0	1.5	0.0	1.5	2.4
16	17.2	25.8	20.8	83.0	4.6	.4	5.0	4.6
17	16.8	24.0	19.8	87.0	4.3	6.5	10.8	2.0
18	15.4	23.8	19.0	86.7	.2	0.0	.2	2.7
19	16.6	25.0	19.6	82.0	0.0	0.0	0.0	5.4
20	15.8	23.4	18.7	91.3	10.0	3.2	13.2	1.8
21	15.6	25.2	20.3	82.3	0.0	16.5	16.5	3.4
22	16.8	20.8	18.2	95.3	7.2	0.0	7.2	0.0
23	15.6	25.4	19.1	85.3	3.8	8.3	12.1	3.2
24	15.8	24.2	19.4	89.0	.4	.6	1.0	3.2
25	16.0	25.0	20.3	80.0	0.0	18.5	18.5	3.1
26	16.2	22.8	18.8	85.0	37.7	55.1	92.8	2.3
27	15.4	21.6	18.2	84.0	0.0	0.0	0.0	2.9
28	16.2	24.4	18.8	82.0	1.9	1.6	3.5	3.7
29	15.8	24.2	18.7	85.7	50.5	42.9	93.4	2.6
30	15.2	21.8	18.0	89.7	.5	0.0	.5	1.2
31	15.8	25.0	20.2	78.7	.3	30.6	30.9	4.9
Total :					152.0	202.7	354.7	125.3
Promedio :	16.4	25.3	20.0	82.2				

Estación : LA SIRENA
Año : 2002

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	25.4	19.1	84.7	4.6	8.9	13.5	3.5
2	16.4	22.6	18.4	88.7	27.9	3.5	31.4	0.0
3	16.2	20.3	17.7	88.3	5.3	0.0	5.3	0.0
4	14.6	25.0	20.0	78.3	0.0	4.4	4.4	5.7
5	15.0	25.6	19.4	79.0	0.0	47.3	47.3	4.7
6	15.4	23.2	19.4	78.0	.4	1.6	2.0	1.0
7	16.0	22.4	18.7	88.3	4.3	27.0	31.3	.1
8	15.2	22.8	18.2	88.3	.9	2.5	3.4	1.0
9	15.8	23.9	19.5	83.3	0.0	0.0	0.0	3.1
10	16.2	24.6	20.5	79.7	0.0	0.0	0.0	3.6
11	16.8	25.6	20.8	76.7	0.0	0.0	0.0	4.8
12	16.6	25.4	19.2	83.7	2.8	0.0	2.8	2.8
13	15.8	23.8	19.8	84.0	0.0	14.1	14.1	1.0
14	15.6	24.8	19.6	85.0	0.0	0.0	0.0	1.6
15	16.8	26.4	21.3	82.3	0.0	0.0	0.0	3.9
16	17.4	26.0	21.4	81.7	0.0	0.0	0.0	5.9
17	17.9	25.0	21.2	79.0	0.0	0.0	0.0	3.6
18	16.6	24.8	20.4	75.0	2.2	0.0	2.2	3.0
19	16.4	25.0	20.2	83.7	0.0	0.0	0.0	3.8
20	16.8	26.8	21.1	80.0	0.0	0.0	0.0	5.9
21	17.0	26.4	21.5	81.7	0.0	0.0	0.0	4.5
22	17.4	26.0	21.3	82.3	0.0	0.0	0.0	5.5
23	17.0	27.4	21.0	83.0	0.0	0.0	0.0	6.4
24	16.8	24.8	20.9	78.0	0.0	0.0	0.0	4.6
25	17.0	27.8	21.4	80.7	0.0	0.0	0.0	7.0
26	17.2	26.8	22.2	79.7	0.0	0.0	0.0	4.5
27	17.6	28.0	22.4	80.3	0.0	0.0	0.0	6.6
28	17.8	28.4	22.0	80.7	2.0	0.0	2.0	7.0
29	18.0	25.2	20.6	88.7	0.0	0.0	0.0	1.2
30	17.0	27.5	21.5	81.0	0.0	0.0	0.0	5.7
31								
Total :					50.4	109.3	159.7	112.0
Promedio :	16.5	25.3	20.4	82.1				

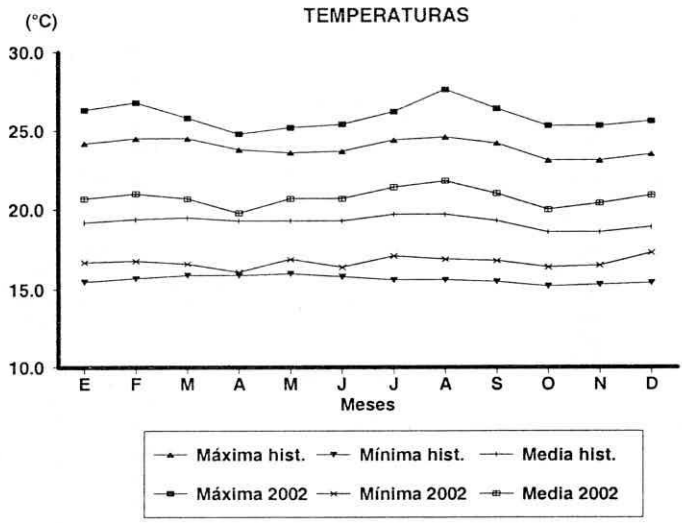
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.6	22.6	80.3	0.0	0.0	0.0	4.3
2	18.0	26.8	22.3	76.0	0.0	0.0	0.0	4.4
3	18.5	27.4	22.0	81.3	0.0	0.0	0.0	5.3
4	17.4	26.8	21.4	82.0	6.6	0.0	6.6	3.9
5	17.5	26.2	21.0	83.7	0.0	4.3	4.3	3.0
6	17.0	26.6	21.8	81.7	.4	.1	.5	5.6
7	17.8	25.6	21.0	83.0	.6	0.0	.6	3.3
8	16.8	25.6	19.9	87.0	0.0	.4	.4	1.1
9	17.0	26.6	20.5	82.7	0.0	0.0	0.0	5.5
10	16.7	27.8	21.8	79.0	0.0	1.4	1.4	7.2
11	18.0	26.0	21.4	81.3	0.0	0.0	0.0	1.7
12	18.1	26.4	21.8	79.7	0.0	16.4	16.4	2.3
13	18.0	27.4	22.0	81.3	0.0	24.6	24.6	6.2
14	17.8	23.6	20.1	94.0	3.2	15.9	19.1	.8
15	16.7	19.6	17.7	95.0	20.2	2.1	22.3	0.0
16	15.5	21.4	18.2	89.7	12.8	32.9	45.7	.5
17	16.1	19.8	17.6	95.3	9.3	1.2	10.5	0.0
18	16.0	23.2	19.5	85.0	0.0	0.0	0.0	1.6
19	17.5	27.2	21.0	82.3	0.0	0.0	0.0	3.9
20	17.0	24.0	19.4	89.0	22.7	.8	23.5	2.6
21	16.5	24.8	19.9	84.0	0.0	0.0	0.0	3.4
22	16.9	26.6	21.2	77.0	0.0	0.0	0.0	5.2
23	17.0	26.4	21.6	79.0	0.0	0.0	0.0	6.3
24	17.3	25.6	20.9	76.0	0.0	0.0	0.0	2.6
25	17.0	26.8	21.9	78.0	0.0	0.0	0.0	5.7
26	17.5	27.0	21.6	79.3	0.0	0.0	0.0	4.7
27	17.9	26.4	21.9	76.7	0.0	0.0	0.0	3.9
28	17.0	26.2	21.0	79.0	0.0	0.0	0.0	2.7
29	18.0	27.0	21.6	81.0	0.0	0.0	0.0	3.3
30	17.6	26.2	21.4	82.0	0.0	0.0	0.0	4.0
31	17.8	25.4	21.8	81.0	0.0	0.0		1.8
Total :					75.8	100.1	175.9	106.8
Promedio :	17.3	25.6	20.9	82.7				

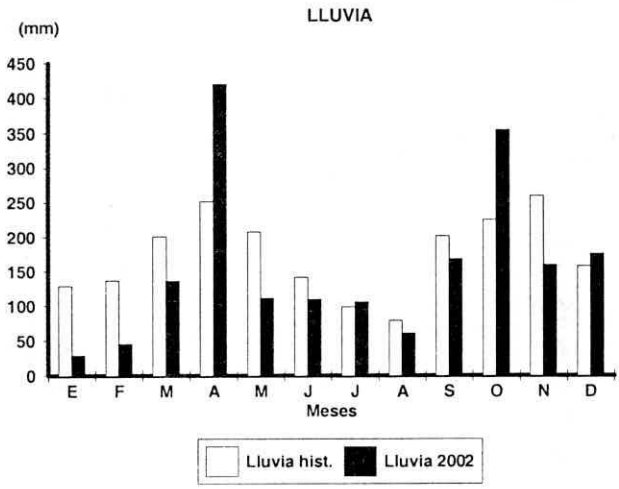
Estación : LA SIRENA
Año : 2002

Dpto. : VALLE
Mpio. : SEVILLA

Latitud : 4 ° 17 ' N
Longitud : 75 ° 55 ' W
Altitud : 1540 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.7	26.3	20.7	28.4	15.2	80.6	28.7	5	152.4
Febrero	16.8	26.8	21.0	29.4	15.4	78.4	45.3	9	129.3
Marzo	16.6	25.8	20.7	29.2	15.4	80.3	136.6	15	113.9
Abril	16.1	24.8	19.8	27.2	14.4	84.1	420.1	28	97.7
Mayo	16.9	25.2	20.7	28.2	13.4	82.4	111.7	18	110.6
Junio	16.4	25.4	20.7	29.6	14.4	80.4	109.5	15	134.5
Julio	17.1	26.2	21.4	29.2	16.0	77.7	105.8	10	152.2
Agosto	16.9	27.6	21.8	30.0	14.8	73.5	60.9	5	184.4
Septiembre	16.8	26.4	21.0	29.0	15.2	78.1	168.3	13	154.1
Octubre	16.4	25.3	20.0	28.6	15.0	82.2	354.7	21	125.3
Noviembre	16.5	25.3	20.4	28.4	14.6	82.1	159.7	12	112.0
Diciembre	17.3	25.6	20.9	28.6	15.5	82.7	175.9	13	106.8
Promedio :	16.7	25.9	20.8			80.2			
Absoluta :				30.0	13.4				
Total :							1877.2	164	1573.2





Estación : MANUEL M. MALLARINO Dpto. : VALLE Latitud : 4 ° 13 ' N
Año : 2002 Mpio. : TRUJILLO Longitud : 76 ° 19 ' W
Altitud : 1380 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	28.6	21.6	71.3	0.0	0.0	0.0	6.7
2	17.5	27.2	21.2	72.3	0.0	0.0	0.0	4.8
3	17.2	26.8	21.0	68.3	0.0	0.0	0.0	3.1
4	15.0	28.0	20.2	73.3	0.0	0.0	0.0	7.3
5	16.0	27.5	21.2	72.0	0.0	0.0	0.0	6.7
6	15.5	28.5	21.6	71.0	0.0	0.0	0.0	8.1
7	17.3	26.4	19.8	80.7	9.5	2.6	12.1	2.4
8	16.0	26.2	19.7	75.7	0.0	0.0	0.0	2.9
9	15.8	25.4	19.8	71.3	0.0	0.0	0.0	3.1
10	14.5	27.4	20.6	69.7	0.0	0.0	0.0	9.2
11	16.0	28.2	21.2	67.3	0.0	0.0	0.0	7.0
12	15.5	27.5	21.2	67.3	0.0	0.0	0.0	7.0
13	16.8	24.0	20.1	77.0	4.2	0.0	4.2	.4
14	15.0	26.2	19.2	75.3	0.0	0.0	0.0	6.2
15	15.3	27.6	21.0	71.0	0.0	0.0	0.0	8.8
16	16.0	27.8	20.8	68.3	0.0	0.0	0.0	5.7
17	15.5	28.4	20.6	67.7	0.0	0.0	0.0	8.0
18	16.5	28.0	21.0	68.0	0.0	0.0	0.0	9.3
19	16.0	28.5	21.8	67.7	0.0	0.0	0.0	6.8
20	17.3	27.8	22.1	67.7	0.0	0.0	0.0	4.1
21	16.5	28.0	21.4	66.3	0.0	0.0	0.0	5.6
22	16.0	28.4	21.2	68.3	0.0	0.0	0.0	7.3
23	15.6	29.0	21.6	69.7	0.0	0.0	0.0	8.1
24	16.3	28.0	21.8	71.3	0.0	0.0	0.0	2.2
25	16.7	27.2	21.9	70.7	0.0	0.0	0.0	1.2
26	16.2	28.5	22.7	69.0	0.0	0.0	0.0	4.2
27	18.0	29.8	22.6	64.7	0.0	0.0	0.0	6.0
28	16.0	29.4	22.0	70.0	0.0	0.0	0.0	7.9
29	16.5	28.4	22.4	64.7	0.0	9.9	9.9	5.8
30	18.3	25.8	20.2	85.7	1.2	0.0	1.2	1.9
31	17.0	24.6	20.5	82.0	0.0	0.0	0.0	.5
Total :					14.9	12.5	27.4	168.3
Promedio :	16.3	27.5	21.1	71.1				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	28.2	22.3	69.3	0.0	0.0	0.0	7.3
2	17.0	30.2	22.9	68.0	0.0	2.2	2.2	8.2
3	17.2	25.0	20.2	81.3	15.9	0.0	15.9	.3
4	16.5	22.0	18.6	88.3	.1	0.0	.1	0.0
5	14.3	28.0	21.1	65.3	0.0	0.0	0.0	7.6
6	16.0	28.4	21.0	63.3	0.0	0.0	0.0	6.3
7	15.0	26.0	20.5	67.0	.6	0.0	.6	4.2
8	14.5	28.0	20.4	64.7	0.0	0.0	0.0	8.5
9	16.0	28.5	21.4	64.7	0.0	46.3	46.3	5.6
10	16.5	28.8	20.8	70.0	0.0	0.0	0.0	6.8
11	17.0	28.6	22.0	67.3	0.0	0.0	0.0	7.4
12	17.5	28.5	22.0	67.0	1.2	0.0	1.2	4.6
13	17.0	27.6	22.1	64.3	0.0	0.0	0.0	5.3
14	16.0	28.2	21.2	69.3	0.0	0.0	0.0	5.8
15	15.0	28.4	22.2	65.3	0.0	0.0	0.0	6.4
16	17.0	29.2	22.6	64.3	0.0	0.0	0.0	8.3
17	17.2	29.4	22.6	65.0	0.0	0.0	0.0	6.8
18	16.8	28.6	22.6	66.7	0.0	0.0	0.0	6.5
19	17.0	26.8	21.4	68.3	0.0	0.0	0.0	2.2
20	16.5	30.0	22.4	62.0	0.0	.2	.2	8.7
21	17.0	29.4	22.3	61.3	.5	0.0	.5	6.9
22	17.2	25.8	20.6	79.7	0.0	0.0	0.0	3.5
23	17.5	28.5	22.0	70.7	0.0	0.0	0.0	3.8
24	16.0	30.4	23.2	65.7	0.0	0.0	0.0	8.5
25	16.2	30.0	21.9	66.3	0.0	0.0	0.0	6.6
26	17.0	29.2	22.8	63.0	0.0	0.0	0.0	5.5
27	18.0	27.8	21.6	71.7	0.0	2.3	2.3	1.8
28	17.8	29.4	21.8	71.3	0.0	0.0	0.0	5.2
29								
30								
31								
Total :					18.3	51.0	69.3	158.6
Promedio :	16.5	28.2	21.7	68.3				

Estación : MANUEL M. MALLARINO Dpto. : VALLE Latitud : 4 ° 13 ' N
Año : 2002 Mpio. : TRUJILLO Longitud : 76 ° 19 ' W
Altitud : 1380 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	30.8	22.5	67.0	0.0	0.0	0.0	7.4
2	16.8	28.2	23.0	64.7	0.0	0.0	0.0	5.2
3	16.0	30.0	22.8	62.3	0.0	0.0	0.0	7.5
4	17.5	29.2	22.4	61.3	0.0	0.0	0.0	6.5
5	17.0	24.4	19.6	71.3	0.0	0.0	0.0	.8
6	16.0	28.2	21.4	66.7	0.0	0.0	0.0	4.8
7	15.5	28.4	21.4	70.0	0.0	.2	.2	5.0
8	17.2	29.8	23.4	60.3	0.0	0.0	0.0	7.4
9	17.0	29.5	22.8	64.3	0.0	0.0	0.0	7.1
10	15.2	30.6	22.8	63.0	0.0	0.0	0.0	8.6
11	15.0	27.0	21.6	65.3	0.0	0.0	0.0	3.0
12	18.0	26.8	21.1	71.3	0.0	.2	.2	1.9
13	17.8	30.0	22.3	67.7	0.0	19.6	19.6	5.1
14	16.4	27.0	20.7	73.0	.7	0.0	.7	4.8
15	16.2	28.0	20.5	75.7	4.5	3.2	7.7	5.1
16	16.5	27.3	21.2	73.7	0.0	5.3	5.3	2.6
17	17.0	23.0	19.5	87.7	1.4	0.0	1.4	0.0
18	16.4	28.0	21.8	68.3	0.0	23.7	23.7	5.1
19	17.0	22.0	18.4	87.0	3.3	0.0	3.3	0.0
20	16.0	26.4	20.5	71.3	0.0	19.5	19.5	4.2
21	17.0	24.5	19.8	83.0	8.1	0.0	8.1	.7
22	17.5	27.4	21.1	70.0	0.0	1.2	1.2	1.8
23	17.4	24.2	20.1	82.7	0.0	0.0	0.0	4.3
24	16.0	29.0	21.5	65.7	0.0	0.0	0.0	7.2
25	18.0	27.0	21.8	72.0	0.0	0.0	0.0	4.4
26	16.0	29.2	22.2	67.0	0.0	0.0	0.0	4.4
27	17.0	26.2	21.2	74.7	0.0	3.8	3.8	2.3
28	16.3	24.6	18.2	93.3	28.6	.3	28.9	.9
29	17.0	27.0	20.7	77.0	1.4	0.0	1.4	4.7
30	15.0	28.5	22.4	71.0	0.0	0.0	0.0	9.8
31	17.5	29.2	22.8	69.3	0.0	0.0	0.0	4.7
Total :					48.0	77.0	125.0	137.3
Promedio :	16.7	27.5	21.3	71.5				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	29.0	22.7	67.0	.1	.6	.7	4.4
2	18.0	22.6	18.7	93.7	13.6	0.0	13.6	0.0
3	15.6	26.6	21.2	73.7	0.0	34.7	34.7	2.9
4	16.0	27.6	21.2	75.7	3.8	0.0	3.8	6.2
5	16.5	26.9	21.5	73.3	.5	0.0	.5	3.6
6	16.0	28.4	22.2	64.0	0.0	2.3	2.3	6.3
7	17.5	23.2	18.7	90.7	16.1	0.0	16.1	0.0
8	16.0	25.0	19.8	79.7	2.7	5.6	8.3	2.7
9	15.6	25.7	19.7	74.3	0.0	0.0	0.0	2.8
10	17.5	24.5	19.8	73.0	0.0	0.0	0.0	1.1
11	15.5	27.0	20.7	62.7	0.0	0.0	0.0	7.7
12	17.0	27.4	21.0	64.0	0.0	0.0	0.0	7.5
13	16.5	27.8	21.0	65.7	0.0	0.0	0.0	4.6
14	15.2	27.5	21.1	65.0	0.0	0.0	0.0	6.7
15	17.0	28.0	21.3	70.0	0.0	0.0	0.0	6.0
16	16.0	28.4	20.8	75.3	0.0	0.0	0.0	4.5
17	17.5	27.2	21.5	72.3	0.0	0.0	0.0	2.4
18	17.0	24.0	19.3	87.0	10.2	.2	10.4	.7
19	17.5	26.4	21.0	73.7	0.0	25.8	25.8	1.8
20	17.4	26.2	20.8	76.3	0.0	.5	.5	4.8
21	17.6	27.0	21.2	82.7	17.6	37.2	54.8	3.8
22	18.5	27.2	22.2	73.0	.5	0.0	.5	5.0
23	18.3	26.8	21.6	79.3	0.0	9.2	9.2	4.3
24	16.5	26.4	21.1	74.3	0.0	59.0	59.0	4.3
25	17.0	21.8	18.9	85.3	0.0	.3	.3	0.0
26	16.4	26.0	20.3	75.7	0.0	12.2	12.2	1.7
27	17.5	24.0	20.3	82.7	.5	1.3	1.8	1.3
28	17.0	26.4	21.1	78.7	0.0	3.6	3.6	3.5
29	15.6	25.4	21.0	73.0	0.0	5.8	5.8	3.5
30	16.5	25.2	20.6	74.3	0.0	0.0	0.0	1.5
31								
Total :					65.6	198.3	263.9	105.6
Promedio :	16.8	26.2	20.7	75.2				

Estación : MANUEL M. MALLARINO
Año : 2002

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	16.0	26.0	20.8	74.3	0.0	0.0	0.0	2.8
2	16.4	28.5	22.3	69.0	0.0	0.0	0.0	5.6
3	18.0	26.4	21.2	70.0	0.0	1.6	1.6	1.4
4	17.0	28.4	22.0	69.3	0.0	0.0	0.0	6.9
5	16.5	28.8	23.8	62.7	0.0	0.0	0.0	7.3
6	18.0	30.0	23.0	64.0	0.0	0.0	0.0	8.6
7	17.5	28.8	21.8	74.0	0.0	0.0	0.0	6.8
8	17.6	26.2	22.0	76.7	0.0	0.0	0.0	.9
9	17.2	29.2	22.5	69.7	0.0	0.0	0.0	5.3
10	17.5	28.0	23.0	72.3	0.0	.9	.9	4.9
11	18.4	26.8	22.0	79.3	0.0	0.0	0.0	2.6
12	17.0	29.5	23.4	67.0	0.0	0.0	0.0	6.2
13	18.0	28.0	21.8	76.0	0.0	0.0	0.0	2.4
14	17.5	26.4	22.0	80.7	0.0	0.0	0.0	.6
15	17.3	26.8	21.9	76.7	0.0	10.8	10.8	1.8
16	18.4	27.0	22.6	75.3	0.0	0.0	0.0	2.3
17	18.2	25.5	21.5	77.0	0.0	0.0	0.0	.7
18	18.0	26.0	21.8	76.0	0.0	12.2	12.2	1.6
19	17.0	26.4	21.0	79.0	0.0	0.0	0.0	3.3
20	18.2	28.2	21.3	78.0	19.8	15.8	35.6	5.0
21	16.5	24.4	19.6	81.3	6.9	0.0	6.9	1.5
22	17.0	25.4	20.8	70.7	0.0	0.0	0.0	1.5
23	16.0	25.4	21.0	75.7	0.0	1.5	1.5	1.2
24	15.5	28.0	21.0	76.7	0.0	10.3	10.3	6.6
25	16.0	21.5	17.3	94.0	28.6	0.0	28.6	0.0
26	14.7	23.0	19.4	79.0	0.0	.1	.1	1.9
27	17.0	26.6	21.3	65.3	0.0	1.1	1.1	6.4
28	15.4	23.6	18.4	82.7	0.0	0.0	0.0	1.2
29	15.5	25.0	19.9	70.7	0.0	0.0	0.0	2.2
30	17.0	25.6	20.1	73.3	.3	9.4	9.7	3.0
31	15.0	21.2	18.8	86.3	.2	0.0	.2	0.0
Total :					55.8	63.7	119.5	102.5
Promedio :	16.9	26.5	21.3	74.9				

Junio	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	14.5	25.2	19.5	79.7	0.0	10.9	10.9	3.8
2	16.8	25.8	20.6	76.0	0.0	0.0	0.0	6.4
3	16.5	25.0	19.8	84.0	12.8	.1	12.9	1.8
4	16.0	21.6	18.0	91.7	19.3	.1	19.4	.2
5	15.8	25.4	19.4	81.3	38.0	22.0	60.0	2.6
6	16.0	24.4	19.8	78.7	0.0	1.4	1.4	2.8
7	16.3	22.4	17.6	90.3	.3	0.0	.3	2.3
8	14.0	25.8	20.1	74.7	0.0	0.0	0.0	5.4
9	16.0	22.0	18.8	87.7	.9	0.0	.9	.1
10	14.5	26.4	21.3	70.7	0.0	0.0	0.0	8.5
11	16.0	26.3	20.8	75.3	0.0	0.0	0.0	5.0
12	15.6	27.5	21.6	69.3	0.0	4.0	4.0	8.0
13	16.5	24.6	20.1	80.0	0.0	0.0	0.0	1.8
14	16.3	25.8	20.2	78.0	0.0	0.0	0.0	4.9
15	16.5	25.9	21.0	77.7	0.0	0.0	0.0	5.5
16	16.0	27.8	21.7	72.7	0.0	0.0	0.0	7.3
17	16.8	25.0	20.8	80.3	0.0	0.0	0.0	.4
18	15.0	27.2	20.8	74.0	0.0	0.0	0.0	8.9
19	16.0	29.4	22.0	68.3	0.0	0.0	0.0	9.6
20	16.3	26.0	21.0	77.3	0.0	0.0	0.0	1.6
21	16.0	27.6	21.6	71.7	0.0	0.0	0.0	8.2
22	16.5	27.2	21.2	74.7	0.0	0.0	0.0	3.5
23	15.5	28.0	21.6	69.3	0.0	0.0	0.0	9.1
24	16.5	26.8	21.5	75.0	0.0	0.0	0.0	6.4
25	15.7	27.8	21.3	71.0	0.0	0.0	0.0	9.6
26	15.5	28.0	22.7	66.0	0.0	0.0	0.0	8.1
27	16.5	28.5	22.9	69.3	0.0	0.0	0.0	5.5
28	17.0	28.0	22.8	66.0	0.0	0.0	0.0	3.9
29	18.0	27.5	21.8	77.0	.8	0.0	.8	2.3
30	16.5	27.6	22.2	71.7	0.0	0.0	0.0	6.0
31								
Total :					72.1	38.5	110.6	149.5
Promedio :	16.0	26.2	20.8	76.0				

Estación : MANUEL M. MALLARINO Dpto. : VALLE Latitud : 4 ° 13 ' N
Año : 2002 Mpio. : TRUJILLO Longitud : 76 ° 19 ' W
Altitud : 1380 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	27.4	22.5	70.3	0.0	0.0	0.0	6.1
2	17.0	29.0	23.3	67.3	0.0	0.0	0.0	6.6
3	16.5	29.8	23.8	62.0	0.0	0.0	0.0	8.2
4	18.0	29.6	22.4	70.0	0.0	16.6	16.6	4.9
5	17.3	25.4	19.4	93.3	49.1	4.4	53.5	1.1
6	16.6	25.8	19.7	75.3	6.4	0.0	6.4	3.8
7	14.5	28.4	21.6	65.7	0.0	0.0	0.0	9.4
8	16.5	28.6	22.0	69.0	0.0	0.0	0.0	7.8
9	16.3	28.0	22.5	72.3	0.0	0.0	0.0	6.0
10	17.4	26.4	20.3	81.3	11.0	0.0	11.0	.5
11	16.0	27.0	21.3	76.3	.7	0.0	.7	5.3
12	16.2	28.9	22.2	68.0	0.0	0.0	0.0	10.2
13	16.0	29.5	22.2	62.3	0.0	0.0	0.0	9.4
14	15.5	28.4	22.6	67.0	0.0	0.0	0.0	6.0
15	17.7	27.6	22.5	67.3	0.0	0.0	0.0	2.3
16	16.4	27.5	22.2	68.7	0.0	0.0	0.0	6.4
17	17.1	27.0	21.8	71.3	0.0	2.6	2.6	3.0
18	17.5	24.8	20.6	78.3	0.0	0.0	0.0	1.4
19	15.6	26.7	21.2	72.3	0.0	2.8	2.8	4.7
20	17.5	26.4	21.3	70.7	0.0	0.0	0.0	4.8
21	16.9	26.5	20.0	80.3	5.4	.1	5.5	2.8
22	15.5	27.5	21.0	74.0	0.0	0.0	0.0	7.3
23	16.5	28.4	22.1	69.3	0.0	10.8	10.8	7.1
24	16.2	27.8	21.2	72.3	0.0	.7	.7	4.5
25	16.7	26.8	21.2	75.3	0.0	0.0	0.0	4.0
26	15.6	29.0	22.1	65.3	0.0	0.0	0.0	10.1
27	15.5	28.0	22.2	64.7	0.0	0.0	0.0	8.4
28	15.6	27.8	21.5	73.0	0.0	0.0	0.0	3.9
29	16.7	29.6	22.6	59.3	0.0	0.0	0.0	8.3
30	14.4	29.4	22.2	62.3	0.0	0.0	0.0	9.1
31	15.7	26.2	20.1	73.7	0.0	0.0	0.0	2.9
Total :					72.6	38.0	110.6	176.3
Promedio :	16.4	27.7	21.7	70.9				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.5	26.4	20.1	70.0	0.0	0.0	0.0	7.9
2	14.5	29.8	22.3	68.0	0.0	0.0	0.0	10.4
3	15.5	28.5	22.0	66.3	0.0	0.0	0.0	6.7
4	14.8	28.4	21.8	68.3	0.0	0.0	0.0	8.3
5	15.7	29.4	21.8	67.7	0.0	0.0	0.0	9.1
6	15.5	29.6	22.2	64.7	0.0	0.0	0.0	9.5
7	16.3	28.1	21.6	70.3	0.0	0.0	0.0	.9
8	15.8	27.5	21.7	70.3	0.0	0.0	0.0	3.2
9	16.5	27.3	20.7	74.3	0.0	0.0	0.0	3.0
10	15.0	29.6	22.3	51.3	0.0	0.0	0.0	9.6
11	15.6	27.5	22.1	61.3	0.0	0.0	0.0	4.3
12	15.0	28.4	21.2	63.3	0.0	0.0	0.0	5.8
13	16.7	29.0	22.4	68.7	0.0	0.0	0.0	4.7
14	16.0	28.8	22.7	64.0	0.0	0.0	0.0	6.8
15	16.3	30.4	24.0	58.0	0.0	0.0	0.0	9.1
16	17.1	28.0	21.4	65.7	0.0	0.0	0.0	2.3
17	13.5	30.8	22.8	54.7	0.0	0.0	0.0	9.5
18	15.4	30.0	23.6	57.7	0.0	0.0	0.0	7.3
19	16.0	28.0	22.0	68.3	0.0	0.0	0.0	2.6
20	17.0	30.4	22.4	64.0	0.0	0.0	0.0	6.4
21	16.0	30.6	22.6	61.0	0.0	0.0	0.0	10.3
22	15.7	29.0	22.5	64.0	0.0	0.0	0.0	5.9
23	16.0	29.2	22.9	60.7	0.0	0.0	0.0	7.3
24	15.5	30.4	22.6	60.7	0.0	0.0	0.0	8.0
25	16.5	29.5	23.2	63.0	0.0	0.0	0.0	8.1
26	17.5	27.6	22.0	68.0	0.0	2.2	2.2	2.0
27	17.7	25.6	21.0	76.0	13.0	0.0	13.0	2.5
28	16.5	27.0	21.8	67.0	0.0	9.2	9.2	4.5
29	16.8	21.6	18.6	88.0	3.8	0.0	3.8	0.0
30	15.0	27.2	21.2	65.3	0.0	2.8	2.8	5.9
31	17.5	28.8	22.2	71.3	0.0	0.0	0.0	7.3
Total :					16.8	14.2	31.0	189.2
Promedio :	15.9	28.5	22.0	65.9				

Estación : MANUEL M. MALLARINO
Año : 2002

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	17.0	26.4	20.4	77.3	3.0	15.5	18.5	2.8
2	16.5	26.0	21.1	71.7	0.0	0.0	0.0	5.0
3	17.0	28.3	21.2	71.3	0.0	0.0	0.0	8.1
4	16.0	29.8	22.2	64.3	0.0	0.0	0.0	8.3
5	15.5	29.6	22.0	66.0	0.0	0.0	0.0	8.1
6	16.0	30.0	23.1	65.0	0.0	0.0	0.0	8.3
7	15.8	30.5	22.5	67.7	0.0	0.0	0.0	8.4
8	15.0	30.5	22.6	61.0	0.0	0.0	0.0	9.5
9	15.2	28.8	21.8	67.0	0.0	0.0	0.0	5.4
10	16.5	26.5	22.1	65.0	0.0	10.2	10.2	0.0
11	18.0	28.4	22.3	68.0	0.0	0.0	0.0	5.7
12	15.7	29.8	21.8	67.7	0.0	0.0	0.0	8.5
13	16.0	29.2	23.1	60.7	0.0	1.9	1.9	8.3
14	17.0	29.5	21.4	74.7	0.0	0.0	0.0	4.2
15	17.5	28.2	22.6	65.7	0.0	0.0	0.0	7.1
16	17.6	27.5	22.1	68.3	0.0	0.0	0.0	3.4
17	15.5	25.0	21.0	70.3	0.0	.1	.1	1.1
18	17.4	23.5	18.9	81.0	0.0	0.0	0.0	.6
19	14.8	27.0	21.0	68.0	0.0	0.0	0.0	4.1
20	17.0	29.0	21.8	67.3	0.0	0.0	0.0	4.2
21	16.7	30.5	22.6	65.0	.9	0.0	.9	8.1
22	16.0	30.0	22.7	63.0	0.0	0.0	0.0	9.3
23	16.2	28.5	20.6	74.0	0.0	0.0	0.0	5.0
24	15.0	26.8	20.8	67.0	0.0	0.0	0.0	3.9
25	16.5	25.6	20.1	81.3	.7	47.4	48.1	1.1
26	15.8	24.2	18.4	84.7	.9	0.0	.9	2.4
27	16.3	28.0	20.1	75.3	26.0	9.2	35.2	5.6
28	16.5	25.0	20.1	78.0	0.0	0.0	0.0	2.9
29	15.2	27.0	21.2	66.7	0.0	0.0	0.0	5.5
30	15.5	28.0	21.8	68.0	0.0	0.0	0.0	10.5
31								
Total :					31.5	84.3	115.8	165.4
Promedio :	16.2	27.9	21.4	69.7				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.5	28.4	22.0	65.7	0.0	0.0	0.0	7.7
2	16.0	27.8	22.8	64.0	0.0	.1	.1	5.0
3	17.0	29.0	22.5	61.3	0.0	0.0	0.0	6.4
4	16.0	29.2	22.8	64.7	0.0	0.0	0.0	4.5
5	16.8	29.5	22.4	66.7	0.0	0.0	0.0	5.2
6	16.2	28.6	23.0	65.0	.1	10.4	10.5	5.9
7	17.5	27.0	20.2	76.7	3.1	0.0	3.1	3.2
8	14.5	27.0	20.9	71.3	0.0	0.0	0.0	6.0
9	15.4	29.5	22.4	66.0	0.0	0.0	0.0	5.4
10	15.6	30.0	22.7	68.3	0.0	65.5	65.5	7.2
11	15.3	23.4	18.7	77.3	0.0	0.0	0.0	1.3
12	15.5	27.0	20.8	72.0	0.0	0.0	0.0	4.9
13	16.3	29.0	22.4	60.0	0.0	0.0	0.0	6.5
14	15.5	29.5	22.4	66.3	0.0	0.0	0.0	7.0
15	16.0	26.2	20.8	71.0	.2	0.0	.2	3.3
16	16.5	27.2	21.4	70.7	.9	0.0	.9	3.8
17	17.0	25.0	20.3	78.7	0.0	7.5	7.5	2.5
18	16.2	25.4	19.6	75.7	.7	0.0	.7	2.7
19	15.8	27.3	22.0	63.0	1.6	0.0	1.6	5.8
20	15.4	26.0	19.9	75.7	1.5	1.3	2.8	1.7
21	17.0	26.3	21.4	72.0	0.0	1.6	1.6	3.6
22	17.5	23.8	20.0	84.0	1.2	0.0	1.2	1.4
23	16.5	26.4	20.2	76.7	.2	3.8	4.0	3.8
24	16.8	25.8	20.0	79.0	12.5	.1	12.6	4.4
25	17.0	27.6	20.5	78.3	0.0	16.0	16.0	5.3
26	17.5	25.0	20.0	80.0	4.9	5.1	10.0	3.1
27	16.8	22.7	18.9	81.0	.8	0.0	.8	3.5
28	16.0	25.0	19.6	76.0	1.2	.2	1.4	.1
29	17.4	25.0	18.6	90.7	3.0	7.4	10.4	3.6
30	16.3	22.8	19.4	85.3	1.8	9.7	11.5	1.5
31	15.0	26.8	20.8	70.3	0.0	25.2	25.2	6.5
Total :					33.7	153.9	187.6	132.8
Promedio :	16.3	26.7	20.9	72.7				

Estación : MANUEL M. MALLARINO Dpto. : VALLE Latitud : 4 ° 13 ' N
Año : 2002 Mpio. : TRUJILLO Longitud : 76 ° 19 ' W
Altitud : 1380 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.2	24.5	20.1	78.3	1.0	0.0	1.0	2.0
2	17.0	24.8	19.7	77.0	0.0	3.3	3.3	1.4
3	16.0	20.4	18.0	89.7	20.7	0.0	20.7	0.0
4	14.9	26.0	19.5	79.3	0.0	.3	.3	3.9
5	15.5	24.2	19.1	80.0	.8	16.8	17.6	1.8
6	16.5	24.5	20.0	77.7	0.0	.8	.8	2.5
7	16.4	23.8	19.8	80.3	.7	33.7	34.4	1.4
8	16.3	24.2	19.5	82.7	2.0	2.0	4.0	1.5
9	16.4	24.8	19.8	78.7	0.0	0.0	0.0	2.1
10	15.8	27.0	20.6	72.0	0.0	0.0	0.0	4.7
11	16.0	27.2	21.1	69.3	0.0	0.0	0.0	5.7
12	16.5	26.6	21.0	73.7	0.0	0.0	0.0	3.1
13	17.0	25.5	20.0	78.3	1.1	8.3	9.4	4.2
14	16.4	23.4	19.1	85.3	0.0	0.0	0.0	1.2
15	15.7	27.4	21.5	71.7	0.0	0.0	0.0	6.4
16	16.5	26.6	21.2	73.3	0.0	0.0	0.0	5.2
17	17.5	25.5	21.0	77.3	0.0	0.0	0.0	.7
18	15.2	27.5	19.1	78.3	2.0	0.0	2.0	4.6
19	15.6	26.2	20.6	69.7	0.0	0.0	0.0	6.1
20	16.0	28.0	21.8	69.0	0.0	0.0	0.0	6.8
21	16.5	27.8	22.1	70.0	0.0	0.0	0.0	5.9
22	16.0	27.6	22.5	68.0	0.0	0.0	0.0	6.2
23	16.5	28.0	21.6	72.0	0.0	0.0	0.0	8.5
24	16.3	27.4	21.8	72.3	0.0	0.0	0.0	6.0
25	16.0	28.6	21.9	69.3	0.0	0.0	0.0	6.2
26	16.5	29.2	23.2	66.3	0.0	0.0	0.0	6.5
27	16.8	29.8	23.6	64.7	0.0	0.0	0.0	8.3
28	18.0	28.5	22.7	74.0	.5	0.0	.5	6.7
29	18.0	27.3	21.6	71.7	0.0	0.0	0.0	2.5
30	17.0	29.0	21.6	74.3	0.0	0.0	0.0	5.5
31								
Total :					28.8	65.2	94.0	127.6
Promedio :	16.4	26.4	20.8	74.8				

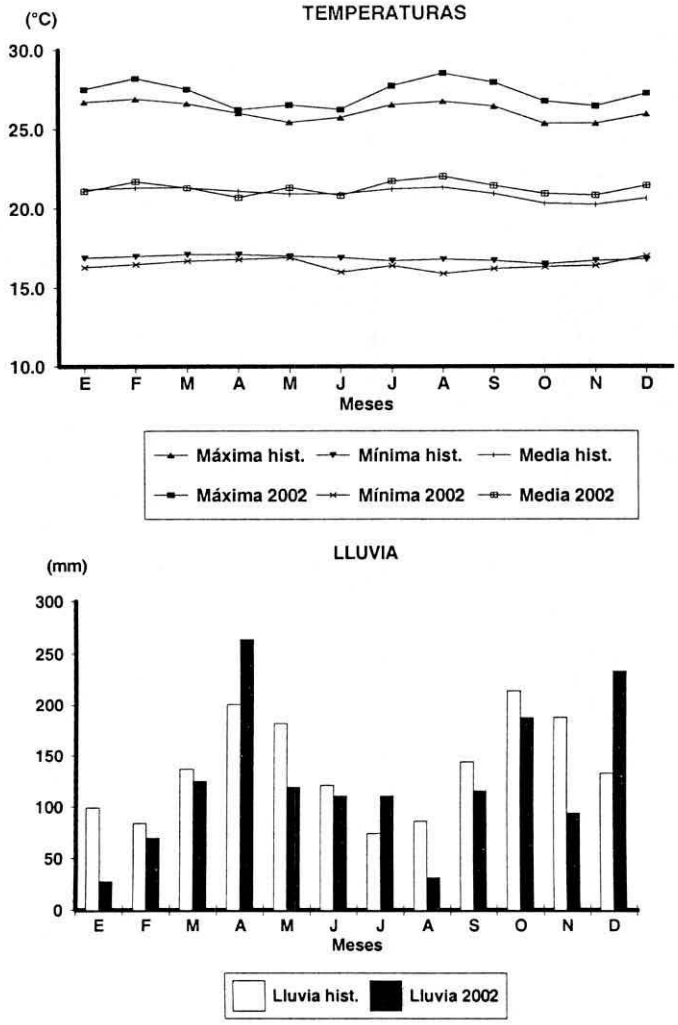
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	29.5	23.4	63.7	0.0	0.0	0.0	6.5
2	16.5	29.8	22.8	66.0	0.0	0.0	0.0	8.2
3	17.5	29.4	21.6	76.0	0.0	0.0	0.0	3.7
4	16.5	27.2	22.4	69.7	0.0	.2	.2	4.6
5	16.0	27.5	21.8	67.7	0.0	.7	.7	5.9
6	17.5	27.8	21.2	77.0	2.9	5.6	8.5	4.7
7	18.5	25.9	21.2	79.7	8.9	0.0	8.9	3.3
8	17.0	24.8	20.8	74.0	.3	.4	.7	.7
9	16.7	27.0	21.1	72.7	0.0	0.0	0.0	3.7
10	16.5	28.0	21.6	69.7	0.0	27.8	27.8	6.5
11	18.0	27.0	21.6	73.0	.4	0.0	.4	4.3
12	17.5	28.8	22.9	66.7	0.0	.2	.2	6.2
13	18.3	29.2	22.3	72.3	.7	44.1	44.8	4.2
14	17.1	26.6	21.8	76.0	.4	25.2	25.6	2.0
15	16.5	21.6	18.4	93.0	28.4	10.3	38.7	0.0
16	15.5	24.5	18.4	93.3	22.8	.3	23.1	2.9
17	17.0	23.3	19.2	85.7	6.5	.7	7.2	.4
18	17.4	24.6	19.8	81.7	0.0	0.0	0.0	.5
19	17.0	27.5	21.8	66.7	0.0	0.0	0.0	6.0
20	16.5	24.7	19.7	82.7	37.6	.1	37.7	.6
21	16.2	26.5	20.3	81.7	0.0	0.0	0.0	6.0
22	16.5	27.4	22.1	67.3	0.0	0.0	0.0	7.5
23	16.7	27.8	21.6	71.0	0.0	0.0	0.0	6.9
24	16.0	27.2	21.6	72.3	0.0	0.0	0.0	3.4
25	16.5	28.5	22.2	67.7	0.0	0.0	0.0	5.7
26	16.7	28.8	21.9	69.0	0.0	0.0	0.0	7.5
27	17.5	28.0	21.2	75.0	4.6	0.0	4.6	4.8
28	16.3	27.5	22.6	68.3	0.0	0.0	0.0	4.8
29	17.0	29.0	22.2	68.3	.5	0.0	.5	6.3
30	18.0	28.9	22.8	67.3	0.0	4.0	4.0	3.7
31	17.9	27.6	21.8	74.7	0.0	0.0	0.0	3.3
Total :					114.0	119.6	233.6	134.8
Promedio :	17.0	27.2	21.4	73.9				

Estación : MANUEL M. MALLARINO
Año : 2002

Dpto. : VALLE
Mpio. : TRUJILLO

Latitud : 4 ° 13 ' N
Longitud : 76 ° 19 ' W
Altitud : 1380 m

MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	16.3	27.5	21.1	29.8	14.5	71.1	27.4	4	168.3
Febrero	16.5	28.2	21.7	30.4	14.3	68.3	69.3	9	158.6
Marzo	16.7	27.5	21.3	30.8	15.0	71.5	125.0	15	137.3
Abril	16.8	26.2	20.7	29.0	15.2	75.2	263.9	20	105.6
Mayo	16.9	26.5	21.3	30.0	14.7	74.9	119.5	13	102.5
Junio	16.0	26.2	20.8	29.4	14.0	76.0	110.6	9	149.5
Julio	16.4	27.7	21.7	29.8	14.4	70.9	110.6	10	176.3
Agosto	15.9	28.5	22.0	30.8	13.5	65.9	31.0	5	189.2
Septiembre	16.2	27.9	21.4	30.5	14.8	69.7	115.8	8	165.4
Octubre	16.3	26.7	20.9	30.0	14.5	72.7	187.6	21	132.8
Noviembre	16.4	26.4	20.8	29.8	14.9	74.8	94.0	11	127.6
Diciembre	17.0	27.2	21.4	29.8	15.5	73.9	233.6	17	134.8
Promedio :	16.4	27.2	21.3			72.1			
Absoluta :				30.8	13.5				
Total :							1488.3	142	1747.9



Estación : JULIO FERNANDEZ
Año : 2002

Dpto. : VALLE
Mpio. : RESTREPO

Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

Enero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	25.5	20.5	77.3	0.0	0.0	0.0	5.9
2	17.6	25.0	20.6	76.3	0.0	1.6	1.6	6.0
3	17.8	24.5	19.4	77.3	0.0	0.0	0.0	5.5
4	13.5	26.5	19.7	75.3	0.0	0.0	0.0	8.5
5	18.0	26.9	20.5	75.7	0.0	0.0	0.0	7.3
6	18.5	26.5	21.4	69.7	0.0	8.5	8.5	7.0
7	18.0	24.5	19.8	78.3	.8	6.8	7.6	4.4
8	15.0	24.0	18.7	76.0	0.0	0.0	0.0	6.5
9	17.2	26.0	19.8	74.0	26.4	0.0	26.4	2.5
10	16.5	27.5	20.7	69.0	0.0	0.0	0.0	7.4
11	18.0	26.0	20.6	72.0	0.0	0.0	0.0	8.0
12	16.0	25.0	20.2	77.3	0.0	0.0	0.0	6.9
13	18.0	23.5	19.2	73.3	.6	0.0	.6	.2
14	13.5	25.0	19.5	75.0	0.0	0.0	0.0	5.4
15	17.5	27.8	21.0	70.7	.4	.1	.5	6.1
16	18.0	25.5	20.8	72.0	0.0	0.0	0.0	8.4
17	16.5	25.9	19.9	73.0	0.0	0.0	0.0	7.9
18	17.5	27.0	20.6	70.3	0.0	0.0	0.0	8.4
19	17.4	26.5	21.0	72.3	0.0	1.7	1.7	8.1
20	17.5	26.0	20.6	76.0	0.0	.7	.7	5.6
21	16.5	25.5	19.9	75.7	0.0	0.0	0.0	4.8
22	15.5	27.0	20.3	71.0	0.0	0.0	0.0	8.1
23	18.7	26.5	21.4	71.7	0.0	0.0	0.0	8.4
24	19.0	26.8	21.1	73.7	0.0	0.0	0.0	3.6
25	18.5	26.0	21.0	75.3	0.0	0.0	0.0	2.8
26	17.5	27.6	21.0	73.0	0.0	0.0	0.0	5.3
27	18.5	27.0	21.7	72.0	0.0	0.0	0.0	8.2
28	19.0	27.5	21.8	69.7	0.0	0.0	0.0	8.3
29	19.0	27.5	22.2	69.7	0.0	5.8	5.8	7.5
30	18.5	27.8	20.9	74.7	0.0	0.0	0.0	3.7
31	18.4	23.0	19.6	84.0	0.0	0.0	0.0	.6
Total :					28.2	25.2	53.4	187.3
Promedio :	17.4	26.0	20.5	73.9				

Febrero	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.8	27.0	20.9	72.7	0.0	0.0	0.0	6.8
2	19.5	27.4	21.9	72.0	0.0	12.6	12.6	8.1
3	18.0	24.4	19.0	87.0	1.0	0.0	1.0	.6
4	17.2	21.0	18.7	87.0	0.0	0.0	0.0	0.0
5	15.5	26.6	20.4	70.7	0.0	3.3	3.3	8.3
6	17.5	26.9	20.4	72.7	0.0	0.0	0.0	8.2
7	16.5	25.5	20.2	72.3	2.6	0.0	2.6	8.0
8	14.5	27.2	20.4	66.3	0.0	0.0	0.0	9.3
9	14.0	27.0	19.8	71.3	0.0	0.0	0.0	8.2
10	18.0	25.0	20.4	73.7	0.0	0.0	0.0	6.9
11	14.5	26.5	20.6	71.7	0.0	0.0	0.0	8.5
12	17.3	25.5	20.6	75.0	0.0	0.0	0.0	7.0
13	17.0	27.0	21.2	72.7	0.0	0.0	0.0	6.5
14	18.5	26.0	21.0	71.7	0.0	0.0	0.0	8.1
15	16.0	27.5	20.7	69.0	0.0	0.0	0.0	6.6
16	16.5	27.2	20.5	72.7	0.0	0.0	0.0	7.1
17	18.8	27.5	21.0	71.0	0.0	0.0	0.0	6.8
18	17.5	27.0	20.8	72.7	0.0	0.0	0.0	4.5
19	19.0	26.5	20.8	73.7	0.0	0.0	0.0	4.1
20	16.5	27.0	20.8	73.0	0.0	0.0	0.0	6.4
21	16.0	27.7	20.8	71.7	0.0	0.0	0.0	8.1
22	17.3	25.6	20.5	72.7	0.0	0.0	0.0	2.0
23	16.5	26.9	20.8	76.0	0.0	0.0	0.0	4.4
24	17.5	28.0	21.3	72.0	0.0	0.0	0.0	5.4
25	18.5	27.5	21.9	66.3	0.0	0.0	0.0	9.3
26	18.4	27.0	21.6	68.7	0.0	5.5	5.5	5.3
27	18.0	24.5	19.5	87.0	2.3	6.3	8.6	2.4
28	17.5	26.4	20.6	73.3	0.0	0.0	0.0	3.9
29								
30								
31								
Total :					5.9	27.7	33.6	170.8
Promedio :	17.1	26.4	20.6	73.5				

Estación : JULIO FERNANDEZ
Año : 2002

Dpto. : VALLE
Mpio. : RESTREPO

Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

Marzo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.0	28.1	21.4	72.0	0.0	0.0	0.0	7.5
2	17.2	26.5	20.8	74.7	0.0	0.0	0.0	3.2
3	18.0	26.8	20.9	68.7	0.0	0.0	0.0	8.1
4	18.3	26.5	21.2	67.3	0.0	0.0	0.0	8.5
5	18.0	26.2	20.2	73.0	0.0	0.0	0.0	4.1
6	16.0	26.5	20.4	72.3	0.0	.2	.2	8.3
7	18.5	27.2	21.1	69.7	0.0	1.6	1.6	4.9
8	18.8	28.3	21.8	70.3	1.7	0.0	1.7	6.8
9	19.5	27.1	21.4	71.7	0.0	0.0	0.0	8.3
10	17.3	28.5	21.4	69.7	0.0	0.0	0.0	8.8
11	18.5	26.5	21.0	73.0	0.0	0.0	0.0	3.4
12	17.4	26.4	19.2	88.3	34.1	0.0	34.1	3.2
13	18.5	29.0	22.3	70.3	0.0	5.7	5.7	9.0
14	17.0	26.5	21.0	70.0	0.0	0.0	0.0	6.0
15	18.0	27.5	21.4	69.3	0.0	.3	.3	4.6
16	17.0	28.5	21.0	72.0	0.0	14.2	14.2	4.9
17	17.5	25.0	19.7	81.3	12.3	0.0	12.3	.1
18	15.5	27.9	20.8	77.7	0.0	41.0	41.0	3.3
19	17.0	23.5	19.8	79.3	5.0	0.0	5.0	.1
20	16.2	26.0	19.8	76.0	0.0	10.4	10.4	2.9
21	16.0	22.5	18.6	82.3	1.4	.2	1.6	.7
22	16.2	27.4	20.4	78.3	0.0	0.0	0.0	4.6
23	15.5	25.5	19.5	82.0	14.9	0.0	14.9	2.8
24	15.8	28.5	21.1	75.7	0.0	0.0	0.0	8.1
25	17.0	27.0	21.7	70.7	0.0	0.0	0.0	7.2
26	17.5	27.5	21.3	75.7	0.0	0.0	0.0	4.6
27	18.0	27.0	21.2	76.7	0.0	0.0	0.0	1.4
28	17.5	23.5	19.6	81.0	0.0	0.0	0.0	.1
29	16.2	26.5	20.4	71.7	0.0	0.0	0.0	6.3
30	16.5	29.5	21.7	71.0	0.0	0.0	0.0	8.0
31	18.0	26.0	21.3	76.3	0.0	0.0	0.0	2.7
Total					69.4	73.6	143.0	152.5
Promedio	17.3	26.8	20.8	74.5				

Abril	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	27.0	21.4	75.7	0.0	2.5	2.5	6.3
2	17.8	23.4	20.0	79.3	0.0	0.0	0.0	0.0
3	16.0	28.1	21.4	74.7	.2	15.3	15.5	2.8
4	16.2	27.5	21.0	73.0	0.0	0.0	0.0	6.3
5	18.0	26.8	20.5	77.3	0.0	0.0	0.0	3.1
6	16.0	27.4	20.8	74.0	0.0	13.3	13.3	8.0
7	17.3	24.5	19.7	82.7	.1	.4	.5	.5
8	17.5	25.0	19.3	78.0	.6	.1	.7	2.6
9	16.5	26.0	19.8	78.7	13.5	0.0	13.5	3.2
10	17.0	26.4	19.7	76.3	.2	0.0	.2	4.4
11	14.5	26.5	20.2	68.0	0.0	0.0	0.0	10.6
12	13.5	28.5	20.1	67.7	0.0	0.0	0.0	7.1
13	17.0	27.2	20.8	65.7	0.0	0.0	0.0	5.3
14	14.5	27.7	20.2	72.7	0.0	0.0	0.0	8.3
15	17.5	27.1	21.1	74.3	5.3	0.0	5.3	3.6
16	16.5	27.0	21.0	77.7	0.0	0.0	0.0	6.1
17	17.6	26.5	20.8	73.0	0.0	0.0	0.0	2.5
18	17.5	24.3	19.8	80.3	5.6	.3	5.9	1.4
19	17.3	26.4	20.2	74.0	0.0	1.3	1.3	1.8
20	18.0	27.1	21.1	76.0	19.6	0.0	19.6	2.2
21	18.4	26.0	21.2	74.0	1.2	0.0	1.2	5.0
22	18.0	27.0	21.2	73.3	2.8	0.0	2.8	2.9
23	18.5	26.0	21.2	74.3	0.0	21.0	21.0	4.5
24	17.0	25.5	20.2	78.0	5.9	1.5	7.4	3.1
25	17.5	23.5	18.6	88.7	8.8	4.6	13.4	0.0
26	17.0	25.8	20.1	78.0	14.4	.4	14.8	1.5
27	17.5	25.3	19.7	80.0	0.0	.1	.1	2.2
28	17.6	27.1	20.9	73.0	0.0	0.0	0.0	6.3
29	17.6	28.8	21.0	72.7	1.4	0.0	1.4	5.7
30	17.0	24.5	19.8	78.3	1.3	.1	1.4	0.0
31								
Total					80.9	60.9	141.8	117.3
Promedio	17.0	26.3	20.4	75.6				

Estación : JULIO FERNANDEZ
Año : 2002

Dpto. : VALLE
Mpio. : RESTREPO

Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

Mayo	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	16.0	25.8	20.6	74.3	0.0	0.0	0.0	2.4
2	17.0	26.8	20.8	76.7	0.0	0.0	0.0	4.1
3	18.0	26.5	21.0	76.7	0.0	0.0	0.0	5.5
4	16.5	29.0	21.6	72.7	0.0	0.0	0.0	9.2
5	18.5	27.8	21.5	74.0	0.0	0.0	0.0	9.2
6	19.5	27.0	21.6	67.3	0.0	0.0	0.0	8.5
7	16.5	27.5	21.7	70.7	0.0	0.0	0.0	5.2
8	18.0	28.5	22.5	74.0	0.0	0.0	0.0	2.5
9	17.8	28.9	21.6	79.0	0.0	0.0	0.0	8.2
10	18.5	27.5	22.2	77.7	.3	3.8	4.1	6.0
11	19.0	27.8	21.7	81.0	0.0	.3	.3	2.7
12	17.5	27.2	22.3	78.0	0.0	0.0	0.0	7.3
13	19.5	29.5	23.0	76.7	0.0	.2	.2	5.7
14	20.0	25.4	21.2	82.7	0.0	0.0	0.0	.2
15	19.0	27.0	21.5	79.3	0.0	0.0	0.0	2.3
16	19.5	26.5	22.0	75.3	0.0	2.5	2.5	2.1
17	17.5	25.5	20.4	77.0	0.0	0.0	0.0	3.9
18	16.5	26.0	20.6	81.7	14.0	1.4	15.4	3.0
19	18.2	24.8	20.7	82.3	.3	0.0	.3	3.5
20	17.5	26.3	20.8	75.7	0.0	0.0	0.0	4.5
21	18.2	25.5	20.7	73.3	0.0	0.0	0.0	1.3
22	17.0	26.0	20.6	78.7	1.3	0.0	1.3	1.5
23	17.5	27.5	21.0	77.0	0.0	0.0	0.0	4.0
24	16.0	28.0	21.4	74.7	0.0	.7	.7	7.6
25	16.4	22.2	18.8	65.3	.2	.3	.5	0.0
26	15.2	27.5	20.8	70.0	0.0	0.0	0.0	6.2
27	16.2	27.6	20.5	76.7	.4	.1	.5	4.4
28	16.6	27.5	20.5	70.3	0.0	0.0	0.0	3.6
29	14.6	26.6	20.4	76.0	0.0	0.0	0.0	2.6
30	16.0	26.5	19.9	76.7	.3	0.0	.3	2.5
31	15.5	22.5	18.0	88.7	.7	0.0	.7	0.0
Total :					17.5	9.3	26.8	129.7
Promedio :	17.4	26.7	21.0	76.1				

Junio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	13.5	25.0	19.0	79.7	.6	.2	.8	4.9
2	16.5	27.8	20.8	75.7	0.0	0.0	0.0	5.5
3	17.0	24.8	19.3	84.7	2.7	0.0	2.7	2.4
4	16.5	23.0	19.0	81.7	0.0	0.0	0.0	.6
5	15.5	24.5	18.8	79.3	1.1	5.2	6.3	2.7
6	15.6	26.4	19.8	79.0	2.0	2.5	4.5	4.2
7	16.0	25.6	19.2	77.3	0.0	0.0	0.0	3.8
8	15.0	26.7	20.0	79.3	9.8	0.0	9.8	4.4
9	14.5	22.0	17.6	83.3	2.7	0.0	2.7	1.1
10	13.5	27.5	19.8	74.0	0.0	20.5	20.5	8.0
11	17.5	24.5	19.5	79.0	15.9	0.0	15.9	6.0
12	15.0	28.5	20.6	77.7	0.0	0.0	0.0	8.6
13	16.0	23.5	19.6	82.3	0.0	0.0	0.0	1.7
14	14.0	26.0	19.3	79.3	0.0	0.0	0.0	7.2
15	15.0	25.5	19.6	80.7	1.5	0.0	1.5	2.5
16	14.5	27.6	20.4	73.3	0.0	0.0	0.0	4.9
17	18.5	24.2	19.8	79.7	0.0	0.0	0.0	.7
18	14.5	28.4	20.2	74.7	0.0	0.0	0.0	6.0
19	16.5	28.0	21.4	77.0	0.0	0.0	0.0	7.9
20	19.0	25.0	21.1	79.0	0.0	0.0	0.0	.6
21	15.8	28.5	21.5	73.0	0.0	0.0	0.0	3.4
22	18.5	28.5	21.6	75.0	0.0	0.0	0.0	2.9
23	17.0	28.8	20.6	77.3	0.0	0.0	0.0	7.1
24	15.5	29.0	20.8	76.3	0.0	0.0	0.0	4.7
25	15.8	27.5	20.4	75.0	0.0	0.0	0.0	5.2
26	16.5	27.4	21.1	75.0	0.0	0.0	0.0	7.9
27	18.5	26.5	21.2	78.0	0.0	0.0	0.0	4.1
28	19.0	26.6	21.2	79.3	0.0	10.6	10.6	4.3
29	17.5	25.0	20.7	79.3	0.0	0.0	0.0	.8
30	17.0	28.5	21.0	77.3	0.0	0.0	0.0	6.7
31								
Total :					36.3	39.0	75.3	130.8
Promedio :	16.2	26.4	20.2	78.1				

Estación : JULIO FERNANDEZ
Año : 2002

Dpto. : VALLE
Mpio. : RESTREPO

Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

Julio	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	18.5	27.2	21.4	81.3	0.0	0.0	0.0	6.2
2	19.0	27.0	21.6	78.3	.1	19.3	19.4	4.9
3	18.8	28.0	21.9	78.7	0.0	12.4	12.4	7.5
4	18.0	26.5	20.5	86.0	0.0	5.1	5.1	6.1
5	17.3	22.5	19.0	84.7	4.8	7.4	12.2	0.0
6	17.0	24.8	20.0	84.3	2.6	0.0	2.6	1.0
7	16.7	27.0	20.2	80.0	0.0	0.0	0.0	8.6
8	18.0	27.0	21.2	79.3	0.0	0.0	0.0	8.0
9	18.5	26.0	21.4	77.3	0.0	0.0	0.0	4.5
10	18.6	25.5	21.0	79.3	0.0	1.4	1.4	1.5
11	18.0	25.6	20.0	80.0	2.0	0.0	2.0	2.4
12	17.5	28.8	21.2	78.7	0.0	0.0	0.0	7.3
13	18.6	27.9	21.9	74.0	0.0	0.0	0.0	7.4
14	19.0	26.8	21.6	75.0	0.0	.4	.4	4.6
15	18.0	25.5	20.6	77.0	0.0	0.0	0.0	3.0
16	17.5	26.8	20.7	78.3	0.0	.2	.2	6.0
17	18.3	27.5	20.9	74.7	0.0	7.9	7.9	2.3
18	16.8	25.5	19.7	83.0	0.0	0.0	0.0	2.9
19	17.5	26.0	20.3	81.3	0.0	0.0	0.0	4.2
20	17.0	24.0	19.0	83.0	0.0	3.7	3.7	2.9
21	17.1	24.5	19.6	78.7	1.1	.3	1.4	2.8
22	16.5	25.5	20.2	78.0	0.0	0.0	0.0	6.4
23	18.3	26.0	20.4	84.0	.9	0.0	.9	6.2
24	17.5	25.0	20.0	79.7	.5	0.0	.5	1.7
25	17.5	26.0	20.0	79.3	0.0	.1	.1	4.7
26	14.5	27.5	19.9	78.0	0.0	0.0	0.0	6.6
27	18.5	25.6	20.4	80.0	0.0	0.0	0.0	7.3
28	17.5	26.5	20.8	77.3	0.0	.1	.1	6.5
29	18.5	27.0	20.6	80.0	.4	.3	.7	6.2
30	18.0	26.9	20.8	76.0	0.0	0.0	0.0	7.1
31	15.0	25.4	19.6	73.0	.3	.1	.4	4.4
Total					12.7	58.7	71.4	151.2
Promedio :	17.7	26.2	20.5	79.3				

Agosto	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	12.0	29.5	20.2	74.7	0.0	0.0	0.0	9.0
2	16.6	28.0	20.8	75.7	0.0	0.0	0.0	7.5
3	16.5	30.2	21.2	73.3	0.0	0.0	0.0	9.7
4	16.7	27.2	20.6	73.0	0.0	0.0	0.0	7.0
5	15.0	30.0	21.4	69.3	0.0	0.0	0.0	9.0
6	18.0	28.0	21.8	71.0	0.0	0.0	0.0	8.7
7	18.6	26.4	20.4	78.7	0.0	0.0	0.0	1.2
8	18.0	26.5	19.9	81.7	.8	0.0	.8	4.2
9	17.0	26.0	19.5	87.0	.3	0.0	.3	1.8
10	14.0	29.8	21.1	69.0	0.0	0.0	0.0	8.5
11	17.2	27.5	21.4	72.7	0.0	0.0	0.0	4.7
12	18.5	27.0	20.9	79.7	0.0	0.0	0.0	6.7
13	18.4	28.0	20.8	80.0	1.4	0.0	1.4	4.7
14	18.5	28.4	21.4	77.0	0.0	0.0	0.0	4.8
15	18.0	28.8	22.4	73.3	0.0	0.0	0.0	5.5
16	18.6	27.5	21.6	72.7	0.0	0.0	0.0	1.7
17	16.5	29.0	21.8	74.7	0.0	0.0	0.0	7.5
18	18.5	28.0	21.4	73.0	0.0	0.0	0.0	6.4
19	18.2	25.5	19.8	85.0	1.3	0.0	1.3	4.1
20	18.0	27.0	20.9	77.3	0.0	0.0	0.0	7.5
21	18.3	28.5	21.6	73.0	0.0	0.0	0.0	9.1
22	18.0	27.4	21.0	76.7	0.0	0.0	0.0	8.4
23	18.5	27.5	21.4	72.7	0.0	0.0	0.0	5.1
24	18.3	28.0	21.5	74.7	0.0	.1	.1	6.8
25	18.0	27.9	20.8	76.0	0.0	9.5	9.5	5.3
26	18.2	25.6	20.4	77.0	0.0	.4	.4	1.5
27	18.0	25.5	20.1	78.7	1.1	0.0	1.1	2.7
28	17.5	27.0	20.6	78.0	0.0	7.2	7.2	6.6
29	16.5	24.3	18.9	77.0	1.2	0.0	1.2	.6
30	14.0	26.0	19.8	76.7	0.0	3.6	3.6	4.6
31	17.5	28.0	20.4	77.0	0.0	0.0	0.0	7.7
Total					6.1	20.8	26.9	178.6
Promedio :	17.3	27.5	20.8	76.0				

Estación : JULIO FERNANDEZ Dpto. : VALLE Latitud : 3 ° 48 ' N
Año : 2002 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	17.5	25.5	19.6	85.3	1.0	2.8	3.8	2.9
2	17.3	27.6	20.6	78.0	.8	0.0	.8	3.3
3	17.6	26.0	20.2	79.7	0.0	0.0	0.0	6.6
4	18.0	27.8	21.2	76.3	0.0	0.0	0.0	7.5
5	18.1	27.0	21.2	75.7	0.0	0.0	0.0	6.4
6	17.6	28.8	21.2	76.7	0.0	0.0	0.0	6.2
7	18.0	27.9	21.6	74.7	0.0	0.0	0.0	8.8
8	18.5	28.1	21.5	73.0	0.0	0.0	0.0	7.5
9	16.5	28.5	20.8	76.3	0.0	0.0	0.0	6.4
10	18.2	25.6	20.3	76.0	0.0	0.0	0.0	3.5
11	16.0	29.5	21.1	73.3	2.9	0.0	2.9	6.5
12	17.5	27.6	21.2	77.0	0.0	0.0	0.0	7.6
13	15.5	29.0	21.5	73.3	0.0	0.0	0.0	8.2
14	18.5	28.0	21.3	76.0	0.0	.5	.5	5.3
15	17.5	27.5	21.2	70.3	0.0	0.0	0.0	4.9
16	18.0	25.5	20.2	78.0	0.0	0.0	0.0	4.1
17	17.8	25.8	19.8	79.3	0.0	0.0	0.0	1.4
18	16.0	24.5	19.9	74.0	15.7	0.0	15.7	2.4
19	15.0	27.5	20.4	73.0	0.0	.1	.1	6.5
20	17.5	27.6	20.4	75.3	0.0	0.0	0.0	5.6
21	17.6	27.4	21.2	76.7	0.0	8.3	8.3	8.2
22	16.5	27.8	20.8	77.0	0.0	0.0	0.0	7.8
23	17.0	26.5	20.6	77.3	0.0	0.0	0.0	4.5
24	16.5	26.0	20.0	81.3	.8	0.0	.8	3.3
25	17.8	26.2	20.2	76.0	0.0	23.7	23.7	2.1
26	16.0	26.0	19.4	85.7	3.2	1.1	4.3	1.4
27	16.6	27.3	20.9	77.7	1.8	7.0	8.8	5.4
28	17.5	25.0	18.8	87.3	.7	0.0	.7	4.0
29	14.0	26.5	19.2	78.7	0.0	0.0	0.0	5.5
30	17.0	28.0	21.1	74.0	0.0	0.0	0.0	8.1
31								
Total :					26.9	43.5	70.4	161.9
Promedio :	17.1	27.1	20.6	77.1				

Octubre	Temperatura (°C) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.5	21.4	70.7	0.0	0.0	0.0	8.5
2	18.0	29.3	22.2	70.7	0.0	0.0	0.0	7.0
3	17.7	27.8	21.6	71.3	0.0	0.0	0.0	7.2
4	18.0	28.5	20.8	78.3	0.0	0.0	0.0	6.6
5	18.8	27.5	21.5	75.0	0.0	1.5	1.5	7.5
6	18.0	27.0	21.0	75.7	1.1	0.0	1.1	2.2
7	17.8	26.5	20.0	72.0	0.0	0.0	0.0	7.3
8	15.5	28.3	20.0	75.7	.7	.1	.8	5.6
9	18.0	28.2	21.1	73.7	0.0	0.0	0.0	5.1
10	18.3	28.0	21.1	79.7	0.0	36.0	36.0	7.5
11	16.0	27.5	19.7	77.7	0.0	0.0	0.0	1.3
12	15.0	26.6	20.0	77.3	0.0	0.0	0.0	5.9
13	15.8	27.2	20.2	78.7	0.0	0.0	0.0	6.9
14	18.0	27.5	21.2	72.7	0.0	0.0	0.0	7.9
15	16.0	26.2	19.2	83.7	0.0	1.5	1.5	4.7
16	16.3	25.6	19.1	90.0	4.0	1.1	5.1	3.8
17	17.5	24.9	19.8	92.7	3.9	5.3	9.2	1.5
18	17.0	27.0	20.0	80.3	3.3	0.0	3.3	4.1
19	16.2	26.8	19.8	79.7	0.0	0.0	0.0	5.7
20	17.0	25.0	20.6	76.0	0.0	.6	.6	3.4
21	17.5	26.5	20.7	73.0	0.0	15.6	15.6	1.6
22	17.0	26.4	20.4	77.0	0.0	0.0	0.0	1.0
23	17.1	26.0	19.0	86.3	2.7	3.3	6.0	3.2
24	17.2	26.9	20.5	76.7	0.0	.3	.3	6.7
25	17.0	28.5	20.8	76.7	0.0	.4	.4	4.8
26	17.5	24.9	19.2	85.7	2.5	4.3	6.8	3.4
27	17.0	22.6	18.6	83.7	10.0	0.0	10.0	.3
28	16.0	26.2	20.2	75.7	0.0	0.0	0.0	7.5
29	17.4	25.5	20.2	72.7	5.8	1.2	7.0	3.8
30	16.0	26.0	19.4	77.3	5.4	2.0	7.4	4.3
31	16.5	27.1	20.6	74.3	0.0	22.7	22.7	7.5
Total :					39.4	95.9	135.3	153.8
Promedio :	17.1	26.8	20.3	77.8				

Estación : JULIO FERNANDEZ
Año : 2002

Dpto. : VALLE
Mpio. : RESTREPO

Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

Noviembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	24.0	19.1	74.3	0.0	0.0	0.0	1.8
2	16.6	25.0	18.8	84.0	1.0	4.6	5.6	1.4
3	16.5	24.0	18.4	81.0	3.1	.1	3.2	2.7
4	14.5	28.1	20.6	75.0	0.0	14.9	14.9	5.3
5	16.4	24.9	17.8	92.3	7.3	.3	7.6	2.2
6	15.6	24.5	18.4	87.7	0.0	0.0	0.0	1.9
7	16.0	23.7	18.7	88.7	1.7	12.1	13.8	1.5
8	16.4	23.9	19.0	83.3	7.0	0.0	7.0	1.2
9	17.3	27.0	20.0	79.3	0.0	1.0	1.0	3.0
10	15.8	26.6	19.8	80.3	0.0	0.0	0.0	4.8
11	16.0	26.8	20.4	77.7	0.0	17.0	17.0	5.0
12	17.8	24.2	19.3	79.3	0.0	0.0	0.0	4.6
13	16.1	25.6	19.7	77.7	0.0	.2	.2	3.5
14	16.7	27.2	20.5	79.7	0.0	0.0	0.0	6.1
15	17.4	27.5	20.9	74.7	0.0	0.0	0.0	7.9
16	17.5	25.8	20.8	76.3	0.0	0.0	0.0	6.2
17	18.0	25.6	19.8	85.0	5.1	1.6	6.7	4.7
18	17.5	25.2	19.8	80.3	.9	0.0	.9	6.6
19	17.0	25.5	20.0	76.7	0.0	0.0	0.0	6.9
20	15.0	26.8	20.5	76.7	0.0	0.0	0.0	8.0
21	17.9	27.5	21.4	73.0	0.0	0.0	0.0	6.3
22	18.3	25.8	20.7	77.0	0.0	0.0	0.0	5.6
23	16.5	26.3	20.3	78.7	0.0	0.0	0.0	7.1
24	17.1	26.6	20.6	75.3	0.0	0.0	0.0	5.5
25	15.4	27.5	20.5	78.3	0.0	0.0	0.0	8.9
26	18.3	27.3	21.5	76.3	0.0	0.0	0.0	7.5
27	18.6	27.6	22.0	73.7	0.0	0.0	0.0	7.7
28	18.5	27.0	21.6	78.0	0.0	3.8	3.8	7.3
29	18.0	25.0	20.6	75.3	0.0	0.0	0.0	3.0
30	17.0	27.1	21.3	76.3	.5	0.0	.5	5.5
31								
Total :					26.6	55.6	82.2	149.7
Promedio :	16.9	26.0	20.1	79.1				

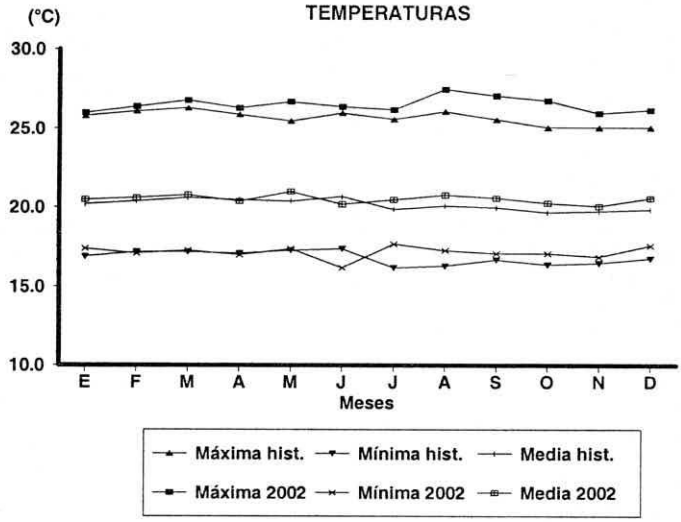
Diciembre	Temperatura (ºC) Mín.	Máx.	Med.	Hum. Rel. (%)	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	17.5	28.8	21.8	73.7	0.0	.1	.1	7.7
2	19.0	28.2	21.8	75.3	0.0	0.0	0.0	7.5
3	19.6	26.9	21.7	74.7	0.0	0.0	0.0	4.5
4	18.4	25.8	20.3	88.3	1.5	0.0	1.5	1.4
5	15.6	26.4	20.4	77.0	0.0	4.6	4.6	3.5
6	18.0	28.6	21.0	78.3	.2	2.1	2.3	4.9
7	17.5	25.0	19.9	84.7	9.5	0.0	9.5	1.3
8	17.4	24.5	19.7	88.7	4.4	0.0	4.4	2.5
9	17.5	27.2	20.8	75.0	0.0	0.0	0.0	6.8
10	17.9	26.9	20.8	77.7	0.0	0.0	0.0	7.7
11	18.3	27.0	21.2	76.3	0.0	0.0	0.0	8.0
12	18.5	27.5	21.4	77.7	0.0	0.0	0.0	7.3
13	19.0	27.3	21.2	76.7	0.0	0.0	0.0	6.3
14	18.5	24.8	20.5	81.0	0.0	6.7	6.7	.2
15	18.0	23.0	19.2	88.3	1.9	14.6	16.5	0.0
16	17.0	23.4	19.5	79.0	0.0	.7	.7	.4
17	17.2	22.1	18.8	88.0	.4	1.0	1.4	0.0
18	17.0	25.8	20.4	80.0	2.5	0.0	2.5	1.3
19	18.0	26.2	20.6	79.7	1.1	3.1	4.2	5.2
20	17.0	22.6	19.0	87.7	0.0	0.0	0.0	0.0
21	16.6	25.9	19.9	78.3	3.5	0.0	3.5	3.7
22	16.9	26.6	21.0	73.3	0.0	0.0	0.0	8.0
23	16.1	27.1	20.6	77.3	0.0	0.0	0.0	5.9
24	17.0	26.9	21.0	80.7	0.0	0.0	0.0	5.2
25	17.3	27.4	21.2	76.7	0.0	0.0	0.0	6.9
26	17.0	26.9	21.0	77.7	0.0	0.0	0.0	7.8
27	17.8	26.5	21.2	75.7	0.0	0.0	0.0	7.3
28	17.1	26.3	19.4	88.7	0.0	10.0	10.0	3.8
29	16.4	26.5	20.8	77.0	0.0	0.0	0.0	6.1
30	18.7	27.6	21.3	75.3	0.0	0.0	0.0	7.6
31	18.5	26.8	21.8	72.7	0.0	0.0		5.1
Total :					25.0	42.9	67.9	143.9
Promedio :	17.6	26.2	20.6	79.4				

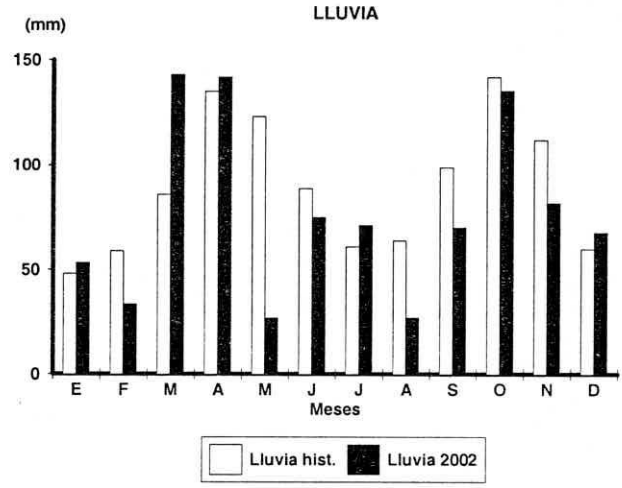
Estación : JULIO FERNANDEZ
Año : 2002

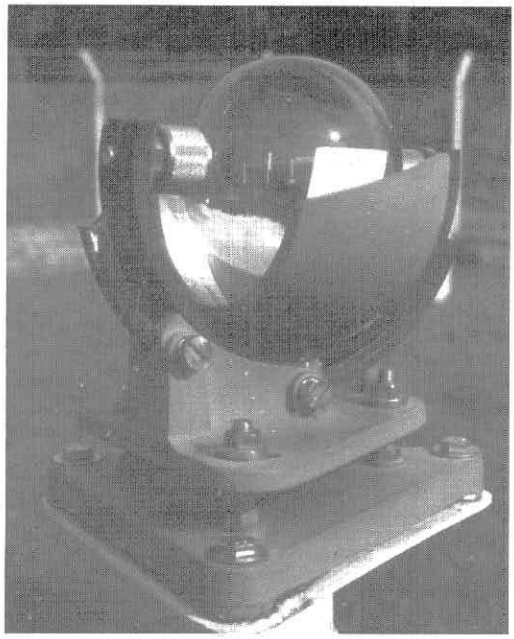
Dpto. : VALLE
Mpio. : RESTREPO

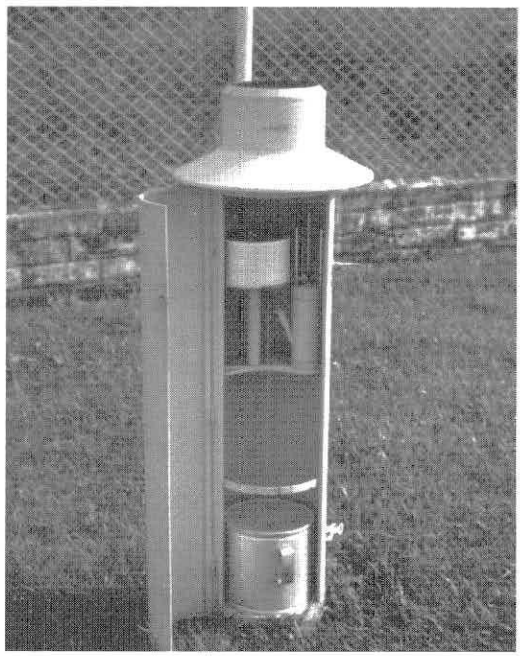
Latitud : 3 ° 48 ' N
Longitud : 76 ° 32 ' W
Altitud : 1360 m

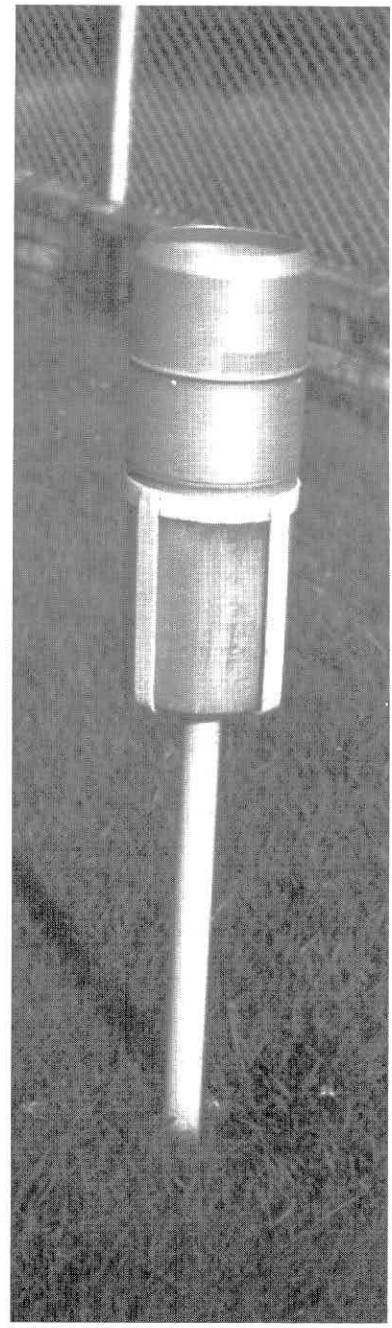
MES	TEMPERATURA °C						PRECIPITACIÓN		
	Mín. Med.	Máx. Med.	Media	Máx. Abs.	Mín. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
Enero	17.4	26.0	20.5	27.8	13.5	73.9	53.4	9	187.3
Febrero	17.1	26.4	20.6	28.0	14.0	73.5	33.6	6	170.8
Marzo	17.3	26.8	20.8	29.5	15.5	74.5	143.0	13	152.5
Abril	17.0	26.3	20.4	28.8	13.5	75.6	141.8	20	117.3
Mayo	17.4	26.7	21.0	29.5	14.6	76.1	26.8	12	129.7
Junio	16.2	26.4	20.2	29.0	13.5	78.1	75.3	10	130.8
Julio	17.7	26.2	20.5	28.8	14.5	79.3	71.4	18	151.2
Agosto	17.3	27.5	20.8	30.2	12.0	76.0	26.9	11	178.6
Septiembre	17.1	27.1	20.6	29.5	14.0	77.1	70.4	12	161.9
Octubre	17.1	26.8	20.3	29.3	15.0	77.8	135.3	18	153.8
Noviembre	16.9	26.0	20.1	28.1	14.5	79.1	82.2	13	149.7
Diciembre	17.6	26.2	20.6	28.8	15.6	79.4	67.9	14	143.9
Promedio :	17.2	26.5	20.5			76.7			
Absoluta :				30.2	12.0				
Total :							928.0	156	1827.5











ESTACIONES HELIOPLUVIOGRÁFICAS

Estación : EL REFUGIO
Año : 2002

Dpto. : CALDAS
Mpio. : NEIRA

Latitud : 5 ° 11 ' N
Longitud : 75° 35 ' W
Altitud : 1320 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	7.0
2	.4	0.0	.4	7.8
3	0.0	0.0	0.0	8.0
4	0.0	0.0	0.0	10.0
5	0.0	0.0	0.0	7.0
6	0.0	0.0	0.0	8.1
7	.6	7.7	8.3	7.5
8	9.0	22.1	31.1	6.8
9	6.2	0.0	6.2	8.2
10	0.0	0.0	0.0	10.3
11	0.0	0.0	0.0	6.0
12	0.0	0.0	0.0	7.3
13	7.8	.5	8.3	6.0
14	0.0	0.0	0.0	3.8
15	0.0	0.0	0.0	9.0
16	0.0	0.0	0.0	8.0
17	0.0	0.0	0.0	10.1
18	0.0	0.0	0.0	9.0
19	0.0	0.0	0.0	7.0
20	0.0	0.0	0.0	2.5
21	0.0	0.0	0.0	9.4
22	0.0	0.0	0.0	2.6
23	0.0	0.0	0.0	7.9
24	0.0	0.0	0.0	7.9
25	0.0	0.0	0.0	5.2
26	0.0	0.0	0.0	4.4
27	0.0	0.0	0.0	8.0
28	0.0	0.0	0.0	9.5
29	0.0	0.0	0.0	6.4
30	0.0	0.0	0.0	1.4
31	0.0	1.4	1.4	1.4
	24.0	31.7	55.7	213.5

Febrero

Día	Precipitación (mm) Noche	Total	Brillo Sol.(h)
0.0	0.0	0.0	7.7
0.0	2.1	2.1	2.9
0.0	0.0	0.0	3.0
0.0	.7	.7	7.0
0.0	4.0	4.0	8.4
0.0	0.0	0.0	9.6
0.0	.7	.7	5.3
0.0	5.3	5.3	1.4
0.0	0.0	0.0	7.2
1.4	0.0	1.4	7.7
0.0	0.0	0.0	5.6
0.0	0.0	0.0	6.1
0.0	0.0	0.0	8.9
0.0	0.0	0.0	8.7
0.0	0.0	0.0	3.8
0.0	0.0	0.0	6.6
0.0	0.0	0.0	9.5
0.0	0.0	0.0	7.3
0.0	2.5	2.5	3.6
0.0	0.0	0.0	9.6
0.0	0.0	0.0	6.7
0.0	.6	.6	4.4
0.0	0.0	0.0	9.7
0.0	0.0	0.0	7.7
0.0	0.0	0.0	7.7
10.0	26.0	36.0	6.1
1.1	.3	1.4	2.5
0.0	0.0	0.0	7.9
12.5	42.2	54.7	182.6

Marzo

Día	Precipitación (mm) Noche	Total	Brillo Sol.(h)
0.0	0.0	0.0	9.7
0.0	0.0	0.0	8.3
0.0	0.0	0.0	6.8
1.0	0.0	1.0	8.8
0.0	0.0	0.0	7.0
0.0	0.0	0.0	8.7
0.0	0.0	0.0	7.2
0.0	0.0	0.0	7.2
0.0	0.0	0.0	6.9
0.0	0.0	0.0	7.0
0.0	3.3	3.3	7.5
1.3	0.0	1.3	3.2
0.0	0.0	0.0	6.8
0.0	17.6	17.6	3.0
1.2	0.0	1.2	5.0
0.0	14.0	14.0	.3
0.0	0.0	0.0	0.0
0.0	11.3	11.3	4.7
2.3	0.0	2.3	.3
0.0	6.1	6.1	6.1
23.1	0.0	23.1	1.0
0.0	0.0	0.0	2.0
0.0	0.0	0.0	3.6
0.0	0.0	0.0	3.8
0.0	2.0	2.0	5.4
0.0	0.0	0.0	7.1
23.7	0.0	23.7	5.6
0.0	0.0	0.0	5.8
0.0	0.0	0.0	5.7
0.0	0.0	0.0	9.9
0.0	1.6	1.6	3.6
52.6	55.9	108.5	168.0

Abril

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	2.5	2.5	4.0
2	1.5	0.0	1.5	3.0
3	0.0	.4	.4	4.9
4	1.3	0.0	1.3	.9
5	2.0	0.0	2.0	3.4
6	0.0	0.0	0.0	6.7
7	0.0	6.9	6.9	.5
8	28.8	.1	28.9	5.7
9	0.0	4.1	4.1	.5
10	0.0	0.0	0.0	3.2
11	0.0	0.0	0.0	4.9
12	0.0	5.0	5.0	7.2
13	0.0	0.0	0.0	6.8
14	0.0	0.0	0.0	4.6
15	0.0	5.3	5.3	7.8
16	0.0	0.0	0.0	8.0
17	0.0	.4	.4	2.7
18	5.9	0.0	5.9	3.5
19	0.0	6.0	6.0	8.2
20	0.0	19.0	19.0	3.0
21	0.0	0.0	0.0	4.3
22	0.0	0.0	0.0	9.6
23	0.0	39.4	39.4	5.3
24	15.0	55.0	70.0	2.5
25	0.0	0.0	0.0	1.5
26	.2	27.8	28.0	1.2
27	0.0	3.9	3.9	2.8
28	0.0	2.9	2.9	6.4
29	0.0	0.0	0.0	5.9
30	0.0	0.0	0.0	2.1
31				
	54.7	178.7	233.4	131.1

Mayo

Día	Precipitación (mm) Noche	Total	Brillo Sol.(h)
0.0	0.0	0.0	6.9
0.0	0.0	0.0	6.5
0.0	13.0	13.0	5.9
0.0	.1	.1	7.4
0.0	0.0	0.0	6.6
0.0	0.0	0.0	9.0
0.0	0.0	0.0	7.5
0.0	31.2	31.2	4.6
0.0	0.0	0.0	6.9
0.0	0.0	0.0	5.3
0.0	0.0	0.0	1.5
0.0	0.0	0.0	7.0
0.0	0.0	0.0	6.5
0.0	0.0	0.0	6.1
0.0	0.0	0.0	1.6
0.0	0.0	0.0	2.5
18.1	1.3	19.4	2.3
6.5	0.0	6.5	4.2
0.0	0.0	0.0	2.1
0.0	0.0	0.0	5.8
0.0	3.5	3.5	2.0
.6	0.0	.6	.5
2.8	.2	3.0	5.0
1.2	39.8	41.0	2.1
24.6	0.0	24.6	3.5
0.0	0.0	0.0	7.0
0.0	43.0	43.0	5.0
4.9	.8	5.7	3.8
0.0	0.0	0.0	6.2
0.0	0.0	0.0	4.4
0.0	0.0	0.0	7.1
58.7	132.9	191.6	152.8

Junio

Día	Precipitación (mm) Noche	Total	Brillo Sol.(h)
0.0	0.0	0.0	0.0
3.3	3.3	6.6	9.2
0.0	0.0	0.0	.3
1.0	.1	1.1	1.6
9.0	21.0	30.0	2.4
0.0	16.0	16.0	2.2
2.1	0.0	2.1	3.1
3.0	3.0	6.0	3.7
0.0	38.0	38.0	3.1
0.0	0.0	0.0	6.9
0.0	0.0	0.0	6.5
0.0	3.0	3.0	6.1
0.0	0.0	0.0	3.8
0.0	0.0	0.0	8.0
0.0	0.0	0.0	7.4
0.0	0.0	0.0	7.4
0.0	0.0	0.0	4.3
0.0	0.0	0.0	5.2
0.0	0.0	0.0	10.7
0.0	0.0	0.0	4.8
0.0	0.0	0.0	6.1
0.0	0.0	0.0	5.6
0.0	0.0	0.0	3.7
0.0	0.0	0.0	7.5
0.0	0.0	0.0	7.7
0.0	0.0	0.0	7.1
0.0	0.0	0.0	6.3
0.0	0.0	0.0	10.8
0.0	0.0	0.0	9.0
0.0	0.0	0.0	8.5
18.4	84.4	102.8	169.0

Estación : EL REFUGIO
Año : 2002

Dpto. : CALDAS
Mpio. : NEIRA

Latitud : 5 ° 11 ' N
Longitud : 75° 35 ' W
Altitud : 1320 m

Julio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	0.0	0.0	8.0
2	0.0	0.0	0.0	2.4
3	0.0	0.0	0.0	7.8
4	0.0	0.0	0.0	7.3
5	.2	40.8	41.0	2.5
6	.2	0.0	.2	2.3
7	0.0	0.0	0.0	6.8
8	0.0	0.0	0.0	7.0
9	0.0	0.0	0.0	7.5
10	0.0	0.0	0.0	7.1
11	0.0	0.0	0.0	8.5
12	0.0	0.0	0.0	9.6
13	0.0	0.0	0.0	10.3
14	0.0	0.0	0.0	7.9
15	0.0	10.6	10.6	4.6
16	0.0	0.0	0.0	7.0
17	0.0	0.0	0.0	3.2
18	6.2	0.0	6.2	4.7
19	0.0	0.0	0.0	1.6
20	0.0	0.0	0.0	3.5
21	0.0	0.0	0.0	3.4
22	0.0	0.0	0.0	7.2
23	0.0	.1	.1	6.7
24	0.0	1.0	1.0	8.3
25	0.0	0.0	0.0	4.5
26	0.0	0.0	0.0	10.6
27	0.0	0.0	0.0	8.8
28	0.0	0.0	0.0	6.5
29	0.0	0.0	0.0	9.2
30	0.0	0.0	0.0	8.0
31	0.0	0.0	0.0	2.8
	6.6	52.5	59.1	195.6

Agosto

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	0.0	0.0	8.6
2	0.0	0.0	0.0	9.5
3	0.0	0.0	0.0	4.4
4	0.0	0.0	0.0	8.1
5	0.0	0.0	0.0	9.4
6	0.0	0.0	0.0	9.9
7	0.0	0.0	0.0	4.5
8	0.0	0.0	0.0	6.6
9	0.0	0.0	0.0	3.6
10	0.0	0.0	0.0	7.6
11	0.0	0.0	0.0	7.3
12	0.0	0.0	0.0	9.6
13	0.0	0.0	0.0	7.4
14	0.0	0.0	0.0	9.4
15	0.0	0.0	0.0	9.2
16	0.0	0.0	0.0	8.3
17	0.0	0.0	0.0	5.9
18	0.0	0.0	0.0	7.2
19	0.0	0.0	0.0	8.0
20	0.0	0.0	0.0	8.6
21	0.0	0.0	0.0	9.5
22	0.0	0.0	0.0	10.6
23	0.0	0.0	0.0	10.0
24	0.0	0.0	0.0	1.5
25	0.0	48.0	48.0	2.0
26	.3	6.7	7.0	3.5
27	0.0	0.0	0.0	2.5
28	.9	22.4	23.3	2.5
29	0.0	0.0	0.0	4.5
30	0.0	0.0	0.0	7.0
31	0.0	0.0	0.0	2.0
	1.2	77.1	78.3	208.7

Septiembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	29.0	29.0	4.0
2	0.0	0.0	0.0	1.5
3	0.0	0.0	0.0	7.0
4	0.0	0.0	0.0	9.5
5	0.0	0.0	0.0	7.3
6	0.0	0.0	0.0	5.0
7	0.0	20.0	20.0	10.3
8	0.0	0.0	0.0	8.0
9	0.0	0.0	0.0	3.2
10	0.0	0.0	0.0	2.2
11	0.0	0.0	0.0	3.0
12	0.0	0.0	0.0	8.2
13	0.0	0.0	0.0	7.9
14	0.0	26.0	26.0	5.1
15	0.0	0.0	0.0	5.4
16	0.0	0.0	0.0	3.0
17	0.0	0.0	0.0	1.1
18	0.0	0.0	0.0	5.0
19	0.0	0.0	0.0	4.3
20	0.0	0.0	0.0	5.0
21	0.0	0.0	0.0	7.2
22	0.0	0.0	0.0	8.1
23	0.0	0.0	0.0	4.9
24	0.0	0.0	0.0	6.8
25	0.0	0.0	0.0	5.0
26	0.0	4.0	4.0	2.0
27	0.0	48.0	48.0	5.0
28	0.0	0.0	0.0	3.2
29	0.0	24.0	24.0	5.9
30	0.0	0.0	0.0	8.6
31				
	0.0	151.0	151.0	162.7

Octubre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	1.4	54.6	56.0	8.9
2	0.0	17.0	17.0	8.4
3	0.0	7.0	7.0	6.1
4	0.0	0.0	0.0	3.8
5	0.0	0.0	0.0	6.7
6	0.0	0.0	0.0	6.4
7	4.9	2.1	7.0	2.0
8	0.0	0.0	0.0	9.9
9	7.2	.8	8.0	7.8
10	0.0	22.0	22.0	2.9
11	3.2	0.0	3.2	3.3
12	0.0	0.0	0.0	2.9
13	0.0	0.0	0.0	3.5
14	0.0	0.0	0.0	6.5
15	.5	0.0	.5	6.8
16	0.0	17.9	17.9	7.4
17	0.0	2.7	2.7	1.1
18	0.0	0.0	0.0	4.3
19	0.0	0.0	0.0	7.1
20	0.0	0.0	0.0	4.9
21	0.0	7.0	7.0	2.8
22	0.0	0.0	0.0	.5
23	0.0	10.0	10.0	1.6
24	1.1	1.1	2.2	2.7
25	0.0	0.0	0.0	4.6
26	0.0	0.0	0.0	2.3
27	0.0	0.0	0.0	2.6
28	.2	0.0	.2	6.2
29	0.0	15.2	15.2	3.3
30	0.0	0.0	0.0	.8
31	0.0	2.5	2.5	4.8
	18.5	159.9	178.4	142.9

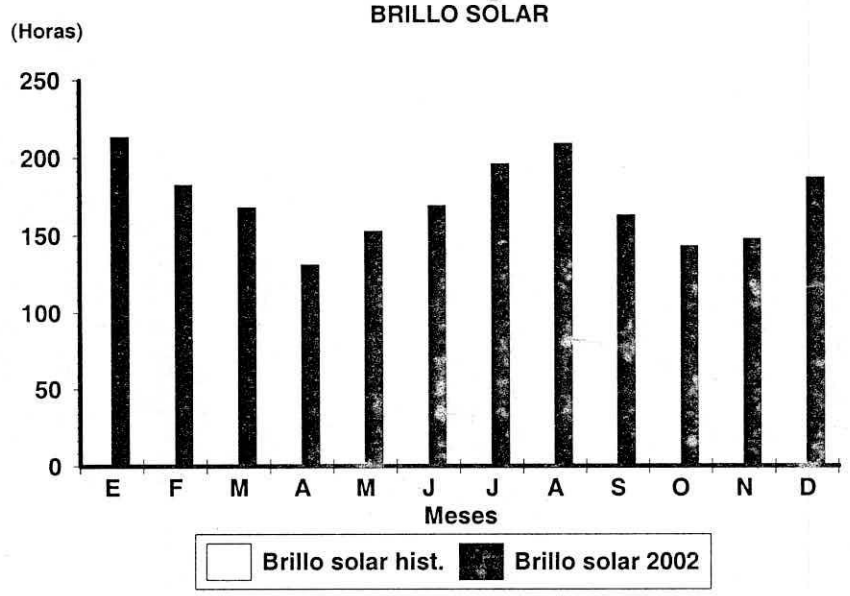
Noviembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	4.5	17.5	22.0	5.9
2	9.3	19.7	29.0	3.0
3	0.0	0.0	0.0	.2
4	2.8	13.2	16.0	5.6
5	0.0	0.0	0.0	6.6
6	0.0	4.5	4.5	4.8
7	0.0	29.0	29.0	2.0
8	0.0	1.0	1.0	0.0
9	0.0	.3	.3	4.7
10	0.0	0.0	0.0	6.1
11	0.0	0.0	0.0	6.0
12	.4	61.6	62.0	3.0
13	0.0	0.0	0.0	4.7
14	0.0	0.0	0.0	4.0
15	0.0	0.0	0.0	4.6
16	0.0	0.0	0.0	6.9
17	0.0	0.0	0.0	4.5
18	0.0	0.0	0.0	7.1
19	0.0	0.0	0.0	5.0
20	0.0	0.0	0.0	8.2
21	0.0	0.0	0.0	10.0
22	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	9.8
24	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	9.5
26	0.0	0.0	0.0	6.8
27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	6.0
29	0.0	0.0	0.0	3.2
30	0.0	4.4	4.4	9.1
31				
	17.0	151.2	168.2	147.3

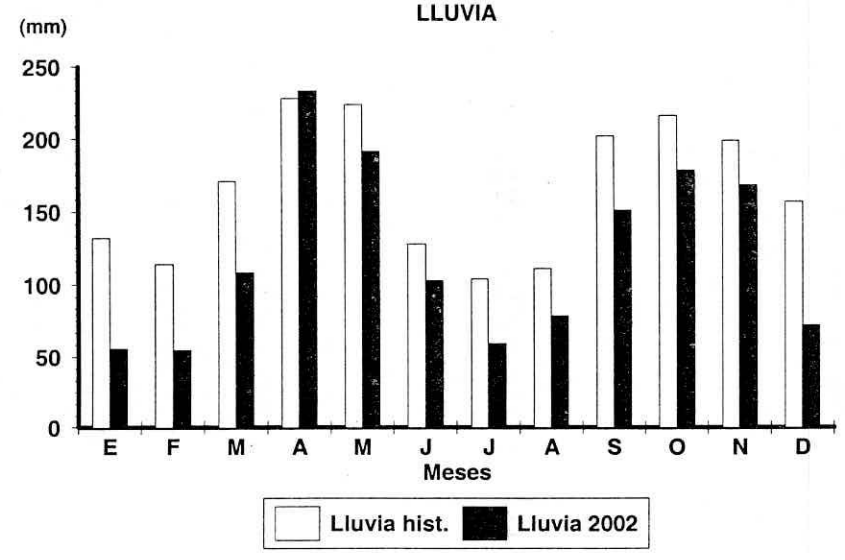
Diciembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	0.0	0.0	8.4
2	0.0	0.0	0.0	9.3
3	0.0	0.0	0.0	4.1
4	0.0	0.0	0.0	4.4
5	0.0	0.0	0.0	5.8
6	0.0	0.0	0.0	6.5
7	0.0	0.0	0.0	6.7
8	0.0	0.0	0.0	8.5
9	0.0	0.0	0.0	9.0
10	0.0	0.0	0.0	6.9
11	0.0	0.0	0.0	5.3
12	0.0	0.0	0.0	8.0
13	0.0	0.0	0.0	6.0
14	0.0	3.0	3.0	1.9
15	17.0	15.0	32.0	2.0
16	4.4	11.6	16.0	1.8
17	7.1	12.9	20.0	.5
18	0.0	0.0	0.0	5.2
19	0.0	0.0	0.0	3.7
20	.5	.3	.8	2.7
21	0.0	0.0	0.0	7.4
22	0.0	0.0	0.0	5.1
23	0.0	0.0	0.0	7.0
24	0.0	0.0	0.0	7.8
25	0.0	0.0	0.0	8.0
26	0.0	0.0	0.0	7.6
27	0.0	0.0	0.0	8.5
28	0.0	0.0	0.0	8.6
29	0.0	0.0	0.0	7.2
30	.2	0.0	.2	6.3
31	0.0	0.0		6.5
	29.2	42.8	72.0	186.7

El Refugio
BRILLO SOLAR



LLUVIA



Estación : LA ROCALLOSA
Año : 2002

Dpto. : QUINDIO
Mpio. : SALENTO

Latitud : 5 ° 35 ' N
Longitud : 75° 38 ' W
Altitud : 1585 m

Enero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	2.3	0.0	2.3	5.9
2	0.0	0.0	0.0	3.7
3	0.0	0.0	0.0	5.9
4	0.0	0.0	0.0	6.1
5	0.0	0.0	0.0	5.9
6	0.0	33.2	33.2	7.5
7	4.5	20.7	25.2	0.0
8	1.3	1.4	2.7	6.2
9	28.5	13.5	42.0	6.2
10	0.0	0.0	0.0	7.8
11	0.0	0.0	0.0	5.6
12	4.4	15.0	19.4	4.2
13	3.2	.2	3.4	0.0
14	0.0	0.0	0.0	3.1
15	.9	0.0	.9	6.5
16	0.0	.5	.5	5.4
17	0.0	0.0	0.0	5.3
18	9.3	0.0	9.3	6.0
19	5.0	2.1	7.1	6.4
20	45.5	0.0	45.5	4.7
21	.3	0.0	.3	3.5
22	0.0	0.0	0.0	8.2
23	0.0	0.0	0.0	7.6
24	0.0	0.0	0.0	3.6
25	0.0	0.0	0.0	2.4
26	0.0	0.0	0.0	4.1
27	0.0	0.0	0.0	6.5
28	0.0	0.0	0.0	9.7
29	0.0	0.0	0.0	8.1
30	0.0	0.0	0.0	1.7
31	0.0	0.0	0.0	.6
	105.2	86.6	191.8	158.4

Febrero

Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	0.0	0.0	3.4
2	2.0	0.0	2.0	5.7
3	45.8	0.0	45.8	1.2
4	.3	.1	.4	1.6
5	0.0	0.0	0.0	8.2
6	0.0	0.0	0.0	7.6
7	0.0	4.8	4.8	7.3
8	0.0	.8	.8	1.5
9	1.6	0.0	1.6	1.8
10	0.0	0.0	0.0	3.2
11	9.0	0.0	9.0	2.2
12	9.7	0.0	9.7	3.1
13	.4	0.0	.4	3.5
14	24.8	0.0	24.8	5.3
15	0.0	0.0	0.0	5.9
16	0.0	0.0	0.0	5.6
17	0.0	0.0	0.0	6.2
18	0.0	0.0	0.0	5.8
19	.2	0.0	.2	2.6
20	0.0	0.0	0.0	4.9
21	0.0	0.0	0.0	5.4
22	0.0	0.0	0.0	.3
23	0.0	0.0	0.0	2.1
24	0.0	0.0	0.0	8.0
25	0.0	.2	.2	6.9
26	0.0	.2	.2	2.2
27	1.2	3.7	4.9	.9
28	0.0	0.0	0.0	2.7
29				
30				
31				
	95.2	9.6	104.8	115.1

Marzo

Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	0.0	0.0	8.1
2	.2	0.0	.2	2.3
3	1.7	1.4	3.1	1.3
4	0.0	0.0	0.0	1.6
5	.7	0.0	.7	3.9
6	0.0	13.7	13.7	4.5
7	3.0	0.0	3.0	2.0
8	7.8	0.0	7.8	.2
9	14.3	0.0	14.3	6.1
10	.4	0.0	.4	4.8
11	4.2	0.0	4.2	4.4
12	23.3	0.0	23.3	2.2
13	0.0	0.0	0.0	3.1
14	0.0	0.0	0.0	1.9
15	20.2	0.0	20.2	5.9
16	0.0	0.0	0.0	6.5
17	0.0	0.0	0.0	8.2
18	0.0	0.0	0.0	1.4
19	1.9	0.0	1.9	.7
20	0.0	10.5	10.5	1.0
21	5.4	0.0	5.4	2.7
22	0.0	0.0	0.0	.2
23	24.7	7.0	31.7	3.2
24	.3	0.0	.3	1.0
25	1.6	20.7	22.3	2.7
26	6.5	0.0	6.5	.6
27	32.7	0.0	32.7	2.7
28	0.0	0.0	0.0	2.2
29	0.0	0.0	0.0	3.2
30	0.0	0.0	0.0	8.3
31	0.0	0.0	0.0	7.6
	148.9	53.3	202.2	104.5

Abril

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	9.3	0.0	9.3	3.5
2	1.0	0.0	1.0	0.0
3	1.8	0.0	1.8	2.1
4	1.1	0.0	1.1	3.7
5	48.3	0.0	48.3	4.7
6	0.0	14.9	14.9	3.6
7	.3	.7	1.0	.4
8	8.5	45.4	53.9	1.6
9	.9	.3	1.2	3.7
10	41.5	0.0	41.5	.7
11	0.0	2.8	2.8	6.0
12	0.0	0.0	0.0	4.4
13	0.0	0.0	0.0	4.0
14	0.0	0.0	0.0	4.3
15	0.0	0.0	0.0	2.6
16	1.2	0.0	1.2	.6
17	0.0	.3	.3	.7
18	14.1	0.0	14.1	3.9
19	0.0	2.1	2.1	1.5
20	0.0	9.6	9.6	.8
21	0.0	0.0	0.0	3.6
22	3.8	0.0	3.8	2.6
23	12.9	1.1	14.0	3.3
24	4.2	54.5	58.7	.3
25	2.9	6.2	9.1	0.0
26	5.4	3.0	8.4	0.0
27	6.5	0.0	6.5	.8
28	11.1	30.8	41.9	2.6
29	0.0	0.0	0.0	4.5
30	0.0	.1	.1	.5
31				
	174.8	171.8	346.6	71.0

Mayo

Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	0.0	0.0	1.5
2	.1	0.0	.1	4.0
3	0.0	0.0	0.0	4.0
4	7.5	0.0	7.5	6.9
5	0.0	0.0	0.0	7.1
6	0.0	0.0	0.0	4.6
7	0.0	0.0	0.0	7.7
8	0.0	0.0	0.0	.3
9	0.0	0.0	0.0	7.3
10	0.0	0.0	0.0	2.8
11	0.0	0.0	0.0	.3
12	0.0	0.0	0.0	8.3
13	0.0	0.0	0.0	.3
14	0.0	0.0	0.0	2.6
15	0.0	0.0	0.0	1.2
16	0.0	.3	.3	1.2
17	.9	2.7	3.6	.4
18	4.7	.4	5.1	1.4
19	0.0	0.0	0.0	1.1
20	1.8	1.9	3.7	2.5
21	0.0	0.0	0.0	.1
22	.2	0.0	.2	.1
23	0.0	0.0	0.0	5.9
24	0.0	1.4	1.4	1.8
25	29.2	3.0	32.2	.3
26	0.0	0.0	0.0	3.0
27	1.4	45.3	46.7	1.2
28	.8	.2	1.0	1.7
29	0.0	.7	.7	3.9
30	.1	0.0	.1	1.9
31	1.4	0.0	1.4	.2
	48.1	55.9	104.0	85.6

Junio

Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	7.3	7.3	2.2
2	3.0	.5	3.5	2.7
3	8.1	0.0	8.1	1.9
4	2.3	0.0	2.3	0.0
5	9.0	68.1	77.1	.3
6	.8	0.0	.8	3.1
7	0.0	11.5	11.5	5.1
8	0.0	0.0	0.0	.5
9	.8	0.0	.8	1.0
10	0.0	1.0	1.0	4.3
11	.6	0.0	.6	1.2
12	0.0	2.9	2.9	1.7
13	1.3	.7	2.0	3.3
14	0.0	0.0	0.0	2.4
15	0.0	0.0	0.0	7.3
16	.2	0.0	.2	2.0
17	0.0	0.0	0.0	4.3
18	0.0	0.0	0.0	8.9
19	0.0	0.0	0.0	4.0
20	0.0	0.0	0.0	4.5
21	0.0	0.0	0.0	4.8
22	0.0	0.0	0.0	5.6
23	0.0	0.0	0.0	5.4
24	0.0	0.0	0.0	4.6
25	0.0	0.0	0.0	5.2
26	0.0	0.0	0.0	3.4
27	0.0	0.0	0.0	2.8
28	0.0	0.0	0.0	4.5
29	0.0	0.0	0.0	9.1
30	0.0	0.0	0.0	4.9
31				
	26.1	92.0	118.1	111.0

Estación : LA ROCALLOSA
Año : 2002

Dpto. : QUINDIO
Mpio. : SALENTO

Latitud : 5 ° 35 ' N
Longitud : 75° 38 ' W
Altitud : 1585 m

Julio

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	1.6
2	0.0	.4	.4	6.8
3	9.1	5.2	14.3	7.1
4	0.0	0.0	0.0	4.6
5	0.0	0.0	0.0	.1
6	0.0	0.0	0.0	1.1
7	0.0	0.0	0.0	7.0
8	.5	0.0	.5	7.0
9	.2	0.0	.2	3.4
10	0.0	0.0	0.0	.6
11	0.0	0.0	0.0	3.6
12	0.0	0.0	0.0	9.1
13	0.0	0.0	0.0	10.1
14	0.0	0.0	0.0	5.8
15	0.0	4.7	4.7	2.6
16	0.0	0.0	0.0	4.2
17	0.0	0.0	0.0	2.3
18	3.0	0.0	3.0	1.2
19	0.0	0.0	0.0	3.7
20	0.0	0.0	0.0	2.0
21	.2	.1	.3	3.9
22	.3	0.0	.3	5.4
23	0.0	0.0	0.0	2.2
24	0.0	0.0	0.0	3.1
25	0.0	0.0	0.0	9.3
26	0.0	0.0	0.0	4.6
27	0.0	0.0	0.0	6.0
28	0.0	0.0	0.0	6.9
29	0.0	0.0	0.0	7.0
30	0.0	0.0	0.0	2.2
31	0.0	0.0	0.0	6.8
	13.3	10.4	23.7	141.3

Agosto

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	9.7
2	0.0	0.0	0.0	8.5
3	0.0	0.0	0.0	4.1
4	0.0	0.0	0.0	7.5
5	0.0	0.0	0.0	8.9
6	0.0	0.0	0.0	4.6
7	0.0	0.0	0.0	2.5
8	.2	0.0	.2	2.8
9	0.0	0.0	0.0	3.7
10	0.0	0.0	0.0	8.4
11	0.0	0.0	0.0	7.2
12	0.0	0.0	0.0	5.6
13	0.0	0.0	0.0	7.0
14	0.0	0.0	0.0	6.9
15	0.0	0.0	0.0	7.4
16	0.0	0.0	0.0	6.8
17	0.0	0.0	0.0	8.8
18	0.0	0.0	0.0	6.8
19	0.0	0.0	0.0	3.0
20	0.0	0.0	0.0	5.4
21	0.0	0.0	0.0	9.4
22	0.0	0.0	0.0	4.4
23	0.0	0.0	0.0	5.3
24	.4	0.0	.4	6.1
25	0.0	0.0	0.0	5.1
26	0.0	0.0	0.0	4.5
27	0.0	0.0	0.0	1.6
28	.5	31.0	31.5	2.4
29	0.0	0.0	0.0	4.5
30	0.0	0.0	0.0	4.0
31	2.4	0.0	2.4	2.7
	3.5	31.0	34.5	175.6

Septiembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	10.7	1.0	11.7	.6
2	0.0	0.0	0.0	2.5
3	.3	.2	.5	3.1
4	0.0	.3	.3	6.8
5	0.0	0.0	0.0	9.3
6	0.0	0.0	0.0	2.8
7	0.0	0.0	0.0	6.7
8	0.0	0.0	0.0	7.9
9	0.0	0.0	0.0	3.4
10	.5	0.0	.5	1.1
11	0.0	0.0	0.0	4.1
12	0.0	0.0	0.0	9.2
13	.2	0.0	.2	4.9
14	0.0	0.0	0.0	1.7
15	0.0	0.0	0.0	3.6
16	0.0	0.0	0.0	2.2
17	.3	0.0	.3	.3
18	0.0	2.3	2.3	.2
19	0.0	0.0	0.0	6.0
20	0.0	0.0	0.0	5.2
21	2.4	0.0	2.4	6.1
22	0.0	0.0	0.0	4.7
23	10.0	0.0	10.0	1.4
24	11.5	0.0	11.5	3.0
25	7.5	71.7	79.2	2.4
26	1.6	15.4	17.0	.9
27	8.1	6.2	14.3	5.5
28	1.5	0.0	1.5	2.9
29	0.0	0.0	0.0	3.7
30	0.0	0.0	0.0	6.9
31				
	54.6	97.1	151.7	119.1

Octubre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	7.3
2	0.0	0.0	0.0	9.5
3	0.0	0.0	0.0	7.6
4	0.0	0.0	0.0	4.0
5	0.0	0.0	0.0	4.1
6	.2	1.9	2.1	3.2
7	19.3	0.0	19.3	1.6
8	.3	0.0	.3	3.0
9	.5	0.0	.5	6.2
10	37.5	15.4	52.9	4.4
11	0.0	0.0	0.0	4.4
12	0.0	0.0	0.0	5.4
13	0.0	0.0	0.0	4.7
14	.7	0.0	.7	3.0
15	.2	0.0	.2	1.5
16	4.8	0.0	4.8	3.3
17	6.5	0.0	6.5	.7
18	.8	0.0	.8	3.3
19	.5	0.0	.5	4.0
20	3.6	.2	3.8	2.5
21	0.0	11.2	11.2	1.5
22	11.6	0.0	11.6	0.0
23	3.4	15.3	18.7	2.3
24	.8	2.2	3.0	4.2
25	3.1	.2	3.3	3.5
26	5.6	23.4	29.0	1.6
27	.6	0.0	.6	1.4
28	22.6	4.7	27.3	3.3
29	9.5	43.0	52.5	2.0
30	.5	.3	.8	.7
31	0.0	25.8	25.8	3.4
	132.6	143.6	276.2	107.6

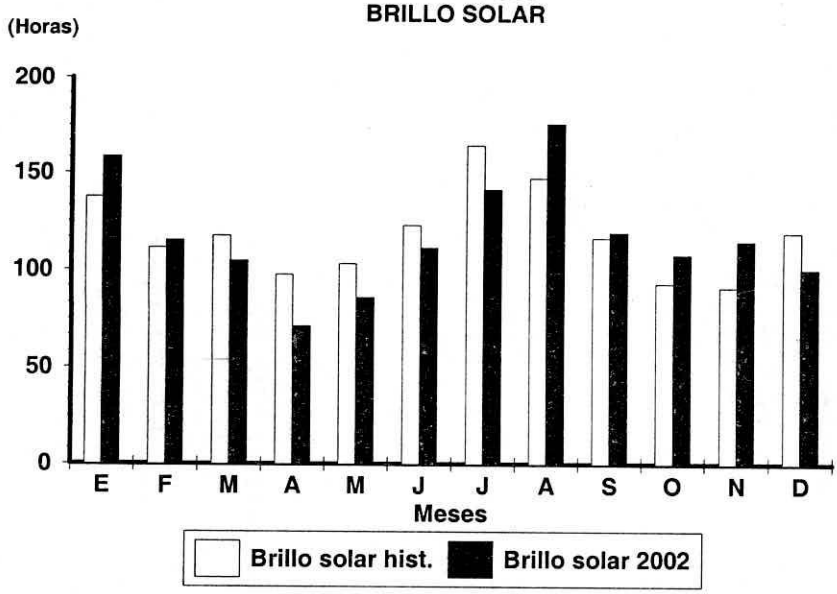
Noviembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	1.5	1.5	3.0	2.8
2	2.5	1.5	4.0	.7
3	3.8	0.0	3.8	0.0
4	2.8	42.3	45.1	4.1
5	1.7	25.0	26.7	3.2
6	0.0	1.9	1.9	1.5
7	2.5	2.8	5.3	0.0
8	4.9	0.0	4.9	1.5
9	1.8	.1	1.9	2.3
10	0.0	0.0	0.0	5.9
11	0.0	0.0	0.0	3.4
12	2.9	0.0	2.9	1.9
13	2.8	9.3	12.1	.9
14	0.0	0.0	0.0	2.0
15	0.0	0.0	0.0	3.7
16	0.0	0.0	0.0	3.8
17	1.7	0.0	1.7	1.5
18	7.9	0.0	7.9	3.1
19	0.0	0.0	0.0	3.9
20	0.0	0.0	0.0	6.6
21	1.4	0.0	1.4	4.3
22	0.0	0.0	0.0	5.0
23	0.0	0.0	0.0	9.3
24	0.0	0.0	0.0	4.9
25	0.0	0.0	0.0	8.6
26	0.0	0.0	0.0	7.4
27	16.4	0.0	16.4	5.2
28	0.0	0.0	0.0	7.9
29	0.0	0.0	0.0	7.9
30	0.0	0.0	0.0	1.3
31				
	54.6	84.4	139.0	114.6

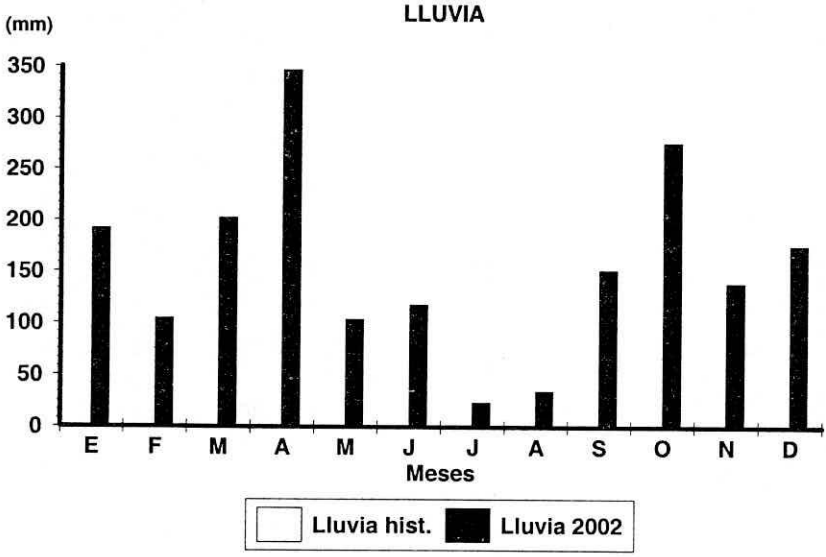
Diciembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	3.5
2	0.0	0.0	0.0	0.0
3	2.5	0.0	2.5	.1
4	.3	0.0	.3	3.3
5	.6	22.2	22.8	3.0
6	0.0	0.0	0.0	1.4
7	2.2	0.0	2.2	1.1
8	11.3	4.2	15.5	4.0
9	.1	0.0	.1	5.1
10	0.0	0.0	0.0	5.7
11	39.6	0.0	39.6	6.7
12	0.0	0.0	0.0	3.2
13	0.0	0.0	0.0	5.7
14	1.0	29.5	30.5	5.3
15	15.0	0.0	15.0	0.0
16	0.0	.4	.4	0.0
17	0.0	0.0	0.0	.9
18	7.9	0.0	7.9	0.0
19	12.7	0.0	12.7	1.0
20	3.4	0.0	3.4	4.7
21	10.4	.1	10.5	1.7
22	0.0	0.0	0.0	3.5
23	.1	0.0	.1	4.8
24	0.0	0.0	0.0	4.3
25	0.0	0.0	0.0	4.7
26	6.4	0.0	6.4	4.1
27	0.0	0.0	0.0	5.3
28	0.0	0.0	0.0	3.6
29	4.3	0.0	4.3	3.4
30	1.1	0.0	1.1	5.4
31	0.0	0.0		4.7
	118.9	56.4	175.3	100.2

La Rocallosa
BRILLO SOLAR



LLUVIA



Estación : BREMEN
Año : 2002

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	4.5	0.0	4.5	3.3
2	1.9	0.0	1.9	4.7
3	4.8	0.0	4.8	2.3
4	0.0	0.0	0.0	5.0
5	0.0	0.0	0.0	3.5
6	0.0	21.7	21.7	5.1
7	5.7	24.9	30.6	2.1
8	0.0	4.2	4.2	5.2
9	11.0	1.0	12.0	3.3
10	0.0	0.0	0.0	5.5
11	0.0	0.0	0.0	5.1
12	1.1	32.7	33.8	2.2
13	10.9	.8	11.7	.3
14	0.0	0.0	0.0	2.9
15	0.0	0.0	0.0	5.1
16	0.0	0.0	0.0	4.2
17	6.0	0.0	6.0	4.0
18	9.5	.1	9.6	6.0
19	5.0	0.0	5.0	4.5
20	10.9	0.0	10.9	3.7
21	0.0	0.0	0.0	4.9
22	0.0	0.0	0.0	9.2
23	0.0	0.0	0.0	7.2
24	1.6	0.0	1.6	2.4
25	0.0	0.0	0.0	1.5
26	0.0	0.0	0.0	5.1
27	0.0	0.0	0.0	8.0
28	0.0	0.0	0.0	5.8
29	4.1	0.0	4.1	7.2
30	0.0	0.0	0.0	.8
31	0.0	0.0	0.0	.3
	77.0	85.4	162.4	130.4

Febrero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	15.1	0.0	15.1	1.6
2	7.3	0.0	7.3	5.5
3	8.0	.1	8.1	1.0
4	0.0	0.0	0.0	.6
5	0.0	0.0	0.0	7.2
6	0.0	0.0	0.0	8.2
7	0.0	8.4	8.4	9.2
8	.5	0.0	.5	1.3
9	4.2	0.0	4.2	.7
10	5.4	0.0	5.4	5.2
11	1.5	0.0	1.5	1.3
12	65.3	0.0	65.3	2.1
13	1.3	0.0	1.3	2.6
14	8.8	0.0	8.8	4.3
15	1.1	0.0	1.1	4.7
16	0.0	0.0	0.0	4.0
17	0.0	0.0	0.0	5.0
18	0.0	.3	.3	5.0
19	0.0	0.0	0.0	2.5
20	2.9	0.0	2.9	3.5
21	0.0	.3	.3	4.1
22	0.0	.3	.3	.1
23	0.0	0.0	0.0	1.3
24	0.0	0.0	0.0	8.1
25	0.0	0.0	0.0	4.8
26	.5	0.0	.5	2.2
27	8.0	.1	8.1	.3
28	0.0	0.0	0.0	2.4
	129.9	9.5	139.4	98.8

Marzo

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	4.9
2	1.8	0.0	1.8	5.9
3	2.3	.3	2.6	4.8
4	7.7	.8	8.5	2.2
5	.6	0.0	.6	1.3
6	4.1	0.0	4.1	3.8
7	0.0	0.0	0.0	1.3
8	3.6	0.0	3.6	4.3
9	0.0	0.0	0.0	5.3
10	0.0	0.0	0.0	8.7
11	0.0	.2	.2	2.1
12	4.3	0.0	4.3	.7
13	.4	18.2	18.6	1.5
14	14.2	0.0	14.2	1.9
15	.9	.2	1.1	.7
16	5.0	3.5	8.5	3.3
17	2.0	0.0	2.0	.9
18	2.0	2.3	4.3	1.9
19	10.0	.1	10.1	.1
20	.5	48.7	49.2	1.0
21	1.3	0.0	1.3	0.0
22	25.9	0.0	25.9	1.6
23	5.4	0.0	5.4	1.9
24	4.0	.3	4.3	.4
25	.1	0.0	.1	4.6
26	4.0	.2	4.2	3.0
27	56.2	0.0	56.2	3.3
28	89.7	0.0	89.7	1.5
29	0.0	0.0	0.0	2.2
30	0.0	0.0	0.0	8.4
31	1.1	0.0	1.1	6.6
	247.1	74.8	321.9	90.1

Abril

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	8.4	.2	8.6	3.0
2	23.5	0.0	23.5	0.0
3	1.8	0.0	1.8	2.3
4	4.2	0.0	4.2	2.9
5	30.3	.2	30.5	4.1
6	0.0	63.5	63.5	2.9
7	9.8	.3	10.1	0.0
8	3.6	29.5	33.1	1.4
9	5.7	1.4	7.1	2.1
10	20.8	0.0	20.8	2.0
11	0.0	1.7	1.7	4.5
12	0.0	0.0	0.0	3.2
13	.5	0.0	.5	1.0
14	5.3	0.0	5.3	2.2
15	35.0	.8	35.8	4.3
16	.4	0.0	.4	3.5
17	.2	3.4	3.6	1.6
18	8.6	0.0	8.6	0.0
19	0.0	10.1	10.1	3.0
20	0.0	.8	.8	2.5
21	0.0	0.0	0.0	2.5
22	6.3	0.0	6.3	3.2
23	.1	8.0	8.1	4.8
24	13.7	63.0	76.7	.2
25	.9	1.4	2.3	0.0
26	2.8	4.7	7.5	.2
27	16.3	0.0	16.3	.7
28	16.1	6.5	22.6	1.7
29	.3	0.0	.3	4.0
30	0.0	0.0	0.0	.2
31				
	214.6	195.5	410.1	64.0

Mayo

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	1.1	0.0	1.1	2.2
2	.2	0.0	.2	3.0
3	.8	0.0	.8	3.0
4	0.0	0.0	0.0	7.0
5	0.0	0.0	0.0	8.4
6	0.0	0.0	0.0	5.3
7	0.0	.4	.4	6.5
8	0.0	0.0	0.0	3.8
9	0.0	0.0	0.0	7.6
10	0.0	0.0	0.0	6.3
11	0.0	0.0	0.0	.5
12	0.0	0.0	0.0	10.4
13	0.0	0.0	0.0	.5
14	0.0	0.0	0.0	3.0
15	.2	0.0	.2	2.1
16	0.0	.7	.7	1.4
17	1.8	1.7	3.5	.2
18	2.9	1.2	4.1	.2
19	0.0	0.0	0.0	1.4
20	9.2	1.2	10.4	1.4
21	1.0	6.5	7.5	.2
22	7.6	0.0	7.6	0.0
23	0.0	0.0	0.0	2.5
24	0.0	0.0	0.0	6.3
25	34.0	3.2	37.2	0.0
26	0.0	0.0	0.0	2.1
27	6.9	13.6	20.5	1.2
28	.6	.5	1.1	2.7
29	.3	.5	.8	4.3
30	2.0	2.0	4.0	.6
31	1.2	0.0	1.2	0.0
	69.8	31.5	101.3	94.1

Junio

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	1.1	1.1	2.2
2	3.6	0.0	3.6	2.7
3	.6	0.0	.6	2.0
4	2.4	0.0	2.4	.1
5	24.0	29.8	53.8	.2
6	13.6	9.6	23.2	.6
7	.3	0.0	.3	.8
8	0.0	12.5	12.5	2.7
9	0.0	0.0	0.0	1.3
10	0.0	.8	.8	2.9
11	2.2	0.0	2.2	1.5
12	1.9	0.0	1.9	2.2
13	.6	0.0	.6	.6
14	0.0	.5	.5	3.2
15	0.0	0.0	0.0	4.3
16	.1	0.0	.1	5.4
17	0.0	0.0	0.0	1.6
18	0.0	0.0	0.0	1.7
19	0.0	0.0	0.0	10.3
20	0.0	0.0	0.0	5.7
21	0.0	0.0	0.0	7.6
22	0.0	0.0	0.0	5.1
23	0.0	0.0	0.0	6.4
24	0.0	0.0	0.0	6.4
25	0.0	0.0	0.0	7.1
26	0.0	0.0	0.0	8.1
27	0.0	0.0	0.0	3.8
28	13.2	0.0	13.2	1.7
29	24.2	0.0	24.2	2.2
30	0.0	0.0	0.0	9.7
31				
	86.7	54.3	141.0	110.1

Estación : BREMEN
Año : 2002

Dpto. : QUINDIO
Mpio. : CIRCASIA

Latitud : 4 ° 40 ' N
Longitud : 75° 37 ' W
Altitud : 2040 m

Julio

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	9.2
2	0.0	0.0	0.0	7.7
3	0.0	0.0	0.0	4.3
4	1.2	10.7	11.9	4.8
5	23.8	10.6	34.4	.2
6	0.0	0.0	0.0	.6
7	0.0	0.0	0.0	5.8
8	0.0	0.0	0.0	6.7
9	1.1	0.0	1.1	4.2
10	4.4	0.0	4.4	.8
11	0.0	0.0	0.0	2.0
12	0.0	0.0	0.0	10.0
13	0.0	0.0	0.0	10.7
14	0.0	0.0	0.0	6.0
15	0.0	0.0	0.0	3.4
16	0.0	0.0	0.0	2.0
17	0.0	2.8	2.8	2.7
18	0.0	0.0	0.0	2.3
19	0.0	0.0	0.0	4.8
20	7.4	0.0	7.4	.9
21	9.1	0.0	9.1	3.5
22	0.0	0.0	0.0	2.7
23	11.4	0.0	11.4	1.7
24	.3	0.0	.3	3.6
25	.2	0.0	.2	3.0
26	0.0	0.0	0.0	10.5
27	0.0	0.0	0.0	4.2
28	0.0	0.0	0.0	8.8
29	0.0	0.0	0.0	9.5
30	0.0	0.0	0.0	7.5
31	0.0	0.0	0.0	2.2
	58.9	24.1	83.0	146.3

Agosto

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	9.7
2	0.0	0.0	0.0	6.8
3	0.0	0.0	0.0	4.2
4	0.0	0.0	0.0	7.5
5	0.0	0.0	0.0	7.5
6	0.0	0.0	0.0	5.7
7	0.0	0.0	0.0	2.9
8	0.0	0.0	0.0	3.9
9	0.0	0.0	0.0	4.7
10	0.0	0.0	0.0	9.7
11	0.0	0.0	0.0	5.1
12	0.0	0.0	0.0	10.2
13	0.0	0.0	0.0	4.0
14	0.0	0.0	0.0	6.0
15	0.0	0.0	0.0	8.3
16	0.0	0.0	0.0	9.2
17	0.0	0.0	0.0	10.0
18	0.0	0.0	0.0	5.4
19	0.0	0.0	0.0	2.3
20	0.0	0.0	0.0	7.6
21	0.0	0.0	0.0	9.7
22	0.0	0.0	0.0	6.4
23	0.0	0.0	0.0	5.1
24	10.5	39.2	49.7	2.9
25	34.6	0.0	34.6	0.0
26	8.0	0.0	8.0	2.2
27	0.0	0.0	0.0	5.1
28				
29				
30				
31				
	53.6	39.2	92.8	175.3

Septiembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	9.3	.1	9.4	1.8
2	0.0	0.0	0.0	3.6
3	0.0	2.0	2.0	7.9
4	0.0	0.0	0.0	9.0
5	0.0	0.0	0.0	3.3
6	0.0	0.0	0.0	2.8
7	0.0	0.0	0.0	7.4
8	0.0	0.0	0.0	8.7
9	0.0	0.0	0.0	2.4
10	19.1	0.0	19.1	3.3
11	0.0	0.0	0.0	3.8
12	0.0	0.0	0.0	7.7
13	8.4	0.0	8.4	5.3
14	4.6	0.0	4.6	1.5
15	0.0	0.0	0.0	3.5
16	0.0	0.0	0.0	4.1
17	0.0	0.0	0.0	.4
18	0.0	2.7	2.7	.7
19	0.0	0.0	0.0	5.1
20	2.7	0.0	2.7	3.7
21	1.1	0.0	1.1	6.2
22	1.0	0.0	1.0	3.9
23	.2	.5	.7	2.1
24	3.2	1.9	5.1	2.6
25	58.3	47.0	105.3	1.3
26	4.0	2.6	6.6	1.5
27	36.3	6.5	42.8	4.0
28	5.6	0.0	5.6	.7
29	.4	0.0	.4	3.5
30	0.0	0.0	0.0	4.7
31				
	154.2	63.3	217.5	116.5

Octubre

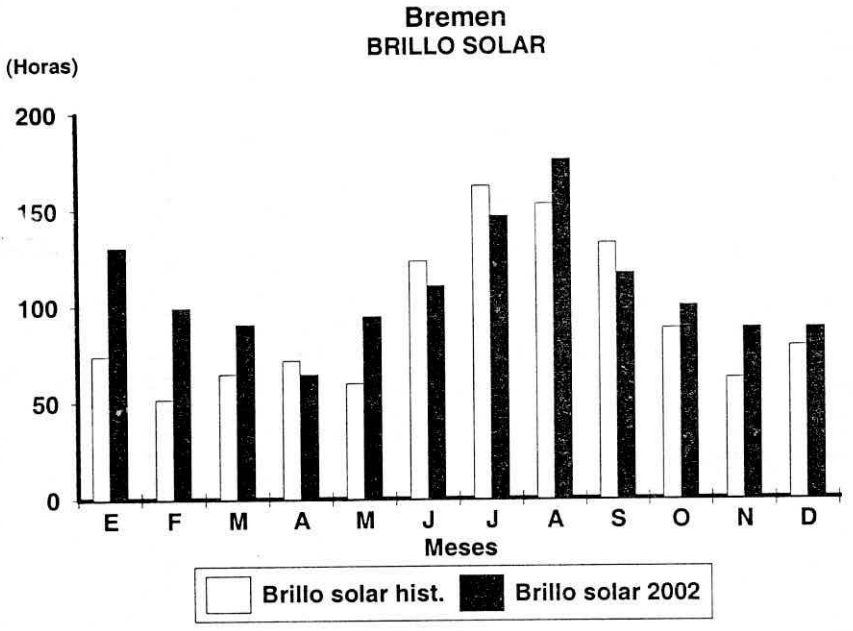
N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	3.5
2	0.0	0.0	0.0	8.3
3	0.0	0.0	0.0	6.6
4	0.0	0.0	0.0	6.8
5	1.4	0.0	1.4	3.0
6	.3	.1	.4	3.0
7	.7	0.0	.7	2.1
8	1.0	0.0	1.0	3.6
9	.8	0.0	.8	4.0
10	11.6	17.1	28.7	5.2
11	.3	0.0	.3	4.0
12	0.0	0.0	0.0	6.1
13	0.0	0.0	0.0	3.5
14	8.6	.1	8.7	4.3
15	20.2	0.0	20.2	2.1
16	2.7	.2	2.9	2.0
17	9.6	.5	10.1	.7
18	.2	0.0	.2	1.1
19	.2	0.0	.2	4.6
20	35.2	.2	35.4	2.0
21	18.1	39.2	57.3	1.1
22	19.3	.7	20.0	.1
23	66.5	14.3	80.8	3.0
24	.4	4.1	4.5	2.7
25	4.5	0.0	4.5	3.8
26	6.6	10.8	17.4	1.2
27	2.5	0.0	2.5	.7
28	9.4	0.0	9.4	4.5
29	14.6	28.8	43.4	1.1
30	.4	0.0	.4	.4
31	.2	29.8	30.0	4.6
	235.3	145.9	381.2	99.7

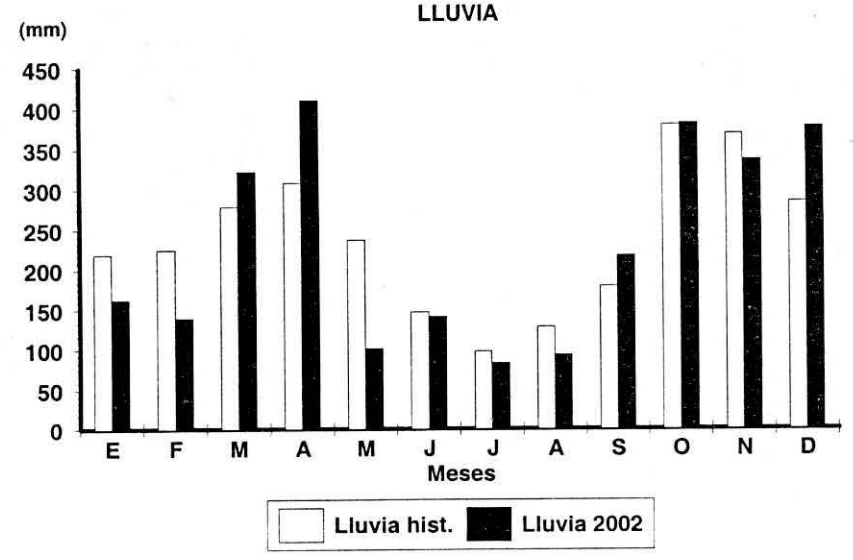
Noviembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	3.2	20.4	23.6	1.5
2	41.2	12.4	53.6	.5
3	3.5	0.0	3.5	.2
4	29.2	20.0	49.2	5.3
5	2.0	7.9	9.9	3.1
6	1.0	28.7	29.7	.8
7	16.5	6.2	22.7	.2
8	12.2	0.0	12.2	.3
9	1.9	0.0	1.9	.9
10	0.0	0.0	0.0	5.2
11	0.0	0.0	0.0	2.3
12	.5	0.0	.5	1.4
13	14.8	57.0	71.8	.4
14	0.0	0.0	0.0	1.4
15	10.7	0.0	10.7	2.0
16	0.0	0.0	0.0	7.5
17	0.0	0.0	0.0	2.8
18	4.0	0.0	4.0	2.3
19	8.3	0.0	8.3	1.4
20	0.0	0.0	0.0	5.4
21	0.0	0.0	0.0	3.0
22	0.0	0.0	0.0	6.4
23	0.0	0.0	0.0	6.2
24	2.5	0.0	2.5	3.5
25	8.0	0.0	8.0	5.6
26	0.0	0.0	0.0	4.8
27	10.0	0.0	10.0	5.4
28	9.0	0.0	9.0	4.3
29	0.0	0.0	0.0	.7
30	4.4	0.0	4.4	3.2
31				
	182.9	152.6	335.5	88.0

Diciembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	.5	0.0	.5	4.3
2	7.2	0.0	7.2	4.7
3	0.0	0.0	0.0	.9
4	19.4	0.0	19.4	2.8
5	.6	8.0	8.6	2.1
6	1.2	0.0	1.2	.1
7	2.1	6.8	8.9	.8
8	10.9	5.7	16.6	2.6
9	3.1	0.0	3.1	6.1
10	16.3	0.0	16.3	4.2
11	0.0	0.0	0.0	1.0
12	0.0	0.0	0.0	7.5
13	.5	.5	1.0	5.4
14	24.6	45.0	69.6	.2
15	25.5	.9	26.4	0.0
16	71.5	6.6	78.1	.7
17	6.2	0.0	6.2	0.0
18	29.0	0.0	29.0	1.2
19	9.3	0.0	9.3	3.6
20	8.7	.1	8.8	1.3
21	0.0	0.0	0.0	1.7
22	1.5	0.0	1.5	4.1
23	0.0	0.0	0.0	6.0
24	0.0	0.0	0.0	1.8
25	8.2	0.0	8.2	2.5
26	0.0	0.0	0.0	4.7
27	0.0	0.0	0.0	2.4
28	7.0	0.0	7.0	2.6
29	0.0	50.0	50.0	4.9
30	0.0	0.0	0.0	4.6
31	0.0	0.0	0.0	3.3
	253.3	123.6	376.9	88.1


Bremen
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 2002


LLUVIA
(mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : LA ELVIRA
Año : 2002

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 (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	5.9
2	0.0	4.4	4.4	5.6
3	0.0	0.0	0.0	4.4
4	0.0	0.0	0.0	5.8
5	0.0	0.0	0.0	8.5
6	0.0	0.0	0.0	9.0
7	27.2	19.6	46.8	2.5
8	6.8	.1	6.9	2.9
9	0.0	0.0	0.0	4.8
10	0.0	.6	.6	8.7
11	0.0	.2	.2	5.6
12	0.0	0.0	0.0	4.8
13	10.0	.7	10.7	3.0
14	.2	0.0	.2	2.4
15	10.0	0.0	10.0	8.9
16	0.0	0.0	0.0	5.1
17	0.0	0.0	0.0	6.5
18	0.0	0.0	0.0	5.7
19	0.0	0.0	0.0	7.0
20	0.0	8.9	8.9	2.1
21	0.0	0.0	0.0	5.0
22	0.0	0.0	0.0	5.9
23	0.0	0.0	0.0	7.8
24	0.0	0.0	0.0	2.8
25	0.0	0.0	0.0	3.8
26	0.0	0.0	0.0	4.2
27	0.0	0.0	0.0	8.2
28	0.0	0.0	0.0	9.6
29	0.0	3.6	3.6	8.0
30	2.7	0.0	2.7	2.4
31	0.0	0.0	0.0	.2
	56.9	38.1	95.0	167.1

Febrero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	4.4
2	0.0	3.4	3.4	1.8
3	8.3	0.0	8.3	0.0
4	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	9.1
6	0.0	0.0	0.0	8.0
7	0.0	0.0	0.0	5.2
8	0.0	0.0	0.0	.8
9	15.0	0.0	15.0	2.4
10	.2	1.1	1.3	6.6
11	.2	0.0	.2	3.0
12	0.0	0.0	0.0	3.9
13	0.0	0.0	0.0	6.8
14	0.0	0.0	0.0	7.9
15	0.0	0.0	0.0	3.8
16	0.0	.3	.3	7.5
17	0.0	0.0	0.0	7.9
18	0.0	27.0	27.0	7.4
19	0.0	0.0	0.0	1.6
20	0.0	2.3	2.3	8.3
21	0.0	.9	.9	2.5
22	0.0	2.5	2.5	2.2
23	0.0	0.0	0.0	7.5
24	0.0	0.0	0.0	9.6
25	0.0	0.0	0.0	8.1
26	0.0	4.5	4.5	4.1
27	9.6	4.0	13.6	.7
28	0.0	0.0	0.0	5.0
29				
30				
31				
	33.3	46.0	79.3	136.1

Marzo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	8.6
2	0.0	.7	.7	7.3
3	0.0	0.0	0.0	8.2
4	0.0	13.1	13.1	5.3
5	10.1	0.0	10.1	4.1
6	0.0	0.0	0.0	7.4
7	0.0	.8	.8	4.0
8	0.0	0.0	0.0	7.2
9	0.0	24.3	24.3	5.1
10	0.0	0.0	0.0	6.9
11	0.0	2.2	2.2	4.1
12	1.7	0.0	1.7	1.0
13	0.0	16.3	16.3	5.1
14	0.0	0.0	0.0	1.6
15	.8	0.0	.8	.9
16	0.0	16.7	16.7	3.7
17	.8	0.0	.8	.5
18	0.0	0.0	0.0	1.7
19	.3	0.0	.3	0.0
20	0.0	.6	.6	5.9
21	11.5	0.0	11.5	0.0
22	0.0	0.0	0.0	4.4
23	0.0	0.0	0.0	1.6
24	0.0	9.2	9.2	3.7
25	0.0	0.0	0.0	4.8
26	0.0	0.0	0.0	6.0
27	0.0	0.0	0.0	2.6
28	8.9	0.0	8.9	3.9
29	5.1	0.0	5.1	1.6
30	0.0	0.0	0.0	8.4
31	0.0	4.5	4.5	8.4
	39.2	88.4	127.6	134.0

Abril

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	.9	.9	.6
2	0.0	0.0	0.0	0.0
3	11.9	0.0	11.9	4.0
4	0.0	0.0	0.0	2.5
5	.8	0.0	.8	3.6
6	0.0	.5	.5	5.8
7	10.6	0.0	10.6	0.0
8	9.0	16.0	25.0	3.8
9	.9	3.9	4.8	2.7
10	1.0	0.0	1.0	.8
11	0.0	1.4	1.4	3.3
12	2.3	0.0	2.3	6.4
13	0.0	0.0	0.0	4.5
14	0.0	0.0	0.0	5.9
15	.1	4.5	4.6	0.0
16	0.0	2.9	2.9	7.3
17	2.6	6.5	9.1	2.5
18	7.0	.4	7.4	0.0
19	0.0	2.5	2.5	4.4
20	.4	12.8	13.2	4.5
21	.2	0.0	.2	3.3
22	0.0	9.4	9.4	0.0
23	0.0	7.0	7.0	5.9
24	42.8	37.4	80.2	2.5
25	6.7	2.5	9.2	0.0
26	0.0	5.7	5.7	2.0
27	11.7	.3	12.0	1.9
28	0.0	6.3	6.3	3.1
29	0.0	3.2	3.2	4.8
30	.5	0.0	.5	.8
31				
	108.5	124.1	232.6	86.9

Mayo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	.5	0.0	.5	6.3
2	0.0	.2	.2	3.5
3	.2	.4	.6	3.2
4	0.0	0.0	0.0	8.9
5	0.0	0.0	0.0	5.8
6	0.0	0.0	0.0	4.7
7	0.0	2.2	2.2	5.0
8	.9	1.7	2.6	3.6
9	0.0	0.0	0.0	5.3
10	0.0	.2	.2	5.1
11	0.0	0.0	0.0	2.2
12	0.0	0.0	0.0	7.3
13	0.0	0.0	0.0	2.2
14	0.0	0.0	0.0	4.1
15	0.0	12.2	12.2	1.6
16	0.0	2.0	2.0	3.0
17	5.1	4.7	9.8	.6
18	0.0	12.4	12.4	2.9
19	0.0	3.8	3.8	2.4
20	4.9	52.8	57.7	2.6
21	0.0	.3	.3	.6
22	3.9	0.0	3.9	.7
23	0.0	8.2	8.2	.5
24	0.0	1.0	1.0	5.1
25	56.1	.2	56.3	0.0
26	0.0	0.0	0.0	3.2
27	0.0	24.6	24.6	5.5
28	0.0	0.0	0.0	2.7
29	0.0	.3	.3	4.2
30	0.0	0.0	0.0	2.9
31	.1	0.0	.1	0.0
	71.7	127.2	198.9	105.7

Junio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	27.6	27.6	3.7
2	.9	0.0	.9	2.3
3	1.7	2.8	4.5	3.8
4	2.9	0.0	2.9	.3
5	5.3	6.7	12.0	.9
6	0.0	7.7	7.7	2.4
7	.9	0.0	.9	1.4
8	0.0	5.8	5.8	4.9
9	0.0	0.0	0.0	4.2
10	0.0	4.0	4.0	1.6
11	0.0	0.0	0.0	5.0
12	0.0	.4	.4	5.6
13	0.0	0.0	0.0	2.0
14	0.0	.8	.8	4.5
15	0.0	0.0	0.0	4.3
16	0.0	0.0	0.0	7.2
17	1.0	7.9	8.9	5.6
18	0.0	0.0	0.0	5.0
19	0.0	0.0	0.0	9.6
20	0.0	0.0	0.0	7.9
21	0.0	0.0	0.0	6.3
22	1.1	0.0	1.1	4.3
23	0.0	0.0	0.0	6.1
24	0.0	.9	.9	7.6
25	0.0	0.0	0.0	8.4
26	0.0	0.0	0.0	10.0
27	0.0	0.0	0.0	4.2
28	0.0	14.0	14.0	2.2
29	0.0	0.0	0.0	5.3
30	0.0	0.0	0.0	4.3
31				
	13.8	78.6	92.4	140.9

Estación : LA ELVIRA
Año : 2002

Dpto. : RISARALDA
Mpio. : BELEN DE UMBRIA

Latitud : 5 ° 12 ' N
Longitud : 75° 52 ' W
Altitud : 1520 m

Julio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	5.5
2	0.0	0.0	0.0	5.4
3	0.0	0.0	0.0	6.3
4	0.0	2.2	2.2	5.4
5	32.1	42.6	74.7	.9
6	1.1	0.0	1.1	.2
7	0.0	0.0	0.0	7.5
8	0.0	0.0	0.0	6.4
9	0.0	0.0	0.0	5.8
10	0.0	0.0	0.0	0.0
11	0.0	4.5	4.5	3.9
12	0.0	0.0	0.0	9.2
13	0.0	0.0	0.0	9.4
14	0.0	0.0	0.0	6.5
15	0.0	0.0	0.0	5.3
16	.3	30.1	30.4	5.5
17	0.0	23.8	23.8	4.5
18	.5	0.0	.5	2.9
19	0.0	0.0	0.0	2.5
20	0.0	.6	.6	2.9
21	0.0	0.0	0.0	3.1
22	0.0	0.0	0.0	6.6
23	0.0	0.0	0.0	4.0
24	0.0	20.4	20.4	7.7
25	0.0	0.0	0.0	5.6
26	0.0	0.0	0.0	10.5
27	0.0	0.0	0.0	7.5
28	0.0	0.0	0.0	6.0
29	0.0	0.0	0.0	6.2
30	0.0	1.2	1.2	8.8
31	.7	0.0	.7	1.5
	34.7	125.4	160.1	163.5

Agosto

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	9.0
2	0.0	0.0	0.0	9.6
3	0.0	0.0	0.0	4.9
4	0.0	36.6	36.6	9.4
5	0.0	0.0	0.0	9.0
6	0.0	0.0	0.0	8.6
7	0.0	0.0	0.0	.7
8	0.0	2.6	2.6	4.8
9	1.1	0.0	1.1	4.3
10	0.0	0.0	0.0	5.3
11	0.0	0.0	0.0	5.0
12	0.0	0.0	0.0	7.5
13	0.0	0.0	0.0	6.1
14	0.0	0.0	0.0	5.9
15	0.0	0.0	0.0	8.6
16	0.0	0.0	0.0	5.1
17	0.0	0.0	0.0	8.0
18	0.0	0.0	0.0	5.5
19	0.0	0.0	0.0	2.5
20	0.0	0.0	0.0	4.7
21	0.0	0.0	0.0	7.1
22	0.0	0.0	0.0	4.4
23	0.0	0.0	0.0	3.3
24	0.0	.7	.7	7.1
25	0.0	4.2	4.2	7.5
26	0.0	26.6	26.6	3.5
27	2.8	0.0	2.8	.9
28	1.6	11.9	13.5	4.0
29	20.0	0.0	20.0	0.0
30	0.0	.2	.2	7.5
31	0.0	0.0	0.0	4.3
	25.5	82.8	108.3	174.1

Septiembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	15.2	8.4	23.6	1.7
2	0.0	0.0	0.0	4.6
3	0.0	7.2	7.2	5.8
4	0.0	0.0	0.0	8.8
5	0.0	0.0	0.0	4.4
6	0.0	0.0	0.0	7.7
7	0.0	0.0	0.0	7.3
8	0.0	0.0	0.0	8.3
9	0.0	0.0	0.0	2.1
10	0.0	10.3	10.3	.8
11	2.0	0.0	2.0	3.7
12	0.0	0.0	0.0	6.5
13	0.0	0.0	0.0	8.5
14	1.0	1.0	2.0	.8
15	0.0	11.6	11.6	4.5
16	0.0	0.0	0.0	4.7
17	0.0	10.6	10.6	1.0
18	11.7	.3	12.0	0.0
19	0.0	0.0	0.0	6.2
20	0.0	1.2	1.2	4.7
21	0.0	0.0	0.0	6.4
22	0.0	0.0	0.0	7.9
23	0.0	.7	.7	6.1
24	0.0	1.4	1.4	7.0
25	0.0	2.8	2.8	3.2
26	2.8	0.0	2.8	1.5
27	0.0	29.1	29.1	6.5
28	0.0	0.0	0.0	.8
29	0.0	0.0	0.0	6.5
30	0.0	0.0	0.0	5.0
31				
	32.7	84.6	117.3	143.0

Octubre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	6.4
2	0.0	0.0	0.0	8.1
3	0.0	0.0	0.0	6.6
4	0.0	0.0	0.0	4.4
5	0.0	0.0	0.0	1.2
6	0.0	.2	.2	4.1
7	0.0	0.0	0.0	.4
8	.2	0.0	.2	5.7
9	0.0	0.0	0.0	6.8
10	0.0	23.2	23.2	5.7
11	0.0	0.0	0.0	3.6
12	0.0	0.0	0.0	5.2
13	0.0	0.0	0.0	6.1
14	0.0	.2	.2	6.8
15	0.0	0.0	0.0	.5
16	.9	2.1	3.0	4.6
17	3.0	24.3	27.3	2.2
18	0.0	0.0	0.0	3.5
19	1.1	0.0	1.1	4.8
20	4.1	0.0	4.1	2.9
21	.2	.4	.6	5.1
22	19.8	0.0	19.8	.5
23	1.4	7.3	8.7	4.7
24	6.9	.5	7.4	3.3
25	18.5	1.6	20.1	6.5
26	4.5	9.5	14.0	2.6
27	0.0	0.0	0.0	.4
28	0.0	0.0	0.0	3.7
29	0.0	26.1	26.1	2.3
30	1.1	0.0	1.1	2.0
31	0.0	.3	.3	6.5
	61.7	95.7	157.4	127.2

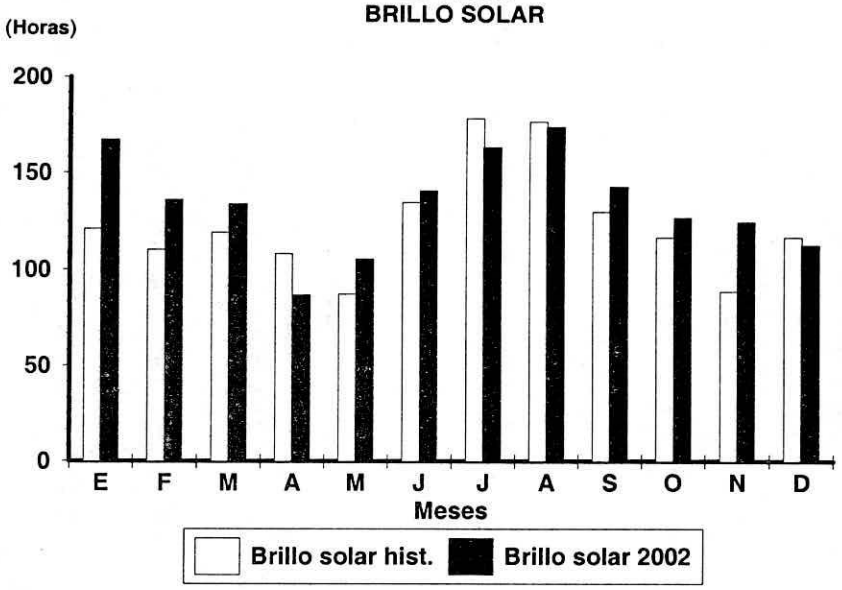
Noviembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	.3	1.1	1.4	.9
2	9.2	2.2	11.4	1.1
3	6.8	0.0	6.8	.4
4	4.1	1.1	5.2	4.0
5	8.7	24.8	33.5	3.7
6	0.0	25.6	25.6	4.8
7	4.0	29.5	33.5	.7
8	.9	0.0	.9	3.3
9	0.0	2.0	2.0	5.2
10	1.0	0.0	1.0	4.5
11	26.7	0.0	26.7	4.6
12	0.0	0.0	0.0	1.2
13	.7	1.0	1.7	2.9
14	0.0	0.0	0.0	5.2
15	0.0	.1	.1	5.0
16	0.0	13.5	13.5	7.0
17	0.0	1.1	1.1	1.3
18	0.0	1.5	1.5	4.1
19	0.0	0.0	0.0	3.0
20	0.0	0.0	0.0	7.6
21	0.0	0.0	0.0	4.0
22	0.0	0.0	0.0	7.1
23	0.0	0.0	0.0	8.5
24	.2	0.0	.2	4.6
25	0.0	0.0	0.0	6.9
26	0.0	0.0	0.0	4.0
27	0.0	0.0	0.0	6.1
28	0.0	3.7	3.7	4.8
29	1.2	0.0	1.2	.1
30	0.0	1.5	1.5	8.1
31				
	63.8	108.7	172.5	124.7

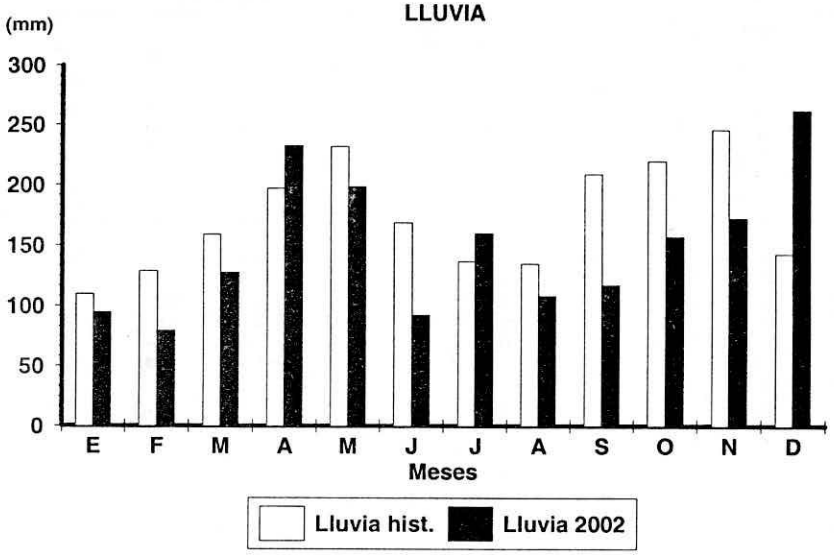
Diciembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	8.7
2	0.0	0.0	0.0	8.0
3	0.0	0.0	0.0	2.2
4	0.0	0.0	0.0	1.0
5	0.0	3.5	3.5	1.9
6	13.8	0.0	13.8	4.5
7	.6	.1	.7	2.1
8	0.0	1.5	1.5	.1
9	0.0	0.0	0.0	5.7
10	0.0	0.0	0.0	7.1
11	0.0	0.0	0.0	2.7
12	0.0	0.0	0.0	5.0
13	0.0	2.7	2.7	6.1
14	2.4	4.5	6.9	.1
15	28.4	10.3	38.7	0.0
16	70.1	39.6	109.7	.7
17	35.9	18.4	54.3	1.2
18	6.1	.6	6.7	3.6
19	0.0	0.0	0.0	4.0
20	1.0	22.9	23.9	1.9
21	0.0	0.0	0.0	2.9
22	0.0	0.0	0.0	3.7
23	0.0	0.0	0.0	7.3
24	0.0	0.0	0.0	2.1
25	0.0	0.0	0.0	2.8
26	0.0	0.0	0.0	8.2
27	0.0	0.0	0.0	5.4
28	0.0	0.0	0.0	5.4
29	0.0	0.0	0.0	2.6
30	0.0	0.0	0.0	2.4
31	0.0	0.0		3.6
	158.3	104.1	262.4	113.0

La Elvira
BRILLO SOLAR



LLUVIA



Estación : AGUASBLANCAS
Año : 2002

Dpto. : SANTANDER
Mpio. : SAN VICENTE DE CH.

Latitud : 6 ° 50 ' N
Longitud : 73° 29 ' W
Altitud : 920 m

Enero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	7.4
2	0.0	0.0	0.0	5.1
3	0.0	0.0	0.0	4.1
4	0.0	0.0	0.0	6.9
5	0.0	0.0	0.0	4.7
6	0.0	0.0	0.0	7.5
7	0.0	1.1	1.1	1.7
8	0.0	.1	.1	6.8
9	0.0	3.0	3.0	5.7
10	0.0	3.0	3.0	5.9
11	0.0	0.0	0.0	5.5
12	0.0	0.0	0.0	6.2
13	0.0	0.0	0.0	1.4
14	0.0	0.0	0.0	4.3
15	0.0	0.0	0.0	3.8
16	0.0	0.0	0.0	5.8
17	0.0	0.0	0.0	5.6
18	0.0	0.0	0.0	8.6
19	0.0	0.0	0.0	8.4
20	.8	0.0	.8	5.0
21	0.0	0.0	0.0	4.2
22	2.0	0.0	2.0	3.4
23	0.0	0.0	0.0	3.3
24	0.0	0.0	0.0	8.8
25	0.0	0.0	0.0	8.1
26	0.0	0.0	0.0	9.2
27	0.0	0.0	0.0	9.5
28	0.0	0.0	0.0	8.4
29	0.0	1.2	1.2	6.4
30	0.0	0.0	0.0	2.2
31	3.2	.3	3.5	5.8
	6.0	8.7	14.7	179.7

Febrero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	5.9
2	0.0	4.1	4.1	4.4
3	0.0	2.1	2.1	0.0
4	0.0	14.9	14.9	5.3
5	0.0	0.0	0.0	5.8
6	0.0	0.0	0.0	7.5
7	0.0	0.0	0.0	7.0
8	0.0	0.0	0.0	.7
9	0.0	0.0	0.0	2.1
10	0.0	0.0	0.0	6.9
11	0.0	0.0	0.0	6.2
12	0.0	0.0	0.0	5.4
13	0.0	0.0	0.0	7.1
14	0.0	0.0	0.0	9.6
15	0.0	0.0	0.0	8.6
16	0.0	0.0	0.0	6.4
17	0.0	0.0	0.0	2.8
18	0.0	1.5	1.5	3.8
19	0.0	0.0	0.0	3.1
20	0.0	0.0	0.0	7.8
21	0.0	0.0	0.0	8.4
22	.5	0.0	.5	6.7
23	0.0	1.4	1.4	.6
24	0.0	0.0	0.0	4.5
25	0.0	0.0	0.0	4.8
26	0.0	142.1	142.1	4.7
27	.4	51.6	52.0	2.6
28	0.0	.3	.3	2.9
	.9	218.0	218.9	141.6

Marzo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	5.9
2	0.0	0.0	0.0	9.8
3	0.0	24.3	24.3	8.5
4	0.0	0.0	0.0	7.0
5	.6	0.0	.6	3.6
6	0.0	0.0	0.0	5.7
7	0.0	0.0	0.0	8.9
8	0.0	0.0	0.0	7.5
9	0.0	.7	.7	7.1
10	0.0	0.0	0.0	2.8
11	0.0	8.5	8.5	3.3
12	0.0	0.0	0.0	.1
13	0.0	5.0	5.0	3.5
14	0.0	3.1	3.1	4.2
15	0.0	0.0	0.0	1.0
16	0.0	0.0	0.0	5.1
17	0.0	0.0	0.0	1.8
18	0.0	0.0	0.0	6.4
19	.2	7.1	7.3	.5
20	16.9	0.0	16.9	.3
21	8.2	2.1	10.3	.5
22	0.0	7.9	7.9	.9
23	0.0	0.0	0.0	.8
24	0.0	0.0	0.0	4.3
25	0.0	0.0	0.0	8.8
26	0.0	5.2	5.2	3.6
27	0.0	3.1	3.1	3.5
28	0.0	7.6	7.6	2.4
29	2.0	0.0	2.0	3.3
30	0.0	0.0	0.0	1.4
31	0.0	0.0	0.0	8.2
	27.9	74.6	102.5	130.7

Abril

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	1.9
2	16.3	0.0	16.3	1.1
3	0.0	0.0	0.0	4.7
4	0.0	0.0	0.0	3.1
5	.2	30.0	30.2	5.0
6	1.5	12.9	14.4	2.6
7	0.0	8.7	8.7	1.2
8	46.8	.5	47.3	2.2
9	1.6	8.6	10.2	4.4
10	0.0	20.7	20.7	5.6
11	0.0	31.1	31.1	7.6
12	24.9	0.0	24.9	2.8
13	12.0	0.0	12.0	5.2
14	19.2	0.0	19.2	2.1
15	4.7	.1	4.8	6.6
16	0.0	0.0	0.0	4.4
17	2.4	.8	3.2	1.5
18	10.3	0.0	10.3	3.3
19	19.9	5.2	25.1	1.5
20	0.0	6.1	6.1	5.3
21	0.0	0.0	0.0	2.4
22	1.2	.3	1.5	6.8
23	0.0	4.3	4.3	4.4
24	.6	6.2	6.8	2.0
25	8.5	0.0	8.5	0.0
26	.2	0.0	.2	4.7
27	.6	3.2	3.8	2.0
28	11.9	0.0	11.9	1.5
29	.1	0.0	.1	5.8
30	.3	0.0	.3	1.0
31				
	183.2	138.7	321.9	102.7

Mayo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	.3	.3	6.0
2	0.0	0.0	0.0	4.5
3	5.2	2.8	8.0	2.8
4	0.0	0.0	0.0	5.9
5	0.0	0.0	0.0	10.4
6	6.9	0.0	6.9	6.6
7	0.0	6.3	6.3	2.1
8	1.8	0.0	1.8	7.1
9	0.0	0.0	0.0	9.3
10	0.0	0.0	0.0	8.5
11	0.0	0.0	0.0	7.0
12	0.0	0.0	0.0	5.0
13	0.0	58.0	58.0	.1
14	13.6	0.0	13.6	0.0
15	0.0	1.9	1.9	4.8
16	0.0	0.0	0.0	6.5
17	0.0	55.4	55.4	.4
18	0.0	6.1	6.1	6.2
19	0.0	5.0	5.0	2.7
20	39.7	5.8	45.5	1.0
21	.5	.2	.7	1.1
22	39.7	.7	40.4	.9
23	.6	0.0	.6	1.8
24	0.0	24.6	24.6	5.9
25	0.0	9.1	9.1	1.2
26	3.6	.8	4.4	1.5
27	5.6	34.2	39.8	3.7
28	10.1	1.5	11.6	1.8
29	0.0	.2	.2	3.5
30	5.8	1.7	7.5	4.4
31	.5	0.0	.5	.8
	133.6	214.6	348.2	123.5

Junio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	6.9
2	9.0	0.0	9.0	1.3
3	18.5	1.8	20.3	1.0
4	.4	8.0	8.4	1.7
5	0.0	.7	.7	2.0
6	0.0	0.0	0.0	2.5
7	0.0	16.5	16.5	2.5
8	0.0	9.9	9.9	6.6
9	0.0	2.3	2.3	1.8
10	0.0	4.2	4.2	8.7
11	0.0	0.0	0.0	4.9
12	0.0	0.0	0.0	4.2
13	0.0	0.0	0.0	3.8
14	0.0	0.0	0.0	4.6
15	0.0	0.0	0.0	5.4
16	.9	1.6	2.5	6.1
17	.9	.1	1.0	4.6
18	0.0	.2	.2	1.5
19	5.4	0.0	5.4	8.1
20	0.0	0.0	0.0	6.9
21	.1	.3	.4	5.1
22	2.5	.7	3.2	7.9
23	3.0	.3	3.3	5.9
24	0.0	0.0	0.0	5.5
25	0.0	0.0	0.0	7.6
26	.2	3.3	3.5	7.7
27	0.0	0.0	0.0	8.4
28	0.0	0.0	0.0	3.9
29	.8	0.0	.8	9.0
30	4.9	0.0	4.9	5.0
31				
	46.6	49.9	96.5	151.1

Estación : AGUASBLANCAS
Año : 2002

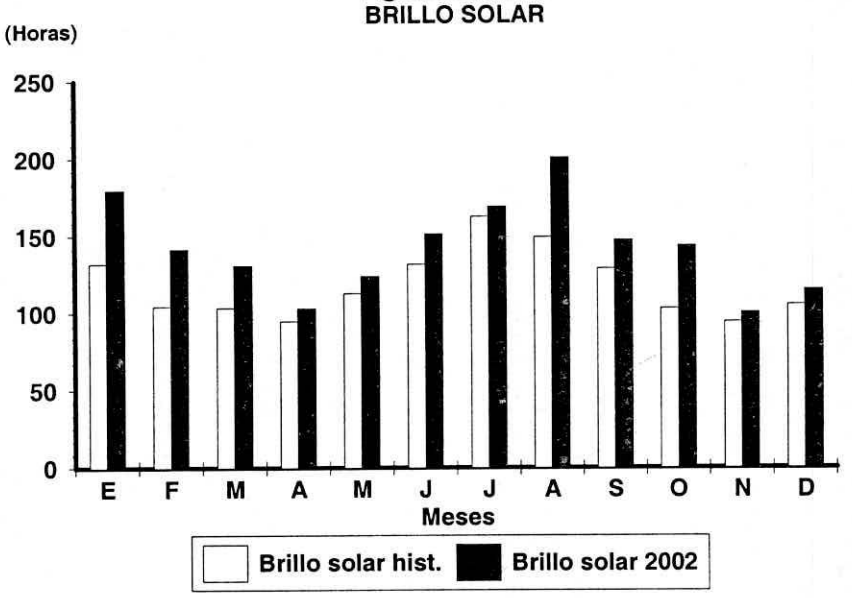
Dpto. : SANTANDER
Mpio. : SAN VICENTE DE CH.

Latitud : 6 ° 50 ' N
Longitud : 73° 29 ' W
Altitud : 920 m

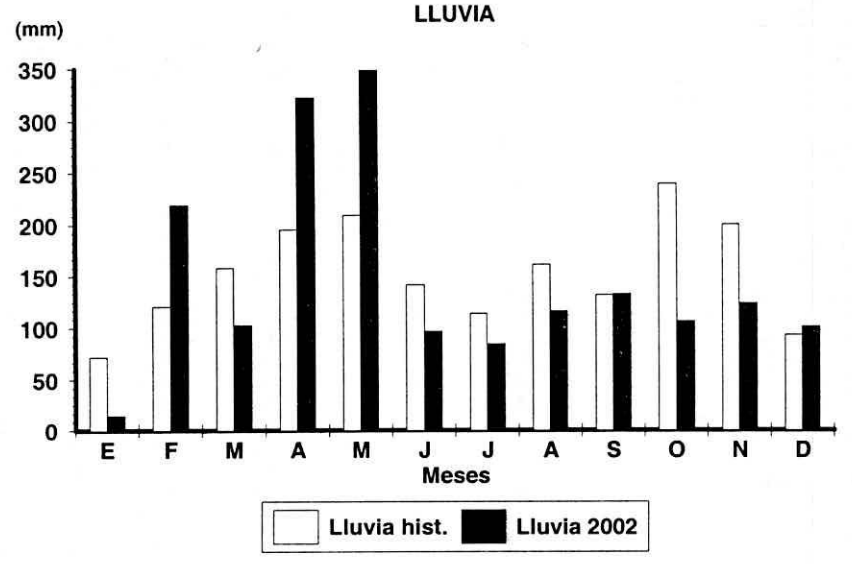
	Julio				*Agosto*				*Septiembre*			
	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo	Precipitación (mm)			Brillo
N°Día	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1	12.0	0.0	12.0	6.5	0.0	0.0	0.0	6.0	0.0	0.0	0.0	4.0
2	0.0	0.0	0.0	6.6	0.0	0.0	0.0	9.5	22.7	0.0	22.7	5.6
3	0.0	0.0	0.0	5.8	.5	0.0	.5	4.1	.8	1.1	1.9	6.8
4	0.0	0.0	0.0	5.4	0.0	0.0	0.0	7.9	0.0	0.0	0.0	9.4
5	16.1	11.6	27.7	2.3	0.0	0.0	0.0	7.4	0.0	0.0	0.0	4.6
6	0.0	0.0	0.0	5.7	0.0	0.0	0.0	5.7	0.0	0.0	0.0	9.3
7	0.0	0.0	0.0	5.7	0.0	0.0	0.0	5.1	0.0	0.0	0.0	6.5
8	0.0	0.0	0.0	9.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0	5.9
9	0.0	0.0	0.0	5.8	0.0	9.0	9.0	6.9	0.0	0.0	0.0	6.0
10	16.0	0.0	16.0	2.6	0.0	0.0	0.0	6.1	0.0	0.0	0.0	5.5
11	0.0	0.0	0.0	7.2	0.0	24.0	24.0	6.4	0.0	0.0	0.0	2.9
12	0.0	0.0	0.0	6.5	0.0	0.0	0.0	8.1	39.4	1.0	40.4	5.2
13	.3	0.0	.3	1.5	0.0	0.0	0.0	8.2	.9	.1	1.0	5.2
14	0.0	0.0	0.0	5.1	.8	1.7	2.5	6.7	0.0	6.0	6.0	3.6
15	.1	0.0	.1	3.7	0.0	0.0	0.0	7.9	0.0	0.0	0.0	5.3
16	0.0	.4	.4	6.5	.8	0.0	.8	9.1	.1	20.2	20.3	3.2
17	0.0	1.5	1.5	3.5	0.0	0.0	0.0	9.7	7.5	.1	7.6	2.2
18	0.0	4.5	4.5	.8	0.0	0.0	0.0	7.2	9.2	2.2	11.4	3.6
19	0.0	0.0	0.0	3.5	14.2	.6	14.8	6.4	0.0	0.0	0.0	3.5
20	0.0	0.0	0.0	3.4	1.0	0.0	1.0	5.6	.4	0.0	.4	5.5
21	0.0	3.4	3.4	5.9	0.0	0.0	0.0	10.4	0.0	0.0	0.0	5.0
22	0.0	0.0	0.0	6.5	0.0	.6	.6	9.3	0.0	.2	.2	5.2
23	0.0	0.0	0.0	7.0	27.0	0.0	27.0	7.4	0.0	0.0	0.0	4.7
24	0.0	0.0	0.0	5.5	0.0	.6	.6	8.2	0.0	0.0	0.0	5.2
25	0.0	14.0	14.0	3.0	0.0	.2	.2	7.0	1.5	0.0	1.5	1.9
26	0.0	0.0	0.0	7.7	1.4	.7	2.1	5.0	9.5	9.6	19.1	2.7
27	0.0	1.6	1.6	8.1	1.5	.4	1.9	2.4	0.0	0.0	0.0	6.0
28	0.0	.3	.3	9.6	0.0	24.9	24.9	2.0	0.0	0.0	0.0	1.6
29	0.0	0.0	0.0	8.1	0.0	0.0	0.0	6.4	0.0	0.0	0.0	4.3
30	.1	0.0	.1	6.6	0.0	6.1	6.1	1.7	0.0	.3	.3	6.5
31	2.5	0.0	2.5	3.2	0.0	0.0	0.0	5.0				
	47.1	37.3	84.4	168.7	47.2	68.8	116.0	200.2	92.0	40.8	132.8	146.9

	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	3.4	.2	0.0	.2	2.5	0.0	0.0	0.0	3.7
2	0.0	0.0	0.0	9.1	0.0	0.0	0.0	3.4	0.0	0.0	0.0	8.6
3	0.0	0.0	0.0	5.8	0.0	30.0	30.0	2.0	0.0	0.0	0.0	5.4
4	0.0	0.0	0.0	6.9	1.2	.1	1.3	.2	0.0	0.0	0.0	4.5
5	3.3	0.0	3.3	5.9	0.0	2.0	2.0	4.3	0.0	0.0	0.0	5.4
6	.9	.3	1.2	5.8	0.0	0.0	0.0	3.5	0.0	0.0	0.0	4.1
7	7.5	9.0	16.5	4.7	1.9	9.4	11.3	.5	0.0	0.0	0.0	6.6
8	0.0	0.0	0.0	6.1	.8	0.0	.8	3.0	0.0	38.9	38.9	2.0
9	0.0	0.0	0.0	9.0	.4	0.0	.4	.8	.2	0.0	.2	2.4
10	0.0	14.5	14.5	7.5	0.0	.1	.1	2.5	0.0	0.0	0.0	4.7
11	0.0	1.4	1.4	2.1	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.1
12	0.0	0.0	0.0	5.4	1.3	0.0	1.3	2.0	0.0	0.0	0.0	2.2
13	4.3	0.0	4.3	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
14	0.0	0.0	0.0	7.2	0.0	64.2	64.2	3.9	0.0	5.5	5.5	1.5
15	0.0	5.6	5.6	3.9	0.0	0.0	0.0	7.0	9.4	0.0	9.4	0.0
16	0.0	1.7	1.7	1.4	0.0	9.2	9.2	4.5	0.0	0.0	0.0	3.5
17	0.0	.1	.1	2.6	.9	0.0	.9	2.5	2.2	19.5	21.7	.3
18	0.0	0.0	0.0	5.4	0.0	0.0	0.0	1.9	.3	0.0	.3	.9
19	0.0	0.0	0.0	1.8	0.0	0.0	0.0	1.1	0.0	0.0	0.0	4.2
20	0.0	0.0	0.0	8.4	0.0	0.0	0.0	5.0	0.0	25.1	25.1	3.2
21	0.0	0.0	0.0	1.3	0.0	0.0	0.0	5.2	0.0	0.0	0.0	2.4
22	8.7	17.5	26.2	2.9	0.0	0.0	0.0	5.3	0.0	0.0	0.0	4.1
23	0.0	0.0	0.0	.9	0.0	0.0	0.0	6.0	0.0	0.0	0.0	4.8
24	.2	4.3	4.5	4.6	0.0	0.0	0.0	5.5	0.0	0.0	0.0	5.0
25	0.0	0.0	0.0	5.5	0.0	0.0	0.0	4.5	0.0	0.0	0.0	4.4
26	0.0	1.1	1.1	5.1	0.0	0.0	0.0	4.9	0.0	0.0	0.0	3.6
27	2.9	2.3	5.2	2.0	.7	0.0	.7	2.5	0.0	0.0	0.0	2.8
28	0.0	12.5	12.5	3.3	0.0	.4	.4	2.2	0.0	0.0	0.0	4.8
29	0.0	2.0	2.0	3.6	.7	0.0	.7	4.7	0.0	0.0	0.0	2.7
30	1.5	.5	2.0	1.8	0.0	0.0	0.0	5.6	0.0	0.0	0.0	3.2
31	2.7	1.4	4.1	1.1					0.0	0.0		5.3
	32.0	74.2	106.2	143.3	8.1	115.4	123.5	100.0	12.1	89.0	101.1	114.5

Aguasblancas
BRILLO SOLAR



LLUVIA



Estación : LUIS BUSTAMANTE
Año : 2002

Dpto. : TOLIMA
Mpio. : VILLARRICA

Latitud : 3 ° 55 ' N
Longitud : 74° 34 ' W
Altitud : 1610 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	2.2	0.0	2.2	4.1
2	0.0	0.0	0.0	5.0
3	0.0	0.0	0.0	4.5
4	0.0	0.0	0.0	3.6
5	0.0	0.0	0.0	3.9
6	0.0	.4	.4	2.7
7	0.0	0.0	0.0	3.3
8	1.7	0.0	1.7	2.4
9	1.7	0.0	1.7	4.7
10	0.0	8.0	8.0	6.2
11	1.0	0.0	1.0	4.9
12	8.2	0.0	8.2	.2
13	3.0	.5	3.5	1.3
14	2.8	0.0	2.8	1.7
15	.3	0.0	.3	4.2
16	0.0	0.0	0.0	2.7
17	0.0	0.0	0.0	4.5
18	0.0	0.0	0.0	3.8
19	0.0	0.0	0.0	3.8
20	0.0	.5	.5	4.1
21	2.6	0.0	2.6	2.9
22	0.0	0.0	0.0	1.6
23	0.0	0.0	0.0	2.9
24	0.0	0.0	0.0	2.4
25	0.0	0.0	0.0	3.4
26	0.0	0.0	0.0	1.4
27	0.0	0.0	0.0	4.1
28	0.0	0.0	0.0	.9
29	0.0	0.0	0.0	3.0
30	0.0	0.0	0.0	1.6
31	0.0	0.0	0.0	.9
	23.5	9.4	32.9	96.7

Febrero

Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
.7	0.0	.7	3.4
0.0	0.0	0.0	2.6
5.5	.4	5.9	.2
8.2	0.0	8.2	3.2
0.0	1.9	1.9	3.6
0.0	11.3	11.3	4.6
.7	8.8	9.5	4.0
22.0	0.0	22.0	1.1
3.8	0.0	3.8	.7
0.0	9.6	9.6	3.1
0.0	0.0	0.0	3.7
.2	0.0	.2	3.5
0.0	0.0	0.0	3.1
0.0	0.0	0.0	4.6
0.0	0.0	0.0	2.3
0.0	0.0	0.0	3.7
0.0	0.0	0.0	2.0
0.0	0.0	0.0	3.0
.1	0.0	.1	2.9
0.0	0.0	0.0	4.3
0.0	0.0	0.0	4.7
0.0	0.0	0.0	.8
0.0	0.0	0.0	2.9
0.0	0.0	0.0	3.6
0.0	0.0	0.0	3.5
2.0	0.0	2.0	1.1
1.1	0.0	1.1	2.1
5.3	0.0	5.3	.2
49.6	32.0	81.6	78.5

Marzo

Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
0.0	0.0	0.0	2.8
0.0	0.0	0.0	2.7
0.0	0.0	0.0	6.7
0.0	5.1	5.1	4.6
.2	0.0	.2	.5
8.1	.4	8.5	4.1
.1	0.0	.1	2.7
0.0	0.0	0.0	3.7
0.0	0.0	0.0	3.6
0.0	0.0	0.0	3.1
0.0	1.0	1.0	1.4
12.0	0.0	12.0	.8
8.3	0.0	8.3	3.2
14.7	0.0	14.7	2.8
9.6	4.9	14.5	.1
.7	.2	.9	4.2
.7	2.0	2.7	1.0
.5	2.8	3.3	3.6
1.0	.2	1.2	0.0
.3	.5	.8	.9
11.6	.1	11.7	.1
0.0	0.0	0.0	1.6
4.1	.1	4.2	2.4
1.1	0.0	1.1	3.7
.2	0.0	.2	1.6
0.0	0.0	0.0	2.3
1.8	.7	2.5	.4
0.0	20.2	20.2	.2
1.0	0.0	1.0	.9
10.9	0.0	10.9	3.2
0.0	0.0	0.0	3.0
86.9	38.2	125.1	71.9

Abril

N°Día	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				

Mayo

Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1.9	0.0	1.9	.9
0.0	0.0	0.0	0.0
.3	0.0	.3	1.9
0.0	0.0	0.0	8.3
0.0	0.0	0.0	7.5
0.0	0.0	0.0	5.3
8.3	0.0	8.3	2.6
0.0	0.0	0.0	.7
.4	0.0	.4	2.5
6.4	0.0	6.4	3.7
0.0	0.0	0.0	1.6
0.0	0.0	0.0	6.7
0.0	0.0	0.0	1.3
0.0	.1	.1	1.6
0.0	0.0	0.0	3.4
.2	0.0	.2	1.7
0.0	.1	.1	2.5
19.2	0.0	19.2	.9
0.0	0.0	0.0	2.3
.3	.1	.4	4.8
.2	0.0	.2	0.0
.5	.4	.9	1.8
1.1	1.9	3.0	0.0
6.0	0.0	6.0	6.1
4.4	12.3	16.7	.8
2.3	1.6	3.9	2.0
0.0	33.9	33.9	1.1
7.5	.8	8.3	.3
10.5	1.9	12.4	1.4
.9	2.0	2.9	1.2
5.0	.4	5.4	1.0
75.4	55.5	130.9	75.9

Junio

Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)

Estación : LUIS BUSTAMANTE
Año : 2002

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	.2	0.0	.2	2.6
2	1.3	0.0	1.3	1.9
3	0.0	0.0	0.0	8.0
4	0.0	0.0	0.0	7.9
5	12.6	8.1	20.7	1.3
6	0.0	8.8	8.8	.4
7	1.4	0.0	1.4	4.3
8	0.0	0.0	0.0	8.2
9	0.0	0.0	0.0	5.2
10	12.8	.7	13.5	1.3
11	2.3	0.0	2.3	4.6
12	0.0	0.0	0.0	6.4
13	0.0	0.0	0.0	7.3
14	0.0	0.0	0.0	5.0
15	1.7	0.0	1.7	4.8
16	0.0	0.0	0.0	2.8
17	15.6	3.2	18.8	1.2
18	5.1	0.0	5.1	.9
19	.9	0.0	.9	3.4
20	0.0	0.0	0.0	1.9
21	5.0	0.0	5.0	1.3
22	0.0	0.0	0.0	3.6
23	0.0	0.0	0.0	6.2
24	0.0	0.0	0.0	1.6
25	0.0	0.0	0.0	.8
26	0.0	0.0	0.0	5.7
27	0.0	0.0	0.0	1.7
28	.7	0.0	.7	2.0
29	0.0	0.0	0.0	4.4
30	.1	3.7	3.8	4.1
31	.9	0.0	.9	2.7
	60.6	24.5	85.1	113.5

Agosto

Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
9.5	0.0	9.5	1.9
0.0	0.0	0.0	7.6
4.9	0.0	4.9	5.2
1.6	0.0	1.6	6.8
0.0	0.0	0.0	7.8
0.0	0.0	0.0	4.9
.7	0.0	.7	2.4
1.0	2.0	3.0	1.3
12.6	0.0	12.6	.5
0.0	.2	.2	2.7
2.6	0.0	2.6	1.0
0.0	0.0	0.0	1.5
.2	0.0	.2	2.5
2.6	0.0	2.6	2.4
2.7	.4	3.1	4.7
0.0	0.0	0.0	3.7
0.0	0.0	0.0	4.1
0.0	0.0	0.0	4.7
.5	0.0	.5	2.7
0.0	0.0	0.0	2.8
0.0	0.0	0.0	5.6
.2	0.0	.2	3.2
6.6	0.0	6.6	2.6
0.0	0.0	0.0	4.6
.3	0.0	.3	3.7
.2	0.0	.2	.4
4.4	0.0	4.4	1.3
0.0	0.0	0.0	3.0
0.0	.2	.2	1.5
23.9	0.0	23.9	0.0
0.0	.4	.4	3.2
74.0	3.7	77.7	100.3

Septiembre

Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1.4	0.0	1.4	1.7
.7	0.0	.7	4.5
0.0	3.0	3.0	5.1
0.0	0.0	0.0	9.7
0.0	0.0	0.0	3.9
0.0	0.0	0.0	2.8
0.0	0.0	0.0	5.6
0.0	0.0	0.0	7.5
0.0	0.0	0.0	4.2
0.0	0.0	0.0	1.0
6.9	0.0	6.9	.6
0.0	0.0	0.0	5.6
0.0	0.0	0.0	3.7
0.0	0.0	0.0	1.2
.2	0.0	.2	1.3
0.0	0.0	0.0	3.3
1.2	0.0	1.2	.2
5.0	0.0	5.0	1.3
15.8	0.0	15.8	1.6
0.0	0.0	0.0	3.2
0.0	0.0	0.0	5.1
0.0	0.0	0.0	5.0
3.1	0.0	3.1	1.9
.4	.8	1.2	1.6
2.6	67.3	69.9	.3
.8	1.5	2.3	1.5
34.2	4.2	38.4	1.5
4.2	0.0	4.2	.4
0.0	0.0	0.0	5.1
4.7	0.0	4.7	4.1
81.2	76.8	158.0	94.5

Octubre

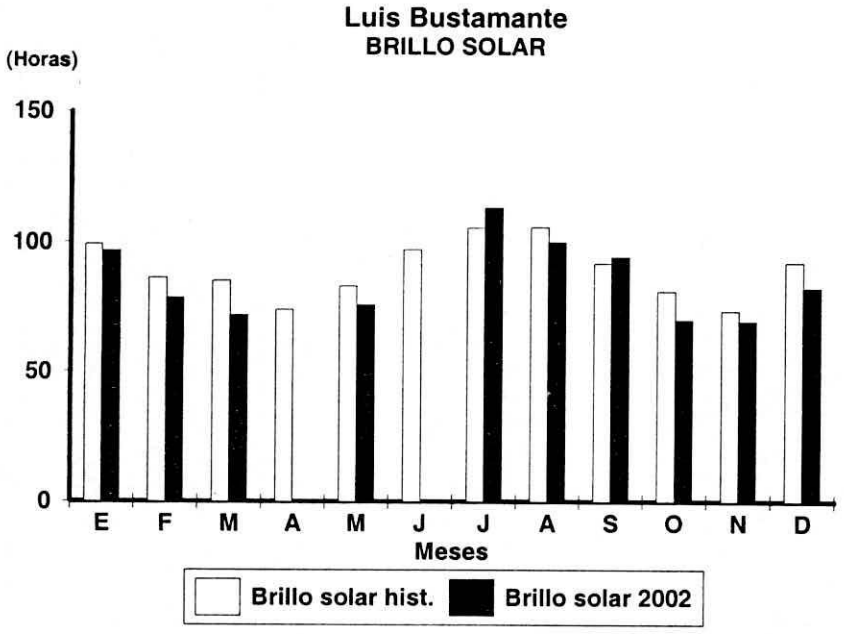
N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	1.2	0.0	1.2	8.8
2	15.3	0.0	15.3	2.5
3	0.0	0.0	0.0	4.0
4	0.0	0.0	0.0	5.3
5	0.0	1.1	1.1	5.4
6	1.5	0.0	1.5	3.0
7	15.9	0.0	15.9	3.1
8	0.0	.1	.1	2.4
9	0.0	0.0	0.0	1.8
10	0.0	0.0	0.0	3.8
11	.3	.2	.5	1.8
12	0.0	.2	.2	2.4
13	0.0	0.0	0.0	2.7
14	0.0	0.0	0.0	4.7
15	.6	5.6	6.2	1.4
16	.1	0.0	.1	2.9
17	2.1	0.0	2.1	0.0
18	6.3	0.0	6.3	0.0
19	12.6	0.0	12.6	0.0
20	5.9	11.8	17.7	0.0
21	5.3	7.0	12.3	0.0
22	7.9	0.0	7.9	0.0
23	1.7	1.3	3.0	0.0
24	2.3	4.1	6.4	0.0
25	0.0	1.5	1.5	0.0
26	1.2	8.1	9.3	4.3
27	.6	0.0	.6	1.6
28	2.6	6.8	9.4	2.6
29	3.4	38.2	41.6	1.1
30	8.1	2.4	10.5	1.8
31	1.1	0.0	1.1	2.7
	96.0	88.4	184.4	70.1

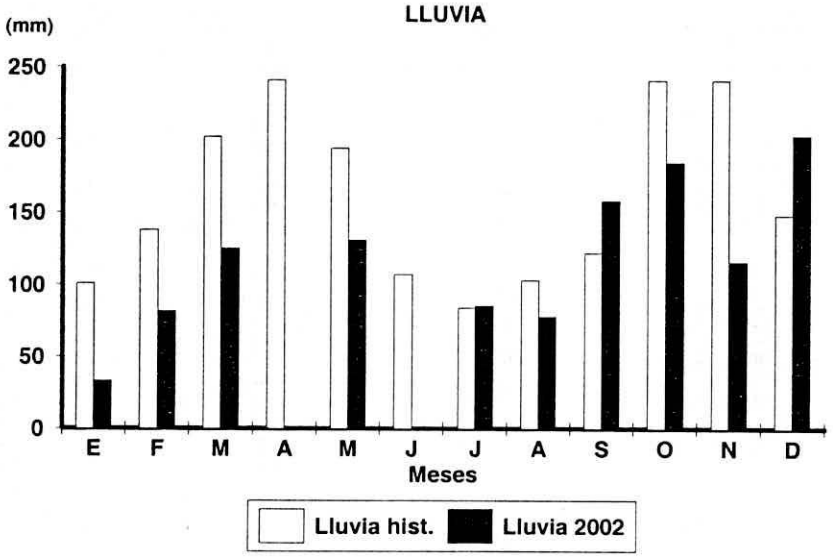
Noviembre

Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
9.2	.2	9.4	.8
15.3	0.0	15.3	1.3
24.3	0.0	24.3	.5
0.0	0.0	0.0	2.6
5.1	0.0	5.1	3.6
15.3	3.8	19.1	1.3
1.5	0.0	1.5	.8
11.9	3.1	15.0	0.0
1.1	0.0	1.1	1.7
.2	0.0	.2	2.2
0.0	0.0	0.0	2.8
0.0	2.1	2.1	1.5
5.6	.2	5.8	.4
0.0	0.0	0.0	2.2
9.0	0.0	9.0	4.3
0.0	0.0	0.0	1.9
.4	0.0	.4	.7
6.3	0.0	6.3	2.6
.9	0.0	.9	2.7
.3	0.0	.3	2.7
0.0	0.0	0.0	4.2
0.0	.1	.1	4.2
0.0	0.0	0.0	5.8
0.0	0.0	0.0	1.0
0.0	0.0	0.0	4.9
0.0	0.0	0.0	2.6
0.0	0.0	0.0	2.2
0.0	0.0	0.0	2.7
0.0	0.0	0.0	1.6
0.0	0.0	0.0	3.9
106.4	9.5	115.9	69.7

Diciembre

Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
.1	0.0	.1	2.0
0.0	0.0	0.0	3.0
0.0	0.0	0.0	2.5
0.0	0.0	0.0	5.5
.9	0.0	.9	2.8
.4	0.0	.4	3.8
6.3	0.0	6.3	3.1
10.9	17.7	28.6	2.2
1.3	.3	1.6	1.4
.2	12.8	13.0	2.9
0.0	0.0	0.0	2.7
0.0	0.0	0.0	5.5
0.0	6.8	6.8	3.4
19.0	.3	19.3	1.9
15.7	0.0	15.7	0.0
.2	50.8	51.0	1.2
.5	.3	.8	0.0
1.3	0.0	1.3	0.0
0.0	0.0	0.0	2.3
17.0	28.0	45.0	2.0
.6	0.0	.6	2.3
0.0	0.0	0.0	6.2
0.0	0.0	0.0	3.5
0.0	0.0	0.0	2.5
1.1	0.0	1.1	2.1
1.1	0.0	1.1	4.3
.3	0.0	.3	1.7
0.0	0.0	0.0	3.3
7.5	1.4	8.9	1.9
0.0	0.0	0.0	1.6
0.0	0.0		4.9
84.4	118.4	202.8	82.5


Luis Bustamante
BRILLO SOLAR
(Horas)
150
100
50
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 2002


LLUVIA
(mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : IRCO DOSAGUAS
Año : 2002

Dpto. : TOLIMA
Mpio. : CHAPARRAL

Latitud : 3 ° 40 ' N
Longitud : 75° 37 ' W
Altitud : 1250 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	5.3
2	0.0	0.0	0.0	5.9
3	0.0	36.0	36.0	8.6
4	0.0	2.7	2.7	8.8
5	0.0	0.0	0.0	6.0
6	0.0	0.0	0.0	6.9
7	0.0	1.8	1.8	2.9
8	.1	4.2	4.3	1.8
9	0.0	0.0	0.0	2.1
10	0.0	3.7	3.7	6.7
11	0.0	18.3	18.3	6.8
12	9.4	8.8	18.2	1.1
13	0.0	14.0	14.0	1.0
14	0.0	.4	.4	5.6
15	0.0	.4	.4	5.5
16	1.3	0.0	1.3	5.5
17	0.0	2.9	2.9	4.9
18	.2	3.9	4.1	4.5
19	0.0	0.0	0.0	7.6
20	0.0	.4	.4	7.4
21	1.0	8.9	9.9	6.0
22	0.0	0.0	0.0	3.2
23	0.0	0.0	0.0	7.1
24	0.0	0.0	0.0	8.9
25	0.0	0.0	0.0	2.2
26	0.0	0.0	0.0	9.0
27	0.0	0.0	0.0	8.0
28	0.0	0.0	0.0	6.5
29	0.0	0.0	0.0	3.2
30	0.0	2.3	2.3	2.9
31	0.0	1.4	1.4	3.2
	12.0	110.1	122.1	165.1

Febrero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	4.5
2	0.0	0.0	0.0	.5
3	0.0	0.0	0.0	3.5
4	1.7	0.0	1.7	1.0
5	0.0	0.0	0.0	1.6
6	0.0	0.0	0.0	.7
7	0.0	0.0	0.0	2.9
8	0.0	15.0	15.0	3.7
9	.2	.2	.4	3.7
10	10.0	1.0	11.0	3.7
11	0.0	7.0	7.0	7.5
12	0.0	0.0	0.0	6.2
13	0.0	0.0	0.0	6.4
14	0.0	10.1	10.1	5.9
15	1.8	3.1	4.9	6.1
16	0.0	6.9	6.9	7.0
17	0.0	0.0	0.0	7.3
18	0.0	0.0	0.0	.7
19	0.0	10.4	10.4	1.8
20	0.0	0.0	0.0	8.5
21	0.0	0.0	0.0	8.7
22	0.0	0.0	0.0	3.7
23	0.0	0.0	0.0	1.7
24	8.2	0.0	8.2	5.8
25	0.0	5.5	5.5	9.1
26	3.5	0.0	3.5	3.4
27	0.0	21.0	21.0	1.9
28	7.0	4.4	11.4	1.3
29				
30				
31				
	32.4	84.6	117.0	118.8

Marzo

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	6.3
2	0.0	0.0	0.0	8.3
3	0.0	0.0	0.0	8.6
4	0.0	15.0	15.0	6.8
5	1.3	0.0	1.3	.4
6	0.0	20.0	20.0	4.7
7	0.0	7.8	7.8	2.2
8	0.0	2.4	2.4	7.9
9	0.0	0.0	0.0	6.8
10	0.0	0.0	0.0	9.1
11	0.0	48.0	48.0	5.3
12	7.6	0.0	7.6	.4
13	0.0	0.0	0.0	6.7
14	0.0	56.4	56.4	5.7
15	.1	17.6	17.7	3.3
16	0.0	18.6	18.6	8.1
17	24.1	0.0	24.1	1.9
18	0.0	8.8	8.8	5.1
19	13.0	10.0	23.0	1.4
20	15.7	22.4	38.1	2.9
21	5.4	0.0	5.4	1.3
22	2.9	6.3	9.2	4.4
23	9.2	.8	10.0	3.9
24	.4	.5	.9	3.5
25	0.0	0.0	0.0	3.3
26	10.0	0.0	10.0	2.1
27	.1	20.2	20.3	2.9
28	0.0	15.0	15.0	.6
29	15.6	0.0	15.6	1.8
30	0.0	.8	.8	4.7
31	0.0	0.0	0.0	5.6
	105.4	270.6	376.0	136.0

Abril

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	.7	.7	0.0
2	.4	0.0	.4	0.0
3	0.0	.1	.1	1.7
4	0.0	0.0	0.0	5.7
5	0.0	0.0	0.0	5.0
6	0.0	20.2	20.2	6.0
7	1.6	0.0	1.6	0.0
8	11.3	7.1	18.4	3.2
9	3.8	6.6	10.4	3.9
10	2.9	0.0	2.9	2.0
11	5.1	0.0	5.1	3.4
12	.4	1.1	1.5	4.9
13	0.0	0.0	0.0	3.5
14	0.0	3.0	3.0	3.1
15	0.0	0.0	0.0	2.6
16	0.0	0.0	0.0	3.7
17	.6	33.5	34.1	3.4
18	0.0	0.0	0.0	4.3
19	6.7	1.6	8.3	3.5
20	.2	25.3	25.5	5.5
21	18.0	0.0	18.0	4.8
22	0.0	0.0	0.0	0.0
23	0.0	44.8	44.8	1.1
24	.3	3.9	4.2	1.5
25	23.5	1.6	25.1	2.1
26	7.6	32.8	40.4	2.0
27	9.0	23.5	32.5	.3
28	10.2	18.2	28.4	2.1
29	.6	.7	1.3	3.8
30	2.4	2.5	4.9	2.0
31				
	104.6	227.2	331.8	85.1

Mayo

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	1.0
3	0.0	0.0	0.0	3.5
4	0.0	0.0	0.0	6.4
5	0.0	0.0	0.0	5.9
6	0.0	0.0	0.0	3.8
7	0.0	0.0	0.0	7.1
8	0.0	0.0	0.0	5.4
9	1.1	1.5	2.6	1.4
10	8.8	0.0	8.8	6.8
11	0.0	0.0	0.0	2.9
12	0.0	.9	.9	8.3
13	.4	0.0	.4	3.8
14	0.0	2.6	2.6	1.3
15	0.0	0.0	0.0	3.5
16	0.0	0.0	0.0	6.1
17	0.0	0.0	0.0	0.0
18	8.6	.1	8.7	0.0
19	0.0	0.0	0.0	4.4
20	0.0	41.9	41.9	5.4
21	7.0	0.0	7.0	2.1
22	0.0	30.8	30.8	2.1
23	0.0	0.0	0.0	.2
24	0.0	0.0	0.0	9.1
25	0.0	69.0	69.0	3.5
26	0.0	29.9	29.9	3.9
27	4.5	22.0	26.5	1.9
28	0.0	0.0	0.0	2.5
29	4.3	5.7	10.0	.6
30	0.0	11.0	11.0	3.1
31	10.8	0.0	10.8	.9
	45.5	215.4	260.9	106.9

Junio

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	7.0
2	0.0	0.0	0.0	2.5
3	0.0	.8	.8	2.8
4	0.0	0.0	0.0	.5
5	9.0	69.4	78.4	5.4
6	0.0	17.8	17.8	3.5
7	0.0	0.0	0.0	6.0
8	0.0	11.6	11.6	8.3
9	1.7	0.0	1.7	3.8
10	0.0	11.1	11.1	7.7
11	.2	0.0	.2	.7
12	0.0	26.8	26.8	7.4
13	0.0	0.0	0.0	.7
14	0.0	2.3	2.3	5.2
15	2.3	0.0	2.3	.3
16	0.0	0.0	0.0	6.6
17	0.0	0.0	0.0	1.9
18	0.0	0.0	0.0	1.1
19	0.0	0.0	0.0	7.1
20	0.0	0.0	0.0	1.3
21	0.0	0.0	0.0	2.7
22	0.0	0.0	0.0	1.6
23	0.0	0.0	0.0	.2
24	0.0	.2	.2	1.7
25	0.0	0.0	0.0	2.3
26	0.0	0.0	0.0	1.6
27	0.0	0.0	0.0	2.6
28	0.0	.2	.2	2.4
29	0.0	0.0	0.0	.7
30	0.0	0.0	0.0	6.0
31				
	13.2	140.2	153.4	101.6

Estación : IRCO DOSAGUAS
Año : 2002

Dpto. : TOLIMA
Mpio. : CHAPARRAL

Latitud : 3 ° 40 ' N
Longitud : 75° 37 ' W
Altitud : 1250 m

Julio

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	11.7	0.0	11.7	1.0
2	.2	0.0	.2	6.3
3	0.0	0.0	0.0	9.0
4	0.0	12.0	12.0	8.5
5	23.5	25.7	49.2	4.9
6	0.0	.2	.2	4.8
7	0.0	0.0	0.0	3.2
8	0.0	0.0	0.0	6.5
9	0.0	0.0	0.0	4.6
10	0.0	1.1	1.1	5.9
11	.1	0.0	.1	1.1
12	0.0	0.0	0.0	7.2
13	0.0	0.0	0.0	.9
14	0.0	0.0	0.0	9.5
15	0.0	0.0	0.0	5.4
16	0.0	.2	.2	.4
17	0.0	11.7	11.7	5.7
18	0.0	0.0	0.0	.1
19	0.0	.1	.1	4.4
20	0.0	20.3	20.3	7.4
21	0.0	3.2	3.2	5.4
22	.2	0.0	.2	0.0
23	0.0	0.0	0.0	6.2
24	0.0	0.0	0.0	7.0
25	0.0	0.0	0.0	.5
26	0.0	0.0	0.0	4.2
27	0.0	0.0	0.0	1.6
28	.1	2.0	2.1	1.8
29	0.0	0.0	0.0	4.6
30	0.0	11.2	11.2	6.8
31	0.0	0.0	0.0	1.4
	35.8	87.7	123.5	136.3

Agosto

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	5.6
2	1.1	0.0	1.1	5.7
3	0.0	0.0	0.0	6.5
4	0.0	0.0	0.0	7.0
5	0.0	0.0	0.0	7.9
6	0.0	0.0	0.0	7.8
7	0.0	0.0	0.0	7.5
8	.6	.5	1.1	1.4
9	0.0	0.0	0.0	.3
10	0.0	0.0	0.0	2.1
11	0.0	0.0	0.0	.2
12	0.0	0.0	0.0	2.4
13	0.0	0.0	0.0	2.5
14	.5	.4	.9	.5
15	1.5	0.0	1.5	4.2
16	0.0	0.0	0.0	3.3
17	0.0	0.0	0.0	4.0
18	0.0	0.0	0.0	3.7
19	0.0	0.0	0.0	5.5
20	0.0	0.0	0.0	4.0
21	0.0	0.0	0.0	5.6
22	0.0	0.0	0.0	3.5
23	0.0	0.0	0.0	2.5
24	0.0	1.5	1.5	5.2
25	0.0	0.0	0.0	6.8
26	0.0	0.0	0.0	2.8
27	0.0	0.0	0.0	2.3
28	0.0	0.0	0.0	2.8
29	0.0	0.0	0.0	2.0
30	0.0	0.0	0.0	1.5
31	.5	4.6	5.1	5.4
	4.2	7.0	11.2	122.5

Septiembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	7.4	0.0	7.4	1.4
2	3.7	.8	4.5	4.3
3	0.0	.7	.7	6.8
4	0.0	0.0	0.0	8.2
5	0.0	0.0	0.0	8.0
6	0.0	0.0	0.0	7.2
7	0.0	0.0	0.0	5.3
8	0.0	0.0	0.0	9.0
9	0.0	0.0	0.0	6.6
10	0.0	.2	.2	4.8
11	0.0	0.0	0.0	5.9
12	0.0	0.0	0.0	7.6
13	0.0	0.0	0.0	4.4
14	0.0	0.0	0.0	7.6
15	0.0	0.0	0.0	2.9
16	0.0	0.0	0.0	1.9
17	0.0	0.0	0.0	.2
18	0.0	0.0	0.0	9.6
19	.5	.4	.9	3.5
20	0.0	0.0	0.0	3.4
21	0.0	0.0	0.0	5.4
22	0.0	0.0	0.0	8.8
23	0.0	0.0	0.0	8.6
24	2.9	58.9	61.8	4.8
25	0.0	2.9	2.9	2.1
26	1.2	2.4	3.6	1.9
27	12.9	.5	13.4	8.8
28	0.0	0.0	0.0	2.6
29	0.0	9.4	9.4	7.1
30	0.0	0.0	0.0	7.9
31				
	28.6	76.2	104.8	166.6

Octubre

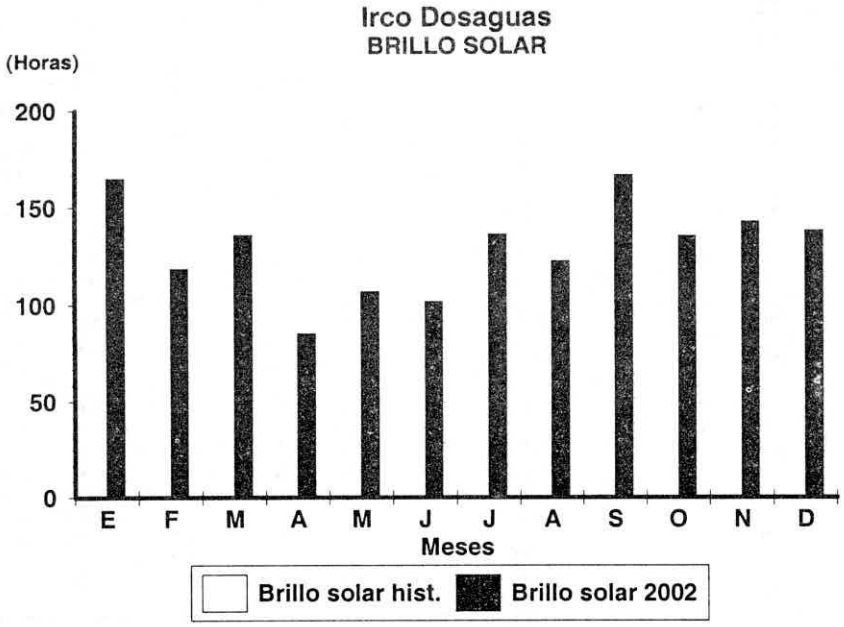
N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	9.6
2	0.0	0.0	0.0	9.1
3	0.0	0.0	0.0	4.4
4	0.0	0.0	0.0	5.1
5	0.0	.9	.9	4.5
6	.6	.1	.7	1.0
7	0.0	11.7	11.7	6.5
8	1.4	5.9	7.3	3.3
9	0.0	0.0	0.0	5.8
10	0.0	0.0	0.0	5.5
11	0.0	0.0	0.0	.9
12	0.0	0.0	0.0	.2
13	0.0	0.0	0.0	8.5
14	0.0	1.7	1.7	9.2
15	5.9	.8	6.7	3.9
16	0.0	2.3	2.3	3.4
17	3.7	0.0	3.7	2.2
18	0.0	0.0	0.0	.5
19	0.0	0.0	0.0	5.5
20	0.0	58.5	58.5	2.4
21	0.0	0.0	0.0	5.1
22	0.0	0.0	0.0	.6
23	0.0	9.8	9.8	4.4
24	0.0	20.1	20.1	5.3
25	0.0	0.0	0.0	7.1
26	0.0	39.0	39.0	6.3
27	0.0	0.0	0.0	4.7
28	.7	18.3	19.0	5.1
29	9.7	16.5	26.2	1.0
30	2.8	22.8	25.6	.5
31	11.7	4.5	16.2	3.6
	36.5	212.9	249.4	135.2

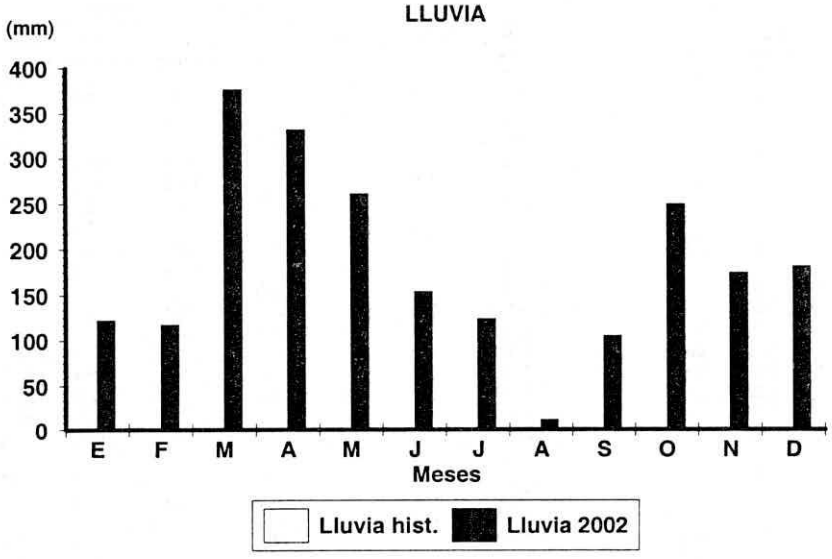
Noviembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	2.5	2.0	4.5	4.9
2	0.0	16.6	16.6	1.2
3	10.0	0.0	10.0	2.3
4	0.0	16.5	16.5	7.9
5	12.8	1.0	13.8	1.9
6	2.4	7.4	9.8	.9
7	0.0	13.1	13.1	.7
8	3.9	14.3	18.2	6.2
9	0.0	5.8	5.8	5.0
10	0.0	0.0	0.0	5.3
11	0.0	.1	.1	5.6
12	0.0	2.9	2.9	6.6
13	2.8	20.1	22.9	5.5
14	.5	0.0	.5	1.4
15	0.0	0.0	0.0	5.5
16	0.0	0.0	0.0	3.4
17	0.0	0.0	0.0	4.7
18	0.0	32.4	32.4	5.5
19	0.0	0.0	0.0	3.4
20	0.0	.2	.2	8.6
21	0.0	0.0	0.0	4.8
22	0.0	0.0	0.0	5.6
23	0.0	0.0	0.0	8.0
24	0.0	0.0	0.0	3.8
25	0.0	0.0	0.0	8.3
26	0.0	.2	.2	6.1
27	0.0	0.0	0.0	3.3
28	0.0	0.0	0.0	4.9
29	0.0	5.4	5.4	6.2
30	0.0	1.2	1.2	5.1
31				
	34.9	139.2	174.1	142.6

Diciembre

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	0.0	0.0	0.0	4.8
2	0.0	0.0	0.0	6.4
3	0.0	0.0	0.0	5.4
4	0.0	0.0	0.0	5.9
5	0.0	27.2	27.2	5.1
6	0.0	11.3	11.3	6.7
7	0.0	0.0	0.0	3.7
8	1.6	4.3	5.9	1.3
9	0.0	0.0	0.0	.2
10	.5	19.3	19.8	3.8
11	0.0	0.0	0.0	6.4
12	0.0	0.0	0.0	6.5
13	0.0	0.0	0.0	4.9
14	0.0	3.7	3.7	4.1
15	8.6	1.5	10.1	0.0
16	12.0	0.0	12.0	1.3
17	7.0	0.0	7.0	0.0
18	0.0	0.0	0.0	.6
19	0.0	0.0	0.0	5.6
20	.5	32.1	32.6	1.0
21	0.0	0.0	0.0	6.0
22	0.0	0.0	0.0	7.9
23	0.0	0.0	0.0	7.2
24	0.0	0.0	0.0	4.9
25	0.0	4.6	4.6	8.1
26	0.0	8.1	8.1	7.6
27	2.8	26.0	28.8	5.2
28	0.0	0.0	0.0	4.3
29	0.0	0.0	0.0	1.5
30	0.0	10.0	10.0	5.0
31	0.0	0.0	0.0	6.7
	33.0	148.1	181.1	138.1


Irco Dosaguas
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 2002


LLUVIA
(mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : EL CAMPIN
Año : 2002

Dpto. : TOLIMA
Mpio. : DOLORES

Latitud : 3 ° 36 ' N
Longitud : 74° 50 ' W
Altitud : 1219 m

Enero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
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	6.0	6.0	
7	0.0	12.0	12.0	
8	0.0	0.0	0.0	
9	0.0	0.0	0.0	
10	0.0	0.0	0.0	
11	0.0	2.0	2.0	
12	0.0	0.0	0.0	
13	0.0	3.0	3.0	
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	0.0	0.0	
28	0.0	0.0	0.0	
29	0.0	0.0	0.0	
30	0.0	0.0	0.0	
31	0.0	0.0	0.0	
	0.0	23.0	23.0	0.0

Febrero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	
2	0.0	0.0	0.0	
3	0.0	5.0	5.0	
4	0.0	0.0	0.0	
5	0.0	0.0	0.0	
6	0.0	11.0	11.0	
7	0.0	11.0	11.0	
8	0.0	0.0	0.0	
9	0.0	35.0	35.0	
10	0.0	9.0	9.0	
11	0.0	0.0	0.0	
12	0.0	0.0	0.0	
13	0.0	0.0	0.0	
14	0.0	0.0	0.0	
15	0.0	0.0	0.0	
16	0.0	0.0	0.0	
17	0.0	0.0	0.0	
18	4.5	0.0	4.5	
19	3.5	0.0	3.5	
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	1.5	1.5	
27	2.3	28.4	30.7	
28	.4	0.0	.4	
29				
30				
31				
	10.7	100.9	111.6	0.0

Marzo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	6.3
2	0.0	0.0	0.0	7.0
3	0.0	0.0	0.0	4.5
4	0.0	0.0	0.0	4.2
5	2.1	0.0	2.1	2.4
6	0.0	1.6	1.6	7.3
7	10.5	0.0	10.5	2.4
8	0.0	0.0	0.0	6.8
9	0.0	0.0	0.0	8.9
10	0.0	0.0	0.0	6.9
11	25.7	.7	26.4	1.2
12	.8	0.0	.8	.9
13	14.7	0.0	14.7	3.5
14	.2	0.0	.2	3.1
15	11.1	0.0	11.1	1.3
16	0.0	2.0	2.0	4.6
17	1.9	0.0	1.9	3.6
18	.1	1.0	1.1	5.7
19	6.3	1.5	7.8	.5
20	0.0	16.5	16.5	.5
21	15.5	0.0	15.5	1.1
22	.6	1.2	1.8	4.6
23	12.0	.5	12.5	4.1
24	4.5	0.0	4.5	3.1
25	0.0	0.0	0.0	1.8
26	0.0	0.0	0.0	4.6
27	0.0	.6	.6	3.3
28	8.5	41.0	49.5	1.5
29	58.0	0.0	58.0	.2
30	1.5	0.0	1.5	3.8
31	0.0	0.0	0.0	7.2
	174.0	66.6	240.6	116.9

Abril

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	4.4
2	1.7	0.0	1.7	0.0
3	16.6	0.0	16.6	1.0
4	0.0	0.0	0.0	4.9
5	0.0	0.0	0.0	9.3
6	0.0	29.2	29.2	5.0
7	6.8	0.0	6.8	.6
8	0.0	27.3	27.3	2.3
9	0.0	4.1	4.1	2.8
10	0.0	.5	.5	5.3
11	0.0	.5	.5	7.6
12	0.0	41.2	41.2	7.3
13	0.0	25.4	25.4	3.5
14	0.0	0.0	0.0	2.9
15	13.3	8.5	21.8	3.1
16	0.0	0.0	0.0	3.9
17	31.1	0.0	31.1	4.0
18	0.0	0.0	0.0	7.2
19	0.0	6.9	6.9	3.9
20	3.0	4.8	7.8	3.9
21	0.0	0.0	0.0	2.4
22	3.6	0.0	3.6	.5
23	0.0	2.0	2.0	2.6
24	19.6	16.3	35.9	2.6
25	11.0	0.0	11.0	0.0
26	6.4	.7	7.1	.6
27	31.9	4.0	35.9	.3
28	22.2	.3	22.5	1.9
29	13.1	0.0	13.1	2.2
30	7.7	0.0	7.7	2.1
31				
	188.0	171.7	359.7	98.1

Mayo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	.2
2	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	2.8
4	0.0	0.0	0.0	6.6
5	0.0	0.0	0.0	4.7
6	0.0	0.0	0.0	6.1
7	0.0	0.0	0.0	6.6
8	0.0	0.0	0.0	1.7
9	0.0	0.0	0.0	4.7
10	0.0	0.0	0.0	2.5
11	0.0	0.0	0.0	6.8
12	0.0	0.0	0.0	9.6
13	0.0	0.0	0.0	3.6
14	0.0	.2	.2	2.8
15	.4	0.0	.4	2.6
16	6.1	.2	6.3	1.9
17	5.2	.1	5.3	2.7
18	6.8	0.0	6.8	.5
19	0.0	0.0	0.0	3.9
20	6.7	.9	7.6	5.4
21	0.0	0.0	0.0	.4
22	4.3	1.6	5.9	1.4
23	.5	.7	1.2	0.0
24	0.0	0.0	0.0	8.7
25	8.3	51.4	59.7	2.7
26	9.0	54.1	63.1	1.8
27	0.0	68.4	68.4	3.3
28	1.0	11.1	12.1	.1
29	.2	22.9	23.1	2.4
30	.6	2.1	2.7	.7
31	6.1	1.1	7.2	3.6
	55.2	214.8	270.0	100.8

Junio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	.4	0.0	.4	3.3
2	11.7	0.0	11.7	.3
3	.9	1.3	2.2	3.3
4	7.9	0.0	7.9	0.0
5	3.0	0.0	3.0	2.8
6	11.1	6.0	17.1	.5
7	1.2	0.0	1.2	1.2
8	0.0	6.3	6.3	6.9
9	1.1	.3	1.4	2.6
10	0.0	4.1	4.1	9.2
11	.9	0.0	.9	5.1
12	1.3	2.6	3.9	5.8
13	0.0	0.0	0.0	1.5
14	0.0	4.1	4.1	6.7
15	5.9	0.0	5.9	3.1
16	0.0	2.0	2.0	9.7
17	0.0	0.0	0.0	5.5
18	0.0	0.0	0.0	9.3
19	0.0	.6	.6	10.9
20	0.0	0.0	0.0	5.3
21	0.0	0.0	0.0	2.6
22	0.0	0.0	0.0	3.9
23	0.0	0.0	0.0	6.4
24	0.0	.2	.2	7.2
25	0.0	0.0	0.0	4.5
26	0.0	0.0	0.0	9.7
27	0.0	0.0	0.0	6.6
28	0.0	0.0	0.0	5.3
29	4.0	0.0	4.0	.4
30	0.0	0.0	0.0	8.8
31				
	49.4	27.5	76.9	148.4

Estación : EL CAMPIN
Año : 2002

Dpto. : TOLIMA
Mpio. : DOLORES

Latitud : 3 ° 36 ' N
Longitud : 74° 50 ' W
Altitud : 1219 m

Julio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	0.0	0.0	4.7
2	0.0	0.0	0.0	5.3
3	0.0	0.0	0.0	7.2
4	0.0	1.3	1.3	6.1
5	3.1	28.5	31.6	2.3
6	0.0	0.0	0.0	.9
7	0.0	0.0	0.0	5.4
8	0.0	0.0	0.0	9.4
9	0.0	0.0	0.0	2.9
10	0.0	0.0	0.0	3.5
11	.5	0.0	.5	1.3
12	0.0	0.0	0.0	9.2
13	0.0	0.0	0.0	11.2
14	0.0	0.0	0.0	5.0
15	0.0	0.0	0.0	3.6
16	.3	0.0	.3	2.1
17	0.0	.7	.7	6.1
18	0.0	0.0	0.0	6.6
19	0.0	0.0	0.0	3.6
20	.2	0.0	.2	4.1
21	6.1	0.0	6.1	1.6
22	0.0	0.0	0.0	6.2
23	1.1	0.0	1.1	6.2
24	2.7	0.0	2.7	2.0
25	0.0	0.0	0.0	3.7
26	0.0	0.0	0.0	10.8
27	0.0	0.0	0.0	3.1
28	0.0	0.0	0.0	5.2
29	0.0	0.0	0.0	8.3
30	0.0	2.3	2.3	6.1
31	0.0	0.0	0.0	4.5
	14.0	32.8	46.8	158.2

Agosto

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	0.0	0.0	3.7
2	0.0	0.0	0.0	10.4
3	0.0	0.0	0.0	3.4
4	0.0	0.0	0.0	8.9
5	5.4	0.0	5.4	7.8
6	0.0	0.0	0.0	5.9
7	0.0	0.0	0.0	4.7
8	0.0	0.0	0.0	6.6
9	0.0	0.0	0.0	5.1
10	0.0	0.0	0.0	5.6
11	0.0	0.0	0.0	1.1
12	0.0	0.0	0.0	3.6
13	0.0	0.0	0.0	7.2
14	0.0	0.0	0.0	6.8
15	0.0	0.0	0.0	8.4
16	0.0	0.0	0.0	7.5
17	0.0	0.0	0.0	6.3
18	0.0	0.0	0.0	6.5
19	0.0	.1	.1	3.4
20	1.0	0.0	1.0	4.5
21	0.0	0.0	0.0	9.2
22	0.0	0.0	0.0	4.9
23	0.0	0.0	0.0	7.0
24	0.0	0.0	0.0	7.4
25	0.0	0.0	0.0	6.6
26	0.0	0.0	0.0	3.6
27	0.0	0.0	0.0	3.1
28	0.0	0.0	0.0	3.1
29	13.5	0.0	13.5	3.3
30	0.0	0.0	0.0	0.0
31	6.9	.9	7.8	3.8
	26.8	1.0	27.8	169.4

Septiembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	1.5	0.0	1.5	1.1
2	0.0	0.0	0.0	2.0
3	0.0	5.0	5.0	7.8
4	0.0	.1	.1	9.0
5	0.0	0.0	0.0	3.4
6	0.0	0.0	0.0	5.4
7	0.0	0.0	0.0	5.6
8	0.0	0.0	0.0	7.3
9	0.0	0.0	0.0	3.6
10	0.0	0.0	0.0	1.2
11	0.0	0.0	0.0	5.5
12	0.0	0.0	0.0	8.2
13	0.0	0.0	0.0	5.1
14	10.9	.6	11.5	3.0
15	0.0	0.0	0.0	1.8
16	0.0	0.0	0.0	4.7
17	0.0	0.0	0.0	0.0
18	0.0	.1	.1	1.4
19	0.0	0.0	0.0	5.5
20	0.0	0.0	0.0	4.5
21	0.0	0.0	0.0	9.9
22	0.0	18.0	18.0	8.4
23	0.0	0.0	0.0	7.1
24	3.1	.9	4.0	.9
25	1.5	12.2	13.7	1.3
26	2.2	0.0	2.2	.9
27	.5	.7	1.2	3.9
28	0.0	0.0	0.0	1.1
29	0.0	0.0	0.0	5.1
30	0.0	0.0	0.0	7.0
31				
	19.7	37.6	57.3	131.7

Octubre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	0.0	0.0	6.0
2	0.0	0.0	0.0	9.4
3	0.0	0.0	0.0	5.3
4	0.0	0.0	0.0	6.8
5	0.0	0.0	0.0	7.2
6	0.0	0.0	0.0	7.2
7	0.0	0.0	0.0	5.4
8	0.0	0.0	0.0	3.1
9	.6	0.0	.6	3.3
10	0.0	0.0	0.0	5.5
11	0.0	0.0	0.0	.2
12	0.0	.2	.2	.1
13	0.0	0.0	0.0	6.9
14	0.0	0.0	0.0	7.9
15	1.2	5.8	7.0	1.8
16	0.0	0.0	0.0	2.5
17	21.7	.3	22.0	1.1
18	0.0	0.0	0.0	4.1
19	0.0	0.0	0.0	4.8
20	3.6	3.4	7.0	1.9
21	6.0	0.0	6.0	3.7
22	8.2	0.0	8.2	3.1
23	9.0	0.0	9.0	1.6
24	0.0	5.7	5.7	6.2
25	.1	23.7	23.8	5.9
26	0.0	16.8	16.8	3.7
27	9.0	0.0	9.0	5.1
28	0.0	10.0	10.0	3.3
29	0.0	52.0	52.0	2.6
30	3.0	0.0	3.0	5.1
31	9.0	0.0	9.0	1.4
	71.4	117.9	189.3	132.2

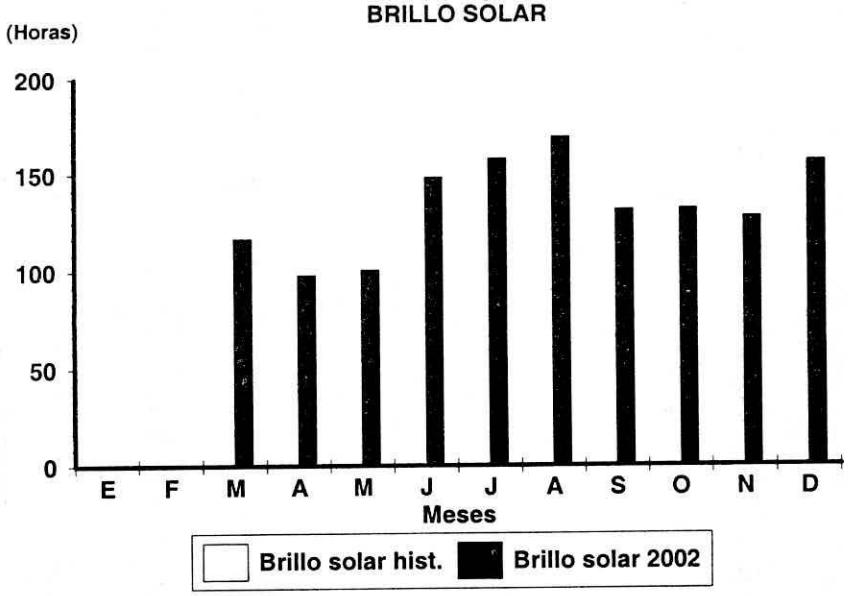
Noviembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	0.0	6.0	6.0	2.2
2	25.0	6.0	31.0	2.3
3	25.0	0.0	25.0	0.0
4	12.0	12.0	24.0	4.6
5	0.0	5.0	5.0	5.7
6	0.0	0.0	0.0	1.4
7	0.0	8.0	8.0	.3
8	1.0	.1	1.1	2.6
9	0.0	0.0	0.0	.5
10	0.0	0.0	0.0	3.4
11	5.0	0.0	5.0	3.6
12	1.9	10.0	11.9	3.5
13	13.6	.2	13.8	1.3
14	0.0	0.0	0.0	2.9
15	.6	0.0	.6	6.1
16	0.0	0.0	0.0	5.8
17	0.0	0.0	0.0	7.4
18	0.0	0.0	0.0	1.6
19	.4	0.0	.4	5.5
20	0.0	0.0	0.0	9.5
21	0.0	0.0	0.0	6.9
22	0.0	0.0	0.0	6.8
23	0.0	0.0	0.0	7.5
24	0.0	0.0	0.0	2.8
25	2.1	0.0	2.1	6.5
26	0.0	0.0	0.0	6.5
27	0.0	0.0	0.0	5.4
28	0.0	0.0	0.0	7.0
29	0.0	0.0	0.0	2.7
30	16.7	0.0	16.7	5.7
31				
	103.3	47.3	150.6	128.0

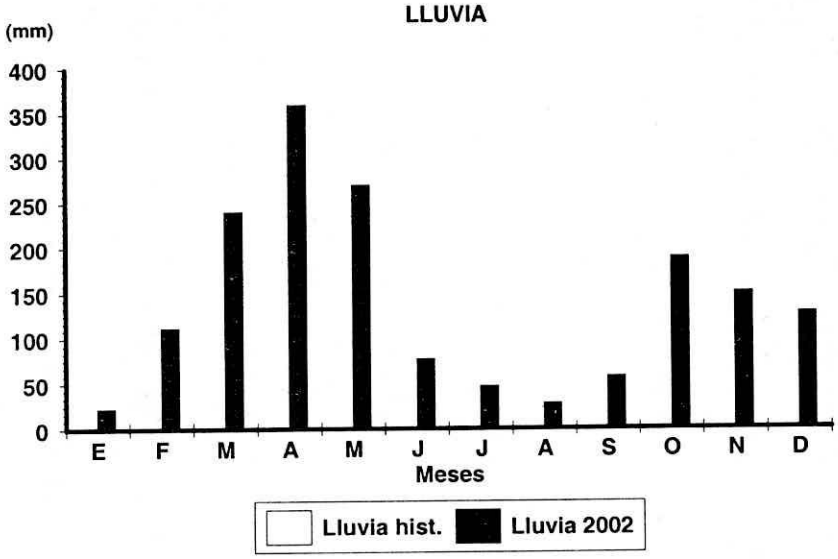
Diciembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total	Brillo Sol.(h)
1	3.0	0.0	3.0	6.3
2	0.0	0.0	0.0	7.8
3	0.0	0.0	0.0	4.7
4	0.0	0.0	0.0	7.6
5	0.0	3.0	3.0	7.5
6	0.0	0.0	0.0	3.0
7	0.0	0.0	0.0	1.9
8	42.0	0.0	42.0	2.1
9	13.0	0.0	13.0	1.9
10	0.0	0.0	0.0	4.0
11	0.0	0.0	0.0	7.7
12	0.0	0.0	0.0	9.4
13	0.0	0.0	0.0	8.2
14	2.0	0.0	2.0	2.6
15	5.0	0.0	5.0	0.0
16	0.0	27.8	27.8	2.9
17	1.0	.1	1.1	0.0
18	.6	0.0	.6	0.0
19	1.3	0.0	1.3	1.9
20	3.4	12.2	15.6	1.3
21	12.6	0.0	12.6	4.1
22	0.0	0.0	0.0	9.8
23	0.0	0.0	0.0	5.6
24	0.0	0.0	0.0	6.3
25	0.0	0.0	0.0	7.5
26	0.0	0.0	0.0	6.9
27	0.0	0.0	0.0	4.5
28	0.0	0.0	0.0	8.2
29	.9	0.0	.9	4.6
30	0.0	0.0	0.0	8.5
31	0.0	0.0		10.1
	84.8	43.1	127.9	156.9

El Campín
BRILLO SOLAR



LLUVIA



Estación : EL BERRION
Año : 2002

Dpto. : VALLE
Mpio. : CARTAGO

Latitud : 4 ° 41 ' N
Longitud : 75° 51 ' W
Altitud : 1150 m

Enero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	6.6
2	0.0	1.2	1.2	7.9
3	0.0	0.0	0.0	4.4
4	0.0	0.0	0.0	8.3
5	0.0	0.0	0.0	8.2
6	0.0	.1	.1	7.0
7	.9	2.9	3.8	3.2
8	0.0	0.0	0.0	8.4
9	0.0	0.0	0.0	5.7
10	0.0	0.0	0.0	8.1
11	0.0	0.0	0.0	9.1
12	0.0	0.0	0.0	6.8
13	4.0	.2	4.2	4.1
14	0.0	0.0	0.0	2.2
15	0.0	0.0	0.0	7.2
16	2.9	.1	3.0	8.6
17	0.0	0.0	0.0	6.4
18	0.0	0.0	0.0	8.4
19	0.0	0.0	0.0	8.0
20	0.0	0.0	0.0	7.2
21	0.0	0.0	0.0	8.6
22	0.0	0.0	0.0	8.2
23	0.0	0.0	0.0	7.5
24	0.0	0.0	0.0	2.2
25	0.0	0.0	0.0	4.0
26	0.0	0.0	0.0	6.2
27	0.0	0.0	0.0	9.6
28	0.0	0.0	0.0	8.7
29	0.0	0.0	0.0	8.9
30	.2	0.0	.2	3.4
31	0.0	0.0	0.0	.6
	8.0	4.5	12.5	203.7

Febrero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	.3	0.0	.3	6.4
2	0.0	0.0	0.0	8.2
3	16.1	0.0	16.1	.1
4	0.0	0.0	0.0	.3
5	0.0	0.0	0.0	8.1
6	0.0	0.0	0.0	8.2
7	0.0	0.0	0.0	7.5
8	0.0	.5	.5	4.7
9	1.2	0.0	1.2	4.5
10	1.6	6.3	7.9	7.1
11	0.0	0.0	0.0	6.1
12	0.0	0.0	0.0	5.1
13	0.0	0.0	0.0	6.8
14	0.0	0.0	0.0	7.0
15	19.1	.8	19.9	7.5
16	0.0	0.0	0.0	5.7
17	2.5	0.0	2.5	8.0
18	0.0	0.0	0.0	8.9
19	0.0	0.0	0.0	2.9
20	0.0	0.0	0.0	8.1
21	0.0	1.9	1.9	6.4
22	0.0	0.0	0.0	1.7
23	0.0	0.0	0.0	7.2
24	0.0	0.0	0.0	3.1
25	0.0	0.0	0.0	8.1
26	0.0	0.0	0.0	5.2
27	3.2	6.4	9.6	2.5
28	0.0	0.0	0.0	5.6
29				
30				
31				
	44.0	15.9	59.9	161.0

Marzo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	6.5
2	6.7	0.0	6.7	8.9
3	.2	0.0	.2	6.4
4	0.0	0.0	0.0	5.7
5	0.0	0.0	0.0	4.3
6	35.5	0.0	35.5	6.1
7	.9	1.1	2.0	6.5
8	0.0	0.0	0.0	8.8
9	0.0	0.0	0.0	8.8
10	0.0	0.0	0.0	7.5
11	0.0	0.0	0.0	6.0
12	.2	0.0	.2	1.0
13	0.0	2.1	2.1	5.3
14	0.0	.8	.8	3.7
15	0.0	0.0	0.0	7.4
16	31.0	0.0	31.0	0.0
17	0.0	0.0	0.0	6.2
18	0.0	6.5	6.5	2.3
19	.1	0.0	.1	.2
20	15.0	20.0	35.0	3.3
21	0.0	15.0	15.0	4.5
22	0.0	10.0	10.0	5.5
23	0.0	0.0	0.0	8.4
24	16.0	2.6	18.6	5.7
25	0.0	0.0	0.0	0.0
26	33.4	.1	33.5	7.8
27	0.0	0.0	0.0	4.4
28	0.0	0.0	0.0	5.9
29	0.0	0.0	0.0	3.4
30	0.0	0.0	0.0	8.9
31	0.0	0.0	0.0	8.5
	139.0	58.2	197.2	167.9

Abril

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	12.1	7.6	19.7	6.0
2	0.0	0.0	0.0	0.0
3	.5	.9	1.4	5.0
4	0.0	0.0	0.0	5.1
5	18.1	0.0	18.1	6.7
6	.5	25.7	26.2	7.3
7	1.3	.8	2.1	.3
8	16.1	37.8	53.9	4.8
9	0.0	.3	.3	5.1
10	0.0	0.0	0.0	3.3
11	0.0	0.0	0.0	8.2
12	0.0	.3	.3	7.7
13	0.0	0.0	0.0	6.4
14	0.0	0.0	0.0	6.7
15	0.0	.5	.5	4.9
16	0.0	0.0	0.0	4.7
17	7.3	.8	8.1	3.6
18	42.0	0.0	42.0	.1
19	0.0	15.5	15.5	7.1
20	0.0	16.7	16.7	4.5
21	1.4	0.0	1.4	3.1
22	0.0	4.7	4.7	6.9
23	0.0	8.8	8.8	7.1
24	29.4	20.6	50.0	1.0
25	1.2	6.4	7.6	3.0
26	3.3	8.9	12.2	7.4
27	.4	17.4	17.8	6.7
28	0.0	0.0	0.0	.3
29	0.0	0.0	0.0	4.5
30	0.0	0.0	0.0	6.5
31				
	133.6	173.7	307.3	144.0

Mayo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	5.0
2	0.0	0.0	0.0	6.5
3	9.4	0.0	9.4	5.2
4	0.0	0.0	0.0	9.6
5	0.0	0.0	0.0	8.5
6	.2	.4	.6	5.5
7	.7	0.0	.7	7.0
8	0.0	0.0	0.0	3.4
9	.9	0.0	.9	6.1
10	0.0	.2	.2	5.8
11	0.0	0.0	0.0	5.7
12	0.0	0.0	0.0	6.5
13	0.0	.1	.1	1.7
14	0.0	0.0	0.0	2.2
15	.8	.3	1.1	3.1
16	0.0	0.0	0.0	3.8
17	31.9	6.6	38.5	1.1
18	0.0	6.1	6.1	3.1
19	0.0	.9	.9	2.1
20	6.4	19.6	26.0	6.0
21	0.0	2.0	2.0	2.2
22	1.3	0.0	1.3	1.5
23	5.0	0.0	5.0	2.8
24	.7	4.6	5.3	3.5
25	11.4	.1	11.5	2.2
26	0.0	0.0	0.0	6.0
27	0.0	.1	.1	7.0
28	0.0	10.3	10.3	4.6
29	0.0	0.0	0.0	5.5
30	0.0	2.2	2.2	5.3
31	0.0	0.0	0.0	.1
	68.7	53.5	122.2	138.6

Junio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	6.8	11.6	18.4	.5
2	24.4	0.0	24.4	.8
3	.6	.1	.7	1.5
4	0.0	0.0	0.0	3.8
5	5.8	0.0	5.8	1.5
6	.3	8.0	8.3	.1
7	1.8	0.0	1.8	3.6
8	7.5	113.6	121.1	8.2
9	0.0	0.0	0.0	3.0
10	0.0	0.0	0.0	3.5
11	4.4	0.0	4.4	4.4
12	0.0	0.0	0.0	7.9
13	0.0	0.0	0.0	3.4
14	0.0	0.0	0.0	7.2
15	0.0	0.0	0.0	4.9
16	0.0	0.0	0.0	5.7
17	8.7	0.0	8.7	3.9
18	0.0	0.0	0.0	6.8
19	0.0	0.0	0.0	8.2
20	0.0	0.0	0.0	3.2
21	0.0	0.0	0.0	8.5
22	0.0	0.0	0.0	8.4
23	0.0	0.0	0.0	8.0
24	.3	0.0	.3	7.1
25	0.0	0.0	0.0	7.8
26	0.0	0.0	0.0	7.8
27	1.7	0.0	1.7	6.2
28	6.1	0.0	6.1	6.7
29	.2	0.0	.2	5.3
30	0.0	0.0	0.0	10.3
31				
	68.6	133.3	201.9	158.2

Estación : EL BERRION
Año : 2002

Dpto. : VALLE
Mpio. : CARTAGO

Latitud : 4 ° 41 ' N
Longitud : 75° 51 ' W
Altitud : 1150 m

Julio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	7.0
2	0.0	0.0	0.0	7.8
3	0.0	0.0	0.0	6.7
4	2.9	22.6	25.5	6.9
5	9.6	1.3	10.9	.7
6	0.0	0.0	0.0	1.6
7	0.0	0.0	0.0	10.2
8	0.0	0.0	0.0	10.7
9	0.0	0.0	0.0	6.2
10	0.0	0.0	0.0	.8
11	0.0	24.2	24.2	3.9
12	0.0	0.0	0.0	10.0
13	0.0	0.0	0.0	10.4
14	.6	0.0	.6	6.1
15	4.8	.1	4.9	4.3
16	0.0	0.0	0.0	5.7
17	0.0	9.8	9.8	6.1
18	0.0	0.0	0.0	8.1
19	0.0	0.0	0.0	2.9
20	17.8	3.6	21.4	6.4
21	0.0	0.0	0.0	3.6
22	0.0	0.0	0.0	8.1
23	.3	0.0	.3	4.0
24	0.0	.1	.1	5.7
25	0.0	0.0	0.0	6.1
26	0.0	0.0	0.0	10.4
27	0.0	0.0	0.0	8.5
28	0.0	0.0	0.0	8.9
29	0.0	0.0	0.0	9.7
30	0.0	0.0	0.0	6.6
31	0.0	0.0	0.0	4.4
	36.0	61.7	97.7	198.5

Agosto

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	9.6
2	0.0	0.0	0.0	5.6
3	0.0	.1	.1	4.2
4	0.0	0.0	0.0	8.7
5	0.0	0.0	0.0	9.1
6	0.0	0.0	0.0	8.4
7	0.0	.8	.8	8.4
8	0.0	0.0	0.0	7.7
9	0.0	0.0	0.0	6.2
10	0.0	0.0	0.0	8.7
11	0.0	0.0	0.0	8.5
12	0.0	0.0	0.0	9.9
13	0.0	0.0	0.0	5.7
14	0.0	0.0	0.0	8.2
15	0.0	0.0	0.0	8.9
16	0.0	0.0	0.0	9.4
17	0.0	0.0	0.0	10.1
18	0.0	0.0	0.0	6.0
19	0.0	0.0	0.0	.9
20	0.0	0.0	0.0	8.9
21	0.0	0.0	0.0	8.8
22	0.0	0.0	0.0	8.1
23	0.0	0.0	0.0	6.3
24	0.0	0.0	0.0	8.8
25	1.7	0.0	1.7	5.6
26	13.7	1.3	15.0	2.1
27	0.0	0.0	0.0	2.8
28	0.0	12.6	12.6	5.7
29	2.3	0.0	2.3	0.0
30	0.0	0.0	0.0	6.6
31	0.0	0.0	0.0	7.6
	17.7	14.8	32.5	215.5

Septiembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	17.6	.6	18.2	3.6
2	.2	0.0	.2	5.8
3	0.0	2.5	2.5	8.2
4	0.0	0.0	0.0	9.2
5	0.0	0.0	0.0	6.6
6	0.0	0.0	0.0	6.8
7	0.0	0.0	0.0	7.3
8	0.0	0.0	0.0	9.0
9	0.0	0.0	0.0	2.9
10	1.3	0.0	1.3	3.4
11	0.0	0.0	0.0	6.7
12	43.5	0.0	43.5	8.6
13	0.0	0.0	0.0	8.5
14	5.8	0.0	5.8	8.3
15	.2	.2	.4	6.7
16	0.0	0.0	0.0	4.8
17	.2	13.5	13.7	1.3
18	6.9	0.0	6.9	4.4
19	0.0	0.0	0.0	3.1
20	0.0	0.0	0.0	7.7
21	25.7	0.0	25.7	8.8
22	.2	0.0	.2	6.8
23	0.0	7.3	7.3	5.0
24	0.0	1.9	1.9	6.6
25	1.0	43.5	44.5	5.2
26	2.0	7.2	9.2	2.7
27	0.0	9.5	9.5	6.6
28	1.9	0.0	1.9	4.1
29	0.0	0.0	0.0	6.3
30	0.0	0.0	0.0	6.0
31				
	106.5	86.2	192.7	181.0

Octubre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	5.5
2	0.0	0.0	0.0	4.8
3	0.0	0.0	0.0	8.5
4	0.0	0.0	0.0	8.5
5	0.0	0.0	0.0	3.5
6	0.0	0.0	0.0	6.3
7	13.5	0.0	13.5	1.8
8	0.0	0.0	0.0	6.9
9	1.3	0.0	1.3	8.7
10	0.0	26.0	26.0	7.3
11	0.0	0.0	0.0	5.3
12	0.0	0.0	0.0	8.3
13	0.0	0.0	0.0	8.1
14	0.0	0.0	0.0	8.4
15	10.4	0.0	10.4	3.2
16	.6	.7	1.3	5.1
17	1.7	8.0	9.7	3.4
18	1.4	0.0	1.4	5.3
19	1.1	.2	1.3	6.2
20	.3	0.0	.3	2.9
21	4.3	17.4	21.7	4.2
22	26.4	0.0	26.4	0.0
23	15.3	28.3	43.6	3.7
24	7.7	22.6	30.3	3.4
25	0.0	23.7	23.7	3.2
26	1.4	17.5	18.9	.2
27	0.0	0.0	0.0	2.0
28	0.0	0.0	0.0	0.0
29	0.0	11.0	11.0	1.1
30	0.0	0.0	0.0	.8
31	1.3	2.2	3.5	0.0
	86.7	157.6	244.3	136.6

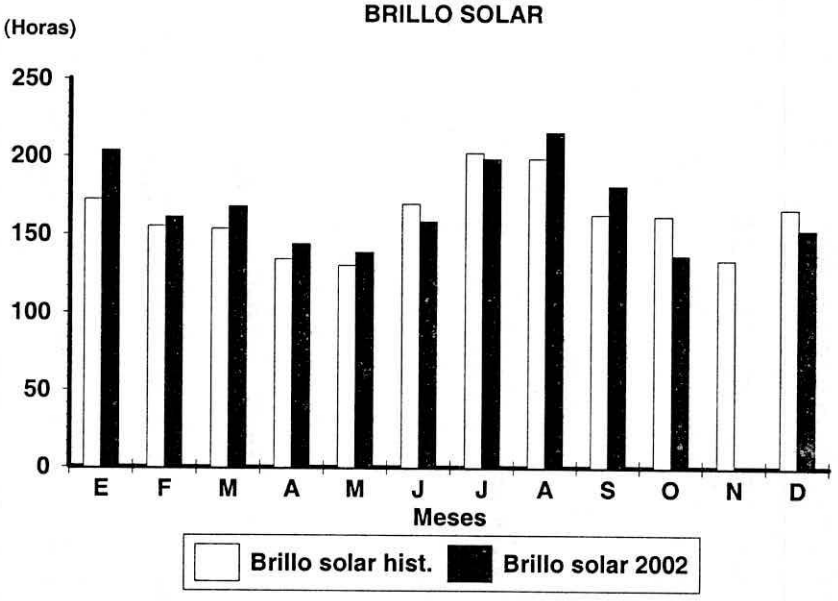
Noviembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	10.5	10.5	
2	37.8	34.0	71.8	
3	.5	.2	.7	
4	0.0	18.7	18.7	
5	0.0	4.6	4.6	
6	0.0	5.5	5.5	
7	0.0	9.6	9.6	
8	2.8	0.0	2.8	
9	0.0	0.0	0.0	
10	0.0	5.0	5.0	
11	.4	0.0	.4	
12	0.0	4.1	4.1	
13	0.0	19.8	19.8	
14	0.0	0.0	0.0	
15	0.0	0.0	0.0	
16	.1	0.0	.1	
17	2.1	8.8	10.9	
18	0.0	0.0	0.0	
19	0.0	0.0	0.0	
20	0.0	0.0	0.0	
21	.3	.1	.4	
22	0.0	0.0	0.0	
23	0.0	1.6	1.6	
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	0.0	0.0	0.0	
30	0.0	0.0	0.0	
31				
	44.0	122.5	166.5	

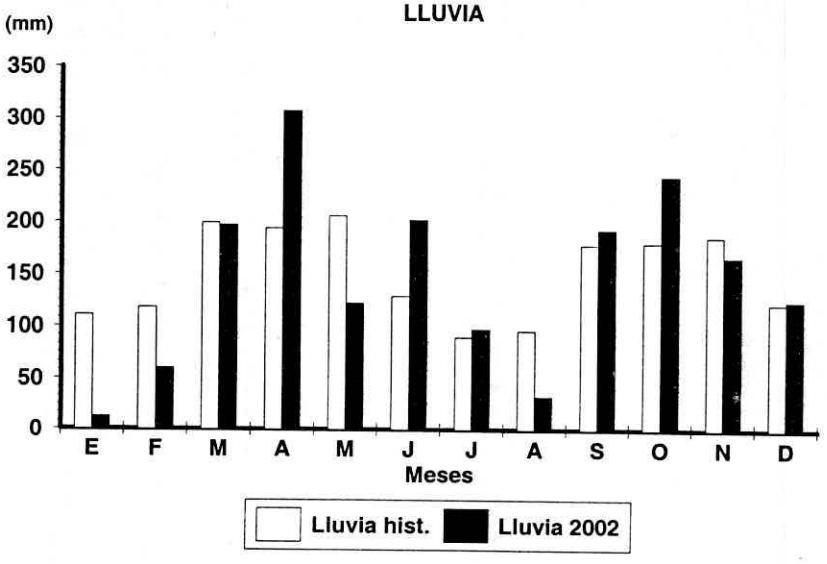
Diciembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	6.0
2	0.0	0.0	0.0	6.5
3	0.0	0.0	0.0	5.5
4	18.0	14.0	32.0	4.0
5	0.0	0.0	0.0	4.2
6	10.0	0.0	10.0	5.6
7	0.0	0.0	0.0	5.8
8	0.0	0.0	0.0	1.0
9	0.0	0.0	0.0	7.0
10	0.0	0.0	0.0	8.3
11	0.0	0.0	0.0	3.9
12	0.0	25.9	25.9	9.4
13	2.2	8.8	11.0	6.9
14	0.0	0.0	0.0	1.0
15	0.0	0.0	0.0	0.0
16	32.9	1.3	34.2	2.3
17	0.0	0.0	0.0	.4
18	7.0	0.0	7.0	1.6
19	0.0	0.0	0.0	6.7
20	4.1	0.0	4.1	2.8
21	0.0	0.0	0.0	5.9
22	0.0	0.0	0.0	7.0
23	0.0	0.0	0.0	7.9
24	0.0	0.0	0.0	3.4
25	0.0	0.0	0.0	5.8
26	0.0	0.0	0.0	7.1
27	0.0	0.0	0.0	3.7
28	0.0	0.0	0.0	5.1
29	.7	0.0	.7	6.9
30	0.0	0.0	0.0	7.0
31	0.0	0.0		4.2
	74.9	50.0	124.9	152.9

El Berrión
BRILLO SOLAR



LLUVIA



Estación : LA SELVA
Año : 2002

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	0.0	12.8	12.8	.1
2	.1	0.0	.1	5.4
3	0.0	0.0	0.0	1.7
4	0.0	0.0	0.0	7.4
5	0.0	0.0	0.0	5.8
6	0.0	0.0	0.0	4.2
7	37.2	12.6	49.8	1.7
8	0.0	0.0	0.0	6.7
9	1.2	0.0	1.2	.5
10	0.0	0.0	0.0	8.1
11	0.0	0.0	0.0	6.7
12	0.0	0.0	0.0	7.2
13	6.6	0.0	6.6	.3
14	1.0	0.0	1.0	4.4
15	.3	0.0	.3	6.9
16	0.0	0.0	0.0	5.3
17	0.0	0.0	0.0	8.1
18	0.0	0.0	0.0	8.4
19	1.2	2.3	3.5	5.0
20	1.0	0.0	1.0	4.0
21	0.0	0.0	0.0	4.8
22	0.0	0.0	0.0	7.8
23	0.0	0.0	0.0	5.7
24	0.0	0.0	0.0	1.2
25	0.0	0.0	0.0	1.6
26	0.0	0.0	0.0	3.7
27	0.0	0.0	0.0	4.2
28	0.0	0.0	0.0	7.4
29	0.0	.1	.1	5.0
30	0.0	0.0	0.0	3.0
31	0.0	0.0	0.0	.3
	48.6	27.8	76.4	142.6

Febrero

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	2.5	0.0	2.5	3.4
2	0.0	0.0	0.0	9.4
3	55.8	0.0	55.8	.3
4	0.0	0.0	0.0	6.5
5	0.0	.5	.5	6.7
6	0.0	0.0	0.0	6.0
7	0.0	0.0	0.0	6.6
8	0.0	0.0	0.0	8.4
9	.5	.1	.6	6.4
10	8.1	0.0	8.1	3.0
11	.5	0.0	.5	5.1
12	1.9	0.0	1.9	4.2
13	0.0	0.0	0.0	3.9
14	0.0	0.0	0.0	5.7
15	0.0	0.0	0.0	4.0
16	0.0	0.0	0.0	6.6
17	0.0	0.0	0.0	5.7
18	0.0	0.0	0.0	5.3
19	0.0	0.0	0.0	2.9
20	2.9	0.0	2.9	1.4
21	0.0	0.0	0.0	5.3
22	0.0	0.0	0.0	.7
23	0.0	0.0	0.0	3.1
24	0.0	0.0	0.0	5.0
25	0.0	0.0	0.0	5.1
26	1.2	1.9	3.1	3.2
27	1.5	0.0	1.5	1.8
28	.2	0.0	.2	1.3
29				
30				
31				
	75.1	2.5	77.6	127.0

Marzo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	6.6
2	0.0	0.0	0.0	6.0
3	1.2	0.0	1.2	5.2
4	.7	17.0	17.7	2.3
5	0.0	0.0	0.0	1.0
6	1.4	0.0	1.4	3.8
7	1.7	0.0	1.7	4.1
8	7.4	0.0	7.4	4.9
9	0.0	0.0	0.0	4.6
10	0.0	0.0	0.0	9.3
11	0.0	0.0	0.0	3.8
12	.4	.3	.7	1.5
13	.7	0.0	.7	2.1
14	.9	0.0	.9	1.8
15	6.7	0.0	6.7	2.8
16	0.0	29.1	29.1	2.7
17	4.4	0.0	4.4	.5
18	0.0	4.2	4.2	3.5
19	7.5	0.0	7.5	.5
20	0.0	16.4	16.4	1.3
21	.8	0.0	.8	6.0
22	0.0	.4	.4	4.9
23	9.4	0.0	9.4	.4
24	.9	.6	1.5	4.2
25	3.5	.1	3.6	5.2
26	0.0	0.0	0.0	3.7
27	0.0	0.0	0.0	1.8
28	58.0	0.0	58.0	1.0
29	0.0	0.0	0.0	6.6
30	0.0	0.0	0.0	9.2
31	0.0	0.0	0.0	3.9
	105.6	68.1	173.7	115.2

Abril

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	9.5	9.5	5.1
2	1.0	0.0	1.0	.2
3	.1	0.0	.1	.6
4	0.0	0.0	0.0	3.7
5	1.6	0.0	1.6	3.8
6	6.4	31.0	37.4	5.8
7	0.0	.3	.3	5.5
8	11.5	2.2	13.7	.4
9	0.0	.3	.3	3.8
10	0.0	0.0	0.0	2.5
11	0.0	0.0	0.0	9.5
12	0.0	0.0	0.0	9.9
13	0.0	0.0	0.0	5.4
14	.2	0.0	.2	9.9
15	0.0	0.0	0.0	3.1
16	0.0	0.0	0.0	5.1
17	.8	.2	1.0	1.8
18	1.0	0.0	1.0	1.2
19	.7	.5	1.2	2.1
20	0.0	.4	.4	1.1
21	4.6	0.0	4.6	3.8
22	0.0	0.0	0.0	3.0
23	8.9	0.0	8.9	3.3
24	1.7	45.0	46.7	1.0
25	12.7	6.0	18.7	.1
26	6.0	0.0	6.0	1.2
27	5.7	0.0	5.7	1.0
28	.1	0.0	.1	5.1
29	3.3	0.0	3.3	2.7
30	0.0	0.0	0.0	1.8
31				
	66.3	95.4	161.7	103.5

Mayo

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	1.2
2	0.0	0.0	0.0	6.2
3	0.0	0.0	0.0	4.2
4	0.0	0.0	0.0	9.7
5	0.0	0.0	0.0	7.6
6	0.0	0.0	0.0	5.9
7	0.0	0.0	0.0	4.9
8	0.0	0.0	0.0	1.8
9	0.0	0.0	0.0	7.2
10	0.0	3.4	3.4	6.5
11	0.0	0.0	0.0	2.4
12	0.0	0.0	0.0	9.0
13	0.0	0.0	0.0	3.1
14	0.0	0.0	0.0	2.7
15	0.0	2.5	2.5	1.9
16	1.1	2.8	3.9	2.5
17	0.0	0.0	0.0	1.2
18	.4	.3	.7	2.5
19	9.4	0.0	9.4	.5
20	10.3	54.1	64.4	2.8
21	8.3	0.0	8.3	.4
22	.6	0.0	.6	1.5
23	0.0	0.0	0.0	1.4
24	0.0	.4	.4	3.4
25	10.8	2.8	13.6	0.0
26	.3	0.0	.3	3.9
27	.3	.6	.9	3.4
28	0.0	0.0	0.0	1.1
29	0.0	0.0	0.0	2.0
30	1.2	0.0	1.2	.5
31	2.1	0.0	2.1	.1
	44.8	66.9	111.7	101.5

Junio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	1.0	1.0	1.7
2	1.7	0.0	1.7	1.7
3	2.4	0.0	2.4	.2
4	0.0	6.5	6.5	.1
5	1.0	8.5	9.5	1.8
6	6.3	2.8	9.1	.5
7	1.8	0.0	1.8	.3
8	1.6	1.9	3.5	5.1
9	1.1	0.0	1.1	0.0
10	0.0	1.0	1.0	6.4
11	0.0	0.0	0.0	1.0
12	0.0	.3	.3	6.0
13	0.0	0.0	0.0	1.6
14	.1	0.0	.1	4.4
15	.3	0.0	.3	1.2
16	0.0	.1	.1	7.6
17	0.0	0.0	0.0	.7
18	0.0	0.0	0.0	5.5
19	0.0	0.0	0.0	3.6
20	.6	0.0	.6	1.5
21	0.0	0.0	0.0	1.1
22	0.0	0.0	0.0	1.7
23	0.0	0.0	0.0	5.3
24	0.0	.4	.4	5.3
25	.2	0.0	.2	2.1
26	0.0	0.0	0.0	8.1
27	0.0	0.0	0.0	7.2
28	0.0	.2	.2	2.2
29	.7	0.0	.7	1.8
30	0.0	0.0	0.0	7.3
31				
	17.8	22.7	40.5	93.0

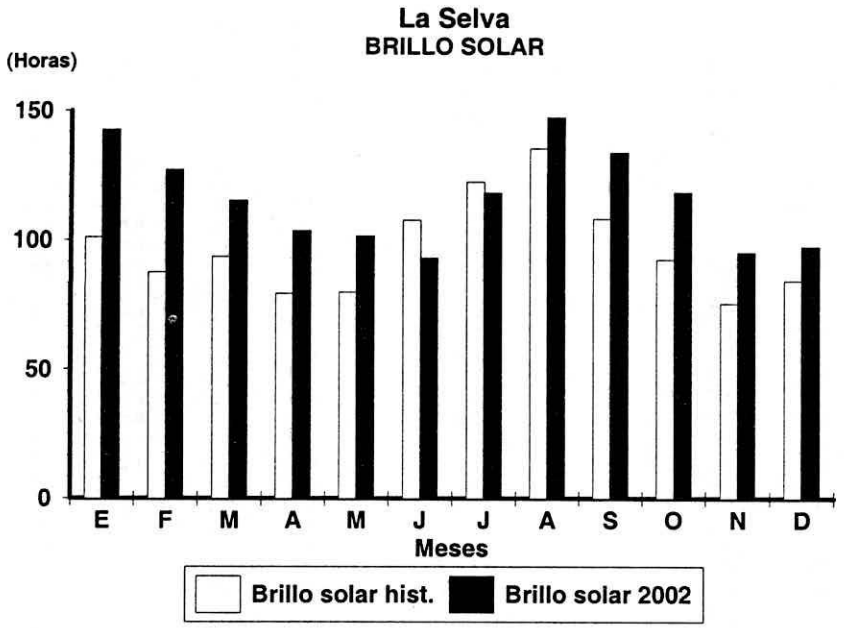
Estación : LA SELVA
Año : 2002

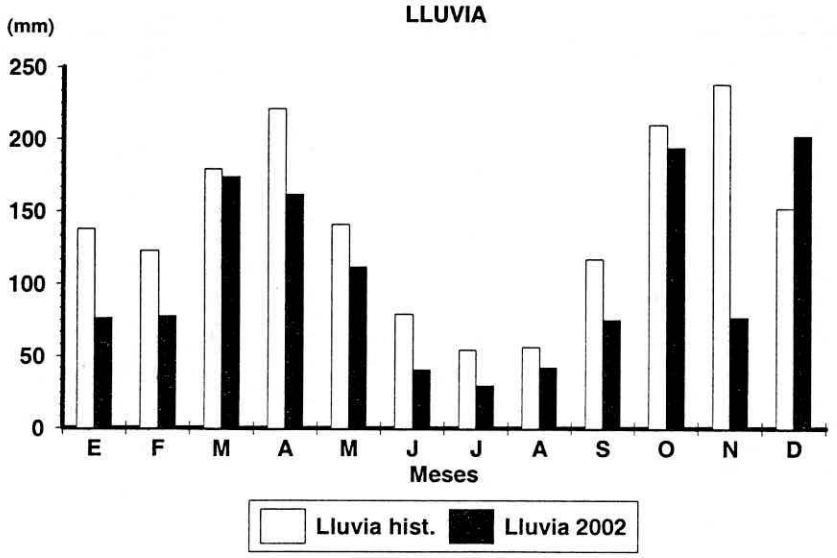
Dpto. : VALLE
Mpio. : GINEBRA

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	4.9	0.0	0.0	0.0	4.1	.3	8.7	9.0	1.1
2	0.0	0.0	0.0	4.2	0.0	0.0	0.0	8.4	0.0	0.0	0.0	2.5
3	0.0	1.0	1.0	6.0	0.0	0.0	0.0	7.5	.1	0.0	.1	4.9
4	3.5	.6	4.1	3.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	6.5
5	11.1	5.1	16.2	.3	0.0	0.0	0.0	7.0	0.0	0.0	0.0	5.8
6	0.0	0.0	0.0	1.5	0.0	0.0	0.0	8.4	0.0	0.0	0.0	6.9
7	0.0	0.0	0.0	8.3	0.0	0.0	0.0	1.2	0.0	0.0	0.0	7.7
8	0.0	0.0	0.0	9.6	.6	.2	.8	2.5	0.0	0.0	0.0	9.7
9	0.0	0.0	0.0	4.1	1.5	0.0	1.5	1.4	0.0	0.0	0.0	7.7
10	0.0	.2	.2	.1	0.0	0.0	0.0	8.6	0.0	0.0	0.0	.2
11	0.0	0.0	0.0	1.9	0.0	0.0	0.0	1.5	.3	0.0	.3	4.8
12	0.0	0.0	0.0	5.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	5.6
13	0.0	0.0	0.0	6.6	0.0	0.0	0.0	1.7	0.0	0.0	0.0	7.5
14	0.0	0.0	0.0	4.6	0.0	.6	.6	3.1	0.0	0.0	0.0	2.5
15	.3	0.0	.3	1.8	0.0	0.0	0.0	3.7	0.0	.3	.3	4.2
16	1.0	0.0	1.0	4.3	0.0	0.0	0.0	3.3	0.0	0.0	0.0	1.4
17	0.0	2.9	2.9	2.0	0.0	0.0	0.0	9.2	.1	0.0	.1	.9
18	1.1	0.0	1.1	.6	0.0	0.0	0.0	7.1	1.3	0.0	1.3	1.9
19	0.0	0.0	0.0	3.2	0.0	.3	.3	3.7	0.0	1.1	1.1	2.6
20	0.0	0.0	0.0	1.7	0.0	0.0	0.0	6.0	0.0	0.0	0.0	4.2
21	1.2	0.0	1.2	.4	0.0	0.0	0.0	10.0	0.0	0.0	0.0	7.6
22	.5	0.0	.5	3.6	3.6	0.0	3.6	6.1	0.0	0.0	0.0	7.2
23	0.0	0.0	0.0	3.4	.1	0.0	.1	5.4	.5	0.0	.5	3.3
24	.9	0.0	.9	3.0	0.0	0.0	0.0	8.7	1.0	.2	1.2	2.8
25	0.0	0.0	0.0	1.2	.1	0.0	.1	5.5	15.7	39.3	55.0	2.0
26	0.0	0.0	0.0	5.7	0.0	7.6	7.6	.5	2.6	1.3	3.9	1.1
27	0.0	0.0	0.0	5.8	0.0	0.0	0.0	1.1	.1	1.8	1.9	2.8
28	0.0	0.0	0.0	3.4	0.0	23.1	23.1	1.9	.2	0.0	.2	1.9
29	0.0	0.0	0.0	7.4	4.1	0.0	4.1	.1	.1	0.0	.1	7.8
30	0.0	0.0	0.0	6.9	0.0	0.0	0.0	5.6	0.0	0.0	0.0	8.8
31	0.0	0.0	0.0	3.7	0.0	0.0	0.0	3.9				
	19.6	9.8	29.4	118.2	10.0	31.8	41.8	147.5	22.3	52.7	75.0	133.9

	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	8.4	2.1	1.8	3.9	0.0	15.3	0.0	15.3	5.3
2	0.0	0.0	0.0	7.6	2.1	0.0	2.1	.1	0.0	0.0	0.0	5.5
3	0.0	0.0	0.0	8.2	21.6	0.0	21.6	.5	6.2	0.0	6.2	4.1
4	0.0	0.0	0.0	8.5	.3	0.0	.3	2.8	0.0	0.0	0.0	3.9
5	0.0	0.0	0.0	4.6	4.3	2.3	6.6	1.3	0.0	2.2	2.2	.7
6	0.0	0.0	0.0	1.8	3.6	.2	3.8	2.0	.6	0.0	.6	2.0
7	8.2	0.0	8.2	1.8	.5	1.2	1.7	.5	6.6	0.0	6.6	.9
8	0.0	0.0	0.0	4.2	9.9	1.4	11.3	0.0	1.7	5.0	6.7	.2
9	0.0	0.0	0.0	5.5	.6	0.0	.6	.3	0.0	0.0	0.0	5.9
10	0.0	51.1	51.1	7.4	3.1	0.0	3.1	3.6	6.2	1.1	7.3	3.8
11	0.0	0.0	0.0	.8	0.0	0.0	0.0	2.4	0.0	0.0	0.0	4.2
12	0.0	0.0	0.0	9.3	2.0	0.0	2.0	2.4	0.0	0.0	0.0	6.4
13	0.0	0.0	0.0	4.2	.1	16.7	16.8	.2	3.0	0.0	3.0	2.4
14	1.0	0.0	1.0	6.7	.2	0.0	.2	2.8	0.0	54.1	54.1	.4
15	1.3	0.0	1.3	2.7	0.0	0.0	0.0	7.5	47.1	14.1	61.2	0.0
16	0.0	0.0	0.0	3.3	.2	0.0	.2	2.3	12.9	2.7	15.6	.1
17	6.1	13.6	19.7	.4	0.0	0.0	0.0	1.4	4.9	0.0	4.9	.1
18	1.9	0.0	1.9	3.8	2.6	0.0	2.6	1.8	.1	0.0	.1	.9
19	2.3	0.0	2.3	5.4	0.0	0.0	0.0	3.5	.8	0.0	.8	2.1
20	4.6	4.8	9.4	2.7	0.0	0.0	0.0	4.5	8.2	0.0	8.2	.7
21	8.8	5.6	14.4	1.4	0.0	0.0	0.0	6.5	2.2	0.0	2.2	2.0
22	3.5	0.0	3.5	.5	0.0	0.0	0.0	6.0	0.0	0.0	0.0	3.8
23	9.5	4.7	14.2	2.2	0.0	0.0	0.0	6.6	0.0	0.0	0.0	7.8
24	0.0	12.4	12.4	3.2	0.0	0.0	0.0	7.0	0.0	0.0	0.0	1.8
25	.6	.2	.8	3.8	0.0	0.0	0.0	7.0	0.0	0.0	0.0	4.6
26	5.8	29.5	35.3	.5	0.0	0.0	0.0	5.0	0.0	0.0	0.0	7.2
27	3.8	0.0	3.8	.8	0.0	0.0	0.0	5.7	0.0	0.0	0.0	3.0
28	0.0	1.3	1.3	5.7	0.0	0.0	0.0	6.3	1.3	0.0	1.3	5.0
29	1.6	5.4	7.0	1.7	0.0	0.0	0.0	.9	1.2	0.0	1.2	4.9
30	.3	0.0	.3	.6	0.0	0.0	0.0	4.4	0.0	0.0	0.0	4.5
31	6.2	0.0	6.2	.8					4.8	0.0	4.8	3.2
	65.5	128.6	194.1	118.5	53.2	23.6	76.8	95.3	123.1	79.2	202.3	97.4


La Selva
BRILLO SOLAR
(Horas)
150
100
50
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 2002


LLUVIA
(mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : CAMPANELLA
Año : 2002

Dpto. : VALLE
Mpio. : PALMIRA

Latitud : 3 ° 29 ' N
Longitud : 76° 12 ' W
Altitud : 1550 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	.7	.2	.9	3.4
2	0.0	0.0	0.0	4.2
3	0.0	0.0	0.0	3.6
4	0.0	0.0	0.0	5.0
5	0.0	0.0	0.0	3.7
6	.9	0.0	.9	3.6
7	17.4	13.5	30.9	1.3
8	6.3	.8	7.1	4.4
9	4.3	0.0	4.3	.2
10	0.0	0.0	0.0	6.1
11	0.0	0.0	0.0	4.8
12	.5	.3	.8	5.1
13	10.5	.1	10.6	0.0
14	0.0	0.0	0.0	1.9
15	0.0	0.0	0.0	5.1
16	0.0	0.0	0.0	3.5
17	0.0	0.0	0.0	3.9
18	0.0	0.0	0.0	5.2
19	0.0	0.0	0.0	4.0
20	33.4	0.0	33.4	2.4
21	1.6	0.0	1.6	1.8
22	0.0	0.0	0.0	5.1
23	0.0	0.0	0.0	3.1
24	0.0	0.0	0.0	2.9
25	0.0	0.0	0.0	1.1
26	0.0	0.0	0.0	3.8
27	0.0	0.0	0.0	4.3
28	0.0	0.0	0.0	5.4
29	0.0	0.0	0.0	6.0
30	0.0	0.0	0.0	3.2
31	0.0	0.0	0.0	1.2
	75.6	14.9	90.5	109.3

Febrero

	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
	0.0	0.0	0.0	3.2
	0.0	0.0	0.0	6.1
	2.8	0.0	2.8	.1
	0.0	0.0	0.0	.2
	0.0	0.0	0.0	6.3
	0.0	0.0	0.0	5.9
	.7	0.0	.7	2.0
	0.0	0.0	0.0	7.0
	0.0	.7	.7	3.9
	0.0	22.0	22.0	3.3
	0.0	0.0	0.0	4.0
	.8	0.0	.8	3.9
	0.0	0.0	0.0	5.9
	0.0	0.0	0.0	5.5
	0.0	0.0	0.0	6.5
	0.0	0.0	0.0	3.3
	0.0	0.0	0.0	7.3
	0.0	0.0	0.0	4.8
	0.0	0.0	0.0	4.3
	0.0	0.0	0.0	2.8
	0.0	0.0	0.0	4.2
	0.0	0.0	0.0	.6
	0.0	0.0	0.0	4.4
	0.0	0.0	0.0	4.6
	0.0	0.0	0.0	6.2
	0.0	18.2	18.2	3.3
	28.6	6.1	34.7	1.9
	.9	0.0	.9	4.0
	33.8	47.0	80.8	115.5

Marzo

	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
	0.0	0.0	0.0	6.9
	0.0	0.0	0.0	2.8
	0.0	0.0	0.0	4.4
	0.0	1.6	1.6	3.6
	.8	0.0	.8	0.0
	0.0	0.0	0.0	3.8
	0.0	0.0	0.0	3.4
	0.0	0.0	0.0	5.4
	0.0	0.0	0.0	6.0
	0.0	0.0	0.0	6.7
	0.0	0.0	0.0	1.8
	0.0	.2	.2	1.8
	1.0	0.0	1.0	3.5
	0.0	0.0	0.0	2.8
	0.0	2.9	2.9	2.1
	0.0	1.5	1.5	2.5
	.8	0.0	.8	0.0
	.8	7.0	7.8	2.6
	2.5	.4	2.9	.2
	0.0	32.5	32.5	1.1
	.9	0.0	.9	.6
	1.4	6.5	7.9	5.1
	5.5	0.0	5.5	2.0
	1.4	1.2	2.6	4.9
	0.0	0.0	0.0	1.9
	0.0	.2	.2	5.1
	3.3	0.0	3.3	.7
	5.0	0.0	5.0	0.0
	0.0	0.0	0.0	6.1
	0.0	0.0	0.0	5.9
	0.0	0.0	0.0	1.9
	23.4	54.0	77.4	95.6

Abril

N°Día	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
1	.3	0.0	.3	5.4
2	4.8	0.0	4.8	0.0
3	1.4	0.0	1.4	1.5
4	3.9	0.0	3.9	4.7
5	46.0	0.0	46.0	3.0
6	2.1	65.8	67.9	7.5
7	0.0	0.0	0.0	2.2
8	13.7	3.3	17.0	.7
9	0.0	0.0	0.0	2.5
10	0.0	0.0	0.0	3.9
11	0.0	0.0	0.0	8.7
12	0.0	.6	.6	9.5
13	0.0	0.0	0.0	6.5
14	7.1	0.0	7.1	8.9
15	0.0	0.0	0.0	4.6
16	0.0	0.0	0.0	2.9
17	0.0	.3	.3	.7
18	5.8	0.0	5.8	1.3
19	6.0	2.5	8.5	.6
20	0.0	0.0	0.0	1.3
21	0.0	0.0	0.0	3.1
22	.4	0.0	.4	2.0
23	0.0	0.0	0.0	1.9
24	1.5	41.3	42.8	1.7
25	7.9	4.6	12.5	0.0
26	7.5	1.4	8.9	.7
27	3.8	0.0	3.8	.3
28	0.0	0.0	0.0	4.9
29	.7	0.0	.7	3.3
30	.3	0.0	.3	1.2
31				
	113.2	119.8	233.0	95.5

Mayo

	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
	0.0	0.0	0.0	1.6
	0.0	0.0	0.0	7.4
	0.0	0.0	0.0	3.9
	0.0	0.0	0.0	7.6
	0.0	0.0	0.0	5.8
	0.0	0.0	0.0	6.4
	0.0	0.0	0.0	6.1
	0.0	0.0	0.0	1.5
	.7	0.0	.7	5.3
	0.0	.7	.7	5.9
	0.0	0.0	0.0	4.4
	0.0	0.0	0.0	6.6
	0.0	0.0	0.0	6.5
	0.0	0.0	0.0	2.5
	0.0	0.0	0.0	.4
	.6	.1	.7	1.4
	1.1	0.0	1.1	.4
	.8	.3	1.1	2.2
	4.9	0.0	4.9	.9
	4.3	12.7	17.0	3.1
	1.3	0.0	1.3	.2
	0.0	0.0	0.0	1.1
	0.0	0.0	0.0	1.2
	0.0	1.1	1.1	4.2
	29.5	10.8	40.3	0.0
	0.0	0.0	0.0	1.2
	.1	22.8	22.9	4.2
	0.0	0.0	0.0	3.0
	0.0	0.0	0.0	1.6
	1.4	0.0	1.4	1.7
	1.3	0.0	1.3	.5
	46.0	48.5	94.5	98.8

Junio

	Precipitación (mm) Día	Noche	Total	Brillo Sol.(h)
	0.0	0.0	0.0	2.2
	3.6	0.0	3.6	1.4
	1.6	.4	2.0	1.3
	.4	0.0	.4	0.0
	6.8	16.7	23.5	.3
	2.8	3.0	5.8	.4
	.5	0.0	.5	.1
	.2	2.3	2.5	2.2
	1.4	0.0	1.4	.3
	0.0	.1	.1	5.4
	.2	0.0	.2	1.8
	0.0	3.1	3.1	4.9
	3.7	0.0	3.7	.8
	0.0	0.0	0.0	4.8
	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	7.3
	0.0	0.0	0.0	.4
	0.0	0.0	0.0	2.8
	0.0	0.0	0.0	1.8
	0.0	0.0	0.0	4.6
	0.0	0.0	0.0	.8
	0.0	0.0	0.0	3.4
	0.0	0.0	0.0	2.5
	.5	.4	.9	1.0
	1.5	0.0	1.5	.8
	0.0	0.0	0.0	8.3
	0.0	0.0	0.0	6.0
	0.0	0.0	0.0	2.0
	0.0	0.0	0.0	2.2
	0.0	0.0	0.0	2.6
	23.2	26.0	49.2	72.4

Estación : CAMPANELLA
Año : 2002

Dpto. : VALLE
Mpio. : PALMIRA

Latitud : 3 ° 29 ' N
Longitud : 76° 12 ' W
Altitud : 1550 m

Julio

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	5.1
2	0.0	0.0	0.0	4.4
3	0.0	0.0	0.0	3.1
4	0.0	.5	.5	1.4
5	11.4	2.0	13.4	0.0
6	0.0	0.0	0.0	1.1
7	0.0	0.0	0.0	5.9
8	0.0	0.0	0.0	6.7
9	0.0	0.0	0.0	5.9
10	0.0	0.0	0.0	.4
11	0.0	0.0	0.0	.8
12	0.0	0.0	0.0	2.4
13	0.0	0.0	0.0	7.1
14	0.0	0.0	0.0	5.5
15	.5	0.0	.5	2.4
16	0.0	0.0	0.0	4.1
17	0.0	.7	.7	1.1
18	.8	0.0	.8	1.1
19	0.0	0.0	0.0	4.7
20	0.0	0.0	0.0	2.4
21	2.2	0.0	2.2	.5
22	0.0	0.0	0.0	2.1
23	0.0	0.0	0.0	2.1
24	0.0	0.0	0.0	2.6
25	0.0	0.0	0.0	2.6
26	0.0	0.0	0.0	5.1
27	0.0	0.0	0.0	5.6
28	0.0	0.0	0.0	6.9
29	0.0	0.0	0.0	3.7
30	0.0	0.0	0.0	6.1
31	0.0	0.0	0.0	3.4
	14.9	3.2	18.1	106.3

Agosto

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	8.7
2	0.0	0.0	0.0	5.4
3	0.0	0.0	0.0	6.4
4	0.0	0.0	0.0	5.3
5	0.0	0.0	0.0	5.7
6	0.0	0.0	0.0	5.0
7	0.0	0.0	0.0	.8
8	0.0	.5	.5	4.7
9	0.0	0.0	0.0	.5
10	0.0	0.0	0.0	7.5
11	0.0	0.0	0.0	4.3
12	0.0	0.0	0.0	5.4
13	0.0	0.0	0.0	4.5
14	0.0	0.0	0.0	2.4
15	0.0	0.0	0.0	1.0
16	0.0	0.0	0.0	6.6
17	0.0	0.0	0.0	9.6
18	0.0	0.0	0.0	8.0
19	0.0	0.0	0.0	4.4
20	0.0	0.0	0.0	7.4
21	0.0	0.0	0.0	9.2
22	0.0	0.0	0.0	7.1
23	0.0	0.0	0.0	5.1
24	0.0	0.0	0.0	5.8
25	0.0	0.0	0.0	5.1
26	0.0	.3	.3	1.0
27	5.6	0.0	5.6	.7
28	0.0	23.7	23.7	3.3
29	1.1	0.0	1.1	0.0
30	0.0	0.0	0.0	2.8
31	0.0	0.0	0.0	4.9
	6.7	24.5	31.2	148.6

Septiembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	14.2	8.7	22.9	1.1
2	0.0	.5	.5	4.4
3	0.0	0.0	0.0	4.7
4	0.0	0.0	0.0	7.4
5	0.0	0.0	0.0	5.7
6	0.0	0.0	0.0	6.4
7	0.0	0.0	0.0	6.9
8	0.0	0.0	0.0	8.0
9	0.0	0.0	0.0	7.0
10	0.0	0.0	0.0	1.6
11	0.0	0.0	0.0	4.3
12	0.0	0.0	0.0	6.1
13	0.0	0.0	0.0	6.7
14	0.0	3.2	3.2	2.0
15	0.0	0.0	0.0	2.9
16	0.0	0.0	0.0	2.7
17	.1	0.0	.1	1.1
18	1.2	.5	1.7	.7
19	0.0	0.0	0.0	4.1
20	0.0	0.0	0.0	4.3
21	0.0	0.0	0.0	6.3
22	0.0	0.0	0.0	7.5
23	0.0	0.0	0.0	4.1
24	.3	0.0	.3	2.3
25	3.4	75.0	78.4	2.3
26	5.1	4.8	9.9	.7
27	1.9	10.8	12.7	2.2
28	0.0	0.0	0.0	2.4
29	0.0	0.0	0.0	5.6
30	0.0	0.0	0.0	5.6
31				
	26.2	103.5	129.7	127.1

Octubre

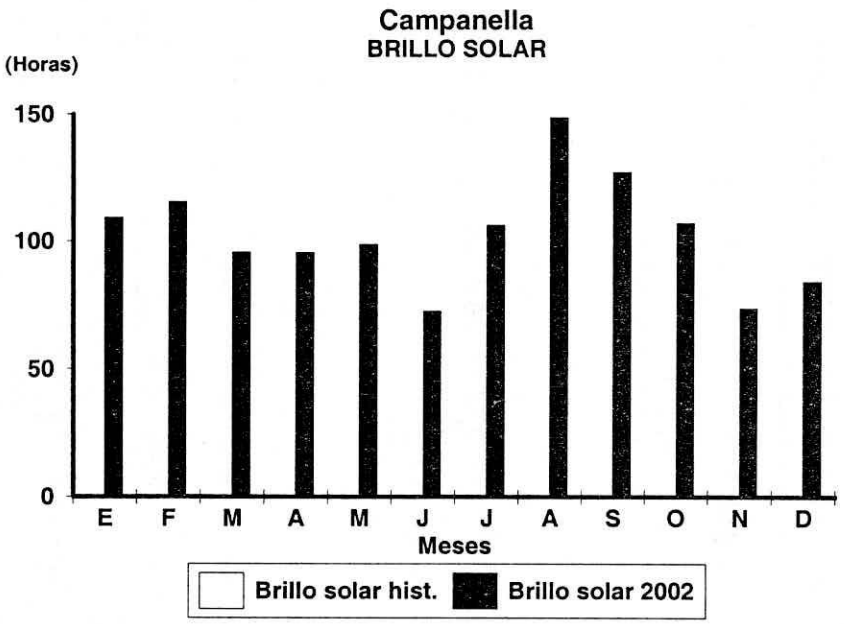
N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	7.5
2	0.0	0.0	0.0	7.1
3	0.0	0.0	0.0	7.0
4	0.0	0.0	0.0	8.5
5	0.0	0.0	0.0	5.8
6	0.0	0.0	0.0	1.7
7	0.0	0.0	0.0	2.2
8	0.0	0.0	0.0	2.0
9	0.0	0.0	0.0	6.1
10	1.4	13.1	14.5	6.1
11	0.0	0.0	0.0	1.6
12	0.0	0.0	0.0	5.6
13	0.0	0.0	0.0	7.4
14	.9	0.0	.9	4.5
15	.4	.1	.5	3.6
16	0.0	0.0	0.0	3.2
17	0.0	2.7	2.7	1.5
18	0.0	0.0	0.0	1.3
19	.2	0.0	.2	3.3
20	4.2	4.8	9.0	.7
21	0.0	2.7	2.7	2.0
22	2.1	0.0	2.1	.7
23	41.8	11.4	53.2	2.8
24	0.0	10.1	10.1	2.2
25	0.0	0.0	0.0	3.2
26	4.3	5.7	10.0	.4
27	0.0	0.0	0.0	.9
28	3.5	11.4	14.9	4.6
29	24.0	7.5	31.5	.3
30	0.0	10.1	10.1	1.9
31	1.8	0.0	1.8	1.3
	84.6	79.6	164.2	107.0

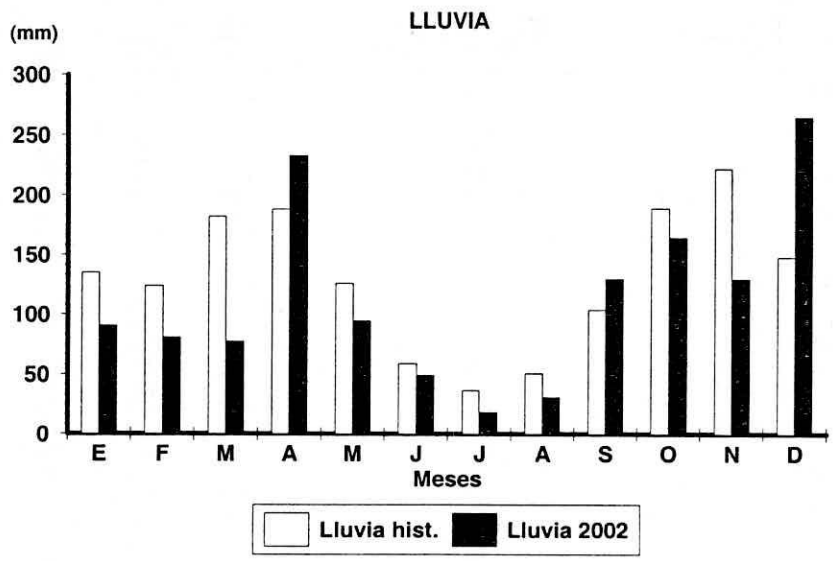
Noviembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	5.4	5.2	10.6	.3
2	18.9	0.0	18.9	.4
3	9.6	0.0	9.6	.3
4	.4	30.9	31.3	1.1
5	1.0	4.8	5.8	.4
6	1.9	.4	2.3	.5
7	1.4	1.1	2.5	.2
8	5.0	2.6	7.6	.4
9	2.5	0.0	2.5	1.5
10	.4	0.0	.4	4.3
11	0.0	0.0	0.0	1.1
12	0.0	1.0	1.0	2.3
13	4.5	32.2	36.7	.4
14	0.0	0.0	0.0	3.8
15	0.0	0.0	0.0	5.0
16	0.0	0.0	0.0	2.0
17	0.0	0.0	0.0	2.3
18	0.0	0.0	0.0	1.6
19	.4	0.0	.4	4.1
20	0.0	0.0	0.0	5.5
21	0.0	0.0	0.0	2.4
22	0.0	0.0	0.0	2.3
23	0.0	0.0	0.0	4.9
24	0.0	0.0	0.0	1.7
25	0.0	0.0	0.0	5.3
26	0.0	0.0	0.0	5.5
27	0.0	0.0	0.0	3.9
28	0.0	0.0	0.0	5.7
29	0.0	0.0	0.0	.8
30	0.0	0.0	0.0	3.5
31				
	51.4	78.2	129.6	73.5

Diciembre

N°Día	Precipitación Día	Precipitación Noche	Precipitación Total (mm)	Brillo Sol.(h)
1	0.0	0.0	0.0	4.3
2	0.0	0.0	0.0	5.5
3	9.2	0.0	9.2	3.1
4	6.3	0.0	6.3	2.6
5	11.1	0.0	11.1	1.3
6	1.5	0.0	1.5	3.2
7	1.0	0.0	1.0	1.1
8	25.1	23.1	48.2	.4
9	0.0	0.0	0.0	5.7
10	0.0	0.0	0.0	4.6
11	0.0	0.0	0.0	2.6
12	0.0	.3	.3	4.6
13	0.0	.6	.6	1.8
14	0.0	81.1	81.1	1.7
15	8.2	2.7	10.9	0.0
16	1.9	1.1	3.0	.2
17	.9	.3	1.2	0.0
18	3.8	0.0	3.8	.1
19	1.9	0.0	1.9	2.0
20	30.2	0.0	30.2	.2
21	0.0	0.0	0.0	2.5
22	.3	0.0	.3	4.0
23	0.0	0.0	0.0	5.5
24	0.0	0.0	0.0	.9
25	0.0	0.0	0.0	4.7
26	0.0	0.0	0.0	3.7
27	0.0	0.0	0.0	2.0
28	36.7	0.0	36.7	4.2
29	.1	0.0	.1	2.7
30	16.4	0.0	16.4	4.6
31	1.0	0.0	1.0	4.2
	155.6	109.2	264.8	84.0


Campanella
BRILLO SOLAR
(Horas)
150
100
50
0
E F M A M J J A S O N D
Meses
Brillo solar hist.
Brillo solar 2002


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 2002

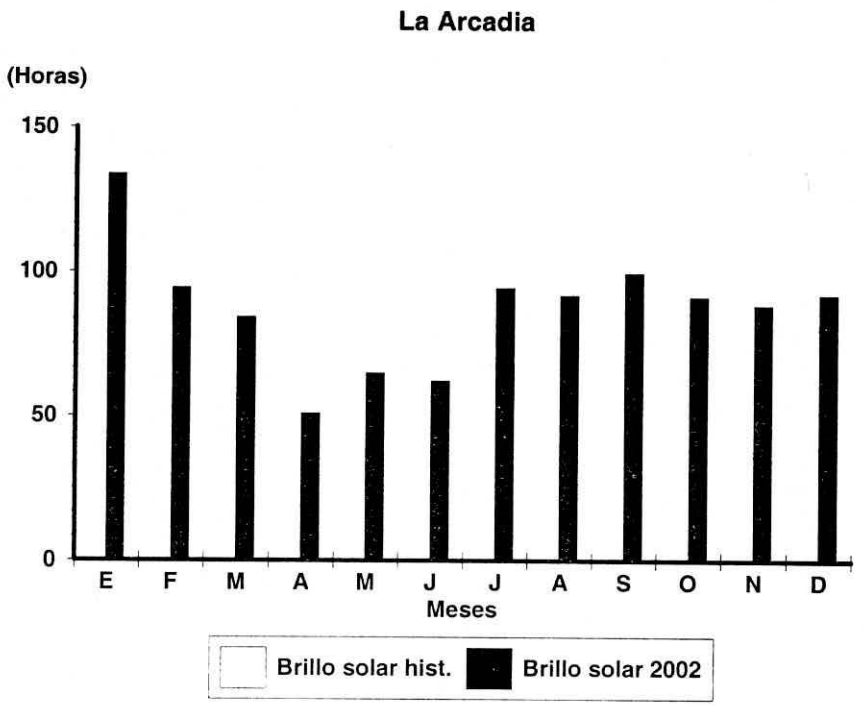
Estación : LA ARCADIA
Año : 2002

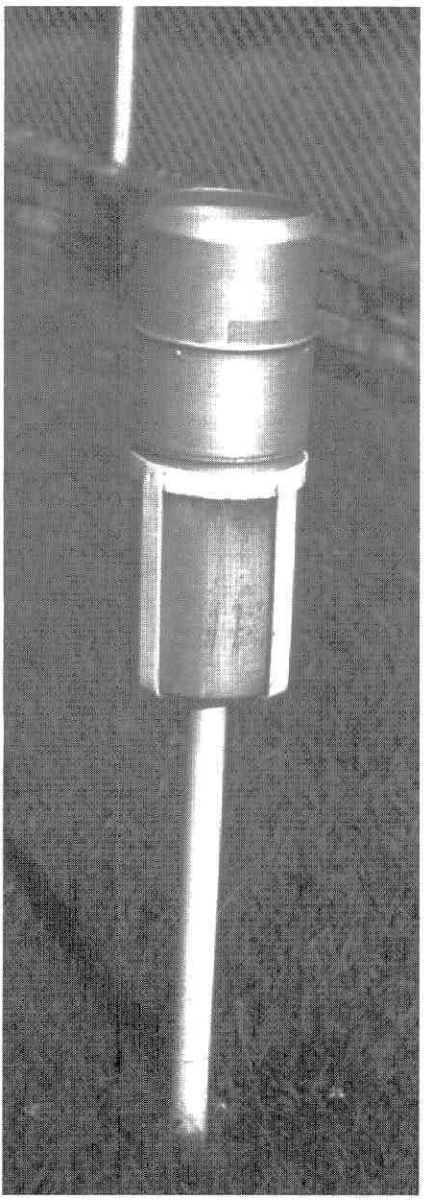
Dpto. : CUNDINAMARCA
Mpio. : EL COLEGIO

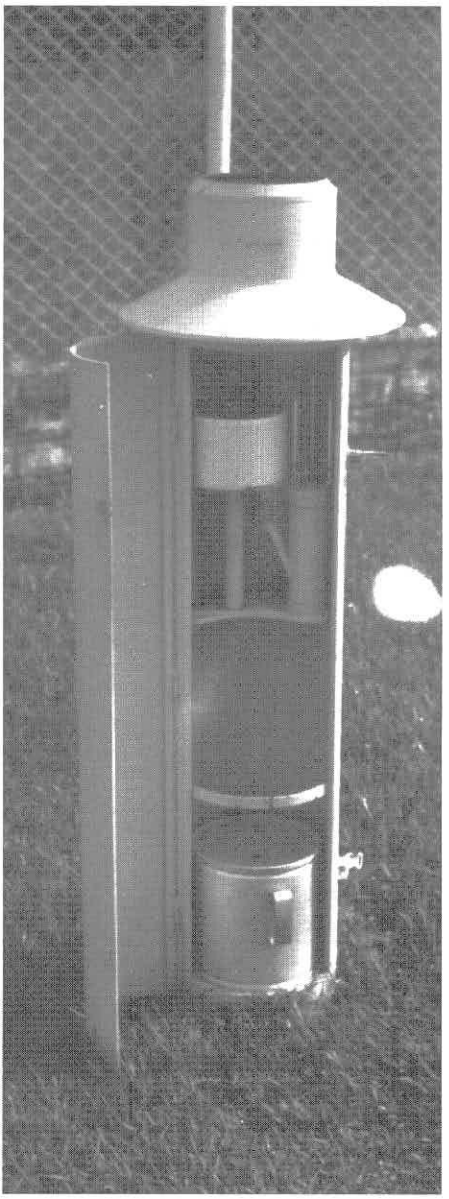
Latitud : 4 ° 32 ' N
Longitud : 74 ° 27 ' W
Altitud : 1790 m

BRILLO SOLAR (Horas)

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	4.6	3.5	5.2	0.0	1.1	2.1	3.1	2.4	.3	5.5	2.2	3.2	
2	5.3	5.1	5.1	0.0	2.2	0.0	2.1	4.4	3.7	5.4	.5	4.8	
3	5.1	.3	5.3	1.9	2.5	2.4	3.3	2.4	4.8	3.5	.3	3.3	
4	5.1	.8	6.7	2.0	5.8	.4	3.5	2.5	8.7	6.1	3.5	5.7	
5	5.9	5.4	.9	4.5	8.1	.9	1.2	6.4	3.1	5.3	2.8	6.4	
6	2.8	5.3	7.3	4.1	2.1	0.0	1.0	3.9	1.9	4.6	3.9	2.3	
7	6.3	3.6	1.1	4.2	.8	.6	4.7	5.9	3.8	2.0	.5	2.3	
8	4.8	.8	3.8	.7	2.9	4.9	3.4	2.1	8.5	1.3	1.2	.5	
9	5.5	.6	7.3	3.0	2.3	4.4	6.3	1.3	3.0	3.2	2.2	.8	
10	8.9	4.0	2.6	4.8	3.7	6.1	1.7	1.3	1.0	2.7	3.7	4.0	
11	4.6	2.9	2.9	2.4	2.5	1.9	.7	1.6	1.1	1.7	4.0	2.9	
12	2.3	4.7	1.8	.5	3.0	6.2	6.2	4.9	4.7	2.6	2.0	4.3	
13	1.5	5.1	5.0	.2	2.5	1.4	5.9	3.6	2.2	3.9	.1	3.7	
14	3.3	3.4	1.8	1.7	1.8	3.3	3.6	2.7	2.6	7.8	2.6	.2	
15	4.5	3.3	.1	1.7	1.8	.6	3.4	3.9	2.8	2.7	4.9	0.0	
16	6.0	5.2	3.7	2.9	1.0	5.5	1.0	6.3	3.4	4.1	1.9	.2	
17	7.1	3.4	1.9	1.5	.6	.3	1.2	3.3	0.0	.6	2.1	0.0	
18	4.1	2.8	2.5	1.6	1.4	1.9	.1	6.7	2.0	.1	3.9	0.0	
19	5.2	1.3	0.0	1.4	1.6	2.5	2.0	2.6	2.7	4.9	3.4	1.3	
20	2.4	6.1	.5	.2	4.9	.7	3.6	.8	3.4	2.4	5.5	1.3	
21	4.3	7.6	.4	1.4	.1	1.1	.7	4.5	6.2	.8	3.3	1.0	
22	2.3	.5	2.1	.5	1.5	1.0	3.6	7.4	8.8	1.3	3.9	6.1	
23	4.8	3.3	.9	4.7	.2	.4	4.0	.8	3.1	3.5	4.0	5.5	
24	4.2	4.6	1.9	1.2	4.9	2.7	2.9	1.4	1.1	3.9	2.6	3.0	
25	3.8	4.3	4.3	0.0	3.1	1.5	2.0	.2	1.7	1.3	5.9	4.3	
26	3.0	5.3	1.4	.4	0.0	2.4	6.4	.3	.7	2.4	3.4	6.7	
27	4.9	1.2	.5	.6	.2	1.7	2.8	.4	2.2	1.2	2.2	3.9	
28	2.3	0.0	.2	.7	0.0	2.3	1.0	3.2	2.1	4.6	5.4	5.9	
29	3.3		.1	1.1	.8	1.5	5.5	.4	3.8	.4	2.4	1.9	
30	1.9		3.0	1.1	.2	1.7	5.5	1.6	6.4	.7	4.4	1.3	
31	3.6		3.9		1.4		2.1	2.8		1.0		5.6	
Total	133.7	94.4	84.2	51.0	65.0	62.4	94.5	92.0	99.8	91.5	88.7	92.4	Anual 1049.6







ESTACIONES PLUVIOGRÁFICAS

Estación : LA MARGARITA
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 2 ' N
Longitud : 75 ° 37 ' W
Altitud : 1436 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	22.3	22.3
2	0.0	22.1	22.1
3	2.0	.8	2.8
4	0.0	.4	.4
5	0.0	0.0	0.0
6	0.0	6.7	6.7
7	1.0	11.8	12.8
8	0.0	19.0	19.0
9	0.0	.3	.3
10	0.0	0.0	0.0
11	0.0	.6	.6
12	0.0	1.1	1.1
13	0.0	4.7	4.7
14	.6	0.0	.6
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	.9	.9
21	8.3	0.0	8.3
22	.2	0.0	.2
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	0.0	0.0	0.0
30	0.0	0.0	0.0
31	0.0	0.0	0.0
	12.1	90.7	102.8

Febrero

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	5.0	5.0
0.0	3.0	3.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	1.4	1.4
0.0	5.6	5.6
0.0	0.0	0.0
0.0	13.2	13.2
0.0	1.3	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	1.8	1.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	12.2	12.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.7	0.0	.7
0.0	.2	.2
0.0	0.0	0.0
.7	43.7	44.4

Marzo

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	0.0	0.0
3.0	.3	3.3
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	1.5	1.5
0.0	0.0	0.0
0.0	0.0	0.0
16.6	12.6	29.2
0.0	0.0	0.0
0.0	25.4	25.4
0.0	2.3	2.3
.3	0.0	.3
0.0	21.4	21.4
0.0	0.0	0.0
0.0	14.6	14.6
5.9	0.0	5.9
0.0	10.5	10.5
8.8	0.0	8.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.8	.8
0.0	0.0	0.0
0.0	0.0	0.0
6.8	0.0	6.8
27.6	0.0	27.6
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
69.0	89.4	158.4

Abril

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	3.4	3.4
2	0.0	0.0	0.0
3	0.0	.3	.3
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	9.0	2.9	11.9
8	.5	19.4	19.9
9	0.0	5.2	5.2
10	0.0	.5	.5
11	0.0	.3	.3
12	0.0	9.7	9.7
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	0.0	3.0	3.0
16	0.0	0.0	0.0
17	0.0	7.3	7.3
18	6.4	0.0	6.4
19	2.5	20.2	22.7
20	6.4	43.8	50.2
21	1.3	0.0	1.3
22	0.0	55.3	55.3
23	12.2	9.7	21.9
24	1.1	57.5	58.6
25	8.4	.7	9.1
26	.8	9.8	10.6
27	5.9	0.0	5.9
28	0.0	2.2	2.2
29	0.0	0.0	0.0
30	3.5	0.0	3.5
31			
	58.0	251.2	309.2

Mayo

Precipitación (mm) Día	Noche	Total
0.0	1.6	1.6
0.0	19.3	19.3
0.0	8.0	8.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	38.0	38.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.2	.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	2.1	2.1
0.0	0.0	0.0
.2	.3	.5
0.0	37.8	37.8
.1	0.0	.1
10.5	5.7	16.2
0.0	16.8	16.8
2.8	0.0	2.8
0.0	1.7	1.7
0.0	10.1	10.1
54.8	1.9	56.7
0.0	0.0	0.0
.2	42.9	43.1
0.0	.3	.3
0.0	2.3	2.3
.3	0.0	.3
.5	0.0	.5
69.4	189.0	258.4

Junio

Precipitación (mm) Día	Noche	Total

Estación : LA MARGARITA
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 2 ' N
Longitud : 75 ° 37 ' W
Altitud : 1436 m

Julio

N°Día	Precipitación (mm) Día	Noche	Total
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			

Agosto

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	0.0	0.0
.7	0.0	.7
0.0	2.1	2.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.9	4.8	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
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	6.5	6.5
0.0	0.0	0.0
0.0	2.9	2.9
0.0	1.5	1.5
2.3	0.0	2.3
0.0	2.8	2.8
0.0	2.7	2.7
0.0	4.2	4.2
.3	0.0	.3
8.8	50.7	59.5
3.4	0.0	3.4
0.0	0.0	0.0
0.0	0.0	0.0
16.4	78.2	94.6

Septiembre

Precipitación (mm) Día	Noche	Total
.1	7.2	7.3
0.0	.7	.7
0.0	4.8	4.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	4.2	4.2
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	3.3	3.3
0.0	.2	.2
.5	3.4	3.9
0.0	0.0	0.0
0.0	.8	.8
0.0	0.0	0.0
0.0	0.0	0.0
4.0	0.0	4.0
0.0	.5	.5
0.0	52.4	52.4
1.2	11.4	12.6
0.0	33.3	33.3
.1	0.0	.1
0.0	0.0	0.0
0.0	0.0	0.0
6.0	122.2	128.2

Octubre

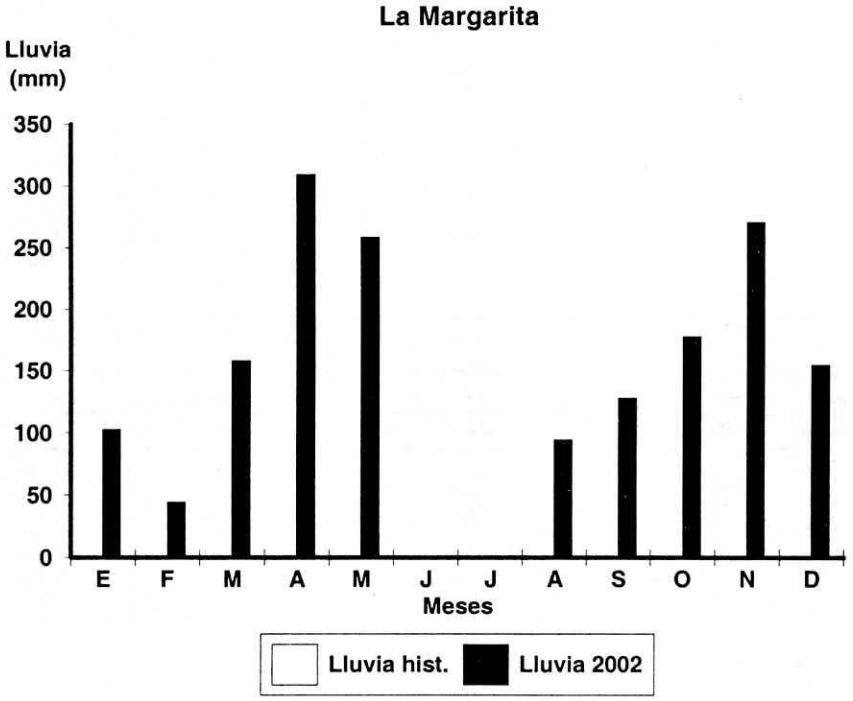
N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	.2	.2
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	1.6	1.6
7	0.0	1.0	1.0
8	0.0	0.0	0.0
9	0.0	.2	.2
10	0.0	7.3	7.3
11	2.1	0.0	2.1
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	1.5	4.7	6.2
16	.4	31.1	31.5
17	0.0	9.3	9.3
18	0.0	0.0	0.0
19	0.0	0.0	0.0
20	.3	.5	.8
21	1.9	0.0	1.9
22	1.1	.1	1.2
23	0.0	10.3	10.3
24	3.9	6.8	10.7
25	0.0	1.1	1.1
26	2.1	11.6	13.7
27	.2	0.0	.2
28	15.9	3.5	19.4
29	17.1	34.7	51.8
30	.4	0.0	.4
31	0.0	7.1	7.1
	46.9	131.1	178.0

Noviembre

Precipitación (mm) Día	Noche	Total
12.9	1.5	14.4
2.3	59.0	61.3
1.4	0.0	1.4
0.0	23.0	23.0
.3	53.2	53.5
.4	.2	.6
0.0	52.7	52.7
.2	0.0	.2
0.0	1.7	1.7
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
13.6	19.0	32.6
0.0	7.1	7.1
0.0	13.2	13.2
0.0	.4	.4
.1	.6	.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
0.0	0.0	0.0
0.0	6.5	6.5
0.0	0.0	0.0
.9	0.0	.9
0.0	.1	.1
32.1	238.2	270.3

Diciembre

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
.1	0.0	.1
0.0	0.0	0.0
12.9	1.4	14.3
15.0	0.0	15.0
0.0	0.0	0.0
0.0	13.1	13.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	1.4	1.4
4.9	16.7	21.6
23.9	3.7	27.6
15.3	4.9	20.2
12.9	7.7	20.6
0.0	0.0	0.0
0.0	0.0	0.0
15.3	0.0	15.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	5.1	5.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.6	.6
100.3	54.6	154.9


La Margarita
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 2002

Estación : SANTA ANA
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 1 ' N
Longitud : 75 ° 40 ' W
Altitud : 1250 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	7.4	7.4
2	0.0	30.0	30.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	2.0	2.0
7	27.0	11.0	38.0
8	8.9	1.0	9.9
9	2.6	.2	2.8
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	3.4	3.4
13	0.0	1.5	1.5
14	0.0	0.0	0.0
15	0.0	.5	.5
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	.5	0.0	.5
22	0.0	0.0	0.0
23	0.0	.4	.4
24	0.0	20.4	20.4
25	0.0	0.0	0.0
26	0.0	10.6	10.6
27	0.0	0.0	0.0
28	0.0	0.0	0.0
29	0.0	1.0	1.0
30	0.0	0.0	0.0
31	0.0	0.0	0.0
	39.0	89.4	128.4

Febrero

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	35.0	35.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	7.2	7.2
0.0	.4	.4
0.0	0.0	0.0
0.0	.2	.2
0.0	1.5	1.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.4	.4
0.0	2.4	2.4
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	.5	.5
0.0	0.0	0.0
0.0	48.7	48.7

Marzo

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	16.1	16.1
0.0	0.0	0.0
0.0	28.6	28.6
0.0	18.8	18.8
0.0	0.0	0.0
0.0	15.8	15.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	13.5	13.5
0.0	14.3	14.3
5.7	0.0	5.7
0.0	0.0	0.0
.2	0.0	.2
0.0	9.1	9.1
0.0	0.0	0.0
18.2	0.0	18.2
0.0	0.0	0.0
13.1	0.0	13.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.2	.2
37.2	116.4	153.6

Abril

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	0.0	0.0	0.0
3	.5	0.0	.5
4	0.0	5.3	5.3
5	0.0	1.2	1.2
6	0.0	3.1	3.1
7	18.3	2.0	20.3
8	2.3	14.6	16.9
9	0.0	.4	.4
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	9.9	9.9
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	0.0	1.0	1.0
16	0.0	0.0	0.0
17	0.0	0.0	0.0
18	11.4	0.0	11.4
19	0.0	14.4	14.4
20	0.0	4.2	4.2
21	0.0	0.0	0.0
22	26.4	61.7	88.1
23	7.8	5.7	13.5
24	10.7	53.6	64.3
25	5.9	.6	6.5
26	.4	3.5	3.9
27	4.5	0.0	4.5
28	0.0	3.4	3.4
29	.3	10.6	10.9
30	5.2	0.0	5.2
31			
	93.7	195.2	288.9

Mayo

Precipitación (mm) Día	Noche	Total
1.5	.4	1.9
0.0	0.0	0.0
0.0	6.7	6.7
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	3.4	3.4
0.0	0.0	0.0
0.0	1.0	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	.1	.1
0.0	1.6	1.6
0.0	.6	.6
2.9	4.2	7.1
0.0	16.5	16.5
0.0	20.0	20.0
1.5	20.3	21.8
0.0	2.2	2.2
0.0	0.0	0.0
3.9	19.4	23.3
0.0	1.6	1.6
59.7	1.1	60.8
0.0	0.0	0.0
0.0	22.8	22.8
0.0	.2	.2
0.0	.8	.8
0.0	1.2	1.2
0.0	0.0	0.0
69.5	124.1	193.6

Junio

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	16.6	16.6
0.0	13.6	13.6
19.4	31.7	51.1
.6	15.2	15.8
4.9	2.8	7.7
4.1	0.0	4.1
1.9	8.1	10.0
0.0	0.0	0.0
.1	4.8	4.9
.4	.3	.7
0.0	3.7	3.7
0.0	0.0	0.0
0.0	0.0	0.0
.3	0.0	.3
0.0	0.0	0.0
0.0	3.7	3.7
0.0	0.0	0.0
0.0	1.2	1.2
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	16.8	16.8
0.0	46.0	46.0
0.0	0.0	0.0
0.0	0.0	0.0
31.7	164.5	196.2

Estación : SANTA ANA
Año : 2002

Dpto. : CALDAS
Mpio. : PALESTINA

Latitud : 5 ° 1 ' N
Longitud : 75 ° 40 ' W
Altitud : 1250 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	4.8	4.8
4	0.0	.5	.5
5	1.7	6.8	8.5
6	.8	0.0	.8
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	5.2	5.2
10	0.0	0.0	0.0
11	0.0	27.3	27.3
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	.3	.3
15	0.0	0.0	0.0
16	1.9	6.9	8.8
17	0.0	20.7	20.7
18	0.0	0.0	0.0
19	.2	5.6	5.8
20	0.0	6.4	6.4
21	0.0	0.0	0.0
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	0.0	2.4	2.4
25	.5	0.0	.5
26	0.0	0.0	0.0
27	0.0	0.0	0.0
28	0.0	0.0	0.0
29	0.0	0.0	0.0
30	8.0	0.0	8.0
31	0.0	0.0	0.0
	13.1	86.9	100.0

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	.3	.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	1.7	1.7
.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	0.0	0.0
.1	8.1	8.2
2.3	.1	2.4
0.0	1.3	1.3
0.0	0.0	0.0
.4	0.0	.4
0.0	20.0	20.0
0.0	0.0	0.0
0.0	1.3	1.3
2.1	0.0	2.1
0.0	61.8	61.8
5.2	0.0	5.2
0.0	0.0	0.0
0.0	6.1	6.1
10.7	100.7	111.4

Septiembre

Precipitación (mm) Día	Noche	Total
0.0	5.4	5.4
0.0	.3	.3
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	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
9.2	1.0	10.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
9.6	4.5	14.1
0.0	7.5	7.5
0.0	0.0	0.0
0.0	.2	.2
.2	1.2	1.4
0.0	0.0	0.0
0.0	1.9	1.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	19.0	19.0
0.0	3.5	3.5
0.0	43.0	43.0
1.7	18.5	20.2
0.0	25.4	25.4
0.0	0.0	0.0
.2	.6	.8
0.0	1.3	1.3
20.9	137.1	158.0

Octubre

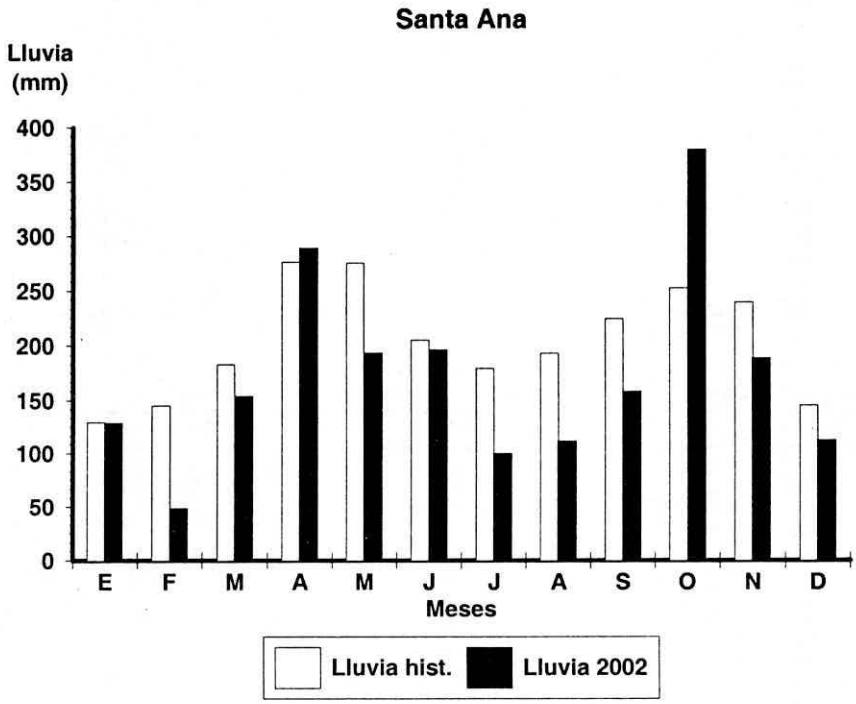
N°Día	Precipitación (mm) Día	Noche	Total
1	.7	.7	1.4
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	2.1	3.6	5.7
8	.4	0.0	.4
9	0.0	0.0	0.0
10	0.0	9.3	9.3
11	1.0	0.0	1.0
12	.1	0.0	.1
13	0.0	0.0	0.0
14	.3	0.0	.3
15	0.0	4.1	4.1
16	0.0	22.1	22.1
17	0.0	74.3	74.3
18	.6	0.0	.6
19	0.0	0.0	0.0
20	1.3	.4	1.7
21	0.0	21.3	21.3
22	0.0	0.0	0.0
23	.1	14.4	14.5
24	3.5	0.0	3.5
25	0.0	29.6	29.6
26	.2	52.6	52.8
27	0.0	0.0	0.0
28	18.5	18.3	36.8
29	21.8	75.9	97.7
30	.2	0.0	.2
31	0.0	2.2	2.2
	50.8	328.8	379.6

Noviembre

Precipitación (mm) Día	Noche	Total
.5	.3	.8
0.0	22.4	22.4
1.2	0.0	1.2
0.0	18.0	18.0
0.0	39.7	39.7
0.0	1.1	1.1
0.0	28.5	28.5
0.0	0.0	0.0
0.0	.3	.3
0.0	0.0	0.0
0.0	.3	.3
0.0	0.0	0.0
0.0	15.9	15.9
0.0	17.7	17.7
0.0	0.0	0.0
0.0	27.0	27.0
0.0	2.0	2.0
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
0.0	1.3	1.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	9.0	9.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	2.4	2.4
1.7	186.5	188.2

Diciembre

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	18.2	18.2
0.0	0.0	0.0
0.0	0.0	0.0
6.3	0.0	6.3
0.0	0.0	0.0
0.0	9.3	9.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.3	.3
9.2	13.3	22.5
23.1	3.4	26.5
0.0	1.7	1.7
4.8	7.5	12.3
0.0	0.0	0.0
0.0	0.0	0.0
12.7	1.5	14.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.5	.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	.4	.4
56.1	56.1	112.2


Santa Ana
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E
F
M
A
M
J
J
A
S
O
N
D
Meses
Lluvia hist.
Lluvia 2002

Estación : LA ROMELIA
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 58 ' N
Longitud : 75 ° 40 ' W
Altitud : 1400 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	0.0	1.9	1.9
3	1.2	0.0	1.2
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	9.7	9.7
7	29.8	2.7	32.5
8	0.0	18.0	18.0
9	0.0	0.0	0.0
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	11.0	11.0
13	.6	1.6	2.2
14	2.0	0.0	2.0
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	1.8	0.0	1.8
22	0.0	0.0	0.0
23	0.0	1.3	1.3
24	0.0	17.0	17.0
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	0.0	3.5	3.5
30	.2	0.0	.2
31	0.0	0.0	0.0
	35.6	66.7	102.3

Febrero

Precipitación (mm) Día	Noche	Total
0.0	.3	.3
0.0	29.0	29.0
0.0	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
.2	1.4	1.6
0.0	0.0	0.0
0.0	1.0	1.0
.1	2.7	2.8
.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
0.0	26.3	26.3
3.9	0.0	3.9
0.0	.1	.1
0.0	0.0	0.0
0.0	1.0	1.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	18.1	18.1
0.0	0.0	0.0
4.7	80.4	85.1

Marzo

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	0.0	0.0
0.0	6.9	6.9
0.0	0.0	0.0
0.0	0.0	0.0
.7	0.0	.7
0.0	.1	.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	21.5	21.5
0.0	0.0	0.0
0.0	47.0	47.0
.3	3.5	3.8
.2	0.0	.2
.2	22.3	22.5
0.0	0.0	0.0
0.0	3.7	3.7
.4	0.0	.4
4.6	9.1	13.7
.7	0.0	.7
0.0	0.0	0.0
.1	0.0	.1
0.0	5.4	5.4
0.0	0.0	0.0
0.0	0.0	0.0
.6	0.0	.6
0.0	.1	.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	2.0	2.0
7.8	121.6	129.4

Abril

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	13.4	13.4
2	1.0	0.0	1.0
3	.3	0.0	.3
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	1.2	0.0	1.2
7	6.9	5.9	12.8
8	2.0	33.0	35.0
9	0.0	13.0	13.0
10	0.0	0.0	0.0
11	0.0	4.9	4.9
12	0.0	4.9	4.9
13	0.0	0.0	0.0
14	.1	0.0	.1
15	.9	1.0	1.9
16	0.0	.2	.2
17	0.0	0.0	0.0
18	6.9	0.0	6.9
19	0.0	7.7	7.7
20	0.0	7.4	7.4
21	0.0	0.0	0.0
22	.1	10.0	10.1
23	5.0	3.7	8.7
24	2.7	31.3	34.0
25	4.8	.8	5.6
26	.9	1.4	2.3
27	3.2	0.0	3.2
28	0.0	12.0	12.0
29	1.2	.5	1.7
30	9.2	0.0	9.2
31			
	46.4	151.1	197.5

Mayo

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	14.5	14.5
0.0	0.0	0.0
0.0	.9	.9
0.0	6.1	6.1
0.0	0.0	0.0
0.0	.3	.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	3.6	3.6
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.3	.8	2.1
0.0	11.2	11.2
7.0	6.6	13.6
0.0	30.2	30.2
0.0	14.4	14.4
0.0	7.5	7.5
0.0	.9	.9
0.0	0.0	0.0
0.0	82.2	82.2
0.0	4.5	4.5
51.4	3.1	54.5
0.0	0.0	0.0
0.0	27.0	27.0
0.0	.1	.1
0.0	.5	.5
.3	1.3	1.6
.3	0.0	.3
60.3	215.7	276.0

Junio

Precipitación (mm) Día	Noche	Total
.2	4.4	4.6
13.6	0.0	13.6
.9	0.0	.9
4.1	1.0	5.1
23.1	26.3	49.4
1.2	13.1	14.3
1.8	0.0	1.8
.2	8.1	8.3
0.0	0.0	0.0
.6	8.8	9.4
.2	0.0	.2
0.0	.2	.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	1.1	1.4
0.0	0.0	0.0
0.0	.3	.3
0.0	0.0	0.0
0.0	.6	.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	5.5	5.5
2.1	35.4	37.5
0.0	0.0	0.0
0.0	0.0	0.0
48.3	104.8	153.1

Estación : LA ROMELIA
Año : 2002

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	8.4	8.4
4	0.0	22.0	22.0
5	13.8	8.6	22.4
6	.6	0.0	.6
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	20.3	20.3
10	7.0	0.0	7.0
11	0.0	21.0	21.0
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	.4	5.2	5.6
16	0.0	19.9	19.9
17	.1	14.8	14.9
18	1.1	0.0	1.1
19	.2	15.5	15.7
20	0.0	5.6	5.6
21	0.0	2.6	2.6
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	0.0	.2	.2
25	1.2	0.0	1.2
26	0.0	0.0	0.0
27	0.0	0.0	0.0
28	0.0	0.0	0.0
29	0.0	0.0	0.0
30	0.0	24.0	24.0
31	0.0	0.0	0.0
	24.4	168.1	192.5

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	.2	.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.2	2.3	2.5
1.9	0.0	1.9
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
0.0	0.0	0.0
0.0	14.7	14.7
.7	.2	.9
0.0	5.4	5.4
0.0	.3	.3
1.3	0.0	1.3
0.0	29.9	29.9
0.0	7.7	7.7
1.2	3.3	4.5
1.7	0.0	1.7
7.0	20.0	27.0
3.8	0.0	3.8
0.0	0.0	0.0
0.0	6.3	6.3
17.8	90.3	108.1

Septiembre

Precipitación (mm) Día	Noche	Total
5.1	3.1	8.2
.1	0.0	.1
0.0	3.9	3.9
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	.7	.7
.5	0.0	.5
0.0	0.0	0.0
0.0	8.2	8.2
2.2	0.0	2.2
0.0	16.6	16.6
0.0	0.0	0.0
0.0	0.0	0.0
3.7	.9	4.6
0.0	0.0	0.0
0.0	18.7	18.7
0.0	0.0	0.0
0.0	0.0	0.0
2.7	2.1	4.8
0.0	1.6	1.6
0.0	30.0	30.0
1.4	26.1	27.5
0.0	10.2	10.2
.1	0.0	.1
.2	.9	1.1
0.0	6.8	6.8
16.0	130.2	146.2

Octubre

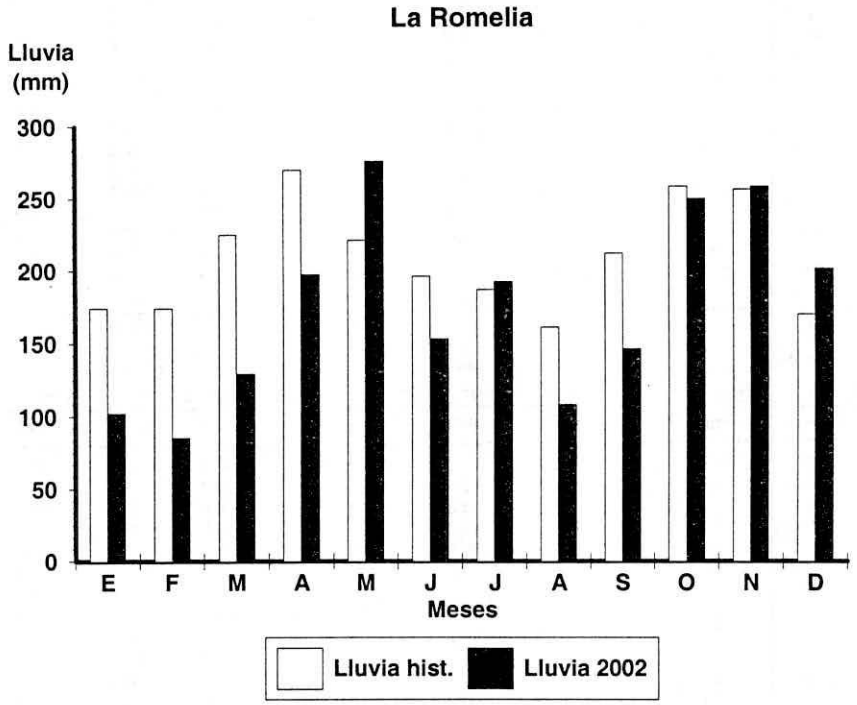
N°Día	Precipitación (mm) Día	Noche	Total
1	2.6	13.1	15.7
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	6.0	6.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	14.3	0.0	14.3
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	0.0	6.6	6.6
11	3.6	0.0	3.6
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	.4	0.0	.4
15	.6	7.2	7.8
16	.2	30.0	30.2
17	0.0	26.6	26.6
18	.1	0.0	.1
19	0.0	0.0	0.0
20	.1	.6	.7
21	.9	1.7	2.6
22	0.0	0.0	0.0
23	0.0	17.0	17.0
24	6.8	1.0	7.8
25	0.0	10.7	10.7
26	3.9	35.4	39.3
27	0.0	0.0	0.0
28	4.2	1.7	5.9
29	1.2	51.1	52.3
30	.1	0.0	.1
31	0.0	2.1	2.1
	39.0	210.8	249.8

Noviembre

Precipitación (mm) Día	Noche	Total
3.1	.9	4.0
0.0	33.0	33.0
1.5	0.0	1.5
0.0	11.4	11.4
5.8	56.6	62.4
0.0	.5	.5
.1	17.8	17.9
0.0	0.0	0.0
0.0	.2	.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.1	36.8	36.9
0.0	15.5	15.5
0.0	0.0	0.0
0.0	60.0	60.0
0.0	1.1	1.1
0.0	0.0	0.0
.1	0.0	.1
0.0	0.0	0.0
0.0	3.0	3.0
0.0	0.0	0.0
0.0	.5	.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	1.3	1.3
0.0	2.2	2.2
1.2	0.0	1.2
0.0	5.3	5.3
11.9	246.1	258.0

Diciembre

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	.4	.4
0.0	0.0	0.0
0.0	0.0	0.0
0.0	2.0	2.0
0.0	0.0	0.0
13.0	0.0	13.0
13.0	0.0	13.0
0.0	0.0	0.0
0.0	41.4	41.4
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
45.4	27.3	72.7
20.8	3.1	23.9
0.0	1.4	1.4
4.0	16.0	20.0
0.0	0.0	0.0
0.0	0.0	0.0
13.0	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	0.0
0.0	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
109.2	91.9	201.1


La Romelia
Lluvia
(mm)
300
250
200
150
100
50
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Meses
Lluvia hist.
Lluvia 2002

Estación : PLANTA DE TRATAMIENTO
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 48 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total
1	.8	0.0	.8
2	1.4	.3	1.7
3	.2	0.0	.2
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	1.1	1.1
7	2.6	10.7	13.3
8	1.4	.8	2.2
9	2.9	2.8	5.7
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	2.7	2.7
13	19.0	1.7	20.7
14	0.0	0.0	0.0
15	5.6	0.0	5.6
16	.5	0.0	.5
17	0.0	0.0	0.0
18	0.0	0.0	0.0
19	0.0	0.0	0.0
20	.6	0.0	.6
21	5.3	0.0	5.3
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	4.2	0.0	4.2
27	0.0	0.0	0.0
28	0.0	0.0	0.0
29	19.1	0.0	19.1
30	.5	0.0	.5
31	0.0	10.4	10.4
	64.1	30.5	94.6

Febrero

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	0.0	0.0
.5	0.0	.5
.2	0.0	.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
4.3	.1	4.4
0.0	0.0	0.0
0.0	0.0	0.0
4.1	0.0	4.1
5.2	0.0	5.2
0.0	0.0	0.0
17.0	0.0	17.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	14.9	14.9
6.1	0.0	6.1
0.0	.2	.2
2.2	0.0	2.2
.9	2.5	3.4
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
8.4	0.0	8.4
0.0	1.0	1.0
0.0	0.0	0.0
48.9	18.7	67.6

Marzo

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
.1	0.0	.1
0.0	0.0	0.0
5.8	0.0	5.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
2.5	0.0	2.5
.1	0.0	.1
2.5	2.8	5.3
.2	0.0	.2
0.0	30.9	30.9
12.0	0.0	12.0
1.0	0.0	1.0
0.0	8.8	8.8
0.0	0.0	0.0
0.0	21.1	21.1
.5	0.0	.5
0.0	37.7	37.7
4.1	0.0	4.1
0.0	0.0	0.0
7.2	0.0	7.2
0.0	13.7	13.7
0.0	0.0	0.0
37.4	0.0	37.4
0.0	0.0	0.0
13.3	0.0	13.3
2.3	0.0	2.3
0.0	0.0	0.0
3.3	0.0	3.3
92.3	115.0	207.3

Abril

N°Día	Precipitación (mm) Día	Noche	Total
1	3.1	.2	3.3
2	2.8	0.0	2.8
3	0.0	11.2	11.2
4	0.0	0.0	0.0
5	2.5	0.0	2.5
6	0.0	0.0	0.0
7	2.6	4.0	6.6
8	28.1	15.3	43.4
9	0.0	18.7	18.7
10	0.0	0.0	0.0
11	0.0	.6	.6
12	0.0	1.9	1.9
13	0.0	0.0	0.0
14	1.0	0.0	1.0
15	.2	1.0	1.2
16	.6	20.3	20.9
17	0.0	0.0	0.0
18	5.9	0.0	5.9
19	0.0	25.3	25.3
20	4.1	9.6	13.7
21	3.5	0.0	3.5
22	0.0	3.9	3.9
23	0.0	19.9	19.9
24	0.0	39.5	39.5
25	.6	2.2	2.8
26	1.9	35.5	37.4
27	2.6	.1	2.7
28	0.0	24.4	24.4
29	3.0	.4	3.4
30	1.3	0.0	1.3
31			
	63.8	234.0	297.8

Mayo

Precipitación (mm) Día	Noche	Total
1.2	0.0	1.2
2.8	.2	3.0
10.6	0.0	10.6
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.9	0.0	.9
8.4	0.0	8.4
.1	0.0	.1
11.0	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	0.0
.3	.1	.4
0.0	16.1	16.1
29.2	1.8	31.0
.2	93.6	93.8
0.0	0.0	0.0
11.0	12.0	23.0
.6	1.5	2.1
11.8	0.0	11.8
0.0	44.8	44.8
0.0	1.9	1.9
17.2	1.5	18.7
0.0	0.0	0.0
0.0	23.7	23.7
0.0	0.0	0.0
.3	0.0	.3
0.0	3.7	3.7
.3	0.0	.3
105.9	200.9	306.8

Junio

Precipitación (mm) Día	Noche	Total
6.9	7.4	14.3
4.8	3.4	8.2
5.7	0.0	5.7
.8	0.0	.8
1.2	27.3	28.5
.4	12.6	13.0
0.0	0.0	0.0
2.5	7.3	9.8
2.6	0.0	2.6
.3	0.0	.3
2.0	.8	2.8
0.0	.9	.9
.4	0.0	.4
.8	0.0	.8
1.5	0.0	1.5
13.8	0.0	13.8
3.6	.1	3.7
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
0.0	0.0	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
1.1	.7	1.8
16.2	0.0	16.2
0.0	0.0	0.0
68.6	60.5	129.1

Estación : PLANTA DE TRATAMIENTO
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 48 ' N
Longitud : 75 ° 40 ' W
Altitud : 1450 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	25.1	25.1
4	11.0	42.8	53.8
5	32.8	5.6	38.4
6	.5	0.0	.5
7	.5	0.0	.5
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	30.9	0.0	30.9
11	.7	1.0	1.7
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	1.3	1.3
15	.5	0.0	.5
16	0.0	0.0	0.0
17	8.3	1.2	9.5
18	2.1	2.6	4.7
19	6.6	0.0	6.6
20	0.0	.2	.2
21	0.0	0.0	0.0
22	0.0	0.0	0.0
23	13.8	0.0	13.8
24	0.0	.6	.6
25	1.0	0.0	1.0
26	0.0	0.0	0.0
27	0.0	0.0	0.0
28	0.0	0.0	0.0
29	0.0	0.0	0.0
30	0.0	14.9	14.9
31	6.3	0.0	6.3
	115.0	95.3	210.3

Agosto

Precipitación (mm) Día	Noche	Total
.3	0.0	.3
0.0	0.0	0.0
1.7	0.0	1.7
0.0	3.4	3.4
0.0	0.0	0.0
0.0	0.0	0.0
0.0	8.6	8.6
3.8	0.0	3.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.2	.2
0.0	.1	.1
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	0.0	0.0
0.0	0.0	0.0
0.0	5.1	5.1
38.4	27.8	66.2
9.0	0.0	9.0
0.0	26.7	26.7
9.8	0.0	9.8
.8	.3	1.1
0.0	0.0	0.0
64.2	72.2	136.4

Septiembre

Precipitación (mm) Día	Noche	Total
2.7	2.4	5.1
0.0	0.0	0.0
0.0	3.5	3.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.2	0.0	.2
2.5	0.0	2.5
0.0	0.0	0.0
0.0	5.7	5.7
.5	0.0	.5
5.7	2.6	8.3
0.0	5.9	5.9
11.0	0.0	11.0
1.9	0.0	1.9
10.2	0.0	10.2
0.0	0.0	0.0
.1	0.0	.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
10.4	0.0	10.4
0.0	33.0	33.0
0.0	1.5	1.5
40.7	21.9	62.6
2.0	.8	2.8
2.2	8.3	10.5
.3	0.0	.3
.2	0.0	.2
0.0	0.0	0.0
90.6	85.6	176.2

Octubre

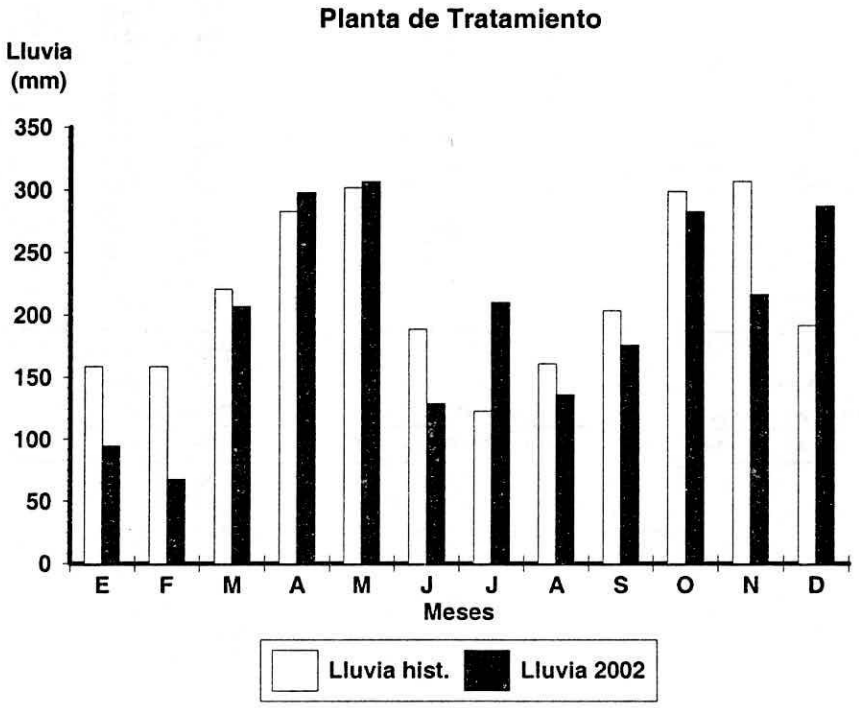
N°Día	Precipitación (mm) Día	Noche	Total
1	2.2	0.0	2.2
2	.3	0.0	.3
3	.4	0.0	.4
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	.5	.5
7	0.0	5.7	5.7
8	9.4	1.5	10.9
9	0.0	.2	.2
10	.7	11.0	11.7
11	1.4	0.0	1.4
12	16.5	0.0	16.5
13	0.0	0.0	0.0
14	0.0	.2	.2
15	10.5	0.0	10.5
16	0.0	3.3	3.3
17	7.0	5.6	12.6
18	.8	0.0	.8
19	0.0	0.0	0.0
20	32.2	1.9	34.1
21	0.0	1.0	1.0
22	13.0	0.0	13.0
23	44.0	0.0	44.0
24	4.8	1.3	6.1
25	.9	7.8	8.7
26	45.0	0.0	45.0
27	1.9	0.0	1.9
28	4.8	5.1	9.9
29	2.0	40.0	42.0
30	.3	0.0	.3
31	0.0	0.0	0.0
	198.1	85.1	283.2

Noviembre

Precipitación (mm) Día	Noche	Total
21.0	0.0	21.0
3.0	17.0	20.0
22.0	0.0	22.0
.3	4.9	5.2
0.0	33.0	33.0
0.0	5.7	5.7
4.4	5.4	9.8
.4	0.0	.4
1.1	0.0	1.1
3.4	0.0	3.4
0.0	.1	.1
0.0	0.0	0.0
0.0	42.0	42.0
0.0	15.0	15.0
0.0	0.0	0.0
2.5	.2	2.7
.5	.3	.8
1.6	0.0	1.6
0.0	0.0	0.0
10.0	0.0	10.0
6.0	0.0	6.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.8	0.0	.8
8.0	0.0	8.0
3.4	0.0	3.4
4.8	0.0	4.8
93.2	123.6	216.8

Diciembre

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
.4	0.0	.4
0.0	0.0	0.0
.6	17.5	18.1
0.0	29.0	29.0
0.0	0.0	0.0
0.0	9.1	9.1
8.8	.6	9.4
0.0	0.0	0.0
.5	3.2	3.7
.9	0.0	.9
0.0	0.0	0.0
0.0	0.0	0.0
4.5	27.3	31.8
19.1	.3	19.4
20.3	1.5	21.8
28.2	7.3	35.5
.2	0.0	.2
0.0	0.0	0.0
1.7	.2	1.9
0.0	34.1	34.1
3.6	0.0	3.6
1.9	0.0	1.9
0.0	0.0	0.0
37.9	0.0	37.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
28.8	0.0	28.8
0.0	0.0	0.0
0.0	0.0	0.0
157.4	130.1	287.5


Planta de Tratamiento
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 2002

Estación : SANTIAGO GUTIERREZ
Año : 2002

Dpto. : VALLE
Mpio. : ARGELIA

Latitud : 4 ° 43 ' N
Longitud : 76 ° 7 ' W
Altitud : 1550 m

Enero

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	2.2	.1	2.3
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	0.0	.7	.7
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	5.6	.4	6.0
11	0.0	0.0	0.0
12	0.0	0.0	0.0
13	3.9	.4	4.3
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	0.0	0.0
28	0.0	0.0	0.0
29	0.0	3.4	3.4
30	1.6	0.0	1.6
31	0.0	0.0	0.0
	13.3	5.0	18.3

Febrero

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	.1	.1
0.0	0.0	0.0
.9	0.0	.9
0.0	1.5	1.5
0.0	0.0	0.0
.1	0.0	.1
0.0	12.9	12.9
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
0.0	0.0	0.0
0.0	.2	.2
0.0	4.8	4.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
6.9	0.0	6.9
.9	0.0	.9
0.0	0.0	0.0
8.8	19.5	28.3

Marzo

Precipitación (mm) Día	Noche	Total
.3	0.0	.3
0.0	20.9	20.9
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
6.5	9.0	15.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.2	.2
.9	.2	1.1
6.3	0.0	6.3
3.9	0.0	3.9
3.7	0.0	3.7
0.0	0.0	0.0
0.0	0.0	0.0
9.9	0.0	9.9
2.5	0.0	2.5
0.0	.1	.1
9.9	0.0	9.9
0.0	0.0	0.0
0.0	0.0	0.0
.1	27.8	27.9
0.0	0.0	0.0
.4	.2	.6
0.0	0.0	0.0
1.4	.2	1.6
.1	0.0	.1
0.0	0.0	0.0
45.9	58.6	104.5

Abril

N°Día	Precipitación (mm) Día	Noche	Total
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			

Mayo

Precipitación (mm) Día	Noche	Total

Junio

Precipitación (mm) Día	Noche	Total

Estación : SANTIAGO GUTIERREZ
Año : 2002

Dpto. : VALLE
Mpio. : ARGELIA

Latitud : 4 ° 43 ' N
Longitud : 76 ° 7 ' W
Altitud : 1550 m

Julio

N°Día	Precipitación (mm) Día	Noche	Total
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			

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
0.0	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	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	7.9	7.9
.1	1.7	1.8
13.6	0.0	13.6
13.1	5.9	19.0
0.0	3.2	3.2
0.0	0.0	0.0
0.0	0.0	0.0
26.8	18.8	45.6

Septiembre

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	0.0	0.0
.5	.2	.7
0.0	.3	.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
.6	0.0	.6
0.0	.8	.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	1.3	1.3
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.5	.5
.8	0.0	.8
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	1.1	1.1
3.9	6.9	10.8
0.0	0.0	0.0
0.0	11.0	11.0
15.6	0.0	15.6
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
21.4	22.1	43.5

Octubre

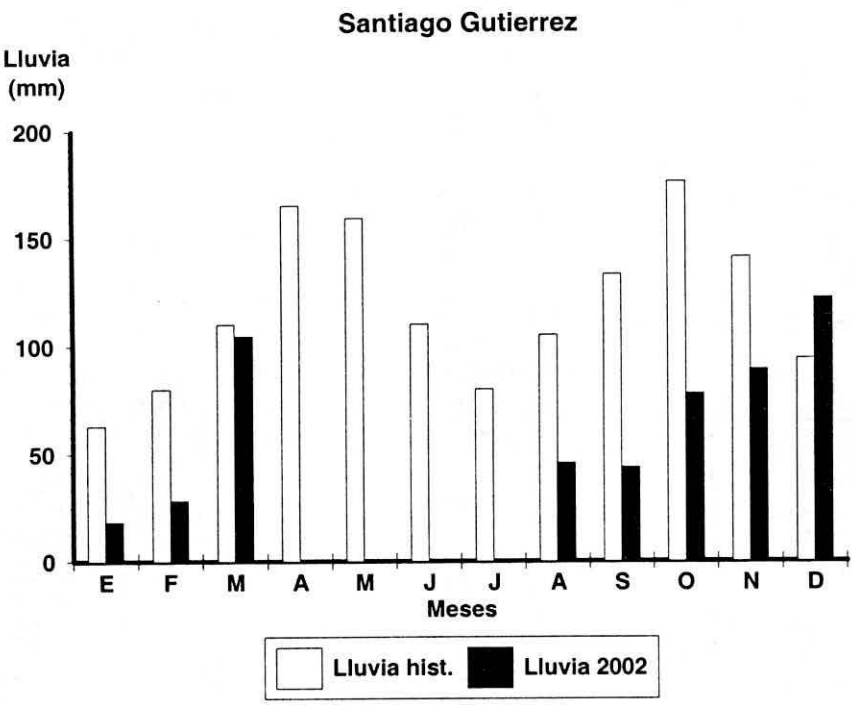
N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	1.3	0.0	1.3
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	1.1	0.0	1.1
8	0.0	0.0	0.0
9	8.4	0.0	8.4
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	.2	.5	.7
16	0.0	0.0	0.0
17	8.3	0.0	8.3
18	7.0	0.0	7.0
19	2.3	1.2	3.5
20	6.8	0.0	6.8
21	0.0	0.0	0.0
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	3.3	0.0	3.3
25	0.0	4.6	4.6
26	.1	7.3	7.4
27	.5	0.0	.5
28	.5	7.7	8.2
29	0.0	0.0	0.0
30	0.0	.3	.3
31	8.5	7.9	16.4
	48.3	29.5	77.8

Noviembre

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
3.0	3.3	6.3
12.0	0.0	12.0
0.0	13.0	13.0
0.0	2.2	2.2
0.0	3.7	3.7
.1	12.4	12.5
5.7	2.5	8.2
0.0	1.5	1.5
0.0	3.2	3.2
0.0	2.1	2.1
.4	2.7	3.1
2.9	2.3	5.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	.2	.2
0.0	0.0	0.0
9.5	4.6	14.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.4	0.0	.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
.3	.5	.8
.5	0.0	.5
34.8	54.2	89.0

Diciembre

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	3.0	3.0
7.4	0.0	7.4
2.1	1.4	3.5
8.2	0.0	8.2
4.1	0.0	4.1
0.0	.3	.3
0.0	.2	.2
0.0	0.0	0.0
0.0	4.7	4.7
0.0	0.0	0.0
16.7	2.4	19.1
12.0	0.0	12.0
0.0	.8	.8
2.7	0.0	2.7
0.0	0.0	0.0
0.0	23.9	23.9
0.0	0.0	0.0
0.0	0.0	0.0
3.8	.4	4.2
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
1.1	16.0	17.1
10.6	0.0	10.6
0.0	0.0	0.0
0.0	0.0	
68.7	53.1	121.8


Santiago Gutierrez
Lluvia
(mm)
200
150
100
50
0
E
F
M
A
M
J
J
A
S
O
N
D
Meses
Lluvia hist.
Lluvia 2002

Estación : EL RECREO
Año : 2002

Dpto. : VALLE
Mpio. : ULLOA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 44 ' W
Altitud : 1410 m

Enero

N°Día	Precipitación (mm) Día	Noche	Total
1	.8	0.0	.8
2	1.0	.1	1.1
3	.1	0.0	.1
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	30.2	30.2
7	0.0	8.1	8.1
8	0.0	0.0	0.0
9	9.6	0.0	9.6
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	.2	.2
13	11.0	.1	11.1
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	2.1	0.0	2.1
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	.6	0.0	.6
30	0.0	0.0	0.0
31	0.0	.9	.9
	25.2	39.6	64.8

Febrero

Precipitación (mm) Día	Noche	Total
3.9	0.0	3.9
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	.4	.4
0.0	0.0	0.0
0.0	0.0	0.0
5.6	0.0	5.6
0.0	0.0	0.0
8.4	0.0	8.4
0.0	0.0	0.0
.4	0.0	.4
12.0	.1	12.1
0.0	0.0	0.0
.3	0.0	.3
0.0	0.0	0.0
0.0	0.0	0.0
.6	0.0	.6
.1	0.0	.1
.4	0.0	.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
.6	.2	.8
0.0	0.0	0.0
32.8	.7	33.5

Marzo

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
.9	0.0	.9
0.0	0.0	0.0
.1	0.0	.1
.4	0.0	.4
0.0	0.0	0.0
4.0	2.5	6.5
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
0.0	1.5	1.5
2.3	0.0	2.3
.6	8.2	8.8
.3	1.2	1.5
24.0	0.0	24.0
0.0	8.9	8.9
0.0	0.0	0.0
0.0	3.5	3.5
.5	0.0	.5
.3	36.5	36.8
1.8	0.0	1.8
.3	0.0	.3
1.0	0.0	1.0
.6	5.0	5.6
0.0	0.0	0.0
1.9	0.0	1.9
1.3	0.0	1.3
6.3	0.0	6.3
0.0	0.0	0.0
0.0	0.0	0.0
1.7	0.0	1.7
48.3	67.3	115.6

Abril

N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	.1	.1
2	2.0	0.0	2.0
3	0.0	.9	.9
4	0.0	0.0	0.0
5	10.0	0.0	10.0
6	0.0	8.3	8.3
7	3.0	2.9	5.9
8	15.2	30.2	45.4
9	0.0	.6	.6
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	.3	0.0	.3
15	0.0	.3	.3
16	0.0	.4	.4
17	0.0	2.8	2.8
18	46.0	0.0	46.0
19	0.0	8.5	8.5
20	.2	26.6	26.8
21	0.0	0.0	0.0
22	0.0	17.8	17.8
23	.1	9.2	9.3
24	.6	54.1	54.7
25	1.3	8.5	9.8
26	1.0	72.7	73.7
27	.5	.1	.6
28	0.0	42.6	42.6
29	0.0	.2	.2
30	3.1	0.0	3.1
31			
	83.3	286.8	370.1

Mayo

Precipitación (mm) Día	Noche	Total
2.6	0.0	2.6
0.0	0.0	0.0
9.8	0.0	9.8
.8	0.0	.8
0.0	0.0	0.0
0.0	.2	.2
0.0	0.0	0.0
0.0	0.0	0.0
17.7	0.0	17.7
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
1.0	1.1	2.1
.2	0.0	.2
14.7	2.6	17.3
2.2	.3	2.5
0.0	0.0	0.0
.5	31.6	32.1
1.7	0.0	1.7
36.0	0.0	36.0
0.0	4.3	4.3
0.0	2.4	2.4
8.5	.3	8.8
0.0	0.0	0.0
31.9	36.9	68.8
0.0	.8	.8
.3	.8	1.1
0.0	2.8	2.8
.2	0.0	.2
128.4	84.1	212.5

Junio

Precipitación (mm) Día	Noche	Total
2.4	5.9	8.3
.6	1.0	1.6
1.2	0.0	1.2
1.4	0.0	1.4
1.8	30.0	31.8
4.0	9.0	13.0
.4	.5	.9
10.2	10.5	20.7
0.0	0.0	0.0
.2	.4	.6
3.1	0.0	3.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
16.6	0.0	16.6
.4	0.0	.4
39.5	0.0	39.5
3.1	0.0	3.1
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
1.1	0.0	1.1
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
9.1	0.0	9.1
31.9	0.0	31.9
0.0	0.0	0.0
127.0	57.3	184.3

Estación : EL RECREO
Año : 2002

Dpto. : VALLE
Mpio. : ULLOA

Latitud : 4 ° 42 ' N
Longitud : 75 ° 44 ' W
Altitud : 1410 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	2.2	2.2
4	0.0	19.0	19.0
5	8.6	2.7	11.3
6	.3	0.0	.3
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	3.2	0.0	3.2
11	10.0	21.2	31.2
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	.1	.1	.2
15	5.8	0.0	5.8
16	0.0	0.0	0.0
17	0.0	1.5	1.5
18	.4	0.0	.4
19	3.3	0.0	3.3
20	1.2	3.4	4.6
21	0.0	0.0	0.0
22	18.7	0.0	18.7
23	6.7	4.6	11.3
24	0.0	.2	.2
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	0.0	0.0	0.0
30	0.0	0.0	0.0
31	6.2	0.0	6.2
	64.5	54.9	119.4

Agosto

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
.3	.7	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
1.0	0.0	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
12.1	0.0	12.1
.9	3.7	4.6
1.3	40.8	42.1
2.4	0.0	2.4
0.0	90.2	90.2
3.1	0.0	3.1
0.0	0.0	0.0
0.0	0.0	0.0
21.1	135.4	156.5

Septiembre

Precipitación (mm) Día	Noche	Total
1.4	0.0	1.4
.2	0.0	.2
0.0	1.7	1.7
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
9.2	.1	9.3
9.8	0.0	9.8
1.3	0.0	1.3
1.1	0.0	1.1
8.3	.1	8.4
1.8	0.0	1.8
0.0	0.0	0.0
18.2	1.0	19.2
0.0	.3	.3
0.0	0.0	0.0
0.0	0.0	0.0
14.6	0.0	14.6
.6	0.0	.6
0.0	10.9	10.9
0.0	4.6	4.6
0.0	29.6	29.6
2.3	6.5	8.8
1.5	7.3	8.8
9.6	0.0	9.6
1.9	0.0	1.9
0.0	0.0	0.0
81.8	62.1	143.9

Octubre

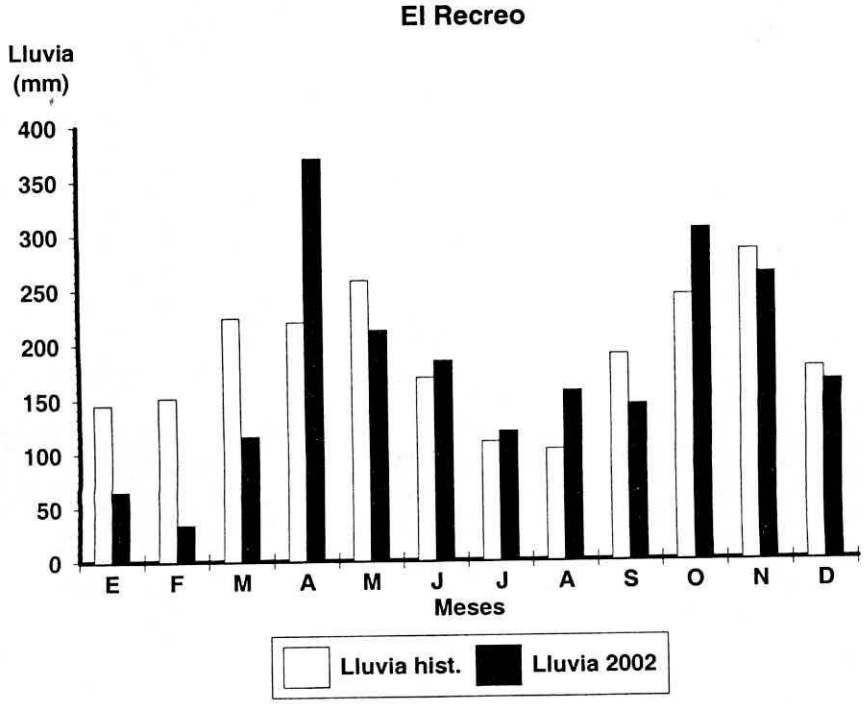
N°Día	Precipitación (mm) Día	Noche	Total
1	0.0	0.0	0.0
2	0.0	0.0	0.0
3	48.9	0.0	48.9
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	10.7	7.4	18.1
7	14.3	0.0	14.3
8	.8	0.0	.8
9	4.9	0.0	4.9
10	0.0	26.7	26.7
11	1.6	0.0	1.6
12	0.0	0.0	0.0
13	2.2	0.0	2.2
14	0.0	0.0	0.0
15	25.4	.2	25.6
16	.1	15.2	15.3
17	1.6	.8	2.4
18	0.0	0.0	0.0
19	1.7	0.0	1.7
20	11.7	.3	12.0
21	.8	6.8	7.6
22	9.6	.4	10.0
23	15.8	12.1	27.9
24	.3	.5	.8
25	0.0	18.8	18.8
26	4.1	45.4	49.5
27	.8	0.0	.8
28	.2	1.6	1.8
29	2.4	9.6	12.0
30	.5	.1	.6
31	0.0	.7	.7
	158.4	146.6	305.0

Noviembre

Precipitación (mm) Día	Noche	Total
2.0	13.6	15.6
7.8	29.4	37.2
8.7	0.0	8.7
.1	58.6	58.7
3.0	12.9	15.9
0.0	10.3	10.3
1.6	20.0	21.6
48.0	0.0	48.0
0.0	.2	.2
5.3	0.0	5.3
2.1	0.0	2.1
.5	0.0	.5
0.0	13.0	13.0
0.0	0.0	0.0
0.0	0.0	0.0
.5	0.0	.5
5.3	2.8	8.1
.6	0.0	.6
0.0	0.0	0.0
0.0	0.0	0.0
3.2	0.0	3.2
0.0	0.0	0.0
4.4	.4	4.8
0.0	0.0	0.0
0.0	0.0	0.0
.3	0.0	.3
.7	0.0	.7
0.0	0.0	0.0
8.3	0.0	8.3
0.0	0.0	0.0
102.4	161.2	263.6

Diciembre

Precipitación (mm) Día	Noche	Total
0.0	0.0	0.0
0.0	0.0	0.0
0.0	0.0	0.0
5.7	0.0	5.7
0.0	37.6	37.6
0.0	0.0	0.0
2.8	.5	3.3
9.2	.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
.3	12.1	12.4
15.0	24.8	39.8
6.5	2.5	9.0
2.0	.3	2.3
13.3	.1	13.4
.8	0.0	.8
0.0	10.9	10.9
9.6	.2	9.8
0.0	0.0	0.0
2.3	0.0	2.3
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
8.2	0.0	8.2
0.0	0.0	0.0
0.0	0.0	
75.9	89.1	165.0


El Recreo
Lluvia
(mm)
400
350
300
250
200
150
100
50
0
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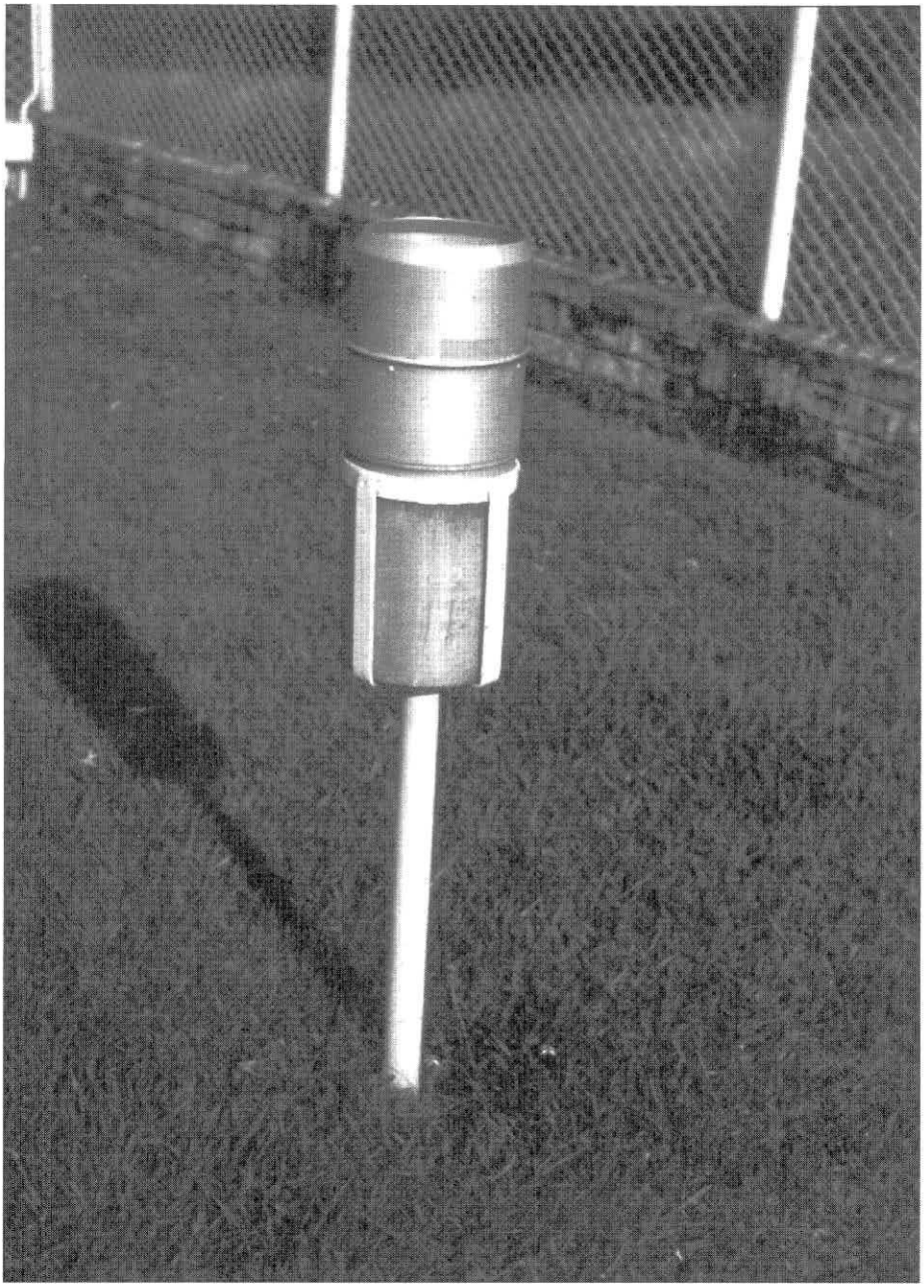
Lluvia hist.
Lluvia 2002



ESTACIONES PLUVIOMÉTRICAS

Estación : CARIMAGUA
Año : 2002

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	0.0	0.0	2.0	4.0	60.0	0.0	0.0	20.0	0.0	7.0	10.0	
2	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	26.0	0.0	3.0	5.0	
3	0.0	9.0	0.0	20.0	0.0	39.0	0.0	0.0	5.0	17.0	4.0	6.0	
4	0.0	20.0	0.0	0.0	0.0	4.0	7.0	7.0	0.0	0.0	6.0	4.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	1.0	
6	0.0	24.0	20.0	10.0	0.0	4.0	17.0	0.0	0.0	9.0	37.0	1.0	
7	15.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
8	48.0	0.0	0.0	15.0	2.0	10.0	0.0	0.0	0.0	9.0	0.0	0.0	
9	4.0	0.0	0.0	17.0	9.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	2.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	7.0	7.0	0.0	0.0	
11	0.0	3.0	4.0	7.0	0.0	7.0	5.0	0.0	0.0	5.0	7.0	0.0	
12	0.0	0.0	3.0	41.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	
13	0.0	0.0	0.0	4.0	9.0	9.0	0.0	0.0	0.0	9.0	3.0	0.0	
14	0.0	0.0	2.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
15	0.0	0.0	0.0	5.0	0.0	7.0	12.0	0.0	12.0	4.0	2.0	30.0	
16	0.0	0.0	2.0	0.0	2.0	16.0	20.0	0.0	0.0	0.0	0.0	19.0	
17	0.0	0.0	2.0	17.0	4.0	0.0	0.0	0.0	11.0	7.0	8.0	15.0	
18	0.0	0.0	1.0	8.0	20.0	0.0	0.0	0.0	7.0	17.0	0.0	10.0	
19	0.0	0.0	0.0	7.0	9.0	0.0	12.0	0.0	0.0	0.0	0.0	4.0	
20	0.0	0.0	0.0	0.0	19.0	0.0	10.0	0.0	7.0	6.0	0.0	0.0	
21	3.0	0.0	8.0	20.0	3.0	0.0	10.0	0.0	0.0	15.0	3.0	0.0	
22	3.0	12.0	30.0	19.0	2.0	0.0	0.0	2.0	0.0	12.0	0.0	0.0	
23	0.0	3.0	0.0	4.0	0.0	0.0	14.0	48.0	5.0	45.0	0.0	0.0	
24	0.0	0.0	0.0	21.0	50.0	0.0	5.0	2.0	4.0	7.0	0.0	0.0	
25	0.0	12.0	20.0	4.0	20.0	0.0	0.0	10.0	30.0	0.0	0.0	0.0	
26	0.0	1.0	4.0	15.0	0.0	0.0	0.0	30.0	0.0	4.0	0.0	0.0	
27	0.0	0.0	17.0	10.0	25.0	0.0	0.0	7.0	41.0	28.0	0.0	0.0	
28	0.0	0.0	3.0	0.0	4.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	
29	0.0		0.0	12.0	25.0	7.0	0.0	4.0	6.0	16.0	0.0	0.0	
30	0.0		0.0	2.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
													Anual
Total	75.0	89.0	116.0	287.0	212.0	187.0	112.0	113.0	181.0	240.0	129.0	105.0	1846.0
Días LI.	6	9	13	24	18	12	10	9	13	21	13	11	

Estación : BARILOCHE
Año : 2002

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		0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	28.0	0.0	
2		0.0	5.0	0.0	0.0	1.0	0.0	6.0	0.0	0.0	0.0	0.0	
3		20.0	4.0	38.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	
4		0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
5		0.0	0.0	0.0	0.0	73.0	38.0	0.0	0.0	0.0	79.0	0.0	
6		0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	52.0	0.0	
7		10.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	
8		0.0	0.0	84.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	
9		0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
10		3.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	
11		0.0	5.0	0.0	0.0	40.0	0.0	0.0	7.0	0.0	0.0	0.0	
12		0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13		0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15		0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0	
16		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.0	0.0	26.0	
17		0.0	0.0	85.0	41.0	0.0	41.0	0.0	10.0	0.0	0.0	36.0	
18		14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	
19		0.0	0.0	4.0	0.0	0.0	9.0	0.0	0.0	33.0	0.0	0.0	
20		43.0	33.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	0.0	
22		0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0	0.0	
23		0.0	0.0	0.0	63.0	0.0	22.0	5.0	0.0	47.0	0.0	0.0	
24		0.0	0.0	54.0	37.0	0.0	0.0	0.0	12.0	19.0	0.0	0.0	
25		0.0	0.0	0.0	3.0	0.0	0.0	17.0	17.0	0.0	0.0	0.0	
26		0.0	0.0	31.0	0.0	0.0	0.0	15.0	57.0	0.0	0.0	0.0	
27		5.0	46.0	0.0	20.0	0.0	0.0	0.0	0.0	57.0	0.0	0.0	
28		0.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	
29			8.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
30			0.0	40.0	82.0	0.0	0.0	13.0	0.0	3.0	0.0	0.0	
31			0.0		0.0		0.0	0.0		0.0		0.0	
													Anual
Total		95.0	169.0	399.0	301.0	116.0	118.0	56.0	205.0	369.0	254.0	116.0	
Días LI.		6	8	11	8	4	5	5	8	11	6	3	

Estación : SANTA CRUZ
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : FREDONIA

Latitud : 5 ° 54 ' N
Longitud : 75 ° 38 ' W
Altitud : 1400 m

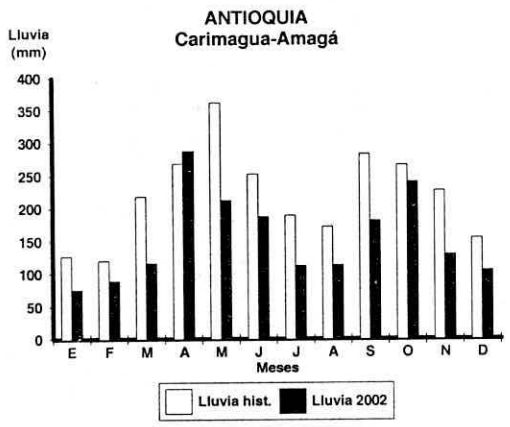
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	19.0	0.0	
2	12.0	5.0	0.0	0.0	0.0	2.0	0.0	0.0	15.0	0.0	2.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	0.0	0.0	3.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	55.0	55.0	0.0	0.0	1.0	47.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	29.0	0.0	
6	32.0	8.0	0.0	0.0	1.0	2.0	0.0	0.0	0.0	54.0	74.0	0.0	
7	10.0	10.0	0.0	5.0	0.0	38.0	0.0	1.0	0.0	0.0	2.0	6.0	
8	10.0	2.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
9	0.0	0.0	0.0	5.0	30.0	5.0	0.0	0.0	2.0	41.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
11	5.0	0.0	5.0	5.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	10.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
13	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	23.0	
14	0.0	2.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	23.0	0.0	15.0	
15	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0	0.0	20.0	
16	0.0	0.0	0.0	40.0	30.0	5.0	5.0	0.0	2.0	5.0	0.0	40.0	
17	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
18	0.0	3.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	23.0	10.0	12.0	0.0	5.0	0.0	0.0	3.0	0.0	0.0	
20	0.0	0.0	15.0	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	4.0	0.0	0.0	
22	0.0	2.0	0.0	2.0	30.0	0.0	13.0	2.0	0.0	32.0	0.0	0.0	
23	0.0	0.0	2.0	50.0	15.0	0.0	5.0	0.0	27.0	23.0	0.0	0.0	
24	0.0	0.0	37.0	7.0	15.0	0.0	0.0	15.0	23.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	10.0	0.0	0.0	0.0	25.0	0.0	55.0	0.0	0.0	
26	0.0	8.0	0.0	5.0	18.0	0.0	0.0	0.0	50.0	58.0	0.0	0.0	
27	0.0	0.0	7.0	15.0	5.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0	
28	0.0	0.0	17.0	10.0	5.0	0.0	0.0	0.0	0.0	52.0	0.0	0.0	
29	0.0		0.0	0.0	10.0	0.0	0.0	5.0	0.0	0.0	0.0	5.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		5.0		30.0		0.0	32.0		12.0		0.0	
Total	79.0	85.0	117.0	188.0	208.0	117.0	102.0	84.0	186.0	466.0	209.0	109.0	Anual 1950.0
Días Ll.	6	9	11	16	14	10	8	8	10	15	9	6	

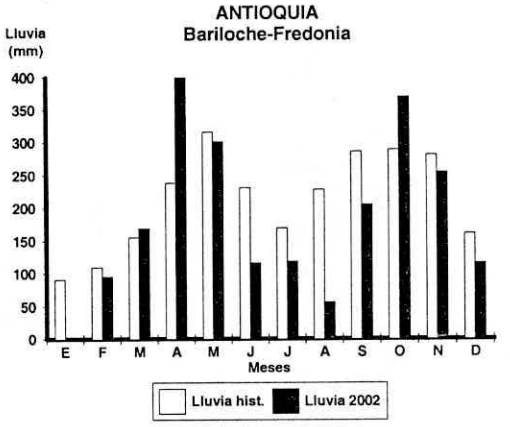
Estación : SANTA ISABEL
Año : 2002

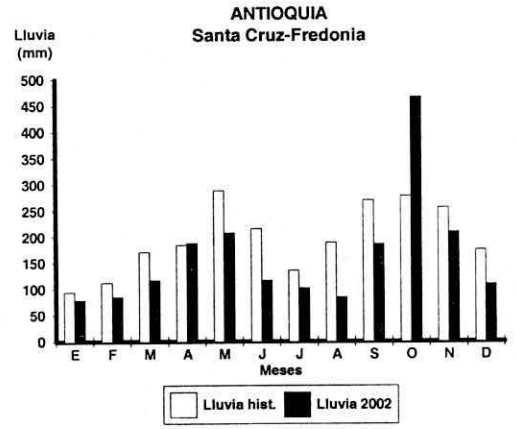
Dpto. : ANTIOQUIA
Mpio. : FREDONIA

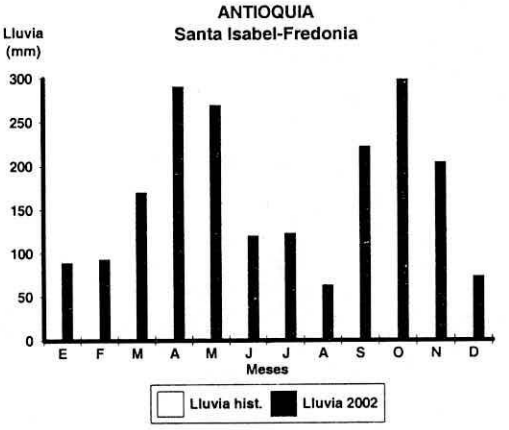
Latitud : 5 ° 53 ' N
Longitud : 75 ° 41 ' W
Altitud : 1963 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	5.0	0.0	28.0	0.0	0.0	14.0	0.0	0.0	0.0	
2	0.0	0.0	4.0	1.0	0.0	0.0	0.0	2.0	1.0	0.0	10.0	0.0	
3	13.0	11.0	0.0	0.0	7.0	1.0	0.0	0.0	10.0	0.0	3.0	0.0	
4	0.0	1.0	0.0	0.0	0.0	2.0	5.0	5.0	0.0	0.0	20.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	30.0	62.0	0.0	0.0	3.0	65.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	12.0	0.0	
7	37.0	1.0	1.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	53.0	0.0	
8	16.0	10.0	0.0	14.0	0.0	30.0	0.0	1.0	0.0	0.0	0.0	5.0	
9	11.0	8.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
10	0.0	1.0	0.0	39.0	27.0	6.0	0.0	0.0	1.0	9.0	0.0	0.0	
11	0.0	0.0	10.0	0.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	24.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	11.0	1.0	4.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	
14	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	35.0	
15	0.0	1.0	4.0	1.0	4.0	0.0	0.0	0.0	3.0	0.0	0.0	5.0	
16	0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	20.0	0.0	10.0	
17	0.0	0.0	0.0	53.0	17.0	3.0	8.0	0.0	2.0	2.0	0.0	18.0	
18	0.0	1.0	0.0	0.0	20.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
19	0.0	2.0	0.0	3.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	
20	1.0	0.0	40.0	17.0	25.0	0.0	8.0	0.0	0.0	6.0	0.0	0.0	
21	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
22	0.0	27.0	0.0	0.0	63.0	0.0	0.0	0.0	72.0	0.0	0.0	0.0	
23	0.0	24.0	0.0	3.0	27.0	0.0	14.0	12.0	0.0	51.0	0.0	0.0	
24	0.0	0.0	7.0	55.0	30.0	0.0	15.0	0.0	34.0	20.0	0.0	0.0	
25	0.0	0.0	20.0	6.0	0.0	0.0	0.0	20.0	18.0	0.0	0.0	0.0	
26	0.0	2.0	6.0	12.0	0.0	0.0	0.0	18.0	0.0	60.0	0.0	0.0	
27	0.0	3.0	17.0	3.0	20.0	0.0	0.0	0.0	63.0	31.0	0.0	0.0	
28	0.0	0.0	44.0	3.0	9.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
29	0.0		0.0	4.0	13.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	5.0	0.0	1.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	89.0	93.0	170.0	290.0	269.0	120.0	123.0	63.0	222.0	298.0	204.0	73.0	Anual 2014.0
Días Ll.	6	14	12	20	14	10	9	7	11	14	8	5	


ANTIOQUIA
Carimagua-Amagá
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


ANTIOQUIA
Bariloche-Fredonia
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


ANTIOQUIA
Santa Cruz-Fredonia
Lluvia (mm)
500
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


ANTIOQUIA
Santa Isabel-Fredonia
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 2002

Estación : LA BLANQUITA
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : FREDONIA

Latitud : 5 ° 49 ' N
Longitud : 75 ° 40 ' W
Altitud : 569 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	4.0	0.0	42.0	0.0	0.0	24.0	0.0	30.0	0.0	
2	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	
3	12.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	6.0	4.0	0.0	0.0	0.0	7.0	5.0	
5	0.0	0.0	0.0	0.0	0.0	13.0	18.0	0.0	0.0	0.0	40.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	
7	9.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
8	5.0	0.0	0.0	20.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
10	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
11	0.0	0.0	12.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	15.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	5.0	
14	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	8.0	5.0	3.0	68.0	
15	0.0	0.0	0.0	10.0	13.0	0.0	0.0	0.0	5.0	4.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	11.0	
17	0.0	0.0	0.0	27.0	13.0	0.0	7.0	0.0	5.0	30.0	0.0	18.0	
18	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	13.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	10.0	
20	0.0	0.0	32.0	21.0	21.0	0.0	26.0	0.0	0.0	11.0	0.0	0.0	
21	5.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	37.0	3.0	0.0	0.0	
22	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	25.0	0.0	18.0	0.0	0.0	50.0	0.0	0.0	
24	0.0	0.0	19.0	53.0	40.0	0.0	12.0	0.0	10.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	7.0	0.0	0.0	0.0	35.0	20.0	29.0	0.0	0.0	
26	0.0	0.0	5.0	7.0	0.0	0.0	0.0	40.0	0.0	7.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	30.0	28.0	0.0	0.0	
28	0.0	0.0	9.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	5.0		0.0		0.0	
Total	46.0	98.0	128.0	194.0	156.0	89.0	110.0	80.0	157.0	228.0	194.0	121.0	Anual 1601.0
Días LI.	5	4	9	11	8	4	8	3	10	13	9	7	

Estación : EL PORVENIR
Año : 2002

Dpto. : ANTIOQUIA
Mpio. : JERICO

Latitud : 5 ° 48 ' N
Longitud : 75 ° 46 ' W
Altitud : 1850 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	2.0	12.0	36.0	0.0	0.0	20.0	0.0	21.0	0.0	
2	14.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
3	0.0	50.0	0.0	6.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	16.0	0.0	3.0	26.0	0.0	0.0	0.0	14.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	34.0	19.0	0.0	0.0	0.0	59.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	12.0	5.0	0.0	
7	20.0	6.0	0.0	0.0	2.0	4.0	0.0	0.0	0.0	1.0	54.0	0.0	
8	6.0	3.0	0.0	26.0	0.0	25.0	0.0	0.0	0.0	0.0	3.0	19.0	
9	0.0	18.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	6.0	17.0	0.0	
10	0.0	0.0	0.0	0.0	10.0	9.0	0.0	0.0	4.0	0.0	0.0	0.0	
11	0.0	2.0	16.0	4.0	0.0	4.0	0.0	0.0	0.0	4.0	0.0	0.0	
12	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	20.0	16.0	61.0	12.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	7.0	
14	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	48.0	64.0	
15	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	7.0	3.0	0.0	0.0	
16	0.0	3.0	13.0	17.0	19.0	1.0	3.0	0.0	2.0	0.0	0.0	34.0	
17	0.0	0.0	0.0	23.0	28.0	6.0	8.0	0.0	5.0	2.0	0.0	26.0	
18	0.0	0.0	0.0	1.0	35.0	0.0	0.0	0.0	6.0	42.0	0.0	0.0	
19	0.0	0.0	0.0	13.0	0.0	0.0	18.0	0.0	21.0	18.0	0.0	15.0	
20	0.0	0.0	24.0	17.0	29.0	0.0	12.0	0.0	0.0	18.0	0.0	0.0	
21	2.0	0.0	0.0	2.0	0.0	0.0	6.0	0.0	0.0	13.0	0.0	0.0	
22	0.0	21.0	9.0	25.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
23	0.0	7.0	0.0	0.0	30.0	0.0	23.0	0.0	0.0	54.0	0.0	0.0	
24	0.0	0.0	11.0	34.0	48.0	0.0	37.0	0.0	6.0	6.0	0.0	0.0	
25	0.0	0.0	0.0	5.0	45.0	0.0	0.0	52.0	26.0	0.0	0.0	0.0	
26	0.0	11.0	9.0	13.0	3.0	0.0	0.0	22.0	4.0	0.0	0.0	0.0	
27	0.0	0.0	1.0	0.0	5.0	0.0	0.0	0.0	65.0	20.0	0.0	5.0	
28	0.0	0.0	7.0	1.0	2.0	0.0	0.0	3.0	0.0	12.0	0.0	0.0	
29	0.0		0.0	2.0	9.0	0.0	0.0	0.0	35.0	49.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	10.0	0.0	4.0	19.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	62.0	137.0	159.0	254.0	277.0	125.0	152.0	87.0	243.0	264.0	255.0	170.0	Anual 2185.0
Días LI.	5	10	10	22	14	10	9	4	16	16	10	7	

Estación : CUATRO ESQUINAS
Año : 2002

Dpto. : CALDAS
Mpio. : AGUADAS

Latitud : 5 ° 40 ' N
Longitud : 75 ° 25 ' W
Altitud : 1900 m

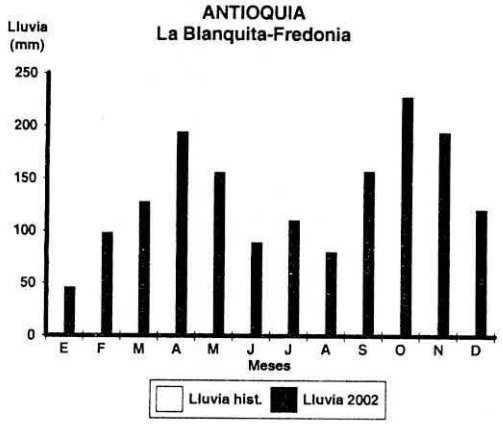
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	17.0	0.0		0.0	0.0	12.0	0.0	11.0	0.0
2	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	18.0	0.0
3	0.0	15.0	0.0	0.0	0.0		0.0	0.0	9.0	0.0	0.0	0.0
4	0.0	0.0	0.0	4.0	0.0		0.0	0.0	0.0	0.0	10.0	0.0
5	0.0	0.0	0.0	0.0	0.0		45.0	0.0	0.0	15.0	5.0	0.0
6	0.0	4.0	0.0	17.0	0.0		0.0	0.0	0.0	0.0	10.0	0.0
7	5.0	25.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	40.0	0.0
8	15.0	6.0	0.0	15.0	4.0		0.0	3.0	0.0	0.0	12.0	10.0
9	0.0	0.0	0.0	0.0	6.0		0.0	0.0	0.0	0.0	11.0	0.0
10	0.0	0.0	0.0	4.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
11	20.0	0.0	0.0	15.0	0.0		0.0	0.0	0.0	3.0	0.0	0.0
12	20.0	0.0	0.0	25.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
13	5.0	0.0	15.0	5.0	0.0		0.0	0.0	0.0	0.0	6.0	17.0
14	0.0	0.0	30.0	0.0	0.0		0.0	0.0	0.0	7.0	18.0	35.0
15	0.0	0.0	0.0	0.0	10.0		0.0	0.0	4.0	0.0	0.0	12.0
16	0.0	0.0	6.0	0.0	3.0		4.0	0.0	0.0	30.0	0.0	31.0
17	4.0	0.0	0.0	2.0	10.0		12.0	0.0	15.0	10.0	10.0	6.0
18	0.0	12.0	6.0	7.0	1.0		0.0	0.0	15.0	21.0	0.0	0.0
19	0.0	10.0	0.0	0.0	0.0		4.0	0.0	5.0	16.0	0.0	0.0
20	0.0	0.0	8.0	28.0	25.0		18.0	0.0	0.0	8.0	0.0	0.0
21	0.0	0.0	10.0	0.0	25.0		0.0	0.0	0.0	14.0	0.0	0.0
22	0.0	30.0	2.0	0.0	0.0		0.0	0.0	15.0	15.0	0.0	0.0
23	0.0	16.0	33.0	12.0	15.0		12.0	0.0	5.0	0.0	0.0	0.0
24	0.0	0.0	0.0	62.0	26.0		7.0	0.0	15.0	0.0	0.0	0.0
25	0.0	0.0	0.0	13.0	8.0		0.0	5.0	20.0	0.0	0.0	6.0
26	0.0	0.0	0.0	8.0	0.0		0.0	6.0	0.0	24.0	0.0	0.0
27	0.0	13.0	0.0	8.0	15.0		0.0	0.0	55.0	0.0	0.0	0.0
28	0.0	0.0	0.0	13.0	6.0		0.0	30.0	0.0	10.0	0.0	0.0
29	0.0		32.0	8.0	13.0		0.0	0.0	0.0	22.0	0.0	0.0
30	0.0		0.0	0.0	8.0		0.0	5.0	0.0	5.0	0.0	0.0
31	0.0		10.0		0.0		0.0	5.0		4.0		0.0
												Anual
Total	69.0	131.0	152.0	263.0	175.0		102.0	54.0	170.0	204.0	151.0	117.0
Días LI.	6	9	10	18	15		7	6	11	15	11	7

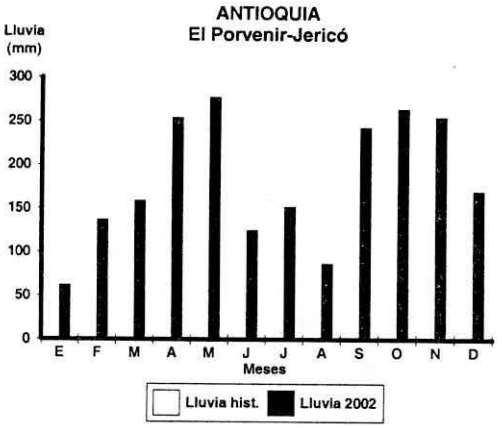
Estación : GUAYMARAL
Año : 2002

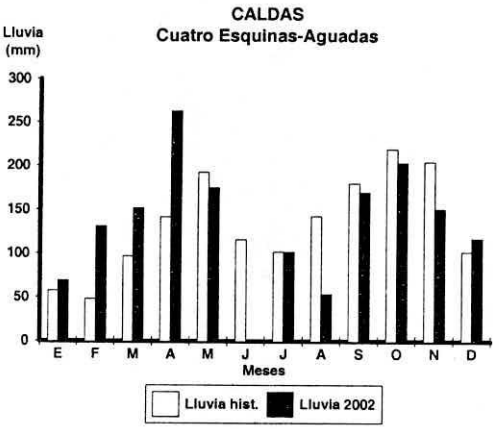
Dpto. : CALDAS
Mpio. : AGUADAS

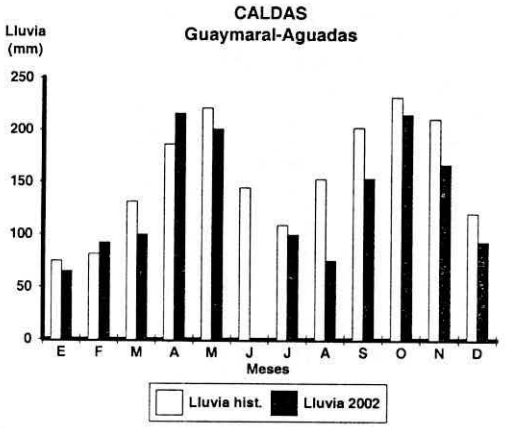
Latitud : 5 ° 39 ' N
Longitud : 75 ° 27 ' W
Altitud : 1600 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	9.0	0.0		0.0	0.0	13.0	0.0	14.0	0.0
2	1.0	0.0	0.0	0.0	0.0		0.0	0.0	3.0	0.0	2.0	0.0
3	0.0	9.0	0.0	3.0	0.0		0.0	0.0	4.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0		5.0	1.0	0.0	0.0	30.0	0.0
5	0.0	0.0	0.0	0.0	0.0		48.0	0.0	0.0	0.0	10.0	0.0
6	0.0	6.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	10.0	0.0
7	3.0	14.0	0.0	0.0	3.0		0.0	0.0	0.0	18.0	30.0	0.0
8	1.0	4.0	0.0	12.0	0.0		0.0	6.0	0.0	0.0	13.0	0.0
9	28.0	0.0	0.0	5.0	12.0		0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	4.0	0.0		0.0	0.0	0.0	2.0	5.0	0.0
11	0.0	0.0	0.0	7.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
12	12.0	0.0	0.0	32.0	0.0		0.0	0.0	0.0	13.0	0.0	0.0
13	10.0	0.0	35.0	5.0	0.0		0.0	0.0	0.0	0.0	44.0	23.0
14	10.0	0.0	0.0	5.0	0.0		0.0	0.0	0.0	4.0	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	2.0
16	0.0	0.0	0.0	9.0	0.0		0.0	0.0	0.0	44.0	0.0	3.0
17	0.0	0.0	0.0	0.0	14.0		7.0	0.0	7.0	7.0	7.0	20.0
18	0.0	3.0	0.0	0.0	25.0		0.0	0.0	0.0	6.0	0.0	0.0
19	0.0	12.0	1.0	11.0	0.0		6.0	0.0	0.0	1.0	0.0	0.0
20	0.0	0.0	3.0	0.0	24.0		18.0	0.0	1.0	11.0	0.0	0.0
21	0.0	0.0	20.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	11.0	6.0	10.0	25.0		0.0	0.0	12.0	6.0	0.0	0.0
23	0.0	0.0	0.0	18.0	6.0		10.0	0.0	1.0	15.0	0.0	0.0
24	0.0	0.0	15.0	53.0	23.0		6.0	0.0	12.0	13.0	0.0	0.0
25	0.0	0.0	0.0	7.0	5.0		0.0	6.0	56.0	0.0	0.0	0.0
26	0.0	26.0	0.0	4.0	0.0		0.0	15.0	0.0	22.0	0.0	5.0
27	0.0	7.0	0.0	20.0	45.0		0.0	3.5	45.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	9.0		0.0	1.0	0.0	24.0	0.0	0.0
29	0.0		20.0	0.0	5.0		0.0	38.0	0.0	25.0	0.0	0.0
30	0.0		0.0	2.0	5.0		0.0	1.0	0.0	2.0	2.0	0.0
31	0.0		0.0		0.0		0.0	3.0		2.0		0.0
												Anual
Total	65.0	92.0	100.0	216.0	201.0		100.0	74.5	154.0	215.0	167.0	93.0
Días LI.	7	9	7	18	13		7	9	10	17	11	6


ANTIOQUIA
La Blanquita-Fredonia
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


ANTIOQUIA
El Porvenir-Jericó
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 2002


CALDAS
Cuatro Esquinas-Aguadas
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 2002


CALDAS
Guaymaral-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 2002

Estación : SALINEROS
Año : 2002

Dpto. : CALDAS
Mpio. : AGUADAS

Latitud : 5 ° 35 ' N
Longitud : 75 ° 32 ' W
Altitud : 1476 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	2.0	0.0		0.0	0.0	12.0	0.0	10.0	0.0	
2	0.0	5.0	2.0	0.0	0.0		0.0	0.0	0.0	0.0	30.0	0.0	
3	0.0	6.0	0.0	3.0	17.0		0.0	0.0	8.0	0.0	3.0	0.0	
4	0.0	0.0	0.0	0.0	0.0		4.0	2.0	0.0	0.0	31.0	0.0	
5	0.0	0.0	0.0	0.0	0.0		42.0	0.0	0.0	5.0	26.0	1.0	
6	0.0	0.0	10.0	8.0	0.0		0.0	0.0	0.0	0.0	20.0	0.0	
7	19.0	5.0	0.0	0.0	20.0		0.0	0.0	0.0	0.0	21.0	0.0	
8	7.0	8.0	0.0	9.0	0.0		0.0	3.0	0.0	0.0	5.0	2.0	
9	3.0	0.0	0.0	0.0	0.0		0.0	5.0	0.0	0.0	4.0	0.0	
10	0.0	0.0	0.0	0.0	0.0		0.0	0.0	3.0	5.0	0.0	0.0	
11	0.0	0.0	2.0	0.0	0.0		5.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	27.0	0.0		0.0	0.0	8.0	0.0	6.0	0.0	
13	46.0	0.0	30.0	0.0	0.0		0.0	0.0	0.0	0.0	10.0	3.0	
14	0.0	0.0	5.0	0.0	0.0		0.0	0.0	3.0	0.0	0.0	28.0	
15	0.0	0.0	0.0	4.0	0.0		4.0	0.0	0.0	0.0	0.0	11.0	
16	2.0	0.0	3.0	4.0	0.0		2.0	0.0	0.0	31.0	0.0	5.0	
17	0.0	0.0	0.0	0.0	24.0		7.0	0.0	4.0	0.0	7.0	10.0	
18	0.0	8.0	0.0	6.0	18.0		2.0	0.0	8.0	11.0	0.0	0.0	
19	0.0	0.0	12.0	8.0	0.0		5.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	23.0	59.0		21.0	0.0	0.0	2.0	0.0	0.0	
21	0.0	2.0	22.0	0.0	2.0		2.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	35.0	0.0	3.0	4.0		0.0	8.0	8.0	3.0	0.0	0.0	
23	0.0	6.0	8.0	23.0	4.0		5.0	28.0	0.0	65.0	0.0	0.0	
24	0.0	0.0	10.0	57.0	15.0		5.0	0.0	52.0	8.0	0.0	0.0	
25	0.0	0.0	0.0	8.0	4.0		0.0	7.0	36.0	2.0	0.0	0.0	
26	0.0	3.0	0.0	30.0	0.0		0.0	33.0	0.0	35.0	0.0	0.0	
27	0.0	3.0	0.0	7.0	51.0		0.0	0.0	56.0	10.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	5.0		0.0	44.0	0.0	1.0	2.0	0.0	
29	0.0		5.0	29.0	4.0		0.0	1.0	0.0	11.0	0.0	0.0	
30	0.0		0.0	0.0	2.0		0.0	0.0	0.0	2.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		2.0		0.0	
Total	77.0	81.0	109.0	251.0	229.0		104.0	131.0	198.0	193.0	175.0	60.0	Anual
Días LI.	5	10	11	17	14		12	9	11	15	13	7	

Estación : SAN JOSE
Año : 2002

Dpto. : CALDAS
Mpio. : AGUADAS

Latitud : 5 ° 34 ' N
Longitud : 75 ° 28 ' W
Altitud : 1663 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	5.0	0.0		0.0	0.0		0.0	4.0	0.0	
2	0.0	3.0	0.0	0.0	0.0		0.0	0.0		0.0	27.0	0.0	
3	0.0	2.0	0.0	10.0	6.0		0.0	0.0		2.0	13.0	0.0	
4	0.0	0.0	0.0	1.0	0.0		3.0	0.0		0.0	19.0	8.0	
5	0.0	0.0	0.0	0.0	0.0		35.0	1.0		2.0	7.0	7.0	
6	0.0	8.0	0.0	1.0	0.0		1.0	0.0		0.0	4.0	18.0	
7	22.0	40.0	0.0	2.0	2.0		1.0	0.0		45.0	23.0	2.0	
8	20.0	19.0	0.0	1.0	2.0		0.0	2.0		29.0	14.0	19.0	
9	0.0	10.0	0.0	2.0	30.0		0.0	0.0		0.0	4.0	0.0	
10	0.0	5.0	0.0	0.0	21.0		0.0	0.0		2.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0		38.0	0.0		2.0	3.0	2.0	
12	13.0	0.0	0.0	1.0	0.0		0.0	0.0		2.0	2.0	6.0	
13	25.0	0.0	10.0	0.0	0.0		0.0	0.0		7.0	3.0	18.0	
14	10.0	0.0	20.0	2.0	0.0		0.0	0.0		2.0	2.0	40.0	
15	0.0	0.0	3.0	5.0	0.0		0.0	0.0		2.0	3.0	11.0	
16	0.0	0.0	4.0	1.0	0.0		2.0	0.0		27.0	0.0	4.0	
17	0.0	6.0	0.0	0.0	30.0		20.0	0.0		5.0	8.0	25.0	
18	0.0	20.0	4.0	0.0	18.0		12.0	0.0		0.0	9.0	8.0	
19	0.0	18.0	2.0	10.0	0.0		6.0	0.0		10.0	4.0	1.0	
20	0.0	0.0	4.0	10.0	21.0		25.0	0.0		4.0	0.0	0.0	
21	2.0	0.0	6.0	0.0	1.0		2.0	0.0		2.0	0.0	0.0	
22	0.0	20.0	7.0	0.0	2.0		0.0	0.0		10.0	0.0	0.0	
23	0.0	15.0	9.0	27.0	7.0		2.0	50.0		32.0	0.0	0.0	
24	0.0	0.0	9.0	70.0	17.0		2.0	0.0		7.0	0.0	0.0	
25	0.0	0.0	0.0	4.0	8.0		0.0	4.0		4.0	0.0	1.0	
26	0.0	18.0	10.0	8.0	0.0		0.0	40.0		40.0	0.0	0.0	
27	0.0	8.0	0.0	12.0	35.0		0.0	1.0		0.0	0.0	0.0	
28	0.0	0.0	0.0	3.0	1.0		0.0	6.0		7.0	6.0	3.0	
29	8.0		110.0	9.0	4.0		0.0	20.0		12.0	1.0	0.0	
30	0.0		0.0	3.0	0.0		0.0	0.0		5.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	100.0	192.0	198.0	187.0	205.0		149.0	124.0		260.0	156.0	173.0	Anual
Días LI.	7	14	13	21	16		13	8		23	19	16	

Estación : LA LINDA
Año : 2002

Dpto. : CALDAS
Mpio. : PACORA

Latitud : 5 ° 33 ' N
Longitud : 75 ° 32 ' W
Altitud : 1750 m

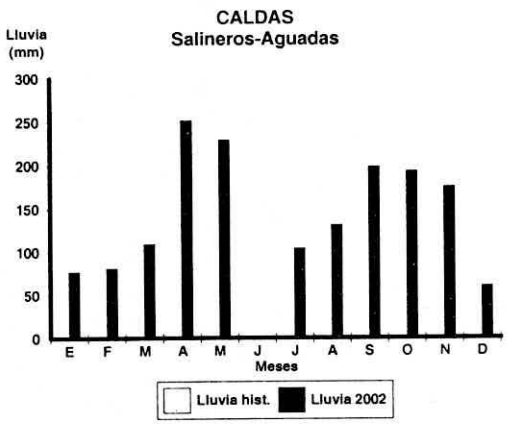
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	1.0	1.0	0.0	24.0	0.0	0.0	10.0	0.0	3.0	0.0	
2	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	7.0	0.0	7.0	0.0	
3	4.0	3.0	0.0	2.0	7.0	3.0	0.0	2.0	12.0	0.0	12.0	0.0	
4	0.0	0.0	0.0	10.0	0.0	14.0	1.0	0.0	0.0	5.0	55.0	2.0	
5	0.0	0.0	0.0	0.0	0.0	3.0	47.0	0.0	0.0	0.0	3.0	0.0	
6	13.0	0.0	13.0	39.0	0.0	12.0	5.0	0.0	3.0	0.0	5.0	0.0	
7	20.0	14.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	7.0	6.0	
8	14.0	3.0	0.0	28.0	0.0	28.0	0.0	0.0	0.0	0.0	9.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	3.0	0.0	3.0	0.0	0.0	14.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	4.0	4.0	0.0	4.0	7.0	0.0	0.0	
11	0.0	0.0	4.0	0.0	0.0	4.0	12.0	0.0	2.0	0.0	0.0	0.0	
12	7.0	0.0	0.0	8.0	0.0	4.0	0.0	0.0	4.0	0.0	1.0	0.0	
13	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	3.0	
14	13.0	0.0	13.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	26.0	
15	0.0	0.0	0.0	5.0	0.0	3.0	5.0	0.0	0.0	0.0	11.0	18.0	
16	0.0	0.0	0.0	11.0	12.0	8.0	12.0	0.0	0.0	0.0	10.0	2.0	
17	0.0	0.0	0.0	0.0	2.0	0.0	4.0	0.0	5.0	25.0	2.0	11.0	
18	0.0	9.0	0.0	2.0	7.0	2.0	7.0	0.0	8.0	2.0	0.0	0.0	
19	0.0	0.0	0.0	8.0	0.0	0.0	17.0	0.0	0.0	5.0	0.0	0.0	
20	0.0	0.0	9.0	24.0	50.0	0.0	27.0	0.0	0.0	4.0	1.0	0.0	
21	0.0	0.0	0.0	23.0	0.0	0.0	5.0	0.0	4.0	2.0	0.0	0.0	
22	0.0	22.0	33.0	20.0	12.0	0.0	0.0	2.0	7.0	8.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	6.0	0.0	10.0	11.0	0.0	64.0	1.0	0.0	
24	0.0	0.0	0.0	50.0	19.0	0.0	5.0	0.0	39.0	3.0	0.0	0.0	
25	0.0	0.0	9.0	10.0	1.0	0.0	0.0	4.0	47.0	17.0	0.0	0.0	
26	0.0	1.0	0.0	18.0	0.0	0.0	0.0	85.0	5.0	30.0	0.0	0.0	
27	0.0	0.0	10.0	24.0	42.0	0.0	0.0	2.0	31.0	6.0	0.0	0.0	
28	0.0	0.0	0.0	5.0	4.0	0.0	0.0	19.0	0.0	0.0	5.0	0.0	
29	0.0		0.0	58.0	1.0	9.0	0.0	2.0	8.0	10.0	5.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
31	0.0		0.0		2.0		0.0	2.0		0.0		0.0	
Total	86.0	52.0	92.0	346.0	198.0	123.0	161.0	132.0	196.0	203.0	161.0	68.0	Anual 1818.0
Días LI.	7	6	8	19	15	15	14	10	16	17	18	7	

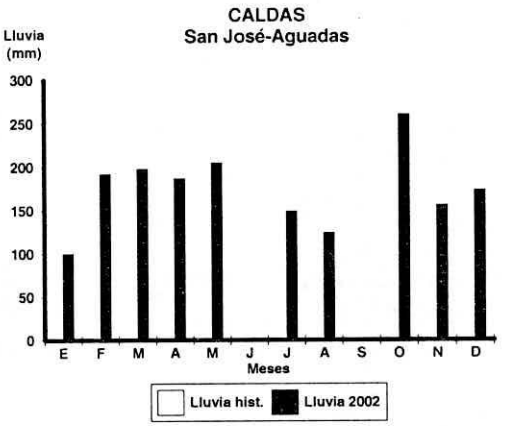
Estación : LA FLORIDA
Año : 2002

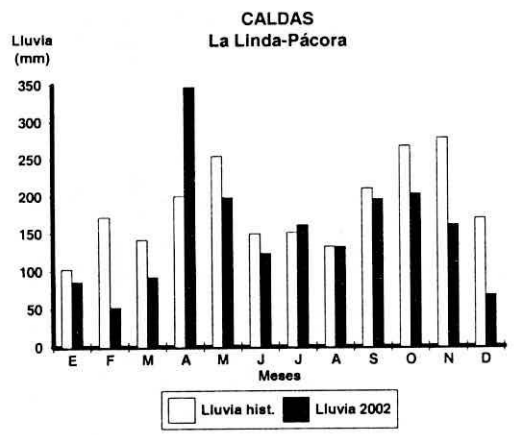
Dpto. : CALDAS
Mpio. : PACORA

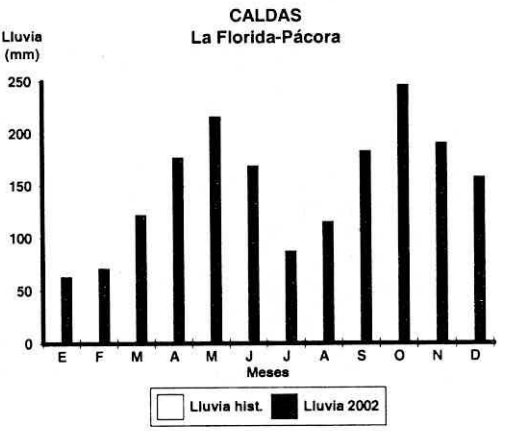
Latitud : 5 ° 33 ' N
Longitud : 75 ° 29 ' W
Altitud : 1657 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	3.0	0.0	7.0	0.0	0.0	4.0	0.0	3.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	8.0	12.0	15.0	10.0	
3	0.0	0.0	0.0	15.0	3.0	12.0	0.0	0.0	6.0	10.0	30.0	0.0	
4	0.0	0.0	0.0	6.0	0.0	5.0	0.0	0.0	0.0	0.0	51.0	4.0	
5	0.0	0.0	0.0	0.0	0.0	10.0	14.0	0.0	0.0	7.0	0.0	10.0	
6	0.0	0.0	35.0	2.0	0.0	15.0	2.0	0.0	0.0	2.0	14.0	9.0	
7	5.0	15.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	5.0	16.0	6.0	
8	10.0	20.0	0.0	0.0	3.0	32.0	0.0	0.0	0.0	0.0	10.0	4.0	
9	8.0	5.0	0.0	0.0	12.0	15.0	0.0	0.0	0.0	0.0	5.0	0.0	
10	13.0	6.0	0.0	12.0	10.0	20.0	0.0	0.0	20.0	4.0	0.0	0.0	
11	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	6.0	0.0	
12	10.0	0.0	0.0	10.0	0.0	7.0	0.0	0.0	0.0	0.0	4.0	0.0	
13	8.0	0.0	10.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	15.0	
14	0.0	0.0	5.0	0.0	7.0	0.0	0.0	0.0	6.0	0.0	0.0	30.0	
15	0.0	0.0	0.0	0.0	8.0	2.0	0.0	0.0	14.0	0.0	6.0	35.0	
16	0.0	0.0	10.0	3.0	4.0	0.0	10.0	0.0	5.0	0.0	0.0	5.0	
17	0.0	0.0	5.0	4.0	12.0	10.0	6.0	0.0	20.0	10.0	9.0	5.0	
18	0.0	10.0	9.0	5.0	18.0	6.0	5.0	0.0	10.0	40.0	0.0	20.0	
19	0.0	0.0	10.0	11.0	20.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	8.0	15.0	0.0	0.0	11.0	0.0	4.0	7.0	5.0	0.0	
21	9.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	7.0	0.0	
22	0.0	10.0	0.0	11.0	5.0	0.0	0.0	5.0	14.0	15.0	5.0	0.0	
23	0.0	5.0	4.0	10.0	6.0	0.0	0.0	15.0	0.0	54.0	0.0	0.0	
24	0.0	0.0	0.0	25.0	7.0	0.0	5.0	0.0	20.0	5.0	0.0	0.0	
25	0.0	0.0	0.0	30.0	30.0	0.0	5.0	20.0	7.0	0.0	0.0	3.0	
26	0.0	0.0	0.0	5.0	9.0	0.0	10.0	40.0	12.0	40.0	3.0	0.0	
27	0.0	0.0	5.0	10.0	27.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
28	0.0	0.0	0.0	0.0	10.0	0.0	0.0	35.0	5.0	10.0	0.0	2.0	
29	0.0		5.0	0.0	5.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	3.0	10.0	0.0	0.0	
31	0.0		0.0		15.0		0.0	0.0		0.0		0.0	
Total	63.0	71.0	122.0	177.0	216.0	169.0	87.0	115.0	183.0	246.0	191.0	158.0	Anual 1798.0
Días LI.	7	7	13	17	20	15	11	5	17	16	17	14	


CALDAS
Salineros-Aguadas
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 2002


CALDAS
San José-Aguadas
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 2002


CALDAS
La Linda-Pácora
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 2002


CALDAS
La Florida-Pácora
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : EL TIBURIO
Año : 2002

Dpto. : CALDAS
Mpio. : SAMANA

Latitud : 5 ° 33 ' N
Longitud : 75 ° 1 ' W
Altitud : 1350 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	28.0	21.0	0.0	150.0	0.0	125.0	0.0	0.0	4.0	15.0	43.0	0.0	
2	0.0	91.0	0.0	0.0	1.0	5.0	0.0	0.0	20.0	116.0	48.0	2.0	
3	0.0	2.0	0.0	61.0	4.0	0.0	0.0	0.0	41.0	0.0	0.0	16.0	
4	7.0	0.0	5.0	1.0	0.0	17.0	0.0	2.0	0.0	0.0	20.0	42.0	
5	0.0	0.0	0.0	31.0	0.0	25.0	101.0	0.0	5.0	20.0	8.0	80.0	
6	3.0	1.0	32.0	43.0	0.0	50.0	0.0	0.0	0.0	40.0	10.0	0.0	
7	23.0	20.0	0.0	59.0	7.0	0.0	0.0	30.0	0.0	59.0	21.0	101.0	
8	0.0	25.0	0.0	0.0	0.0	39.0	0.0	0.0	0.0	54.0	7.0	35.0	
9	14.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	6.0	4.0	2.0	
10	10.0	2.0	0.0	3.0	0.0	27.0	0.0	0.0	77.0	0.0	0.0	66.0	
11	3.0	0.0	85.0	7.0	0.0	3.0	0.0	0.0	54.0	0.0	0.0	0.0	
12	73.0	4.0	0.0	118.0	0.0	12.0	0.0	0.0	42.0	0.0	20.0	10.0	
13	22.0	0.0	82.0	10.0	0.0	0.0	0.0	0.0	24.0	13.0	23.0	0.0	
14	164.0	5.0	31.0	12.0	0.0	35.0	0.0	0.0	0.0	75.0	0.0	0.0	
15	40.0	0.0	0.0	26.0	0.0	0.0	14.0	0.0	6.0	0.0	0.0	18.0	
16	30.0	30.0	93.0	106.0	0.0	0.0	9.0	0.0	37.0	40.0	0.0	134.0	
17	11.0	1.0	0.0	11.0	51.0	0.0	80.0	0.0	18.0	44.0	42.0	0.0	
18	0.0	13.0	75.0	22.0	38.0	0.0	0.0	0.0	66.0	54.0	83.0	12.0	
19	95.0	5.0	7.0	27.0	0.0	0.0	3.0	0.0	42.0	4.0	0.0	9.0	
20	0.0	49.0	3.0	111.0	241.0	0.0	81.0	7.0	0.0	34.0	11.0	0.0	
21	105.0	3.0	0.0	15.0	0.0	0.0	0.0	0.0	4.0	17.0	0.0	65.0	
22	0.0	57.0	9.0	0.0	12.0	0.0	0.0	0.0	31.0	5.0	0.0	3.0	
23	0.0	10.0	0.0	7.0	0.0	0.0	98.0	0.0	0.0	57.0	12.0	11.0	
24	0.0	0.0	0.0	27.0	100.0	0.0	16.0	2.0	48.0	72.0	10.0	0.0	
25	0.0	5.0	33.0	11.0	62.0	0.0	0.0	0.0	20.0	0.0	0.0	27.0	
26	0.0	19.0	82.0	31.0	0.0	0.0	0.0	95.0	60.0	55.0	78.0	40.0	
27	14.0	48.0	89.0	8.0	36.0	0.0	0.0	15.0	57.0	31.0	2.0	42.0	
28	0.0	3.0	1.0	50.0	3.0	2.0	0.0	45.0	0.0	38.0	49.0	55.0	
29	80.0		21.0	25.0	27.0	0.0	0.0	0.0	69.0	10.0	7.0	10.0	
30	0.0		36.0	4.0	0.0	0.0	0.0	22.0	10.0	0.0	113.0	2.0	
31	89.0		11.0		0.0		0.0	4.0		11.0		0.0	
Total	811.0	414.0	695.0	1005.0	582.0	340.0	402.0	222.0	735.0	870.0	611.0	782.0	Anual 7469.0
Días LI.	18	21	17	27	12	11	8	9	21	23	20	22	

Estación : EL DESCANSO
Año : 2002

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	0.0	0.0	0.0	0.0	0.0	44.0	0.0	0.0	7.0	0.0	4.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
3	0.0	0.0	20.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	55.0	40.0	0.0	0.0	0.0	40.0	25.0	
6	0.0	0.0	20.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
7	0.0	15.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	15.0	0.0	
8	5.0	0.0	6.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	10.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	6.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	20.0	5.0	
14	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
15	0.0	0.0	14.0	9.0	12.0	9.0	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	30.0	0.0	40.0	
17	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
18	8.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	2.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	8.0	0.0	0.0	0.0	
20	0.0	0.0	50.0	15.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	5.0	
21	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	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	0.0	0.0	0.0	40.0	15.0	0.0	4.0	0.0	0.0	10.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	5.0	0.0	5.0	
25	0.0	0.0	6.0	0.0	8.0	0.0	0.0	25.0	9.0	10.0	0.0	0.0	
26	0.0	20.0	15.0	50.0	2.0	0.0	0.0	30.0	0.0	15.0	0.0	0.0	
27	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	
28	0.0	0.0	7.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	5.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	13.0	41.0	171.0	124.0	126.0	133.0	69.0	77.0	83.0	108.0	164.0	122.0	Anual 1231.0
Días LI.	2	3	12	5	12	4	3	3	7	10	10	7	

Estación : HOGAR JUVENIL
Año : 2002

Dpto. : CALDAS
Mpio. : PENSILVANIA

Latitud : 5 ° 30 ' N
Longitud : 75 ° 11 ' W
Altitud : 1500 m

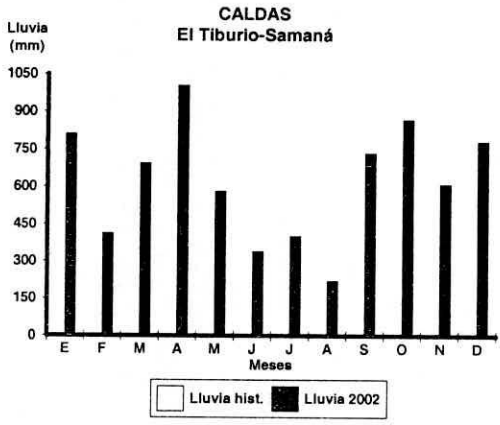
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	1.0	0.0	0.0	121.0	0.0	25.0	0.0	0.0	20.0	0.0	21.0	6.0	
2	0.0	5.0	10.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	39.0	0.0	
3	32.0	35.0	0.0	19.0	1.0	10.0	1.0	0.0	20.0	0.0	29.0	0.0	
4	3.0	2.0	4.0	0.0	1.0	1.0	17.0	1.0	0.0	0.0	130.0	1.0	
5	0.0	2.0	0.0	9.0	0.0	2.0	43.0	0.0	0.0	25.0	38.0	14.0	
6	32.0	49.0	5.0	10.0	0.0	99.0	4.0	0.0	0.0	0.0	2.0	3.0	
7	80.0	25.0	19.0	29.0	0.0	0.0	0.0	0.0	0.0	31.0	4.0	45.0	
8	50.0	9.0	3.0	52.0	0.0	59.0	0.0	9.0	1.0	19.0	0.0	14.0	
9	19.0	13.0	0.0	12.0	0.0	2.0	0.0	0.0	1.0	5.0	0.0	36.0	
10	4.0	0.0	0.0	13.0	0.0	35.0	0.0	0.0	3.0	0.0	0.0	26.0	
11	3.0	43.0	12.0	15.0	0.0	1.0	6.0	0.0	0.0	0.0	1.0	3.0	
12	13.0	31.0	0.0	53.0	0.0	23.0	0.0	0.0	2.0	0.0	0.0	0.0	
13	4.0	28.0	17.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	58.0	107.0	
14	25.0	23.0	22.0	19.0	0.0	1.0	0.0	0.0	0.0	15.0	0.0	20.0	
15	4.0	5.0	2.0	69.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	6.0	
16	9.0	12.0	60.0	21.0	5.0	0.0	1.0	0.0	0.0	11.0	0.0	19.0	
17	4.0	35.0	0.0	62.0	29.0	0.0	14.0	0.0	19.0	35.0	29.0	86.0	
18	0.0	74.0	0.0	12.0	60.0	0.0	2.0	0.0	84.0	5.0	45.0	10.0	
19	0.0	25.0	0.0	62.0	10.0	0.0	1.0	0.0	0.0	55.0	0.0	1.0	
20	0.0	0.0	79.0	60.0	34.0	0.0	72.0	0.0	1.0	16.0	0.0	28.0	
21	4.0	5.0	10.0	14.0	0.0	0.0	0.0	0.0	30.0	10.0	0.0	15.0	
22	0.0	52.0	0.0	13.0	3.0	0.0	17.0	0.0	1.0	5.0	0.0	0.0	
23	0.0	79.0	0.0	6.0	0.0	0.0	31.0	0.0	58.0	30.0	0.0	3.0	
24	0.0	0.0	28.0	52.0	60.0	0.0	21.0	1.0	16.0	62.0	6.0	0.0	
25	0.0	5.0	0.0	6.0	17.0	0.0	0.0	15.0	18.0	6.0	0.0	18.0	
26	1.0	12.0	28.0	19.0	17.0	0.0	0.0	57.0	62.0	35.0	0.0	27.0	
27	0.0	3.0	52.0	27.0	47.0	0.0	0.0	62.0	0.0	15.0	0.0	23.0	
28	0.0	5.0	9.0	20.0	2.0	1.0	0.0	7.0	5.0	35.0	0.0	52.0	
29	0.0		15.0	15.0	34.0	0.0	0.0	2.0	0.0	73.0	0.0	1.0	
30	0.0		0.0	10.0	14.0	0.0	0.0	4.0	0.0	2.0	31.0	2.0	
31	51.0		0.0		1.0		0.0	9.0		0.0		0.0	
Total	339.0	577.0	375.0	820.0	335.0	283.0	232.0	167.0	352.0	490.0	433.0	566.0	Anual 4969.0
Días LI.	18	24	17	27	16	14	14	10	18	20	13	25	

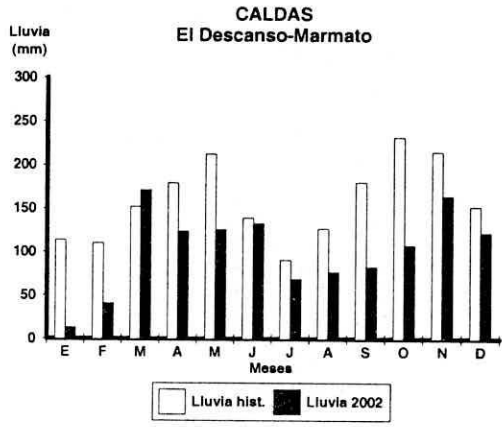
Estación : LAS DELICIAS
Año : 2002

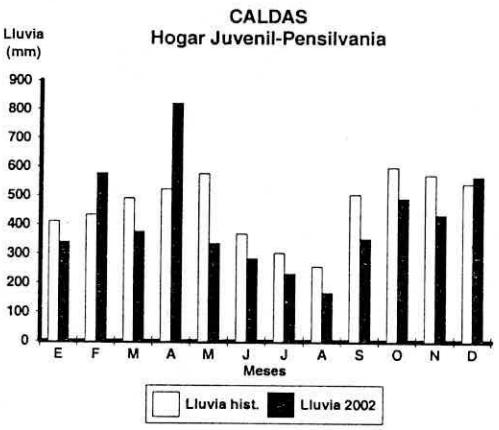
Dpto. : CALDAS
Mpio. : PACORA

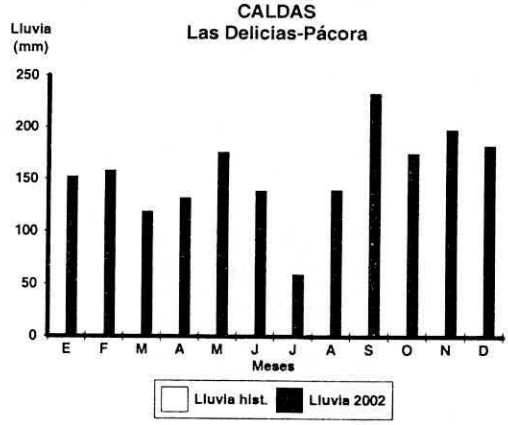
Latitud : 5 ° 29 ' N
Longitud : 75 ° 29 ' W
Altitud : 1961 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	3.0	6.0	0.0	14.0	3.0	9.0	5.0	0.0	0.0	0.0	40.0	0.0	
2	0.0	0.0	0.0	0.0	8.0	20.0	0.0	0.0	0.0	0.0	28.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	22.0	
4	0.0	0.0	0.0	13.0	0.0	0.0	0.0	30.0	0.0	10.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	10.0	30.0	5.0	0.0	0.0	0.0	0.0	18.0	
6	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
7	6.0	0.0	0.0	10.0	8.0	20.0	10.0	0.0	0.0	15.0	0.0	0.0	
8	0.0	0.0	7.0	0.0	30.0	5.0	0.0	26.0	0.0	8.0	0.0	16.0	
9	0.0	40.0	0.0	20.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	8.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	20.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	15.0	
13	0.0	12.0	0.0	8.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	36.0	
14	11.0	0.0	0.0	0.0	12.0	0.0	0.0	27.0	0.0	12.0	10.0	38.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	8.0	6.0	15.0	9.0	
16	0.0	15.0	0.0	10.0	0.0	0.0	0.0	0.0	6.0	8.0	20.0	0.0	
17	0.0	0.0	0.0	0.0	17.0	0.0	20.0	28.0	0.0	9.0	0.0	0.0	
18	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	11.0	
19	35.0	30.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	8.0	0.0	
20	0.0	0.0	0.0	12.0	12.0	0.0	0.0	0.0	20.0	15.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	20.0	12.0	6.0	
22	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	12.0	0.0	0.0	
23	68.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	15.0	0.0	31.0	0.0	0.0	29.0	21.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	
26	4.0	15.0	25.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	62.0	0.0	25.0	0.0	
28	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
29	25.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
30	0.0		0.0	5.0	7.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
31	0.0		0.0		5.0		0.0	0.0		35.0		0.0	
Total	152.0	158.0	119.0	132.0	176.0	139.0	59.0	140.0	233.0	175.0	198.0	183.0	Anual 1864.0
Días LI.	7	9	6	10	14	9	6	5	9	13	10	10	


CALDAS
El Tiburio-Samaná
Lluvia (mm)
1050
900
750
600
450
300
150
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
El Descanso-Marmato
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 2002


CALDAS
Hogar Juvenil-Pensilvania
Lluvia (mm)
900
800
700
600
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
Las Delicias-Pácora
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : LA CASCADA
Año : 2002

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	0.0	0.0	0.0	0.0	0.0	43.0	0.0	0.0	28.0	0.0	5.0	0.0	
2	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	
4	0.0	0.0	0.0	0.0	20.0	8.0	0.0	0.0	0.0	0.0	9.0	0.0	
5	0.0	0.0	41.0	0.0	0.0	17.0	24.0	0.0	0.0	3.0	27.0	21.0	
6	0.0	0.0	4.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	7.0	0.0	
7	20.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	
8	6.0	0.0	0.0	21.0	0.0	23.0	0.0	0.0	0.0	0.0	22.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	13.0	0.0	0.0	0.0	
11	0.0	0.0	7.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	12.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	9.0	4.0	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	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.0	
15	0.0	0.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0	6.0	
16	0.0	0.0	0.0	17.0	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	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	12.0	0.0	3.0	17.0	0.0	0.0	0.0	9.0	0.0	7.0	20.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
20	0.0	0.0	34.0	0.0	36.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	40.0	12.0	0.0	0.0	
23	0.0	0.0	0.0	25.0	3.0	0.0	3.0	0.0	3.0	7.0	0.0	0.0	
24	0.0	0.0	19.0	45.0	14.0	0.0	5.0	0.0	35.0	11.0	0.0	0.0	
25	0.0	0.0	0.0	5.0	11.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	30.0	0.0	0.0	0.0	25.0	0.0	45.0	0.0	0.0	
27	0.0	17.0	10.0	10.0	34.0	0.0	0.0	27.0	42.0	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	15.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	9.0	16.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	42.0	55.0	127.0	174.0	161.0	119.0	49.0	52.0	218.0	172.0	132.0	110.0	Anual 1411.0
Días LI.	4	4	8	10	9	8	4	2	10	10	11	5	

Estación : LA ARGENTINA
Año : 2002

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	0.0	2.0	0.0	12.0	0.0	42.0	0.0	0.0	25.0	0.0	10.0	0.0	
2	0.0	7.0	4.0	1.0	0.0	2.0	0.0	0.0	2.0	0.0	36.0	0.0	
3	2.0	6.0	23.0	20.0	25.0	5.0	0.0	0.0	10.0	2.0	5.0	0.0	
4	0.0	2.0	6.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	14.0	0.0	
5	0.0	0.0	0.0	5.0	0.0	78.0	41.0	0.0	0.0	3.0	5.0	1.0	
6	0.0	0.0	0.0	0.0	0.0	15.0	2.0	0.0	0.0	0.0	10.0	2.0	
7	20.0	16.0	32.0	5.0	20.0	4.0	0.0	5.0	0.0	15.0	5.0	15.0	
8	4.0	2.0	0.0	67.0	0.0	21.0	0.0	0.0	0.0	6.0	10.0	3.0	
9	0.0	0.0	0.0	6.0	0.0	2.0	0.0	0.0	0.0	0.0	11.0	0.0	
10	0.0	1.0	0.0	5.0	1.0	5.0	0.0	0.0	2.0	19.0	0.0	9.0	
11	0.0	0.0	12.0	5.0	0.0	2.0	7.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	1.0	3.0	10.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	18.0	3.0	8.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	
14	5.0	4.0	10.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	0.0	3.0	
15	0.0	0.0	3.0	12.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
16	8.0	0.0	30.0	6.0	0.0	30.0	0.0	0.0	0.0	23.0	0.0	3.0	
17	12.0	5.0	0.0	3.0	25.0	8.0	1.0	0.0	5.0	20.0	0.0	3.0	
18	0.0	25.0	1.0	10.0	22.0	0.0	3.0	0.0	12.0	2.0	15.0	0.0	
19	0.0	2.0	12.0	16.0	1.0	0.0	0.0	8.0	8.0	2.0	0.0	2.0	
20	0.0	0.0	8.0	14.0	28.0	0.0	32.0	0.0	0.0	3.0	0.0	4.0	
21	8.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
22	4.0	4.0	23.0	6.0	15.0	0.0	6.0	0.0	2.0	3.0	0.0	0.0	
23	0.0	0.0	0.0	36.0	14.0	0.0	10.0	0.0	0.0	3.0	0.0	0.0	
24	0.0	0.0	65.0	27.0	12.0	0.0	0.0	0.0	35.0	2.0	0.0	0.0	
25	0.0	6.0	0.0	16.0	18.0	0.0	0.0	12.0	23.0	5.0	0.0	3.0	
26	0.0	23.0	1.0	33.0	2.0	0.0	0.0	16.0	2.0	3.0	0.0	24.0	
27	0.0	5.0	4.0	35.0	25.0	0.0	0.0	1.0	30.0	2.0	0.0	0.0	
28	0.0	0.0	9.0	12.0	10.0	0.0	0.0	35.0	3.0	5.0	0.0	3.0	
29	0.0		3.0	38.0	1.0	3.0	0.0	34.0	0.0	22.0	3.0	0.0	
30	2.0		0.0	8.0	3.0	0.0	1.0	36.0	0.0	10.0	0.0	0.0	
31	0.0		6.0		0.0		0.0	0.0		18.0		0.0	
Total	83.0	114.0	278.0	410.0	230.0	223.0	103.0	149.0	161.0	175.0	126.0	90.0	Anual 2142.0
Días LI.	10	17	21	26	17	15	9	9	14	22	12	15	

Estación : EL SOCORRO
Año : 2002

Dpto. : CALDAS
Mpio. : LA MERCED

Latitud : 5 ° 23 ' N
Longitud : 75 ° 33 ' W
Altitud : 1852 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	4.0	3.0	0.0	0.0	0.0	35.0	0.0	40.0	5.0
2	0.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	45.0	0.0	30.0	0.0
3	0.0	4.0	0.0	8.0	0.0	5.0	0.0	0.0	10.0	0.0	35.0	4.0
4	0.0	0.0	4.0	10.0	0.0	4.0	0.0	0.0	0.0	0.0	50.0	3.0
5	0.0	0.0	5.0	5.0	4.0	3.0	0.0	0.0	0.0	0.0	50.0	10.0
6	0.0	0.0	0.0	4.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	0.0
7	62.0	21.0	0.0	10.0	25.0	4.0	0.0	0.0	0.0	0.0	4.0	15.0
8	68.0	0.0	0.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	15.0
10	0.0	4.0	0.0	4.0	5.0	0.0	35.0	0.0	20.0	0.0	3.0	0.0
11	0.0	0.0	35.0	0.0	4.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
12	0.0	0.0	10.0	4.0	3.0	0.0	0.0	0.0	0.0	0.0	10.0	4.0
13	0.0	0.0	10.0	3.0	5.0	3.0	0.0	0.0	3.0	0.0	0.0	24.0
14	0.0	0.0	5.0	2.0	10.0	0.0	5.0	0.0	0.0	0.0	0.0	30.0
15	0.0	0.0	4.0	0.0	15.0	0.0	0.0	0.0	4.0	0.0	0.0	40.0
16	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	110.0	0.0	35.0
17	0.0	10.0	0.0	10.0	0.0	0.0	4.0	4.0	4.0	0.0	0.0	0.0
18	0.0	5.0	0.0	15.0	5.0	0.0	0.0	5.0	0.0	5.0	0.0	0.0
19	0.0	0.0	35.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
20	0.0	0.0	35.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
22	8.0	10.0	4.0	4.0	0.0	0.0	0.0	3.0	3.0	4.0	0.0	0.0
23	0.0	15.0	0.0	5.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	4.0	8.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0
25	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0
26	0.0	3.0	0.0	0.0	0.0	0.0	0.0	15.0	30.0	15.0	4.0	0.0
27	0.0	0.0	5.0	0.0	20.0	0.0	0.0	10.0	45.0	30.0	0.0	0.0
28	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	40.0	3.0	0.0
29	0.0		0.0	0.0	10.0	0.0	0.0	15.0	0.0	35.0	0.0	0.0
30	0.0		0.0	4.0	5.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0
31	0.0		0.0		1.0		0.0	0.0		10.0		0.0
Total	148.0	77.0	176.0	144.0	170.0	39.0	44.0	62.0	254.0	304.0	239.0	185.0
Días LI.	4	9	14	21	17	8	3	7	12	13	11	11

Anual 1842.0

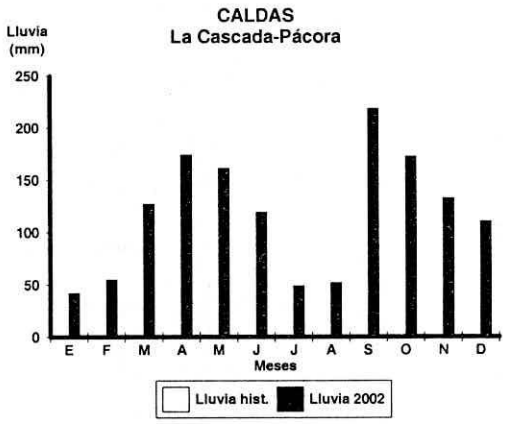
Estación : VILLARAZ
Año : 2002

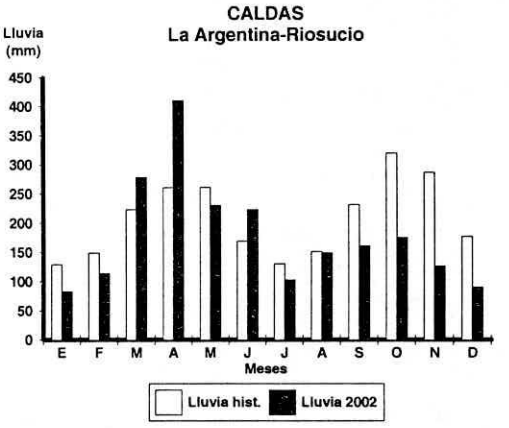
Dpto. : CALDAS
Mpio. : PENSILVANIA

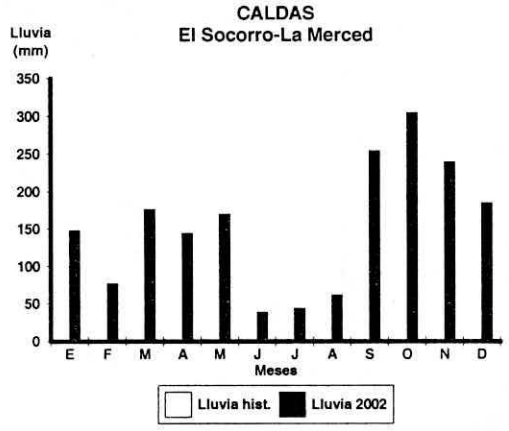
Latitud : 5 ° 23 ' N
Longitud : 75 ° 4 ' W
Altitud : 1670 m

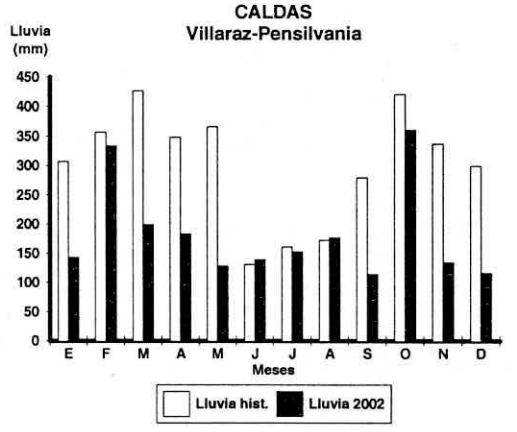
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	7.0	0.0	6.0	7.0	0.0	39.0	0.0	0.0	0.0	18.0	21.0	0.0
2	16.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	14.0	26.0	4.0
3	4.0	0.0	0.0	0.0	4.0	7.0	0.0	0.0	11.0	0.0	0.0	15.0
4	5.0	0.0	24.0	0.0	0.0	3.0	78.0	0.0	0.0	0.0	0.0	7.0
5	13.0	4.0	3.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	11.0	0.0
6	0.0	0.0	8.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	3.0	6.0	0.0	12.0	0.0	0.0	32.0	56.0	0.0	0.0	0.0	3.0
8	9.0	5.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
9	0.0	18.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	6.0	0.0
10	2.0	12.0	0.0	0.0	0.0	0.0	0.0	43.0	45.0	0.0	0.0	0.0
11	0.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	11.0	0.0
12	12.0	35.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	3.0	49.0	12.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0
14	0.0	0.0	4.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
15	18.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0
16	4.0	12.0	0.0	14.0	2.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
17	0.0	0.0	26.0	18.0	32.0	0.0	0.0	0.0	0.0	32.0	24.0	0.0
18	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0
19	0.0	0.0	4.0	22.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	5.0	5.0	30.0	7.0	0.0	0.0	0.0	37.0	38.0	0.0	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	32.0	36.0	13.0	6.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0	0.0
24	0.0	0.0	36.0	0.0	6.0	0.0	0.0	0.0	0.0	61.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	19.0	0.0	0.0	0.0
26	0.0	128.0	0.0	4.0	0.0	45.0	0.0	0.0	0.0	42.0	0.0	9.0
27	0.0	4.0	0.0	18.0	18.0	0.0	0.0	3.0	0.0	0.0	0.0	37.0
28	0.0	14.0	0.0	0.0	4.0	18.0	23.0	8.0	0.0	31.0	0.0	0.0
29	0.0		0.0	0.0	25.0	0.0	0.0	65.0	0.0	42.0	0.0	0.0
30	0.0		18.0	12.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0
31	15.0		4.0		0.0		0.0	0.0		0.0		0.0
Total	143.0	334.0	199.0	183.0	128.0	139.0	153.0	177.0	114.0	360.0	134.0	116.0
Días LI.	14	15	15	15	11	7	5	6	5	11	7	9

Anual 2180.0


CALDAS
La Cascada-Pácora
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
La Argentina-Riosucio
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
El Socorro-La Merced
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 2002


CALDAS
Villaraz-Pensilvania
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : ENCIMADAS
Año : 2002

Dpto. : CALDAS
Mpio. : SALAMINA

Latitud : 5 ° 23 ' N
Longitud : 75 ° 28 ' W
Altitud : 1850 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	8.0	0.0	0.0	35.0	0.0	5.0	0.0
2	0.0	0.0	0.0	5.0	0.0	2.0	0.0	0.0	6.0	0.0	4.0	0.0
3	0.0	0.0	0.0	6.0	5.0	0.0	0.0	0.0	4.0	0.0	2.0	0.0
4	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
5	0.0	0.0	4.0	30.0	0.0	34.0	40.0	0.0	0.0	2.0	4.0	0.0
6	0.0	0.0	8.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	2.0	10.0
7	20.0	27.0	2.0	0.0	22.0	2.0	0.0	0.0	0.0	0.0	24.0	18.0
8	29.0	3.0	0.0	35.0	0.0	27.0	0.0	0.0	0.0	0.0	10.0	15.0
9	2.0	4.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
10	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
11	0.0	5.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
12	2.0	16.0	0.0	36.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
13	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	20.0
14	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	21.0
15	0.0	1.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	21.0
16	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	23.0
17	0.0	0.0	0.0	1.0	7.0	0.0	0.0	0.0	2.0	1.0	0.0	13.0
18	0.0	5.0	15.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	11.0	0.0
19	0.0	0.0	0.0	21.0	2.0	0.0	0.0	0.0	0.0	20.0	9.0	0.0
20	0.0	2.0	15.0	10.0	55.0	0.0	20.0	0.0	0.0	25.0	0.0	0.0
21	0.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	2.0
22	0.0	6.0	10.0	0.0	15.0	0.0	0.0	0.0	6.0	5.0	0.0	3.0
23	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0
24	0.0	0.0	0.0	87.0	14.0	0.0	0.0	0.0	10.0	8.0	0.0	0.0
25	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	41.0	0.0	0.0	0.0
26	0.0	2.0	0.0	0.0	3.0	0.0	0.0	19.0	0.0	30.0	0.0	0.0
27	0.0	8.0	4.0	0.0	24.0	0.0	0.0	2.0	45.0	0.0	0.0	0.0
28	0.0	0.0	7.0	0.0	2.0	0.0	0.0	14.0	0.0	25.0	0.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	15.0	0.0
30	0.0		0.0	2.0	0.0	0.0	0.0	10.0	0.0	4.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		15.0		0.0
Total	57.0	89.0	83.2	277.0	181.0	88.0	61.0	45.0	177.0	214.0	122.0	146.0
Días LI.	5	12	11	14	13	7	3	4	10	16	13	10

Anual 1540.2

Estación : LA MANUELITA
Año : 2002

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	0.0	0.0	0.0	0.0	1.0	16.0	0.0	0.0	16.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	2.0	28.0	0.0	0.0	3.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	13.0	16.0	0.0	0.0	0.0	3.0	0.0
4	0.0	0.0	0.0	32.0	0.0	0.0	24.0	0.0	0.0	0.0	7.0	0.0
5	0.0	5.0	0.0	11.0	6.0	16.0	3.0	0.0	0.0	9.0	0.0	0.0
6	0.0	0.0	0.0	14.0	2.0	0.0	2.0	0.0	24.0	0.0	0.0	0.0
7	0.0	0.0	0.0	16.0	0.0	16.0	0.0	0.0	0.0	3.0	0.0	0.0
8	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	9.0
9	0.0	0.0	3.0	15.0	3.0	0.0	0.0	0.0	18.0	2.0	0.0	3.0
10	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	21.0
12	28.0	0.0	16.0	0.0	28.0	0.0	0.0	17.0	0.0	0.0	6.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	3.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0
15	16.0	3.0	28.0	13.0	13.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
16	0.0	18.0	0.0	19.0	18.0	13.0	0.0	0.0	5.0	30.0	0.0	0.0
17	0.0	0.0	0.0	28.0	16.0	18.0	21.0	0.0	0.0	28.0	0.0	3.0
18	0.0	0.0	0.0	7.0	24.0	3.0	6.0	0.0	0.0	0.0	0.0	1.0
19	0.0	8.0	0.0	18.0	3.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0
20	7.0	0.0	33.0	0.0	0.0	0.0	8.0	1.0	19.0	0.0	9.0	1.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	3.0	0.0
22	0.0	3.0	19.0	72.0	0.0	0.0	0.0	0.0	3.0	9.0	0.0	0.0
23	0.0	0.0	28.0	13.0	55.0	0.0	0.0	0.0	2.0	0.0	31.0	11.0
24	0.0	4.0	33.0	24.0	41.0	0.0	0.0	30.0	9.0	0.0	0.0	0.0
25	3.0	0.0	0.0	7.0	33.0	0.0	0.0	0.0	18.0	18.0	3.0	4.0
26	0.0	0.0	0.0	6.0	28.0	9.0	3.0	4.0	23.0	0.0	0.0	11.0
27	11.0	9.0	48.0	0.0	16.0	4.0	0.0	7.0	7.0	0.0	4.0	0.0
28	0.0	0.0	3.0	0.0	0.0	5.0	0.0	33.0	1.0	0.0	3.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	28.0	0.0	2.0	0.0	0.0
30	0.0		11.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	8.0		0.0		0.0
Total	65.0	50.0	246.0	323.0	289.0	141.0	83.0	148.0	178.0	161.0	83.0	66.0
Días LI.	5	7	12	16	16	11	8	9	15	12	11	10

Anual 1833.0

Estación : LA GAVIOTA
Año : 2002

Dpto. : CALDAS
Mpio. : SALAMINA

Latitud : 5 ° 22 ' N
Longitud : 75 ° 29 ' W
Altitud : 1772 m

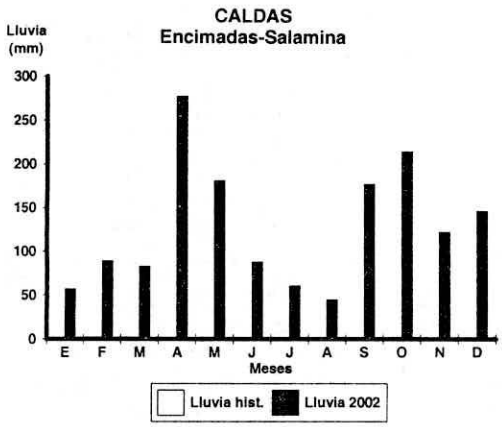
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	3.0	0.0	3.0	0.0	0.0	0.0	0.0	8.0	0.0	
2	0.0	0.0	0.0	4.0	0.0	4.0	0.0	0.0	2.0	0.0	3.0	6.0	
3	0.0	0.0	0.0	2.0	2.0	8.0	0.0	0.0	24.0	0.0	2.0	0.0	
4	0.0	0.0	1.0	6.0	0.0	3.0	22.0	0.0	1.0	2.0	12.0	4.0	
5	3.0	0.0	0.0	3.0	0.0	4.0	0.0	0.0	0.0	4.0	2.0	10.0	
6	5.0	40.0	2.0	18.0	0.0	8.0	0.0	0.0	0.0	0.0	8.0	5.0	
7	14.0	5.0	4.0	5.0	3.0	25.0	0.0	0.0	0.0	3.0	5.0	15.0	
8	12.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	2.0	15.0	0.0	
9	0.0	3.0	0.0	2.0	4.0	3.0	0.0	0.0	0.0	5.0	0.0	0.0	
10	0.0	2.0	2.0	4.0	0.0	0.0	13.0	0.0	4.0	0.0	1.0	0.0	
11	4.0	0.0	20.0	5.0	0.0	0.0	0.0	0.0	0.0	6.0	2.0	0.0	
12	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	35.0	
13	0.0	1.0	5.0	2.0	5.0	0.0	0.0	0.0	3.0	2.0	0.0	32.0	
14	0.0	0.0	2.0	14.0	34.0	0.0	0.0	0.0	0.0	8.0	2.0	8.0	
15	0.0	0.0	0.0	3.0	8.0	0.0	4.0	0.0	0.0	3.0	0.0	4.0	
16	0.0	0.0	8.0	0.0	4.0	0.0	3.0	0.0	0.0	1.0	0.0	6.0	
17	0.0	3.0	10.0	0.0	6.0	0.0	10.0	0.0	4.0	5.0	4.0	2.0	
18	0.0	0.0	4.0	8.0	1.0	0.0	2.0	0.0	1.0	25.0	1.0	0.0	
19	0.0	0.0	0.0	1.0	29.0	0.0	5.0	0.0	0.0	30.0	0.0	3.0	
20	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
21	1.0	4.0	2.0	5.0	2.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0	
22	0.0	0.0	12.0	9.0	6.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	3.0	68.0	14.0	0.0	3.0	0.0	1.0	2.0	0.0	0.0	
24	0.0	0.0	0.0	5.0	21.0	0.0	0.0	0.0	45.0	15.0	0.0	0.0	
25	0.0	6.0	2.0	2.0	6.0	0.0	0.0	0.0	2.0	50.0	0.0	0.0	
26	0.0	5.0	20.0	4.0	4.0	0.0	0.0	0.0	41.0	4.0	0.0	0.0	
27	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	
28	0.0	0.0	2.0	3.0	3.0	0.0	0.0	2.0	0.0	10.0	0.0	4.0	
29	0.0		0.0	6.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	1.0	2.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
31	0.0		2.0		5.0		0.0	0.0		4.0		0.0	
Total	41.0	69.0	111.0	183.0	171.0	63.0	63.0	2.0	132.0	211.0	92.0	134.0	Anual 1272.0
Días LI.	7	9	19	24	20	9	9	1	12	23	14	13	

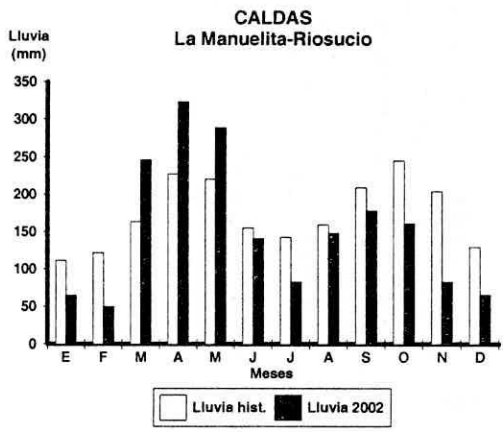
Estación : CUBA
Año : 2002

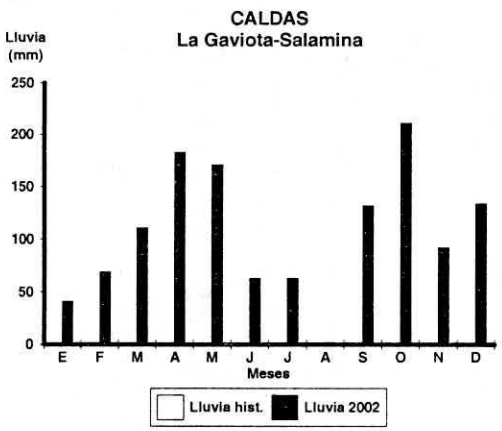
Dpto. : CALDAS
Mpio. : VICTORIA

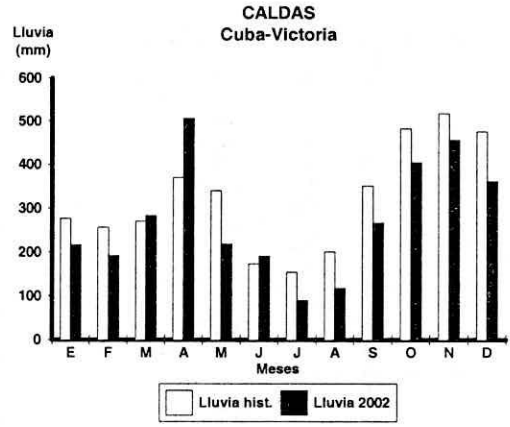
Latitud : 5 ° 20 ' N
Longitud : 74 ° 56 ' W
Altitud : 1000 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	13.0	0.0	0.0	81.0	0.0	31.0	54.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	5.0	31.0	129.0	3.0	
3	0.0	0.0	0.0	67.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0	0.0	
4	11.0	93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.0	0.0	
5	0.0	8.0	2.0	0.0	0.0	72.0	0.0	0.0	0.0	0.0	7.0	7.0	
6	5.0	5.0	0.0	98.0	0.0	19.0	0.0	0.0	0.0	8.0	5.0	0.0	
7	63.0	0.0	0.0	10.0	0.0	10.0	0.0	21.0	0.0	0.0	13.0	5.0	
8	4.0	0.0	0.0	66.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	3.0	
9	5.0	0.0	4.0	7.0	0.0	4.0	0.0	0.0	51.0	0.0	0.0	0.0	
10	3.0	3.0	0.0	48.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	78.0	0.0	1.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
12	0.0	41.0	0.0	5.0	0.0	2.0	0.0	0.0	0.0	17.0	51.0	125.0	
13	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	17.0	
14	0.0	0.0	7.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	32.0	
15	0.0	7.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
16	31.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	5.0	13.0	
17	0.0	35.0	0.0	1.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0	129.0	
18	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	111.0	3.0	
19	0.0	0.0	0.0	13.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	2.0	0.0	0.0	11.0	79.0	0.0	0.0	0.0	71.0	5.0	0.0	5.0	
21	1.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	1.0	
22	0.0	0.0	13.0	5.0	0.0	0.0	0.0	0.0	0.0	11.0	17.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	3.0	3.0	
24	0.0	0.0	111.0	37.0	13.0	0.0	0.0	0.0	0.0	25.0	0.0	5.0	
25	0.0	0.0	0.0	3.0	7.0	0.0	0.0	0.0	5.0	17.0	0.0	4.0	
26	0.0	0.0	31.0	5.0	0.0	0.0	0.0	0.0	50.0	12.0	0.0	0.0	
27	0.0	0.0	5.0	0.0	0.0	0.0	0.0	55.0	30.0	94.0	5.0	0.0	
28	0.0	0.0	5.0	3.0	3.0	0.0	0.0	37.0	0.0	17.0	0.0	0.0	
29	0.0		4.0	0.0	47.0	0.0	0.0	0.0	0.0	69.0	0.0	0.0	
30	0.0		0.0	0.0	17.0	0.0	0.0	5.0	0.0	59.0	0.0	0.0	
31	0.0		11.0		20.0		0.0	0.0		0.0		0.0	
Total	216.0	192.0	283.0	506.0	218.0	191.0	90.0	118.0	266.0	405.0	457.0	362.0	Anual 3304.0
Días LI.	11	7	14	20	8	9	2	4	9	15	14	16	


CALDAS
Encimadas-Salamina
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 2002


CALDAS
La Manuelita-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 2002


CALDAS
La Gaviota-Salamina
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
Cuba-Victoria
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 2002

Estación : LA PASTORITA Dpto. : CALDAS Latitud : 5° 19 'N
Año : 2002 Mpio. : VICTORIA Longitud : 74° 57 'W
Altitud : 1100 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	6.0	40.0	0.0					0.0	18.0	0.0	0.0	10.0	
2	0.0	0.0	0.0					0.0	66.0	52.0	4.0	0.0	
3	0.0	6.0	5.0					0.0	89.0	8.0	35.0	0.0	
4	0.0	0.0	0.0					0.0	41.0	0.0	35.0	0.0	
5	0.0	4.0	0.0					0.0	0.0	0.0	0.0	60.0	
6	0.0	3.0	5.0					0.0	0.0	22.0	10.0	50.0	
7	10.0	0.0	0.0					0.0	0.0	55.0	0.0	80.0	
8	0.0	0.0	0.0					0.0	0.0	0.0	5.0	10.0	
9	0.0	70.0	0.0					0.0	30.0	52.0	0.0	20.0	
10	0.0	49.0	0.0					0.0	0.0	0.0	0.0	30.0	
11	0.0	0.0	0.0					0.0	0.0	0.0	5.0	5.0	
12	0.0	0.0	9.0					0.0	0.0	0.0	25.0	14.0	
13	0.0	10.0	14.0					0.0	0.0	1.0	0.0	12.0	
14	0.0	8.0	8.0					0.0	0.0	8.0	0.0	18.0	
15	0.0	0.0	0.0					0.0	0.0	0.0	0.0	35.0	
16	0.0	0.0	8.0					0.0	65.0	30.0	0.0	30.0	
17	0.0	0.0	9.0					0.0	56.0	10.0	45.0	22.0	
18	0.0	0.0	30.0					0.0	0.0	0.0	0.0	18.0	
19	20.0	0.0	35.0					92.0	0.0	0.0	0.0	10.0	
20	14.0	0.0	32.0					35.0	1.0	0.0	0.0	13.0	
21	0.0	0.0	0.0					88.0	18.0	25.0	0.0	11.0	
22	0.0	0.0	0.0					15.0	0.0	25.0	0.0	9.0	
23	0.0	0.0	0.0					39.0	54.0	49.0	0.0	5.0	
24	0.0	0.0	0.0					55.0	56.0	9.0	1.0	0.0	
25	0.0	0.0	0.0					0.0	10.0	7.0	0.0	0.0	
26	32.0	0.0	0.0					42.0	0.0	0.0	1.0	0.0	
27	12.0	0.0	0.0					22.0	0.0	15.0	0.0	9.0	
28	20.0	0.0	0.0					18.0	0.0	31.0	0.0	0.0	
29	0.0		0.0					16.0	0.0	40.0	0.0	0.0	
30	0.0		0.0					40.0	0.0	16.0	0.0	5.0	
31	0.0		0.0					32.0		75.0		0.0	
Total	114.0	190.0	155.0					494.0	504.0	530.0	166.0	476.0	Anual
Días LI.	7	8	10					12	12	19	10	22	

Estación : LA JULIA Dpto. : CALDAS Latitud : 5° 18 'N
Año : 2002 Mpio. : FILADELFIA Longitud : 75° 34 'W
Altitud : 1650 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	7.0	3.0	10.0	0.0	0.0	8.0	0.0	7.0	0.0	
2	0.0	0.0	13.0	0.0	0.0	7.0	0.0	0.0	6.0	0.0	5.0	0.0	
3	0.0	1.0	0.0	4.0	28.0	1.0	7.0	0.0	8.0	0.0	3.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	4.0	0.0	
5	0.0	1.0	0.0	0.0	0.0	15.0	18.0	0.0	0.0	0.0	48.0	10.0	
6	1.0	0.0	0.0	1.0	0.0	15.0	0.0	0.0	0.0	0.0	6.0	17.0	
7	21.0	2.0	3.0	15.0	10.0	16.0	0.0	0.0	0.0	7.0	11.0	15.0	
8	0.0	0.0	0.0	44.0	0.0	27.0	0.0	0.0	0.0	15.0	4.0	8.0	
9	4.0	0.0	0.0	12.0	2.0	0.0	0.0	0.0	0.0	0.0	8.0	1.0	
10	0.0	9.0	0.0	9.0	0.0	1.0	0.0	0.0	0.0	25.0	0.0	9.0	
11	0.0	3.0	12.0	1.0	0.0	0.0	5.0	0.0	3.0	1.0	0.0	0.0	
12	44.0	0.0	5.0	10.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	7.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	12.0	19.0	
14	3.0	1.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	
15	0.0	0.0	2.0	4.0	4.0	0.0	5.0	0.0	0.0	0.0	0.0	13.0	
16	2.0	0.0	4.0	3.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	18.0	
17	0.0	0.0	0.0	0.0	42.0	8.0	0.0	0.0	58.0	1.0	0.0	11.0	
18	0.0	1.0	1.0	7.0	26.0	0.0	0.0	0.0	12.0	1.0	1.0	1.0	
19	0.0	0.0	0.0	15.0	0.0	0.0	3.0	0.0	0.0	22.0	0.0	0.0	
20	0.0	0.0	2.0	38.0	17.0	0.0	7.0	0.0	0.0	0.0	0.0	4.0	
21	0.0	0.0	48.0	0.0	7.0	0.0	2.0	0.0	7.0	0.0	0.0	0.0	
22	0.0	28.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	
23	0.0	0.0	0.0	42.0	0.0	0.0	0.0	7.0	0.0	6.0	0.0	0.0	
24	0.0	0.0	8.0	12.0	63.0	0.0	2.0	0.0	26.0	4.0	0.0	0.0	
25	0.0	0.0	0.0	25.0	21.0	0.0	0.0	9.0	21.0	27.0	1.0	0.0	
26	0.0	24.0	0.0	12.0	0.0	0.0	0.0	8.0	5.0	32.0	0.0	0.0	
27	0.0	0.0	35.0	9.0	34.0	0.0	0.0	72.0	9.0	20.0	0.0	0.0	
28	0.0	0.0	14.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	
29	0.0		2.0	26.0	17.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
30	0.0		0.0	14.0	4.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	
31	0.0		0.0		0.0		14.0	0.0		5.0		0.0	
Total	82.0	70.0	158.0	324.0	278.0	125.0	63.0	96.0	164.0	239.0	110.0	174.0	Anual 1883.0
Días LI.	7	9	15	23	14	11	9	4	12	17	12	14	

Estación : LA ESPERANZA
Año : 2002

Dpto. : CALDAS
Mpio. : MARQUETALIA

Latitud : 5 ° 18 ' N
Longitud : 75 ° 4 ' W
Altitud : 1415 m

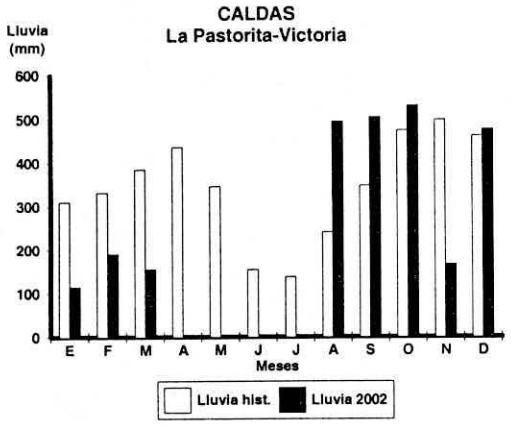
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	30.0	0.0	0.0	14.0	0.0	2.0	0.0	0.0	7.0	0.0	3.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	7.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.0	0.0	4.0	0.0	
4	0.0	10.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	30.0	0.0	
5	2.0	11.0	0.0	0.0	0.0	0.0	64.0	0.0	0.0	0.0	0.0	20.0	
6	14.0	4.0	0.0	2.0	0.0	8.0	0.0	0.0	0.0	0.0	6.0	0.0	
7	21.0	50.0	2.2	19.0	0.0	0.0	2.0	0.0	0.0	5.0	9.0	7.0	
8	4.0	4.0	0.0	15.0	0.0	0.0	0.0	10.0	0.0	3.0	7.0	10.0	
9	4.0	0.0	100.3	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
10	0.0	0.0	0.0	0.0	0.0	130.0	0.0	0.0	11.0	0.0	0.0	14.0	
11	0.0	9.0	4.0	4.0	0.0	8.0	3.0	0.0	0.0	0.0	0.0	0.0	
12	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
13	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	10.0	
14	0.0	10.0	19.0	12.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	7.0	
15	0.0	1.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
16	19.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	0.0	17.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	78.0	2.0	10.0	
18	0.0	0.0	0.0	19.0	38.0	0.0	0.0	0.0	70.0	5.0	30.0	0.0	
19	0.0	2.0	25.0	14.0	91.0	0.0	0.0	0.0	5.0	7.0	0.0	0.0	
20	0.0	30.0	7.0	0.0	30.0	0.0	63.0	1.0	0.0	45.0	0.0	3.0	
21	5.0	0.0	3.0	50.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	8.0	14.0	100.0	0.0	0.0	0.0	10.0	2.0	0.0	0.0	
23	0.0	0.0	0.0	30.0	19.0	0.0	10.0	0.0	0.0	53.0	0.0	0.0	
24	0.0	7.0	0.0	0.0	50.0	0.0	37.0	5.0	15.0	120.0	0.0	0.0	
25	8.0	0.0	0.0	0.0	28.0	0.0	0.0	15.0	7.0	14.0	0.0	0.0	
26	0.0	4.0	9.0	4.0	40.0	0.0	0.0	11.0	90.0	10.0	0.0	5.0	
27	0.0	0.0	100.0	50.0	100.0	0.0	0.0	40.0	0.0	15.0	0.0	0.0	
28	4.0	0.0	0.0	30.0	120.0	0.0	0.0	7.0	0.0	9.0	0.0	0.0	
29	0.0		4.0	100.0	80.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
30	0.0		6.0	0.0	50.0	1.0	0.0	39.0	0.0	0.0	5.0	7.0	
31	19.0		11.0		1.0		0.0	4.0		0.0		0.0	
Total	136.0	142.0	312.5	393.0	781.0	158.0	189.0	132.0	278.0	468.0	136.0	227.0	Anual 3352.5
Días LI.	13	12	14	16	15	6	7	9	10	16	12	14	

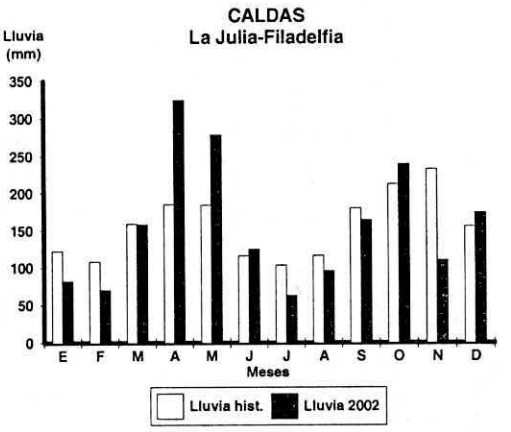
Estación : EL TABUYO
Año : 2002

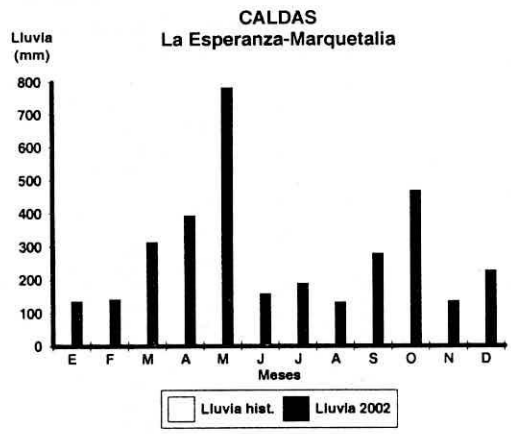
Dpto. : CALDAS
Mpio. : ANSERMA

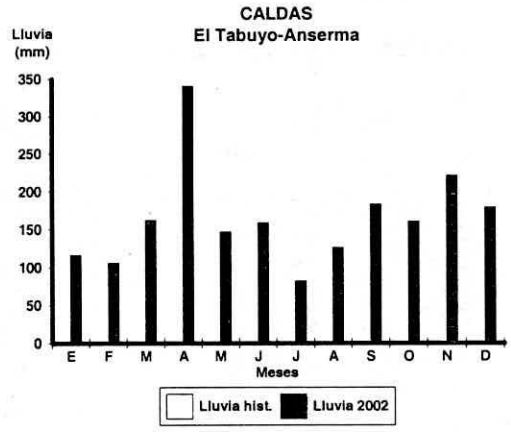
Latitud : 5 ° 15 ' N
Longitud : 75 ° 47 ' W
Altitud : 1669 m

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	16.0	0.0	0.0	0.0	
2	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	16.0	0.0	
3	0.0	12.0	2.0	4.0	0.0	45.0	0.0	0.0	2.0	0.0	61.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	4.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	10.0	18.0	0.0	0.0	0.0	12.0	0.0	
6	16.0	0.0	0.0	2.0	0.0	15.0	0.0	0.0	0.0	16.0	2.0	14.0	
7	65.0	0.0	18.0	10.0	2.0	30.0	0.0	0.0	0.0	0.0	30.0	16.0	
8	0.0	0.0	0.0	16.0	0.0	0.0	0.0	14.0	6.0	0.0	0.0	0.0	
9	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	2.0	18.0	0.0	
10	12.0	0.0	0.0	6.0	0.0	18.0	0.0	0.0	16.0	16.0	0.0	4.0	
11	0.0	0.0	4.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	2.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
14	3.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	12.0	
15	10.0	8.0	2.0	40.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	29.0	
16	0.0	0.0	2.0	0.0	0.0	10.0	0.0	0.0	0.0	4.0	0.0	60.0	
17	0.0	0.0	6.0	21.0	3.0	2.0	18.0	0.0	26.0	20.0	0.0	12.0	
18	0.0	6.0	40.0	20.0	52.0	0.0	0.0	0.0	8.0	0.0	22.0	8.0	
19	0.0	0.0	0.0	4.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
20	6.0	2.0	15.0	4.0	0.0	0.0	0.0	26.0	4.0	8.0	0.0	10.0	
21	0.0	0.0	35.0	6.0	10.0	0.0	2.0	12.0	0.0	12.0	0.0	0.0	
22	0.0	6.0	0.0	4.0	0.0	0.0	0.0	6.0	0.0	28.0	0.0	0.0	
23	0.0	0.0	0.0	6.0	16.0	0.0	30.0	0.0	0.0	12.0	0.0	0.0	
24	0.0	0.0	12.0	75.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	4.0	
25	0.0	20.0	0.0	10.0	24.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	
26	0.0	20.0	0.0	10.0	0.0	0.0	0.0	46.0	0.0	30.0	0.0	0.0	
27	0.0	22.0	0.0	30.0	28.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	
28	4.0	0.0	6.0	38.0	0.0	0.0	0.0	16.0	0.0	10.0	42.0	0.0	
29	0.0		0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	
30	0.0		0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		4.0		0.0		0.0	0.0		0.0		0.0	
Total	116.0	106.0	162.0	340.0	147.0	159.0	82.0	126.0	183.0	160.0	221.0	179.0	Anual 1981.0
Días LI.	7	9	16	22	9	9	6	7	11	12	10	11	


CALDAS
La Pastorita-Victoria
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 2002


CALDAS
La Julia-Filadelfia
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 2002


CALDAS
La Esperanza-Marquetalia
Lluvia (mm)
800
700
600
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
El Tabuyo-Anserma
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 2002

Estación : EL SILENCIO
Año : 2002

Dpto. : CALDAS
Mpio. : ARANZAZU

Latitud : 5 ° 15 ' N
Longitud : 75 ° 31 ' W
Altitud : 1694 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1		0.0	0.0	0.0	6.0	10.0	0.0	0.0	5.0		5.0	0.0	
2		0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.0		0.0	0.0	
3		0.0	5.0	18.0	10.0	6.0	0.0	0.0	5.0		4.0	0.0	
4		0.0	0.0	10.0	11.0	4.0	35.0	0.0	0.0		20.0	0.0	
5		0.0	0.0	10.0	0.0	3.0	20.0	0.0	0.0		10.0	0.0	
6		0.0	0.0	13.0	0.0	5.0	0.0	0.0	0.0		25.0	11.0	
7		0.0	5.0	9.0	3.0	10.0	0.0	1.0	0.0		26.0	19.0	
8		0.0	0.0	15.0	0.0	3.0	0.0	2.0	0.0		0.0	18.0	
9		5.0	0.0	6.0	5.0	9.0	0.0	0.0	0.0		0.0	0.0	
10		0.0	0.0	5.0	4.0	31.0	0.0	0.0	0.0		0.0	0.0	
11		0.0	3.0	10.0	1.0	0.0	0.0	0.0	0.0		0.0	0.0	
12		8.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	
13		10.0	2.0	0.0	0.0	0.0	0.0	0.0	14.0		6.0	30.0	
14		2.0	20.0	0.0	0.0	3.0	0.0	0.0	14.0		4.0	50.0	
15		0.0	10.0	10.0	8.0	2.0	6.0	0.0	0.0		3.0	61.0	
16		0.0	10.0	0.0	12.0	0.0	3.0	0.0	0.0		0.0	29.0	
17		0.0	0.0	0.0	32.0	0.0	10.0	0.0	5.0		11.0	0.0	
18		5.0	8.0	0.0	16.0	0.0	0.0	0.0	0.0		6.0	3.0	
19		0.0	3.0	15.0	0.0	0.0	6.0	0.0	0.0		0.0	11.0	
20		0.0	10.0	0.0	22.0	0.0	5.0	0.0	15.0		0.0	16.0	
21		0.0	20.0	0.0	0.0	0.0	0.0	0.0	5.0		0.0	0.0	
22		0.0	31.0	11.0	6.0	0.0	0.0	0.0	0.0		0.0	0.0	
23		0.0	0.0	29.0	15.0	0.0	0.0	0.0	0.0		0.0	0.0	
24		3.0	2.0	80.0	54.0	0.0	0.0	0.0	20.0		0.0	0.0	
25		0.0	3.0	25.0	26.0	0.0	0.0	0.0	23.0		0.0	0.0	
26		1.0	0.0	3.0	10.0	0.0	0.0	12.0	10.0		0.0	0.0	
27		0.0	25.0	7.0	9.0	0.0	1.0	0.0	11.0		0.0	0.0	
28		0.0	15.0	9.0	15.0	0.0	0.0	105.0	21.0		15.0	0.0	
29			10.0	6.0	16.0	0.0	0.0	0.0	0.0		0.0	0.0	
30			10.0	4.0	10.0	0.0	0.0	0.0	0.0		0.0	0.0	
31			20.0		3.0		7.0	0.0				0.0	
Total		34.0	217.0	295.0	294.0	88.0	93.0	120.0	151.0		135.0	248.0	Anual
Días LI.		7	20	20	22	12	9	4	13		12	10	

Estación : EL MIRADOR
Año : 2002

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	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	21.0	0.0	10.0	0.0	
2	0.0	5.0	0.0	0.0	0.0	5.0	0.0	3.0	2.0	0.0	9.0	0.0	
3	0.0	0.0	0.0	7.0	35.0	17.0	0.0	0.0	5.0	0.0	2.0	0.0	
4	0.0	0.0	3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	18.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	28.0	28.0	0.0	0.0	0.0	15.0	5.0	
6	10.0	0.0	0.0	10.0	0.0	16.0	0.0	0.0	0.0	5.0	2.0	0.0	
7	49.0	0.0	0.0	10.0	0.0	26.0	0.0	0.0	0.0	15.0	15.0	0.0	
8	0.0	0.0	0.0	34.0	0.0	13.0	0.0	0.0	0.0	7.0	10.0	19.0	
9	35.0	0.0	0.0	6.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	31.0	0.0	0.0	
11	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	7.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	10.0	10.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	3.0	16.0	0.0	
14	0.0	0.0	10.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	
15	0.0	0.0	0.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	18.0	0.0	19.0	
17	0.0	0.0	5.0	13.0	26.0	10.0	0.0	0.0	3.0	4.0	0.0	39.0	
18	0.0	0.0	14.0	0.0	11.0	0.0	4.0	0.0	8.0	0.0	5.0	16.0	
19	0.0	0.0	0.0	6.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	30.0	4.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	14.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	50.0	0.0	28.0	6.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
23	0.0	0.0	0.0	15.0	2.0	0.0	0.0	0.0	2.0	18.0	0.0	0.0	
24	0.0	0.0	0.0	40.0	79.0	0.0	0.0	0.0	17.0	12.0	0.0	0.0	
25	0.0	0.0	0.0	10.0	55.0	0.0	0.0	0.0	43.0	18.0	0.0	0.0	
26	0.0	10.0	10.0	41.0	5.0	0.0	0.0	34.0	12.0	50.0	0.0	0.0	
27	0.0	5.0	11.0	12.0	7.0	0.0	0.0	0.0	22.0	17.0	0.0	0.0	
28	0.0	0.0	32.0	30.0	2.0	0.0	0.0	90.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	7.0	2.0	0.0	0.0	2.0	0.0	25.0	0.0	28.0	
30	0.0		0.0	0.0	5.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
31	3.0		0.0		4.0		0.0	0.0		8.0		0.0	
Total	114.0	107.0	85.0	334.0	263.0	137.0	42.0	129.0	140.0	254.0	102.0	168.0	Anual 1875.0
Días LI.	6	7	7	20	17	10	4	4	11	17	10	7	

Estación : EL BRISAL
Año : 2002

Dpto. : CALDAS
Mpio. : MANZANARES

Latitud : 5 ° 13 ' N
Longitud : 75 ° 6 ' W
Altitud : 1390 m

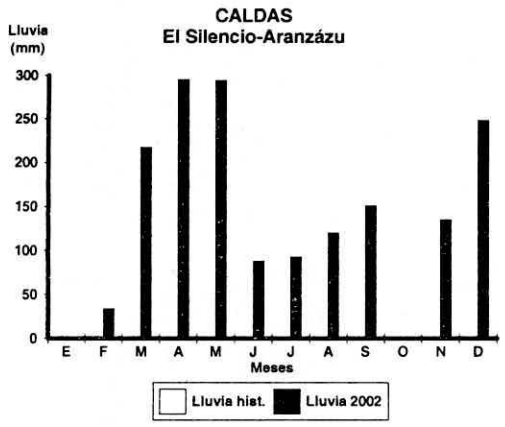
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	9.0					0.0		0.0	0.0	0.0	0.0	0.0	
2	29.0					0.0		0.0	0.0	4.0	0.0	4.0	
3	0.0					0.0		0.0	0.0	0.0	0.0	0.0	
4	0.0					0.0		0.0	0.0	0.0	0.0	0.0	
5	0.0					0.0		41.0	0.0	0.0	6.0	0.0	
6	18.0					0.0		0.0	0.0	0.0	0.0	0.0	
7	30.0					45.0		0.0	0.0	0.0	0.0	18.0	
8	12.0					110.0		0.0	0.0	0.0	18.0	0.0	
9	24.0					0.0		0.0	12.0	12.0	22.0	0.0	
10	0.0					0.0		0.0	0.0	22.0	0.0	0.0	
11	15.0					10.0		0.0	0.0	0.0	0.0	0.0	
12	10.0					1.0		0.0	0.0	0.0	0.0	0.0	
13	18.0					0.0		0.0	0.0	11.0	0.0	0.0	
14	20.0					0.0		0.0	0.0	0.0	16.0	0.0	
15	5.0					0.0		0.0	0.0	23.0	22.0	21.0	
16	0.0					0.0		40.0	0.0	28.0	23.0	0.0	
17	0.0					20.0		53.0	0.0	15.0	0.0	0.0	
18	0.0					0.0		0.0	0.0	39.0	0.0	0.0	
19	20.0					0.0		0.0	0.0	26.0	28.0	0.0	
20	15.0					0.0		47.0	0.0	16.0	0.0	16.0	
21	0.0					0.0		0.0	0.0	14.0	16.0	12.0	
22	0.0					0.0		0.0	0.0	0.0	45.0	0.0	
23	0.0					0.0		8.0	0.0	0.0	65.0	0.0	
24	0.0					0.0		0.0	0.0	22.0	22.0	18.0	
25	0.0					0.0		0.0	25.0	31.0	0.0	0.0	
26	0.0					0.0		0.0	15.0	95.0	30.0	23.0	
27	0.0					0.0		0.0	10.0	20.0	70.0	15.0	
28	0.0					0.0		0.0	19.0	0.0	65.0	0.0	
29	0.0					14.0		0.0	0.0	0.0	0.0	0.0	
30	0.0					0.0		0.0	5.0	20.0	0.0	0.0	
31	0.0							0.0		0.0		0.0	
Total	225.0					200.0		189.0	86.0	398.0	448.0	127.0	Anual
Días LI.	13					6		5	6	16	14	8	

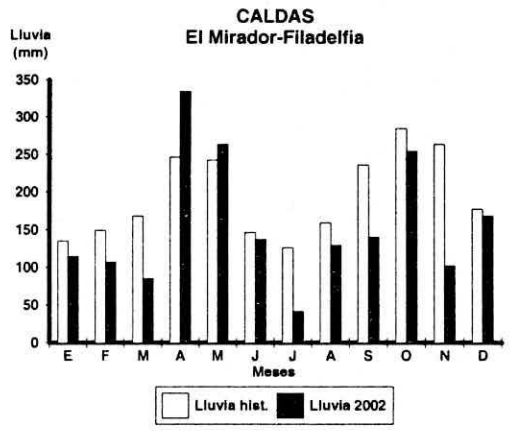
Estación : SANTA FE
Año : 2002

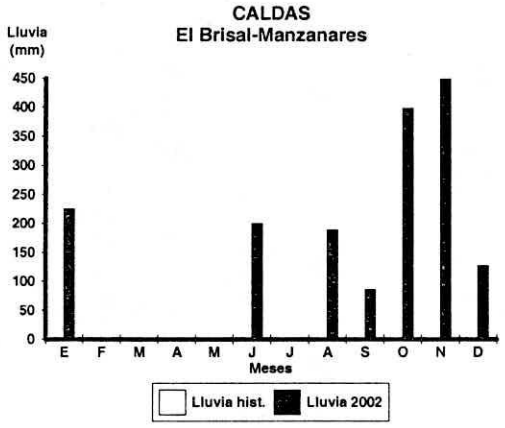
Dpto. : CALDAS
Mpio. : ANSERMA

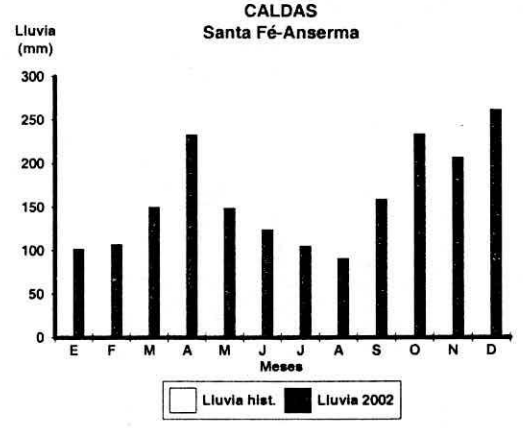
Latitud : 5 ° 11 ' N
Longitud : 75 ° 47 ' W
Altitud : 1410 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	10.0	1.0	35.0	0.0	0.0	16.0	0.0	5.0	25.0	
2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	6.0	0.0	
3	0.0	3.0	0.0	2.0	1.0	10.0	0.0	0.0	6.0	0.0	47.0	0.0	
4	0.0	0.0	7.0	0.0	0.0	25.0	0.0	3.0	0.0	0.0	3.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	11.0	4.0	0.0	0.0	0.0	27.0	5.0	
6	20.0	0.0	0.0	0.0	0.0	15.0	19.0	0.0	0.0	4.0	30.0	17.0	
7	30.0	0.0	3.0	10.0	4.0	0.0	2.0	0.0	0.0	0.0	42.0	15.0	
8	0.0	1.0	0.0	28.0	0.0	9.0	0.0	19.0	0.0	14.0	7.0	13.0	
9	0.0	0.0	4.0	0.0	0.0	4.0	0.0	0.0	0.0	2.0	10.0	0.0	
10	0.0	3.0	0.0	2.0	1.0	0.0	5.0	0.0	9.0	25.0	0.0	0.0	
11	1.0	0.0	20.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
14	9.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	2.0	20.0	
15	0.0	22.0	0.0	6.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	
16	0.0	0.0	14.0	3.0	0.0	0.0	0.0	0.0	0.0	15.0	10.0	41.0	
17	0.0	0.0	0.0	29.0	17.0	8.0	44.0	0.0	30.0	29.0	0.0	30.0	
18	0.0	14.0	30.0	4.0	31.0	0.0	0.0	0.0	6.0	0.0	3.0	6.0	
19	0.0	0.0	0.0	8.0	3.0	0.0	0.0	0.0	16.0	20.0	0.0	4.0	
20	30.0	0.0	10.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	
21	3.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
22	0.0	18.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	
23	0.0	0.0	0.0	10.0	6.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	11.0	52.0	1.0	0.0	0.0	0.0	40.0	28.0	0.0	0.0	
25	0.0	0.0	0.0	10.0	10.0	0.0	0.0	2.0	2.0	5.0	0.0	0.0	
26	0.0	38.0	0.0	6.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	
27	0.0	8.0	0.0	19.0	34.0	0.0	0.0	45.0	28.0	20.0	0.0	0.0	
28	0.0	0.0	2.0	20.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	
29	5.0		0.0	2.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0	
30	0.0		0.0	5.0	0.0	0.0	1.0	2.0	0.0	1.0	0.0	0.0	
31	0.0		2.0		0.0		0.0	0.0		2.0		0.0	
Total	102.0	107.0	150.0	233.0	149.0	124.0	105.0	91.0	159.0	234.0	207.0	262.0	Anual 1923.0
Días LI.	8	8	13	20	14	10	7	6	11	16	15	12	


CALDAS
El Silencio-Aranzázu
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 2002


CALDAS
El Mirador-Filadelfia
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 2002


CALDAS
El Brisal-Manzanares
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
Santa Fé-Anserma
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 2002

Estación : PIAMONTE
Año : 2002

Dpto. : CALDAS
Mpio. : NEIRA

Latitud : 5 ° 11 ' N
Longitud : 75 ° 31 ' W
Altitud : 1625 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	12.0	0.0	12.0	0.0	0.0	25.0	0.0	18.0	0.0	
2	0.0	2.0	0.0	4.0	0.0	8.0	0.0	0.0	4.0	0.0	36.0	0.0	
3	0.0	1.0	0.0	9.0	9.0	15.0	0.0	2.0	4.0	0.0	2.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	5.0	1.0	0.0	0.0	0.0	7.0	0.0	
5	0.0	0.0	0.0	1.0	0.0	45.0	30.0	0.0	0.0	0.0	15.0	2.0	
6	32.0	0.0	0.0	7.0	7.0	12.0	3.0	0.0	0.0	1.0	2.0	9.0	
7	50.0	13.0	18.0	5.0	0.0	1.0	0.0	0.0	0.0	22.0	10.0	1.0	
8	17.0	2.0	0.0	14.0	1.0	15.0	0.0	2.0	0.0	0.0	10.0	10.0	
9	8.0	7.0	0.0	6.0	6.0	0.0	0.0	0.0	0.0	26.0	3.0	0.0	
10	2.0	6.0	0.0	0.0	7.0	29.0	0.0	0.0	0.0	7.0	0.0	0.0	
11	0.0	7.0	10.0	3.0	0.0	1.0	2.0	0.0	0.0	1.0	0.0	0.0	
12	35.0	0.0	7.0	20.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	0.0	
13	23.0	0.0	16.0	0.0	0.0	3.0	0.0	0.0	0.0	1.0	3.0	0.0	
14	2.0	24.0	4.0	2.0	0.0	1.0	0.0	0.0	1.0	15.0	3.0	20.0	
15	2.0	0.0	2.0	6.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	15.0	
16	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	34.0	
17	0.0	0.0	0.0	1.0	8.0	3.0	5.0	0.0	3.0	1.0	1.0	32.0	
18	0.0	2.0	3.0	11.0	14.0	0.0	1.0	0.0	13.0	2.0	9.0	4.0	
19	0.0	0.0	7.0	18.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	7.0	
20	0.0	0.0	5.0	10.0	3.0	0.0	6.0	0.0	0.0	8.0	0.0	6.0	
21	13.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
22	20.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
23	0.0	0.0	0.0	6.0	0.0	0.0	0.0	2.0	4.0	13.0	0.0	0.0	
24	0.0	0.0	4.0	59.0	10.0	0.0	2.0	0.0	14.0	5.0	0.0	0.0	
25	0.0	0.0	0.0	12.0	51.0	0.0	1.0	0.0	52.0	4.0	0.0	1.0	
26	0.0	4.0	0.0	22.0	1.0	0.0	0.0	20.0	8.0	10.0	0.0	0.0	
27	0.0	2.0	3.0	6.0	59.0	0.0	0.0	2.0	29.0	1.0	0.0	0.0	
28	0.0	0.0	25.0	13.0	2.0	0.0	0.0	60.0	1.0	3.0	0.0	0.0	
29	0.0		0.0	21.0	6.0	0.0	0.0	9.0	0.0	28.0	0.0	2.0	
30	0.0		0.0	2.0	7.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
31	0.0		3.0		3.0		0.0	0.0		4.0		0.0	
Total	204.0	75.0	129.0	270.0	199.0	152.0	52.0	97.0	161.0	169.0	119.0	143.0	Anual 1770.0
Días Ll.	11	12	15	24	17	14	10	7	14	23	13	13	

Estación : LA JULIANA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 8 ' N
Longitud : 75 ° 29 ' W
Altitud : 1785 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	7.0	0.0	0.0	5.0	0.0	29.0	0.0	
2	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	7.0	0.0	11.0	0.0	
3	0.0	0.0	0.0	9.0	5.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	14.0	0.0	
5	0.0	1.0	0.0	0.0	0.0	26.0	26.0	0.0	0.0	0.0	0.0	3.0	
6	33.0	0.0	3.0	12.0	0.0	20.0	0.0	0.0	0.0	0.0	8.0	0.0	
7	18.0	23.0	10.0	10.0	14.0	0.0	0.0	0.0	0.0	7.0	6.0	2.0	
8	77.0	0.0	0.0	19.0	0.0	17.0	0.0	0.0	0.0	0.0	2.0	5.0	
9	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	2.0	0.0	0.0	
10	0.0	2.0	0.0	0.0	4.0	4.0	0.0	0.0	0.0	11.0	0.0	0.0	
11	0.0	4.0	9.0	19.0	5.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
12	15.0	0.0	0.0	68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	21.0	0.0	12.0	0.0	0.0	1.0	0.0	0.0	0.0	10.0	3.0	0.0	
14	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	25.0	
15	0.0	0.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	12.0	
16	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	37.0	
17	0.0	0.0	0.0	7.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	15.0	
18	0.0	2.0	2.0	40.0	36.0	0.0	1.0	0.0	8.0	4.0	0.0	0.0	
19	0.0	0.0	14.0	10.0	0.0	0.0	0.0	0.0	0.0	6.0	2.0	0.0	
20	0.0	0.0	36.0	10.0	9.0	0.0	4.0	0.0	0.0	10.0	0.0	7.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	
22	1.0	4.0	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	4.0	2.0	0.0	0.0	0.0	5.0	0.0	8.0	0.0	0.0	
24	0.0	0.0	3.0	77.0	3.0	0.0	0.0	0.0	7.0	2.0	0.0	0.0	
25	0.0	0.0	0.0	14.0	46.0	0.0	1.0	0.0	43.0	0.0	0.0	0.0	
26	0.0	27.0	0.0	2.0	0.0	0.0	0.0	12.0	0.0	14.0	0.0	0.0	
27	7.0	0.0	2.0	5.0	30.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	
28	0.0	0.0	10.0	20.0	0.0	0.0	0.0	12.0	2.0	0.0	0.0	0.0	
29	0.0		0.0	2.0	2.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	
30	0.0		0.0	4.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		1.0		0.0	0.0		0.0		0.0	
Total	185.0	65.0	119.0	337.0	168.0	82.0	38.0	29.0	92.0	128.0	77.0	106.0	Anual 1426.0
Días Ll.	9	8	13	20	14	8	6	3	8	16	9	8	

Estación : SANTA TERESA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 7 'N
Longitud : 75 ° 32 'W
Altitud : 1800 m

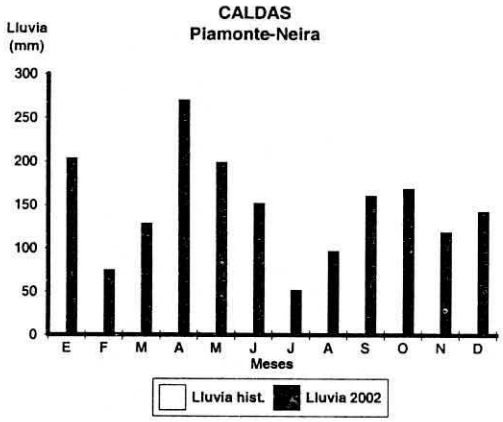
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	.3	0.0	0.0	3.8	0.0	34.2	0.0	1.1	11.3	0.0	38.0	0.0	
2	0.0	22.0	0.0	3.1	4.2	5.6	0.0	3.0	0.0	0.0	7.0	0.0	
3	0.0	7.0	0.0	3.1	3.8	5.6	1.2	0.0	3.8	0.0	17.4	.7	
4	0.0	0.0	.6	0.0	0.0	2.6	0.0	0.0	0.0	0.0	45.0	0.0	
5	0.0	.4	0.0	0.0	0.0	13.1	21.3	0.0	0.0	0.0	48.0	2.6	
6	41.0	0.0	0.0	17.0	0.0	16.0	.5	0.0	0.0	0.0	.7	.5	
7	31.0	5.1	4.1	2.5	6.3	.2	0.0	0.0	0.0	53.0	12.1	2.0	
8	5.6	6.1	0.0	12.5	0.0	14.7	0.0	0.0	0.0	0.0	1.1	4.8	
9	2.7	1.6	0.0	2.8	0.0	1.3	0.0	0.0	.1	3.8	1.6	.6	
10	0.0	1.1	0.0	.6	.9	8.2	.7	0.0	3.2	12.8	0.0	0.0	
11	0.0	8.5	9.7	.2	2.2	2.0	0.0	0.0	2.8	2.0	0.0	2.0	
12	0.0	0.0	1.6	18.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	21.6	0.0	19.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	80.0	2.5	
14	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	3.3	34.0	.1	9.5	
15	0.0	0.0	.7	7.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	28.5	
16	0.0	0.0	8.6	0.0	0.0	2.0	18.8	0.0	0.0	23.0	0.0	51.0	
17	0.0	0.0	0.0	.2	29.0	2.3	21.8	0.0	.7	.4	.7	19.0	
18	0.0	2.6	3.0	9.0	43.0	0.0	.3	0.0	1.5	.5	4.7	0.0	
19	0.0	0.0	4.5	27.8	0.0	0.0	1.0	0.0	0.0	3.8	0.0	0.0	
20	0.0	0.0	2.4	11.3	3.7	0.0	2.9	0.0	0.0	4.4	0.0	3.3	
21	.3	0.0	24.0	0.0	6.0	0.0	0.0	0.0	0.0	4.9	1.2	0.0	
22	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	1.4	0.0	0.0	
23	0.0	0.0	0.0	8.5	.4	.3	1.4	.6	0.0	9.4	0.0	0.0	
24	0.0	0.0	2.2	47.0	4.6	0.0	3.2	0.0	5.7	1.4	0.0	0.0	
25	0.0	0.0	0.0	11.7	38.0	.2	.3	0.0	56.0	.7	0.0	0.0	
26	0.0	5.6	.4	10.8	.5	0.0	0.0	9.0	0.0	19.6	0.0	0.0	
27	0.0	.4	12.8	4.7	69.0	0.0	0.0	1.0	42.0	13.4	0.0	0.0	
28	0.0	0.0	15.8	20.6	.4	0.0	0.0	54.0	.5	12.8	1.2	0.0	
29	.3		0.0	1.2	2.7	1.1	0.0	1.8	0.0	52.0	2.3	0.0	
30	.6		0.0	0.0	2.7	0.0	0.0	.4	0.0	.3	2.0	0.0	
31	.6		1.8		.7		.5	1.0		29.0		0.0	
Total	104.0	60.4	111.2	224.5	219.7	112.0	73.9	71.9	130.9	283.7	263.1	127.0	Anual 1782.3
Días Ll.	10	11	16	23	19	18	13	9	12	22	17	13	

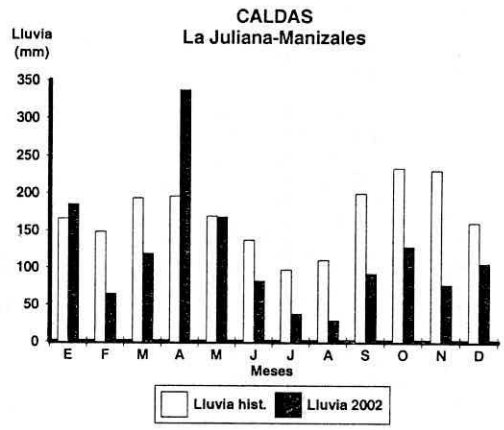
Estación : LA SELVA
Año : 2002

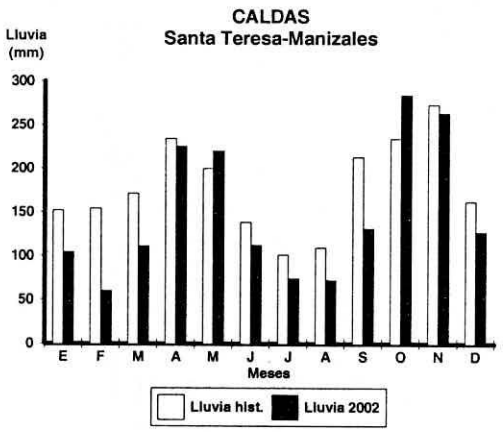
Dpto. : CALDAS
Mpio. : MANIZALES

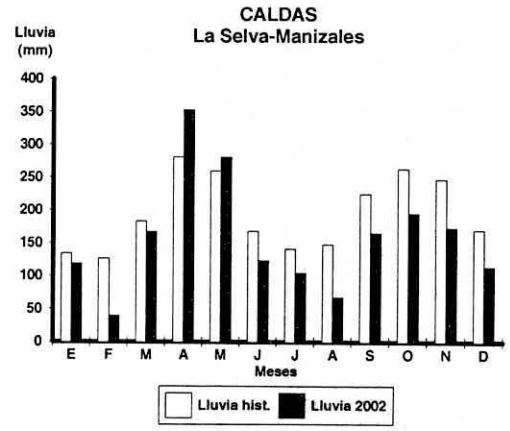
Latitud : 5 ° 7 'N
Longitud : 75 ° 36 'W
Altitud : 1350 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	16.0	0.0	0.0	3.0	0.0	27.0	0.0	0.0	11.0	0.0	10.0	0.0	
2	0.0	13.0	0.0	12.0	19.0	3.0	0.0	0.0	0.0	0.0	16.0	0.0	
3	0.0	0.0	0.0	3.0	0.0	7.0	18.0	0.0	10.0	0.0	3.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	10.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	15.0	29.0	0.0	0.0	0.0	55.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	3.0	0.0	
7	48.0	3.0	0.0	45.0	11.0	0.0	0.0	0.0	0.0	7.0	23.0	0.0	
8	18.0	15.0	0.0	25.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	30.0	
9	22.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	5.0	16.0	0.0	4.0	
11	0.0	0.0	5.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	7.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
14	0.0	0.0	5.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	18.0	10.0	
15	0.0	4.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
16	0.0	0.0	29.0	0.0	0.0	2.0	8.0	0.0	3.0	35.0	0.0	13.0	
17	0.0	0.0	0.0	2.0	12.0	4.0	15.0	0.0	0.0	25.0	0.0	9.0	
18	0.0	0.0	40.0	9.0	60.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	
19	0.0	0.0	4.0	12.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	
20	0.0	0.0	0.0	46.0	25.0	0.0	2.0	0.0	0.0	3.0	0.0	18.0	
21	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	28.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	20.0	3.0	0.0	5.0	3.0	0.0	12.0	0.0	0.0	
24	0.0	0.0	13.0	68.0	30.0	0.0	25.0	4.0	0.0	5.0	0.0	0.0	
25	0.0	0.0	0.0	12.0	60.0	0.0	0.0	0.0	12.0	3.0	0.0	0.0	
26	0.0	4.0	0.0	43.0	0.0	0.0	0.0	25.0	40.0	16.0	0.0	0.0	
27	0.0	0.0	3.0	6.0	45.0	0.0	0.0	3.0	17.0	0.0	12.0	0.0	
28	0.0	0.0	13.0	4.0	0.0	2.0	0.0	33.0	32.0	7.0	0.0	0.0	
29	0.0		0.0	3.0	12.0	3.0	0.0	0.0	0.0	38.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0	
31	7.0		29.0		0.0		0.0	0.0		5.0		0.0	
Total	118.0	39.0	167.0	353.0	281.0	123.0	105.0	68.0	165.0	195.0	173.0	114.0	Anual 1901.0
Días Ll.	6	5	11	20	11	14	8	5	9	13	11	7	


CALDAS
Piamonte-Neira
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 2002


CALDAS
La Juliana-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 2002


CALDAS
Santa Teresa-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 2002


CALDAS
La Selva-Manizales
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : SAN LUCAS
Año : 2002

Dpto. : CALDAS
Mpio. : RISARALDA

Latitud : 5 ° 7 'N
Longitud : 75 ° 45 'W
Altitud : 1105 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	5.0	0.0	45.0	0.0	0.0	22.0				
2	19.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0				
3	0.0	0.0	0.0	0.0	2.0	12.0	0.0	0.0	7.0				
4	0.0	0.0	10.0	38.0	0.0	45.0	0.0	0.0	0.0				
5	4.0	0.0	0.0	0.0	0.0	13.0	56.0	0.0	0.0				
6	0.0	0.0	0.0	2.0	0.0	15.0	0.0	0.0	0.0				
7	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0				
8	0.0	0.0	0.0	42.0	0.0	16.0	0.0	18.0	0.0				
9	11.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0				
10	0.0	4.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0				
11	0.0	0.0	0.0	0.0	0.0	13.0	14.0	0.0	0.0				
12	9.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0				
13	0.0	0.0	0.0	0.0	8.0	2.0	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				
15	1.0	0.0	0.0	3.0	0.0	0.0	8.0	0.0	0.0				
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
17	0.0	0.0	3.0	4.0	0.0	3.0	28.0	0.0	75.0				
18	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0				
19	0.0	0.0	0.0	0.0	14.0	2.0	0.0	0.0	0.0				
20	12.0	0.0	0.0	8.0	16.0	0.0	0.0	0.0	0.0				
21	0.0	3.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0				
22	0.0	22.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0				
23	0.0	0.0	0.0	55.0	11.0	0.0	0.0	0.0	0.0				
24	0.0	0.0	28.0	0.0	49.0	0.0	20.0	23.0	0.0				
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	32.0				
26	0.0	1.0	10.0	4.0	0.0	0.0	0.0	1.0	0.0				
27	0.0	2.0	0.0	0.0	62.0	0.0	0.0	0.0	26.0				
28	0.0	0.0	0.0	4.0	0.0	25.0	0.0	32.0	0.0				
29	5.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0				
30	0.0		0.0	0.0	2.0	0.0	0.0	0.0	0.0				
31	0.0		0.0		0.0		0.0	0.0					
Total	64.0	82.0	85.0	187.0	190.0	201.0	126.0	89.0	171.0				Anual
Días LI.	8	6	6	11	11	12	5	5	7				

Estación : LAS COLINAS
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 6 'N
Longitud : 75 ° 34 'W
Altitud : 1450 m

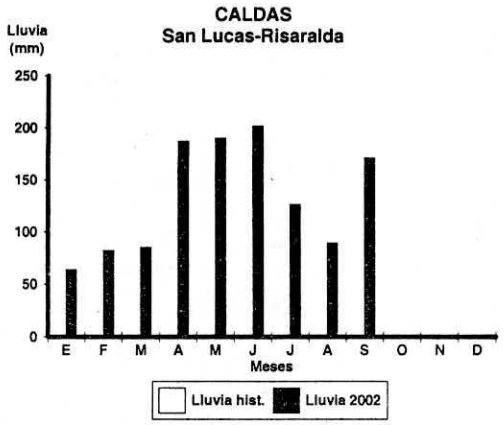
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	4.1	1.9	31.4	0.0	0.0	0.0	0.0	10.3	0.0	
2	0.0	26.8	0.0	0.0	0.0	6.2	31.4	0.0	7.4	0.0	3.2	0.0	
3	0.0	0.0	0.0	2.1	0.0	6.3	0.0	1.3	0.0	0.0	21.6	0.0	
4	0.0	0.0	3.8	0.0	0.0	18.5	41.1	0.0	0.0	0.0	52.9	0.0	
5	0.0	0.0	1.0	0.0	0.0	12.1	0.0	0.0	0.0	1.2	4.2	1.1	
6	9.9	0.0	0.0	7.1	22.6	0.0	0.0	0.0	0.0	6.8	29.7	0.0	
7	75.5	2.1	0.0	5.2	11.2	0.0	0.0	13.2	0.0	14.9	0.0	6.2	
8	50.4	5.4	0.0	17.3	0.0	12.1	0.0	0.0	0.0	0.0	3.1	0.0	
9	9.5	0.0	0.0	1.1	0.0	31.8	6.8	0.0	0.0	0.0	0.0	15.5	
10	0.0	3.1	12.4	14.5	0.0	4.9	0.0	0.0	0.0	3.0	0.0	0.0	
11	1.4	1.6	9.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	
12	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.6	0.0	
13	0.0	0.0	19.3	0.0	0.0	0.0	0.0	0.0	3.0	6.3	0.0	72.1	
14	0.0	0.0	2.2	5.6	0.0	0.0	0.0	0.0	0.0	5.7	0.0	38.1	
15	0.0	0.0	0.0	0.0	0.0	5.4	43.9	0.0	2.5	54.6	0.0	17.8	
16	0.0	0.0	11.0	9.2	8.5	4.9	31.0	0.0	13.9	3.5	0.0	10.5	
17	0.0	1.6	0.0	0.0	48.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	18.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	8.9	79.6	14.5	0.0	3.0	0.0	0.0	2.1	0.0	22.5	
20	0.0	0.0	0.0	2.9	4.0	0.0	0.0	0.0	0.0	1.4	3.6	0.0	
21	4.6	0.0	37.7	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	31.5	1.2	0.0	0.0	4.8	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	76.5	8.9	0.0	4.1	0.0	36.5	13.0	0.0	0.0	
24	0.0	0.0	0.0	9.6	46.8	0.0	0.0	0.0	41.1	6.4	0.0	0.0	
25	0.0	2.6	2.0	36.5	38.5	0.0	0.0	6.9	2.9	16.9	0.0	0.0	
26	0.0	0.0	2.7	17.4	0.0	0.0	0.0	1.0	56.6	0.0	0.0	0.0	
27	0.0	0.0	9.1	12.6	0.0	1.2	0.0	62.4	0.0	5.1	0.0	0.0	
28	0.0	0.0	7.2	0.0	1.6	0.0	0.0	3.8	0.0	61.1	1.0	0.0	
29	1.2		0.0	4.4	5.4	0.0	0.0	0.0	0.0	6.9	4.3	0.0	
30	0.0		0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	12.8		2.6		5.8		0.0	10.0		35.4		0.0	
Total	189.7	43.2	147.8	343.2	228.5	136.2	161.3	103.4	163.9	244.3	190.5	183.8	Anual 2135.8
Días LI.	9	7	15	19	16	12	7	8	8	17	11	8	

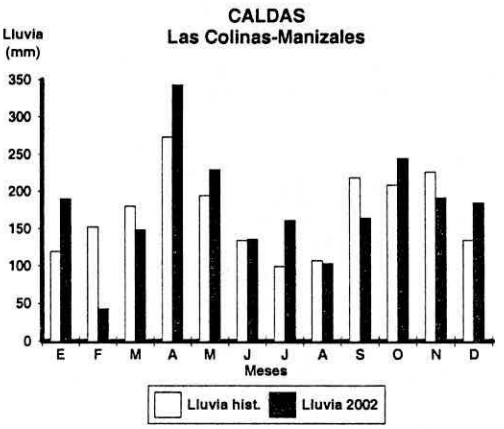
Estación : LA ESMERALDA Dpto. : CALDAS Latitud : 5 ° 5 ' N
Año : 2002 Mpio. : VITERBO Longitud : 75 ° 54 ' W
Altitud : 1365 m

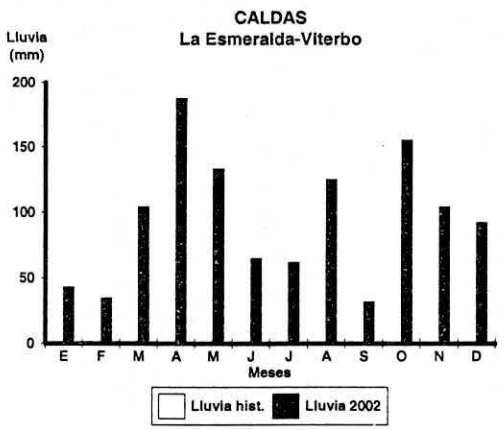
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	12.0	0.0	0.0	3.0	0.0	8.0	0.0	0.0	5.0	7.0	0.0	10.0	
2	0.0	7.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	50.0	10.0	3.0	
3	7.0	1.0	0.0	14.0	4.0	1.0	0.0	0.0	0.0	0.0	8.0	6.0	
4	3.0	0.0	5.0	0.0	0.0	3.0	15.0	0.0	0.0	0.0	6.0	3.0	
5	4.0	0.0	0.0	0.0	4.0	10.0	9.0	0.0	0.0	0.0	20.0	1.0	
6	0.0	0.0	0.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	4.0	
7	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
8	2.0	0.0	0.0	43.0	0.0	6.0	4.0	27.0	0.0	0.0	7.0	2.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
10	0.0	0.0	0.0	2.0	0.0	3.0	0.0	0.0	0.0	5.0	0.0	7.0	
11	0.0	1.0	3.0	0.0	0.0	2.0	8.0	0.0	0.0	0.0	0.0	9.0	
12	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	5.0	
13	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
14	3.0	0.0	4.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	11.0	
15	4.0	0.0	0.0	4.0	8.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0	10.0	8.0	
17	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	16.0	0.0	2.0	
18	0.0	0.0	0.0	5.0	32.0	0.0	0.0	0.0	9.0	0.0	6.0	6.0	
19	0.0	12.0	0.0	3.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	5.0	10.0	0.0	1.0	10.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
21	0.0	0.0	40.0	0.0	3.0	0.0	0.0	0.0	0.0	2.0	0.0	1.0	
22	0.0	1.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	10.0	
23	0.0	0.0	0.0	6.0	0.0	0.0	0.0	30.0	7.0	8.0	0.0	0.0	
24	0.0	0.0	6.0	31.0	32.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	5.0	0.0	0.0	0.0	8.0	5.0	6.0	20.0	0.0	
26	0.0	2.0	0.0	1.0	0.0	0.0	0.0	16.0	0.0	15.0	0.0	0.0	
27	0.0	0.0	0.0	7.0	12.0	0.0	0.0	32.0	0.0	1.0	0.0	0.0	
28	0.0	1.0	0.0	6.0	1.0	18.0	0.0	8.0	0.0	2.0	0.0	0.0	
29	3.0		30.0	40.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	
30	0.0		0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		1.0		0.0	4.0		0.0		0.0	
Total	43.0	35.0	104.0	187.0	133.0	65.0	62.0	125.0	32.0	155.0	104.0	92.0	Anual 1137.0
Días LI.	9	8	8	19	15	10	6	7	6	15	11	17	

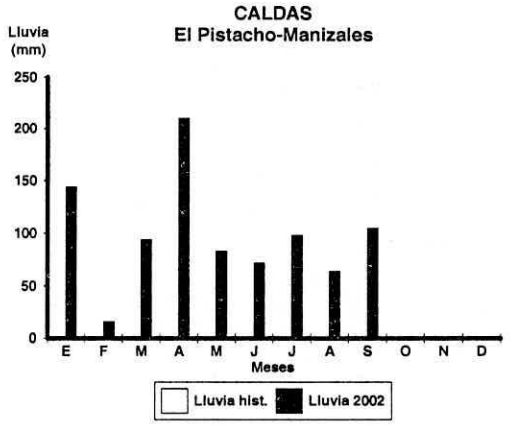
Estación : EL PISTACHO Dpto. : CALDAS Latitud : 5 ° 4 ' N
Año : 2002 Mpio. : MANIZALES Longitud : 75 ° 33 ' W
Altitud : 1582 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	5.0	0.0	0.0	3.5	1.5	11.0	0.0	0.0	8.5				
2	0.0	5.0	0.0	0.0	0.0	.5	0.0	0.0	0.0				
3	0.0	0.0	10.0	1.0	0.0	2.0	11.5	.5	4.0				
4	0.0	0.0	0.0	0.0	0.0	5.0	0.0	1.0	0.0				
5	0.0	0.0	1.0	0.0	0.0	8.0	36.0	0.0	0.0				
6	59.0	0.0	0.0	3.0	1.0	9.0	.5	0.0	0.0				
7	30.5	2.5	0.0	2.5	19.5	0.0	0.0	0.0	0.0				
8	15.5	5.5	0.0	8.5	0.0	7.0	0.0	3.0	0.0				
9	0.0	0.0	0.0	.5	0.0	0.0	0.0	0.0	0.0				
10	0.0	.5	0.0	3.0	0.0	17.0	2.5	0.0	0.0				
11	0.0	0.0	11.5	.5	0.0	5.0	.5	0.0	0.0				
12	0.0	0.0	.5	25.0	0.0	0.0	0.0	0.0	0.0				
13	18.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0				
14	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0				
15	0.0	0.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0				
16	0.0	0.0	6.0	0.0	0.0	5.5	30.0	0.0	1.5				
17	0.0	0.0	0.0	0.0	7.0	1.0	13.0	0.0	0.0				
18	0.0	1.0	5.5	4.5	39.0	0.0	.5	0.0	18.0				
19	0.0	0.0	9.0	2.5	0.0	0.0	0.0	0.0	0.0				
20	0.0	0.0	11.5	34.5	15.0	0.0	1.0	0.0	0.0				
21	2.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0				
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
23	0.0	0.0	0.0	16.0	0.0	0.0	0.0	3.5	0.0				
24	0.0	0.0	1.5	63.0	0.0	0.0	2.0	0.0	9.0				
25	0.0	0.0	.5	5.0	0.0	0.0	0.0	0.0	20.0				
26	0.0	.5	0.0	17.5	0.0	0.0	0.0	5.0	1.0				
27	0.0	1.0	10.0	5.0	0.0	0.0	0.0	0.0	43.0				
28	0.0	0.0	3.5	5.5	0.0	0.0	0.0	49.0	0.0				
29	0.0		0.0	3.0	0.0	0.0	0.0	1.5	0.0				
30	.5		0.0	2.5	0.0	0.0	0.0	0.0	0.0				
31	13.0		0.0		0.0		0.0	0.0					
Total	143.5	16.0	94.0	209.5	83.0	72.0	97.5	63.5	105.0				Anual
Días LI.	8	7	15	21	6	12	10	7	8				


CALDAS
San Lucas-Risaralda
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
Las Colinas-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 2002


CALDAS
La Esmeralda-Viterbo
Lluvia (mm)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
El Pistacho-Manizales
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : SANTA TERESITA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 4 ' N
Longitud : 75 ° 37 ' W
Altitud : 1200 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	35.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	31.0	0.0	
2	3.0	7.0	0.0	0.0	13.0	5.0	0.0	0.0	0.0	0.0	102.0	0.0	
3	0.0	3.0	0.0	0.0	0.0	25.0	14.0	0.0	10.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	4.0	4.0	64.0	0.0	0.0	0.0	12.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	37.0	0.0	0.0	23.0	0.0	15.0	0.0	0.0	0.0	2.0	35.0	0.0	
7	28.0	0.0	0.0	12.0	20.0	0.0	0.0	0.0	0.0	0.0	34.0	6.0	
8	18.0	7.0	0.0	21.0	0.0	13.0	0.0	9.0	0.0	0.0	0.0	19.0	
9	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	7.0	25.0	0.0	0.0	6.0	10.0	0.0	2.0	
11	0.0	0.0	12.0	0.0	0.0	1.0	8.0	0.0	0.0	7.0	0.0	0.0	
12	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
13	28.0	0.0	52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	
14	0.0	0.0	3.0	0.0	0.0	9.0	4.0	0.0	0.0	0.0	0.0	21.0	
15	0.0	4.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	32.0	
16	0.0	0.0	35.0	0.0	0.0	0.0	14.0	0.0	2.0	33.0	0.0	12.0	
17	0.0	0.0	0.0	10.0	2.0	7.0	18.0	0.0	0.0	27.0	0.0	0.0	
18	0.0	0.0	33.0	12.0	72.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
19	7.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	7.0	60.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	
21	0.0	0.0	12.0	0.0	5.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
22	0.0	4.0	0.0	55.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	48.0	5.0	0.0	0.0	0.0	2.0	20.0	0.0	0.0	
24	0.0	0.0	0.0	69.0	47.0	0.0	0.0	0.0	3.0	7.0	0.0	0.0	
25	0.0	0.0	0.0	8.0	46.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	
26	7.0	0.0	3.0	50.0	0.0	0.0	0.0	9.0	27.0	17.0	0.0	0.0	
27	3.0	0.0	24.0	0.0	48.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	5.0	0.0	2.0	0.0	63.0	0.0	15.0	0.0	0.0	
29	3.0		0.0	0.0	23.0	15.0	0.0	0.0	0.0	72.0	0.0	0.0	
30	0.0		0.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	
31	12.0		20.0		25.0		0.0	0.0		10.0		0.0	
Total	221.0	25.0	201.0	430.0	339.0	121.0	127.0	86.0	163.0	228.0	247.0	107.0	Anual 2295.0
Días LI.	12	5	10	17	14	11	7	4	10	13	7	7	

Estación : ALMACAFE LETRAS
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 3 ' N
Longitud : 75 ° 20 ' W
Altitud : 3684 m

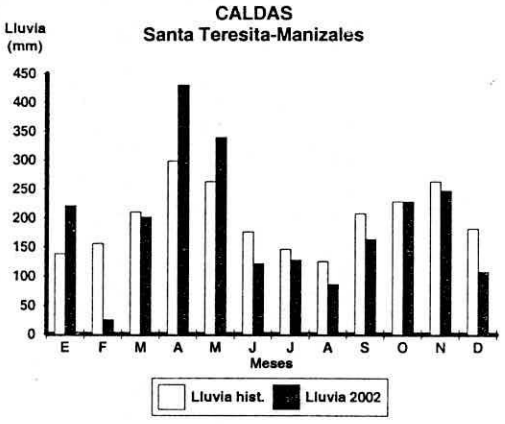
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	.1		18.0	0.0	0.0	15.8	0.0	2.6	0.0	
2	0.0	0.0	0.0	.4		15.8	0.0	0.0	10.2	0.0	17.2	0.0	
3	0.0	2.0	0.0	2.0		6.4	.4	5.0	2.3	0.0	9.0	3.9	
4	0.0	0.0	0.0	0.0		4.7	1.9	0.0	0.0	0.0	3.7	5.5	
5	0.0	0.0	0.0	2.0		14.9	46.2	0.0	0.0	0.0	4.4	5.4	
6	0.0	0.0	0.0	3.0		35.3	3.4	0.0	4.7	.5	2.9	0.0	
7	3.0	5.0	0.0	.7		6.1	.1	0.0	0.0	2.9	23.5	3.4	
8	0.0	7.0	0.0	2.6		39.6	0.0	5.9	0.0	.5	16.1	1.0	
9	0.0	0.0	0.0	.4		13.5	0.0	1.6	0.0	10.3	15.2	.7	
10	0.0	0.0	0.0	.2		36.8	0.0	0.0	0.0	3.7	0.0	0.0	
11	0.0	6.0	1.0	3.0		1.4	7.2	.2	.5	2.3	.4	.5	
12	1.0	5.0	0.0	7.0		2.0	0.0	0.0	0.0	0.0	.2	0.0	
13	1.0	3.0	1.0	0.0		1.0	0.0	0.0	1.2	12.6	7.6	.8	
14	0.0	0.0	0.0	.4		.6	9.3	2.7	1.4	1.3	0.0	25.6	
15	1.0	0.0	14.0	.9		2.0	0.0	3.1	4.0	11.2	.5	20.0	
16	0.0	0.0	0.0	2.0		.8	8.3	0.0	0.0	2.2	.6	13.2	
17	0.0	0.0	0.0	.5		1.2	8.3	0.0	1.2	6.2	9.6	4.6	
18	0.0	10.0	1.0	.9		0.0	2.5	0.0	2.1	0.0	2.8	3.4	
19	0.0	0.0	31.0	25.0		0.0	23.2	.9	3.9	0.0	0.0	0.0	
20	0.0	2.0	14.0	11.0		0.0	5.9	5.8	0.0	1.7	0.0	8.5	
21	5.0	0.0	14.0	1.0		10.3	8.0	0.0	0.0	2.2	.9	0.0	
22	1.0	13.0	0.0	1.0		0.0	1.5	0.0	0.0	11.5	2.0	0.0	
23	1.0	0.0	0.0	1.0		6.3	1.7	0.0	5.0	13.1	0.0	0.0	
24	0.0	0.0	0.0	5.2		1.0	13.4	0.0	8.3	5.6	.3	0.0	
25	0.0	0.0	40.0	5.0		.2	11.2	3.9	4.5	4.8	0.0	.3	
26	0.0	5.0	1.0	5.7		0.0	0.0	17.8	2.1	26.8	0.0	0.0	
27	0.0	11.0	14.0	1.9		0.0	0.0	1.4	29.5	7.1	0.0	0.0	
28	0.0	2.0	19.0	.6		1.1	.3	0.0	12.1	11.6	0.0	0.0	
29	1.0		10.0	.1		6.4	0.0	.7	0.0	13.3	0.0	0.0	
30	0.0		0.0	0.0		.9	1.5	0.0	0.0	4.7	1.0	0.0	
31	2.0		0.0				2.9	1.0		0.0		0.0	
Total	16.0	71.0	160.0	83.6		226.3	157.2	50.0	108.8	156.1	120.5	96.8	Anual
Días LI.	9	12	12	27		24	20	13	17	22	20	15	

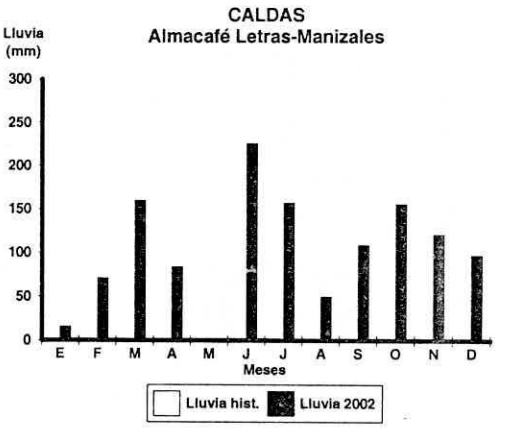
Estación : EL RECREO Dpto. : CALDAS Latitud : 5 ° 2 'N
Año : 2002 Mpio. : PALESTINA Longitud : 75 ° 39 'W
Altitud : 1450 m

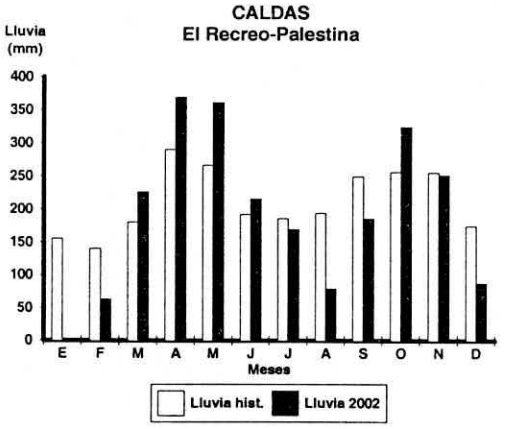
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1		0.0	0.0	2.0	4.0	20.0	0.0	0.0	10.0	0.0	12.0	0.0	
2		0.0	0.0	0.0	35.0	1.0	3.0	0.0	0.0	0.0	25.0	0.0	
3		0.0	2.0	0.0	10.0	26.0	12.0	0.0	0.0	0.0	15.0	0.0	
4		0.0	0.0	0.0	0.0	5.0	0.0	3.0	0.0	0.0	15.0	0.0	
5		0.0	0.0	4.0	0.0	30.0	15.0	0.0	0.0	0.0	15.0	0.0	
6		0.0	0.0	12.0	0.0	15.0	4.0	0.0	0.0	0.0	55.0	10.0	
7		13.0	0.0	11.0	10.0	5.0	0.0	0.0	0.0	0.0	3.0	5.0	
8		7.0	0.0	20.0	9.0	7.0	0.0	6.0	0.0	4.0	40.0	0.0	
9		0.0	0.0	3.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
10		0.0	0.0	9.0	0.0	22.0	0.0	0.0	9.0	0.0	0.0	0.0	
11		6.0	20.0	0.0	0.0	10.0	10.0	0.0	0.0	12.0	0.0	0.0	
12		0.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0	25.0	0.0	
13		0.0	47.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	20.0	0.0	
14		0.0	37.0	0.0	1.0	0.0	30.0	0.0	0.0	3.0	0.0	22.0	
15		0.0	28.0	3.0	50.0	0.0	40.0	0.0	0.0	0.0	0.0	20.0	
16		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	5.0	
17		0.0	0.0	7.0	0.0	20.0	0.0	0.0	30.0	35.0	25.0	5.0	
18		5.0	21.0	18.0	40.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
19		0.0	0.0	25.0	0.0	0.0	15.0	15.0	0.0	10.0	0.0	0.0	
20		0.0	15.0	15.0	15.0	0.0	0.0	0.0	0.0	2.0	0.0	8.0	
21		0.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	1.0	0.0	0.0	
22		22.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
23		0.0	0.0	57.0	15.0	0.0	0.0	10.0	3.0	0.0	0.0	0.0	
24		0.0	11.0	60.0	5.0	0.0	5.0	0.0	3.0	0.0	0.0	0.0	
25		0.0	0.0	9.0	65.0	0.0	0.0	0.0	60.0	26.0	0.0	0.0	
26		0.0	0.0	17.0	40.0	0.0	0.0	3.0	15.0	48.0	0.0	0.0	
27		10.0	45.0	0.0	45.0	0.0	0.0	0.0	50.0	15.0	1.0	0.0	
28		0.0	0.0	2.0	2.0	34.0	0.0	32.0	0.0	103.0	0.0	0.0	
29			0.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30			0.0	5.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	
31			0.0		0.0		0.0	0.0		0.0		2.0	
Total		63.0	226.0	369.0	361.0	215.0	169.0	79.0	185.0	324.0	251.0	87.0	Anual
Días LI.		6	9	21	18	13	11	7	9	13	12	9	

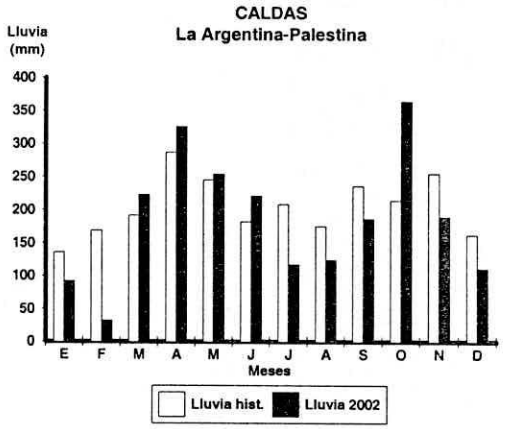
Estación : LA ARGENTINA Dpto. : CALDAS Latitud : 5 ° 2 'N
Año : 2002 Mpio. : PALESTINA Longitud : 75 ° 41 'W
Altitud : 1350 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	8.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	11.0	0.0	33.0	0.0	
2	25.0	21.0	0.0	0.0	29.0	5.0	0.0	0.0	3.0	0.0	4.0	0.0	
3	0.0	0.0	0.0	0.0	3.0	17.0	8.0	0.0	5.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	7.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	27.0	11.0	0.0	0.0	0.0	44.0	21.0	
6	17.0	0.0	0.0	37.0	0.0	18.0	0.0	0.0	0.0	7.0	0.0	0.0	
7	29.0	2.0	0.0	4.0	7.0	0.0	0.0	3.0	0.0	0.0	34.0	10.0	
8	0.0	0.0	0.0	15.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	8.0	0.0	0.0	0.0	
10	0.0	2.0	0.0	0.0	0.0	5.0	0.0	0.0	4.0	17.0	0.0	8.0	
11	0.0	0.0	25.0	8.0	0.0	4.0	22.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	3.0	8.0	0.0	0.0	0.0	7.0	0.0	0.0	
13	5.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	12.0	0.0	
14	0.0	0.0	24.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	18.0	43.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	5.0	8.0	0.0	0.0	
16	0.0	0.0	19.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	5.0	
17	0.0	0.0	0.0	13.0	5.0	12.0	29.0	0.0	0.0	63.0	0.0	8.0	
18	0.0	3.0	12.0	0.0	23.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	23.0	0.0	0.0	16.0	2.0	0.0	0.0	10.0	
20	0.0	0.0	32.0	8.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
21	0.0	0.0	0.0	13.0	0.0	0.0	0.0	6.0	0.0	12.0	0.0	0.0	
22	0.0	1.0	0.0	68.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	35.0	25.0	0.0	0.0	0.0	5.0	11.0	7.0	0.0	
24	0.0	0.0	48.0	82.0	65.0	0.0	9.0	15.0	6.0	18.0	0.0	0.0	
25	6.0	0.0	23.0	7.0	3.0	0.0	0.0	0.0	52.0	18.0	0.0	0.0	
26	0.0	0.0	0.0	5.0	33.0	0.0	0.0	6.0	28.0	92.0	0.0	0.0	
27	0.0	3.0	0.0	8.0	0.0	20.0	0.0	0.0	42.0	17.0	5.0	0.0	
28	0.0	0.0	13.0	0.0	0.0	47.0	0.0	78.0	0.0	7.0	0.0	0.0	
29	2.0		0.0	20.0	0.0	0.0	0.0	0.0	0.0	79.0	0.0	0.0	
30	0.0		0.0	0.0	6.0	0.0	9.0	0.0	11.0	0.0	3.0	0.0	
31	0.0		6.0		0.0		0.0	0.0		8.0		2.0	
Total	92.0	32.0	223.0	326.0	254.0	221.0	117.0	124.0	186.0	364.0	189.0	111.0	Anual 2239.0
Días LI.	7	6	10	15	14	14	9	6	14	14	11	9	


CALDAS
Santa Teresita-Manizales
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
Almacafé Letras-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 2002


CALDAS
El Recreo-Palestina
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
La Argentina-Palestina
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : MORAVO
Año : 2002

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	6.0	0.0	0.0	0.0			0.0	0.0	1.0	0.0	11.0	0.0
2	0.0	0.0	0.0	0.0			13.0	0.0	3.0	0.0	0.0	0.0
3	0.0	2.0	0.0	0.0			0.0	0.0	0.0	0.0	6.0	2.0
4	3.0	0.0	0.0	0.0			19.0	0.0	0.0	0.0	34.0	20.0
5	1.0	3.0	0.0	0.0			1.0	0.0	0.0	2.0	0.0	0.0
6	0.0	0.0	0.0	25.0			0.0	0.0	0.0	2.0	22.0	8.0
7	0.0	0.0	0.0	29.0			0.0	2.0	0.0	0.0	0.0	0.0
8	3.0	0.0	0.0	0.0			5.0	0.0	0.0	0.0	1.0	0.0
9	0.0	0.0	0.0	0.0			0.0	0.0	0.0	13.0	0.0	34.0
10	0.0	0.0	46.0	0.0			42.0	0.0	3.0	14.0	0.0	0.0
11	7.0	12.0	0.0	5.0			0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	42.0	0.0			0.0	0.0	0.0	0.0	5.0	10.0
13	0.0	0.0	52.0	0.0			0.0	0.0	22.0	0.0	14.0	30.0
14	22.0	0.0	0.0	0.0			0.0	0.0	3.0	3.0	0.0	4.0
15	0.0	0.0	0.0	1.0			4.0	0.0	0.0	13.0	31.0	3.0
16	0.0	1.0	21.0	0.0			25.0	0.0	1.0	60.0	2.0	7.0
17	0.0	0.0	0.0	14.0			0.0	0.0	10.0	0.0	13.0	0.0
18	0.0	.5	11.0	4.0			12.0	7.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	6.0			45.0	2.0	0.0	0.0	1.0	0.0
20	0.0	0.0	15.0	0.0			0.0	3.0	0.0	23.0	0.0	0.0
21	0.0	0.0	0.0	41.0			0.0	0.0	0.0	28.0	0.0	0.0
22	0.0	11.0	0.0	21.0			0.0	5.0	6.0	17.0	0.0	0.0
23	62.0	0.0	0.0	106.0			0.0	25.0	42.0	0.0	0.0	0.0
24	0.0	0.0	15.0	7.0			0.0	11.0	38.0	25.0	0.0	0.0
25	1.5	0.0	14.0	16.0			0.0	2.0	23.0	67.0	0.0	0.0
26	0.0	0.0	0.0	0.0			0.0	2.0	0.0	0.0	61.0	0.0
27	18.0	1.0	0.0	4.0			0.0	22.0	0.0	14.0	1.0	0.0
28	0.0	0.0	0.0	19.0			0.0	0.0	1.0	90.0	0.0	0.0
29	0.0		0.0	0.0			11.0	0.0	0.0	1.0	0.0	12.0
30	0.0		1.0	0.0			0.0	29.0	3.0	2.0	0.0	0.0
31	0.0		52.0				0.0	0.0		0.0		0.0
Total	123.5	30.5	269.0	298.0			177.0	110.0	156.0	374.0	202.0	130.0
Días LI.	9	7	10	14			10	11	13	16	13	10

Anual

Estación : JAVA
Año : 2002

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	0.0		0.0	17.0	0.0	20.0			9.0	0.0	9.0	0.0
2	0.0		0.0	0.0	6.0	0.0			0.0	0.0	4.0	0.0
3	0.0		0.0	0.0	0.0	12.0			3.0	0.0	2.0	0.0
4	0.0		0.0	0.0	0.0	10.0			0.0	0.0	0.0	0.0
5	0.0		0.0	0.0	0.0	20.0			0.0	3.0	12.0	0.0
6	14.0		0.0	21.0	0.0	18.0			0.0	0.0	17.0	0.0
7	38.0		0.0	12.0	10.0	0.0			0.0	0.0	33.0	0.0
8	20.0		0.0	3.0	0.0	12.0			0.0	2.0	2.0	16.0
9	0.0		0.0	8.0	0.0	0.0			0.0	0.0	0.0	0.0
10	0.0		0.0	9.0	0.0	11.0			0.0	3.0	0.0	0.0
11	0.0		60.0	5.0	0.0	0.0			0.0	3.0	0.0	0.0
12	6.0		0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0
13	12.0		17.0	12.0	0.0	0.0			0.0	0.0	12.0	16.0
14	0.0		0.0	0.0	0.0	0.0			0.0	0.0	0.0	36.0
15	0.0		0.0	6.0	0.0	0.0			0.0	2.0	0.0	13.0
16	0.0		9.0	0.0	0.0	2.0			0.0	16.0	0.0	11.0
17	0.0		0.0	0.0	20.0	0.0			0.0	2.0	0.0	11.0
18	0.0		24.0	7.0	25.0	0.0			17.0	0.0	0.0	0.0
19	0.0		22.0	11.0	0.0	0.0			0.0	0.0	0.0	0.0
20	0.0		17.0	21.0	9.0	0.0			0.0	0.0	0.0	0.0
21	0.0		5.0	11.0	0.0	0.0			0.0	32.0	0.0	2.0
22	0.0		0.0	8.0	15.0	0.0			0.0	3.0	0.0	0.0
23	0.0		0.0	0.0	0.0	0.0			0.0	12.0	0.0	0.0
24	0.0		0.0	85.0	6.0	0.0			12.0	9.0	0.0	0.0
25	0.0		0.0	6.0	0.0	0.0			29.0	0.0	0.0	0.0
26	0.0		0.0	0.0	20.0	0.0			2.0	20.0	0.0	0.0
27	0.0		30.0	8.0	39.0	0.0			63.0	0.0	0.0	0.0
28	0.0		17.0	38.0	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	46.0	0.0	0.0
30	0.0		0.0	4.0	15.0	0.0			0.0	1.0	0.0	0.0
31	0.0		0.0		0.0					2.0		0.0
Total	90.0		201.0	292.0	165.0	105.0			135.0	156.0	91.0	105.0
Días LI.	5		9	19	10	8			7	15	8	7

Anual

Estación : LA FLORA
Año : 2002

Dpto. : CALDAS
Mpio. : MANIZALES

Latitud : 5 ° 1 'N
Longitud : 75 ° 33 'W
Altitud : 1600 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	8.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
2	0.0	13.0	2.0	4.0	15.0	3.0	0.0	0.0	0.0	0.0	19.0	0.0
3	3.0	24.0	0.0	0.0	0.0	23.0	0.0	2.0	2.0	6.0	18.0	0.0
4	0.0	0.0	0.0	5.0	0.0	30.0	77.0	0.0	0.0	0.0	11.0	0.0
5	15.0	0.0	3.0	32.0	0.0	20.0	0.0	0.0	4.0	0.0	26.0	0.0
6	32.0	10.0	0.0	7.0	30.0	17.0	0.0	0.0	0.0	0.0	15.0	2.0
7	31.0	8.0	0.0	15.0	0.0	4.0	0.0	15.0	0.0	3.0	18.0	13.0
8	0.0	0.0	0.0	5.0	0.0	10.0	0.0	0.0	3.0	0.0	3.0	0.0
9	0.0	0.0	0.0	7.0	5.0	3.0	10.0	0.0	0.0	9.0	0.0	0.0
10	0.0	0.0	60.0	15.0	3.0	24.0	5.0	0.0	0.0	5.0	0.0	0.0
11	6.0	0.0	0.0	23.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
12	9.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
13	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	5.0
14	0.0	0.0	0.0	0.0	1.0	0.0	3.0	0.0	0.0	2.0	0.0	8.0
15	0.0	0.0	20.0	0.0	0.0	3.0	2.0	0.0	3.0	23.0	0.0	28.0
16	0.0	0.0	5.0	8.0	0.0	38.0	42.0	0.0	0.0	8.0	3.0	15.0
17	0.0	2.0	30.0	7.0	37.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
18	0.0	0.0	55.0	23.0	20.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
19	0.0	0.0	15.0	51.0	7.0	0.0	5.0	0.0	0.0	3.0	0.0	3.0
20	0.0	0.0	23.0	5.0	6.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
21	0.0	2.0	0.0	8.0	5.0	0.0	0.0	8.0	0.0	5.0	0.0	0.0
22	0.0	0.0	3.0	3.0	7.0	0.0	0.0	5.0	6.0	3.0	0.0	0.0
23	0.0	0.0	0.0	81.0	11.0	0.0	0.0	7.0	8.0	15.0	0.0	0.0
24	0.0	5.0	4.0	10.0	8.0	0.0	0.0	19.0	34.0	5.0	0.0	0.0
25	0.0	8.0	0.0	2.0	7.0	0.0	0.0	6.0	10.0	8.0	0.0	0.0
26	5.0	0.0	35.0	5.0	19.0	0.0	0.0	5.0	65.0	21.0	1.0	0.0
27	0.0	0.0	15.0	9.0	2.0	0.0	0.0	74.0	8.0	7.0	0.0	0.0
28	3.0	0.0	3.0	5.0	5.0	0.0	0.0	75.0	0.0	39.0	0.0	0.0
29	0.0		0.0	2.0	0.0	0.0	6.0	0.0	3.0	5.0	0.0	0.0
30	16.0		5.0	3.0	0.0	0.0	0.0	0.0	5.0	8.0	0.0	0.0
31	12.0		22.0		2.0		0.0	10.0		5.0		0.0
Total	134.0	80.0	314.0	338.0	192.0	181.0	150.0	226.0	157.0	185.0	132.0	74.0
Días LI.	11	9	17	25	19	12	8	11	14	21	12	7

Anual 2163.0

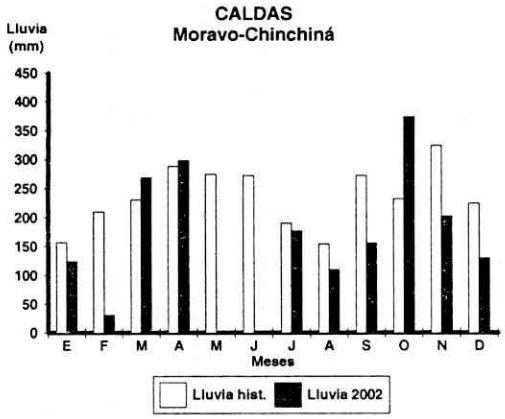
Estación : LA PALMA
Año : 2002

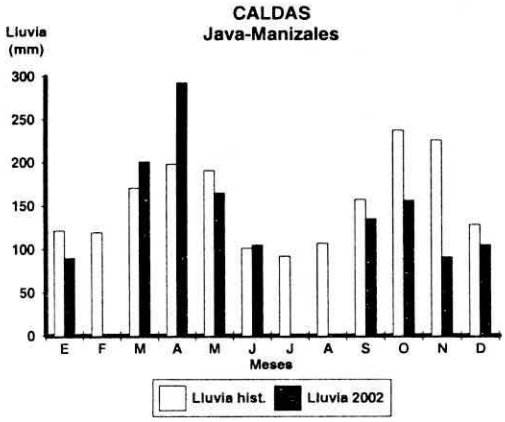
Dpto. : CALDAS
Mpio. : PALESTINA

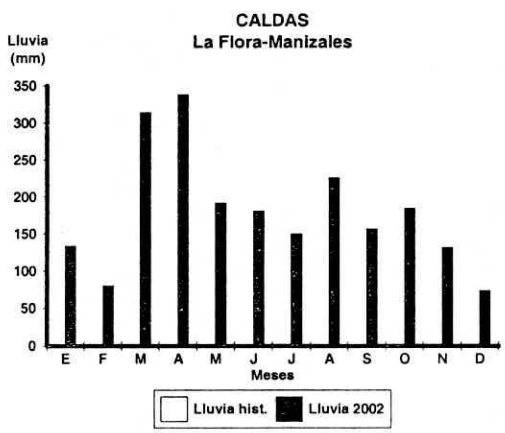
Latitud : 5 ° 0 'N
Longitud : 75 ° 41 'W
Altitud : 1300 m

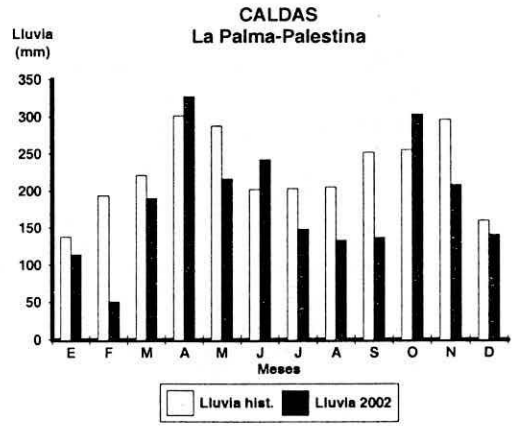
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	30.0	38.0	0.0	.5	8.0	4.0	0.0	0.0	.5	0.0	24.0	0.0
2	0.0	1.0	.5	0.0	0.0	14.0	5.0	0.0	4.0	0.0	2.0	0.0
3	0.0	0.0	0.0	0.0	0.0	3.0	1.0	.5	0.0	0.0	17.0	0.0
4	0.0	0.0	0.0	1.0	1.0	72.0	10.0	0.0	0.0	0.0	39.0	25.0
5	1.0	0.0	0.0	5.0	0.0	15.0	0.0	0.0	0.0	0.0	1.0	0.0
6	35.0	5.0	0.0	20.0	3.0	4.0	0.0	0.0	0.0	3.0	30.0	0.0
7	16.0	0.0	0.0	20.0	0.0	13.0	0.0	3.0	0.0	0.0	.5	7.0
8	3.0	0.0	0.0	1.0	0.0	0.0	12.0	0.0	0.0	0.0	.5	0.0
9	0.0	2.0	0.0	0.0	1.0	6.0	0.0	0.0	6.0	12.0	0.0	16.0
10	0.0	2.0	25.0	0.0	0.0	.5	38.0	0.0	0.0	0.0	0.0	0.0
11	2.0	0.0	.5	11.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
12	2.0	0.0	36.0	0.0	0.0	.5	0.0	0.0	0.0	0.0	18.0	0.0
13	0.0	0.0	18.0	.5	.5	0.0	0.0	0.0	22.0	.5	14.0	43.0
14	1.0	0.0	0.0	1.0	3.0	0.0	0.0	0.0	7.0	5.0	0.0	13.0
15	0.0	0.0	19.0	0.0	.5	0.0	14.0	0.0	0.0	22.0	20.0	2.0
16	0.0	0.0	0.0	1.0	14.0	11.0	25.0	0.0	.5	71.0	11.0	12.0
17	0.0	2.0	23.0	13.0	17.0	0.0	.5	0.0	1.0	0.0	0.0	0.0
18	0.0	0.0	0.0	25.0	20.0	1.0	18.0	14.0	0.0	0.0	0.0	0.0
19	0.0	0.0	16.0	6.0	10.0	0.0	7.0	2.0	2.0	1.0	0.0	16.0
20	1.0	0.0	8.0	0.0	2.0	0.0	0.0	8.0	0.0	33.0	1.0	0.0
21	0.0	1.0	0.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	18.0	24.0	0.0	0.0	0.0	15.0	27.0	1.0	0.0
23	16.0	0.0	7.0	79.0	2.0	0.0	2.0	21.0	3.0	6.0	0.0	1.0
24	0.0	0.0	0.0	7.0	64.0	0.0	1.0	1.0	35.0	34.0	0.0	0.0
25	6.0	0.0	9.0	6.0	0.0	0.0	0.0	3.0	19.0	37.0	0.0	0.0
26	0.0	0.0	0.0	3.0	23.0	20.0	0.0	0.0	20.0	36.0	27.0	0.0
27	0.0	0.0	17.0	4.0	0.0	72.0	0.0	63.0	0.0	0.0	0.0	0.0
28	1.0	0.0	0.0	9.0	.5	0.0	0.0	4.0	1.0	11.0	0.0	1.0
29	0.0		0.0	6.0	1.5	0.0	14.0	0.0	.5	.5	2.0	5.0
30	0.0		.5	0.0	0.0	0.0	0.0	8.0	.5	2.0	0.0	0.0
31	0.0		10.0		21.0		0.0	5.0		2.0		0.0
Total	114.0	51.0	189.5	327.0	216.0	242.0	147.5	132.5	137.0	303.0	208.0	141.0
Días LI.	12	7	14	22	19	15	13	12	16	17	16	11

Anual 2208.5


CALDAS
Moravo-Chinchiná
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
Java-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 2002


CALDAS
La Flora-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 2002


CALDAS
La Palma-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 2002

Estación : LA DIVISA
Año : 2002

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	1.0	47.0	0.0	7.0	0.0	20.0	0.0	0.0	15.0	0.0	6.0	0.0
2	0.0	1.0	0.0	0.0	6.0	1.0	0.0	0.0	0.0	0.0	37.0	0.0
3	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	4.0	0.0	1.0	4.0
4	0.0	0.0	0.0	0.0	0.0	4.0	6.0	1.0	0.0	6.0	1.0	0.0
5	10.0	0.0	7.0	20.0	0.0	37.0	29.0	0.0	0.0	0.0	53.0	8.0
6	16.0	0.0	0.0	5.0	3.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0
7	9.0	25.0	0.0	34.0	4.0	2.0	0.0	0.0	0.0	4.0	30.0	0.0
8	10.0	0.0	0.0	66.0	0.0	9.0	0.0	8.0	0.0	0.0	1.0	0.0
9	0.0	3.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
10	0.0	0.0	9.0	2.0	10.0	2.0	0.0	0.0	10.0	7.0	0.0	27.0
11	11.0	0.0	25.0	18.0	0.0	1.0	8.0	0.0	0.0	8.0	0.0	0.0
12	16.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	1.0
14	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	43.0
15	0.0	0.0	21.0	0.0	11.0	0.0	6.0	0.0	0.0	1.0	0.0	30.0
16	0.0	0.0	0.0	2.0	0.0	2.0	11.0	0.0	1.0	53.0	3.0	2.0
17	0.0	40.0	12.0	7.0	1.0	0.0	5.0	0.0	3.0	12.0	1.0	10.0
18	0.0	0.0	6.0	6.0	0.0	0.0	9.0	0.0	2.0	0.0	2.0	0.0
19	0.0	0.0	33.0	2.0	40.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
20	4.0	0.0	1.0	0.0	38.0	0.0	18.0	1.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	62.0	22.0	0.0	0.0	0.0	8.0	6.0	0.0	2.0
22	0.0	0.0	0.0	7.0	2.0	0.0	0.0	26.0	0.0	1.0	0.0	0.0
23	9.0	0.0	1.0	47.0	17.0	0.0	0.0	13.0	13.0	26.0	1.0	0.0
24	8.0	0.0	0.0	9.0	5.0	3.0	1.0	1.0	2.0	21.0	0.0	0.0
25	15.0	1.0	0.0	1.0	40.0	0.0	0.0	15.0	26.0	3.0	0.0	0.0
26	0.0	42.0	53.0	0.0	0.0	0.0	0.0	6.0	3.0	49.0	0.0	0.0
27	0.0	0.0	24.0	19.0	17.0	31.0	0.0	3.0	18.0	1.0	7.0	2.0
28	24.0	0.0	0.0	0.0	1.0	12.0	0.0	39.0	0.0	13.0	3.0	0.0
29	0.0		0.0	7.0	0.0	2.0	0.0	2.0	1.0	58.0	0.0	0.0
30	4.0		0.0	0.0	7.0	0.0	16.0	0.0	0.0	1.0	15.0	0.0
31	0.0		10.0		1.0		0.0	3.0		12.0		7.0
Total	139.0	159.0	244.0	325.0	225.0	128.0	109.0	120.0	106.0	299.0	171.0	138.0
Anual	2163.0											
Días LI.	14	7	13	20	17	14	10	13	13	20	17	12

Estación : LA SIERRA
Año : 2002

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	15.0	5.0	7.0	0.0	21.0	0.0	0.0	7.0	30.0	0.0	0.0
2	13.0	44.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0
3	0.0	0.0	0.0	0.0	9.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	60.0	0.0
5	0.0	0.0	0.0	0.0	0.0	52.0	36.0	0.0	0.0	0.0	0.0	0.0
6	15.0	0.0	0.0	16.0	0.0	17.0	10.0	0.0	0.0	0.0	0.0	0.0
7	8.0	4.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	11.0	24.0	70.0
8	11.0	0.0	0.0	47.0	0.0	9.0	0.0	7.0	0.0	0.0	0.0	12.0
9	0.0	0.0	0.0	0.0	0.0	11.0	9.0	0.0	7.0	0.0	0.0	0.0
10	0.0	16.0	0.0	0.0	14.0	0.0	6.0	0.0	4.0	10.0	0.0	43.0
11	0.0	8.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	8.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
13	0.0	0.0	33.0	13.0	0.0	5.0	0.0	0.0	0.0	0.0	37.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	50.0	5.0	0.0	62.0
16	0.0	0.0	0.0	0.0	5.0	0.0	44.0	0.0	0.0	26.0	0.0	7.0
17	10.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	27.0	0.0	10.0
18	0.0	12.0	51.0	12.0	42.0	0.0	6.0	0.0	0.0	0.0	0.0	7.0
19	0.0	0.0	20.0	0.0	9.0	10.0	9.0	17.0	0.0	0.0	0.0	0.0
20	0.0	0.0	17.0	38.0	40.0	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	0.0	0.0	0.0	6.0
22	0.0	0.0	0.0	40.0	12.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0
23	30.0	0.0	0.0	27.0	0.0	12.0	0.0	0.0	34.0	25.0	0.0	0.0
24	0.0	0.0	0.0	51.0	0.0	0.0	0.0	30.0	10.0	9.0	0.0	0.0
25	0.0	0.0	0.0	8.0	52.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0
26	21.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	20.0	0.0	0.0	0.0
27	0.0	6.0	9.0	0.0	24.0	4.0	0.0	7.0	0.0	0.0	0.0	0.0
28	0.0	0.0	10.0	0.0	0.0	90.0	0.0	42.0	0.0	64.0	7.0	0.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.0	4.0	0.0
30	0.0		0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	24.0		0.0		10.0
Total	116.0	105.0	175.0	285.0	223.0	256.0	170.0	133.0	162.0	284.0	184.0	227.0
Anual	2320.0											
Días LI.	8	7	8	12	11	12	10	7	8	11	6	9

Estación : LA FRANCIA
Año : 2002

Dpto. : CALDAS
Mpio. : CHINCHINA

Latitud : 4 ° 59 ' N
Longitud : 75 ° 41 ' W
Altitud : 1360 m

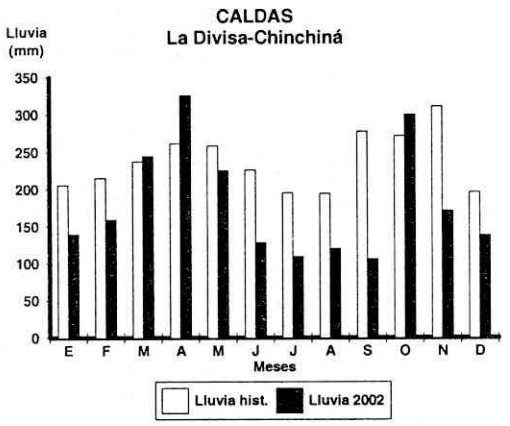
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	7.0	23.0	17.0	0.0	0.0	0.0	33.0	0.0	0.0	
2	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	40.0	0.0	
4	0.0	0.0	0.0	0.0	5.0	10.0	3.0	0.0	0.0	7.0	44.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	40.0	10.0	0.0	0.0	0.0	25.0	27.0	
6	55.0	0.0	0.0	17.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	7.0	0.0	0.0	0.0	0.0	11.0	0.0	6.0	0.0	0.0	30.0	7.0	
8	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	
11	0.0	0.0	64.0	0.0	0.0	0.0	41.0	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	27.0	
13	3.0	0.0	77.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	26.0	0.0	
14	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	10.0	77.0	
15	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	10.0	0.0	28.0	
16	0.0	0.0	28.0	10.0	8.0	0.0	22.0	0.0	0.0	23.0	52.0	7.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	19.0	0.0	18.0	
18	0.0	18.0	10.0	7.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	11.0	0.0	18.0	0.0	65.0	10.0	0.0	0.0	0.0	0.0	
21	0.0	2.0	0.0	0.0	0.0	0.0	15.0	3.0	0.0	47.0	0.0	0.0	
22	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	7.0	52.0	0.0	0.0	0.0	25.0	29.0	0.0	0.0	
24	30.0	0.0	23.0	74.0	72.0	0.0	0.0	48.0	0.0	0.0	0.0	0.0	
25	8.0	0.0	0.0	8.0	0.0	0.0	0.0	13.0	45.0	20.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	0.0	
27	0.0	8.0	0.0	0.0	0.0	15.0	0.0	5.0	0.0	32.0	13.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	41.0	0.0	0.0	0.0	6.0	0.0	83.0	0.0	0.0	
30	0.0		0.0	18.0	0.0	0.0	0.0	0.0	13.0	0.0	14.0	22.0	
31	0.0		8.0		0.0		0.0	23.0		0.0		0.0	
Total	143.0	28.0	231.0	220.0	206.0	103.0	238.0	143.0	124.0	358.0	254.0	248.0	Anual 2296.0
Días LI.	7	3	8	11	8	6	9	9	5	11	9	9	

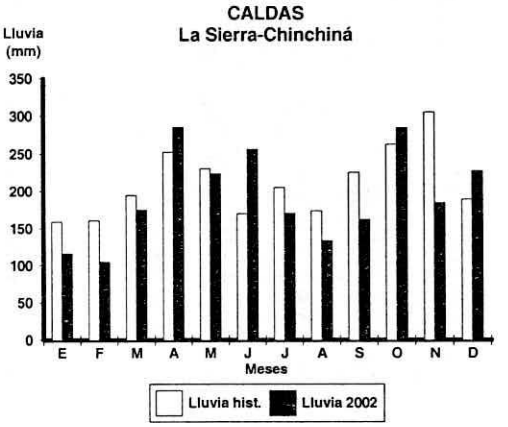
Estación : BELLO HORIZONTE
Año : 2002

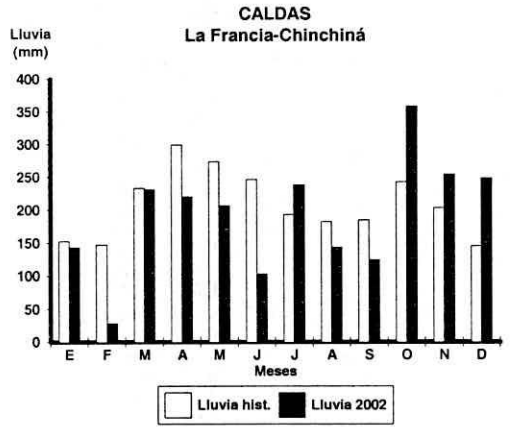
Dpto. : CALDAS
Mpio. : VILLAMARIA

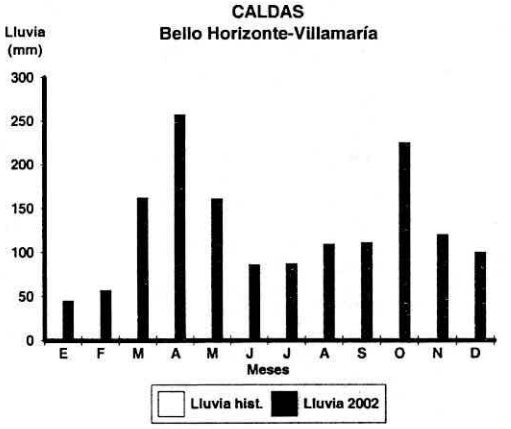
Latitud : 4 ° 59 ' N
Longitud : 75 ° 33 ' W
Altitud : 1690 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	
2	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	3.0	0.0	
3	0.0	0.0	0.0	0.0	3.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	9.0	10.0	0.0	0.0	0.0	30.0	0.0	
5	2.0	0.0	0.0	0.0	3.0	20.0	45.0	0.0	0.0	9.0	27.0	0.0	
6	0.0	0.0	0.0	10.0	0.0	17.0	0.0	0.0	0.0	2.0	10.0	0.0	
7	14.0	11.0	0.0	11.0	2.0	0.0	0.0	12.0	0.0	7.0	0.0	11.0	
8	3.0	6.0	0.0	16.0	0.0	11.0	0.0	9.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
10	0.0	3.0	0.0	0.0	0.0	12.0	5.0	0.0	0.0	0.0	7.0	0.0	
11	0.0	0.0	25.0	28.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	14.0	4.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
13	12.0	0.0	8.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	13.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	21.0	0.0	15.0	
16	0.0	0.0	55.0	0.0	9.0	0.0	7.0	0.0	0.0	5.0	0.0	9.0	
17	0.0	0.0	0.0	2.0	0.0	0.0	14.0	0.0	15.0	0.0	0.0	3.0	
18	0.0	14.0	9.0	11.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	13.0	24.0	15.0	0.0	4.0	0.0	0.0	0.0	3.0	0.0	
20	0.0	0.0	9.0	24.0	9.0	0.0	2.0	0.0	0.0	51.0	0.0	0.0	
21	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	3.0	3.0	0.0	0.0	15.0	9.0	13.0	0.0	0.0	
23	0.0	0.0	0.0	56.0	12.0	0.0	0.0	28.0	11.0	23.0	10.0	0.0	
24	0.0	0.0	0.0	12.0	1.0	5.0	0.0	0.0	16.0	0.0	0.0	0.0	
25	0.0	5.0	0.0	6.0	9.0	0.0	0.0	14.0	0.0	28.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	36.0	0.0	0.0	0.0	
27	0.0	0.0	26.0	7.0	53.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	
28	0.0	7.0	13.0	20.0	0.0	0.0	0.0	.5	0.0	47.0	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		1.0	7.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
31	0.0		0.0		2.0		0.0	8.0		10.0		0.0	
Total	45.0	57.0	162.0	257.0	161.0	86.0	87.0	108.5	111.0	225.0	120.0	100.0	Anual 1519.5
Dias LI.	5	8	10	18	14	9	7	8	8	13	11	7	


CALDAS
La Divisa-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 2002


CALDAS
La Sierra-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 2002


CALDAS
La Francia-Chinchiná
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CALDAS
Bello Horizonte-Villamaría
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 2002

Estación : LOS POMOS
Año : 2002

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	0.0	0.0	0.0	9.0	0.0	71.0	0.0	0.0	8.0	0.0	13.0	0.0	
2	0.0	18.0	0.0	2.0	5.0	0.0	0.0	0.0	9.0	0.0	30.0	0.0	
3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	2.0	3.0	
4	0.0	0.0	0.0	0.0	0.0	3.0	5.0	0.0	0.0	0.0	1.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	35.0	20.0	0.0	0.0	5.0	45.0	7.0	
6	15.0	0.0	0.0	30.0	4.0	0.0	0.0	0.0	0.0	10.0	4.0	0.0	
7	0.0	1.0	0.0	0.0	3.0	10.0	0.0	5.0	0.0	0.0	20.0	0.0	
8	10.0	24.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
9	0.0	0.0	0.0	62.0	9.0	0.0	0.0	0.0	1.0	1.0	0.0	12.0	
10	0.0	4.0	0.0	2.0	0.0	3.0	0.0	0.0	1.0	10.0	0.0	8.0	
11	0.0	0.0	12.0	2.0	0.0	0.0	3.0	0.0	0.0	2.0	6.0	0.0	
12	16.0	4.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
13	30.0	2.0	32.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	7.0	1.0	
14	0.0	0.0	8.0	1.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	9.0	
15	0.0	0.0	5.0	0.0	12.0	0.0	3.0	0.0	0.0	19.0	0.0	35.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	8.0	16.0	12.0	
17	0.0	0.0	62.0	8.0	0.0	0.0	4.0	0.0	0.0	9.0	0.0	0.0	
18	2.0	29.0	0.0	0.0	0.0	0.0	8.0	0.0	18.0	0.0	15.0	0.0	
19	0.0	5.0	0.0	5.0	55.0	0.0	15.0	0.0	0.0	0.0	0.0	13.0	
20	0.0	0.0	52.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	1.0	16.0	0.0	0.0	40.0	0.0	6.0	3.0	0.0	
22	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	32.0	25.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	10.0	17.0	15.0	
24	8.0	0.0	2.0	82.0	0.0	2.0	0.0	28.0	1.0	20.0	0.0	0.0	
25	0.0	5.0	0.0	0.0	30.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0	
26	18.0	35.0	16.0	5.0	0.0	0.0	0.0	20.0	0.0	30.0	0.0	2.0	
27	0.0	0.0	52.0	0.0	15.0	30.0	0.0	0.0	0.0	10.0	10.0	14.0	
28	0.0	0.0	0.0	0.0	0.0	9.0	0.0	38.0	40.0	1.0	1.0	0.0	
29	19.0		0.0	0.0	0.0	1.0	20.0	0.0	0.0	19.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	5.0	0.0	
31	26.0		30.0		0.0		0.0	1.0		0.0		0.0	
Total	144.0	128.0	271.0	227.0	192.0	164.0	92.0	132.0	122.0	211.0	196.0	131.0	Anual 2010.0
Días LI.	9	11	10	14	11	9	10	6	11	20	17	12	

Estación : LA ESPERANZA
Año : 2002

Dpto. : CAUCA
Mpio. : SANTANDER DE Q.

Latitud : 2 ° 56 ' N
Longitud : 76 ° 27 ' W
Altitud : 1608 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	3.0	0.0	0.0	5.0	0.0	10.0	0.0	
2	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	0.0	12.0	0.0	
3	12.0	2.0	9.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	49.0	0.0	
4	0.0	0.0	1.0	0.0	0.0	4.0	14.0	0.0	0.0	0.0	8.0	3.0	
5	0.0	5.0	12.0	52.0	0.0	17.0	27.0	0.0	0.0	0.0	10.0	8.0	
6	22.0	0.0	24.0	9.0	10.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	
8	14.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	8.0	
9	1.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	2.0	28.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	9.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	13.0	4.0	0.0	0.0	0.0	0.0	0.0	
12	20.0	0.0	2.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	
13	11.0	0.0	2.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	
14	0.0	0.0	10.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	69.0	
15	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	
16	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	9.0	
17	0.0	0.0	4.0	6.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
18	0.0	0.0	1.0	50.0	13.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
19	0.0	0.0	4.0	11.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	66.0	0.0	28.0	0.0	12.0	0.0	37.0	0.0	0.0	13.0	0.0	51.0	
21	0.0	0.0	12.0	0.0	5.0	0.0	2.0	0.0	60.0	28.0	0.0	0.0	
22	0.0	1.0	21.0	0.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	
23	0.0	0.0	0.0	12.0	1.0	0.0	0.0	0.0	19.0	31.0	0.0	0.0	
24	0.0	0.0	15.0	37.0	10.0	0.0	0.0	0.0	14.0	11.0	0.0	0.0	
25	0.0	0.0	11.0	76.0	11.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	
26	0.0	75.0	2.0	2.0	0.0	0.0	0.0	0.0	14.0	10.0	0.0	0.0	
27	0.0	29.0	1.0	45.0	14.0	0.0	0.0	60.0	1.0	7.0	0.0	0.0	
28	0.0	5.0	3.0	74.0	0.0	0.0	0.0	70.0	0.0	49.0	0.0	0.0	
29	0.0		54.0	6.0	0.0	0.0	0.0	0.0	3.0	18.0	15.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	3.0	
31	0.0		0.0		1.0		0.0	0.0		0.0		0.0	
Total	187.0	117.0	221.0	406.0	106.0	72.0	84.0	132.0	141.0	185.0	155.0	183.0	Anual 1989.0
Días LI.	8	6	20	17	11	8	5	3	12	12	12	10	

Estación : MONDOMO
Año : 2002

Dpto. : CAUCA
Mpio. : SANTANDER DE Q.

Latitud : 2 ° 54 ' N
Longitud : 76 ° 33 ' W
Altitud : 1380 m

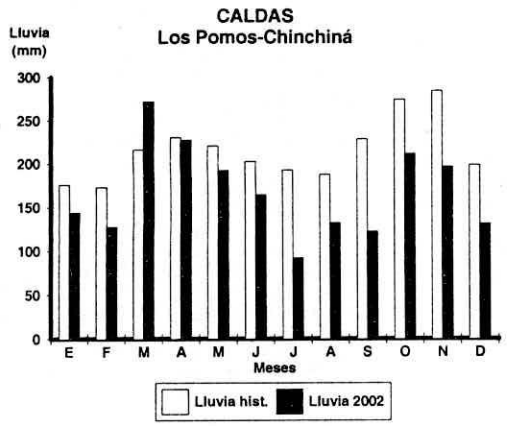
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	36.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	38.0	0.0	
3	0.0	9.0	16.0	0.0	0.0	27.0	20.0	0.0	0.0	0.0	7.0	0.0	
4	0.0	0.0	15.0	0.0	0.0	30.0	42.0	0.0	0.0	0.0	5.0	5.0	
5	9.0	10.0	0.0	9.0	0.0	22.0	0.0	0.0	0.0	0.0	6.0	17.0	
6	11.0	9.0	11.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	17.0	0.0	0.0	15.0	5.0	0.0	0.0	0.0	0.0	5.0	1.0	9.0	
8	25.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	28.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	3.0	20.0	20.0	
10	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	12.0	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	17.0	15.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	40.0	12.0	
13	15.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	
14	0.0	0.0	6.0	2.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
15	18.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	28.0	
17	0.0	0.0	2.0	15.0	12.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
18	0.0	0.0	1.0	12.0	4.0	0.0	12.0	0.0	5.0	0.0	0.0	0.0	
19	0.0	4.0	9.0	0.0	20.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	15.0	4.0	10.0	0.0	2.0	0.0	0.0	0.0	0.0	73.0	
21	13.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	9.0	17.0	0.0	0.0	
22	1.0	1.0	9.0	0.0	6.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	
23	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	19.0	1.0	0.0	0.0	0.0	5.0	35.0	0.0	0.0	
25	0.0	0.0	0.0	78.0	9.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
26	0.0	10.0	4.0	18.0	12.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	
27	0.0	18.0	0.0	0.0	3.0	0.0	0.0	1.0	4.0	10.0	0.0	0.0	
28	0.0	0.0	1.0	9.0	15.0	0.0	0.0	0.0	0.0	0.0	46.0	0.0	
29	0.0		0.0	8.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	1.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	6.0	0.0	8.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	3.0		0.0		16.0	
Total	140.0	78.0	129.0	207.0	107.0	83.0	81.0	53.0	71.0	135.0	202.0	206.0	Anual 1492.0
Días LI.	10	8	13	15	12	5	5	5	9	10	10	10	

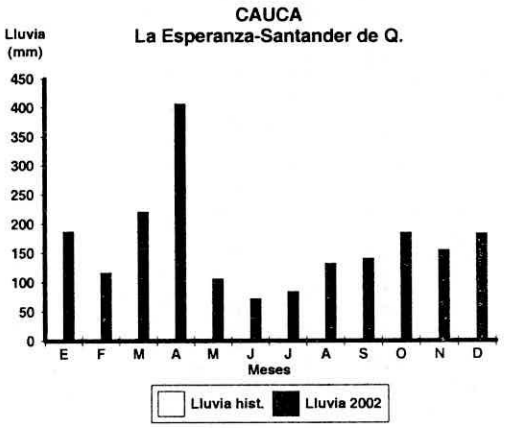
Estación : MADRIGAL
Año : 2002

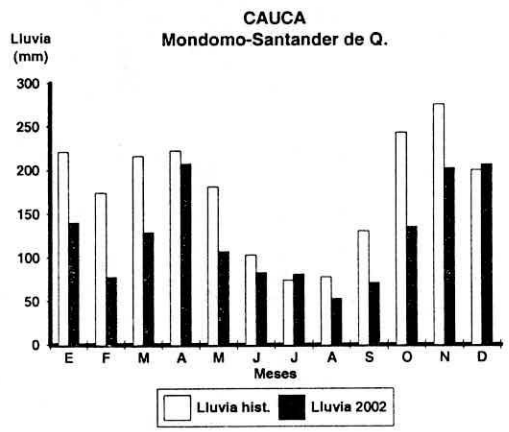
Dpto. : CAUCA
Mpio. : CALDONO

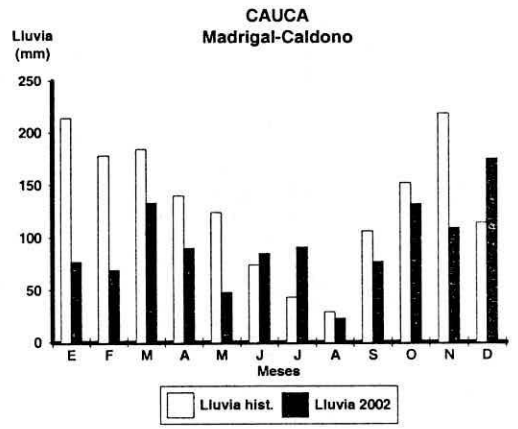
Latitud : 2 ° 51 ' N
Longitud : 76 ° 33 ' W
Altitud : 1480 m

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	9.0	0.0	10.0	0.0	
2	0.0	0.0	0.0	2.0	0.0	21.0	0.0	0.0	0.0	0.0	10.0	0.0	
3	0.0	0.0	0.0	14.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	23.0	80.0	0.0	0.0	0.0	0.0	9.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	
6	28.0	0.0	0.0	13.0	20.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	7.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	24.0	
9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
10	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	37.0	23.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	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	15.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	26.0	
16	0.0	0.0	0.0	7.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	17.0	
17	0.0	0.0	0.0	9.0	0.0	0.0	11.0	0.0	8.0	0.0	0.0	23.0	
18	0.0	0.0	55.0	0.0	11.0	0.0	0.0	0.0	0.0	10.0	5.0	30.0	
19	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	
20	0.0	0.0	25.0	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	0.0	0.0	0.0	33.0	13.0	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	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	17.0	11.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
25	0.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	0.0	15.0	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	13.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	27.0	0.0	
28	0.0	8.0	7.0	19.0	0.0	0.0	0.0	0.0	0.0	20.0	5.0	0.0	
29	0.0		12.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		10.0		0.0	
Total	77.0	69.0	133.0	90.0	48.0	85.0	91.0	23.0	77.0	132.0	109.0	175.0	Anual 1109.0
Días LI.	4	4	7	9	3	5	2	3	5	9	7	10	


CALDAS
Los Pomos-Chinchiná
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 2002


CAUCA
La Esperanza-Santander de Q.
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CAUCA
Mondomo-Santander de Q.
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 2002


CAUCA
Madrigal-Caldono
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : LA SUECIA
Año : 2002

Dpto. : CAUCA
Mpio. : EL TAMBO

Latitud : 2 ° 29 ' N
Longitud : 76 ° 50 ' W
Altitud : 1693 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	5.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	6.0	0.0	1.0	3.0	
2	11.0	0.0	0.0	2.0	0.0	19.0	0.0	0.0	40.0	0.0	50.0	10.0	
3	5.0	3.0	22.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	15.0	0.0	
4	10.0	5.0	11.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	15.0	0.0	
5	2.0	11.0	2.0	0.0	0.0	30.0	20.0	0.0	0.0	0.0	0.0	0.0	
6	5.0	0.0	0.0	18.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	30.0	
7	10.0	0.0	15.0	12.0	0.0	3.0	0.0	0.0	0.0	10.0	10.0	20.0	
8	34.0	0.0	0.0	3.0	0.0	2.0	0.0	0.0	0.0	0.0	23.0	8.0	
9	2.0	20.0	0.0	2.0	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	1.0	0.0	
11	6.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
12	13.0	9.0	59.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
13	1.0	25.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	16.0	
14	5.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	27.0	0.0	5.0	30.0	
15	4.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	1.0	1.0	22.0	
16	2.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	17.0	
17	0.0	0.0	2.0	38.0	0.0	0.0	0.0	0.0	0.0	3.0	8.0	4.0	
18	0.0	0.0	31.0	39.0	16.0	0.0	10.0	0.0	0.0	6.0	7.0	7.0	
19	0.0	2.0	10.0	41.0	2.0	0.0	0.0	0.0	0.0	20.0	15.0	15.0	
20	0.0	8.0	20.0	3.0	45.0	0.0	1.0	0.0	30.0	10.0	0.0	25.0	
21	0.0	0.0	2.0	0.0	5.0	0.0	12.0	0.0	1.0	33.0	0.0	3.0	
22	0.0	0.0	30.0	0.0	0.0	0.0	5.0	0.0	0.0	5.0	10.0	0.0	
23	0.0	0.0	0.0	20.0	0.0	0.0	2.0	0.0	0.0	15.0	0.0	0.0	
24	0.0	0.0	0.0	5.0	8.0	0.0	3.0	0.0	9.0	9.0	0.0	0.0	
25	0.0	5.0	0.0	30.0	3.0	0.0	0.0	0.0	32.0	12.0	0.0	20.0	
26	0.0	13.0	0.0	20.0	1.0	0.0	0.0	0.0	3.0	15.0	0.0	0.0	
27	0.0	10.0	0.0	0.0	9.0	0.0	0.0	1.0	12.0	10.0	0.0	6.0	
28	0.0	0.0	0.0	0.0	0.0	10.0	0.0	35.0	0.0	30.0	2.0	0.0	
29	0.0		0.0	5.0	0.0	5.0	0.0	40.0	0.0	15.0	0.0	0.0	
30	0.0		0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
31	0.0		0.0		5.0		0.0	0.0		10.0		0.0	
Total	125.0	116.0	216.0	249.0	104.0	122.0	83.0	76.0	160.0	225.0	172.0	237.0	Anual 1885.0
Días LI.	16	12	13	16	10	9	8	3	9	18	16	17	

Estación : PORTACHUELO
Año : 2002

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	0.0	0.0	8.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	
2	0.0	0.0	3.0	0.0	5.0	0.0	0.0	0.0	2.0	0.0	60.0	0.0	
3	0.0	0.0	0.0	15.0	0.0	15.0	0.0	1.0	0.0	0.0	4.5	0.0	
4	0.0	0.0	0.0	25.5	0.0	24.5	0.0	0.0	0.0	0.0	7.5	1.0	
5	0.0	2.0	1.5	39.0	0.0	8.0	0.0	0.0	0.0	3.0	3.5	5.0	
6	4.0	1.5	16.0	10.0	0.0	3.0	0.0	0.0	1.0	10.0	0.0	16.0	
7	6.0	12.0	35.0	6.0	10.0	1.0	0.0	0.0	0.0	0.0	0.0	7.0	
8	3.0	0.0	21.5	0.0	14.5	0.0	0.0	0.0	0.0	0.0	22.0	61.0	
9	.5	35.0	4.0	0.0	6.0	0.0	0.0	0.0	0.0	12.0	1.0	0.0	
10	2.0	14.0	1.0	0.0	9.0	0.0	0.0	0.0	0.0	5.0	7.0	37.0	
11	1.0	3.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	
12	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	2.0	25.0	0.0	
13	0.0	0.0	0.0	35.0	0.0	2.0	0.0	2.0	0.0	8.0	0.0	7.5	
14	0.0	0.0	17.0	0.0	0.0	1.0	0.0	0.0	3.0	0.0	0.0	14.0	
15	0.0	0.0	61.0	1.0	0.0	7.0	0.0	3.0	0.0	0.0	0.0	80.0	
16	10.0	0.0	27.0	.5	2.0	0.0	0.0	0.0	0.0	0.0	1.0	26.0	
17	13.0	0.0	11.0	7.0	12.0	0.0	0.0	0.0	0.0	1.0	0.0	6.5	
18	9.5	4.5	6.0	0.0	0.0	0.0	0.0	0.0	3.0	4.0	25.0	2.0	
19	3.5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	27.0	
20	1.0	17.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	38.0	
21	0.0	38.0	0.0	0.0	3.0	5.0	0.0	0.0	4.0	5.0	0.0	0.0	
22	0.0	29.5	9.0	0.0	1.5	0.0	0.0	0.0	0.0	13.0	0.0	0.0	
23	20.0	3.0	10.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	13.0	1.5	50.0	4.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
25	2.0	0.0	31.5	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
26	0.0	0.0	6.0	0.0	45.0	0.0	0.0	5.0	0.0	6.0	0.0	1.0	
27	0.0	0.0	3.5	8.0	32.5	1.5	0.0	0.0	5.0	0.0	0.0	0.0	
28	0.0	5.0	4.0	12.0	4.0	2.0	0.0	0.0	0.0	24.5	0.0	1.0	
29	0.0		0.0	0.0	15.5	0.0	0.0	0.0	0.0	2.5	2.0	1.0	
30	0.0		0.0	1.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		7.0		0.0	
Total	88.5	166.0	326.0	189.5	163.0	83.0	0.0	11.0	18.0	128.0	178.0	332.5	Anual 1683.5
Días LI.	14	13	20	17	14	12	0	4	6	17	13	18	

Estación : EL HELECHAL
Año : 2002

Dpto. : CESAR
Mpio. : PUEBLO BELLO

Latitud : 10 ° 26 ' N
Longitud : 73 ° 34 ' W
Altitud : 1447 m

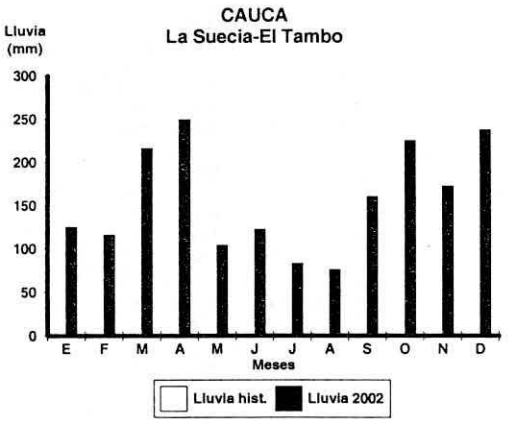
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	43.0	0.0	19.0	0.0	
2	0.0	3.0	0.0	0.0	0.0	4.0	0.0	3.0	1.0	0.0	5.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	32.0	0.0	27.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	48.0	0.0	25.0	0.0	4.0	12.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	3.0	0.0	12.0	0.0	0.0	0.0	0.0	50.0	0.0	
6	0.0	0.0	0.0	81.0	0.0	0.0	0.0	11.0	0.0	42.0	32.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	60.0	0.0	2.0	0.0	2.0	20.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	0.0	0.0	
9	0.0	0.0	0.0	19.0	8.0	3.0	0.0	0.0	43.0	6.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	3.0	6.0	0.0	4.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	15.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	25.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	30.0	0.0	23.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	12.0	0.0	
17	0.0	0.0	0.0	14.0	4.0	5.0	4.0	0.0	52.0	0.0	0.0	26.0	
18	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	4.0	4.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	3.0	4.0	15.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
21	0.0	0.0	0.0	19.0	4.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	43.0	0.0	11.0	0.0	0.0	3.0	17.0	12.0	26.0	0.0	
23	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	33.0	35.0	0.0	0.0	
24	0.0	0.0	0.0	54.0	34.0	0.0	0.0	7.0	10.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	55.0	0.0	0.0	7.0	3.0	5.0	0.0	0.0	
26	0.0	0.0	22.0	0.0	51.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	52.0	0.0	0.0	13.0	0.0	29.0	0.0	0.0	
28	0.0	0.0	2.0	0.0	25.0	0.0	0.0	32.0	16.0	19.0	0.0	0.0	
29	0.0		0.0	0.0	20.0	0.0	0.0	0.0	16.0	28.0	0.0	0.0	
30	0.0		0.0	0.0	19.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		3.0		0.0	19.0		0.0		0.0	
Total	0.0	3.0	74.0	246.0	325.0	150.0	7.0	149.0	297.0	270.0	164.0	74.0	Anual 1759.0
Días LI.	0	1	5	9	16	9	2	15	16	13	7	3	

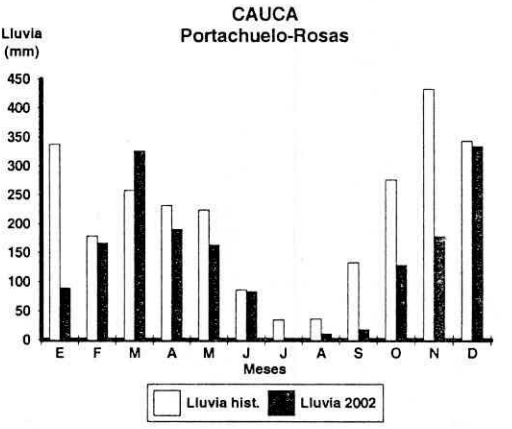
Estación : IRAN
Año : 2002

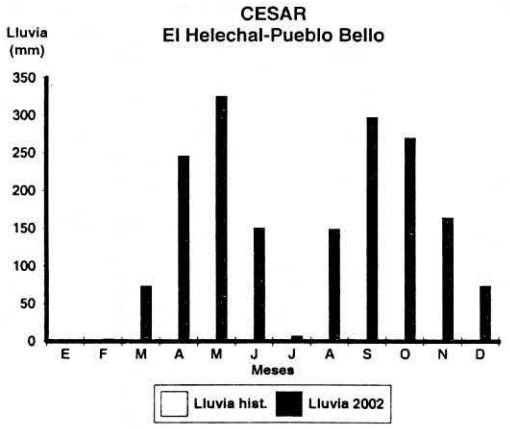
Dpto. : CORDOBA
Mpio. : PLANETA RICA

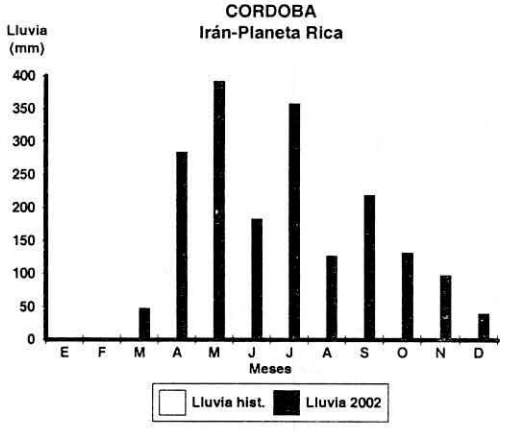
Latitud : 8 ° 26 ' N
Longitud : 75 ° 31 ' W
Altitud : 91 m

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	24.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	28.0	0.0	50.0	0.0	10.0	42.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	45.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
6	0.0	0.0	0.0	25.0	0.0	47.0	40.0	0.0	0.0	10.0	0.0	0.0	
7	0.0	0.0	0.0	5.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	30.0	20.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	5.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	10.0	
14	0.0	0.0	0.0	0.0	0.0	6.0	0.0	10.0	0.0	0.0	0.0	11.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	19.0	
17	0.0	0.0	0.0	12.0	40.0	0.0	133.0	0.0	70.0	10.0	0.0	0.0	
18	0.0	0.0	43.0	46.0	0.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	5.0	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	12.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	
21	0.0	0.0	5.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
22	0.0	0.0	0.0	25.0	0.0	0.0	0.0	42.0	0.0	0.0	28.0	0.0	
23	0.0	0.0	0.0	25.0	57.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
24	0.0	0.0	0.0	80.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	130.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	20.0	0.0	0.0	8.0	10.0	40.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	0.0	10.0	40.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	0.0	0.0	48.0	284.0	392.0	183.0	358.0	127.0	219.0	132.0	98.0	40.0	Anual 1881.0
Días LI.	0	0	2	11	7	7	9	6	7	5	6	3	


CAUCA
La Suecia-El Tambo
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 2002


CAUCA
Portachuelo-Rosas
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CESAR
El Helechal-Pueblo Bello
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 2002


CORDOBA
Irán-Planeta Rica
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : EL CAUCHO
Año : 2002

Dpto. : CORDOBA
Mpio. : PLANETA RICA

Latitud : 8 ° 26 ' N
Longitud : 75 ° 32 ' W
Altitud : 87 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	20.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	25.0	0.0	55.0	0.0	0.0	50.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	5.0	0.0	0.0	0.0
5	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
6	0.0	0.0	0.0	38.0	0.0	50.0	35.0	0.0	0.0	2.5	0.0	5.0
7	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	35.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	5.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	5.0
14	0.0	0.0	0.0	0.0	0.0	5.0	0.0	5.0	0.0	0.0	0.0	10.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	15.0
17	0.0	0.0	0.0	15.0	60.0	0.0	110.0	0.0	35.0	8.0	0.0	0.0
18	0.0	0.0	45.0	35.0	0.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0
19	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	5.0	0.0	25.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0
21	0.0	0.0	5.0	0.0	42.5	0.0	0.0	0.0	0.0	0.0	7.5	0.0
22	0.0	0.0	0.0	25.0	0.0	0.0	0.0	60.0	0.0	0.0	17.5	0.0
23	0.0	0.0	0.0	20.0	30.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0
24	0.0	0.0	0.0	85.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	125.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	25.0	0.0	0.0	5.0	10.0	50.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.0	0.0	0.0	25.0	25.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
Total	0.0	0.0	55.0	273.0	307.5	170.0	337.5	140.0	185.0	73.0	90.0	35.0
Días LI.	0	0	3	10	6	6	9	6	7	5	6	4

Anual 1666.0

Estación : EL JARDIN
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : YACOPI

Latitud : 5 ° 27 ' N
Longitud : 74 ° 19 ' W
Altitud : 1245 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	5.0	5.0	15.0	8.0	0.0	0.0	0.0	5.0	6.0	0.0	10.0
2	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	3.0	0.0	8.0
3	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	12.0	5.0
4	0.0	0.0	0.0	8.0	0.0	11.0	0.0	0.0	10.0	0.0	0.0	3.0
5	0.0	0.0	0.0	30.0	15.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
6	5.0	15.0	7.0	5.0	10.0	0.0	7.0	0.0	0.0	8.0	0.0	0.0
7	0.0	6.0	15.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
8	0.0	2.0	0.0	0.0	0.0	3.0	0.0	8.0	0.0	35.0	0.0	0.0
9	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0
10	7.0	0.0	0.0	45.0	17.0	0.0	0.0	0.0	8.0	0.0	18.0	0.0
11	11.0	0.0	10.0	11.0	5.0	8.0	0.0	0.0	0.0	0.0	10.0	0.0
12	0.0	8.0	0.0	10.0	4.0	0.0	0.0	0.0	20.0	18.0	9.0	0.0
13	0.0	0.0	0.0	0.0	0.0	7.0	15.0	0.0	0.0	0.0	7.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	25.0	0.0	0.0
15	0.0	25.0	0.0	0.0	31.0	0.0	0.0	15.0	0.0	10.0	0.0	0.0
16	0.0	0.0	5.0	25.0	10.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
17	5.0	7.0	6.0	0.0	7.0	15.0	0.0	0.0	0.0	0.0	0.0	8.0
18	0.0	3.0	7.0	0.0	2.0	6.0	0.0	0.0	28.0	0.0	35.0	0.0
19	0.0	5.0	0.0	0.0	11.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	18.0	5.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
21	0.0	0.0	9.0	7.0	0.0	7.0	0.0	3.0	16.0	0.0	0.0	0.0
22	0.0	0.0	0.0	4.0	7.0	16.0	0.0	0.0	7.0	0.0	15.0	12.0
23	0.0	5.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
24	5.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	3.0	35.0	9.0	0.0
25	3.0	0.0	3.0	0.0	19.0	25.0	0.0	18.0	12.0	20.0	7.0	0.0
26	2.0	20.0	10.0	0.0	3.0	0.0	2.0	0.0	0.0	12.0	6.0	0.0
27	0.0	0.0	0.0	15.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
28	0.0	0.0	8.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		9.0	8.0	22.0	0.0	0.0	20.0	5.0	0.0	0.0	0.0
30	0.0		10.0	25.0	14.0	5.0	0.0	0.0	10.0	10.0	12.0	0.0
31	0.0		7.0		0.0		10.0	7.0		0.0		0.0
Total	38.0	101.0	111.0	268.0	236.0	108.0	37.0	71.0	161.0	201.0	177.0	92.0
Días LI.	7	11	14	16	22	11	5	6	13	13	13	8

Anual 1601.0

Estación : CANAIMA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : LA PALMA

Latitud : 5 ° 21 ' N
Longitud : 74 ° 25 ' W
Altitud : 1550 m

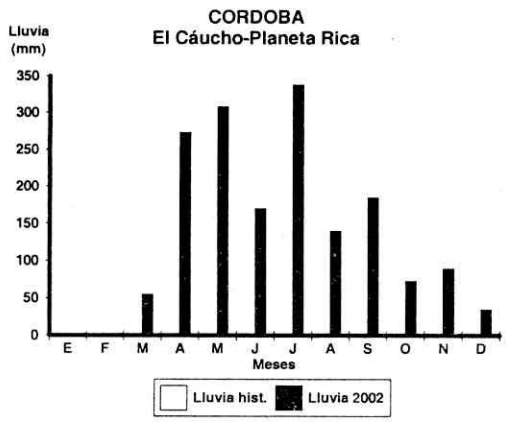
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	37.3	
2	0.0	0.0	0.0	0.0	0.0	27.8	20.6	0.0	0.0	0.0	0.0	0.0	
3	0.0	12.5	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	85.6	0.0	
4	0.0	0.0	0.0	0.0	0.0	33.3	29.8	0.0	0.0	12.8	25.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	40.2	0.0	0.0	0.0	0.0	10.4	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	
7	0.0	0.0	0.0	29.8	0.0	46.9	0.0	0.0	0.0	0.0	20.3	38.9	
8	0.0	8.6	0.0	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	30.3	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	
10	0.0	0.0	0.0	0.0	0.0	35.6	0.0	0.0	0.0	35.3	0.0	0.0	
11	0.0	0.0	30.0	10.2	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	10.0	0.0	40.3	0.0	0.0	0.0	0.0	0.0	40.9	25.0	0.0	
13	0.0	0.0	10.8	30.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	20.6	50.5	10.4	0.0	0.0	0.0	20.3	0.0	30.4	18.8	
15	0.0	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	25.8	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0	15.2	
17	0.0	20.4	25.9	26.5	40.9	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	25.5	0.0	12.8	0.0	30.6	0.0	
19	0.0	0.0	0.0	10.0	0.0	0.0	35.4	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	2.0	30.7	0.0	0.0	0.0	0.0	70.6	0.0	49.4	
21	0.0	0.0	23.0	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	1.0	0.0	42.0	0.0	0.0	0.0	0.0	14.3	52.0	0.0	0.0	
24	0.0	0.0	0.0	50.3	0.0	0.0	0.0	0.0	0.0	22.8	0.0	0.0	
25	0.0	15.4	10.2	25.5	50.6	0.0	0.0	0.0	0.0	32.5	0.0	0.0	
26	20.2	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	15.8	26.8	20.3	0.0	0.0	12.0	10.8	60.8	0.0	0.0	
28	0.0	0.0	0.0	30.3	0.0	0.0	0.0	0.0	0.0	0.0	20.8	0.0	
29	15.5		10.6	0.0	30.9	0.0	40.5	0.0	0.0	30.4	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	35.7	127.8	146.9	451.1	183.8	152.1	197.4	12.0	68.8	364.5	263.9	170.0	Anual 2174.0
Días LI.	2	9	8	16	6	5	7	1	5	10	9	6	

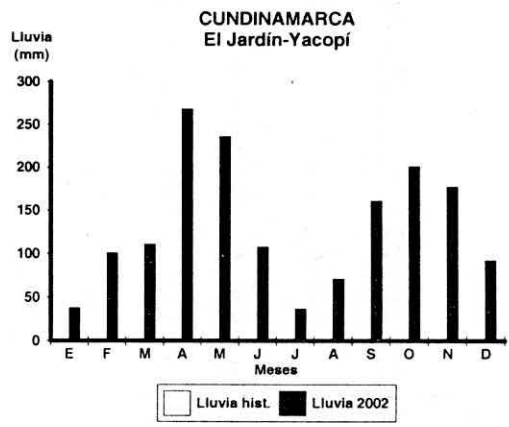
Estación : LA VISTOSA
Año : 2002

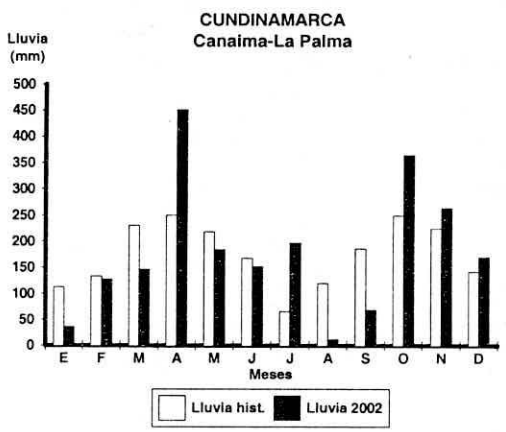
Dpto. : CUNDINAMARCA
Mpio. : TOPAIPI

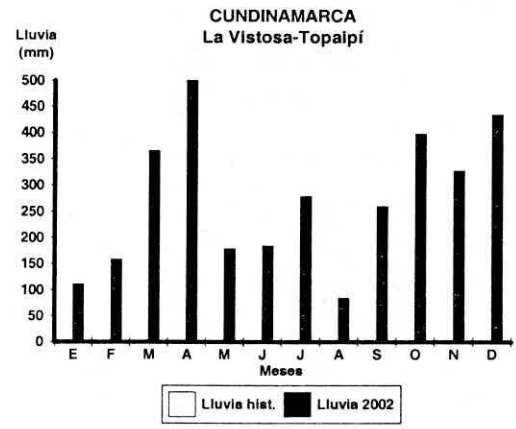
Latitud : 5 ° 20 ' N
Longitud : 74 ° 16 ' W
Altitud : 1374 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	14.2	0.0	15.7	22.3	33.5	0.0	0.0	26.1	0.0	14.7	17.7	
2	0.0	0.0	0.0	36.7	0.0	14.6	0.0	0.0	0.0	0.0	7.5	29.6	
3	0.0	0.0	0.0	7.2	13.6	15.2	16.6	8.3	0.0	0.0	6.6	6.8	
4	0.0	3.8	3.7	11.3	0.0	13.2	54.3	0.0	0.0	33.8	17.0	2.0	
5	0.0	0.0	28.6	19.0	0.0	47.3	89.6	0.0	0.0	0.0	6.5	17.0	
6	0.0	0.0	29.2	18.7	0.0	0.0	0.0	0.0	24.0	0.0	40.5	18.4	
7	0.0	0.0	5.2	0.0	0.0	1.6	6.4	7.2	0.0	45.7	41.0	7.0	
8	0.0	9.6	0.0	7.9	3.6	45.4	0.0	0.0	0.0	0.0	13.3	0.0	
9	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	18.7	0.0	0.0	
10	0.0	3.7	0.0	3.2	11.3	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
11	0.0	3.9	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.9	
12	11.7	18.2	6.7	7.2	3.6	0.0	15.0	0.0	0.0	0.0	0.0	6.8	
13	0.0	11.8	48.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	74.8	17.0	
14	16.3	25.2	28.8	15.2	0.0	13.4	0.0	0.0	0.0	35.0	18.8	18.5	
15	4.8	0.0	2.6	53.2	0.0	0.0	0.0	0.0	0.0	2.5	0.0	17.8	
16	0.0	0.0	58.0	8.3	15.3	0.0	0.0	0.0	12.5	13.0	0.0	20.3	
17	4.5	3.6	28.4	17.2	0.0	0.0	13.9	0.0	0.0	24.5	0.0	13.4	
18	0.0	10.6	17.2	6.3	14.7	0.0	0.0	0.0	19.0	0.0	0.0	27.6	
19	0.0	13.2	6.3	50.5	19.3	0.0	0.0	0.0	0.0	8.0	2.4	0.0	
20	0.0	0.0	2.2	12.0	0.0	0.0	26.9	0.0	0.0	44.0	0.0	0.0	
21	4.8	0.0	19.8	0.0	1.3	0.0	0.0	0.0	0.0	12.4	0.0	0.0	
22	0.0	23.5	9.3	13.0	22.4	0.0	0.0	0.0	0.0	0.0	0.0	25.7	
23	16.5	9.6	0.0	44.3	0.0	0.0	18.0	0.0	29.3	31.5	0.0	0.0	
24	41.5	0.0	34.3	58.4	6.3	0.0	38.0	0.0	0.0	27.6	40.4	15.3	
25	0.0	0.0	0.0	5.3	14.8	0.0	0.0	3.8	43.8	16.5	5.3	37.4	
26	0.0	6.6	7.8	4.8	0.0	0.0	0.0	18.5	52.3	7.4	0.0	33.6	
27	0.0	1.6	19.3	0.0	16.3	0.0	0.0	11.3	37.2	36.8	0.0	16.3	
28	0.0	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	47.5	
29	0.0		5.2	61.7	0.0	0.0	0.0	19.5	15.5	14.2	0.0	0.0	
30	0.0		0.0	0.0	4.2	0.0	0.0	3.4	0.0	0.0	39.0	0.0	
31	10.6		4.2		0.0		0.0	13.2		26.5		0.0	
Total	110.7	159.1	365.7	500.4	179.4	184.2	278.7	85.2	259.7	398.1	327.8	434.6	Anual 3283.6
Días LI.	8	15	20	25	15	8	9	8	9	17	14	22	


CORDOBA
El Cáucho-Planeta Rica
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 2002


CUNDINAMARCA
El Jardín-Yacopí
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 2002


CUNDINAMARCA
Canaima-La Palma
Lluvia (mm)
500
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CUNDINAMARCA
La Vistosa-Topaipí
Lluvia (mm)
500
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : CERINZA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : VERGARA

Latitud : 5 ° 9 ' N
Longitud : 74 ° 16 ' W
Altitud : 1450 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	7.3	4.3	0.0	0.0	0.0	0.0				
2	0.0	0.0	0.0	3.2	0.0	18.7	0.0	0.0	0.0				
3	0.0	1.9	0.0	17.4	4.7	7.9	0.0	0.0	0.0				
4	0.0	0.0	6.9	2.6	0.0	2.6	3.6	0.0	0.0				
5	0.0	0.0	0.0	3.3	0.0	18.9	59.2	0.0	0.0				
6	0.0	23.5	10.2	0.0	0.0	39.5	0.0	0.0	0.0				
7	5.7	27.1	22.5	37.9	0.0	0.0	0.0	0.0	10.0				
8	0.0	17.7	0.0	41.2	0.0	0.0	0.0	3.2	5.0				
9	0.0	19.8	0.0	26.8	0.0	0.0	0.0	0.0	6.0				
10	0.0	13.8	3.9	0.0	2.1	0.0	0.0	0.0	0.0				
11	0.0	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12	64.9	2.7	6.3	24.2	2.4	0.0	0.0	0.0	0.0				
13	0.0	7.9	17.7	12.4	5.2	0.0	0.0	0.0	0.0				
14	0.0	5.5	4.7	15.9	0.0	0.0	0.0	0.0	0.0				
15	0.0	0.0	23.5	2.6	0.0	2.9	0.0	0.0	0.0				
16	0.0	0.0	42.8	2.2	0.0	0.0	0.0	0.0	4.0				
17	0.0	1.2	11.5	0.0	4.4	0.0	0.0	0.0	2.9				
18	1.6	0.0	36.9	26.2	2.0	0.0	0.0	0.0	0.0				
19	0.0	0.0	52.7	0.0	0.0	0.0	0.0	0.0	0.0				
20	0.0	0.0	2.5	26.3	4.2	0.0	40.9	0.0	0.0				
21	4.2	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0				
22	0.0	0.0	15.2	0.0	24.5	0.0	0.0	0.0	5.1				
23	0.0	0.0	3.2	34.8	2.6	0.0	0.0	0.0	27.3				
24	0.0	0.0	0.0	81.3	0.0	0.0	0.0	0.0	5.9				
25	0.0	0.0	0.0	4.4	24.6	0.0	0.0	0.0	12.5				
26	0.0	4.5	0.0	4.9	18.2	0.0	0.0	3.5	19.2				
27	0.0	0.0	2.2	11.5	12.6	0.0	0.0	9.3	12.2				
28	0.0	13.5	0.0	4.4	41.7	0.0	0.0	55.8	0.0				
29	0.0		2.2	0.0	1.4	0.0	0.0	67.7	0.0				
30	1.4		3.6	0.0	4.8	0.0	0.0	0.0	0.0				
31	0.0		0.0		0.0		0.0	0.0					
													Anual
Total	77.8	162.8	271.7	390.8	159.7	90.5	103.7	139.5	110.1				
Días LI.	5	13	19	21	16	6	3	5	11				

Estación : LA FLORIDA
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : VERGARA

Latitud : 5 ° 5 ' N
Longitud : 74 ° 18 ' W
Altitud : 1400 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	3.0	2.0	6.0	0.0	0.0		3.0	0.0			
2	0.0	4.0	0.0	34.0	10.0	8.0	0.0		0.0	0.0			
3	0.0	0.0	0.0	38.0	3.0	0.0	0.0		0.0	0.0			
4	0.0	26.0	2.0	0.0	1.0	0.0	0.0		0.0	0.0			
5	0.0	8.0	0.0	1.0	0.0	11.0	33.0		0.0	0.0			
6	1.0	0.0	7.0	0.0	0.0	8.0	0.0		0.0	0.0			
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0			
8	0.0	32.0	0.0	51.0	0.0	9.0	0.0		0.0	12.0			
9	0.0	0.0	0.0	27.0	0.0	3.0	0.0		0.0	7.0			
10	0.0	1.0	0.0	0.0	9.0	0.0	0.0		0.0	0.0			
11	0.0	0.0	11.0	0.0	4.0	0.0	9.0		0.0	0.0			
12	0.0	40.0	0.0	48.0	1.0	0.0	0.0		0.0	0.0			
13	0.0	3.0	1.0	6.0	8.0	0.0	0.0		3.0	0.0			
14	3.0	8.0	0.0	26.0	0.0	10.0	0.0		0.0	0.0			
15	0.0	0.0	35.0	4.0	0.0	3.0	0.0		0.0	40.0			
16	0.0	10.0	19.0	1.0	0.0	6.0	0.0		0.0	12.0			
17	0.0	27.0	2.0	0.0	3.0	1.0	0.0		0.0	0.0			
18	0.0	0.0	4.0	14.0	20.0	0.0	0.0		0.0	0.0			
19	0.0	7.0	0.0	15.0	0.0	0.0	0.0		0.0	9.0			
20	0.0	9.0	0.0	10.0	19.0	15.0	3.0		0.0	1.0			
21	0.0	5.0	0.0	3.0	0.0	4.0	0.0		0.0	11.0			
22	0.0	0.0	5.0	0.0	0.0	9.0	0.0		0.0	0.0			
23	0.0	11.0	0.0	28.0	10.0	0.0	0.0		7.0	0.0			
24	0.0	0.0	9.0	65.0	0.0	0.0	11.0		63.0	0.0			
25	0.0	0.0	0.0	8.0	11.0	0.0	0.0		8.0	14.0			
26	0.0	17.0	22.0	0.0	15.0	2.0	3.0		22.0	22.0			
27	0.0	4.0	3.0	16.0	16.0	1.0	0.0		23.0	44.0			
28	5.0	0.0	1.0	4.0	25.0	0.0	0.0		0.0	0.0			
29	0.0		11.0	26.0	0.0	0.0	0.0		0.0	45.0			
30	0.0		0.0	0.0	5.0	0.0	0.0		0.0	0.0			
31	0.0		0.0		0.0		0.0			0.0			
													Anual
Total	9.0	212.0	135.0	427.0	166.0	90.0	59.0		129.0	217.0			
Días LI.	3	16	15	21	17	14	5		7	11			

Estación : LA ESPERANZA
Año : 2002

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	4.0	0.0	0.0	0.0	0.0	0.0	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	10.0	3.0	0.0
3	0.0	0.0	18.0	0.0	0.0	4.0	0.0	0.0	0.0	1.0	20.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	30.0	0.0	40.0
5	0.0	30.0	9.0	0.0	0.0	0.0	76.0	0.0	0.0	0.0	9.0	28.0
6	0.0	0.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
7	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
8	0.0	0.0	39.0	40.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	13.0
9	0.0	5.0	0.0	31.0	10.0	60.0	0.0	0.0	0.0	10.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	9.0
11	0.0	29.0	1.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	2.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	6.0	0.0
13	0.0	3.0	0.0	0.0	0.0	21.0	5.0	0.0	0.0	0.0	4.0	13.0
14	33.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	30.0
15	0.0	0.0	14.0	0.0	20.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	34.0
17	0.0	0.0	11.0	0.0	12.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0
18	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0
19	0.0	0.0	3.0	19.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
20	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	25.0	0.0
22	0.0	5.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	3.0	0.0	0.0
24	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	10.0	0.0	0.0	7.0	35.0	0.0	0.0	0.0
26	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	13.0	13.0	0.0	20.0	0.0	0.0	5.0	35.0	32.0	4.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	5.0	0.0
29	0.0		0.0	36.0	0.0	0.0	0.0	40.0	0.0	0.0	23.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		36.0		80.0		0.0	0.0		0.0		0.0
Total	33.0	87.0	174.0	266.0	182.0	122.0	84.0	82.0	142.0	171.0	129.0	183.0
Días LI.	1	7	10	11	9	5	3	4	6	14	11	8

Anual 1655.0

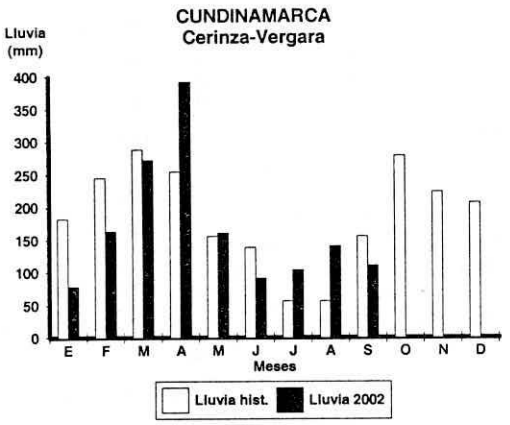
Estación : ICALI
Año : 2002

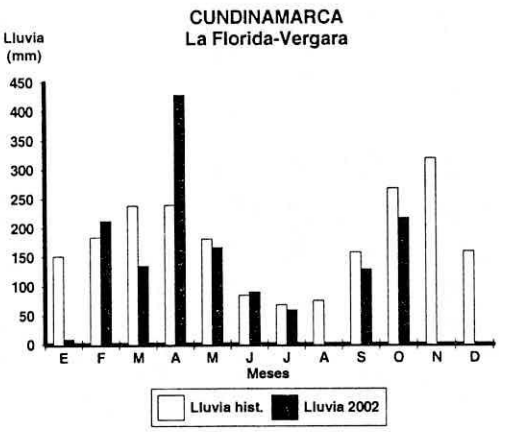
Dpto. : CUNDINAMARCA
Mpio. : SASAIMA

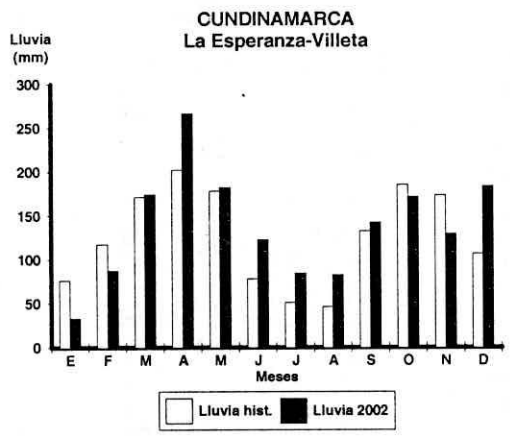
Latitud : 4 ° 57 'N
Longitud : 74 ° 26 'W
Altitud : 1380 m

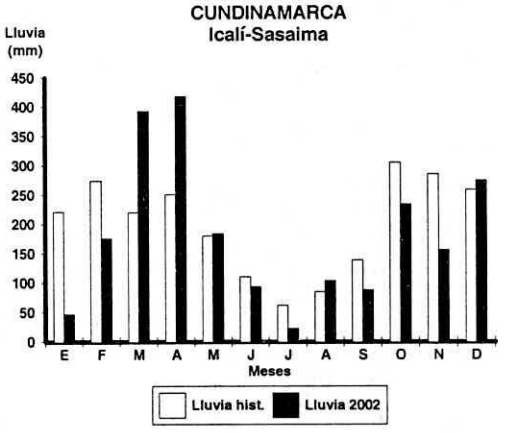
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	8.0	14.0	18.0	0.0	0.0	0.0	0.0	0.0	30.0
2	0.0	3.0	73.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	4.0	0.0
3	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0
4	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0
5	0.0	0.0	52.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	20.0
6	0.0	11.0	5.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	20.0	51.0
7	0.0	0.0	22.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
8	0.0	22.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0
9	0.0	24.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	11.0	20.0	0.0
10	0.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	6.0	13.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	8.0	2.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	12.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0
14	0.0	30.0	17.0	7.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	28.0
15	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0
16	0.0	0.0	10.0	5.0	11.0	0.0	0.0	0.0	0.0	9.0	0.0	32.0
17	0.0	0.0	4.0	18.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	36.0
18	0.0	0.0	34.0	25.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	18.0
19	5.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	25.0	0.0	7.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
21	0.0	0.0	12.0	30.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
22	0.0	0.0	8.0	15.0	34.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
23	0.0	0.0	0.0	27.0	12.0	0.0	0.0	0.0	18.0	10.0	0.0	0.0
24	0.0	0.0	7.0	21.0	8.0	0.0	0.0	0.0	0.0	80.0	0.0	23.0
25	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	15.0	10.0	0.0	0.0
26	0.0	4.0	8.0	10.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	12.0	0.0	23.0	5.0	0.0	0.0	13.0	0.0	20.0	0.0	0.0
28	0.0	2.0	31.0	27.0	9.0	0.0	0.0	35.0	0.0	10.0	0.0	0.0
29	0.0		0.0	20.0	7.0	70.0	0.0	52.0	0.0	15.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0
31	0.0		0.0		39.0		0.0	4.0		10.0		0.0
Total	47.0	176.0	393.0	418.0	184.0	94.0	23.0	104.0	88.0	234.0	156.0	275.0
Días LI.	3	12	18	21	11	3	2	4	4	12	9	10

Anual 2192.0


CUNDINAMARCA
Cerinza-Vergara
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CUNDINAMARCA
La Florida-Vergara
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CUNDINAMARCA
La Esperanza-Villeta
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 2002


CUNDINAMARCA
Icalí-Sasaima
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : HONDURAS
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : LA MESA

Latitud : 4 ° 38 ' N
Longitud : 74 ° 28 ' W
Altitud : 1200 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	20.0	0.0	5.0	0.0	0.0	2.0	0.0	0.0	0.0	
2	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	
3	6.0	3.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	4.0	0.0	
4	0.0	0.0	1.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	27.0	2.0	
5	0.0	2.0	8.0	1.0	0.0	30.0	2.0	0.0	0.0	0.0	13.0	0.0	
6	3.0	8.0	26.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	19.0	15.0	90.0	0.0	9.0	0.0	0.0	0.0	0.0	15.0	10.0	
8	0.0	1.0	1.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	59.0	
9	8.0	15.0	0.0	52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
10	0.0	0.0	0.0	5.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	
11	40.0	1.0	3.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	5.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	6.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	3.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	25.0	
15	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	
16	0.0	0.0	3.0	7.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
17	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	5.0	
18	0.0	0.0	10.0	68.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
19	0.0	0.0	26.0	2.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	5.0	
20	2.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	
21	3.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
22	0.0	0.0	33.0	1.0	5.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
23	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	5.0	5.0	0.0	0.0	0.0	26.0	6.0	0.0	0.0	
25	0.0	0.0	0.0	14.0	7.0	0.0	0.0	0.0	6.0	15.0	0.0	0.0	
26	0.0	28.0	0.0	15.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	1.0	1.0	8.0	25.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
28	0.0	0.0	79.0	4.0	15.0	8.0	0.0	0.0	0.0	56.0	0.0	38.0	
29	0.0		0.0	10.0	12.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
30	0.0		0.0	0.0	4.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
31	1.0		6.0		3.0		0.0	40.0		0.0		0.0	
Total	71.0	92.0	246.0	406.0	100.0	58.0	15.0	40.0	41.0	157.0	127.0	191.0	Anual 1544.0
Días Ll.	9	11	17	23	9	5	3	1	5	11	8	9	

Estación : PINAR DEL RIO
Año : 2002

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	0.0	0.0	0.0	2.0	0.0	4.0	0.0	0.0					
2	0.0	0.0	0.0	20.0	0.0	16.0	2.0	0.0					
3	0.0	9.0	0.0	0.0	0.0	12.0	2.0	2.0					
4	0.0	8.0	0.0	15.0	0.0	10.0	3.0	3.0					
5	0.0	0.0	1.0	4.0	0.0	0.0	5.0	0.0					
6	0.0	7.0	0.0	15.0	0.0	20.0	2.0	0.0					
7	0.0	2.0	4.0	13.0	10.0	0.0	14.0	0.0					
8	0.0	6.0	0.0	68.0	0.0	18.0	0.0	5.0					
9	10.0	6.0	0.0	21.0	0.0	3.0	0.0	0.0					
10	0.0	0.0	0.0	18.0	2.0	3.0	0.0	0.0					
11	0.0	0.0	0.0	3.0	3.0	3.0	0.0	0.0					
12	6.0	0.0	7.0	12.0	0.0	0.0	0.0	3.0					
13	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0					
14	1.0	0.0	8.0	0.0	0.0	5.0	0.0	0.0					
15	1.0	0.0	0.0	0.0	0.0	5.0	0.0	3.0					
16	0.0	0.0	0.0	1.0	0.0	5.0	0.0	2.0					
17	0.0	0.0	4.0	2.0	0.0	3.0	5.0	2.0					
18	0.0	0.0	39.0	2.0	30.0	0.0	6.0	0.0					
19	0.0	0.0	8.0	28.0	0.0	4.0	0.0	2.0					
20	0.0	0.0	9.0	1.0	0.0	0.0	0.0	0.0					
21	4.0	0.0	15.0	2.0	0.0	8.0	21.0	0.0					
22	0.0	0.0	1.0	3.0	1.0	4.0	0.0	2.0					
23	0.0	1.0	0.0	20.0	5.0	0.0	0.0	2.0					
24	0.0	0.0	0.0	17.0	2.0	2.0	0.0	0.0					
25	0.0	1.0	0.0	19.0	30.0	0.0	15.0	22.0					
26	0.0	0.0	0.0	17.0	3.0	1.0	0.0	0.0					
27	0.0	7.0	32.0	25.0	10.0	0.0	0.0	0.0					
28	0.0	1.0	0.0	1.0	35.0	5.0	1.0	0.0					
29	0.0		24.0	1.0	4.0	7.0	0.0	6.0					
30	0.0		0.0	0.0	10.0	0.0	5.0	0.0					
31	0.0		0.0		5.0		0.0	0.0					
Total	22.0	48.0	152.0	335.0	150.0	138.0	81.0	54.0					Anual
Días Ll.	5	10	12	26	14	20	12	12					

Estación : SAN LUIS
Año : 2002

Dpto. : CUNDINAMARCA
Mpio. : ARBELAEZ

Latitud : 4 ° 14 ' N
Longitud : 74 ° 26 ' W
Altitud : 1700 m

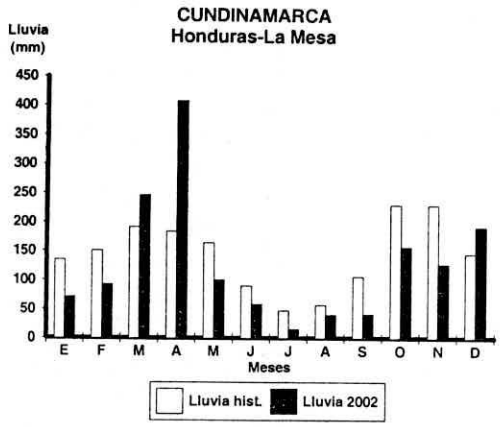
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	6.3	0.0	4.5	0.0	0.0	4.9	2.0	2.4	0.0	
2	0.0	0.0	0.0	8.9	0.0	3.9	0.0	1.9	0.0	0.0	1.1	0.0	
3	0.0	0.0	0.0	6.1	10.0	6.4	0.0	0.0	4.2	0.0	6.1	0.0	
4	0.0	0.0	27.5	0.0	0.0	12.2	12.1	0.0	0.0	0.0	8.6	0.0	
5	0.0	34.8	0.0	0.0	0.0	.7	47.9	0.0	0.0	7.1	7.1	0.0	
6	3.4	15.4	0.0	14.2	0.0	4.3	0.0	0.0	0.0	0.0	10.7	0.0	
7	7.2	0.0	0.0	0.0	4.1	6.5	0.0	0.0	0.0	0.0	2.1	0.0	
8	0.0	31.4	0.0	38.1	0.0	17.7	0.0	6.5	.5	3.6	3.5	3.4	
9	0.0	2.5	0.0	30.2	0.0	2.1	0.0	2.5	0.0	0.0	1.2	0.0	
10	13.3	1.2	0.0	1.1	1.5	3.6	1.4	0.0	0.0	0.0	.2	0.0	
11	0.0	0.0	0.0	1.6	6.0	2.8	7.1	0.0	0.0	10.0	1.2	0.0	
12	0.0	0.0	15.8	9.3	1.0	.5	0.0	0.0	0.0	6.0	0.0	0.0	
13	0.0	0.0	0.0	1.9	0.0	8.1	0.0	0.0	0.0	1.0	0.0	0.0	
14	0.0	0.0	0.0	1.2	40.0	1.4	0.0	0.0	0.0	0.0	0.0	12.9	
15	0.0	0.0	9.4	0.0	1.4	0.0	1.4	1.1	0.0	0.0	0.0	26.4	
16	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	34.2	
17	0.0	0.0	0.0	.7	1.2	0.0	7.2	0.0	0.0	30.0	0.0	.7	
18	0.0	0.0	49.1	0.0	10.0	3.2	0.0	0.0	32.2	0.0	0.0	0.0	
19	0.0	0.0	1.3	30.1	0.0	0.0	0.0	0.0	0.0	4.0	0.0	3.1	
20	0.0	0.0	.1	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	9.2	
21	0.0	0.0	17.1	0.0	0.0	1.3	0.0	0.0	0.0	6.8	0.0	0.0	
22	0.0	0.0	0.0	1.7	3.1	0.0	4.1	0.0	0.0	7.9	0.0	0.0	
23	0.0	0.0	4.1	.2	2.1	0.0	0.0	0.0	0.0	8.5	0.0	0.0	
24	0.0	0.0	0.0	9.8	1.6	2.5	0.0	0.0	10.6	3.6	3.5	0.0	
25	0.0	0.0	0.0	10.1	2.5	2.6	0.0	2.9	14.1	2.9	0.0	0.0	
26	0.0	.9	2.1	3.6	2.1	1.4	0.0	0.0	16.1	4.6	0.0	0.0	
27	0.0	0.0	1.9	15.9	11.2	0.0	0.0	0.0	11.2	6.2	0.0	0.0	
28	1.6	0.0	4.6	0.0	13.1	0.0	0.0	0.0	2.1	3.9	0.0	0.0	
29	0.0		2.5	0.0	3.8	0.0	0.0	0.0	0.0	1.2	0.0	0.0	
30	0.0		3.1	2.1	6.5	0.0	6.1	0.0	0.0	29.1	0.0	0.0	
31	0.0		4.5		0.0		3.5	25.1		13.1		0.0	
Total	25.5	86.2	143.1	193.1	121.2	88.2	99.7	40.0	95.9	151.5	47.7	89.9	Anual 1182.0
Días LI.	4	6	14	20	18	20	10	6	9	19	12	7	

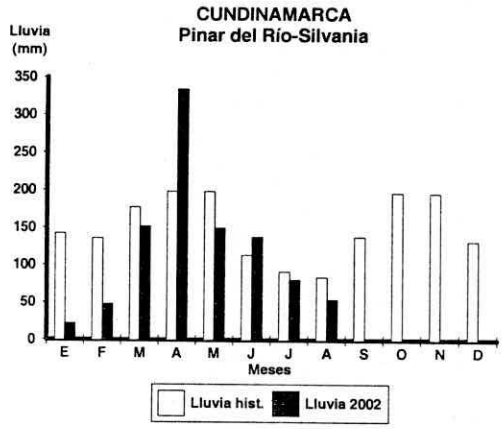
Estación : CORRALES
Año : 2002

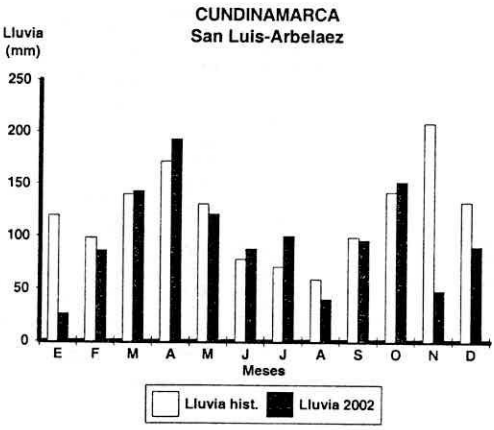
Dpto. : HUILA
Mpio. : TERUEL

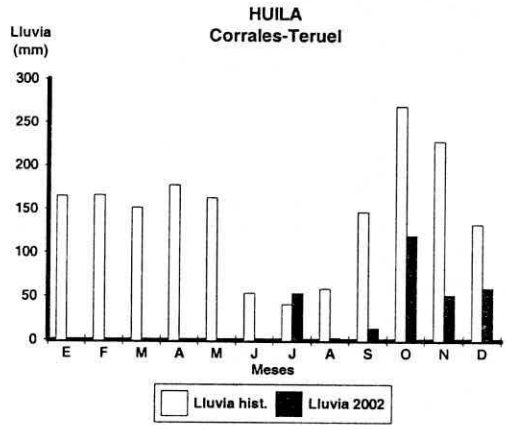
Latitud : 2 ° 43 ' N
Longitud : 75 ° 33 ' W
Altitud : 1450 m

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	
2							0.0	0.0	0.0	0.0	0.0	0.0	
3							1.0	1.0	0.0	0.0	3.0	0.0	
4							0.0	0.0	4.0	0.0	10.0	0.0	
5							0.0	0.0	0.0	5.0	0.0	0.0	
6							4.0	0.0	0.0	0.0	0.0	0.0	
7							0.0	0.0	0.0	0.0	0.0	0.0	
8							0.0	0.0	0.0	0.0	0.0	0.0	
9							0.0	0.0	0.0	0.0	5.0	0.0	
10							0.0	0.0	0.0	0.0	6.0	0.0	
11							3.0	0.0	0.0	0.0	2.0	0.0	
12							2.0	0.0	0.0	10.0	0.0	0.0	
13							0.0	0.0	0.0	0.0	0.0	8.0	
14							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	
16							0.0	0.0	0.0	0.0	0.0	5.0	
17							0.0	0.0	3.0	5.0	0.0	12.0	
18							9.0	0.0	0.0	0.0	0.0	17.0	
19							17.0	0.0	0.0	0.0	0.0	0.0	
20							5.0	0.0	0.0	0.0	0.0	4.0	
21							6.0	0.0	0.0	0.0	0.0	6.0	
22							0.0	0.0	0.0	0.0	20.0	8.0	
23							0.0	0.0	5.0	5.0	6.0	0.0	
24							0.0	0.0	0.0	8.0	0.0	0.0	
25							0.0	0.0	0.0	18.0	0.0	0.0	
26							0.0	0.0	2.0	15.0	0.0	0.0	
27							0.0	0.0	0.0	7.0	0.0	0.0	
28							0.0	1.0	0.0	22.0	0.0	0.0	
29							7.0	1.0	0.0	21.0	0.0	0.0	
30							0.0	0.0	0.0	4.0	0.0	0.0	
31							0.0	0.0		0.0		0.0	
Total							54.0	3.0	14.0	120.0	52.0	60.0	Anual
Días LI.							9	3	4	11	7	7	


CUNDINAMARCA
Honduras-La Mesa
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


CUNDINAMARCA
Pinar del Río-Silvania
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 2002


CUNDINAMARCA
San Luis-Arbelaez
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


HUILA
Corrales-Teruel
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 2002

Estación : GUAYABAL
Año : 2002

Dpto. : HUILA
Mpio. : ALGECIRAS

Latitud : 2 ° 33 ' N
Longitud : 75 ° 15 ' W
Altitud : 1460 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	5.0	9.0	18.0	0.0	0.0	8.0	12.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	13.0	3.0	0.0	6.0	10.0	4.0	1.0	
3	0.0	19.0	0.0	0.0	0.0	16.0	0.0	1.0	0.0	0.0	0.0	0.0	
4	0.0	1.0	0.0	11.0	6.0	1.0	0.0	0.0	3.0	0.0	0.0	0.0	
5	0.0	0.0	11.0	7.0	0.0	7.0	5.0	0.0	0.0	0.0	12.0	0.0	
6	2.0	5.0	8.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	7.0	2.0	0.0	3.0	2.0	0.0	0.0	5.0	0.0	15.0	0.0	8.0	
8	4.0	22.0	0.0	6.0	7.0	0.0	0.0	3.0	0.0	0.0	0.0	7.0	
9	5.0	2.0	0.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	4.0	0.0	0.0	0.0	0.0	6.0	0.0	10.0	0.0	0.0	3.0	0.0	
11	9.0	0.0	3.0	8.0	5.0	1.0	4.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	11.0	0.0	11.0	1.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	11.0	0.0	7.0	3.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	7.0	2.0	3.0	4.0	0.0	0.0	2.0	0.0	5.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	
16	0.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	20.0	0.0	32.0	
17	0.0	0.0	0.0	0.0	0.0	8.0	1.0	0.0	0.0	0.0	3.0	6.0	
18	0.0	0.0	4.0	0.0	8.0	3.0	0.0	0.0	24.0	0.0	15.0	1.0	
19	0.0	8.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
20	0.0	0.0	4.0	6.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0	6.0	
21	0.0	0.0	0.0	4.0	1.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	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	8.0	9.0	4.0	5.0	0.0	6.0	0.0	0.0	0.0	
25	0.0	3.0	0.0	0.0	4.0	0.0	2.0	0.0	26.0	0.0	0.0	0.0	
26	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	
27	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0	0.0	14.0	0.0	
28	0.0	2.0	0.0	6.0	6.0	9.0	0.0	0.0	0.0	0.0	4.0	0.0	
29	0.0		17.0	12.0	5.0	8.0	0.0	9.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	4.0	8.0	0.0	9.0	1.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		14.0		0.0	2.0		0.0		0.0	
Total	31.0	78.0	75.0	112.0	100.0	136.0	54.0	32.0	79.0	83.0	67.0	81.0	Anual 928.0
Días Ll.	6	11	8	17	16	18	11	8	8	6	9	8	

Estación : MONTENEGRO
Año : 2002

Dpto. : HUILA
Mpio. : GIGANTE

Latitud : 2 ° 16 ' N
Longitud : 75 ° 28 ' W
Altitud : 2101 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	5.0	3.0	7.0	0.0	12.0	0.0	2.0	0.0	
2	0.0	7.0	0.0	15.0	2.0	0.0	5.0	1.0	6.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	4.0	7.0	3.0	8.0	7.0	0.0	2.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	14.0	0.0	22.0	18.0	17.0	0.0	0.0	0.0	0.0	0.0	
6	3.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	67.0	3.0	9.0	14.0	0.0	0.0	3.0	6.0	0.0	0.0	4.0	0.0	
8	0.0	13.0	0.0	4.0	0.0	14.0	0.0	6.0	0.0	0.0	22.0	13.0	
9	0.0	0.0	0.0	0.0	5.0	6.0	0.0	0.0	0.0	0.0	2.0	0.0	
10	0.0	1.0	0.0	0.0	31.0	13.0	3.0	0.0	5.0	0.0	0.0	5.0	
11	40.0	5.0	5.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0	0.0	0.0	
12	10.0	0.0	3.0	0.0	6.0	12.0	3.0	0.0	0.0	0.0	5.0	0.0	
13	8.0	0.0	0.0	10.0	8.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	
14	0.0	0.0	0.0	0.0	2.0	5.0	0.0	2.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	2.0	3.0	0.0	4.0	0.0	8.0	0.0	15.0	
16	0.0	0.0	5.0	0.0	2.0	2.0	0.0	8.0	4.0	3.0	4.0	40.0	
17	0.0	0.0	2.0	0.0	0.0	0.0	13.0	0.0	0.0	2.0	0.0	8.0	
18	0.0	1.0	4.0	2.0	9.0	3.0	2.0	0.0	32.0	0.0	10.0	0.0	
19	0.0	0.0	5.0	5.0	0.0	5.0	0.0	3.0	0.0	0.0	5.0	0.0	
20	0.0	0.0	4.0	0.0	1.0	0.0	0.0	0.0	0.0	5.0	0.0	15.0	
21	0.0	0.0	13.0	8.0	12.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	
22	0.0	0.0	0.0	13.0	2.0	0.0	0.0	2.0	0.0	3.0	0.0	0.0	
23	0.0	0.0	0.0	8.0	0.0	0.0	0.0	2.0	0.0	5.0	0.0	0.0	
24	1.0	0.0	0.0	7.0	0.0	13.0	10.0	4.0	0.0	5.0	0.0	0.0	
25	0.0	7.0	0.0	36.0	27.0	6.0	10.0	0.0	12.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	8.0	9.0	0.0	7.0	0.0	16.0	19.0	0.0	0.0	
27	0.0	25.0	0.0	25.0	6.0	0.0	4.0	0.0	3.0	5.0	0.0	0.0	
28	0.0	5.0	0.0	34.0	3.0	0.0	8.0	0.0	0.0	14.0	0.0	0.0	
29	0.0		5.0	0.0	10.0	4.0	7.0	14.0	0.0	3.0	4.0	8.0	
30	0.0		2.0	9.0	14.0	6.0	11.0	0.0	0.0	13.0	0.0	0.0	
31	0.0		3.0		34.0		2.0	0.0		17.0		0.0	
Total	129.0	67.0	74.0	198.0	216.0	152.0	121.0	70.0	97.0	104.0	61.0	104.0	Anual 1393.0
Días Ll.	6	9	13	15	22	19	19	15	9	14	11	7	

Estación : VILLA CONSUELO
Año : 2002

Dpto. : HUILA
Mpio. : GARZON

Latitud : 2 ° 12 ' N
Longitud : 75 ° 34 ' W
Altitud : 1450 m

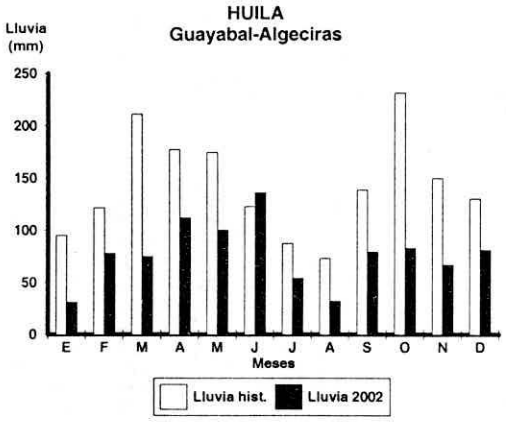
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	3.0	4.0	1.0	0.0	7.0	0.0	4.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	8.0	1.0	8.0	0.0	0.0	0.0	
3	0.0	35.0	4.0	10.0	0.0	30.0	1.0	12.0	9.0	0.0	8.0	0.0	
4	0.0	0.0	0.0	0.0	3.0	2.0	10.0	2.0	0.0	3.0	0.0	0.0	
5	0.0	0.0	0.0	11.0	0.0	8.0	18.0	0.0	0.0	0.0	4.0	0.0	
6	11.0	0.0	0.0	5.0	19.0	12.0	1.0	0.0	0.0	0.0	3.0	0.0	
7	3.0	0.0	0.0	21.0	6.0	5.0	0.0	10.0	0.0	0.0	10.0	0.0	
8	10.0	12.0	12.0	3.0	4.0	20.0	2.0	0.0	0.0	0.0	5.0	0.0	
9	0.0	5.0	0.0	0.0	0.0	2.0	0.0	13.0	0.0	0.0	1.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	25.0	2.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	4.0	10.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	11.0	0.0	8.0	0.0	10.0	11.0	0.0	2.0	0.0	0.0	5.0	0.0	
13	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
14	0.0	0.0	0.0	4.0	4.0	3.0	0.0	7.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	3.0	0.0	0.0	7.0	6.0	5.0	0.0	0.0	19.0	8.0	
16	0.0	0.0	0.0	0.0	7.0	6.0	0.0	0.0	0.0	1.0	6.0	11.0	
17	0.0	2.0	12.0	11.0	0.0	0.0	32.0	0.0	0.0	1.0	0.0	9.0	
18	0.0	1.0	8.0	8.0	4.0	1.0	0.0	0.0	29.0	0.0	1.0	9.0	
19	0.0	0.0	14.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	48.0	0.0	3.0	0.0	1.0	0.0	1.0	1.0	0.0	1.0	
21	0.0	0.0	6.0	5.0	12.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
22	0.0	0.0	0.0	10.0	3.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
23	1.0	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	4.0	0.0	1.0	9.0	0.0	1.0	1.0	0.0	0.0	
25	0.0	2.0	0.0	2.0	64.0	0.0	1.0	12.0	17.0	9.0	0.0	0.0	
26	3.0	4.0	0.0	8.0	0.0	0.0	0.0	2.0	3.0	30.0	0.0	0.0	
27	0.0	2.0	11.0	5.0	5.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	40.0	4.0	4.0	12.0	5.0	0.0	68.0	0.0	0.0	
29	0.0		4.0	3.0	11.0	0.0	1.0	0.0	0.0	4.0	10.0	3.0	
30	0.0		0.0	17.0	18.0	3.0	12.0	0.0	0.0	23.0	0.0	0.0	
31	0.0		2.0		20.0		0.0	0.0		6.0		0.0	
Total	39.0	67.0	142.0	167.0	207.0	163.0	117.0	73.0	77.0	148.0	92.0	41.0	Anual 1333.0
Días LI.	6	9	13	17	19	19	16	12	9	12	14	6	

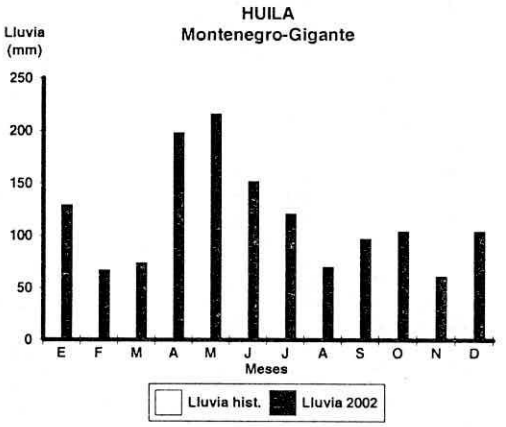
Estación : CONC. DESARROLLO
Año : 2002

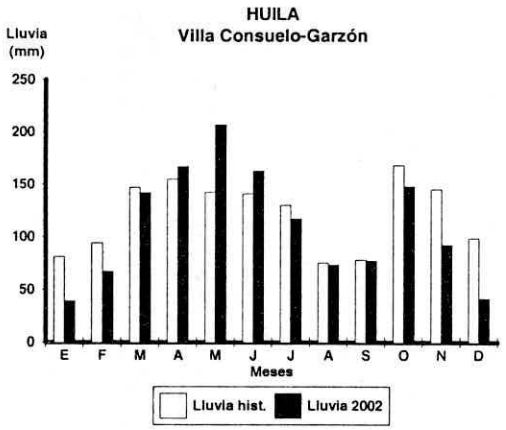
Dpto. : HUILA
Mpio. : TIMANA

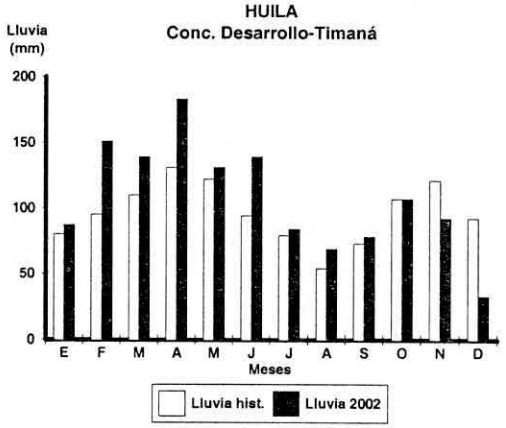
Latitud : 1 ° 58 ' N
Longitud : 75 ° 56 ' W
Altitud : 1080 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	6.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
3	32.0	5.0	0.0	0.0	3.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	6.0	0.0	7.0	0.0	5.0	0.0	0.0	0.0	0.0	4.0	6.5	0.0	
5	0.0	0.0	0.0	0.0	0.0	20.0	0.0	5.0	15.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	6.0	45.0	0.0	8.0	5.0	10.0	8.0	0.0	
7	0.0	0.0	0.0	0.0	13.0	0.0	17.0	0.0	12.0	4.0	18.0	3.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	8.0	0.0	0.0	0.0	
9	28.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	5.0	0.0	10.0	
10	8.0	0.0	0.0	5.0	0.0	19.0	0.0	0.0	0.0	8.0	0.0	0.0	
11	0.0	0.0	10.0	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	8.0	0.0	5.0	0.0	0.0	
13	7.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
14	0.0	0.0	13.0	8.0	0.0	10.0	12.0	0.0	0.0	1.0	0.0	0.0	
15	0.0	0.0	10.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	16.0	12.0	0.0	8.5	0.0	0.0	0.0	6.0	0.0	
17	6.0	0.0	27.0	18.0	22.0	5.0	0.0	0.0	0.0	0.0	12.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	4.5	5.0	8.0	0.0	0.0	0.0	
19	0.0	0.0	17.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	5.0	0.0	
20	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	6.0	0.0	5.0	0.0	
21	0.0	0.0	0.0	32.0	0.0	0.0	4.0	0.0	6.0	0.0	15.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	20.0	0.0	0.0	0.0	8.0	0.0	10.0	10.0	0.0	
24	0.0	48.0	10.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	6.0	0.0	
25	0.0	50.0	15.0	18.0	6.0	0.0	6.0	10.0	0.0	16.0	0.0	12.0	
26	0.0	48.0	20.0	6.0	12.0	0.0	0.0	0.0	2.0	0.0	0.0	8.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	18.0	0.0	0.0	
28	0.0	0.0	0.0	35.0	0.0	0.0	0.0	5.0	0.0	12.0	0.0	0.0	
29	0.0		0.0	25.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		10.0		12.0		0.0	0.0		0.0		0.0	
Total	87.0	151.0	139.0	183.0	131.0	139.0	84.0	69.0	78.0	107.0	91.5	33.0	Anual 1292.5
Días LI.	6	4	10	10	13	8	10	10	10	13	10	4	


HUILA
Guayabal-Algeciras
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


HUILA
Montenegro-Gigante
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


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 2002


HUILA
Conc. Desarrollo-Timaná
Lluvia (mm)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : LA VICTORIA
Año : 2002

Dpto. : MAGDALENA
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	0.0	0.0	3.0	26.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	4.0	0.0	30.0	25.0	0.0	0.0	0.0
3	5.0	0.0	0.0	0.0	0.0	15.0	0.0	25.0	15.0	0.0	44.0	0.0
4	0.0	0.0	0.0	7.0	0.0	28.0	7.0	0.0	0.0	0.0	58.0	0.0
5	0.0	0.0	0.0	13.0	0.0	42.0	0.0	0.0	20.0	15.0	5.0	0.0
6	0.0	7.0	0.0	2.0	15.0	6.0	0.0	0.0	5.0	20.0	8.0	0.0
7	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	19.0	2.0	0.0
8	0.0	0.0	0.0	7.0	0.0	5.0	0.0	15.0	2.0	10.0	0.0	0.0
9	0.0	0.0	0.0	16.0	0.0	8.0	8.0	12.0	7.0	15.0	0.0	0.0
10	0.0	0.0	0.0	40.0	0.0	42.0	30.0	0.0	0.0	10.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	19.0	0.0	3.0	7.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	7.0	0.0	3.0	2.0	30.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	10.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	21.0	4.0	0.0	15.0	0.0	0.0
15	0.0	0.0	0.0	0.0	4.0	0.0	8.0	14.0	25.0	20.0	0.0	0.0
16	0.0	0.0	0.0	2.0	2.0	3.0	3.0	0.0	30.0	70.0	20.0	19.0
17	0.0	0.0	0.0	23.0	0.0	15.0	20.0	20.0	40.0	0.0	0.0	35.0
18	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
19	0.0	0.0	5.0	8.0	50.0	0.0	18.0	50.0	4.0	1.0	0.0	0.0
20	0.0	0.0	10.0	0.0	2.0	0.0	23.0	0.0	0.0	14.0	0.0	0.0
21	0.0	0.0	13.0	0.0	29.0	0.0	0.0	0.0	11.0	0.0	7.0	0.0
22	0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.0	27.0	3.0	0.0	0.0
23	0.0	0.0	0.0	0.0	2.0	15.0	0.0	0.0	2.0	31.0	0.0	0.0
24	0.0	0.0	0.0	21.0	29.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	23.0	0.0	16.0	33.0	36.0	2.0	0.0	0.0
26	0.0	0.0	0.0	0.0	17.0	0.0	0.0	25.0	0.0	7.0	0.0	2.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	3.0	12.0	4.0	0.0
28	0.0	0.0	0.0	8.0	8.0	0.0	0.0	25.0	16.0	30.0	0.0	0.0
29	0.0		0.0	47.0	5.0	0.0	0.0	15.0	21.0	28.0	20.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
31	4.0		0.0		9.0		0.0	0.0		0.0		0.0
Total	9.0	7.0	28.0	204.0	197.0	214.0	172.0	303.0	339.0	362.0	168.0	56.0
Días LI.	2	1	3	13	14	14	11	19	21	20	9	3

Anual 2059.0

Estación : MARINGA
Año : 2002

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	0.0	0.0	0.0	62.0	8.0	30.0	4.0	0.0	3.0	0.0	0.0	3.0
2	0.0	0.0	0.0	0.0	13.0	0.0	0.0	81.0	2.0	0.0	0.0	0.0
3	0.0	1.0	0.0	23.0	0.0	114.0	26.0	1.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	20.0	6.0	0.0	5.0	0.0	0.0	7.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	8.0	2.0	0.0	0.0
6	0.0	20.0	0.0	0.0	3.0	8.0	26.0	9.0	7.0	0.0	37.0	0.0
7	0.0	0.0	0.0	33.0	12.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0
8	0.0	0.0	0.0	10.0	6.0	130.0	6.0	0.0	0.0	40.0	1.0	4.0
9	0.0	0.0	0.0	7.0	6.0	20.0	14.0	0.0	0.0	0.0	3.0	2.0
10	0.0	0.0	0.0	0.0	96.0	0.0	29.0	28.0	0.0	0.0	0.0	0.0
11	0.0	0.0	24.0	9.0	5.0	0.0	20.0	0.0	0.0	2.0	0.0	0.0
12	0.0	0.0	29.0	0.0	24.0	26.0	0.0	17.0	13.0	0.0	0.0	0.0
13	0.0	0.0	6.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	40.0	0.0
14	0.0	0.0	23.0	0.0	10.0	0.0	0.0	11.0	16.0	17.0	2.0	0.0
15	0.0	0.0	6.0	0.0	12.0	8.0	32.0	6.0	0.0	0.0	6.0	0.0
16	0.0	0.0	50.0	0.0	22.0	2.0	15.0	3.0	30.0	37.0	0.0	4.0
17	0.0	0.0	0.0	36.0	13.0	2.0	0.0	0.0	16.0	9.0	14.0	29.0
18	0.0	0.0	0.0	7.0	10.0	0.0	7.0	0.0	0.0	0.0	0.0	2.0
19	0.0	0.0	0.0	5.0	0.0	38.0	5.0	46.0	37.0	0.0	0.0	3.0
20	0.0	0.0	0.0	3.0	26.0	0.0	51.0	0.0	0.0	9.0	0.0	0.0
21	0.0	0.0	72.0	17.0	9.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0
22	0.0	0.0	28.0	10.0	79.0	0.0	17.0	0.0	0.0	6.0	10.0	0.0
23	1.0	0.0	0.0	16.0	2.0	12.0	0.0	0.0	0.0	10.0	0.0	0.0
24	0.0	0.0	0.0	106.0	0.0	0.0	3.0	0.0	52.0	0.0	0.0	0.0
25	0.0	0.0	0.0	6.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	8.0	0.0	0.0	9.0	44.0	46.0	67.0	0.0	0.0
27	0.0	0.0	0.0	0.0	122.0	27.0	0.0	0.0	76.0	0.0	9.0	0.0
28	0.0	0.0	22.0	13.0	26.0	19.0	22.0	0.0	0.0	8.0	0.0	0.0
29	0.0		77.0	0.0	30.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
30	0.0		0.0	0.0	90.0	0.0	54.0	0.0	0.0	42.0	0.0	0.0
31	0.0		0.0		8.0		10.0	27.0		22.0		0.0
Total	1.0	21.0	337.0	391.0	662.0	440.0	365.0	333.0	306.0	310.0	127.0	47.0
Días LI.	1	2	10	18	25	14	20	12	12	17	10	7

Anual 3340.0

Estación : SANTA HELENA
Año : 2002

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	40.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0
2		0.0	0.0	0.0	0.0	119.0	30.0	55.0	0.0	0.0	0.0	0.0
3		0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
4		0.0	0.0	0.0	8.0	116.0	0.0	0.0	20.0	0.0	0.0	0.0
5		0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	15.0	0.0
6		0.0	0.0	22.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
7		0.0	0.0	18.0	0.0	119.0	10.0	0.0	0.0	50.0	10.0	0.0
8		0.0	0.0	44.0	10.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0
9		0.0	0.0	0.0	120.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
10		0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
11		0.0	17.0	0.0	10.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
12		0.0	13.0	0.0	0.0	0.0	0.0	8.0	10.0	0.0	40.0	0.0
13		0.0	39.0	20.0	0.0	0.0	40.0	0.0	0.0	0.0	10.0	0.0
14		0.0	0.0	0.0	0.0	20.0	25.0	0.0	0.0	35.0	0.0	0.0
15		0.0	0.0	0.0	30.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0
16		0.0	0.0	18.0	0.0	40.0	30.0	0.0	45.0	0.0	0.0	62.0
17		0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18		0.0	0.0	12.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
19		0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20		0.0	4.0	22.0	0.0	0.0	10.0	18.0	0.0	0.0	0.0	0.0
21		0.0	89.0	0.0	0.0	15.0	0.0	0.0	0.0	10.0	0.0	0.0
22		0.0	0.0	30.0	0.0	10.0	0.0	0.0	0.0	35.0	0.0	0.0
23		0.0	0.0	60.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24		0.0	0.0	5.0	0.0	0.0	18.0	0.0	39.0	0.0	0.0	0.0
25		0.0	0.0	0.0	60.0	10.0	5.0	0.0	0.0	49.0	0.0	0.0
26		0.0	14.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
27		0.0	0.0	0.0	136.0	8.0	0.0	0.0	0.0	7.0	0.0	0.0
28		0.0	134.0	61.0	40.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0
29			0.0	0.0	0.0	20.0	25.0	40.0	0.0	40.0	0.0	0.0
30			0.0	0.0	126.0	0.0	0.0	70.0	0.0	35.0	0.0	0.0
31			45.0		0.0		0.0	15.0		0.0		0.0
Total		0.0	355.0	312.0	689.0	526.0	338.0	221.0	164.0	281.0	75.0	62.0
Días LI.		0	8	11	13	13	15	7	6	10	4	1

Anual

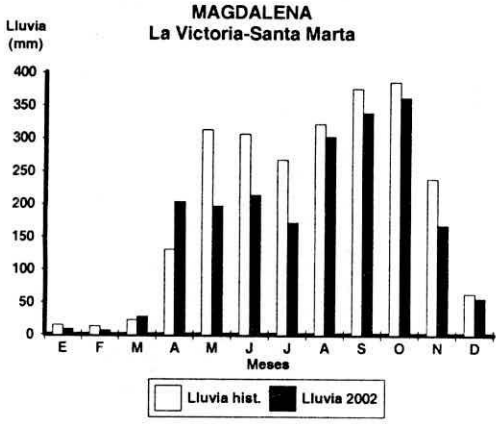
Estación : LA ESPERANZA
Año : 2002

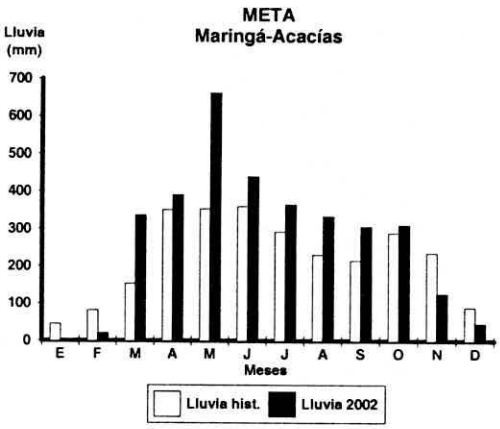
Dpto. : QUINDIO
Mpio. : FILANDIA

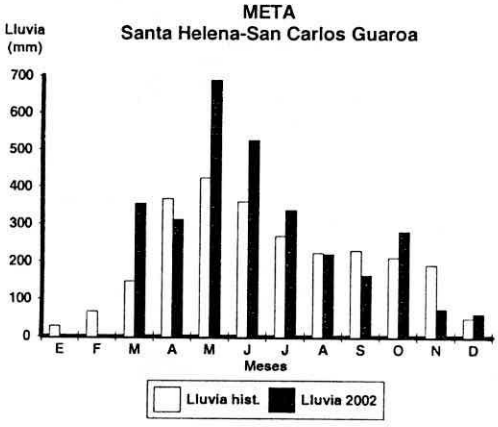
Latitud : 4 ° 38 ' N
Longitud : 75 ° 42 ' W
Altitud : 1650 m

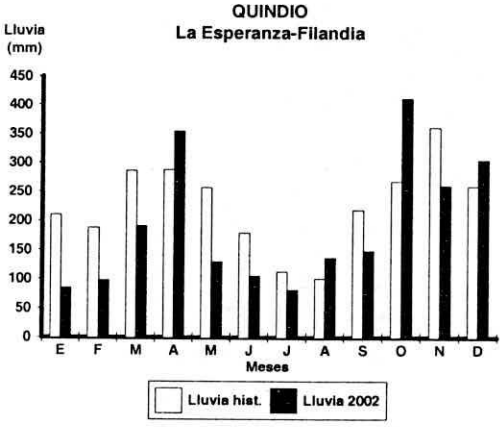
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	23.0	7.0	0.0	7.0	0.0	12.0	0.0	0.0	0.0	0.0	24.0	0.0
2	0.0	4.0	0.0	3.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0
3	0.0	0.0	2.0	5.0	2.0	0.0	4.0	0.0	3.0	0.0	0.0	33.0
4	0.0	0.0	0.0	20.0	0.0	8.0	55.0	0.0	0.0	0.0	65.0	0.0
5	0.0	0.0	0.0	0.0	0.0	50.0	15.0	0.0	0.0	12.0	18.0	5.0
6	15.0	0.0	13.0	62.0	0.0	3.0	0.0	0.0	0.0	40.0	25.0	10.0
7	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	22.0
8	10.0	0.0	0.0	39.0	17.0	10.0	0.0	0.0	0.0	21.0	3.0	0.0
9	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	15.0
10	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	31.0	6.0	0.0
11	0.0	56.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	45.0
13	6.0	3.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0
14	0.0	26.0	0.0	6.0	9.0	0.0	3.0	0.0	0.0	2.0	0.0	40.0
15	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	5.0
16	0.0	0.0	27.0	0.0	12.0	0.0	0.0	0.0	0.0	3.0	0.0	13.0
17	0.0	0.0	3.0	39.0	0.0	0.0	2.0	0.0	0.0	0.0	4.0	30.0
18	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	7.0	0.0
19	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	21.0
20	0.0	0.0	32.0	24.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
21	0.0	0.0	24.0	0.0	2.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0
22	0.0	0.0	28.0	30.0	9.0	0.0	0.0	0.0	26.0	12.0	0.0	0.0
23	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	4.0	20.0	0.0	0.0
24	0.0	0.0	0.0	30.0	30.0	0.0	0.0	15.0	18.0	0.0	2.0	10.0
25	0.0	0.0	0.0	2.0	0.0	0.0	0.0	10.0	50.0	50.0	0.0	0.0
26	0.0	2.0	44.0	30.0	0.0	0.0	0.0	10.0	10.0	30.0	0.0	0.0
27	0.0	0.0	0.0	5.0	40.0	10.0	0.0	79.0	12.0	32.0	3.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	12.0	35.0	19.0
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0
30	0.0		0.0	0.0	4.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
31	5.0		0.0		0.0		0.0	18.0		26.0		0.0
Total	85.0	98.0	191.0	355.0	130.0	106.0	82.0	137.0	149.0	412.0	261.0	306.0
Días LI.	7	6	10	17	10	8	6	6	8	18	15	15

Anual 2312.0


MAGDALENA
La Victoria-Santa Marta
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


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 2002


META
Santa Helena-San Carlos Guaroa
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 2002


QUINDIO
La Esperanza-Filandia
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : VIVERO
Año : 2002

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	0.0	7.0	0.0	28.0	0.0	15.0	0.0	0.0	12.0	0.0	20.0	0.0	
2	8.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	0.0	
3	0.0	4.0	0.0	19.0	4.0	6.0	0.0	0.0	2.0	0.0	2.0	0.0	
4	0.0	0.0	4.0	0.0	0.0	2.0	16.0	0.0	0.0	0.0	59.0	2.0	
5	0.0	0.0	0.0	9.0	0.0	31.0	41.0	0.0	0.0	0.0	16.0	9.0	
6	3.0	0.0	0.0	51.0	0.0	9.0	0.0	0.0	0.0	6.0	15.0	0.0	
7	7.0	0.0	3.0	5.0	8.0	0.0	0.0	0.0	0.0	13.0	20.0	0.0	
8	0.0	4.0	0.0	31.0	0.0	12.0	0.0	0.0	0.0	0.0	17.0	2.0	
9	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	22.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	
12	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	13.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	26.0	
14	0.0	9.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	4.0	0.0	15.0	
15	0.0	0.0	0.0	1.0	12.0	0.0	0.0	0.0	3.0	21.0	0.0	12.0	
16	1.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
17	0.0	7.0	0.0	12.0	31.0	0.0	3.0	0.0	0.0	26.0	31.0	6.0	
18	0.0	0.0	6.0	31.0	10.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	
19	0.0	0.0	0.0	14.0	0.0	0.0	0.0	6.0	0.0	45.0	0.0	0.0	
20	0.0	0.0	61.0	13.0	110.0	0.0	25.0	0.0	0.0	3.0	0.0	4.0	
21	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	7.0	47.0	0.0	0.0	
22	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
23	0.0	0.0	0.0	3.0	2.0	0.0	0.0	0.0	1.0	56.0	4.0	0.0	
24	0.0	0.0	58.0	49.0	40.0	0.0	0.0	0.0	10.0	2.0	0.0	0.0	
25	0.0	0.0	0.0	9.0	16.0	0.0	0.0	7.0	39.0	8.0	0.0	0.0	
26	0.0	0.0	12.0	25.0	0.0	0.0	0.0	10.0	2.0	29.0	0.0	0.0	
27	0.0	45.0	13.0	0.0	15.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	26.0	0.0	9.0	0.0	81.0	0.0	0.0	0.0	0.0	
29	8.0		0.0	0.0	0.0	0.0	0.0	2.0	0.0	6.0	0.0	0.0	
30	0.0		0.0	0.0	2.0	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		37.0		0.0	
Total	40.0	78.0	197.0	337.0	266.0	87.0	108.0	106.0	88.0	350.0	235.0	76.0	Anual 1968.0
Días Ll.	6	7	10	18	12	8	5	5	11	18	13	8	

Estación : LA ILUSION
Año : 2002

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	15.0	7.0	0.0	23.0	0.0	13.0	0.0	0.0	24.0	0.0	15.0	0.0	
2	33.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	
3	0.0	6.0	0.0	30.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	3.0	5.0	0.0	0.0	0.0	25.0	0.0	
5	0.0	0.0	0.0	30.0	0.0	50.0	20.0	0.0	0.0	0.0	8.0	10.0	
6	15.0	0.0	0.0	20.0	0.0	8.0	0.0	0.0	5.0	15.0	0.0	0.0	
7	5.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	5.0	5.0	
8	0.0	20.0	0.0	46.0	0.0	0.0	0.0	0.0	2.0	20.0	0.0	15.0	
9	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	15.0	10.0	5.0	5.0	0.0	6.0	37.0	0.0	2.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	23.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	20.0	0.0	
14	0.0	23.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	10.0	0.0	90.0	
15	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	
16	5.0	0.0	22.0	0.0	24.0	0.0	0.0	0.0	0.0	25.0	0.0	16.0	
17	0.0	18.0	0.0	0.0	11.0	0.0	2.0	0.0	0.0	2.0	0.0	10.0	
18	0.0	0.0	7.0	20.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	9.0	0.0	0.0	13.0	0.0	0.0	0.0	10.0	
20	0.0	0.0	20.0	20.0	70.0	0.0	0.0	0.0	8.0	45.0	0.0	6.0	
21	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
22	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
23	0.0	0.0	2.0	15.0	5.0	0.0	0.0	0.0	10.0	30.0	0.0	0.0	
24	0.0	0.0	5.0	41.0	5.0	0.0	0.0	0.0	20.0	3.0	0.0	0.0	
25	0.0	0.0	0.0	14.0	41.0	0.0	0.0	0.0	45.0	5.0	15.0	5.0	
26	0.0	0.0	30.0	27.0	0.0	0.0	0.0	15.0	7.0	45.0	0.0	0.0	
27	0.0	7.0	28.0	15.0	38.0	0.0	0.0	0.0	14.0	0.0	3.0	0.0	
28	0.0	0.0	0.0	31.0	0.0	20.0	0.0	65.0	0.0	3.0	10.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	5.0	0.0	20.0	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	1.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	101.0	91.0	157.0	359.0	219.0	106.0	32.0	98.0	162.0	364.0	123.0	176.0	Anual 1988.0
Días Ll.	7	7	11	16	10	7	4	4	13	17	9	12	

Estación : LA JULIA
Año : 2002

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		0.0	0.0	42.0	0.0	22.0	0.0	0.0	3.0	0.0	42.0	0.0
2		0.0	0.0	3.0	0.0	2.0	0.0	0.0	0.0	0.0	22.0	0.0
3		15.0	5.0	13.0	0.0	3.0	0.0	0.0	3.0	0.0	6.0	2.0
4		5.0	0.0	6.0	0.0	2.0	0.0	0.0	4.0	0.0	98.0	0.0
5		0.0	0.0	16.0	0.0	34.0	58.0	0.0	0.0	0.0	23.0	3.0
6		0.0	20.0	45.0	0.0	13.0	3.0	0.0	0.0	7.0	2.0	0.0
7		0.0	14.0	3.0	13.0	3.0	0.0	0.0	3.0	50.0	41.0	2.0
8		0.0	0.0	25.0	0.0	13.0	0.0	0.0	3.0	5.0	8.0	3.0
9		0.0	0.0	0.0	0.0	3.0	0.0	0.0	13.0	0.0	5.0	0.0
10		0.0	0.0	3.0	0.0	3.0	0.0	0.0	5.0	45.0	0.0	0.0
11		0.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0	3.0	0.0	0.0
12		0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	22.0	0.0
13		0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	7.0
14		0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	13.0	2.0	91.0
15		3.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	12.0
16		6.0	0.0	3.0	3.0	0.0	0.0	0.0	5.0	10.0	0.0	2.0
17		8.0	0.0	3.0	15.0	0.0	0.0	0.0	3.0	5.0	10.0	7.0
18		0.0	6.0	25.0	10.0	0.0	0.0	0.0	10.0	0.0	7.0	0.0
19		0.0	10.0	5.0	13.0	0.0	3.0	0.0	0.0	13.0	0.0	4.0
20		0.0	0.0	5.0	95.0	0.0	35.0	0.0	0.0	53.0	0.0	6.0
21		0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0
22		0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
23		0.0	0.0	10.0	15.0	0.0	0.0	0.0	4.0	65.0	0.0	0.0
24		0.0	35.0	67.0	23.0	0.0	3.0	0.0	4.0	8.0	2.0	0.0
25		0.0	15.0	10.0	34.0	0.0	0.0	23.0	81.0	46.0	2.0	0.0
26		0.0	3.0	15.0	0.0	0.0	0.0	3.0	10.0	88.0	0.0	0.0
27		0.0	0.0	5.0	33.0	0.0	0.0	0.0	25.0	3.0	13.0	0.0
28		0.0	0.0	23.0	3.0	0.0	0.0	83.0	2.0	5.0	5.0	0.0
29			0.0	4.0	3.0	0.0	0.0	3.0	0.0	47.0	2.0	21.0
30			0.0	3.0	3.0	0.0	0.0	0.0	0.0	3.0	2.0	8.0
31			0.0		0.0		0.0	0.0		52.0		0.0
Total		37.0	124.0	342.0	266.0	105.0	102.0	112.0	181.0	573.0	332.0	168.0
Días LI.		5	9	24	14	13	5	4	17	22	20	13

Anual

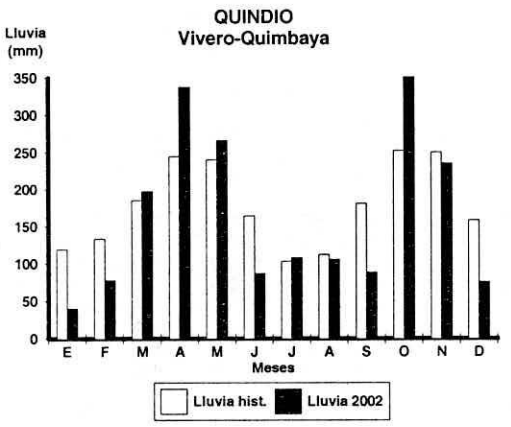
Estación : SORRENTO
Año : 2002

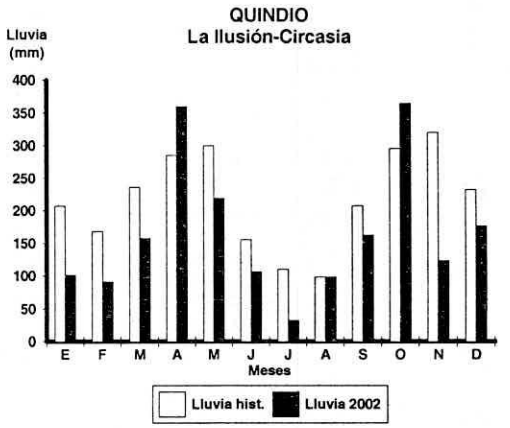
Dpto. : QUINDIO
Mpio. : MONTENEGRO

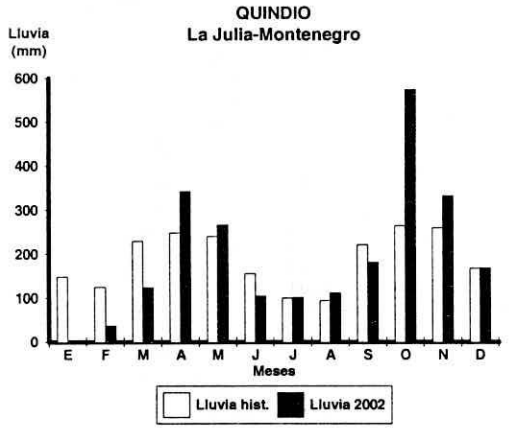
Latitud : 4 ° 33 ' N
Longitud : 75 ° 49 ' W
Altitud : 1200 m

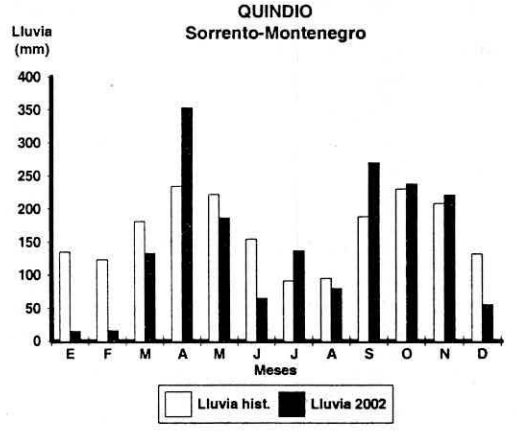
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	29.0	0.0	8.0	0.0	0.0	70.0	0.0	87.0	0.0
2	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0
3	0.0	10.0	0.0	8.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	38.0	0.0	0.0	12.0	0.0	0.0	15.0	0.0	0.0	13.0
5	0.0	0.0	0.0	10.0	0.0	8.0	55.0	0.0	0.0	0.0	35.0	12.0
6	5.0	0.0	12.0	41.0	3.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	12.0	0.0
8	10.0	0.0	0.0	25.0	0.0	10.0	7.0	0.0	0.0	23.0	10.0	0.0
9	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	50.0	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	10.0	0.0	0.0	0.0
13	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	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	10.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	15.0
16	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	40.0	0.0	0.0
17	0.0	2.0	0.0	15.0	10.0	0.0	0.0	0.0	15.0	0.0	25.0	5.0
18	0.0	0.0	11.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	33.0	28.0	0.0	15.0	0.0	0.0	2.0	0.0	0.0
20	0.0	0.0	0.0	11.0	35.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	3.0	10.0	0.0	0.0	0.0	0.0	44.0	0.0	0.0
23	0.0	0.0	0.0	14.0	20.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0
24	0.0	0.0	15.0	42.0	15.0	0.0	0.0	0.0	12.0	2.0	0.0	0.0
25	0.0	0.0	0.0	10.0	55.0	0.0	0.0	10.0	55.0	6.0	0.0	0.0
26	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0	0.0	0.0
27	0.0	4.0	0.0	0.0	10.0	0.0	0.0	0.0	55.0	0.0	0.0	0.0
28	0.0	0.0	0.0	65.0	0.0	0.0	0.0	70.0	20.0	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	0.0	0.0	0.0	0.0	0.0
31	0.0		31.0		0.0		0.0	0.0		23.0		0.0
Total	15.0	16.0	133.0	353.0	186.0	65.0	137.0	80.0	270.0	238.0	221.0	55.0
Días LI.	2	3	8	15	9	6	5	2	10	11	7	5

Anual 1769.0


QUINDIO
Vivero-Quimbaya
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 2002


QUINDIO
La Ilusión-Circasia
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


QUINDIO
La Julia-Montenegro
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 2002


QUINDIO
Sorrento-Montenegro
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : TUCUMAN
Año : 2002

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	20.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	58.0	0.0	0.0	50.0	0.0	0.0	0.0	44.0	0.0	
5	45.0	0.0	0.0	0.0	0.0	23.0	43.0	0.0	13.0	0.0	33.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	18.0	0.0	0.0	
7	0.0	0.0	0.0	53.0	0.0	2.0	0.0	0.0	0.0	35.0	58.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	23.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
12	0.0	0.0	53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	0.0	
14	0.0	0.0	0.0	23.0	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	60.0	
16	0.0	0.0	39.0	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	12.0	0.0	0.0	14.0	0.0	18.0	0.0	0.0	0.0	
18	0.0	0.0	12.0	22.0	30.0	0.0	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	8.0	0.0	0.0	0.0	0.0	20.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	0.0	0.0	
21	0.0	0.0	53.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	23.0	19.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	
24	0.0	0.0	7.0	0.0	30.0	0.0	0.0	0.0	25.0	43.0	0.0	0.0	
25	0.0	0.0	0.0	22.0	44.0	0.0	0.0	20.0	0.0	0.0	0.0	25.0	
26	0.0	0.0	32.0	32.0	0.0	0.0	0.0	17.0	90.0	0.0	0.0	0.0	
27	0.0	13.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	60.0	12.0	0.0	
28	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	35.0	0.0	0.0	48.0	0.0	60.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		45.0		0.0	
Total	67.0	13.0	196.0	339.0	158.0	43.0	115.0	85.0	188.0	360.0	215.0	105.0	Anual 1884.0
Días LI.	2	1	6	12	5	4	4	3	7	9	6	3	

Estación : LA PRADERA
Año : 2002

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	0.0	0.0	8.0	20.0	0.0	6.0	0.0	0.0	0.0	0.0	42.0	0.0	
2	16.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	12.0	30.0	0.0	0.0	16.0	0.0	0.0	0.0	40.0	0.0	
5	0.0	0.0	0.0	73.0	0.0	14.0	14.0	0.0	0.0	0.0	30.0	0.0	
6	24.0	0.0	0.0	5.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	52.0	0.0	
8	0.0	0.0	0.0	24.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	16.0	
9	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	5.0	15.0	0.0	30.0	
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	8.0	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	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.0	0.0	
14	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	8.0	7.0	0.0	60.0	
15	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	
16	0.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	8.0	
17	12.0	0.0	0.0	24.0	20.0	0.0	7.0	0.0	5.0	0.0	8.0	0.0	
18	5.0	0.0	20.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	5.0	27.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	34.0	0.0	32.0	0.0	0.0	0.0	5.0	15.0	0.0	10.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	0.0	
22	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	32.0	22.0	0.0	0.0	0.0	15.0	35.0	0.0	0.0	
24	0.0	0.0	8.0	44.0	45.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	25.0	10.0	40.0	0.0	0.0	0.0	85.0	28.0	0.0	0.0	
26	0.0	0.0	38.0	25.0	0.0	0.0	0.0	35.0	0.0	32.0	0.0	0.0	
27	0.0	0.0	0.0	35.0	37.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	18.0	0.0	
29	2.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		8.0		12.0		0.0	45.0		20.0		0.0	
Total	78.0	0.0	197.0	426.0	240.0	83.0	65.0	132.0	155.0	290.0	265.0	133.0	Anual 2064.0
Días LI.	7	0	10	18	9	5	4	4	7	11	8	6	

Estación : EL JARDIN
Año : 2002

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	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	15.0	0.0
2	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	4.0	0.0	30.0	0.0
3	0.0	0.0	0.0	50.0	0.0	0.0	4.0	0.0	0.0	0.0	40.0	0.0
4	0.0	0.0	45.0	65.0	0.0	7.0	6.0	0.0	0.0	0.0	50.0	0.0
5	0.0	0.0	0.0	70.0	0.0	0.0	5.0	0.0	0.0	25.0	30.0	0.0
6	37.0	0.0	0.0	0.0	6.0	1.0	0.0	0.0	0.0	16.0	15.0	0.0
7	17.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	8.0	40.0	9.0
8	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
9	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	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	20.0	0.0	0.0	40.0	0.0	0.0	0.0	5.0	58.0	0.0
14	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	15.0	0.0	20.0
15	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	50.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	1.0
18	0.0	0.0	20.0	0.0	25.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
19	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	5.0	15.0	0.0	17.0
20	0.0	0.0	30.0	0.0	3.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
21	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	35.0	16.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0
23	0.0	0.0	0.0	0.0	21.0	0.0	3.0	0.0	0.0	22.0	0.0	0.0
24	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	15.0	52.0	0.0	15.0
25	0.0	0.0	0.0	30.0	18.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	35.0	30.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0
28	0.0	0.0	25.0	95.0	0.0	0.0	0.0	45.0	0.0	36.0	0.0	0.0
29	1.0		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	45.0	0.0	40.0	0.0	0.0
31	0.0		0.0		0.0		0.0	50.0		20.0		0.0
Total	55.0	20.0	205.0	445.0	153.0	91.0	18.0	140.0	114.0	369.0	316.0	121.0
Días LI.	3	1	7	9	10	6	4	3	6	17	10	7

Anual 2047.0

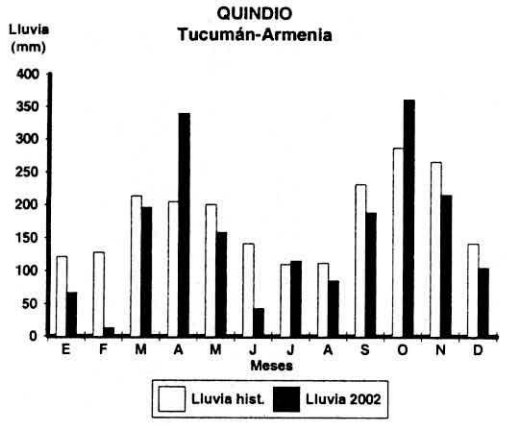
Estación : QUEBRADANEGRA
Año : 2002

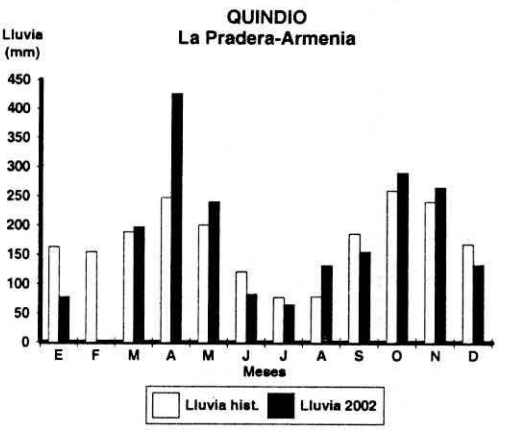
Dpto. : QUINDIO
Mpio. : CALARCA

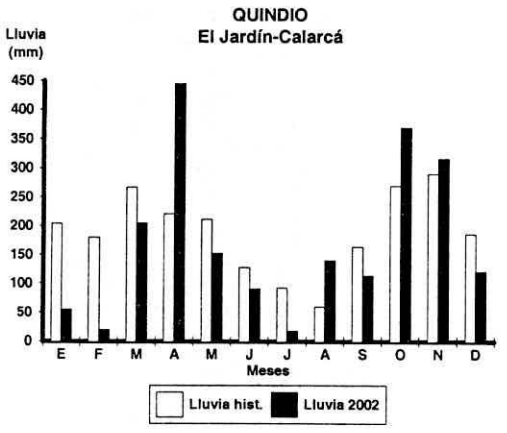
Latitud : 4 ° 27 ' N
Longitud : 75 ° 40 ' W
Altitud : 1500 m

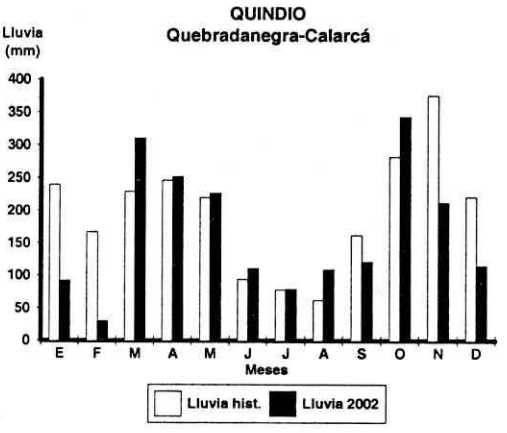
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	25.0	0.0	20.0	0.0
2	0.0	0.0	30.0	30.0	0.0	12.0	0.0	0.0	0.0	0.0	9.0	0.0
3	0.0	30.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	10.0	0.0
4	9.0	0.0	17.0	17.0	0.0	4.0	27.0	0.0	0.0	0.0	25.0	0.0
5	0.0	0.0	0.0	0.0	0.0	45.0	18.0	0.0	0.0	0.0	46.0	20.0
6	24.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	35.0	15.0
7	59.0	0.0	12.0	12.0	0.0	0.0	0.0	0.0	0.0	60.0	15.0	15.0
8	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	9.0	2.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
11	0.0	0.0	3.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	1.0	0.0
12	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	30.0	25.0
15	0.0	0.0	0.0	40.0	6.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0
16	0.0	0.0	42.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
17	0.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0	3.0	1.0	0.0	8.0
18	0.0	0.0	31.0	20.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
19	0.0	0.0	0.0	5.0	3.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	60.0	2.0	45.0	0.0	12.0	0.0	0.0	30.0	0.0	10.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	15.0	0.0	0.0
22	0.0	0.0	0.0	0.0	5.0	0.0	15.0	0.0	0.0	0.0	0.0	5.0
23	0.0	0.0	0.0	4.0	8.0	0.0	0.0	0.0	13.0	53.0	0.0	0.0
24	0.0	0.0	12.0	46.0	10.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
25	0.0	0.0	0.0	7.0	30.0	0.0	0.0	0.0	40.0	10.0	0.0	0.0
26	0.0	0.0	28.0	24.0	11.0	0.0	0.0	23.0	5.0	95.0	0.0	0.0
27	0.0	0.0	21.0	7.0	30.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
28	0.0	0.0	10.0	20.0	0.0	0.0	0.0	80.0	0.0	0.0	12.0	0.0
29	0.0		15.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		29.0	0.0	15.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0
31	0.0		0.0		0.0		0.0	2.0		15.0		0.0
Total	92.0	30.0	310.0	252.0	227.0	111.0	79.0	109.0	121.0	343.0	212.0	115.0
Días LI.	3	1	13	16	14	8	5	4	8	12	11	10

Anual 2001.0


QUINDIO
Tucumán-Armenia
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


QUINDIO
La Pradera-Armenia
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


QUINDIO
El Jardín-Calarcá
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


QUINDIO
Quebradanegra-Calarcá
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : LA ARGENTINA
Año : 2002

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	0.0	0.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	3.0	0.0	
2	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	38.0	0.0	
3	0.0	2.0	0.0	0.0	8.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	9.0	55.0	0.0	13.0	46.0	0.0	0.0	0.0	32.0	0.0	
5	0.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	
6	0.0	2.0	0.0	34.0	0.0	15.0	0.0	0.0	3.0	3.0	10.0	0.0	
7	0.0	0.0	0.0	32.0	1.0	4.0	0.0	0.0	0.0	2.0	38.0	0.0	
8	0.0	0.0	0.0	35.0	0.0	10.0	0.0	0.0	0.0	5.0	4.0	2.0	
9	0.0	2.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	33.0	0.0	0.0	0.0	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	35.0	0.0	60.0	0.0	
12	0.0	0.0	26.0	3.0	1.0	11.0	0.0	0.0	8.0	0.0	38.0	10.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	
14	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	70.0	
15	10.0	0.0	0.0	0.0	0.0	0.0	43.0	0.0	1.0	0.0	0.0	8.0	
16	0.0	0.0	22.0	18.0	0.0	0.0	9.0	0.0	0.0	8.0	0.0	8.0	
17	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	1.0	
18	0.0	0.0	21.0	12.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
19	0.0	1.0	2.0	22.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	
20	12.0	0.0	16.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	
21	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	
22	0.0	6.0	0.0	7.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	
23	0.0	0.0	4.0	12.0	20.0	0.0	0.0	0.0	0.0	72.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	81.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
25	0.0	0.0	0.0	56.0	20.0	0.0	0.0	30.0	57.0	16.0	0.0	0.0	
26	0.0	0.0	25.0	10.0	0.0	0.0	0.0	23.0	7.0	23.0	0.0	0.0	
27	0.0	0.0	0.0	11.0	35.0	0.0	0.0	5.0	42.0	12.0	0.0	0.0	
28	0.0	0.0	2.0	15.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	2.0	0.0	0.0	0.0	0.0	57.0	0.0	34.0	
30	0.0		0.0	0.0	3.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		38.0		0.0	
Total	27.0	13.0	130.0	494.0	171.0	67.0	98.0	73.0	193.0	421.0	223.0	188.0	Anual 2098.0
Días Ll.	3	5	10	21	9	7	3	4	9	19	8	9	

Estación : LA MIRANDA
Año : 2002

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	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	16.0	0.0	19.0	0.0	
2	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
3	0.0	0.0	0.0	69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	5.0	18.0	0.0	0.0	20.0	20.0	0.0	0.0	17.0	0.0	
5	0.0	0.0	0.0	10.0	0.0	22.0	22.0	22.0	0.0	0.0	22.0	22.0	
6	0.0	0.0	0.0	42.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	13.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	
8	0.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	16.0	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	27.0	13.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	32.0	5.0	0.0	53.0	0.0	0.0	0.0	
12	17.0	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	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	
15	10.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	18.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	
17	0.0	0.0	0.0	13.0	5.0	0.0	22.0	0.0	0.0	15.0	0.0	0.0	
18	0.0	0.0	50.0	17.0	27.0	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	10.0	0.0	0.0	
20	29.0	0.0	42.0	19.0	23.0	0.0	0.0	0.0	0.0	60.0	0.0	18.0	
21	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	10.0	27.0	0.0	0.0	
22	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	57.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	
24	0.0	0.0	8.0	40.0	0.0	0.0	0.0	16.0	21.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	5.0	40.0	0.0	0.0	0.0	114.0	4.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	65.0	35.0	0.0	0.0	
27	0.0	0.0	0.0	5.0	24.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	27.0	0.0	0.0	0.0	16.0	0.0	0.0	10.0	0.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	11.0	0.0	8.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		60.0		0.0	
Total	79.0	0.0	162.0	448.0	149.0	65.0	94.0	126.0	319.0	246.0	145.0	109.0	Anual 1942.0
Días Ll.	5	0	6	19	7	3	5	6	7	9	9	4	

Estación : MONACO
Año : 2002

Dpto. : QUINDIO
Mpio. : CORDOBA

Latitud : 4 ° 25 ' N
Longitud : 75 ° 42 ' W
Altitud : 1250 m

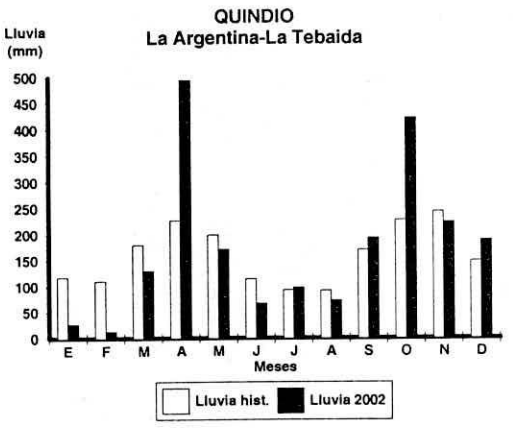
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	8.0	3.0	3.0	4.0	0.0	0.0	0.0	0.0	45.0	0.0	
2	0.0	0.0	3.0	26.0	0.0	5.0	0.0	0.0	0.0	0.0	3.0	0.0	
3	0.0	10.0	0.0	3.0	0.0	3.0	0.0	0.0	6.0	0.0	12.0	5.0	
4	0.0	0.0	0.0	7.0	12.0	6.0	28.0	0.0	69.0	0.0	30.0	13.0	
5	0.0	0.0	10.0	52.0	5.0	12.0	20.0	0.0	1.0	0.0	17.0	0.0	
6	17.0	0.0	9.0	65.0	0.0	13.0	0.0	0.0	0.0	0.0	18.0	3.0	
7	20.0	0.0	12.0	3.0	0.0	5.0	0.0	0.0	0.0	15.0	9.0	6.0	
8	12.0	0.0	10.0	24.0	0.0	9.0	0.0	0.0	0.0	5.0	0.0	7.0	
9	0.0	23.0	0.0	25.0	3.0	1.0	0.0	0.0	0.0	15.0	0.0	0.0	
10	10.0	0.0	3.0	22.0	0.0	0.0	0.0	0.0	19.0	9.0	0.0	0.0	
11	0.0	0.0	0.0	3.0	0.0	2.0	0.0	0.0	0.0	6.0	0.0	10.0	
12	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	11.0	0.0	6.0	
13	14.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	50.0	0.0	
14	0.0	0.0	1.0	3.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	3.0	
15	0.0	0.0	6.0	12.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	4.0	
16	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	2.0	
17	0.0	0.0	2.0	3.0	9.0	0.0	4.0	0.0	23.0	22.0	4.0	0.0	
18	0.0	0.0	18.0	7.0	3.0	1.0	0.0	6.0	0.0	9.0	0.0	13.0	
19	0.0	0.0	5.0	12.0	7.0	0.0	0.0	0.0	0.0	6.0	0.0	5.0	
20	0.0	0.0	22.0	4.0	25.0	0.0	28.0	15.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	9.0	3.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
23	0.0	0.0	3.0	7.0	30.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
24	0.0	0.0	10.0	45.0	15.0	0.0	0.0	18.0	45.0	6.0	0.0	0.0	
25	0.0	0.0	0.0	7.0	23.0	0.0	0.0	0.0	5.0	31.0	0.0	0.0	
26	0.0	0.0	26.0	4.0	0.0	0.0	0.0	35.0	10.0	18.0	0.0	0.0	
27	0.0	0.0	27.0	9.0	72.0	0.0	0.0	0.0	9.0	6.0	0.0	0.0	
28	0.0	0.0	3.0	17.0	0.0	0.0	0.0	18.0	0.0	15.0	9.0	0.0	
29	0.0		53.0	6.0	9.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
30	0.0		0.0	10.0	10.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	
31	0.0		0.0		3.0		0.0	0.0		11.0		0.0	
Total	73.0	33.0	265.0	382.0	229.0	65.0	80.0	92.0	188.0	283.0	197.0	77.0	Anual 1964.0
Días Ll.	5	2	23	26	15	14	4	5	10	21	10	12	

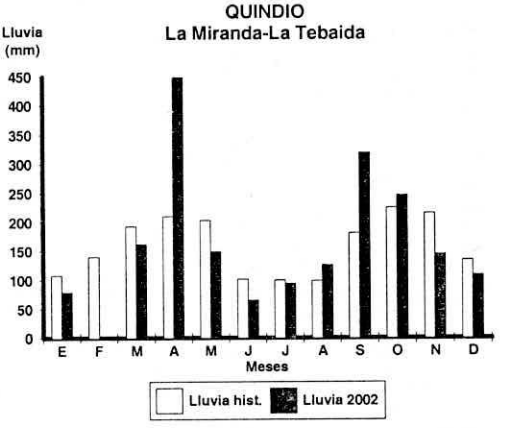
Estación : LA ESPERANZA
Año : 2002

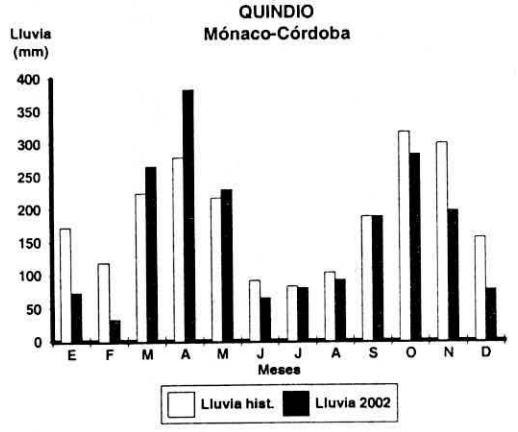
Dpto. : QUINDIO
Mpio. : BUENAVISTA

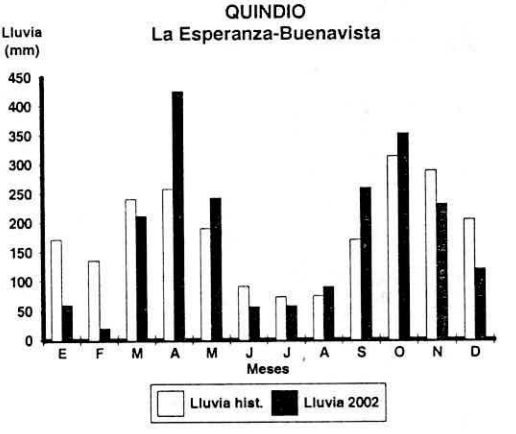
Latitud : 4 ° 22 ' N
Longitud : 75 ° 45 ' W
Altitud : 1400 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	19.0	4.0	4.0	0.0	0.0	24.0	0.0	0.0	0.0	
2	0.0	0.0	13.0	0.0	0.0	7.0	0.0	0.0	0.0	4.0	21.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	25.0	0.0	
4	0.0	0.0	14.0	19.0	0.0	0.0	34.0	0.0	0.0	11.0	26.0	0.0	
5	0.0	0.0	0.0	42.0	0.0	8.0	10.0	0.0	0.0	0.0	28.0	11.0	
6	31.0	0.0	0.0	83.0	0.0	10.0	0.0	0.0	20.0	0.0	14.0	0.0	
7	5.0	20.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	10.0	0.0	
8	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	13.0	
9	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
10	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
11	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	35.0	8.0	0.0	0.0	
12	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.0	8.0	
14	0.0	0.0	19.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	5.0	12.0	
15	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	33.0	
16	4.0	0.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	18.0	
17	11.0	0.0	0.0	20.0	7.0	0.0	14.0	0.0	15.0	0.0	0.0	15.0	
18	0.0	0.0	20.0	5.0	0.0	0.0	0.0	0.0	7.0	12.0	0.0	0.0	
19	0.0	0.0	0.0	48.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	9.0	0.0	40.0	6.0	4.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	
21	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	18.0	57.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
23	0.0	0.0	0.0	18.0	75.0	0.0	0.0	0.0	72.0	21.0	0.0	0.0	
24	0.0	0.0	0.0	12.0	30.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	14.0	9.0	0.0	0.0	0.0	42.0	15.0	0.0	0.0	
26	0.0	0.0	0.0	15.0	6.0	0.0	0.0	0.0	8.0	34.0	0.0	0.0	
27	0.0	0.0	5.0	12.0	49.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	
28	0.0	0.0	35.0	11.0	0.0	0.0	0.0	90.0	0.0	30.0	0.0	0.0	
29	0.0		24.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0	
30	0.0		0.0	0.0	8.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
31	0.0		0.0		9.0		0.0	0.0		40.0		0.0	
Total	60.0	20.0	211.0	425.0	242.0	56.0	58.0	90.0	259.0	352.0	231.0	120.0	Anual 2124.0
Días Ll.	5	1	9	20	11	8	3	1	10	16	12	8	


QUINDIO
La Argentina-La Tebaida
Lluvia (mm)
500
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


QUINDIO
La Miranda-La Tebaida
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


QUINDIO
Mónaco-Córdoba
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


QUINDIO
La Esperanza-Buenavista
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : EL PORVENIR
Año : 2002

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	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	30.0	0.0	
2	0.0	0.0	5.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	20.0	0.0	
3	0.0	0.0	12.0	27.0	15.0	0.0	0.0	0.0	40.0	0.0	20.0	0.0	
4	0.0	0.0	30.0	19.0	10.0	5.0	20.0	0.0	0.0	0.0	20.0	0.0	
5	0.0	0.0	0.0	18.0	0.0	12.0	10.0	0.0	0.0	0.0	10.0	10.0	
6	0.0	20.0	0.0	22.0	0.0	0.0	0.0	10.0	0.0	0.0	20.0	0.0	
7	0.0	0.0	0.0	31.0	0.0	5.0	0.0	0.0	0.0	0.0	40.0	0.0	
8	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
10	0.0	0.0	0.0	30.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	5.0	0.0	10.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	7.0	0.0	30.0	12.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	40.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0	
14	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
15	0.0	0.0	2.0	5.0	2.0	0.0	0.0	0.0	0.0	20.0	10.0	80.0	
16	0.0	0.0	43.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
17	0.0	15.0	0.0	20.0	0.0	0.0	30.0	0.0	20.0	0.0	0.0	0.0	
18	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	
19	0.0	5.0	20.0	30.0	135.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
20	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
21	0.0	0.0	10.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	30.0	10.0	0.0	
23	0.0	0.0	10.0	3.0	15.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
24	0.0	0.0	20.0	7.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
25	0.0	0.0	0.0	3.0	30.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
26	0.0	20.0	0.0	10.0	125.0	0.0	0.0	0.0	50.0	60.0	0.0	0.0	
27	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	3.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	30.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
31	0.0		0.0		10.0		0.0	20.0		75.0		0.0	
Total	52.0	60.0	262.0	366.0	400.0	62.0	60.0	80.0	180.0	265.0	355.0	120.0	Anual 2262.0
Días LI.	3	4	14	21	12	6	3	3	5	8	13	5	

Estación : LA ESPERANZA
Año : 2002

Dpto. : QUINDIO
Mpio. : GENOVA

Latitud : 4 ° 13 ' N
Longitud : 75 ° 48 ' W
Altitud : 1650 m

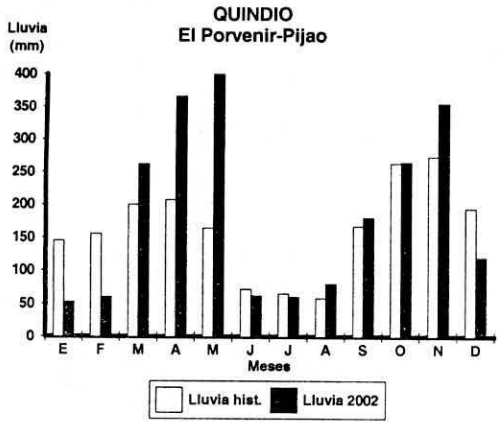
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	8.0	0.0	
2	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
3	0.0	15.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	14.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	4.0	6.0	
5	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0	5.0	16.0	
6	25.0	0.0	0.0	23.0	0.0	20.0	0.0	0.0	0.0	0.0	24.0	0.0	
7	22.0	0.0	0.0	11.0	0.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0	
8	0.0	20.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	8.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	7.0	8.0	0.0	0.0	0.0	20.0	0.0	
12	8.0	0.0	28.0	3.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	5.0	
13	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	20.0	
15	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	20.0	
16	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	
17	0.0	0.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	
18	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	0.0	31.0	
19	15.0	0.0	13.0	9.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	20.0	0.0	65.0	0.0	0.0	0.0	15.0	10.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
22	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	7.0	4.0	5.0	0.0	8.0	0.0	20.0	0.0	10.0	0.0	
25	0.0	0.0	6.0	20.0	10.0	0.0	0.0	0.0	40.0	50.0	0.0	0.0	
26	0.0	3.0	8.0	23.0	2.0	0.0	0.0	8.0	0.0	50.0	0.0	0.0	
27	0.0	0.0	7.0	15.0	70.0	0.0	0.0	0.0	35.0	5.0	30.0	0.0	
28	0.0	0.0	10.0	0.0	0.0	0.0	0.0	68.0	0.0	50.0	0.0	0.0	
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	5.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
31	0.0		0.0		10.0		0.0	0.0		10.0		0.0	
Total	77.0	48.0	203.0	227.0	180.0	65.0	51.0	76.0	145.0	234.0	135.0	143.0	Anual 1584.0
Días LI.	5	4	13	15	10	6	3	2	6	12	11	9	

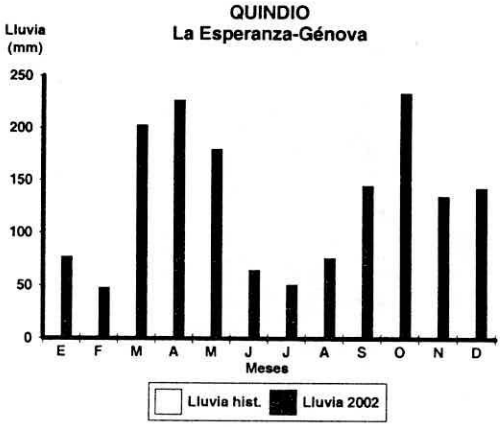
Estación : LA ALEJANDRIA Dpto. : QUINDIO Latitud : 4 ° 11 ' N
Año : 2002 Mpio. : GENOVA Longitud : 75 ° 47 ' W
Altitud : 1700 m

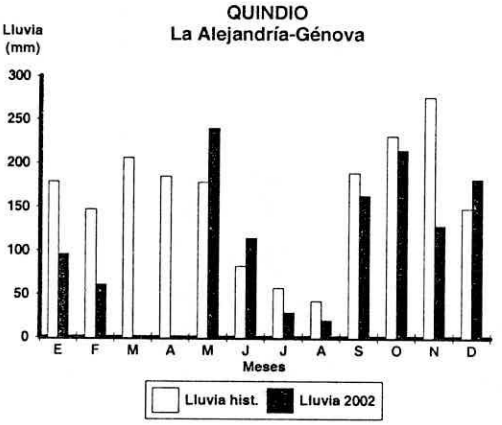
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0			0.0	10.0	0.0	0.0	30.0	0.0	10.0	0.0	
2	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
3	0.0	0.0			0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	
4	0.0	0.0			0.0	30.0	10.0	0.0	0.0	0.0	10.0	30.0	
5	0.0	0.0			0.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	
6	0.0	0.0			0.0	12.0	0.0	0.0	0.0	0.0	42.0	0.0	
7	10.0	10.0			0.0	0.0	0.0	0.0	0.0	10.0	0.0	20.0	
8	40.0	6.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
10	0.0	0.0			0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
11	0.0	0.0			0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	
12	20.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	
13	10.0	0.0			0.0	15.0	0.0	0.0	0.0	0.0	0.0	20.0	
14	0.0	20.0			0.0	0.0	0.0	0.0	0.0	0.0	2.0	50.0	
15	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	3.0	10.0	
16	0.0	0.0			10.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
17	0.0	0.0			0.0	0.0	9.0	0.0	8.0	20.0	0.0	10.0	
18	0.0	0.0			40.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
19	10.0	0.0			0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
20	0.0	15.0			20.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	10.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
22	0.0	0.0			52.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
23	6.0	0.0			24.0	0.0	10.0	0.0	30.0	10.0	0.0	0.0	
24	0.0	0.0			34.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
25	0.0	0.0			0.0	0.0	0.0	0.0	30.0	20.0	1.0	0.0	
26	0.0	0.0			48.0	0.0	0.0	0.0	35.0	10.0	0.0	0.0	
27	0.0	0.0			5.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
28	0.0	0.0			7.0	0.0	0.0	20.0	0.0	40.0	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				0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
31	0.0				0.0		0.0	0.0		30.0		0.0	
Total	96.0	61.0			240.0	114.0	29.0	20.0	163.0	215.0	129.0	182.0	Anual
Días Ll.	6	5			9	8	3	1	6	12	12	10	

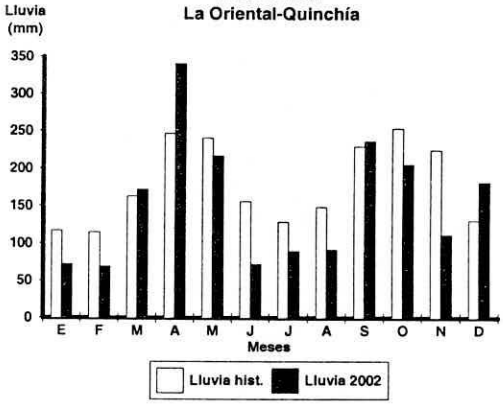
Estación : LA ORIENTAL Dpto. : RISARALDA Latitud : 5 ° 22 ' N
Año : 2002 Mpio. : QUINCHIA Longitud : 75 ° 43 ' W
Altitud : 1730 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	3.0	0.0	14.0	0.0	0.0	14.0	0.0	4.0	0.0	
2	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	13.0	0.0	19.0	0.0	
3	0.0	0.0	12.0	36.0	0.0	3.0	0.0	0.0	7.0	0.0	4.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	7.0	0.0	1.0	0.0	0.0	16.0	0.0	
5	0.0	0.0	0.0	7.0	0.0	14.0	27.0	0.0	0.0	0.0	15.0	4.0	
6	0.0	0.0	0.0	0.0	0.0	13.0	1.0	0.0	0.0	0.0	3.0	0.0	
7	3.0	9.0	6.0	17.0	28.0	0.0	0.0	0.0	0.0	0.0	2.0	12.0	
8	23.0	0.0	2.0	30.0	0.0	16.0	0.0	15.0	0.0	0.0	17.0	0.0	
9	20.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
10	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	8.0	1.0	0.0	12.0	
11	0.0	9.0	11.0	0.0	0.0	1.0	4.0	0.0	0.0	14.0	0.0	0.0	
12	3.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
13	8.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	5.0	14.0	
14	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	36.0	
15	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	
16	9.0	0.0	23.0	3.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	18.0	
17	0.0	0.0	0.0	4.0	2.0	4.0	1.0	0.0	57.0	22.0	0.0	19.0	
18	0.0	9.0	7.0	5.0	65.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	20.0	33.0	0.0	0.0	0.0	55.0	4.0	0.0	0.0	
20	0.0	0.0	7.0	10.0	0.0	0.0	6.0	0.0	0.0	6.0	0.0	32.0	
21	6.0	0.0	16.0	0.0	0.0	0.0	0.0	3.0	0.0	3.0	0.0	0.0	
22	0.0	22.0	0.0	2.0	15.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
23	0.0	0.0	0.0	12.0	2.0	0.0	1.0	0.0	11.0	7.0	0.0	0.0	
24	0.0	0.0	31.0	53.0	0.0	0.0	48.0	0.0	15.0	20.0	0.0	0.0	
25	0.0	0.0	0.0	9.0	14.0	0.0	0.0	0.0	19.0	10.0	0.0	0.0	
26	0.0	16.0	7.0	12.0	0.0	0.0	0.0	18.0	0.0	20.0	0.0	15.0	
27	0.0	4.0	0.0	25.0	23.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	
28	0.0	0.0	16.0	40.0	4.0	0.0	0.0	0.0	0.0	0.0	4.0	6.0	
29	0.0		0.0	18.0	0.0	0.0	0.0	16.0	0.0	15.0	0.0	0.0	
30	0.0		0.0	2.0	19.0	0.0	0.0	39.0	0.0	6.0	12.0	0.0	
31	0.0		7.0		0.0		2.0	0.0		5.0		0.0	
Total	72.0	69.0	172.0	340.0	217.0	72.0	90.0	92.0	237.0	206.0	112.0	182.0	Anual 1861.0
Días Ll.	7	6	15	22	11	8	8	6	12	16	13	11	


QUINDIO
El Porvenir-Pijao
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


QUINDIO
La Esperanza-Génova
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


QUINDIO
La Alejandría-Génova
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 2002


RISARALDA
La Oriental-Quinchía
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 2002

Estación : EL BARRANCO
Año : 2002

Dpto. : RISARALDA
Mpio. : MISTRATO

Latitud : 5 ° 20 ' N
Longitud : 75 ° 53 ' W
Altitud : 1580 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	13.0	3.0	14.0	0.0	16.0	0.0	0.0		0.0	0.0	0.0
2	0.0	0.0	9.0	4.0	2.0	0.0	0.0	0.0		0.0	4.0	0.0
3	0.0	19.0	6.0	2.0	17.0	3.0	0.0	3.0		0.0	18.0	0.0
4	0.0	0.0	0.0	0.0	3.0	17.0	0.0	0.0		3.0	3.0	0.0
5	0.0	0.0	0.0	3.0	0.0	12.0	39.0	0.0		0.0	5.0	0.0
6	1.0	0.0	0.0	7.0	0.0	9.0	0.0	0.0		5.0	0.0	3.0
7	17.0	0.0	2.0	0.0	3.0	11.0	0.0	0.0		0.0	18.0	8.0
8	3.0	2.0	12.0	17.0	0.0	13.0	0.0	0.0		0.0	5.0	4.0
9	0.0	2.0	0.0	56.0	0.0	3.0	0.0	2.0		0.0	30.0	0.0
10	0.0	0.0	0.0	23.0	3.0	5.0	26.0	0.0		8.0	0.0	0.0
11	0.0	0.0	3.0	16.0	0.0	0.0	17.0	0.0		7.0	0.0	2.0
12	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0		6.0	0.0	0.0
13	1.0	2.0	2.0	8.0	0.0	0.0	0.0	0.0		0.0	12.0	4.0
14	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	5.0
15	0.0	0.0	4.0	15.0	0.0	0.0	5.0	0.0		0.0	2.0	25.0
16	0.0	0.0	21.0	2.0	0.0	4.0	4.0	0.0		1.0	0.0	28.0
17	0.0	0.0	0.0	4.0	3.0	3.0	28.0	0.0		3.0	0.0	29.0
18	0.0	3.0	0.0	6.0	16.0	0.0	2.0	0.0		0.0	0.0	2.0
19	0.0	0.0	7.0	8.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
20	0.0	0.0	0.0	3.0	42.0	0.0	3.0	0.0		0.0	0.0	4.0
21	0.0	0.0	6.0	0.0	0.0	0.0	0.0	2.0		30.0	0.0	0.0
22	0.0	3.0	0.0	4.0	2.0	0.0	0.0	0.0		15.0	0.0	0.0
23	0.0	0.0	0.0	6.0	0.0	0.0	4.0	0.0		10.0	0.0	0.0
24	0.0	0.0	16.0	28.0	0.0	0.0	2.0	0.0		0.0	0.0	0.0
25	0.0	0.0	3.0	34.0	14.0	0.0	0.0	6.0		0.0	0.0	0.0
26	0.0	16.0	0.0	26.0	6.0	0.0	0.0	5.0		8.0	0.0	3.0
27	0.0	2.0	0.0	5.0	0.0	0.0	0.0	0.0		10.0	0.0	0.0
28	0.0	0.0	0.0	7.0	0.0	9.0	0.0	0.0		5.0	0.0	0.0
29	0.0		9.0	3.0	2.0	3.0	0.0	14.0		20.0	3.0	0.0
30	2.0		0.0	0.0	2.0	0.0	0.0	8.0		5.0	0.0	0.0
31	0.0		0.0		2.0		6.0	0.0		5.0		0.0
Total	24.0	62.0	109.0	305.0	117.0	108.0	136.0	40.0		141.0	100.0	117.0
Días LI.	5	9	15	25	14	13	11	7		16	10	12

Anual

Estación : EL DIAMANTE
Año : 2002

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	20.7	0.0	0.0	13.2	0.0	8.6	0.0
2	0.0	0.0	13.1	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	4.1	15.2	21.2	19.6	16.2	0.0	0.0	19.3	0.0	19.1	0.0
4	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	3.5	0.0	10.0	0.0	13.4	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	14.3	0.0
7	0.0	2.0	40.1	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	31.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	17.3
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	15.6	0.0	0.0	20.7	0.0	6.0	9.3
11	0.0	0.0	13.4	0.0	0.0	0.0	0.0	14.8	0.0	11.6	0.0	0.0
12	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0
13	17.1	0.0	14.7	40.7	0.0	0.0	10.3	0.0	0.0	0.0	16.3	0.0
14	2.4	0.0	6.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	12.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	67.4
16	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.0	0.0	13.9	0.0	22.6
17	0.0	0.0	42.6	0.0	65.3	0.0	10.2	0.0	32.3	27.1	0.0	0.0
18	0.0	9.8	0.0	20.7	0.0	0.0	0.0	0.0	6.7	28.2	0.0	0.0
19	0.0	0.0	0.0	31.2	74.6	0.0	0.0	0.0	38.9	0.0	0.0	0.0
20	0.0	2.5	10.5	11.8	0.0	0.0	0.0	0.0	3.5	0.0	9.0	47.1
21	0.0	0.0	0.0	0.0	8.2	0.0	10.1	6.8	0.0	11.3	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	1.0	0.0	0.0
24	0.0	0.0	0.0	60.1	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0
25	0.0	0.0	0.0	6.9	28.5	0.0	17.1	0.0	0.0	0.0	0.0	0.0
26	0.0	28.5	0.0	32.2	0.0	0.0	0.0	21.2	20.3	12.2	6.0	2.6
27	0.0	0.0	0.0	34.1	10.9	0.0	0.0	0.0	16.2	11.1	0.0	0.0
28	0.0	0.0	60.3	20.4	0.0	0.0	0.0	10.5	4.0	0.0	0.0	0.0
29	0.0		54.2	0.0	0.0	0.0	0.0	0.0	25.3	0.0	0.0	0.0
30	0.0		2.5	14.9	0.0	0.0	0.0	24.3	0.0	3.7	14.2	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
Total	51.4	54.0	272.9	341.5	243.1	89.2	47.7	77.6	200.4	142.1	108.1	166.3
Días LI.	3	7	11	15	8	6	4	5	11	10	10	6

Anual 1794.3

Estación : BUENOS AIRES
Año : 2002

Dpto. : RISARALDA
Mpio. : GUATICA

Latitud : 5 ° 18 'N
Longitud : 75 ° 49 'W
Altitud : 1750 m

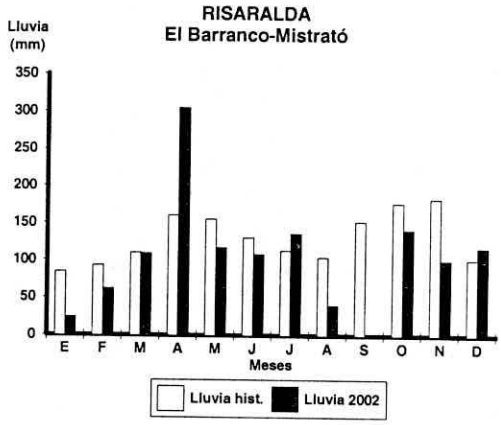
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	2.0	0.0	3.0	7.0	11.0	0.0	0.0	11.0	0.0	12.0	0.0	
2	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	8.0	0.0	
3	0.0	3.0	15.0	5.0	50.0	4.0	0.0	0.0	5.0	0.0	18.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	4.0	10.0	0.0	0.0	10.0	10.0	0.0	
6	7.0	0.0	0.0	0.0	0.0	12.0	2.0	0.0	0.0	3.0	5.0	40.0	
7	21.0	1.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	3.0	
8	0.0	0.0	11.0	11.0	0.0	30.0	0.0	5.0	0.0	0.0	10.0	1.0	
9	0.0	2.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	20.0	12.0	0.0	
10	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	10.0	2.0	0.0	0.0	
11	0.0	0.0	3.0	0.0	0.0	2.0	5.0	0.0	2.0	19.0	0.0	0.0	
12	0.0	1.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
13	2.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	4.0	0.0	
14	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	6.0	0.0	8.0	
15	0.0	2.0	13.0	21.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	20.0	
16	4.0	0.0	0.0	0.0	0.0	7.0	13.0	0.0	5.0	9.0	5.0	20.0	
17	0.0	0.0	0.0	10.0	2.0	4.0	6.0	0.0	30.0	10.0	0.0	10.0	
18	0.0	8.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	11.0	20.0	
19	0.0	0.0	4.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	
20	0.0	0.0	0.0	4.0	30.0	0.0	6.0	32.0	0.0	0.0	0.0	20.0	
21	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
22	3.0	8.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
23	0.0	0.0	0.0	8.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	22.0	17.0	0.0	0.0	30.0	0.0	8.0	0.0	6.0	0.0	
25	0.0	0.0	0.0	20.0	10.0	0.0	0.0	5.0	6.0	4.0	10.0	0.0	
26	0.0	10.0	0.0	30.0	0.0	0.0	0.0	17.0	0.0	20.0	0.0	0.0	
27	0.0	28.0	0.0	10.0	12.0	0.0	0.0	0.0	35.0	3.0	8.0	0.0	
28	0.0	0.0	7.0	32.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
29	0.0		2.0	10.0	1.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	
30	2.0		0.0	58.0	4.0	0.0	0.0	25.0	0.0	3.0	2.0	0.0	
31	0.0		0.0		0.0		5.0	0.0		4.0		0.0	
Total	40.0	65.0	100.0	284.0	153.0	83.0	81.0	86.0	142.0	157.0	140.0	159.0	Anual 1490.0
Días LI.	7	10	11	19	10	9	9	6	12	17	16	10	

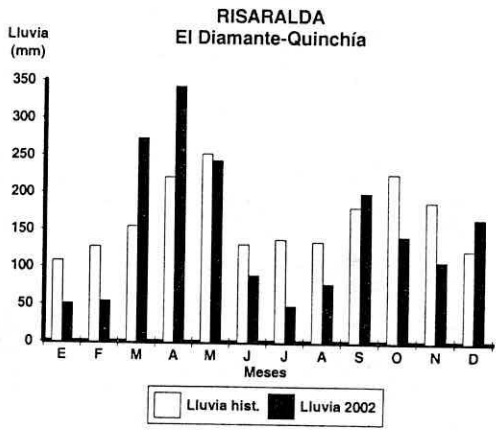
Estación : LOS CAMBULOS
Año : 2002

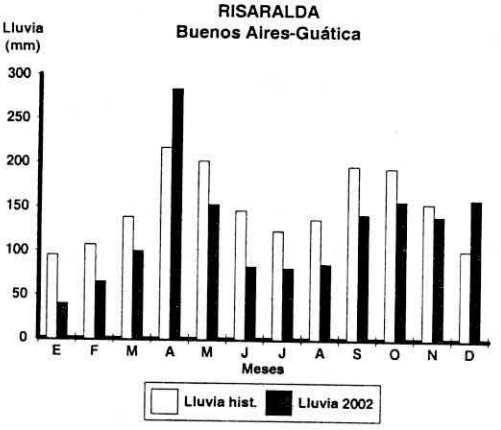
Dpto. : RISARALDA
Mpio. : BELEN DE UMBRIA

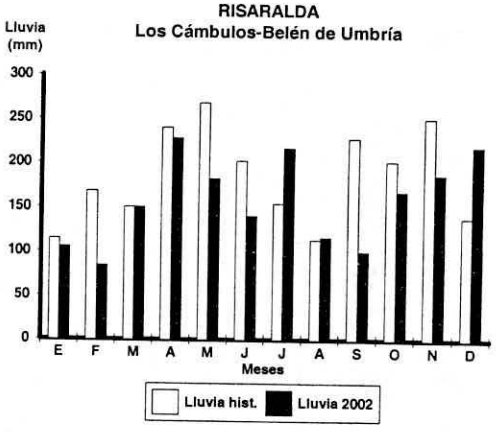
Latitud : 5 ° 9 'N
Longitud : 75 ° 53 'W
Altitud : 1400 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	4.0	0.0	14.0	0.0	0.0	21.0	6.0	2.0	0.0	
2	25.0	5.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
3	0.0	0.0	0.0	5.0	0.0	20.0	1.0	0.0	5.0	0.0	0.0	0.0	
4	0.0	0.0	5.0	0.0	0.0	0.0	52.0	29.0	0.0	0.0	24.0	0.0	
5	0.0	0.0	8.0	0.0	0.0	21.0	30.0	0.0	0.0	0.0	28.0	8.0	
6	8.0	0.0	0.0	12.0	25.0	11.0	0.0	0.0	0.0	0.0	15.0	0.0	
7	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.0	4.0	
8	4.0	0.0	0.0	36.0	0.0	11.0	0.0	13.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	3.0	0.0	11.0	0.0	
10	0.0	24.0	0.0	3.0	11.0	2.0	0.0	0.0	5.0	19.0	0.0	2.0	
11	0.0	3.0	3.0	0.0	0.0	17.0	8.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	2.0	0.0	3.0	0.0	0.0	0.0	0.0	24.0	0.0	
13	10.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	
14	5.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	50.0	
15	0.0	0.0	0.0	16.0	8.0	0.0	4.0	0.0	0.0	0.0	0.0	5.0	
16	0.0	0.0	26.0	1.0	4.0	0.0	50.0	0.0	0.0	6.0	0.0	44.0	
17	0.0	0.0	0.0	2.0	6.0	0.0	39.0	0.0	22.0	27.0	0.0	44.0	
18	0.0	47.0	0.0	20.0	19.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	2.0	4.0	22.0	5.0	0.0	0.0	0.0	0.0	4.0	
20	16.0	0.0	25.0	7.0	16.0	0.0	0.0	0.0	4.0	0.0	0.0	24.0	
21	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	14.0	8.0	0.0	
22	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	8.0	6.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	
24	0.0	0.0	20.0	23.0	39.0	0.0	24.0	4.0	4.0	5.0	9.0	0.0	
25	0.0	0.0	0.0	39.0	8.0	0.0	0.0	11.0	4.0	7.0	0.0	0.0	
26	0.0	5.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	16.0	0.0	0.0	
27	0.0	0.0	0.0	3.0	11.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	
28	0.0	0.0	8.0	5.0	0.0	19.0	0.0	54.0	0.0	0.0	7.0	0.0	
29	1.0		0.0	5.0	0.0	0.0	0.0	0.0	0.0	59.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	
31	0.0		25.0		0.0		0.0	0.0		0.0		0.0	
Total	105.0	84.0	150.0	228.0	182.0	140.0	217.0	116.0	100.0	168.0	187.0	219.0	Anual 1896.0
Días LI.	8	5	10	21	14	10	11	6	10	10	12	10	


RISARALDA
El Barranco-Mistrató
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 2002


RISARALDA
El Diamante-Quinchía
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 2002


RISARALDA
Buenos Aires-Guática
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 2002


RISARALDA
Los Cámbulos-Belén de Umbría
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 2002

Estación : LOS NARANJOS
Año : 2002

Dpto. : RISARALDA
Mpio. : SANTUARIO

Latitud : 5 ° 3 'N
Longitud : 76 ° 0 'W
Altitud : 1580 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0					0.0	15.0	10.0	0.0	0.0	
2	48.0	10.0	7.0					0.0	0.0	0.0	40.0	0.0	
3	0.0	10.0	3.0					0.0	4.0	0.0	0.0	0.0	
4	0.0	0.0	8.0					0.0	0.0	0.0	7.0	0.0	
5	0.0	0.0	0.0					0.0	0.0	0.0	15.0	5.0	
6	4.0	0.0	0.0					0.0	0.0	5.0	12.0	10.0	
7	22.0	0.0	13.0					0.0	0.0	0.0	30.0	0.0	
8	20.0	0.0	0.0					0.0	0.0	0.0	0.0	10.0	
9	0.0	0.0	0.0					0.0	0.0	0.0	5.0	0.0	
10	0.0	60.0	0.0					0.0	0.0	11.0	0.0	8.0	
11	0.0	0.0	3.0					0.0	0.0	0.0	15.0	0.0	
12	0.0	8.0	0.0					0.0	1.0	0.0	0.0	5.0	
13	10.0	0.0	8.0					0.0	5.0	0.0	7.0	15.0	
14	0.0	0.0	2.0					0.0	5.0	0.0	0.0	60.0	
15	11.0	0.0	20.0					0.0	0.0	0.0	0.0	15.0	
16	0.0	0.0	47.0					0.0	0.0	7.0	60.0	35.0	
17	0.0	0.0	0.0					0.0	10.0	46.0	0.0	45.0	
18	0.0	30.0	0.0					0.0	5.0	5.0	5.0	5.0	
19	0.0	0.0	0.0					0.0	0.0	0.0	0.0	0.0	
20	0.0	4.0	7.0					0.0	0.0	3.0	0.0	5.0	
21	0.0	0.0	15.0					0.0	0.0	10.0	0.0	0.0	
22	0.0	0.0	35.0					0.0	0.0	0.0	0.0	0.0	
23	10.0	0.0	0.0					0.0	5.0	31.0	5.0	0.0	
24	0.0	0.0	22.0					10.0	16.0	4.0	0.0	0.0	
25	0.0	0.0	0.0					0.0	20.0	5.0	0.0	0.0	
26	0.0	2.0	0.0					7.0	5.0	27.0	0.0	0.0	
27	0.0	0.0	0.0					17.0	21.0	0.0	10.0	0.0	
28	0.0	4.0	6.0					40.0	0.0	5.0	0.0	0.0	
29	10.0		6.0					5.0	0.0	47.0	5.0	0.0	
30	0.0		0.0					2.0	0.0	5.0	10.0	0.0	
31	0.0		0.0					15.0		3.0		0.0	
Total	135.0	128.0	202.0					96.0	112.0	224.0	226.0	218.0	Anual
Días LI.	8	8	15					7	12	16	14	12	

Estación : LA PALMERA
Año : 2002

Dpto. : RISARALDA
Mpio. : MARSELLA

Latitud : 5 ° 0 'N
Longitud : 75 ° 45 'W
Altitud : 1500 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	12.0	0.0	39.0	1.0	0.0	0.0	0.0	39.0	18.0	0.0	0.0	
2	29.0	14.0	1.0	0.0	0.0	15.0	0.0	0.0	1.0	0.0	4.0	0.0	
3	0.0	9.0	0.0	0.0	0.0	3.0	35.0	0.0	0.0	0.0	15.0	2.0	
4	0.0	0.0	0.0	1.0	2.0	6.0	24.0	0.0	0.0	0.0	4.0	4.0	
5	0.0	5.0	0.0	0.0	0.0	36.0	6.0	1.0	0.0	2.0	21.0	0.0	
6	19.0	1.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	14.0	1.0	
7	10.0	4.0	0.0	11.0	4.0	0.0	0.0	0.0	0.0	0.0	12.0	2.0	
8	4.0	0.0	1.0	49.0	0.0	13.0	5.0	0.0	0.0	0.0	0.0	7.0	
9	1.0	0.0	0.0	0.0	0.0	4.0	13.0	0.0	0.0	0.0	1.0	0.0	
10	11.0	3.0	0.0	3.0	0.0	10.0	0.0	0.0	0.0	26.0	2.0	0.0	
11	0.0	0.0	25.0	0.0	0.0	2.0	31.0	3.0	0.0	0.0	5.0	0.0	
12	1.0	0.0	0.0	1.0	0.0	17.0	0.0	0.0	26.0	1.0	12.0	0.0	
13	0.0	0.0	42.0	0.0	1.0	0.0	0.0	0.0	11.0	0.0	6.0	6.0	
14	0.0	0.0	11.0	0.0	3.0	1.0	0.0	0.0	0.0	0.0	9.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	4.0	2.0	0.0	1.0	
16	0.0	0.0	7.0	3.0	0.0	0.0	16.0	0.0	0.0	28.0	0.0	0.0	
17	0.0	0.0	1.0	24.0	8.0	0.0	4.0	0.0	41.0	25.0	24.0	9.0	
18	0.0	41.0	48.0	2.0	4.0	0.0	0.0	0.0	1.0	0.0	18.0	0.0	
19	0.0	0.0	0.0	0.0	22.0	0.0	39.0	15.0	3.0	0.0	1.0	0.0	
20	0.0	12.0	13.0	4.0	29.0	0.0	34.0	0.0	9.0	14.0	0.0	13.0	
21	0.0	1.0	1.0	0.0	1.0	0.0	0.0	71.0	0.0	8.0	0.0	0.0	
22	0.0	0.0	0.0	46.0	2.0	0.0	3.0	9.0	0.0	6.0	0.0	0.0	
23	2.0	0.0	0.0	9.0	32.0	0.0	0.0	0.0	25.0	46.0	0.0	0.0	
24	1.0	1.0	38.0	70.0	0.0	0.0	0.0	0.0	7.0	23.0	0.0	0.0	
25	0.0	0.0	0.0	11.0	30.0	0.0	0.0	8.0	24.0	19.0	0.0	0.0	
26	0.0	0.0	0.0	4.0	9.0	0.0	0.0	2.0	6.0	0.0	0.0	0.0	
27	0.0	1.0	0.0	16.0	4.0	11.0	0.0	0.0	37.0	4.0	32.0	0.0	
28	0.0	0.0	0.0	2.0	0.0	0.0	0.0	19.0	0.0	36.0	11.0	0.0	
29	0.0		0.0	1.0	1.0	0.0	0.0	0.0	1.0	41.0	0.0	0.0	
30	0.0		0.0	23.0	6.0	4.0	16.0	0.0	0.0	0.0	11.0	0.0	
31	0.0		12.0		4.0		0.0	2.0		6.0		0.0	
Total	78.0	104.0	200.0	321.0	163.0	123.0	227.0	130.0	235.0	305.0	202.0	45.0	Anual 2133.0
Días LI.	9	12	12	20	18	13	13	9	15	17	18	9	

Estación : LA TRIBUNA
Año : 2002

Dpto. : RISARALDA
Mpio. : BALBOA

Latitud : 4 ° 57 ' N
Longitud : 75 ° 58 ' W
Altitud : 1580 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	10.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	13.0
2	0.0	30.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	18.0	0.0
3	15.0	7.0	0.0	0.0	10.0	22.0	30.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	28.0	0.0	0.0	30.0	0.0	0.0	0.0	10.0	15.0
5	0.0	0.0	0.0	38.0	0.0	62.0	70.0	0.0	0.0	0.0	10.0	10.0
6	0.0	0.0	0.0	34.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0
7	12.0	0.0	0.0	0.0	24.0	10.0	0.0	0.0	15.0	0.0	0.0	10.0
8	0.0	20.0	0.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	10.0	0.0	0.0
10	0.0	10.0	2.0	24.0	0.0	17.0	10.0	0.0	0.0	0.0	0.0	0.0
11	0.0	3.0	0.0	10.0	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	15.0
13	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0
14	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	25.0	17.0	17.0
15	7.0	0.0	7.0	0.0	24.0	0.0	0.0	0.0	0.0	10.0	0.0	30.0
16	3.0	0.0	35.0	10.0	30.0	0.0	28.0	0.0	0.0	0.0	30.0	0.0
17	0.0	35.0	0.0	15.0	40.0	0.0	25.0	0.0	0.0	0.0	0.0	20.0
18	0.0	0.0	12.0	46.0	28.0	0.0	40.0	0.0	0.0	11.0	0.0	18.0
19	0.0	0.0	0.0	17.0	47.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
20	0.0	0.0	82.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	10.0
22	20.0	0.0	32.0	24.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	10.0	30.0	0.0	0.0	0.0	25.0	46.0	0.0	0.0
24	0.0	0.0	0.0	11.0	10.0	0.0	0.0	0.0	41.0	50.0	0.0	0.0
25	0.0	0.0	0.0	25.0	77.0	0.0	0.0	0.0	12.0	30.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	12.0	28.0	0.0	0.0
27	0.0	4.0	28.0	30.0	7.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
28	20.0	1.0	16.0	17.0	0.0	0.0	0.0	0.0	5.0	40.0	20.0	0.0
29	10.0		0.0	10.0	0.0	0.0	0.0	39.0	0.0	30.0	0.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	20.0	0.0	40.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		20.0		0.0
Total	97.0	110.0	226.0	483.0	367.0	142.0	284.0	76.0	110.0	347.0	177.0	208.0
Días Ll.	8	8	9	20	12	6	9	3	6	13	9	12

Anual 2627.0

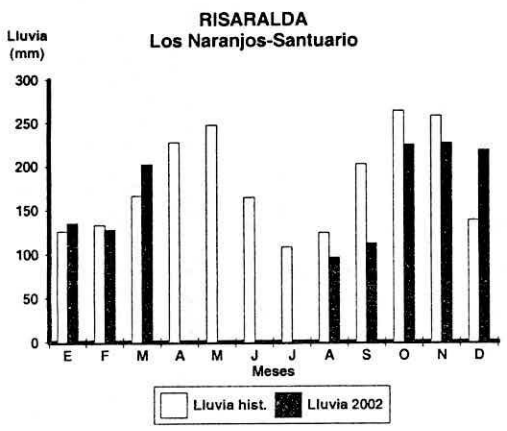
Estación : LAS HORTENSIAS
Año : 2002

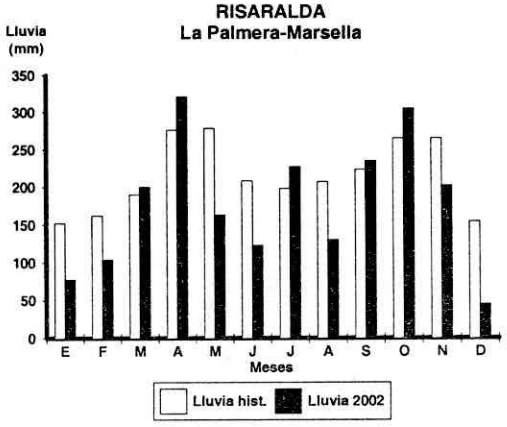
Dpto. : RISARALDA
Mpio. : DOSQUEBRADAS

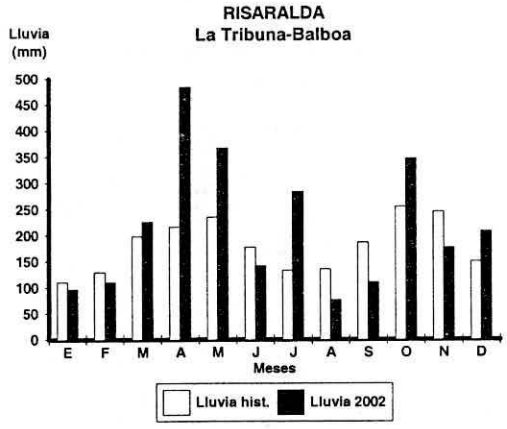
Latitud : 4 ° 52 ' N
Longitud : 75 ° 42 ' W
Altitud : 1977 m

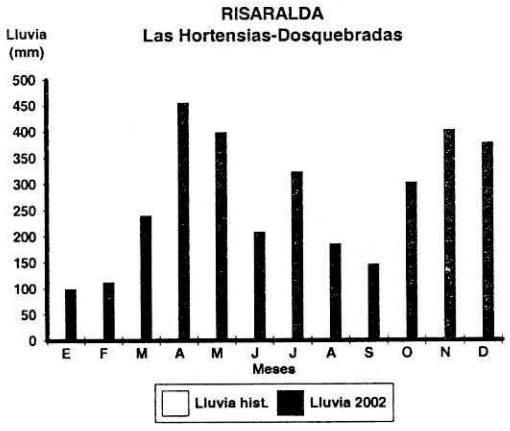
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	16.0	28.0	19.0	19.0	0.0	0.0	0.0	0.0	12.0	0.0
2	17.0	8.0	0.0	3.0	0.0	7.0	0.0	0.0	0.0	0.0	31.0	10.0
3	6.0	0.0	0.0	5.0	23.0	3.0	24.0	0.0	3.0	0.0	18.0	20.0
4	0.0	0.0	0.0	0.0	5.0	22.0	70.0	3.0	0.0	0.0	12.0	10.0
5	0.0	0.0	8.0	2.0	3.0	4.0	32.0	0.0	0.0	0.0	53.0	40.0
6	22.0	0.0	5.0	16.0	0.0	41.0	18.0	0.0	0.0	0.0	53.0	15.0
7	7.0	17.0	0.0	24.0	11.0	27.0	0.0	0.0	2.0	0.0	18.0	7.0
8	16.0	3.0	0.0	71.0	8.0	13.0	0.0	15.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	11.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	8.0	0.0	4.0	34.0	0.0	0.0	0.0	0.0	65.0
11	0.0	8.0	0.0	12.0	0.0	8.0	16.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	18.0	4.0	0.0	37.0	34.0	0.0	0.0
13	23.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0
14	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	6.0	37.0
15	0.0	0.0	0.0	0.0	7.0	6.0	0.0	0.0	0.0	6.0	0.0	65.0
16	0.0	0.0	19.0	21.0	0.0	14.0	0.0	0.0	0.0	11.0	0.0	42.0
17	0.0	0.0	8.0	0.0	54.0	0.0	12.0	0.0	0.0	0.0	48.0	18.0
18	0.0	0.0	7.0	42.0	38.0	0.0	7.0	0.0	2.0	0.0	0.0	0.0
19	0.0	0.0	3.0	18.0	0.0	0.0	15.0	0.0	0.0	0.0	5.0	0.0
20	8.0	0.0	13.0	9.0	6.0	0.0	24.0	0.0	0.0	56.0	3.0	32.0
21	0.0	19.0	0.0	3.0	18.0	0.0	8.0	0.0	0.0	0.0	0.0	17.0
22	0.0	11.0	0.0	7.0	11.0	0.0	0.0	0.0	11.0	0.0	39.0	0.0
23	0.0	0.0	8.0	35.0	67.0	0.0	10.0	0.0	8.0	21.0	0.0	0.0
24	0.0	0.0	52.0	37.0	23.0	0.0	12.0	0.0	26.0	14.0	0.0	0.0
25	0.0	0.0	19.0	23.0	19.0	0.0	0.0	20.0	12.0	12.0	0.0	0.0
26	0.0	20.0	0.0	17.0	0.0	0.0	0.0	17.0	17.0	35.0	0.0	0.0
27	0.0	19.0	8.0	39.0	12.0	0.0	0.0	12.0	25.0	5.0	0.0	0.0
28	0.0	7.0	32.0	14.0	10.0	0.0	0.0	78.0	3.0	10.0	17.0	0.0
29	0.0		0.0	3.0	27.0	0.0	0.0	16.0	0.0	51.0	45.0	0.0
30	0.0		0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		7.0		38.0		11.0	24.0		48.0		0.0
Total	99.0	112.0	240.0	455.0	399.0	208.0	323.0	185.0	146.0	303.0	402.0	378.0
Días Ll.	7	9	15	24	19	14	16	8	11	12	15	13

Anual 3250.0


RISARALDA
Los Naranjos-Santuario
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 2002


RISARALDA
La Palmera-Marsella
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 2002


RISARALDA
La Tribuna-Balboa
Lluvia (mm)
500
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


RISARALDA
Las Hortensias-Dosquebradas
Lluvia (mm)
500
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : EL BOSQUE
Año : 2002

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	3.0	6.0	0.0	0.0	7.0	0.0	15.0	0.0	
2	0.0	0.0	0.0	7.0	22.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	
3	0.0	0.0	0.0	3.0	3.0	30.0	30.0	0.0	4.0	0.0	21.0	0.0	
4	0.0	7.0	0.0	0.0	0.0	7.0	32.0	0.0	0.0	0.0	10.0	42.0	
5	0.0	0.0	0.0	4.0	0.0	10.0	46.0	0.0	0.0	2.0	26.0	28.0	
6	0.0	0.0	20.0	0.0	10.0	19.0	0.0	0.0	0.0	0.0	25.0	0.0	
7	10.0	0.0	0.0	19.0	17.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
8	0.0	0.0	10.0	41.0	0.0	21.0	0.0	35.0	0.0	3.0	7.0	9.0	
9	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	10.0	0.0	15.0	0.0	
10	0.0	0.0	0.0	10.0	0.0	0.0	53.0	0.0	7.0	17.0	5.0	33.0	
11	0.0	8.0	0.0	0.0	0.0	0.0	6.0	0.0	23.0	6.0	8.0	0.0	
12	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	
13	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
14	0.0	9.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	33.0	0.0	65.0	
15	0.0	0.0	11.0	0.0	20.0	0.0	0.0	0.0	4.0	0.0	0.0	15.0	
16	0.0	0.0	13.0	29.0	22.0	0.0	0.0	0.0	0.0	30.0	0.0	40.0	
17	3.0	0.0	0.0	0.0	60.0	0.0	6.0	0.0	0.0	0.0	0.0	10.0	
18	0.0	36.0	0.0	7.0	40.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
19	0.0	0.0	15.0	45.0	0.0	0.0	0.0	0.0	10.0	21.0	0.0	10.0	
20	1.0	11.0	0.0	12.0	23.0	0.0	15.0	0.0	0.0	73.0	0.0	13.0	
21	0.0	2.0	17.0	1.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
22	0.0	0.0	0.0	4.0	15.0	0.0	0.0	0.0	15.0	0.0	0.0	8.0	
23	35.0	0.0	0.0	24.0	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	20.0	60.0	16.0	0.0	13.0	0.0	6.0	22.0	0.0	0.0	
25	0.0	0.0	0.0	4.0	9.0	0.0	0.0	7.0	30.0	0.0	0.0	0.0	
26	0.0	0.0	11.0	45.0	0.0	0.0	0.0	13.0	0.0	64.0	0.0	0.0	
27	0.0	0.0	15.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	13.0	16.0	41.0	5.0	0.0	0.0	36.0	0.0	6.0	2.0	0.0	
29	19.0		13.0	4.0	4.0	36.0	0.0	0.0	10.0	36.0	3.0	0.0	
30	0.0		7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	
31	0.0		16.0		0.0		0.0	0.0		4.0		0.0	
Total	68.0	86.0	209.0	390.0	411.0	129.0	201.0	91.0	136.0	339.0	214.0	303.0	Anual 2577.0
Días LI.	5	7	14	20	19	7	8	4	12	14	15	12	

Estación : COMBIA
Año : 2002

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	10.0		0.0	5.0	0.0	31.0	0.0	0.0	9.0	0.0	18.0		
2	0.0		0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	14.0		
3	0.0		0.0	10.0	0.0	4.0	53.0	0.0	3.0	0.0	20.0		
4	0.0		2.0	0.0	0.0	2.0	62.0	0.0	0.0	0.0	30.0		
5	0.0		11.0	0.0	0.0	30.0	28.0	4.0	0.0	0.0	14.0		
6	0.0		4.0	5.0	0.0	15.0	0.0	0.0	0.0	0.0	4.0		
7	10.0		0.0	6.0	0.0	10.0	0.0	0.0	12.0	28.0	6.0		
8	0.0		0.0	50.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0		
9	0.0		0.0	1.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0		
10	0.0		0.0	0.0	0.0	10.0	10.0	0.0	0.0	29.0	5.0		
11	0.0		0.0	0.0	0.0	25.0	5.0	0.0	0.0	0.0	4.0		
12	0.0		0.0	0.0	0.0	7.0	0.0	0.0	7.0	12.0	0.0		
13	12.0		9.0	0.0	0.0	1.0	0.0	0.0	0.0	3.0	18.0		
14	0.0		8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0		
15	0.0		1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0		
16	0.0		18.0	1.0	28.0	0.0	0.0	0.0	4.0	2.0	9.0		
17	0.0		0.0	0.0	30.0	0.0	12.0	0.0	0.0	40.0	24.0		
18	0.0		19.0	10.0	11.0	0.0	18.0	0.0	2.0	15.0	10.0		
19	0.0		0.0	15.0	4.0	0.0	35.0	0.0	0.0	5.0	0.0		
20	0.0		20.0	31.0	25.0	0.0	10.0	0.0	0.0	10.0	0.0		
21	0.0		0.0	2.0	5.0	0.0	0.0	0.0	0.0	12.0	0.0		
22	0.0		0.0	50.0	10.0	0.0	2.0	0.0	0.0	11.0	0.0		
23	0.0		0.0	40.0	35.0	0.0	8.0	0.0	27.0	9.0	0.0		
24	0.0		38.0	20.0	10.0	0.0	0.0	0.0	50.0	10.0	0.0		
25	0.0		0.0	0.0	14.0	0.0	0.0	0.0	50.0	25.0	0.0		
26	0.0		10.0	53.0	0.0	0.0	0.0	0.0	3.0	50.0	0.0		
27	0.0		0.0	0.0	30.0	28.0	0.0	0.0	28.0	1.0	0.0		
28	3.0		0.0	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	0.0	0.0	0.0	0.0	30.0	0.0		
30	0.0		0.0	0.0	0.0	0.0	8.0	0.0	0.0	9.0	0.0		
31	0.0		0.0		0.0		3.0	0.0		41.0			
Total	35.0		140.0	299.0	202.0	178.0	258.0	6.0	195.0	344.0	190.0		Anual
Días LI.	4		11	15	11	13	14	2	11	20	15		

Estación : LA PLAYA
Año : 2002

Dpto. : RISARALDA
Mpio. : PEREIRA

Latitud : 4 ° 49 ' N
Longitud : 75 ° 45 ' W
Altitud : 1230 m

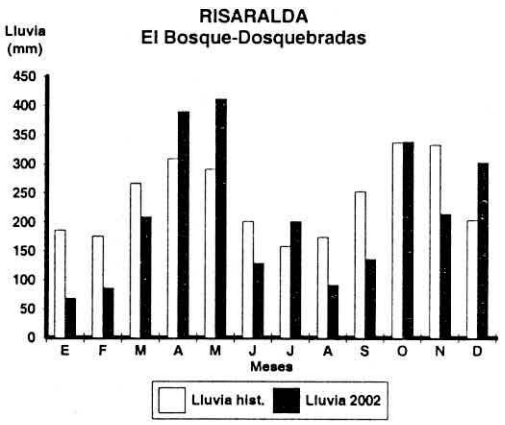
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	10.0	15.0	2.0	5.0	0.0	5.0	0.0	5.0	20.0	2.0	
2	0.0	15.0	10.0	10.0	5.0	5.0	0.0	2.0	0.0	15.0	15.0	10.0	
3	2.0	2.0	10.0	10.0	5.0	5.0	2.0	0.0	2.0	40.0	10.0	2.0	
4	2.0	0.0	5.0	10.0	2.0	10.0	5.0	0.0	10.0	10.0	10.0	2.0	
5	0.0	0.0	5.0	5.0	2.0	2.0	2.0	0.0	2.0	10.0	5.0	10.0	
6	0.0	0.0	5.0	2.0	10.0	2.0	0.0	0.0	2.0	10.0	10.0	0.0	
7	2.0	5.0	0.0	2.0	10.0	0.0	0.0	0.0	2.0	20.0	5.0	2.0	
8	2.0	2.0	0.0	5.0	15.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
9	0.0	2.0	0.0	2.0	20.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	
10	3.0	5.0	0.0	5.0	2.0	0.0	0.0	5.0	0.0	0.0	0.0	2.0	
11	4.0	5.0	5.0	10.0	5.0	0.0	0.0	10.0	0.0	2.0	20.0	2.0	
12	0.0	0.0	10.0	15.0	0.0	2.0	0.0	10.0	0.0	2.0	15.0	0.0	
13	0.0	0.0	10.0	20.0	0.0	2.0	0.0	5.0	2.0	5.0	40.0	0.0	
14	0.0	0.0	10.0	30.0	0.0	0.0	2.0	5.0	5.0	10.0	30.0	0.0	
15	0.0	0.0	5.0	30.0	0.0	0.0	0.0	5.0	5.0	10.0	10.0	0.0	
16	0.0	2.0	5.0	20.0	0.0	0.0	5.0	0.0	2.0	2.0	10.0	0.0	
17	0.0	2.0	5.0	25.0	40.0	0.0	2.0	0.0	2.0	5.0	15.0	0.0	
18	0.0	5.0	2.0	15.0	45.0	0.0	0.0	2.0	0.0	0.0	20.0	0.0	
19	0.0	7.0	2.0	2.0	10.0	0.0	0.0	15.0	0.0	0.0	10.0	0.0	
20	2.0	5.0	10.0	5.0	10.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	
21	5.0	0.0	5.0	5.0	10.0	0.0	0.0	2.0	0.0	0.0	5.0	0.0	
22	0.0	2.0	5.0	5.0	5.0	0.0	0.0	10.0	0.0	5.0	5.0	0.0	
23	0.0	2.0	15.0	5.0	5.0	0.0	10.0	2.0	0.0	10.0	15.0	0.0	
24	0.0	5.0	20.0	0.0	2.0	0.0	5.0	2.0	0.0	2.0	20.0	0.0	
25	0.0	10.0	20.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	15.0	0.0	
26	0.0	2.0	15.0	5.0	2.0	0.0	0.0	0.0	2.0	2.0	10.0	0.0	
27	5.0	2.0	10.0	45.0	2.0	0.0	0.0	0.0	0.0	15.0	10.0	0.0	
28	2.0	5.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
29	12.0		5.0	15.0	2.0	0.0	2.0	0.0	0.0	0.0	10.0	0.0	
30	0.0		5.0	2.0	5.0	0.0	0.0	0.0	5.0	0.0	2.0	0.0	
31	0.0		0.0		2.0		0.0	0.0		15.0		0.0	
Total	41.0	85.0	214.0	322.0	220.0	33.0	37.0	87.0	43.0	197.0	362.0	32.0	Anual 1673.0
Días Ll.	11	19	26	28	25	8	10	16	13	21	27	8	

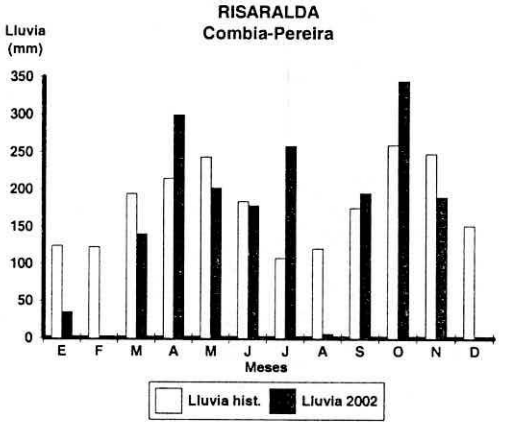
Estación : LOS CAMBULOS
Año : 2002

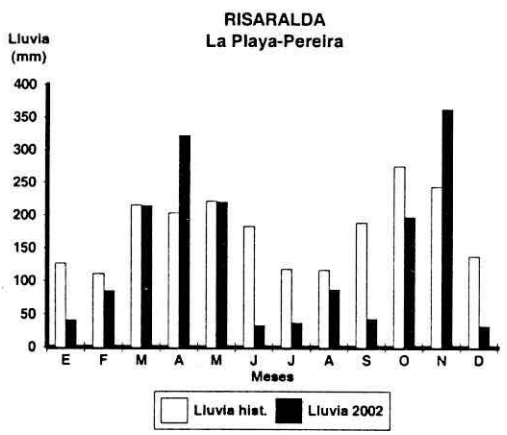
Dpto. : RISARALDA
Mpio. : PEREIRA

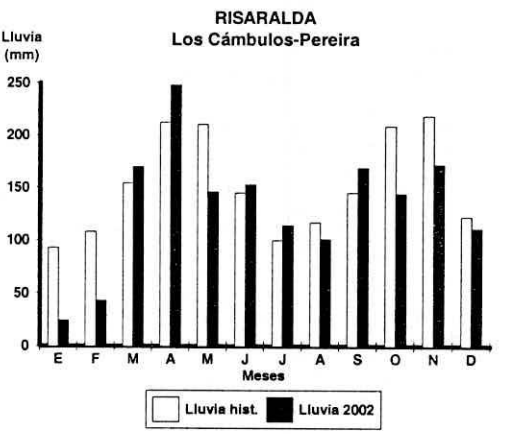
Latitud : 4 ° 49 ' N
Longitud : 75 ° 50 ' W
Altitud : 1180 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	2.0	0.0	0.0	5.0	0.0	78.0	0.0	0.0	42.0	0.0	20.0	0.0	
2	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	2.0	12.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	5.0	3.0	1.0	0.0	21.0	0.0	
4	0.0	2.0	3.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	41.0	0.0	
5	0.0	0.0	2.0	5.0	0.0	43.0	17.0	0.0	0.0	0.0	6.0	21.0	
6	0.0	0.0	4.0	23.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	3.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	
8	2.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
9	0.0	29.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	7.0	
11	0.0	0.0	0.0	0.0	0.0	7.0	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	5.0	0.0	9.0	0.0	
13	0.0	0.0	7.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	9.0	24.0	
14	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	51.0	
15	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	32.0	0.0	8.0	0.0	0.0	0.0	0.0	14.0	2.0	0.0	
17	0.0	1.0	0.0	4.0	47.0	2.0	8.0	0.0	9.0	0.0	11.0	0.0	
18	0.0	0.0	23.0	20.0	4.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	7.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	1.0	
20	0.0	0.0	0.0	24.0	0.0	0.0	12.0	0.0	0.0	7.0	0.0	0.0	
21	0.0	0.0	39.0	0.0	19.0	0.0	0.0	0.0	0.0	13.0	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	5.0	0.0	0.0	37.0	39.0	0.0	8.0	0.0	2.0	15.0	0.0	0.0	
24	0.0	0.0	41.0	0.0	0.0	0.0	0.0	9.0	54.0	0.0	0.0	0.0	
25	0.0	3.0	0.0	2.0	0.0	0.0	0.0	0.0	38.0	31.0	0.0	7.0	
26	0.0	3.0	10.0	12.0	6.0	0.0	0.0	8.0	5.0	0.0	0.0	0.0	
27	0.0	4.0	0.0	43.0	12.0	0.0	0.0	0.0	13.0	27.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.0	0.0	0.0	0.0	0.0	
29	12.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		9.0		0.0	
Total	24.0	43.0	170.0	248.0	146.0	153.0	114.0	101.0	169.0	144.0	172.0	111.0	Anual 1595.0
Días Ll.	5	7	10	14	8	7	10	4	9	10	12	6	


RISARALDA
El Bosque-Dosquebradas
Lluvia (mm)
450
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


RISARALDA
Combia-Pereira
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 2002


RISARALDA
La Playa-Pereira
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


RISARALDA
Los Cámbulos-Pereira
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : LA RENTA
Año : 2002

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	0.0	0.0	0.0	8.0	4.0	20.0	0.0	0.0	4.0	0.0	24.0	0.0	
2	4.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	
3	0.0	0.0	7.0	12.0	1.0	3.0	19.0	0.0	3.0	4.0	22.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	9.0	1.0	0.0	0.0	25.0	0.0	
5	0.0	4.0	0.0	0.0	0.0	18.0	12.0	0.0	0.0	0.0	24.0	19.0	
6	0.0	0.0	10.0	12.0	0.0	11.0	0.0	0.0	0.0	0.0	3.0	1.0	
7	3.0	0.0	3.0	6.0	0.0	5.0	0.0	3.0	1.0	3.0	15.0	0.0	
8	0.0	0.0	0.0	42.0	0.0	12.0	0.0	0.0	0.0	0.0	5.0	4.0	
9	4.0	1.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	2.0	0.0	0.0	0.0	6.0	2.0	0.0	0.0	11.0	1.0	9.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	2.0	0.0	
13	1.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	
14	0.0	0.0	16.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	30.0	
15	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	31.0	0.0	20.0	
16	0.0	0.0	14.0	2.0	4.0	0.0	0.0	0.0	0.0	14.0	2.0	1.0	
17	0.0	0.0	0.0	0.0	27.0	9.0	1.0	0.0	7.0	19.0	3.0	6.0	
18	0.0	1.0	22.0	13.0	2.0	0.0	28.0	0.0	3.0	0.0	0.0	0.0	
19	0.0	5.0	0.0	41.0	1.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
20	23.0	0.0	37.0	45.0	53.0	0.0	8.0	0.0	0.0	20.0	0.0	6.0	
21	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	
22	2.0	2.0	9.0	2.0	2.0	0.0	0.0	0.0	0.0	22.0	0.0	1.0	
23	0.0	1.0	0.0	45.0	10.0	0.0	0.0	0.0	7.0	27.0	0.0	0.0	
24	0.0	0.0	6.0	27.0	2.0	0.0	0.0	0.0	25.0	12.0	0.0	0.0	
25	0.0	0.0	0.0	5.0	9.0	0.0	0.0	6.0	32.0	17.0	0.0	7.0	
26	0.0	0.0	0.0	28.0	0.0	0.0	0.0	28.0	15.0	87.0	0.0	0.0	
27	4.0	8.0	0.0	0.0	17.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	15.0	0.0	0.0	0.0	61.0	2.0	0.0	0.0	0.0	
29	21.0		0.0	0.0	0.0	4.0	0.0	4.0	0.0	20.0	9.0	0.0	
30	0.0		0.0	0.0	2.0	0.0	14.0	1.0	0.0	6.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	62.0	24.0	134.0	305.0	141.0	115.0	99.0	104.0	115.0	326.0	195.0	104.0	Anual 1724.0
Días LI.	8	8	12	16	15	11	10	7	12	15	14	11	

Estación : EL SILENCIO
Año : 2002

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	3.0	0.0	0.0	0.0	12.0	0.0	40.0	0.0	
2	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	11.0	0.0	4.0	0.0	
3	0.0	6.0	6.0	0.0	7.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	5.0	0.0	0.0	0.0	65.0	1.0	15.0	0.0	0.0	2.0	0.0	
5	0.0	10.0	6.0	24.0	0.0	5.0	44.0	0.0	0.0	0.0	5.0	0.0	
6	0.0	0.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	10.0	12.0	0.0	
7	0.0	0.0	0.0	19.0	0.0	6.0	0.0	0.0	0.0	53.0	20.0	0.0	
8	0.0	80.0	0.0	0.0	0.0	0.0	0.0	21.0	6.0	0.0	0.0	50.0	
9	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
10	0.0	0.0	0.0	29.0	2.0	0.0	17.0	0.0	11.0	5.0	0.0	0.0	
11	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	4.0	2.0	6.0	0.0	
13	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	1.0	16.0	0.0	0.0	
14	21.0	0.0	0.0	6.0	1.0	16.0	0.0	0.0	0.0	0.0	0.0	20.0	
15	0.0	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0	
16	0.0	0.0	8.0	10.0	0.0	3.0	0.0	0.0	11.0	3.0	0.0	0.0	
17	0.0	0.0	4.0	31.0	7.0	6.0	1.0	0.0	54.0	0.0	10.0	0.0	
18	0.0	0.0	0.0	25.0	4.0	10.0	0.0	0.0	7.0	5.0	0.0	0.0	
19	0.0	0.0	9.0	39.0	0.0	0.0	0.0	10.0	2.0	0.0	0.0	40.0	
20	0.0	0.0	7.0	89.0	20.0	5.0	0.0	50.0	0.0	0.0	0.0	4.0	
21	0.0	0.0	10.0	1.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	18.0	0.0	21.0	0.0	0.0	0.0	2.0	50.0	0.0	0.0	
23	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	0.0	
24	0.0	0.0	0.0	8.0	29.0	0.0	28.0	0.0	0.0	34.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	51.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	14.0	4.0	0.0	0.0	0.0	25.0	18.0	7.0	0.0	0.0	
27	0.0	0.0	4.0	25.0	1.0	0.0	0.0	3.0	1.0	12.0	0.0	0.0	
28	0.0	0.0	16.0	10.0	14.0	3.0	0.0	3.0	0.0	0.0	2.0	0.0	
29	15.0		4.0	0.0	0.0	0.0	0.0	2.0	0.0	48.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	4.0	0.0	10.0	0.0	0.0	
31	0.0		0.0		0.0		16.0	4.0		0.0		0.0	
Total	36.0	101.0	112.0	367.0	166.0	131.0	110.0	147.0	140.0	260.0	107.0	134.0	Anual 1811.0
Días LI.	2	4	13	18	14	12	8	11	13	15	10	5	

Estación : PALESTINA
Año : 2002

Dpto. : SANTANDER
Mpio. : RIONEGRO

Latitud : 7 ° 19 ' N
Longitud : 73 ° 7 ' 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	0.0	0.0	2.5	10.0	0.0
2	0.0	0.0	0.0	0.0		0.0	0.0	0.0	4.0	7.0	2.0	0.0
3	0.0	13.0	0.0	0.0		0.0	0.0	5.0	0.0	0.0	6.0	0.0
4	0.0	11.0	0.0	15.0		0.0	30.0	0.0	0.0	3.0	0.0	0.0
5	0.0	0.0	0.0	11.0		0.0	20.0	0.0	0.0	9.0	4.0	0.0
6	0.0	0.0	0.0	0.0		0.0	0.0	0.0	2.5	0.0	20.0	9.0
7	0.0	0.0	0.0	26.0		0.0	10.0	0.0	0.0	0.0	0.0	0.0
8	8.0	0.0	0.0	17.0		0.0	0.0	0.0	0.0	10.0	7.0	2.0
9	0.0	0.0	2.0	0.0		0.0	0.0	0.0	0.0	8.0	3.0	0.0
10	0.0	0.0	0.0	2.0		5.0	0.0	0.0	5.0	0.0	9.0	0.0
11	0.0	0.0	5.0	25.0		10.0	0.0	0.0	2.0	20.0	0.0	0.0
12	28.0	0.0	0.0	0.0		8.0	0.0	0.0	7.0	4.0	0.0	0.0
13	0.0	0.0	9.0	51.0		0.0	0.0	0.0	0.0	0.0	1.5	0.0
14	0.0	0.0	18.0	55.0		14.0	0.0	0.0	0.0	0.0	10.0	0.0
15	0.0	0.0	0.0	11.0		8.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	28.0	24.0		0.0	0.0	0.0	1.5	0.0	0.0	3.0
17	0.0	0.0	2.0	9.0		0.0	0.0	0.0	1.0	11.0	0.0	11.0
18	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	3.0	2.5	4.0
19	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	2.0	17.0	0.0
20	0.0	0.0	0.0	11.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	13.0	0.0		0.0	0.0	25.0	2.5	0.0	0.0	0.0
22	5.0	0.0	2.0	0.0		0.0	0.0	30.0	9.0	0.0	0.0	0.0
23	0.0	0.0	0.0	33.0		3.0	0.0	0.0	0.0	4.0	20.0	0.0
24	0.0	0.0	0.0	0.0		0.0	0.0	0.0	16.0	0.0	1.0	8.0
25	0.0	0.0	10.0	0.0		0.0	0.0	0.0	4.5	0.0	3.0	2.0
26	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	2.0	0.0	10.0
27	0.0	12.0	14.0	28.0		0.0	0.0	0.0	0.0	15.0	0.0	0.0
28	0.0	0.0	6.0	0.0		0.0	0.0	0.0	0.0	10.0	4.0	0.0
29	13.0		0.0	0.0		0.0	0.0	0.0	0.0	0.0	12.0	0.0
30	0.0		22.0	0.0		0.0	0.0	0.0	2.5	3.0	0.0	0.0
31	0.0		0.0				0.0	5.0		0.0		0.0
Total	54.0	36.0	131.0	318.0		48.0	60.0	65.0	57.5	113.5	132.0	49.0
Días LI.	4	3	12	14		6	3	4	12	16	17	8

Anual

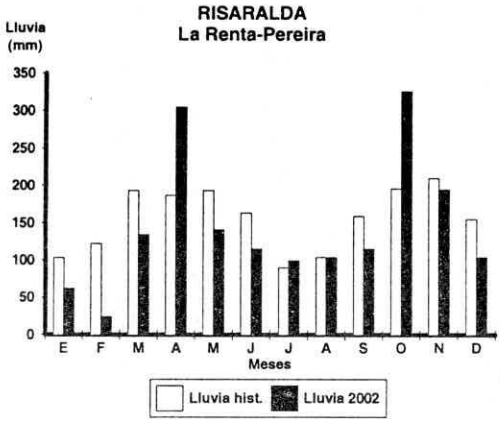
Estación : COCAL
Año : 2002

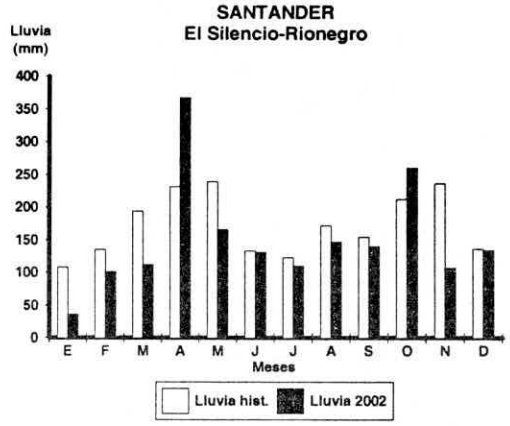
Dpto. : SANTANDER
Mpio. : RIONEGRO

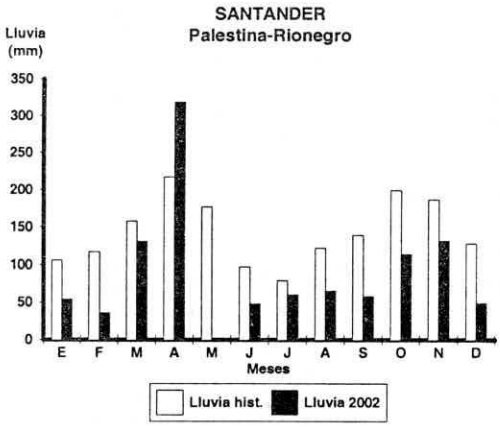
Latitud : 7 ° 16 ' N
Longitud : 73 ° 9 ' W
Altitud : 700 m

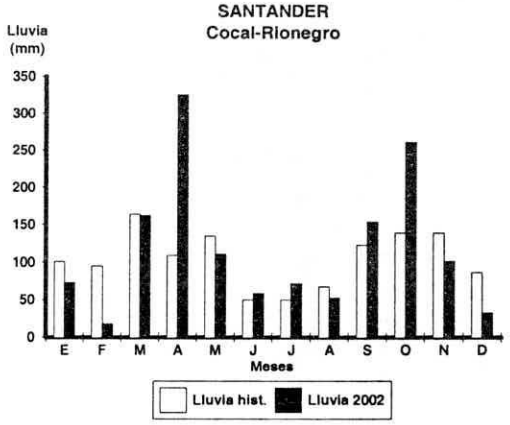
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	0.0	16.0	0.0
2	0.0	0.0	0.0	4.0	7.0	10.0	0.0	10.0	0.0	0.0	5.0	0.0
3	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
6	0.0	0.0	0.0	10.0	0.0	0.0	50.0	0.0	0.0	0.0	15.0	10.0
7	0.0	0.0	0.0	15.0	0.0	20.0	0.0	0.0	0.0	30.0	10.0	0.0
8	3.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	3.0
9	3.0	0.0	30.0	0.0	8.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
11	0.0	0.0	7.0	0.0	0.0	0.0	0.0	8.0	5.0	0.0	0.0	0.0
12	35.0	0.0	0.0	65.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
13	0.0	0.0	6.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	27.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	5.0	11.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
17	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	20.0	0.0	8.0	10.0
18	0.0	0.0	0.0	25.0	0.0	5.0	0.0	0.0	5.0	0.0	6.0	0.0
19	0.0	0.0	6.0	6.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
20	0.0	0.0	3.0	6.0	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	30.0	0.0	6.0	0.0	0.0	15.0	0.0	0.0
22	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	3.0	20.0	0.0	0.0
23	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
24	0.0	0.0	0.0	0.0	27.0	8.0	0.0	0.0	0.0	6.0	4.0	8.0
25	0.0	0.0	30.0	0.0	23.0	0.0	6.0	0.0	0.0	0.0	0.0	2.0
26	0.0	0.0	7.0	30.0	0.0	0.0	10.0	0.0	36.0	80.0	0.0	0.0
27	0.0	3.0	0.0	15.0	6.0	0.0	0.0	0.0	4.0	100.0	0.0	0.0
28	12.0	0.0	35.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	3.0	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		20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	20.0		0.0		0.0		0.0	0.0		0.0		0.0
Total	73.0	18.0	162.0	325.0	111.0	59.0	72.0	53.0	154.0	261.0	102.0	33.0
Días LI.	5	2	12	18	7	5	4	5	9	7	12	5

Anual 1423.0


RISARALDA
La Renta-Pereira
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 2002


SANTANDER
El Silencio-Rionegro
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


SANTANDER
Palestina-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 2002


SANTANDER
Cocal-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 2002

Estación : LOS COCOS Dpto. : SANTANDER Latitud : 7 ° 14 ' N
Año : 2002 Mpio. : RIONEGRO Longitud : 73 ° 7 ' W
Altitud : 1300 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	31.0	0.0	15.0	0.0
3	0.0	13.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	12.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	12.0	0.0	14.0	30.0	0.0	0.0	0.0	9.0	0.0
6	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	6.0	6.0
7	0.0	1.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	36.0	16.0	7.0
8	7.0	0.0	0.0	15.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	1.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0
11	0.0	0.0	5.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	15.0
13	0.0	0.0	9.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0
14	0.0	0.0	17.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0	3.0	0.0	0.0
16	0.0	0.0	25.0	24.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
17	0.0	0.0	3.0	10.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	3.0
18	0.0	0.0	0.0	27.0	0.0	15.0	0.0	0.0	5.0	0.0	10.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	11.0
20	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	11.0	0.0	10.0	0.0	0.0	0.0	13.0	10.0	0.0	0.0
22	5.0	0.0	2.0	0.0	45.0	0.0	0.0	7.0	0.0	23.0	0.0	0.0
23	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0
24	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
25	0.0	0.0	0.0	0.0	35.0	12.0	0.0	7.0	0.0	0.0	0.0	8.0
26	0.0	0.0	11.0	0.0	0.0	0.0	0.0	3.0	32.0	4.0	0.0	0.0
27	0.0	12.0	12.0	22.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
28	0.0	0.0	5.0	0.0	14.0	0.0	0.0	28.0	0.0	29.0	0.0	0.0
29	12.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
30	0.0		20.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
Total	56.0	38.0	122.0	332.0	158.0	66.0	45.0	48.0	116.0	161.0	109.0	50.0
Días LI.	4	4	12	16	8	5	3	5	7	10	8	6

Anual 1301.0

Estación : CEYLAN Dpto. : SANTANDER Latitud : 7 ° 11 ' N
Año : 2002 Mpio. : BUCARAMANGA Longitud : 73 ° 7 ' W
Altitud : 1300 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
2	0.0	12.0	0.0	0.0	3.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	2.0	0.0	21.0	0.0	2.0	0.0	0.0	0.0	0.0	15.0	4.0
4	0.0	0.0	2.0	0.0	0.0	8.0	51.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	12.0	0.0	0.0	11.0	0.0	0.0	0.0	2.0	0.0	0.0
6	0.0	0.0	1.0	16.0	0.0	0.0	3.0	0.0	0.0	0.0	12.0	18.0
7	6.0	0.0	0.0	6.0	0.0	3.0	0.0	1.0	0.0	57.0	10.0	13.0
8	0.0	6.0	0.0	5.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
10	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0
12	0.0	0.0	7.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
13	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0
14	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	2.0	7.0	1.0	3.0
15	0.0	0.0	28.0	0.0	0.0	0.0	4.0	3.0	0.0	0.0	0.0	0.0
16	0.0	0.0	25.0	14.0	2.0	11.0	0.0	0.0	22.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	13.0	4.0	0.0	0.0	0.0	0.0	7.0	0.0	6.0	0.0
19	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0
20	0.0	0.0	12.0	5.0	16.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
21	11.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	12.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	21.0	5.0	0.0	0.0	0.0	11.0	0.0	0.0
24	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	40.0	16.0	0.0	0.0	0.0	0.0	3.0	39.0	12.0	4.0	0.0
26	0.0	0.0	0.0	20.0	22.0	0.0	0.0	0.0	0.0	5.0	8.0	0.0
27	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	13.0	0.0
28	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	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	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		3.0	0.0		16.0		0.0
Total	38.0	60.0	136.0	167.0	118.0	75.0	61.0	31.0	79.0	136.0	96.0	38.0
Días LI.	3	4	11	13	8	8	4	5	6	11	12	4

Anual 1035.0

Estación : MIPORAL
Año : 2002

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	0.0	9.0	0.0	12.0	5.0	11.0	0.0	5.0	0.0
2	0.0	0.0	0.0	4.0	0.0	0.0	18.0	0.0	9.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	9.0	50.0	0.0	0.0	5.0	4.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	6.0	0.0	0.0	0.0
5	0.0	0.0	4.0	20.0	5.0	0.0	0.0	7.0	0.0	7.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	9.0	0.0
7	0.0	0.0	0.0	5.0	0.0	5.0	0.0	0.0	0.0	0.0	11.0	0.0
8	21.0	21.0	0.0	15.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
9	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
10	0.0	3.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	7.0	0.0	0.0
11	3.0	0.0	0.0	30.0	0.0	6.0	0.0	0.0	0.0	10.0	0.0	0.0
12	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0
14	0.0	0.0	15.0	20.0	0.0	30.0	9.0	0.0	8.0	0.0	4.0	0.0
15	0.0	0.0	0.0	0.0	7.0	35.0	0.0	0.0	10.0	4.0	8.0	0.0
16	0.0	0.0	20.0	6.0	8.0	0.0	0.0	3.0	0.0	3.0	11.0	0.0
17	0.0	0.0	23.0	6.0	0.0	6.0	7.0	0.0	0.0	8.0	1.0	0.0
18	0.0	0.0	14.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
19	20.0	20.0	0.0	20.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	10.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	5.0	0.0	11.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
22	0.0	0.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	20.0	3.0	0.0
23	0.0	0.0	0.0	6.0	14.0	0.0	0.0	0.0	0.0	10.0	12.0	0.0
24	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	10.0	0.0
25	0.0	0.0	0.0	0.0	9.0	8.0	0.0	4.0	0.0	8.0	0.0	0.0
26	5.0	15.0	0.0	0.0	14.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	9.0	5.0	19.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	15.0	5.0	0.0	0.0	0.0	11.0	6.0	0.0
29	0.0		30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
Total	49.0	59.0	133.0	142.0	126.0	130.0	113.0	34.0	50.0	119.0	96.0	0.0
Días LI.	4	4	10	12	12	11	8	7	6	14	13	0

Anual 1051.0

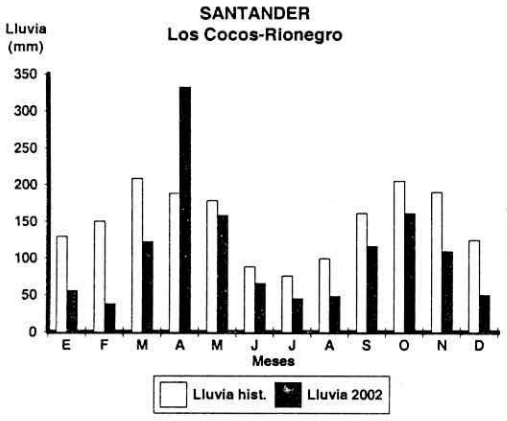
Estación : BONANZA
Año : 2002

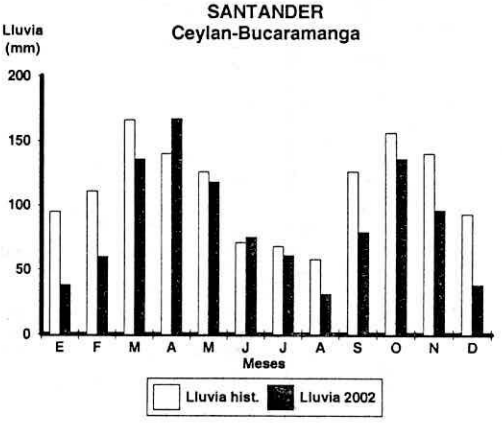
Dpto. : SANTANDER
Mpio. : GIRON

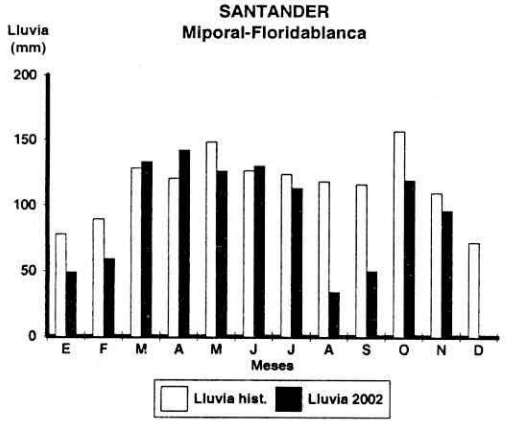
Latitud : 7 ° 5 'N
Longitud : 73 ° 17 'W
Altitud : 1250 m

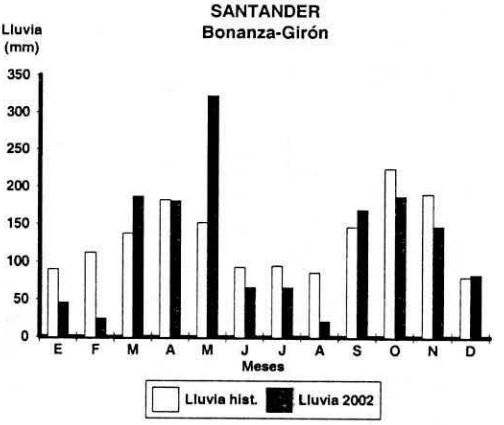
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0	0.0	0.0	4.0	1.0	0.0	9.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	34.0	0.0	20.0	42.0	0.0	0.0	0.0	4.0	0.0
5	0.0	0.0	0.0	0.0	26.0	4.0	0.0	2.0	0.0	0.0	24.0	0.0
6	0.0	5.0	0.0	12.0	6.0	0.0	0.0	0.0	0.0	71.0	43.0	0.0
7	14.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	34.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	24.0	0.0	0.0	10.0	0.0	0.0	7.0	0.0	0.0
10	0.0	0.0	75.0	10.0	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	66.0	0.0	22.0	0.0
12	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0
13	0.0	0.0	35.0	0.0	0.0	2.0	0.0	0.0	19.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	15.0	0.0	1.0	0.0	0.0	0.0	18.0
15	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	15.0
16	0.0	0.0	0.0	6.0	6.0	0.0	7.0	0.0	0.0	0.0	12.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
18	0.0	0.0	6.0	12.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	6.0
19	0.0	0.0	0.0	10.0	123.0	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	1.0	10.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	10.0	0.0
22	0.0	0.0	0.0	0.0	35.0	0.0	0.0	13.0	16.0	0.0	13.0	0.0
23	25.0	0.0	0.0	0.0	56.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0
24	0.0	0.0	0.0	24.0	23.0	0.0	0.0	5.0	19.0	5.0	0.0	0.0
25	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	9.0	45.0	0.0	0.0
26	7.0	20.0	8.0	0.0	26.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
27	0.0	0.0	13.0	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	5.0	15.0	0.0	0.0	0.0	10.0	22.0	0.0	0.0
29	0.0		0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	44.0	0.0	0.0	6.0	0.0	0.0	15.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		4.0		0.0
Total	46.0	25.0	187.0	181.0	322.0	66.0	66.0	21.0	169.0	187.0	147.0	83.0
Días LI.	3	2	7	10	11	9	5	4	9	9	10	5

Anual 1500.0


SANTANDER
Los Cocos-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 2002


SANTANDER
Ceylan-Bucaramanga
Lluvia (mm)
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


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 2002


SANTANDER
Bonanza-Girón
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 2002

Estación : CASA DE TEJA
Año : 2002

Dpto. : SANTANDER
Mpio. : SAN VICENTE DE CH.

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	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0		0.0	2.0	0.0	
2	0.0	10.0	0.0	4.0	20.0	20.0	0.0	0.0		0.0	2.0	0.0	
3	0.0	15.0	15.0	0.0	0.0	10.0	0.0	5.0		0.0	0.0	0.0	
4	1.0	0.0	0.0	0.0	3.0	0.0	18.0	0.0		0.0	2.0	0.0	
5	0.0	0.0	2.0	19.0	0.0	13.0	0.0	0.0		0.0	0.0	0.0	
6	0.0	0.0	0.0	15.0	0.0	34.0	0.0	0.0		40.0	32.0	0.0	
7	0.0	0.0	0.0	5.0	5.0	7.0	0.0	0.0		0.0	0.0	22.0	
8	0.0	0.0	0.0	0.0	2.0	0.0	2.0	0.0		2.0	2.0	0.0	
9	25.0	0.0	3.0	0.0	0.0	0.0	20.0	3.0		41.0	0.0	0.0	
10	0.0	0.0	0.0	55.0	14.0	0.0	0.0	0.0		0.0	0.0	0.0	
11	0.0	0.0	8.0	26.0	0.0	0.0	0.0	27.0		0.0	20.0	0.0	
12	0.0	0.0	0.0	34.0	0.0	0.0	4.0	0.0		0.0	3.0	0.0	
13	0.0	0.0	0.0	12.0	0.0	2.0	9.0	0.0		13.0	0.0	7.0	
14	7.0	0.0	60.0	0.0	0.0	6.0	2.0	0.0		2.0	0.0	10.0	
15	0.0	0.0	0.0	0.0	5.0	4.0	0.0	0.0		20.0	0.0	16.0	
16	0.0	0.0	0.0	0.0	0.0	6.0	2.0	0.0		0.0	5.0	26.0	
17	0.0	0.0	0.0	10.0	32.0	3.0	2.0	0.0		0.0	0.0	0.0	
18	0.0	80.0	0.0	26.0	10.0	2.0	0.0	0.0		0.0	0.0	0.0	
19	12.0	0.0	22.0	20.0	5.0	5.0	0.0	0.0		93.0	0.0	8.0	
20	2.0	0.0	8.0	8.0	58.0	0.0	0.0	0.0		2.0	32.0	0.0	
21	0.0	0.0	7.0	0.0	2.0	5.0	3.0	0.0		12.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	38.0	0.0	0.0	30.0		0.0	0.0	3.0	
23	0.0	0.0	0.0	15.0	59.0	0.0	0.0	0.0		2.0	0.0	0.0	
24	0.0	0.0	0.0	12.0	59.0	4.0	0.0	50.0		0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	18.0	0.0	0.0	5.0		0.0	0.0	0.0	
26	0.0	70.0	35.0	18.0	35.0	0.0	2.0	0.0		19.0	0.0	0.0	
27	0.0	15.0	72.0	20.0	80.0	35.0	0.0	4.0		1.0	0.0	0.0	
28	0.0	0.0	84.0	0.0	78.0	0.0	0.0	0.0		33.0	0.0	0.0	
29	0.0		0.0	0.0	10.0	3.0	0.0	15.0		28.0	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	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	47.0	190.0	316.0	299.0	533.0	168.0	64.0	139.0		308.0	100.0	92.0	Anual
Días LI.	5	5	11	16	19	18	10	8		14	9	7	

Estación : SANTA RITA
Año : 2002

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	0.0	0.0	0.0	10.0	0.0	0.0	1.0	0.0	0.0	10.0	0.0	
2	0.0	5.0	0.0	3.0	2.0	0.0	0.0	0.0	7.0	0.0	5.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	32.0	20.0	0.0	10.0	0.0	4.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	14.0	0.0	2.0	16.0	10.0	2.0	0.0	
5	0.0	0.0	10.0	7.0	0.0	0.0	2.0	0.0	0.0	9.0	2.0	0.0	
6	0.0	0.0	0.0	10.0	3.0	3.0	0.0	0.0	9.0	4.0	5.0	0.0	
7	5.0	0.0	0.0	7.0	0.0	22.0	1.0	25.0	0.0	0.0	2.0	0.0	
8	0.0	0.0	0.0	20.0	5.0	4.0	0.0	7.0	2.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	10.0	12.0	0.0	0.0	0.0	31.0	2.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	9.0	5.0	0.0	0.0	
11	0.0	0.0	0.0	9.0	0.0	0.0	35.0	7.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	10.0	1.0	20.0	3.0	10.0	0.0	7.0	0.0	0.0	0.0	
13	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	3.0	
14	0.0	0.0	3.0	0.0	0.0	0.0	3.0	40.0	0.0	0.0	4.0	9.0	
15	0.0	0.0	0.0	25.0	0.0	2.0	4.0	0.0	0.0	0.0	0.0	3.0	
16	0.0	15.0	32.0	10.0	5.0	32.0	0.0	0.0	18.0	0.0	2.0	0.0	
17	0.0	0.0	0.0	12.0	13.0	0.0	5.0	0.0	20.0	2.0	11.0	9.0	
18	0.0	0.0	15.0	0.0	0.0	5.0	7.0	0.0	0.0	0.0	12.0	0.0	
19	0.0	0.0	0.0	0.0	2.0	8.0	12.0	10.0	0.0	21.0	4.0	0.0	
20	0.0	0.0	15.0	0.0	0.0	12.0	0.0	0.0	5.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	8.0	36.0	0.0	4.0	0.0	18.0	0.0	0.0	
22	12.0	1.0	10.0	0.0	28.0	8.0	7.0	0.0	0.0	0.0	12.0	0.0	
23	0.0	0.0	7.0	10.0	12.0	0.0	0.0	5.0	4.0	14.0	0.0	0.0	
24	0.0	0.0	11.0	8.0	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	32.0	0.0	7.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	4.0	10.0	0.0	0.0	9.0	3.0	0.0	20.0	0.0	0.0	
27	2.0	0.0	0.0	0.0	25.0	8.0	1.0	0.0	0.0	10.0	14.0	0.0	
28	0.0	0.0	0.0	0.0	5.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	
29	0.0		3.0	0.0	5.0	0.0	7.0	0.0	19.0	6.0	0.0	0.0	
30	15.0		0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		7.0		0.0	6.0		0.0		0.0	
Total	34.0	21.0	125.0	132.0	160.0	233.0	125.0	142.0	126.0	150.0	107.0	24.0	Anual 1379.0
Días LI.	4	3	12	13	16	16	15	14	12	12	16	4	

Estación : CUCHICUTE
Año : 2002

Dpto. : SANTANDER
Mpio. : CURITI

Latitud : 6 ° 34 ' N
Longitud : 73 ° 4 ' W
Altitud : 1600 m

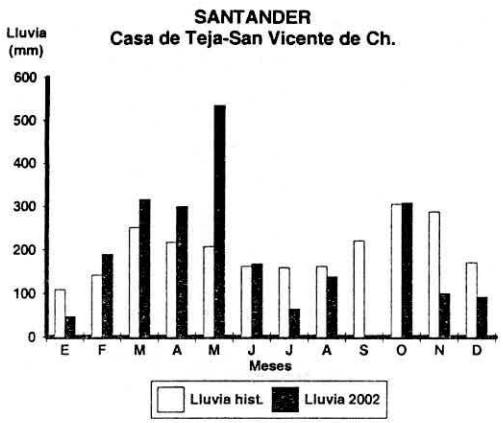
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	1.0	0.0	0.0	4.0	0.0	1.0	1.0	0.0	0.0	
2	0.0	0.0	7.0	0.0	2.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	1.0	0.0	0.0	0.0	10.0	6.0	15.0	0.0	0.0	2.0	0.0	
4	0.0	0.0	0.0	2.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	1.0	4.0	3.0	0.0	3.0	9.0	10.0	0.0	
6	0.0	0.0	8.0	0.0	0.0	8.0	0.0	0.0	2.0	0.0	4.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	3.0	0.0	10.0	0.0	0.0	3.0	0.0	
8	0.0	12.0	0.0	0.0	1.0	20.0	0.0	4.0	0.0	0.0	7.0	0.0	
9	0.0	0.0	0.0	1.0	30.0	5.0	0.0	0.0	0.0	35.0	1.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	11.0	0.0	12.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	14.0	8.0	0.0	3.0	0.0	0.0	9.0	0.0	
13	0.0	0.0	0.0	0.0	11.0	22.0	0.0	0.0	15.0	0.0	4.0	2.0	
14	0.0	0.0	0.0	0.0	0.0	9.0	37.0	10.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	15.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	16.0	39.0	0.0	6.0	0.0	9.0	0.0	4.0	12.0	0.0	
17	0.0	4.0	0.0	12.0	30.0	0.0	0.0	3.0	44.0	0.0	0.0	25.0	
18	0.0	0.0	7.0	10.0	0.0	0.0	0.0	0.0	46.0	0.0	2.0	0.0	
19	0.0	0.0	0.0	25.0	0.0	12.0	4.0	2.0	0.0	12.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	7.0	0.0	
21	0.0	0.0	3.0	0.0	8.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
22	18.0	0.0	0.0	0.0	0.0	22.0	0.0	18.0	0.0	18.0	0.0	0.0	
23	0.0	0.0	4.0	12.0	4.0	3.0	0.0	0.0	0.0	0.0	18.0	0.0	
24	0.0	0.0	18.0	30.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	6.0	20.0	0.0	2.0	3.0	12.0	0.0	0.0	
26	0.0	0.0	10.0	0.0	0.0	11.0	20.0	0.0	39.0	11.0	4.0	0.0	
27	2.0	0.0	5.0	0.0	14.0	0.0	0.0	8.0	4.0	0.0	3.0	0.0	
28	0.0	0.0	0.0	0.0	2.0	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	5.0	0.0	6.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		11.0	2.0		0.0		0.0	
Total	20.0	17.0	99.0	132.0	123.0	209.0	85.0	107.0	172.0	123.0	86.0	27.0	Anual 1200.0
Días Ll.	2	3	11	9	12	20	7	15	10	10	14	2	

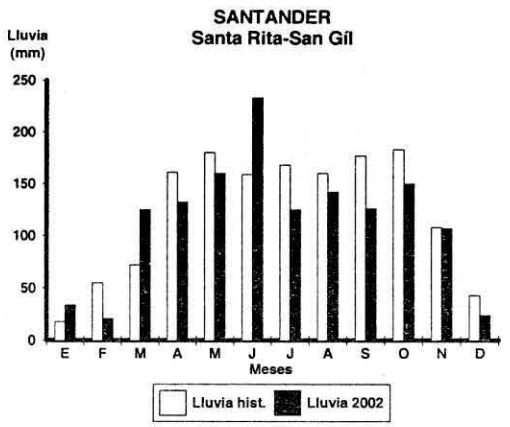
Estación : CHOCHOS
Año : 2002

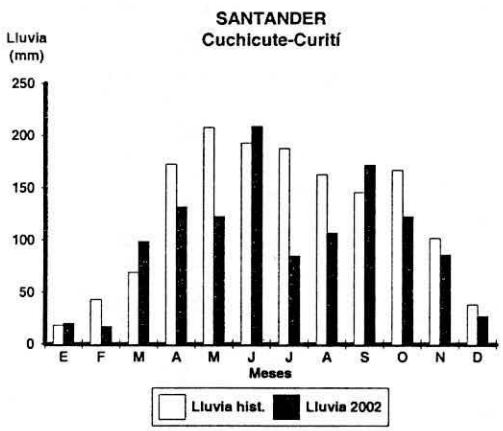
Dpto. : SANTANDER
Mpio. : HATO

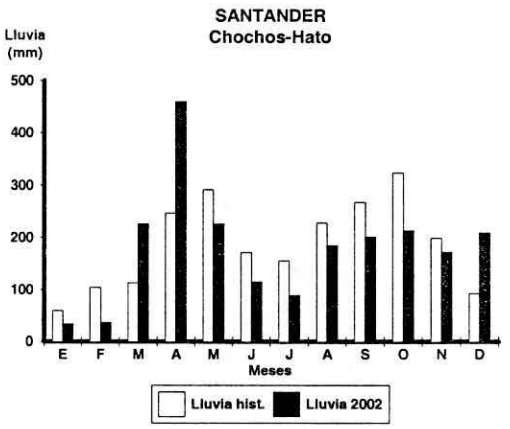
Latitud : 6 ° 33 ' N
Longitud : 73 ° 19 ' W
Altitud : 1400 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	16.0	34.0	0.0	0.0	1.0	0.0	0.0	7.0	0.0	
2	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
3	0.0	2.0	0.0	34.0	1.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	
4	0.0	0.0	6.0	18.0	0.0	2.0	0.0	0.0	0.0	0.0	10.0	2.0	
5	0.0	0.0	0.0	5.0	0.0	2.0	46.0	13.0	0.0	0.0	72.0	0.0	
6	0.0	0.0	25.0	18.0	0.0	9.0	0.0	0.0	0.0	6.0	1.0	0.0	
7	0.0	0.0	0.0	19.0	7.0	0.0	0.0	2.0	9.0	26.0	13.0	0.0	
8	0.0	21.0	0.0	23.0	0.0	2.0	0.0	12.0	5.0	0.0	15.0	0.0	
9	0.0	0.0	3.0	11.0	52.0	4.0	0.0	5.0	14.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	4.0	24.0	0.0	0.0	26.0	23.0	0.0	0.0	
11	0.0	0.0	0.0	3.0	0.0	1.0	0.0	0.0	0.0	5.0	0.0	0.0	
12	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
13	0.0	0.0	36.0	7.0	0.0	0.0	9.0	0.0	36.0	0.0	12.0	0.0	
14	0.0	0.0	3.0	0.0	0.0	0.0	28.0	0.0	0.0	5.0	0.0	22.0	
15	0.0	0.0	0.0	11.0	4.0	0.0	0.0	29.0	0.0	10.0	0.0	17.0	
16	0.0	0.0	17.0	47.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	
17	0.0	0.0	10.0	56.0	7.0	23.0	0.0	0.0	2.0	0.0	2.0	0.0	
18	0.0	0.0	0.0	0.0	17.0	1.0	0.0	3.0	18.0	19.0	3.0	88.0	
19	0.0	0.0	6.0	11.0	0.0	0.0	0.0	0.0	6.0	0.0	2.0	1.0	
20	0.0	0.0	4.0	68.0	10.0	2.0	0.0	22.0	0.0	16.0	0.0	43.0	
21	2.0	0.0	10.0	0.0	0.0	11.0	0.0	0.0	25.0	1.0	0.0	0.0	
22	0.0	0.0	33.0	0.0	1.0	1.0	0.0	55.0	1.0	13.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	
24	0.0	0.0	13.0	0.0	0.0	0.0	1.0	18.0	0.0	28.0	0.0	0.0	
25	0.0	0.0	13.0	55.0	20.0	0.0	0.0	1.0	6.0	2.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	33.0	0.0	2.0	4.0	0.0	0.0	0.0	
27	0.0	0.0	27.0	11.0	5.0	0.0	3.0	3.0	6.0	29.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	2.0	27.0	0.0	36.0	
29	0.0		12.0	14.0	45.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	32.0	8.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	
31	32.0		0.0		1.0		0.0	6.0		3.0		0.0	
Total	34.0	37.0	226.0	459.0	226.0	115.0	89.0	185.0	201.0	213.0	172.0	209.0	Anual 2166.0
Días Ll.	2	3	16	19	16	13	6	17	18	15	12	7	


SANTANDER
Casa de Teja-San Vicente de Ch.
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 2002


SANTANDER
Santa Rita-San Gil
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


SANTANDER
Cuchicute-Curití
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


SANTANDER
Chochos-Hato
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : LA LAGUNA
Año : 2002

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	0.0	0.0	0.0	0.0	8.0	0.0	3.0	0.0	0.0	10.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	15.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	50.0	0.0	20.0	5.0	0.0	5.0	0.0	
4	0.0	0.0	0.0	3.0	0.0	15.0	30.0	12.0	15.0	0.0	6.0	0.0	
5	0.0	0.0	20.0	15.0	0.0	0.0	15.0	0.0	25.0	12.0	3.0	0.0	
6	0.0	0.0	0.0	12.0	0.0	0.0	0.0	5.0	28.0	0.0	12.0	0.0	
7	0.0	0.0	0.0	10.0	3.0	30.0	0.0	25.0	10.0	5.0	0.0	0.0	
8	0.0	0.0	0.0	20.0	10.0	3.0	0.0	0.0	5.0	3.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	10.0	12.0	0.0	0.0	3.0	26.0	0.0	0.0	
10	5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	15.0	0.0	0.0	
11	0.0	0.0	15.0	5.0	0.0	5.0	0.0	0.0	0.0	8.0	5.0	0.0	
12	0.0	0.0	12.0	0.0	10.0	0.0	30.0	0.0	0.0	0.0	25.0	0.0	
13	0.0	0.0	0.0	4.0	0.0	0.0	8.0	15.0	10.0	0.0	8.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	5.0	5.0	40.0	0.0	0.0	0.0	8.0	
15	0.0	0.0	0.0	0.0	0.0	10.0	6.0	0.0	0.0	0.0	0.0	2.0	
16	0.0	0.0	38.0	25.0	12.0	12.0	0.0	0.0	0.0	0.0	10.0	10.0	
17	0.0	16.0	0.0	20.0	0.0	10.0	10.0	0.0	25.0	0.0	12.0	0.0	
18	0.0	0.0	30.0	18.0	10.0	0.0	6.0	0.0	0.0	0.0	3.0	0.0	
19	0.0	0.0	2.0	10.0	0.0	12.0	0.0	10.0	0.0	28.0	0.0	0.0	
20	0.0	0.0	25.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	10.0	0.0	8.0	30.0	0.0	3.0	0.0	22.0	0.0	0.0	
22	5.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	6.0	5.0	15.0	5.0	0.0	3.0	0.0	15.0	6.0	0.0	
24	0.0	0.0	0.0	12.0	30.0	10.0	0.0	5.0	18.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	3.0	38.0	5.0	15.0	10.0	0.0	0.0	0.0	
26	0.0	0.0	12.0	30.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	
27	10.0	0.0	6.0	0.0	45.0	10.0	0.0	18.0	12.0	20.0	12.0	0.0	
28	0.0	0.0	2.0	0.0	10.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	5.0	0.0	0.0	3.0	28.0	15.0	0.0	0.0	
30	0.0		0.0	42.0	6.0	0.0	0.0	15.0	0.0	5.0	0.0	0.0	
31	0.0		0.0		10.0		0.0	10.0		0.0		0.0	
Total	20.0	16.0	178.0	231.0	197.0	297.0	125.0	219.0	204.0	184.0	132.0	20.0	Anual 1823.0
Días Ll.	3	1	12	15	16	20	10	18	14	13	14	3	

Estación : LAS FLORES
Año : 2002

Dpto. : SANTANDER
Mpio. : PINCHOTE

Latitud : 6 ° 29 ' N
Longitud : 73 ° 11 ' W
Altitud : 1700 m

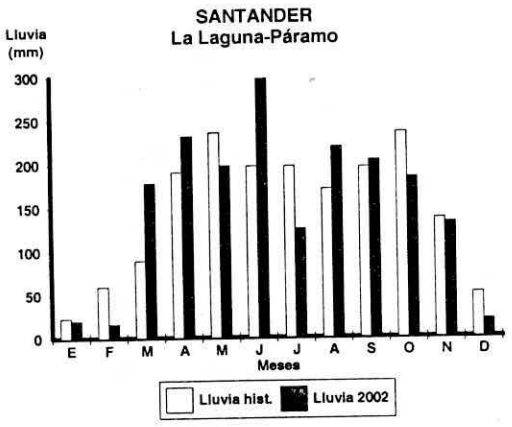
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	41.0	2.0	0.0	6.0	2.0	0.0	2.0	0.0	
2	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
3	0.0	2.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	52.0	0.0	12.0	0.0	0.0	12.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	18.0	18.0	0.0	4.0	3.0	21.0	0.0	
6	0.0	0.0	0.0	20.0	0.0	8.0	8.0	0.0	10.0	40.0	2.0	0.0	
7	0.0	0.0	0.0	21.0	0.0	2.0	0.0	0.0	5.0	2.0	3.0	0.0	
8	0.0	0.0	0.0	12.0	0.0	6.0	0.0	18.0	3.0	0.0	2.0	0.0	
9	0.0	0.0	2.0	15.0	11.0	2.0	0.0	0.0	1.0	2.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	7.0	11.0	0.0	0.0	3.0	40.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.0	0.0	0.0	0.0	
12	7.0	0.0	25.0	6.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	
13	1.0	0.0	14.0	0.0	0.0	0.0	12.0	0.0	1.0	0.0	20.0	0.0	
14	0.0	0.0	6.0	0.0	6.0	2.0	18.0	20.0	1.0	0.0	0.0	6.0	
15	0.0	0.0	0.0	0.0	0.0	1.0	2.0	73.0	0.0	0.0	0.0	2.0	
16	0.0	0.0	1.0	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	2.0	
17	0.0	0.0	43.0	25.0	12.0	20.0	0.0	0.0	0.0	0.0	2.0	6.0	
18	0.0	10.0	11.0	6.0	21.0	2.0	0.0	3.0	35.0	2.0	20.0	0.0	
19	0.0	0.0	35.0	26.0	0.0	1.0	0.0	0.0	18.0	0.0	0.0	0.0	
20	0.0	0.0	2.0	0.0	0.0	0.0	6.0	15.0	0.0	10.0	0.0	0.0	
21	1.0	0.0	18.0	0.0	1.0	2.0	0.0	0.0	0.0	1.0	0.0	0.0	
22	0.0	0.0	11.0	0.0	22.0	16.0	0.0	2.0	0.0	25.0	2.0	0.0	
23	18.0	6.0	12.0	0.0	9.0	5.0	3.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	30.0	5.0	20.0	0.0	2.0	10.0	0.0	12.0	0.0	0.0	
25	0.0	0.0	0.0	3.0	20.0	6.0	0.0	0.0	17.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	40.0	0.0	5.0	5.0	0.0	0.0	0.0	
27	0.0	0.0	6.0	10.0	0.0	0.0	6.0	2.0	11.0	21.0	0.0	0.0	
28	0.0	0.0	6.0	0.0	37.0	11.0	4.0	15.0	21.0	20.0	13.0	0.0	
29	0.0		0.0	5.0	13.0	0.0	0.0	5.0	1.0	0.0	0.0	0.0	
30	0.0		0.0	1.0	5.0	0.0	3.0	0.0	2.0	0.0	0.0	0.0	
31	36.0		2.0		0.0		0.0	8.0		0.0		0.0	
Total	63.0	18.0	224.0	155.0	231.0	210.0	86.0	194.0	143.0	178.0	113.0	16.0	Anual 1631.0
Días Ll.	5	3	16	13	16	21	13	14	19	12	13	4	

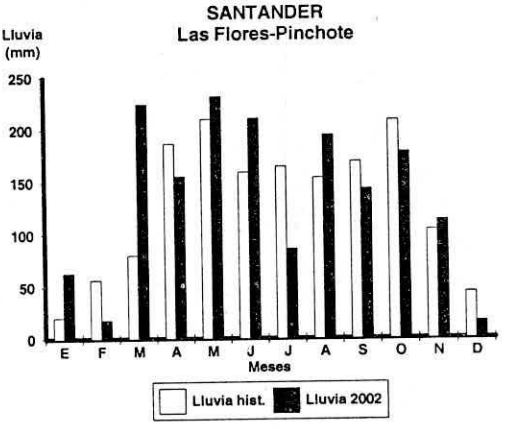
Estación : LA PLAZUELA Dpto. : SANTANDER Latitud : 6° 28 'N
Año : 2002 Mpio. : SOCORRO Longitud : 73° 13 'W
Altitud : 1700 m

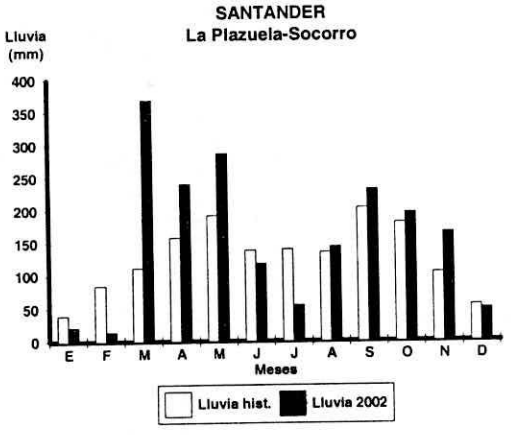
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	1.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	1.0	0.0	0.0	6.0	0.0	3.0	0.0	1.0	0.0	25.0	0.0	
4	0.0	2.0	0.0	0.0	0.0	35.0	0.0	0.0	1.0	0.0	30.0	13.0	
5	0.0	1.0	0.0	0.0	0.0	5.0	15.0	0.0	0.0	0.0	35.0	0.0	
6	0.0	0.0	0.0	36.0	0.0	16.0	5.0	0.0	10.0	15.0	3.0	0.0	
7	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	1.0	0.0	0.0	
8	0.0	2.0	0.0	15.0	0.0	0.0	0.0	20.0	0.0	0.0	30.0	0.0	
9	0.0	0.0	2.0	10.0	10.0	10.0	0.0	0.0	1.0	3.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	20.0	11.0	0.0	0.0	5.0	35.0	0.0	0.0	
11	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	
12	0.0	0.0	135.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	10.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
14	0.0	0.0	0.0	1.0	0.0	0.0	10.0	0.0	0.0	0.0	3.0	10.0	
15	0.0	0.0	1.0	2.0	0.0	0.0	0.0	32.0	3.0	0.0	0.0	3.0	
16	0.0	0.0	1.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
17	0.0	3.0	20.0	60.0	10.0	10.0	0.0	10.0	0.0	0.0	10.0	10.0	
18	0.0	0.0	3.0	0.0	30.0	0.0	2.0	5.0	85.0	10.0	2.0	3.0	
19	0.0	0.0	10.0	20.0	0.0	3.0	0.0	0.0	10.0	0.0	0.0	0.0	
20	0.0	0.0	10.0	0.0	0.0	0.0	3.0	5.0	0.0	10.0	0.0	0.0	
21	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	5.0	1.0	0.0	0.0	
22	0.0	0.0	23.0	0.0	10.0	2.0	4.0	3.0	0.0	25.0	0.0	0.0	
23	0.0	4.0	25.0	0.0	12.0	10.0	0.0	0.0	0.0	0.0	3.0	0.0	
24	0.0	0.0	35.0	25.0	3.0	5.0	0.0	30.0	20.0	30.0	0.0	0.0	
25	0.0	0.0	10.0	10.0	40.0	10.0	0.0	2.0	20.0	10.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	30.0	20.0	0.0	0.0	
27	0.0	0.0	40.0	10.0	0.0	0.0	2.0	1.0	10.0	10.0	0.0	0.0	
28	0.0	0.0	10.0	0.0	80.0	0.0	10.0	10.0	10.0	0.0	4.0	0.0	
29	1.0		1.0	10.0	20.0	0.0	0.0	15.0	0.0	10.0	0.0	0.0	
30	0.0		0.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	20.0		0.0		0.0		0.0	5.0		0.0		0.0	
Total	21.0	14.0	368.0	239.0	286.0	117.0	54.0	143.0	231.0	195.0	165.0	49.0	Anual 1882.0
Días LI.	2	7	17	17	14	11	9	13	15	14	11	6	

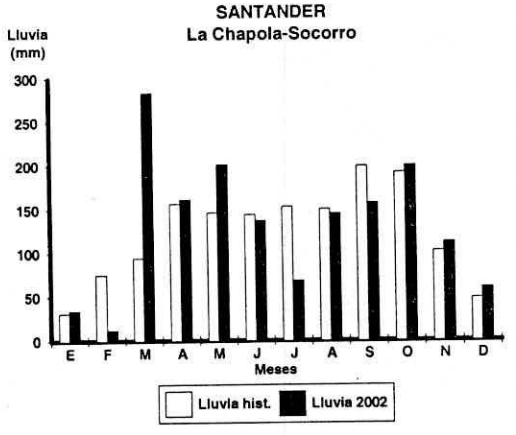
Estación : LA CHAPOLA Dpto. : SANTANDER Latitud : 6° 28 'N
Año : 2002 Mpio. : SOCORRO Longitud : 73° 12 'W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	14.0	2.0	0.0	0.0	1.0	0.0	1.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0	0.0	
3	0.0	2.0	0.0	0.0	5.0	0.0	2.0	0.0	1.0	0.0	18.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	2.0	0.0	8.0	22.0	
5	0.0	0.0	0.0	0.0	0.0	11.0	12.0	0.0	0.0	0.0	33.0	0.0	
6	0.0	0.0	0.0	7.0	0.0	7.0	7.0	0.0	10.0	30.0	0.0	0.0	
7	0.0	0.0	0.0	20.0	2.0	0.0	0.0	0.0	7.0	1.0	7.0	0.0	
8	0.0	1.0	0.0	11.0	0.0	6.0	0.0	16.0	4.0	0.0	6.0	0.0	
9	0.0	0.0	0.0	7.0	10.0	4.0	0.0	0.0	0.0	1.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	19.0	11.0	0.0	0.0	7.0	40.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	6.0	0.0	0.0	
12	0.0	0.0	110.0	0.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	9.0	3.0	0.0	0.0	0.0	0.0	1.0	0.0	12.0	0.0	
14	0.0	0.0	3.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	3.0	8.0	
15	0.0	0.0	0.0	5.0	0.0	0.0	1.0	36.0	6.0	2.0	0.0	2.0	
16	0.0	0.0	11.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	8.0	8.0	
17	0.0	3.0	13.0	40.0	7.0	7.0	0.0	16.0	0.0	0.0	8.0	6.0	
18	0.0	2.0	2.0	5.0	20.0	2.0	0.0	2.0	40.0	5.0	0.0	11.0	
19	0.0	0.0	32.0	0.0	0.0	3.0	0.0	0.0	10.0	0.0	0.0	0.0	
20	0.0	0.0	3.0	0.0	0.0	0.0	3.0	13.0	0.0	10.0	0.0	0.0	
21	0.0	0.0	14.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	0.0	
22	0.0	0.0	12.0	0.0	8.0	15.0	0.0	2.0	2.0	31.0	0.0	0.0	
23	0.0	4.0	20.0	0.0	8.0	1.0	7.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	33.0	38.0	13.0	13.0	2.0	22.0	10.0	18.0	0.0	0.0	
25	0.0	0.0	1.0	7.0	26.0	0.0	0.0	0.0	20.0	0.0	0.0	3.0	
26	0.0	0.0	0.0	0.0	1.0	21.0	2.0	5.0	7.0	6.0	0.0	0.0	
27	0.0	0.0	8.0	8.0	0.0	0.0	0.0	1.0	13.0	30.0	0.0	0.0	
28	0.0	0.0	12.0	0.0	38.0	0.0	13.0	8.0	11.0	7.0	3.0	0.0	
29	0.0		0.0	0.0	20.0	0.0	0.0	18.0	0.0	10.0	0.0	0.0	
30	17.0		0.0	8.0	5.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
31	17.0		0.0		0.0		0.0	6.0		0.0		0.0	
Total	34.0	12.0	283.0	161.0	201.0	137.0	68.0	145.0	157.0	200.0	112.0	60.0	Anual 1570.0
Días LI.	2	5	15	13	16	16	11	12	18	17	12	7	


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 2002


SANTANDER
Las Flores-Pinchote
Lluvia (mm)
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


SANTANDER
La Plazuela-Socorro
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


SANTANDER
La Chapola-Socorro
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 2002

Estación : EL MESON
Año : 2002

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	0.0	0.0	0.0	38.0	7.0	0.0	2.0	2.0	4.0	1.0	0.0	
2	0.0	1.0	0.0	1.0	1.0	5.0	0.0	1.0	1.0	0.0	19.0	0.0	
3	0.0	1.0	0.0	0.0	11.0	2.0	2.0	3.0	1.0	2.0	41.0	0.0	
4	0.0	0.0	0.0	38.0	0.0	30.0	0.0	0.0	4.0	0.0	5.0	1.0	
5	0.0	0.0	2.0	0.0	0.0	11.0	13.0	2.0	12.0	2.0	22.0	0.0	
6	0.0	0.0	4.0	21.0	0.0	10.0	15.0	0.0	23.0	16.0	2.0	0.0	
7	0.0	0.0	0.0	23.0	0.0	2.0	0.0	4.0	4.0	0.0	9.0	0.0	
8	0.0	0.0	0.0	6.0	1.0	7.0	0.0	29.0	1.0	0.0	16.0	0.0	
9	0.0	0.0	0.0	7.0	13.0	10.0	0.0	0.0	2.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	25.0	9.0	0.0	1.0	3.0	48.0	4.0	0.0	
11	0.0	0.0	4.0	0.0	4.0	1.0	3.0	3.0	1.0	8.0	3.0	0.0	
12	0.0	0.0	119.0	0.0	1.0	3.0	0.0	1.0	1.0	0.0	2.0	0.0	
13	0.0	0.0	4.0	3.0	1.0	0.0	4.0	1.0	2.0	4.0	16.0	0.0	
14	0.0	0.0	1.0	2.0	1.0	1.0	8.0	3.0	1.0	0.0	36.0	2.0	
15	0.0	0.0	1.0	4.0	0.0	2.0	2.0	43.0	3.0	0.0	1.0	47.0	
16	0.0	0.0	1.0	10.0	4.0	2.0	2.0	0.0	1.0	7.0	7.0	2.0	
17	0.0	1.0	25.0	23.0	20.0	15.0	0.0	5.0	1.0	25.0	33.0	2.0	
18	0.0	1.0	0.0	7.0	26.0	2.0	1.0	0.0	20.0	2.0	1.0	2.0	
19	0.0	0.0	8.0	32.0	2.0	8.0	1.0	0.0	11.0	0.0	15.0	0.0	
20	0.0	0.0	2.0	2.0	26.0	13.0	2.0	4.0	0.0	14.0	0.0	1.0	
21	0.0	1.0	18.0	0.0	4.0	1.0	2.0	2.0	0.0	9.0	0.0	0.0	
22	2.0	1.0	10.0	0.0	16.0	20.0	1.0	3.0	2.0	1.0	0.0	0.0	
23	1.0	5.0	16.0	0.0	15.0	22.0	26.0	0.0	1.0	0.0	2.0	6.0	
24	1.0	0.0	12.0	11.0	4.0	6.0	2.0	24.0	6.0	48.0	1.0	0.0	
25	0.0	0.0	11.0	13.0	36.0	0.0	0.0	1.0	19.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	11.0	0.0	10.0	3.0	10.0	0.0	0.0	
27	0.0	0.0	7.0	15.0	1.0	0.0	12.0	1.0	13.0	13.0	0.0	0.0	
28	0.0	0.0	4.0	0.0	24.0	1.0	19.0	7.0	20.0	58.0	18.0	0.0	
29	2.0		3.0	2.0	20.0	4.0	0.0	4.0	10.0	1.0	0.0	0.0	
30	2.0		0.0	9.0	7.0	0.0	6.0	0.0	0.0	2.0	1.0	0.0	
31	46.0		0.0		1.0		1.0	4.0		0.0		0.0	
Total	54.0	11.0	252.0	229.0	302.0	205.0	122.0	158.0	168.0	274.0	255.0	63.0	Anual 2093.0
Días LI.	6	7	19	19	25	26	19	23	27	19	22	8	

Estación : LAS DELICIAS
Año : 2002

Dpto. : SANTANDER
Mpio. : PALMAS SOCORRO

Latitud : 6 ° 24 ' N
Longitud : 73 ° 16 ' W
Altitud : 1450 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	13.0	2.0	2.0	0.0	1.0	12.0	0.0	0.0	0.0	
2	0.0	3.0	0.0	14.0	0.0	0.0	0.0	1.0	0.0	2.0	9.0	0.0	
3	0.0	0.0	0.0	62.0	7.0	0.0	1.0	5.0	3.0	0.0	27.0	0.0	
4	0.0	0.0	0.0	4.0	0.0	34.0	0.0	0.0	1.0	0.0	45.0	9.0	
5	0.0	0.0	0.0	0.0	0.0	7.0	13.0	2.0	0.0	0.0	15.0	0.0	
6	0.0	0.0	0.0	10.0	0.0	11.0	6.0	0.0	3.0	20.0	4.0	0.0	
7	0.0	1.0	0.0	19.0	1.0	1.0	0.0	0.0	13.0	0.0	22.0	0.0	
8	0.0	1.0	0.0	9.0	0.0	0.0	0.0	12.0	1.0	0.0	41.0	0.0	
9	0.0	0.0	0.0	23.0	20.0	0.0	0.0	0.0	1.0	5.0	0.0	0.0	
10	0.0	0.0	0.0	2.0	32.0	34.0	0.0	8.0	28.0	16.0	0.0	0.0	
11	0.0	0.0	4.0	1.0	0.0	10.0	0.0	10.0	0.0	1.0	0.0	0.0	
12	0.0	0.0	50.0	0.0	10.0	1.0	0.0	0.0	1.0	0.0	8.0	0.0	
13	0.0	0.0	13.0	13.0	0.0	0.0	0.0	0.0	1.0	1.0	15.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	2.0	0.0	36.0	
15	0.0	0.0	2.0	12.0	1.0	0.0	0.0	21.0	1.0	4.0	0.0	13.0	
16	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
17	0.0	0.0	5.0	43.0	5.0	4.0	0.0	10.0	0.0	0.0	18.0	3.0	
18	0.0	0.0	4.0	0.0	30.0	0.0	0.0	3.0	46.0	10.0	2.0	2.0	
19	0.0	1.0	20.0	12.0	0.0	0.0	0.0	1.0	14.0	0.0	0.0	0.0	
20	0.0	0.0	5.0	0.0	0.0	8.0	0.0	4.0	0.0	35.0	0.0	0.0	
21	2.0	0.0	11.0	0.0	0.0	1.0	0.0	8.0	10.0	3.0	1.0	0.0	
22	2.0	0.0	45.0	5.0	0.0	35.0	0.0	0.0	0.0	40.0	0.0	0.0	
23	1.0	5.0	5.0	0.0	10.0	0.0	8.0	0.0	0.0	6.0	2.0	0.0	
24	0.0	0.0	35.0	10.0	1.0	0.0	0.0	13.0	30.0	48.0	0.0	0.0	
25	0.0	0.0	7.0	10.0	25.0	14.0	0.0	0.0	45.0	0.0	1.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	5.0	2.0	2.0	19.0	24.0	0.0	0.0	
27	0.0	0.0	55.0	11.0	1.0	0.0	12.0	14.0	15.0	25.0	0.0	0.0	
28	0.0	0.0	40.0	0.0	50.0	0.0	48.0	13.0	5.0	12.0	2.0	0.0	
29	3.0		0.0	4.0	22.0	28.0	0.0	22.0	0.0	25.0	0.0	0.0	
30	0.0		0.0	8.0	13.0	0.0	4.0	0.0	1.0	23.0	0.0	0.0	
31	14.0		0.0		0.0		2.0	2.0		0.0		0.0	
Total	22.0	11.0	301.0	285.0	238.0	195.0	101.0	152.0	250.0	302.0	212.0	68.0	Anual 2137.0
Días LI.	5	5	15	20	17	15	10	19	20	19	15	6	

Estación : VILLANUEVA
Año : 2002

Dpto. : SANTANDER
Mpio. : CHARALA

Latitud : 6 ° 14 ' N
Longitud : 73 ° 10 ' W
Altitud : 1350 m

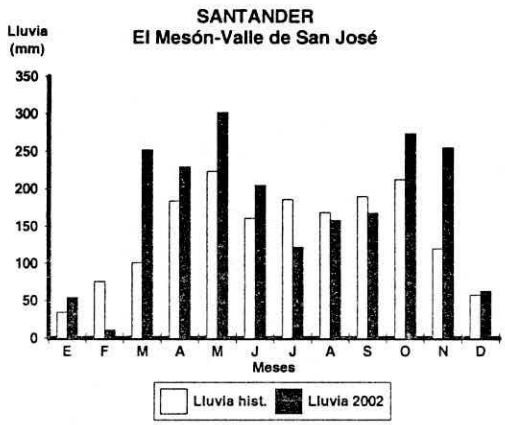
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	4.0	0.0	8.0	12.0	0.0	4.0	92.0	0.0	18.0	0.0	
2	0.0	6.0	0.0	2.0	12.0	8.0	0.0	0.0	0.0	0.0	0.0	8.0	
3	0.0	0.0	0.0	12.0	0.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	
4	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	12.0	0.0	2.0	2.0	0.0	48.0	0.0	8.0	0.0	22.0	
6	4.0	0.0	0.0	4.0	0.0	4.0	42.0	0.0	32.0	6.0	12.0	0.0	
7	0.0	0.0	0.0	12.0	0.0	2.0	54.0	0.0	0.0	0.0	4.0	0.0	
8	0.0	0.0	0.0	4.0	0.0	52.0	0.0	0.0	0.0	18.0	0.0	8.0	
9	0.0	6.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
10	6.0	0.0	0.0	0.0	42.0	48.0	12.0	0.0	0.0	0.0	72.0	0.0	
11	0.0	48.0	40.0	8.0	0.0	0.0	0.0	0.0	18.0	0.0	8.0	16.0	
12	0.0	0.0	44.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	4.0	0.0	0.0	12.0	8.0	0.0	0.0	0.0	0.0	8.0	12.0	0.0	
14	0.0	0.0	0.0	4.0	0.0	8.0	0.0	2.0	0.0	0.0	36.0	18.0	
15	0.0	8.0	0.0	0.0	12.0	0.0	0.0	0.0	12.0	0.0	0.0	26.0	
16	0.0	0.0	8.0	52.0	4.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
17	0.0	2.0	0.0	4.0	0.0	4.0	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	12.0	0.0	6.0	8.0	0.0	28.0	
19	0.0	0.0	26.0	82.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	36.0	
20	0.0	0.0	12.0	0.0	8.0	12.0	18.0	100.0	0.0	12.0	0.0	0.0	
21	0.0	4.0	36.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	4.0	0.0	0.0	22.0	0.0	4.0	0.0	0.0	
23	0.0	0.0	0.0	8.0	28.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
24	0.0	0.0	12.0	2.0	42.0	8.0	0.0	0.0	42.0	122.0	52.0	6.0	
25	0.0	8.0	4.0	0.0	0.0	0.0	0.0	2.0	0.0	44.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	8.0	12.0	0.0	75.0	12.0	12.0	0.0	0.0	
28	0.0	0.0	8.0	12.0	4.0	0.0	12.0	25.0	6.0	32.0	4.0	0.0	
29	54.0		22.0	70.0	0.0	0.0	0.0	92.0	2.0	8.0	0.0	0.0	
30	9.0		0.0	22.0	0.0	0.0	0.0	8.0	4.0	0.0	18.0	0.0	
31	8.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	85.0	94.0	228.0	316.0	182.0	172.0	150.0	380.0	256.0	326.0	246.0	168.0	Anual 2603.0
Días LI.	6	8	12	17	13	12	6	11	12	15	12	9	

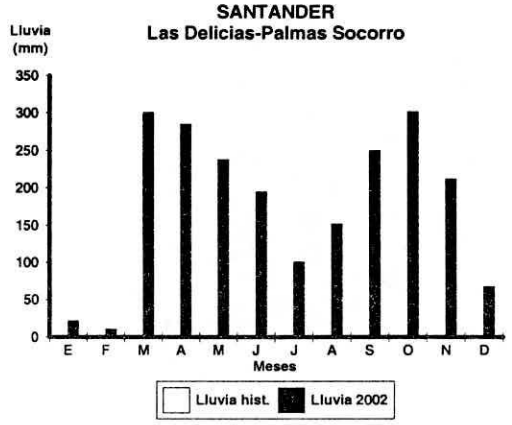
Estación : CIELO ROTO
Año : 2002

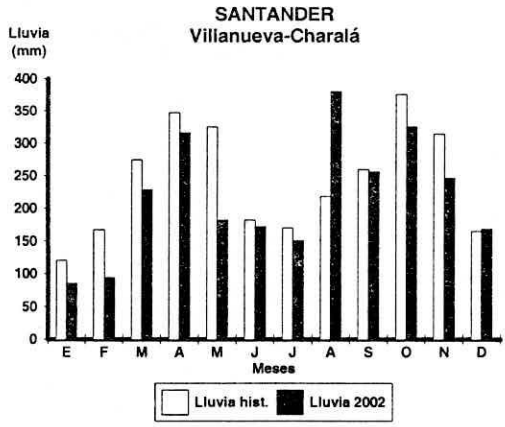
Dpto. : SANTANDER
Mpio. : SUAITA

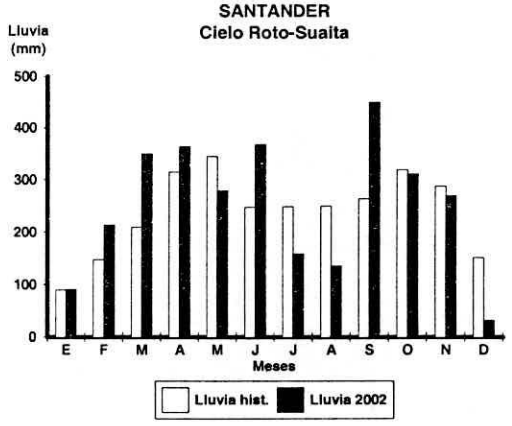
Latitud : 6 ° 7 ' N
Longitud : 73 ° 23 ' W
Altitud : 1540 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	16.0	0.0	0.0	0.0	15.0	0.0	2.0	9.0	24.0	4.0	0.0	
2	0.0	25.0	0.0	9.0	0.0	11.0	0.0	0.0	3.0	7.0	2.0	0.0	
3	0.0	0.0	0.0	4.0	0.0	22.0	22.0	0.0	64.0	0.0	24.0	0.0	
4	0.0	0.0	3.0	2.0	0.0	25.0	22.0	3.0	2.0	3.0	10.0	0.0	
5	0.0	24.0	10.0	6.0	0.0	19.0	3.0	2.0	4.0	15.0	15.0	0.0	
6	0.0	0.0	0.0	25.0	30.0	23.0	0.0	0.0	6.0	15.0	5.0	0.0	
7	15.0	6.0	0.0	33.0	7.0	12.0	0.0	2.0	3.0	0.0	8.0	0.0	
8	0.0	1.0	0.0	3.0	4.0	9.0	1.0	23.0	12.0	40.0	7.0	0.0	
9	0.0	1.0	0.0	2.0	10.0	18.0	4.0	4.0	37.0	0.0	8.0	5.0	
10	0.0	1.0	0.0	0.0	8.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	10.0	16.0	10.0	0.0	0.0	49.0	0.0	0.0	0.0	
12	0.0	0.0	30.0	15.0	12.0	4.0	0.0	0.0	30.0	0.0	52.0	0.0	
13	11.0	36.0	5.0	33.0	4.0	5.0	9.0	5.0	2.0	15.0	7.0	0.0	
14	0.0	0.0	18.0	18.0	7.0	8.0	0.0	2.0	1.0	0.0	4.0	0.0	
15	17.0	0.0	20.0	20.0	12.0	0.0	0.0	8.0	0.0	3.0	1.0	5.0	
16	18.0	0.0	5.0	22.0	3.0	0.0	0.0	0.0	0.0	5.0	0.0	10.0	
17	11.0	0.0	0.0	19.0	5.0	10.0	0.0	3.0	26.0	45.0	8.0	12.0	
18	0.0	52.0	45.0	8.0	11.0	19.0	7.0	2.0	24.0	0.0	0.0	0.0	
19	0.0	11.0	36.0	10.0	15.0	22.0	1.0	2.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	34.0	12.0	8.0	17.0	14.0	20.0	4.0	3.0	0.0	0.0	
21	0.0	0.0	23.0	21.0	6.0	15.0	11.0	2.0	0.0	11.0	21.0	0.0	
22	0.0	0.0	37.0	0.0	4.0	17.0	29.0	0.0	0.0	15.0	11.0	0.0	
23	0.0	21.0	21.0	9.0	24.0	17.0	1.0	0.0	64.0	7.0	9.0	0.0	
24	3.0	19.0	26.0	11.0	16.0	3.0	0.0	8.0	8.0	17.0	14.0	0.0	
25	0.0	0.0	23.0	13.0	12.0	8.0	0.0	0.0	18.0	15.0	3.0	0.0	
26	0.0	0.0	3.0	25.0	8.0	19.0	0.0	28.0	33.0	13.0	1.0	0.0	
27	0.0	0.0	0.0	14.0	6.0	4.0	0.0	14.0	7.0	11.0	12.0	0.0	
28	0.0	0.0	4.0	0.0	21.0	22.0	0.0	0.0	12.0	15.0	9.0	0.0	
29	16.0		2.0	18.0	23.0	0.0	3.0	1.0	2.0	21.0	10.0	0.0	
30	0.0		5.0	2.0	0.0	0.0	10.0	3.0	30.0	12.0	25.0	0.0	
31	0.0		0.0		7.0		22.0	2.0		0.0		0.0	
Total	91.0	213.0	350.0	364.0	279.0	368.0	159.0	136.0	450.0	312.0	270.0	32.0	Anual 3024.0
Días LI.	7	12	19	26	25	26	15	20	24	21	24	4	


SANTANDER
El Mesón-Valle de San José
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 2002


SANTANDER
Las Delicias-Palmas Socorro
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 2002


SANTANDER
Villanueva-Charalá
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


SANTANDER
Cielo Roto-Suaita
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002

Estación : LA CUMBRE
Año : 2002

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	21.0	0.0	38.0	4.0	0.0	0.0	0.0	0.0	4.0	5.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	18.0	0.0	
3	0.0	19.0	3.0	45.0	24.0	13.0	0.0	0.0	0.0	0.0	2.0	0.0	
4	0.0	3.0	0.0	11.0	0.0	10.0	0.0	0.0	0.0	0.0	1.0	0.0	
5	0.0	0.0	0.0	20.0	8.0	8.0	17.0	0.0	5.0	8.0	5.0	0.0	
6	0.0	0.0	0.0	35.0	0.0	61.0	2.0	0.0	0.0	0.0	4.0	0.0	
7	0.0	21.0	0.0	5.0	0.0	10.0	0.0	0.0	0.0	0.0	16.0	0.0	
8	0.0	15.0	0.0	2.0	0.0	0.0	0.0	10.0	2.0	39.0	25.0	0.0	
9	0.0	0.0	0.0	9.0	5.0	21.0	0.0	0.0	0.0	2.0	0.0	0.0	
10	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	14.0	6.0	41.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	25.0	25.0	2.0	0.0	0.0	0.0	0.0	0.0	17.0	11.0	12.0	
14	0.0	0.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	12.0	25.0	10.0	
15	3.0	0.0	10.0	27.0	0.0	29.0	0.0	0.0	9.0	14.0	1.0	19.0	
16	1.0	0.0	9.0	6.0	0.0	0.0	2.0	0.0	0.0	10.0	0.0	45.0	
17	0.0	3.0	6.0	8.0	5.0	5.0	0.0	0.0	0.0	30.0	0.0	40.0	
18	0.0	14.0	41.0	11.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	59.0	30.0	13.0	0.0	0.0	0.0	11.0	0.0	6.0	0.0	
20	0.0	5.0	18.0	10.0	12.0	0.0	0.0	0.0	0.0	36.0	0.0	15.0	
21	0.0	0.0	30.0	0.0	5.0	0.0	0.0	0.0	0.0	44.0	0.0	0.0	
22	0.0	30.0	0.0	0.0	30.0	0.0	5.0	0.0	0.0	28.0	0.0	0.0	
23	0.0	3.0	15.0	22.0	8.0	0.0	2.0	0.0	12.0	0.0	18.0	8.0	
24	0.0	0.0	25.0	39.0	0.0	0.0	7.0	0.0	2.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	18.0	41.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	
26	0.0	9.0	0.0	11.0	29.0	0.0	0.0	5.0	15.0	7.0	0.0	0.0	
27	0.0	0.0	0.0	15.0	2.0	1.0	0.0	20.0	47.0	35.0	0.0	0.0	
28	0.0	0.0	17.0	12.0	21.0	30.0	0.0	68.0	0.0	0.0	5.0	0.0	
29	3.0		0.0	62.0	30.0	0.0	0.0	5.0	0.0	12.0	0.0	0.0	
30	4.0		0.0	2.0	6.0	0.0	0.0	11.0	0.0	7.0	13.0	0.0	
31	2.0		0.0		0.0		0.0	10.0		0.0		0.0	
Total	27.0	174.0	304.0	472.0	268.0	221.0	35.0	129.0	129.0	305.0	155.0	149.0	Anual 2368.0
Días LI.	6	13	14	26	17	12	6	7	10	16	15	7	

Estación : BUENOS AIRES
Año : 2002

Dpto. : TOLIMA
Mpio. : PALOCABILDO

Latitud : 5 ° 8 ' N
Longitud : 75 ° 1 ' W
Altitud : 1410 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	30.0	0.0	12.0	10.0	5.0	0.0	0.0					
2	10.0	0.0	14.0	0.0	15.0	0.0	0.0	0.0					
3	0.0	0.0	6.0	20.0	8.0	0.0	0.0	0.0					
4	0.0	0.0	0.0	0.0	4.0	25.0	80.0	0.0					
5	13.0	0.0	25.0	8.0	0.0	49.0	0.0	0.0					
6	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7	23.0	8.0	0.0	20.0	0.0	43.0	0.0	1.0					
8	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0					
9	0.0	0.0	2.0	40.0	0.0	0.0	0.0	0.0					
10	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0					
11	55.0	5.0	0.0	35.0	0.0	2.0	1.0	0.0					
12	0.0	0.0	10.0	20.0	0.0	0.0	0.0	0.0					
13	20.0	0.0	45.0	48.0	0.0	10.0	0.0	0.0					
14	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0					
15	0.0	0.0	5.0	68.0	5.0	0.0	0.0	0.0					
16	0.0	60.0	0.0	0.0	0.0	0.0	51.0	0.0					
17	0.0	0.0	30.0	0.0	40.0	0.0	0.0	0.0					
18	5.0	50.0	0.0	20.0	19.0	0.0	0.0	0.0					
19	30.0	0.0	14.0	8.0	68.0	0.0	4.0	0.0					
20	0.0	15.0	25.0	96.0	0.0	0.0	0.0	0.0					
21	0.0	8.0	65.0	0.0	3.0	0.0	0.0	0.0					
22	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0					
23	0.0	0.0	0.0	10.0	48.0	0.0	7.0	0.0					
24	0.0	0.0	43.0	0.0	15.0	0.0	0.0	14.0					
25	0.0	0.0	0.0	0.0	50.0	0.0	0.0	34.0					
26	0.0	7.0	20.0	20.0	12.0	0.0	0.0	25.0					
27	0.0	0.0	0.0	8.0	30.0	0.0	0.0	13.0					
28	0.0	0.0	0.0	13.0	21.0	0.0	0.0	8.0					
29	0.0		10.0	0.0	30.0	0.0	0.0	0.0					
30	15.0		0.0	0.0	5.0	0.0	0.0	0.0					
31	0.0		0.0		24.0		0.0	0.0					
Total	197.0	200.0	314.0	461.0	407.0	134.0	143.0	95.0					Anual
Días LI.	9	11	14	17	18	6	5	6					

Estación : EL EDEN
Año : 2002

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	0.0	0.0	58.0	0.0	20.0	0.0	0.0	0.0	0.0		
2	0.0	21.0	0.0	3.0	0.0	0.0	0.0	0.0	4.0	10.0		
3	0.0	5.0	0.0	0.0	0.0	1.0	0.0	0.0	24.0	0.0		
4	0.0	1.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	47.0	0.0	20.0	72.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	5.0	0.0	50.0	0.0	0.0	0.0	4.0		
7	26.0	0.0	4.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0		
8	7.0	0.0	20.0	50.0	0.0	30.0	0.0	3.0	1.0	0.0		
9	3.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0		
10	0.0	51.0	0.0	3.0	0.0	10.0	0.0	0.0	4.0	0.0		
11	0.0	31.0	112.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	110.0	69.0	0.0	8.0	0.0	1.0	0.0	0.0	0.0	0.0		
13	2.0	0.0	16.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	9.0	0.0	11.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0		
15	15.0	33.0	3.0	0.0	0.0	0.0	0.0	0.0	1.0	20.0		
16	0.0	51.0	24.0	0.0	0.0	0.0	20.0	0.0	0.0	40.0		
17	0.0	9.0	0.0	0.0	12.0	0.0	34.0	0.0	0.0	18.0		
18	0.0	137.0	6.0	0.0	6.0	0.0	0.0	0.0	1.0	0.0		
19	0.0	0.0	5.0	38.0	4.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	1.0	7.0	58.0	51.0	0.0	0.0	0.0	2.0	50.0		
21	27.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0		
22	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	11.0		
24	0.0	0.0	10.0	13.0	25.0	0.0	30.0	4.0	0.0	3.0		
25	3.0	0.0	0.0	6.0	66.0	0.0	0.0	2.0	14.0	5.0		
26	0.0	0.0	0.0	1.0	19.0	0.0	0.0	18.0	33.0	2.0		
27	0.0	0.0	1.0	4.0	36.0	0.0	0.0	0.0	20.0	25.0		
28	0.0	0.0	46.0	9.0	8.0	1.0	0.0	8.0	0.0	0.0		
29	0.0		0.0	4.0	18.0	0.0	0.0	0.0	0.0	16.0		
30	0.0		0.0	2.0	9.0	0.0	0.0	0.0	0.0	0.0		
31	33.0		1.0		0.0		0.0	0.0		0.0		
Total	235.0	409.0	274.0	318.0	267.0	148.0	160.0	35.0	104.0	217.0		
Días LI.	10	11	15	20	12	10	5	5	10	14		

Anual

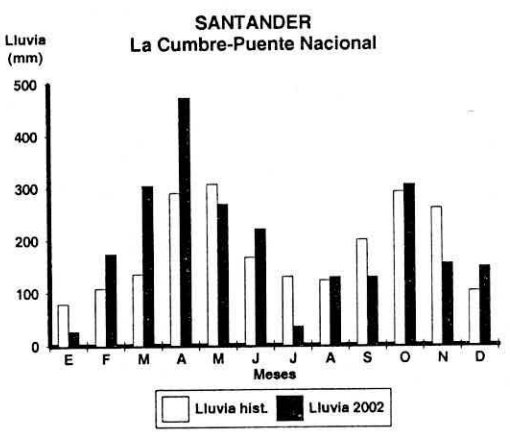
Estación : EL INCIENSAL
Año : 2002

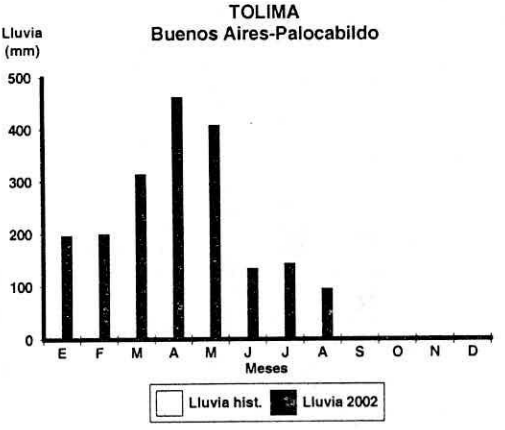
Dpto. : TOLIMA
Mpio. : MURILLO

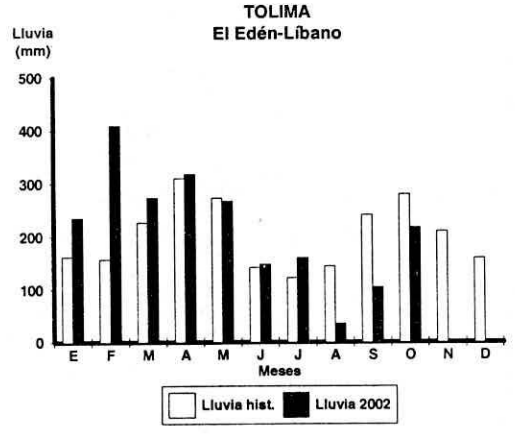
Latitud : 4 ° 53 ' N
Longitud : 75 ° 8 ' W
Altitud : 2400 m

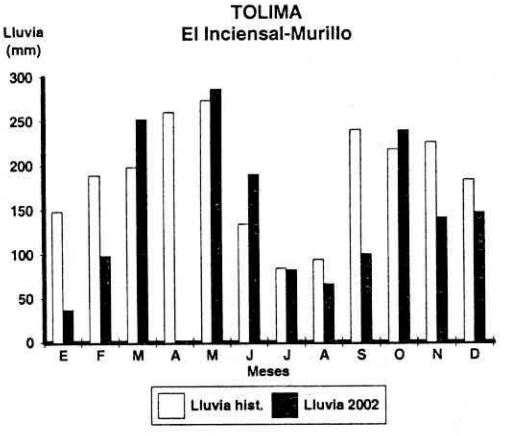
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.
1	0.0	0.0	0.0		0.0	7.5	0.0	0.0	0.0	0.0	9.3	6.2
2	0.0	2.3	0.0		8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	2.4	0.0		0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0		0.0	3.2	50.0	0.0	0.0	0.0	16.5	37.2
5	0.0	0.0	0.0		0.0	60.2	10.2	0.0	0.0	0.0	0.0	11.2
6	7.6	2.0	26.5		0.0	50.0	0.0	0.0	0.0	0.0	9.6	21.4
7	3.8	0.0	0.0		0.0	0.0	0.0	3.8	0.0	16.2	61.2	6.2
8	2.3	4.2	0.0		0.0	29.2	0.0	0.0	0.0	0.0	7.2	0.0
9	0.0	0.0	10.2		0.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	12.3	13.2		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	15.5	0.0	0.0		0.0	19.2	0.0	0.0	0.0	0.0	1.6	6.2
12	3.2	0.0	5.2		0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0
13	0.0	3.2	20.2		0.0	0.0	0.0	0.0	0.0	0.0	30.2	15.3
14	0.0	0.0	10.2		1.0	0.0	0.0	0.0	0.0	0.0	0.0	17.6
15	0.0	5.3	40.2		5.2	0.0	0.0	0.0	0.0	10.2	2.2	25.2
16	0.0	2.3	0.0		20.2	0.0	5.3	0.0	0.0	22.5	0.0	0.0
17	0.0	40.5	5.2		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0		17.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0
19	0.0	3.4	0.0		0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0
20	0.0	0.0	25.5		44.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	40.0		5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0		0.0	0.0	0.0	0.0	4.2	40.2	0.0	0.0
23	0.0	0.0	27.5		18.2	0.0	16.5	0.0	23.5	70.6	0.0	0.0
24	2.0	0.0	0.0		80.0	0.0	0.0	0.0	17.2	0.0	0.0	0.0
25	0.0	8.5	0.0		16.2	0.0	0.0	30.2	30.5	27.5	0.0	0.0
26	0.0	9.0	10.0		4.2	0.0	0.0	9.6	20.0	6.2	0.0	0.0
27	0.0	2.2	9.5		15.2	0.0	0.0	19.2	0.0	0.0	0.0	0.0
28	0.0	0.0	8.6		9.2	0.0	0.0	0.0	0.0	20.0	3.5	0.0
29	0.0		0.0		7.6	0.0	0.0	3.2	0.0	16.2	0.0	0.0
30	0.0		0.0		9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	2.5		0.0		24.2		0.0	0.0		0.0		0.0
Total	36.9	97.6	252.0		286.0	190.2	82.0	66.0	99.6	239.1	141.3	146.5
Días LI.	7	13	14		16	8	4	5	6	11	9	9

Anual


SANTANDER
La Cumbre-Puente Nacional
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


TOLIMA
Buenos Aires-Palocabildo
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


TOLIMA
El Edén-Líbano
Lluvia (mm)
500
400
300
200
100
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


TOLIMA
El Inciensal-Murillo
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 2002

Estación : PLANES
Año : 2002

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	62.0	0.0	43.0	0.0	60.0	0.0	0.0	0.0	5.0	22.0	0.0	
2	0.0	4.0	0.0	5.0	0.0	11.0	0.0	0.0	56.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	4.0	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	10.0	0.0	0.0	0.0	8.0	10.0	
5	0.0	0.0	0.0	8.0	0.0	15.0	80.0	0.0	0.0	0.0	10.0	0.0	
6	0.0	0.0	0.0	12.0	0.0	90.0	0.0	0.0	0.0	0.0	6.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	5.0	13.0	0.0	
8	0.0	0.0	45.0	31.0	0.0	78.0	0.0	0.0	0.0	10.0	0.0	6.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	9.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	7.0	
11	0.0	0.0	10.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	0.0	0.0	
12	20.0	24.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
13	3.0	0.0	52.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	
14	6.0	0.0	48.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	21.0	
15	0.0	22.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	
16	0.0	0.0	48.0	11.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	11.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	42.0	0.0	0.0	
18	0.0	43.0	10.0	0.0	5.0	0.0	0.0	0.0	10.0	12.0	0.0	0.0	
19	0.0	0.0	0.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	24.0	48.0	60.0	0.0	0.0	0.0	0.0	77.0	4.0	0.0	
21	27.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	
22	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	27.0	0.0	0.0	
24	0.0	0.0	10.0	10.0	14.0	0.0	0.0	28.0	0.0	20.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	8.0	26.0	0.0	0.0	22.0	0.0	10.0	0.0	0.0	
27	0.0	0.0	20.0	10.0	30.0	0.0	0.0	0.0	85.0	17.0	0.0	0.0	
28	0.0	0.0	5.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	
29	0.0		0.0	30.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	12.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	56.0	155.0	272.0	289.0	219.0	309.0	117.0	50.0	168.0	279.0	136.0	125.0	Anual 2175.0
Días LI.	4	5	10	16	11	10	3	2	4	13	9	8	

Estación : GUADUALITO
Año : 2002

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	6.0	0.0	4.0	0.0	8.0	0.0	0.0	0.0	0.0	2.0	0.0	
2	0.0	2.0	2.0	8.0	0.0	6.0	0.0	0.0	1.0	0.0	1.0	0.0	
3	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
4	0.0	10.0	2.0	5.0	0.0	4.0	10.0	0.0	0.0	0.0	8.0	0.0	
5	0.0	0.0	4.0	15.0	0.0	3.0	1.0	0.0	0.0	9.0	0.0	11.0	
6	0.0	4.0	8.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
7	2.0	6.0	7.0	12.0	10.0	9.0	0.0	0.0	0.0	0.0	9.0	2.0	
8	0.0	1.0	0.0	14.0	0.0	8.0	0.0	0.0	0.0	6.0	11.0	0.0	
9	2.0	4.0	10.0	8.0	0.0	12.0	0.0	0.0	0.0	0.0	4.0	0.0	
10	1.0	0.0	12.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
11	0.0	10.0	14.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	15.0	
12	2.0	0.0	9.0	0.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	11.0	
13	4.0	0.0	16.0	10.0	0.0	1.0	0.0	0.0	0.0	0.0	8.0	4.0	
14	1.0	0.0	4.0	13.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	3.0	
15	0.0	11.0	5.0	18.0	5.0	0.0	0.0	0.0	0.0	15.0	0.0	5.0	
16	1.0	15.0	2.0	4.0	6.0	0.0	0.0	0.0	0.0	9.0	0.0	6.0	
17	2.0	18.0	1.0	2.0	9.0	0.0	0.0	0.0	1.0	11.0	0.0	0.0	
18	0.0	7.0	2.0	0.0	4.0	0.0	0.0	0.0	15.0	2.0	0.0	1.0	
19	0.0	3.0	4.0	0.0	16.0	0.0	0.0	0.0	1.0	0.0	10.0	6.0	
20	0.0	4.0	3.0	4.0	0.0	0.0	0.0	0.0	2.0	6.0	20.0	4.0	
21	0.0	0.0	0.0	6.0	8.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
22	0.0	10.0	10.0	5.0	11.0	0.0	8.0	0.0	0.0	13.0	0.0	0.0	
23	0.0	1.0	0.0	16.0	0.0	0.0	0.0	0.0	1.0	11.0	0.0	0.0	
24	0.0	3.0	0.0	12.0	9.0	0.0	0.0	0.0	2.0	8.0	0.0	0.0	
25	0.0	5.0	2.0	10.0	12.0	0.0	0.0	0.0	28.0	4.0	6.0	0.0	
26	1.0	1.0	1.0	9.0	10.0	0.0	0.0	10.0	2.0	7.0	10.0	18.0	
27	2.0	2.0	12.0	8.0	8.0	0.0	0.0	2.0	0.0	9.0	9.0	0.0	
28	0.0	0.0	5.0	6.0	4.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	
29	0.0		15.0	10.0	1.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
30	0.0		2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	8.0		2.0		0.0		0.0	2.0		0.0		0.0	
Total	26.0	123.0	154.0	234.0	137.0	53.0	19.0	23.0	63.0	124.0	109.0	90.0	Anual 1155.0
Días LI.	11	20	25	26	18	9	3	4	10	15	15	13	

Estación : TOTARITO
Año : 2002

Dpto. : TOLIMA
Mpio. : ALVARADO

Latitud : 4 ° 40 ' N
Longitud : 75 ° 1 ' W
Altitud : 1250 m

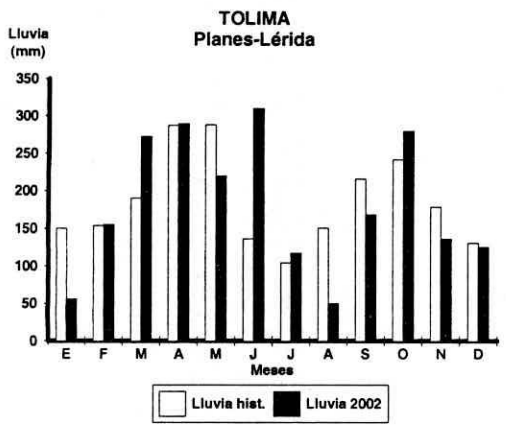
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	15.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	25.0	0.0	0.0	
6	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	
7	0.0	0.0	0.0	0.0	0.0	73.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	56.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	20.0	
9	0.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	30.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	18.0	94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
14	0.0	0.0	30.0	0.0	32.0	25.0	0.0	0.0	20.0	0.0	0.0	52.0	
15	0.0	0.0	0.0	73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	
17	0.0	20.0	0.0	0.0	45.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	
18	0.0	0.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
19	15.0	0.0	0.0	33.0	0.0	0.0	20.0	25.0	0.0	32.0	0.0	0.0	
20	0.0	0.0	41.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	6.0	30.0	
22	0.0	0.0	0.0	0.0	58.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
23	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0	75.0	0.0	0.0	
24	0.0	0.0	35.0	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	0.0	53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	
27	5.0	0.0	0.0	0.0	41.0	0.0	0.0	0.0	33.0	16.0	0.0	0.0	
28	0.0	0.0	56.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
Total	20.0	38.0	320.0	212.0	360.0	193.0	45.0	58.0	107.0	193.0	118.0	187.0	Anual 1851.0
Días LI.	2	2	7	4	9	4	2	3	4	6	8	6	

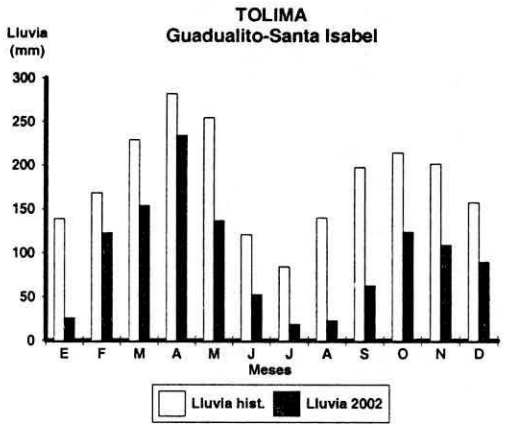
Estación : JANIYOF
Año : 2002

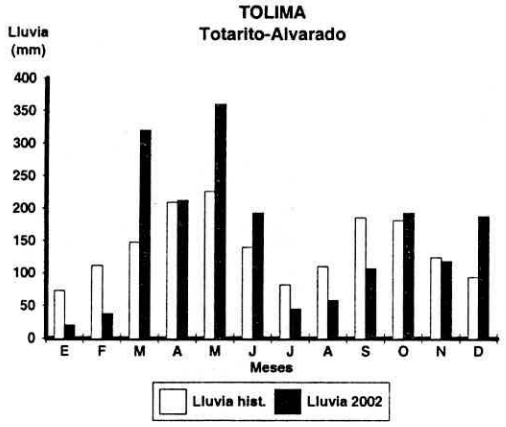
Dpto. : TOLIMA
Mpio. : ANZOATEGUI

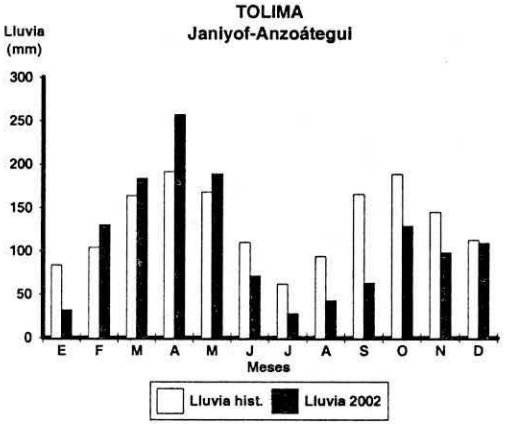
Latitud : 4 ° 38 ' N
Longitud : 75 ° 6 ' W
Altitud : 1700 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
2	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
3	0.0	16.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	23.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	3.0	13.0	0.0	
6	6.0	2.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	19.0	
7	0.0	0.0	0.0	5.0	0.0	11.0	0.0	0.0	0.0	0.0	20.0	4.0	
8	0.0	1.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	21.0	6.0	0.0	
9	0.0	0.0	0.0	11.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	32.0	
10	0.0	0.0	9.0	25.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	10.0	30.0	0.0	9.0	0.0	0.0	15.0	0.0	0.0	0.0	
13	0.0	0.0	12.0	14.0	0.0	0.0	0.0	0.0	2.0	0.0	12.0	13.0	
14	0.0	0.0	42.0	0.0	0.0	3.0	0.0	5.0	0.0	0.0	0.0	4.0	
15	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	13.0	0.0	
16	9.0	9.0	19.0	0.0	15.0	0.0	1.0	0.0	2.0	22.0	0.0	10.0	
17	0.0	10.0	10.0	0.0	10.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
18	0.0	0.0	7.0	23.0	0.0	0.0	5.0	0.0	6.0	0.0	0.0	0.0	
19	0.0	35.0	6.0	9.0	33.0	0.0	1.0	0.0	0.0	10.0	0.0	8.0	
20	7.0	0.0	0.0	3.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	19.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	30.0	0.0	0.0	0.0	2.0	0.0	0.0	10.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	13.0	15.0	0.0	0.0	
25	0.0	23.0	0.0	10.0	23.0	0.0	0.0	3.0	7.0	12.0	0.0	0.0	
26	0.0	2.0	0.0	23.0	10.0	0.0	0.0	17.0	3.0	0.0	0.0	0.0	
27	0.0	10.0	0.0	38.0	16.0	0.0	0.0	2.0	10.0	0.0	0.0	19.0	
28	0.0	0.0	10.0	19.0	4.0	0.0	0.0	4.0	0.0	4.0	0.0	0.0	
29	0.0		0.0	6.0	18.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
30	0.0		0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	10.0		23.0		0.0		0.0	10.0		0.0		0.0	
Total	32.0	130.0	184.0	257.0	189.0	71.0	28.0	43.0	63.0	129.0	98.0	109.0	Anual 1333.0
Días LI.	4	11	12	17	12	7	6	7	10	10	8	8	


TOLIMA
Planes-Lérida
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 2002


TOLIMA
Guadualito-Santa Isabel
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 2002


TOLIMA
Totarito-Alvarado
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


TOLIMA
Janiyof-Anzoátegui
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 2002

Estación : LA MESETA
Año : 2002

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	0.0	0.0	10.0	0.0	20.0	0.0	0.0	0.0	0.0	40.0		
2	0.0	4.0	10.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	4.0		
3	0.0	10.0	4.0	40.0	0.0	10.0	6.0	4.0	4.0	4.0	0.0		
4	0.0	0.0	3.0	6.0	0.0	2.0	2.0	10.0	10.0	10.0	0.0		
5	0.0	0.0	0.0	0.0	10.0	30.0	0.0	0.0	0.0	0.0	10.0		
6	0.0	0.0	0.0	60.0	6.0	0.0	0.0	0.0	0.0	0.0	60.0		
7	10.0	20.0	0.0	12.0	2.0	40.0	10.0	0.0	0.0	0.0	8.0		
8	2.0	4.0	40.0	0.0	0.0	0.0	4.0	30.0	20.0	0.0	4.0		
9	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	7.0	20.0	0.0		
10	0.0	0.0	0.0	10.0	0.0	30.0	0.0	0.0	0.0	4.0	6.0		
11	0.0	0.0	30.0	20.0	30.0	60.0	4.0	0.0	0.0	0.0	0.0		
12	0.0	0.0	0.0	4.0	10.0	0.0	6.0	4.0	4.0	0.0	60.0		
13	0.0	0.0	0.0	10.0	6.0	2.0	0.0	0.0	0.0	6.0	0.0		
14	0.0	0.0	0.0	30.0	0.0	4.0	0.0	0.0	0.0	0.0	20.0		
15	0.0	10.0	0.0	20.0	0.0	8.0	0.0	40.0	40.0	10.0	10.0		
16	0.0	6.0	0.0	60.0	40.0	0.0	6.0	0.0	0.0	40.0	0.0		
17	6.0	0.0	60.0	12.0	60.0	0.0	2.0	0.0	0.0	8.0	4.0		
18	4.0	0.0	20.0	6.0	4.0	0.0	0.0	2.0	2.0	20.0	12.0		
19	2.0	0.0	2.0	40.0	0.0	0.0	0.0	2.0	2.0	0.0	16.0		
20	0.0	30.0	0.0	0.0	0.0	4.0	20.0	0.0	0.0	10.0	0.0		
21	0.0	0.0	0.0	0.0	60.0	0.0	10.0	0.0	0.0	48.0	50.0		
22	0.0	6.0	0.0	10.0	60.0	0.0	4.0	0.0	0.0	10.0	30.0		
23	10.0	0.0	10.0	4.0	10.0	0.0	0.0	0.0	0.0	4.0	6.0		
24	0.0	0.0	6.0	0.0	20.0	6.0	0.0	40.0	40.0	10.0	0.0		
25	0.0	0.0	0.0	46.0	30.0	0.0	6.0	6.0	6.0	60.0	4.0		
26	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	40.0	46.0		
27	0.0	0.0	40.0	62.0	40.0	0.0	0.0	10.0	10.0	30.0	3.0		
28	0.0	0.0	10.0	54.0	10.0	0.0	4.0	2.0	7.0	10.0	5.0		
29	0.0		4.0	0.0	60.0	0.0	0.0	0.0	0.0	20.0	0.0		
30	0.0		0.0	0.0	40.0	0.0	0.0	0.0	0.0	30.0	0.0		
31	0.0		4.0		0.0		0.0	0.0		10.0			Anual
Total	44.0	92.0	253.0	526.0	502.0	216.0	84.0	152.0	152.0	404.0	398.0		
Días Ll.	7	9	15	21	19	12	13	12	12	21	20		

Estación : SANTA MARTA
Año : 2002

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	0.0	0.0	6.0	8.0	16.0	0.0	0.0	0.0	25.0	0.0	30.0		
2	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0		
3	0.0	8.0	0.0	8.0	8.0	4.0	0.0	0.0	0.0	0.0	20.0		
4	0.0	0.0	0.0	10.0	6.0	2.0	5.0	0.0	0.0	0.0	46.0		
5	10.0	0.0	0.0	9.0	0.0	0.0	10.0	0.0	0.0	0.0	6.0		
6	0.0	0.0	10.0	6.0	0.0	0.0	10.0	0.0	0.0	0.0	16.0		
7	0.0	0.0	0.0	16.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0		
8	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0		
9	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0		
10	14.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	37.0	6.0		
11	16.0	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	10.0	22.0		
13	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	12.0		
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	2.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0		
16	18.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0		
17	10.0	12.0	6.0	10.0	0.0	0.0	0.0	4.0	0.0	20.0	5.0		
18	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	50.0		
19	0.0	0.0	0.0	0.0	19.0	0.0	10.0	10.0	0.0	4.0	0.0		
20	0.0	0.0	30.0	0.0	10.0	0.0	20.0	50.0	0.0	5.0	0.0		
21	16.0	0.0	0.0	30.0	10.0	6.0	0.0	0.0	0.0	15.0	0.0		
22	0.0	6.0	0.0	0.0	20.0	0.0	0.0	30.0	3.0	22.0	0.0		
23	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	7.0	0.0	0.0		
24	0.0	0.0	16.0	0.0	50.0	4.0	0.0	40.0	3.0	2.0	0.0		
25	0.0	0.0	9.0	6.0	20.0	0.0	0.0	0.0	3.0	20.0	0.0		
26	14.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	3.0	40.0	0.0		
27	0.0	16.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	4.0	0.0		
28	0.0	0.0	16.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
29	18.0		8.0	6.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0		
30	0.0		0.0	6.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.0		0.0		8.0		2.0	20.0		0.0			Anual
Total	124.0	52.0	147.0	141.0	259.0	26.0	57.0	154.0	54.0	204.0	295.0		
Días Ll.	9	5	9	13	17	5	6	6	8	14	13		

Estación : EL PLACER
Año : 2002

Dpto. : VALLE
Mpio. : ANSERMANUEVO

Latitud : 4 ° 48 ' N
Longitud : 76 ° 6 ' W
Altitud : 1730 m

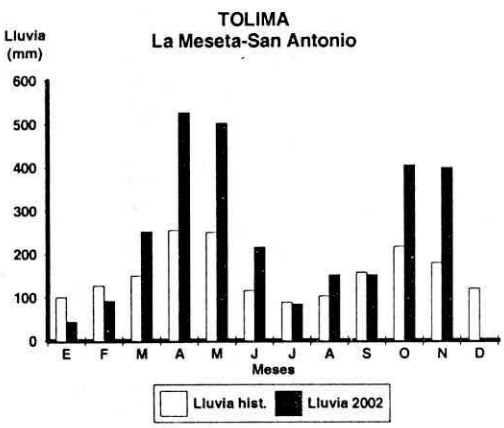
Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1		0.0	0.0	25.0	3.0	10.0	0.0			0.0	3.0	0.0	
2		0.0	0.0	0.0	2.0	9.0	0.0			0.0	2.0	0.0	
3		0.0	0.0	0.0	0.0	5.0	3.0			0.0	15.0	4.0	
4		0.0	0.0	9.0	9.0	8.0	6.0			0.0	4.0	6.0	
5		0.0	0.0	40.0	0.0	0.0	14.0			0.0	6.0	10.0	
6		0.0	6.0	30.0	0.0	20.0	3.0			0.0	0.0	8.0	
7		0.0	49.0	0.0	5.0	25.0	0.0			2.0	0.0	5.0	
8		0.0	0.0	18.0	0.0	15.0	0.0			13.0	0.0	3.0	
9		0.0	0.0	20.0	0.0	0.0	3.0			5.0	4.0	0.0	
10		16.0	0.0	0.0	3.0	5.0	1.0			10.0	10.0	0.0	
11		0.0	0.0	0.0	10.0	7.0	4.0			0.0	5.0	0.0	
12		10.0	0.0	0.0	0.0	6.0	0.0			4.0	7.0	0.0	
13		0.0	0.0	0.0	0.0	0.0	10.0			2.0	16.0	2.0	
14		0.0	0.0	5.0	0.0	0.0	0.0			8.0	2.0	5.0	
15		0.0	2.0	0.0	20.0	2.0	0.0			6.0	8.0	8.0	
16		0.0	10.0	0.0	5.0	0.0	0.0			3.0	2.0	14.0	
17		0.0	3.0	0.0	2.0	0.0	6.0			2.0	0.0	7.0	
18		17.0	6.0	13.0	4.0	0.0	0.0			7.0	0.0	3.0	
19		0.0	7.0	0.0	10.0	0.0	0.0			10.0	0.0	1.0	
20		0.0	1.0	0.0	3.0	0.0	7.0			4.0	0.0	1.0	
21		0.0	10.0	0.0	0.0	0.0	0.0			0.0	1.0	0.0	
22		0.0	0.0	0.0	9.0	0.0	0.0			0.0	12.0	0.0	
23		0.0	0.0	32.0	0.0	0.0	0.0			5.0	3.0	0.0	
24		0.0	10.0	20.0	12.0	0.0	0.0			4.0	0.0	0.0	
25		0.0	2.0	0.0	2.0	0.0	0.0			7.0	0.0	0.0	
26		0.0	0.0	40.0	7.0	0.0	0.0			9.0	0.0	0.0	
27		0.0	0.0	36.0	1.0	0.0	0.0			10.0	9.0	0.0	
28		0.0	15.0	20.0	10.0	5.0	0.0			0.0	4.0	8.0	
29			6.0	0.0	0.0	0.0	0.0			6.0	5.0	0.0	
30			0.0	0.0	9.0	0.0	0.0			9.0	0.0	0.0	
31			0.0		0.0		0.0			0.0		0.0	
Total		43.0	127.0	308.0	126.0	117.0	57.0			126.0	118.0	85.0	Anual
Días LI.		3	13	13	19	12	10			20	19	15	

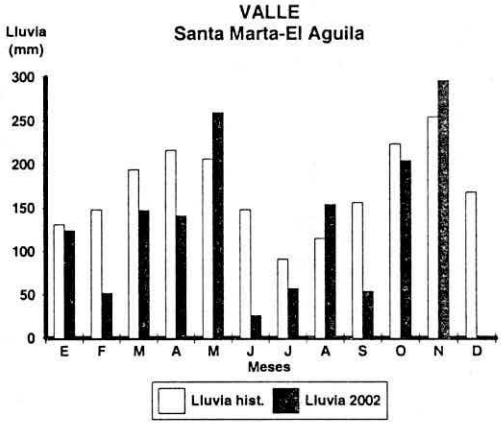
Estación : BELLAVISTA
Año : 2002

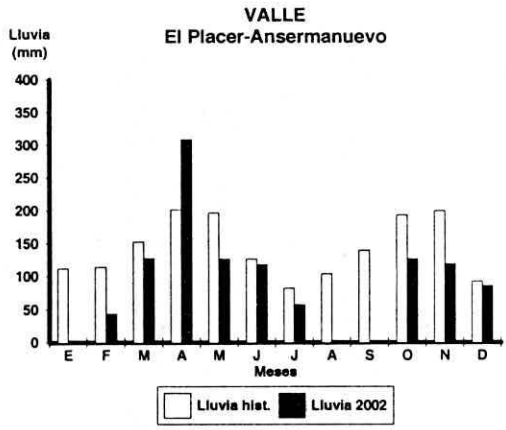
Dpto. : VALLE
Mpio. : ANSERMANUEVO

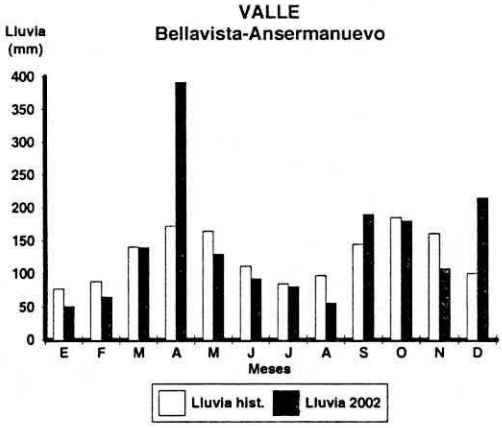
Latitud : 4 ° 45 ' N
Longitud : 76 ° 6 ' W
Altitud : 1550 m

Día	Ene.	Feb.	Mar.	Abr.	May.	Jun.	Jul.	Ago.	Sep.	Oct.	Nov.	Dic.	
1	2.0	1.0	0.0	27.0	3.0	3.0	0.0	0.0	12.0	0.0	5.0	0.0	
2	3.0	3.0	0.0	1.0	0.0	2.0	0.0	0.0	0.0	0.0	6.0	0.0	
3	0.0	5.0	1.0	2.0	0.0	1.0	6.0	0.0	0.0	0.0	7.0	0.0	
4	0.0	2.0	0.0	3.0	10.0	31.0	9.0	0.0	0.0	0.0	30.0	0.0	
5	0.0	1.0	0.0	52.0	0.0	3.0	14.0	0.0	0.0	0.0	3.0	0.0	
6	0.0	0.0	14.0	6.0	0.0	1.0	0.0	1.0	0.0	0.0	2.0	0.0	
7	16.0	0.0	11.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	12.0	20.0	
8	10.0	0.0	0.0	24.0	0.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	
9	0.0	0.0	0.0	3.0	0.0	7.0	0.0	0.0	0.0	0.0	1.0	0.0	
10	0.0	29.0	0.0	5.0	3.0	12.0	7.0	0.0	0.0	4.0	3.0	10.0	
11	0.0	0.0	1.0	0.0	5.0	7.0	5.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	38.0	0.0	18.0	0.0	0.0	0.0	0.0	4.0	0.0	
13	5.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	7.0	7.0	
14	0.0	0.0	0.0	9.0	0.0	0.0	15.0	0.0	40.0	0.0	0.0	80.0	
15	1.0	0.0	3.0	1.0	0.0	0.0	0.0	0.0	5.0	10.0	0.0	30.0	
16	0.0	0.0	13.0	0.0	13.0	0.0	0.0	0.0	0.0	7.0	0.0	13.0	
17	0.0	0.0	1.0	17.0	4.0	1.0	12.0	0.0	0.0	34.0	3.0	11.0	
18	0.0	10.0	5.0	0.0	3.0	2.0	0.0	0.0	20.0	6.0	13.0	0.0	
19	0.0	1.0	6.0	2.0	4.0	0.0	6.0	0.0	0.0	4.0	1.0	4.0	
20	0.0	1.0	10.0	1.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
21	0.0	11.0	9.0	10.0	11.0	0.0	1.0	0.0	30.0	1.0	0.0	0.0	
22	0.0	0.0	0.0	17.0	25.0	0.0	3.0	0.0	0.0	8.0	0.0	0.0	
23	0.0	0.0	0.0	16.0	8.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	
24	0.0	0.0	30.0	24.0	5.0	0.0	0.0	0.0	35.0	25.0	0.0	0.0	
25	0.0	0.0	0.0	26.0	4.0	0.0	0.0	0.0	10.0	15.0	0.0	0.0	
26	0.0	1.0	0.0	23.0	10.0	0.0	0.0	1.0	0.0	20.0	0.0	0.0	
27	0.0	0.0	0.0	25.0	0.0	0.0	1.0	12.0	37.0	5.0	0.0	4.0	
28	0.0	0.0	19.0	14.0	3.0	0.0	0.0	0.0	0.0	10.0	3.0	0.0	
29	5.0		7.0	36.0	12.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	
30	8.0		0.0	7.0	1.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	
31	0.0		7.0		1.0		0.0	41.0		0.0		0.0	
Total	50.0	65.0	139.0	391.0	129.0	92.0	80.0	55.0	189.0	179.0	107.0	214.0	Anual 1690.0
Días LI.	8	11	16	26	19	15	12	4	8	15	17	11	


TOLIMA
La Meseta-San Antonio
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 2002


VALLE
Santa Marta-El Aguila
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 2002


VALLE
El Placer-Ansermanuevo
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002


VALLE
Bellavista-Ansermanuevo
Lluvia (mm)
400
350
300
250
200
150
100
50
0
E F M A M J J A S O N D
Meses
Lluvia hist.
Lluvia 2002