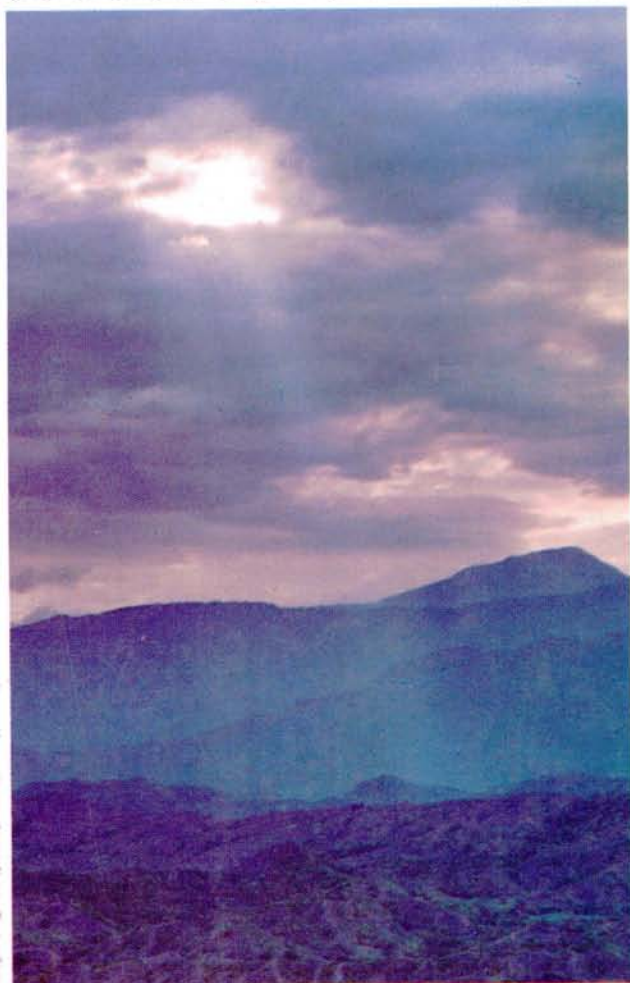


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A NUARIO METEOROLOGICO

1991



Cenicafé

CENTRO NACIONAL DE INVESTIGACIONES DE CAFE

"Pedro Uribe Mejía"

Chinchiná - Caldas - Colombia

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ANUARIO **1991** **METEOROLOGICO**



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FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA

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DE INVESTIGACIONES DE CAFE. CENICAFE. Chinchiná (Colombia). Anuario
Meteorológico 1991. Chinchiná (Colombia), CENICAFE, 1992. 369 p.

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FEDERACION NACIONAL DE CAFETEROS DE COLOMBIA

CENTRO NACIONAL DE INVESTIGACIONES DE CAFE

"Pedro Uribe Mejía"

DISCIPLINA DE AGROCLIMATOLOGIA

**ANUARIO
METEOROLOGICO
1991**

Se canjea con publicaciones de la misma índole

DIRECCION

CENICAFE, Chinchiná, Caldas, Colombia

ADDRESS

La información de este Anuario fue compilada por los investigadores de CENICAFE José Vicente Baldión Rincón y Orlando Guzmán Martínez con la participación del personal auxiliar de la Disciplina de Agroclimatología, señores Edilberto Taborda Márquez, Carlos Roldán Osorio, Raúl Castaño García, Fabián Sánchez López, Luis F. Torres Quintero, John J. Ramírez Gaviria y Wilmar A. Rendón Gómez. Además, contó con la asesoría del doctor Michel Prieto Trujillo y el Programador Carlos H. Gallego Zapata de la Disciplina de Sistemas y la colaboración de la Sección de Divulgación. Igualmente se reconoce la valiosa cooperación de los Comités Departamentales de Cafeteros a través de sus Servicios de Extensión y de los observadores en cada una de las estaciones de la red.

INTRODUCCION

Los registros climáticos reunidos en la presente edición de este Anuario Meteorológico corresponden a las observaciones meteorológicas obtenidas durante el año 1991 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 heliopluiográficas 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 tipo Hellman, pluviómetro con reglilla, de 200 cm² de boca colectora y heliógrafo tipo Campbell-Stokes.

El horario de observaciones está de acuerdo con las recomendaciones de la Organización Meteorológica Mundial -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 (CENICAFE).

CALCULOS

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

$$e = E_1 - A_p (t - t_1)$$

donde:

- e = tensión del vapor actual en milibares
- E_1 = tensión del vapor de saturación a la temperatura t_1
- A_p = 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:

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

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 19:00 a 07:00 horas durante la noche, respectivamente.

La lluvia en las estaciones climáticas principales, heliopluiográficas 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.

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.

MODIFICACIONES EN LA RED DEL SERVICIO METEOROLOGICO

Las novedades registradas durante el año de 1991 en relación con la red meteorológica fueron las siguientes:

Cambios de categoría

La estación heliopluiográfica Gabriel M. Barriga ubicada en Convención (Norte de Santander) pasó a la categoría de principal en el mes de mayo.

El pluviómetro La Siberia en el municipio de Rionegro (Santander) cambió su nombre por el de Julián Rey y pasó a estación pluviográfica en abril, luego a heliopluiográfica en mayo y finalmente a principal en octubre.

La estación principal Heraclio Uribe situada en el municipio de Sevilla (Valle) se redujo a pluviográfica en agosto. Así mismo, la estación principal El Limón localizada en el municipio de Chaparral fue reducida a la categoría de heliopluiográfica en abril de 1990.

Estaciones nuevas

Se instaló la estación pluviográfica La Máquina en el municipio de Cocorná (Antioquia) en junio, la cual pasó a heliopluiográfica en agosto y finalmente se convirtió en principal en diciembre.

Se instaló la estación La Sirena en el municipio de Sevilla (Valle), inicialmente como heliopluiográfica en noviembre y posteriormente se llevó a principal en diciembre.

Puestos pluviométricos nuevos

Departamento	Municipio	Nombre
Caldas	Manizales	El Mango (julio)
Caldas	Manizales	Las Colinas (mayo)
Caldas	Manizales	Santa Teresa (junio)
Caldas	Neira	El Refugio (diciembre)
Cundinamarca	Arbeláez	San Luis (marzo)
Cundinamarca	Caparrapí	San Pedro (mayo)
Cundinamarca	Fusagasugá	Expoabracol (marzo)
Cundinamarca	Guaduas	El Roble (marzo)
Cundinamarca	Guayabal de Siquima	La Esperanza (abril)
Cundinamarca	La Palma	Canaima (julio)
Cundinamarca	Nilo	Aguadulce (abril)
Cundinamarca	Venecia	San Jorge (junio)
Cundinamarca	Villeta	La Esperanza (abril)
Cundinamarca	Yacopí	El Porvenir (julio)
Meta	San Carlos de Guaroa	Santa Helena (enero)
Santander	Ocamonte	La Lejfa (septiembre)
Santander	Valle de San José	El Mesón (junio)

Estaciones suspendidas

Valle	Sevilla	Heraclio Uribe (diciembre)
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LOCALIZACION DE LA RED METEOROLOGICA

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

¹ GOMEZ G., L.; CABALLERO R., A.; BALDION R., J.V. Ecotopos cafeteros de Colombia. Santafé de Bogotá (Colombia). FEDERACAFE 1991. 131p.

CORDILLERA OCCIDENTAL - VERTIENTE OCCIDENTAL

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
La Zulia	Pueblo Rico	Risaralda	05° 13'	76° 01'	1.480	Tatamá	102A
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

Miguel Valencia	Jardín	Antioquia	05° 36'	75° 51'	1.570	Claro	105B
El Descanso	Marmato	Caldas	05° 30'	75° 37'	1.800	Cauca	106B
Rafael Escobar	Supía	Caldas	05° 28'	75° 39'	1.320	Cauca	106B
La Argentina	Riosucio	Caldas	05° 28'	75° 42'	1.420	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
Buenos Aires	Guática	Risaralda	05° 20'	75° 48'	1.830	Guática	106B
Ospirma	Guática	Risaralda	05° 20'	75° 49'	1.680	Guática	106B
El Diamante	Quinchía	Risaralda	05° 19'	75° 42'	1.550	Quinchía	106B
Vista Hermosa	Belén de Umbría	Risaralda	05° 15'	75° 54'	1.850	Risaralda	106B
La Delfita	Belén de Umbría	Risaralda	05° 12'	75° 52'	1.520	Risaralda	107B
Los Cármbulos	Belén de Umbría	Risaralda	05° 09'	75° 53'	1.400	Risaralda	107B
El Samán	Risaralda	Caldas	05° 09'	75° 46'	1.550	Cauca	107B
Los Naranjos	Santuario	Risaralda	05° 03'	76° 00'	1.650	Mapa	108B
La Tribuna	Balboa	Totuí	04° 57'	75° 56'	1.500	Risaralda	108B
Ingenio Risaralda	Balboa	Risaralda	04° 55'	75° 54'	900	Risaralda	108B
Santa Marta	El Águila	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

CORDILLERA CENTRAL - VERTIENTE OCCIDENTAL

El Rosario	Venecia	Antioquia	05° 58'	75° 43'	1.600	Sinifana	203A
Bariloche	Fredonia	Antioquia	05° 56'	75° 41'	1.700	Granadero	203A
Guaymaral	Aguadas	Caldas	05° 40'	75° 23'	1.600	Arma	204A
Cuatro Esquinas	Aguadas	Caldas	05° 40'	75° 25'	1.900	Arma	204A
La Linda	Pácora	Caldas	05° 32'	75° 32'	1.850	Pácora	204A
La Julia	Pácora	Caldas	05° 18'	75° 34'	1.650	Maibá	204A
San Isidro	Filadelfia	Caldas	05° 14'	75° 34'	1.600	Tareas	205A
La Selva	Manizales	Caldas	05° 07'	75° 36'	1.350	Guacaica	205A
Granja Luker	Palestina	Caldas	05° 05'	75° 41'	1.020	Chinchiná	206A
Santángueda	Palestina	Caldas	05° 05'	75° 40'	1.010	Chinchiná	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
Santa Ana	Palestina	Caldas	05° 01'	75° 40'	1.250	Campoalegre	206A
La Palmera	Marsella	Risaralda	05° 00'	75° 45'	1.450	San Francisco	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 Romelia	Chinchiná	Caldas	04° 58'	75° 40'	1.400	Campoalegre	206A

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
La Teresita	Santa Rosa de Cabal	Risaralda	04° 57'	75° 38'		San Eugenio	206A
Santa Helena	Santa Rosa de Cabal	Risaralda	04° 57'	75° 37'		Campoalegre	206A
El Castillo	Santa Rosa de Cabal	Risaralda	04° 56'	75° 40'	1.550	Otún	206A
El Jazmín	Santa Rosa de Cabal	Risaralda	04° 55'	75° 38'	1.600	San Eugenio	206A
La Moreniña	Marsella	Risaralda	04° 54'	75° 46'	1.440	Cauca	206A
El Bosque	Dosquebradas	Risaralda	04° 50'	75° 41'	1.450	Otún	206A
Agronomía	Manizales	Caldas	05° 03'	75° 29'	2.150	Chinchiná	207A
Java	Manizales	Caldas	05° 01'	75° 33'	1.780	Chinchiná	207A
El Cedral	Pereira	Risaralda	04° 42'	75° 32'	2.120	Otún	208A
El Sena	Armenia	Quindío	04° 34'	75° 39'	1.550	Quindío	208A
Combia	Pereira	Risaralda	04° 51'	75° 47'	1.240	Otún	209A
La Playa	Pereira	Risaralda	04° 50'	76° 46'	1.230	Otún	209A
Los Cábulos	Pereira	Risaralda	04° 49'	75° 50'	1.240	Cauca	209A
Planta de Tratamiento	Pereira	Risaralda	04° 48'	75° 40'	1.450	Otún	209A
La Renta	Pereira	Risaralda	04° 47'	75° 42'	1.250	Consota	209A
Hiroshima	Pereira	Risaralda	04° 46'	75° 44'	1.340	Consota	209A
La Catalina	Pereira	Risaralda	04° 45'	75° 45'	1.350	Consota	209A
La Abuelita	Pereira	Risaralda	04° 44'	75° 47'	1.250	Barbas	209A
El Recreo	Ulloa	Valle	04° 42'	75° 44'	1.410	Barbas	209A
Arturo Gómez	Aicalá	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
El Rocío	Quimbaya	Quindío	04° 37'	75° 45'	1.340	La Vieja	210A
Maracay	Quimbaya	Quindío	04° 36'	75° 46'	1.450	La Vieja	210A
La Ilusión	Circasia	Quindío	04° 35'	75° 42'	1.500	Espejo	210A
La Julia	Montenegro	Quindío	04° 33'	75° 45'	1.320	Espejo	210A
Sorrento	Montenegro	Quindío	04° 32'	75° 50'	1.200	La Vieja	210A
Tucumán	Armenia	Quindío	04° 32'	75° 44'	1.250	Espejo	210A
El Agrado	Montenegro	Quindío	04° 31'	75° 47'	1.350	Espejo	210A
La Bella	Calarcá	Quindío	04° 30'	75° 40'	1.450	Quindío	210A
El Paraíso	Calarcá	Quindío	04° 29'	75° 42'	1.400	Quindío	210A
El Jardín	Calarcá	Quindío	04° 28'	75° 42'	1.300	Santo Domingo	210A
La Pradera	Armenia	Quindío	04° 28'	75° 43'	1.350	Quindío	210A
Quebradanegra	Calarcá	Quindío	04° 27'	75° 40'	1.500	Santo Domingo	210A
La Miranda	La Tebaida	Quindío	04° 26'	75° 50'	1.220	La Vieja	210A
La Argentina	La Tebaida	Quindío	04° 26'	75° 46'	1.200	La Vieja	210A
Mónaco	Córdoba	Quindío	04° 25'	75° 42'	1.300	Rioverde	210A
Paraguaicito	Buenavista	Quindío	04° 23'	75° 44'	1.250	Rioverde	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
El Berrón	Cartago	Valle	04° 41'	75° 51'	1.150	La Vieja	212A
Venecia	Caicedonia	Valle	04° 20'	75° 50'	1.170	Pijao	213A
Heraclio Uribe	Sevilla	Valle	04° 17'	75° 55'	1.540	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	Santander de Quilichao	Cauca	03° 01'	76° 29'	1.110	Quilichao	217A
La Trinidad	Piendamó	Cauca	02° 44'	76° 34'	1.600	Tunia	218A
Manuel Mejía	El Tambo	Cauca	02° 25'	76° 45'	1.700	Piedras	218A
La Campiña	Timbío	Cauca	02° 24'	76° 40'	1.800	Robles	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	Guátara	221A

CORDILLERA CENTRAL - VERTIENTE ORIENTAL

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
Hogar Juvenil	Pensilvania	Caldas	05° 30'	75° 11'	1.560	Samaná	205B
Guacas	Pensilvania	Caldas	05° 28'	75° 10'	1.700	Dulce	205B
El Tambor	Victoria	Caldas	05° 24'	74° 54'	850	Doña Juana	205B
La Corneta	Victoria	Caldas	05° 23'	74° 54'	800	Doña Juana	205B
Cuba	Victoria	Caldas	05° 20'	74° 56'	1.050	Doña Juana	205B
La Pastorita	Victoria	Caldas	05° 19'	74° 57'	1.100	Guarinó	205B
Santa Helena	Marquetalia	Caldas	05° 19'	75° 00'	1.450	La Miel	205B
La Mesa	Mariquita	Tolima	05° 14'	74° 58'	1.200	Sucio	206B
Llanadas	Manzanares	Caldas	05° 12'	75° 08'	1.420	Santo Domingo	206B
La Cimarrona	Fresno	Tolima	05° 10'	75° 01'	1.340	Sucio	206B
Palocabildo	Falan	Tolima	05° 07'	75° 01'	1.500	Sabandija	206B
La Danta	Casabianca	Tolima	05° 06'	75° 06'	1.700	Gualí	206B
El Edén	Líbano	Tolima	04° 58'	75° 00'	1.350	Lagunilla	207B
La Trinidad	Líbano	Tolima	04° 54'	75° 03'	1.430	Recio	207B
El Inciense	Murillo	Tolima	04° 53'	75° 08'	2.400	Lagunilla	207B
Guadualito	Santa Isabel	Tolima	04° 42'	75° 04'	1.620	Totaré	208B
Totarito	Alvarado	Tolima	04° 40'	75° 01'	1.250	Totaré	208B
Janiyof	Anzoátegui	Tolima	04° 38'	75° 06'	1.720	Totaré	208B
La Primavera	Ibagué	Tolima	04° 25'	75° 15'	1.300	Combeima	209B
La Meseta	San Antonio	Tolima	03° 56'	75° 29'	1.600	La Lejía	209B
Poco a Poco	Chaparral	Tolima	03° 47'	75° 33'	1.340	Tetuán	210B
El Limón	Chaparral	Tolima	03° 40'	75° 35'	990	Amoyá	210B
Montefrío	Natagaima	Tolima	03° 29'	75° 16'	1.500	Patá	211B
Los Andes	Planadas	Tolima	03° 11'	75° 37'	1.500	Atá	211B
Corrales	Teruel	Huila	02° 43'	75° 33'	1.450	Yaguará	212B

CORDILLERA ORIENTAL - VERTIENTE OCCIDENTAL

Gabriel M. Barriga	Convención	Santander	08° 25'	73° 20'	1.320	Catatumbo	301B
Julián Rey	Rionegro	Santander	07° 20'	73° 07'	1.240	Santa Cruz	302A
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
Miporal	Floridablanca	Santander	07° 05'	73° 04'	1.200	Frío	302A
La Loma	Floridablanca	Santander	07° 04'	73° 04'	1.400	Frío	302A
El Silencio	Rionegro	Santander	07° 24'	73° 13'	1.120	Cáchira del Sur	303A
Chochos	Hato	Santander	06° 33'	73° 19'	1.400	Suárez	305A
La Laguna	Páramo	Santander	06° 30'	73° 09'	1.550	Fonce	305A
Las Flores	Pinchote	Santander	06° 29'	73° 11'	1.700	Fonce	305A
Casa de Teja	San Vicente de Chucurí	Santander	06° 55'	73° 27'	960	Chucurí	306A
Aguasblancas	San Vicente de Chucurí	Santander	06° 50'	73° 29'	920	Chucurí	306A
Sevilla	Guadalupe	Santander	06° 15'	73° 22'	1.390	Oibita	307A
Villanueva	Charalá	Santander	06° 14'	73° 10'	1.450	Pienta	307A
Cielo Roto	Suaita	Santander	06° 07'	73° 23'	1.540	Tolotá	307A
Buenavista	Barbosa	Santander	05° 56'	73° 39'	1.850	Suárez	308A
Bertha	Moniquirá	Boyacá	05° 53'	73° 34'	1.700	Moniquirá	308A
La Cumbre	Puente Nacional	Santander	05° 52'	73° 42'	1.650	Suárez	308A
Montelíbano	Yacopí	Cundinamarca	05° 28'	74° 22'	1.340	Chirche	309A
Secr. de Agricultura	La Palma	Cundinamarca	05° 22'	74° 24'	1.250	Murca	310A
El Paraíso	Caparrapí	Cundinamarca	05° 17'	74° 31'	1.450	Patá	310A

Estación	Municipio	Departamento	Latitud Norte	Longitud Oeste	Altitud m	Corriente	Ecotopo
Santa Rosita	El Peñón	Cundinamarca	05° 17'	74° 17'	1.430	Negro	310A
La Florida	Vergara	Cundinamarca	05° 05'	74° 18'	1.400	Pinzaimá	311A
Icalí	Sasaima	Cundinamarca	04° 57'	74° 26'	1.380	Dulce	311A
Santa Bárbara	Sasaima	Cundinamarca	04° 57'	74° 25'	1.450	Dulce	311A
San Juan	San Juan de Rioseco	Cundinamarca	04° 51'	74° 37'	1.300	Seco	313A
Mesitas de Santa Inés	Cachipay	Cundinamarca	04° 43'	74° 28'	1.250	Bajamón	314A
El Refugio	La Mesa	Cundinamarca	04° 42'	74° 26'	1.250	Apulo	314A
Misiones	Mesitas del Colegio	Cundinamarca	04° 33'	74° 25'	1.540	Bogotá	314A
El Porvenir	Mesitas del Colegio	Cundinamarca	04° 32'	74° 28'	1.350	Bogotá	314A
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
Luis Bustamante	Villarrica	Tolima	03° 55'	74° 34'	1.610	Cuindé	316A
El Ocaso	Dolores	Tolima	03° 37'	74° 53'	1.000	Magdalena	316A
La Montaña	Dolores	Tolima	03° 33'	74° 54'	1.260	Magdalena	316A
El Alba	Baraya	Huila	03° 08'	74° 58'	1.480	Magdalena	317A
Guayabal	Algeciras	Huila	02° 33'	75° 15'	1.460	Neiva	317A
Jorge Villamil	Gigante	Huila	02° 20'	75° 31'	1.500	Magdalena	318A
La Primavera	Gigante	Huila	02° 16'	75° 31'	1.400	Loro	318A
Villa Consuelo	Garzón	Huila	02° 12'	75° 34'	1.450	Magdalena	318A
Concent. Desarrollo	Timaná	Huila	01° 58'	75° 56'	1.080	Timaná	318A

CORDILLERA ORIENTAL - VERTIENTE ORIENTAL

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
Acacías	Maringá	Meta	03° 58'	73° 36'	380	Acacías	308B

SIERRA NEVADA DE SANTA MARTA

Pueblo Bello	Valledupar	Cesar	10° 25'	73° 34'	1.000	Ariguaní	402
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ESTACION: EL ROSARIO

DPTO: ANTIOQUIA

LATITUD : 05° 58'N

AÑO: 1991

MPIO: VENEZIA

LONGITUD : 75° 43'W

ALTITUD : 1600 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	26.2	20.4	78.3	0.0	.9	.9	5.6
2	16.0	25.4	19.5	75.3	1.5	0.0	1.5	4.4
3	17.5	26.3	21.1	73.7	0.0	0.0	0.0	4.0
4	17.6	27.0	21.8	73.3	0.0	0.0	0.0	8.4
5	18.0	25.4	21.7	72.0	0.0	0.0	0.0	5.8
6	17.5	25.6	21.0	74.0	0.0	0.0	0.0	6.3
7	16.2	26.7	20.0	74.0	0.0	0.0	0.0	7.3
8	17.0	26.5	21.8	68.3	0.0	0.0	0.0	8.6
9	17.4	27.6	22.5	64.7	0.0	0.0	0.0	8.6
10	18.0	27.5	21.4	70.7	1.6	0.0	1.6	7.5
11	17.5	25.7	21.3	74.7	.1	0.0	.1	3.9
12	17.0	24.5	19.9	80.7	.2	.1	.3	3.0
13	16.4	27.0	20.2	76.0	.1	.1	.2	8.4
14	16.5	25.8	18.3	80.0	4.4	.4	4.8	5.7
15	17.0	23.4	19.4	80.3	.3	0.0	.3	2.5
16	16.0	27.2	19.9	68.3	0.0	0.0	0.0	8.4
17	17.0	26.2	20.4	71.7	0.0	0.0	0.0	5.8
18	17.4	27.4	21.2	66.7	0.0	0.0	0.0	7.6
19	17.0	27.2	21.4	68.7	.2	0.0	.2	8.2
20	16.9	26.2	20.2	72.7	.1	0.0	.1	4.1
21	17.0	27.5	21.3	66.3	0.0	0.0	0.0	8.2
22	16.0	28.2	21.5	61.3	0.0	0.0	0.0	10.1
23	16.2	28.0	21.8	61.0	0.0	0.0	0.0	10.5
24	16.5	28.8	22.8	58.0	0.0	0.0	0.0	10.2
25	17.0	29.0	23.3	52.7	0.0	0.0	0.0	10.5
26	17.5	27.6	22.4	57.0	0.0	0.0	0.0	9.6
27	17.3	24.5	21.2	69.3	0.0	0.0	0.0	3.5
28	18.0	29.2	23.9	57.7	0.0	0.0	0.0	10.6
29	18.2	29.9	23.8	55.7	0.0	0.0	0.0	10.5
30	17.8	27.6	22.6	63.3	0.0	19.4	19.4	6.1
31	16.5	27.5	22.0	68.3	.3	0.0	.3	7.7
TOTAL PROMEDIO	17.0	26.9	21.3	68.9	8.8	20.9	29.7	221.6

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.3	28.5	22.1	67.0	0.0	0.0	0.0	10.0
2	16.5	28.2	20.9	70.7	3.7	6.7	10.4	6.7
3	14.5	20.0	17.6	83.3	.2	0.0	.2	.4
4	15.5	26.2	19.4	71.3	0.0	0.0	0.0	6.6
5	16.5	26.5	21.5	63.3	0.0	0.0	0.0	7.0
6	17.5	29.0	22.0	62.7	.2	0.0	.2	8.3
7	16.8	26.9	21.8	66.3	.1	0.0	.1	6.3
8	17.0	24.2	19.8	75.3	.1	0.0	.1	5.6
9	16.5	27.6	22.2	62.0	0.0	0.0	0.0	9.3
10	17.5	28.6	22.3	63.7	0.0	0.0	0.0	8.1
11	18.0	28.5	22.5	68.0	.7	0.0	.7	6.1
12	18.2	26.6	21.8	68.0	0.0	.8	.8	4.3
13	17.0	28.0	22.7	62.3	0.0	0.0	0.0	8.5
14	18.0	27.4	22.5	68.7	0.0	0.0	0.0	6.0
15	17.9	27.2	22.0	71.3	.1	1.8	1.9	5.5
16	17.2	24.8	20.6	74.3	.5	0.0	.5	1.7
17	17.5	28.0	22.6	62.7	0.0	0.0	0.0	7.9
18	18.0	27.0	20.8	73.3	2.9	0.0	2.9	5.2
19	16.5	26.0	20.7	75.0	1.3	0.0	1.3	6.4
20	16.4	27.5	20.3	68.7	5.5	0.0	5.5	8.7
21	16.5	23.0	19.6	76.0	0.0	0.0	0.0	9.9
22	16.0	29.0	22.7	62.0	0.0	0.0	0.0	9.4
23	17.6	29.7	23.6	62.3	0.0	0.0	0.0	9.8
24	19.2	30.0	23.5	55.7	0.0	0.0	0.0	7.0
25	18.0	30.2	24.5	51.0	0.0	0.0	0.0	9.5
26	19.8	25.0	21.8	73.7	0.0	.6	.6	.2
27	18.3	29.4	23.7	59.3	0.0	0.0	0.0	8.9
28	19.5	26.2	22.6	67.3	0.0	0.0	0.0	.7
29								
30								
31								
TOTAL PROMEDIO	17.3	27.1	21.7	67.3	15.3	9.9	25.2	175.0

ESTACION: EL ROSARIO

DPTO: ANTIOQUIA

LATITUD : 05° 58'N

LONGITUD: 75° 43'W

AÑO: 1991

MPIO: VENEZIA

ALTITUD : 1600 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.5	27.8	21.2	73.0	.7	26.3	27.0	5.2
2	17.0	26.0	20.3	77.7	0.0	2.7	2.7	3.6
3	16.0	25.5	19.7	79.7	10.8	.8	11.6	5.6
4	15.8	26.7	20.7	69.7	0.0	6.6	6.6	6.4
5	16.2	24.0	19.6	77.7	.5	0.0	.5	2.8
6	17.5	28.0	21.8	64.3	0.0	0.0	0.0	7.5
7	17.4	28.4	21.1	65.7	1.5	1.6	3.1	7.1
8	17.2	25.8	20.9	72.3	0.0	0.0	0.0	4.1
9	16.8	24.5	20.6	63.0	0.0	0.0	0.0	4.4
10	17.4	24.0	20.4	74.7	.5	0.0	.5	1.7
11	17.3	25.0	20.5	74.3	4.3	0.0	4.3	4.8
12	17.5	23.2	20.1	74.7	.2	0.0	.2	.2
13	17.4	26.5	21.4	68.3	3.6	0.0	3.6	4.2
14	18.0	25.0	18.9	82.7	3.4	.4	3.8	3.6
15	16.5	28.0	21.9	69.0	.7	.2	.9	7.4
16	18.5	26.6	20.8	75.3	19.3	7.9	27.2	3.2
17	17.5	27.5	22.2	70.7	0.0	0.0	0.0	6.6
18	16.5	28.0	22.2	62.3	0.0	0.0	0.0	9.9
19	17.0	27.5	22.6	59.0	0.0	0.0	0.0	9.4
20	17.1	27.4	22.0	57.0	0.0	0.0	0.0	7.8
21	16.5	28.4	23.2	56.7	0.0	0.0	0.0	8.8
22	17.0	28.0	22.3	65.7	1.4	2.1	3.5	6.5
23	18.6	28.2	21.9	67.0	1.1	0.0	1.1	6.1
24	16.3	27.8	20.5	73.3	13.1	6.9	20.0	7.4
25	15.6	24.7	20.0	79.0	0.0	19.0	19.0	3.2
26	15.8	20.0	17.7	89.7	.4	4.1	4.5	0.0
27	15.5	22.7	18.8	81.3	1.2	3.6	4.8	2.5
28	15.7	25.0	20.0	74.0	.2	0.0	.2	4.6
29	16.0	26.5	21.3	68.0	0.0	0.0	0.0	7.8
30	17.0	27.2	20.9	64.7	0.0	4.5	4.5	8.6
31	16.5	24.8	19.4	77.0	0.0	.3	.3	2.4
TOTAL PROMEDIO	16.9	26.1	20.8	71.2	62.9	87.0	149.9	163.4

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	23.5	18.8	81.3	0.0	5.2	5.2	2.4
2	14.5	22.5	19.0	74.7	0.0	0.0	0.0	1.3
3	15.7	27.0	22.0	57.7	0.0	0.0	0.0	10.8
4	17.5	26.0	20.4	75.3	.3	0.0	.3	4.5
5	17.4	27.0	21.0	75.7	6.0	0.0	6.0	7.1
6	17.5	24.0	20.2	76.7	1.1	0.0	1.1	1.9
7	18.0	27.4	21.4	69.0	9.1	0.0	9.1	6.3
8	17.6	23.2	20.2	82.0	1.1	13.9	15.0	1.5
9	15.5	24.2	19.5	75.0	.1	31.6	31.7	1.6
10	15.7	24.0	18.7	84.7	17.6	0.0	17.6	1.9
11	16.5	25.2	21.0	71.7	0.0	0.0	0.0	5.1
12	17.8	22.5	19.5	84.0	.9	0.0	.9	.4
13	16.5	23.5	19.6	76.3	0.0	0.0	0.0	1.7
14	17.0	25.0	20.5	76.3	.3	19.7	20.0	3.0
15	15.2	25.4	20.5	71.0	0.0	.2	.2	6.8
16	17.0	27.0	22.9	65.3	0.0	2.8	2.8	9.9
17	18.0	25.8	21.5	69.3	.1	0.0	.1	4.7
18	17.5	27.5	21.4	70.3	0.0	11.6	11.6	6.3
19	16.5	25.5	20.1	73.7	1.5	0.0	1.5	7.3
20	17.5	25.2	20.8	74.0	.1	.1	.2	6.0
21	17.0	26.2	21.9	70.0	0.0	0.0	0.0	6.6
22	17.5	26.5	20.9	74.3	.5	.2	.7	6.5
23	17.8	26.8	22.1	70.7	0.0	.6	.6	5.8
24	17.5	28.0	23.2	60.3	0.0	0.0	0.0	9.3
25	19.2	27.0	23.5	62.0	0.0	0.0	0.0	7.1
26	18.3	26.5	20.6	74.3	.4	0.0	.4	6.7
27	16.8	25.0	20.5	75.3	.1	0.0	.1	6.6
28	17.0	26.6	20.9	76.3	21.0	25.0	46.0	5.7
29	16.0	27.2	21.0	73.3	0.0	10.4	10.4	7.4
30	17.0	25.6	21.6	69.0	.3	9.8	10.1	4.6
31								
TOTAL PROMEDIO	17.0	25.6	20.8	73.0	60.5	131.1	191.6	156.8

ESTACION: EL ROSARIO

DPTO: ANTIOQUIA

LATITUD : 05° 58'N

AÑO: 1991

MPIO: VENEZIA

LONGITUD: 75° 43'W

ALTITUD : 1600 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.5	25.0	20.6	69.3	1.5	.2	1.7	5.8
2	17.5	27.5	21.4	77.7	1.0	.1	1.1	6.8
3	17.4	21.8	19.8	80.3	.7	0.0	.7	0.0
4	18.0	25.0	21.0	72.7	0.0	33.5	33.5	5.4
5	17.0	23.5	20.0	78.7	3.1	0.0	3.1	0.0
6	17.5	27.5	22.8	72.0	0.0	0.0	0.0	8.5
7	17.8	24.6	21.1	77.3	.3	0.0	.3	3.7
8	17.5	27.5	22.5	66.3	0.0	0.0	0.0	8.1
9	18.4	26.9	22.7	71.0	0.0	0.0	0.0	6.8
10	17.5	26.3	20.7	78.3	14.6	2.8	17.4	5.4
11	17.2	25.5	20.4	75.0	16.2	0.0	16.2	6.5
12	17.6	23.5	19.5	82.3	15.1	4.2	19.3	3.3
13	17.0	26.5	22.3	75.3	0.0	0.0	0.0	7.3
14	18.2	25.0	21.8	74.3	0.0	0.0	0.0	1.7
15	18.0	25.8	22.8	69.7	0.0	0.0	0.0	7.3
16	17.5	25.0	20.0	82.7	22.3	11.0	33.3	4.9
17	17.0	20.5	18.0	87.3	34.0	.5	34.5	.1
18	16.0	22.6	18.8	85.7	13.7	0.0	13.7	1.2
19	17.0	23.0	19.1	82.3	17.2	10.7	27.9	1.3
20	16.5	21.6	18.1	91.7	5.4	29.8	35.2	2.0
21	16.0	21.7	18.5	84.0	21.1	5.9	27.0	.5
22	15.5	21.2	18.2	82.0	.5	.7	1.2	.3
23	16.5	25.7	19.8	72.3	9.5	7.0	16.5	5.7
24	16.0	24.0	19.6	79.7	0.0	0.0	0.0	3.2
25	16.5	25.2	21.3	67.0	0.0	0.0	0.0	7.5
26	17.5	26.8	22.0	70.3	0.0	0.0	0.0	7.8
27	16.5	25.5	20.5	72.0	0.0	0.0	0.0	6.7
28	17.6	27.7	22.6	66.7	0.0	0.0	0.0	7.1
29	17.4	27.5	22.5	69.7	0.0	4.2	4.2	8.5
30	17.2	24.1	20.5	77.3	0.0	.3	.3	4.4
31	17.5	23.5	19.9	81.0	0.0	0.0	0.0	2.9
TOTAL					176.2	110.9	287.1	140.7
PROMEDIO	17.1	24.8	20.6	76.5				

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	24.3	20.2	81.7	6.3	.8	7.1	2.2
2	17.4	25.0	21.4	78.3	.4	5.2	5.6	5.2
3	17.6	25.9	21.9	75.7	0.0	1.7	1.7	5.1
4	15.1	27.0	21.1	76.0	43.0	29.1	72.1	6.6
5	16.0	23.5	19.7	86.3	0.0	0.0	0.0	2.8
6	17.2	25.2	20.1	82.0	1.2	0.0	1.2	8.6
7	16.5	27.4	23.2	63.0	0.0	0.0	0.0	10.4
8	18.4	26.9	23.4	70.0	0.0	0.0	0.0	9.1
9	18.3	27.5	23.1	64.7	0.0	0.0	0.0	9.7
10	18.6	27.6	22.9	70.0	0.0	0.0	0.0	9.9
11	18.2	27.8	24.2	60.0	0.0	0.0	0.0	9.5
12	18.3	27.3	23.4	65.0	0.0	0.0	0.0	7.9
13	18.5	28.0	22.0	59.7	0.0	0.0	0.0	8.3
14	17.5	24.5	21.0	81.7	0.0	0.0	0.0	2.7
15	16.5	25.7	20.7	77.0	3.5	7.5	11.0	7.6
16	16.8	24.5	20.2	77.7	0.0	2.6	2.6	3.4
17	17.5	24.1	19.2	85.3	12.6	.1	12.7	2.4
18	17.0	25.0	20.8	77.7	0.0	0.0	0.0	2.3
19	17.8	23.8	21.1	80.3	0.0	0.0	0.0	.8
20	17.5	25.9	21.3	77.7	0.0	28.3	28.3	6.9
21	16.0	23.5	19.8	80.0	.3	0.0	.3	5.9
22	16.7	26.0	22.0	72.3	0.0	15.5	15.5	9.4
23	16.8	23.2	20.3	82.3	0.0	2.3	2.3	3.9
24	17.8	24.2	19.6	76.7	12.6	6.0	18.6	5.8
25	16.2	25.2	19.1	79.7	3.1	6.1	9.2	6.8
26	15.6	24.0	19.6	83.3	0.0	5.2	5.2	5.2
27	16.3	22.5	19.6	84.0	.5	10.6	11.1	1.5
28	16.4	24.7	20.7	75.7	0.0	0.0	0.0	7.6
29	17.4	21.0	18.4	84.3	1.5	0.0	1.5	2.4
30	15.0	23.3	18.7	83.7	1.4	0.0	1.4	6.0
31								
TOTAL					86.4	121.0	207.4	175.9
PROMEDIO	17.1	25.2	20.9	76.4				

ESTACION: EL ROSARIO

DPTO: ANTIOQUIA

LATITUD : 05° 58'N

AÑO: 1991

MPIO: VENEZIA

LONGITUD : 75° 43'W
ALTITUD : 1600 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	25.2	20.7	76.0	0.0	.1	.1	7.2
2	17.0	26.4	22.4	66.7	0.0	0.0	0.0	8.7
3	17.4	24.7	21.3	65.7	0.0	.1	.1	6.4
4	13.0	24.9	18.9	77.3	36.8	0.0	36.8	4.5
5	15.8	24.5	19.5	80.3	.6	18.5	19.1	5.1
6	15.5	24.4	20.0	78.7	0.0	11.9	11.9	7.2
7	15.9	24.8	20.2	75.0	6.7	0.0	6.7	6.2
8	16.0	25.6	21.0	74.0	0.0	6.1	6.1	10.4
9	16.5	22.0	19.2	76.7	0.0	0.0	0.0	.2
10	17.0	26.0	22.3	65.0	.3	0.0	.3	8.7
11	17.5	26.9	22.2	58.0	0.0	0.0	0.0	7.5
12	18.0	25.5	21.4	63.3	0.0	0.0	0.0	9.4
13	17.9	26.2	21.6	63.7	0.0	0.0	0.0	7.7
14	17.0	27.9	23.2	60.0	0.0	0.0	0.0	10.9
15	18.0	27.0	23.1	62.0	0.0	0.0	0.0	9.6
16	18.3	27.7	23.0	58.0	0.0	0.0	0.0	8.9
17	17.0	27.0	22.6	61.3	0.0	0.0	0.0	9.1
18	17.6	26.6	22.6	67.3	0.0	0.0	0.0	8.3
19	16.5	28.2	23.6	58.0	0.0	0.0	0.0	10.3
20	18.5	27.5	23.2	58.0	0.0	0.0	0.0	6.7
21	17.4	26.8	22.6	70.0	0.0	0.0	0.0	7.4
22	17.5	27.7	23.4	59.0	0.0	0.0	0.0	9.9
23	18.0	28.3	23.7	60.0	0.0	0.0	0.0	9.4
24	18.1	25.0	20.9	78.0	0.0	0.0	0.0	.7
25	17.0	27.2	23.1	60.3	0.0	0.0	0.0	8.1
26	17.5	27.3	22.8	56.3	0.0	0.0	0.0	6.4
27	18.5	26.8	22.6	65.3	0.0	0.0	0.0	6.7
28	18.4	27.5	22.1	69.0	0.0	0.0	0.0	7.2
29	17.4	26.2	21.4	71.7	0.0	5.1	5.1	5.9
30	16.5	25.7	19.8	78.3	1.7	37.4	39.1	1.9
31	15.2	21.2	17.8	86.0	6.8	11.8	18.6	.4
TOTAL PROMEDIO	17.0	26.1	21.7	67.7	52.9	91.0	143.9	217.0

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	21.3	17.9	87.7	0.0	0.0	0.0	.6
2	16.0	26.0	22.0	63.7	0.0	3.6	3.6	8.2
3	16.5	24.8	20.2	78.3	0.0	0.0	0.0	5.6
4	16.4	26.2	21.5	67.3	0.0	0.0	0.0	10.5
5	17.2	24.8	20.3	75.7	0.0	.2	.2	4.1
6	16.5	25.5	21.1	72.3	0.0	.3	.3	6.2
7	17.5	26.5	22.1	65.0	0.0	9.8	9.8	8.3
8	16.0	24.9	20.5	77.3	0.0	47.6	47.6	7.0
9	15.0	23.6	18.9	81.3	5.3	38.8	44.1	5.4
10	14.5	24.2	20.2	71.7	0.0	0.0	0.0	3.1
11	16.0	26.6	21.9	64.0	0.0	0.0	0.0	10.0
12	18.0	26.2	21.7	60.3	0.0	0.0	0.0	4.9
13	17.4	27.0	22.3	53.3	0.0	0.0	0.0	9.8
14	18.0	27.8	22.7	53.0	0.0	0.0	0.0	10.2
15	17.8	28.0	23.3	50.3	0.0	0.0	0.0	9.8
16	18.2	27.0	23.1	52.7	0.0	0.0	0.0	8.9
17	18.0	26.5	22.3	64.0	0.0	0.0	0.0	6.8
18	17.0	25.7	20.1	78.0	1.0	.1	1.1	7.2
19	16.6	26.3	21.2	70.7	0.0	.3	.3	8.9
20	17.5	26.0	22.3	64.7	0.0	0.0	0.0	9.9
21	17.6	25.8	22.2	64.7	.4	0.0	.4	8.7
22	17.3	26.6	21.7	67.7	0.0	0.0	0.0	7.9
23	17.2	26.8	22.6	52.3	0.0	0.0	0.0	7.4
24	18.5	27.6	23.4	50.0	0.0	0.0	0.0	9.4
25	17.3	27.7	23.0	54.3	0.0	0.0	0.0	9.2
26	17.0	27.6	23.5	53.3	0.0	0.0	0.0	10.8
27	18.2	28.2	22.8	60.3	0.0	0.0	0.0	6.6
28	18.1	28.0	23.0	57.3	0.0	0.0	0.0	9.8
29	17.5	27.9	23.9	45.0	0.0	0.0	0.0	10.3
30	17.0	25.6	22.3	53.3	0.0	0.0	0.0	5.5
31	18.0	27.3	22.7	61.0	0.0	0.0	0.0	8.6
TOTAL PROMEDIO	17.1	26.3	21.8	63.6	6.7	100.7	107.4	239.6

ESTACION: EL ROSARIO

DPTO: ANTIOQUIA

LATITUD : 05° 58'N

AÑO: 1991

MPIO: VENEZIA

LONGITUD: 75° 43'W

ALTITUD : 1600 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	25.1	21.8	64.3	0.0	0.0	0.0	4.6
2	18.0	29.5	22.3	58.3	3.9	0.0	3.9	10.2
3	17.8	26.2	20.9	65.7	.1	0.0	.1	2.7
4	17.5	28.3	22.5	67.0	0.0	0.0	0.0	8.1
5	17.9	28.5	23.3	60.7	0.0	0.0	0.0	8.9
6	18.4	23.4	21.1	74.7	0.0	1.6	1.6	.1
7	17.1	27.2	22.5	67.7	.1	0.0	.1	7.3
8	17.8	29.0	23.9	59.0	0.0	0.0	0.0	8.2
9	19.4	29.5	24.6	57.0	0.0	0.0	0.0	9.0
10	18.8	29.3	23.8	54.7	0.0	0.0	0.0	7.1
11	18.5	28.5	23.1	41.3	0.0	0.0	0.0	9.3
12	18.0	29.0	23.8	42.3	0.0	0.0	0.0	8.9
13	17.6	28.3	23.1	52.7	0.0	0.0	0.0	7.7
14	17.5	27.8	21.6	68.3	3.5	18.4	21.9	5.2
15	16.0	22.7	19.0	81.7	0.0	10.1	10.1	1.9
16	15.8	21.0	18.2	87.3	1.0	4.1	5.1	.3
17	15.4	24.2	19.9	73.3	0.0	0.0	0.0	2.9
18	16.5	24.4	20.3	76.0	0.0	5.3	5.3	3.9
19	16.3	25.2	21.0	77.3	4.2	21.5	25.7	4.5
20	15.3	23.4	18.9	76.3	1.8	.4	2.2	2.7
21	16.0	23.0	19.0	84.7	.2	0.0	.2	2.5
22	16.8	24.4	19.0	84.3	.5	4.5	5.0	2.6
23	16.0	25.6	20.5	70.7	0.0	3.0	3.0	4.9
24	16.8	22.6	18.6	87.7	6.1	0.0	6.1	.6
25	16.2	23.2	19.4	84.0	4.9	24.8	29.7	1.0
26	15.8	25.0	20.4	72.3	.3	0.0	.3	5.4
27	15.5	23.9	19.8	88.0	0.0	0.0	0.0	5.6
28	16.8	24.0	20.4	77.7	0.0	21.1	21.1	5.7
29	15.6	24.4	19.9	80.7	0.0	0.0	0.0	4.7
30	17.0	25.5	20.1	76.7	.2	.8	1.0	5.5
31								
TOTAL PROMEDIO	17.0	25.7	21.1	70.4	26.8	115.6	142.4	152.0

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	24.9	19.8	80.3	.1	.2	.3	4.3
2	16.1	25.0	20.3	74.7	0.0	20.2	20.2	5.3
3	14.8	24.8	19.5	73.7	0.0	0.0	0.0	5.7
4	16.2	25.7	20.6	72.3	.1	0.0	.1	7.3
5	17.0	26.5	21.0	71.7	0.0	.1	.1	6.1
6	14.8	25.5	20.6	70.0	0.0	21.0	21.0	8.6
7	15.0	24.4	19.7	77.0	0.0	2.4	2.4	6.8
8	16.0	23.4	19.4	80.0	5.2	19.4	24.6	4.9
9	15.4	22.6	18.7	86.7	.1	27.0	27.1	3.1
10	14.5	20.5	17.7	84.3	5.2	0.0	5.2	.1
11	16.0	22.8	18.2	79.3	9.2	2.4	11.6	2.5
12	15.0	24.5	19.0	74.0	8.7	4.0	12.7	8.0
13	14.0	24.7	17.9	79.7	73.1	1.8	74.9	6.2
14	15.0	24.5	20.1	71.0	0.0	0.0	0.0	6.2
15	16.0	25.0	20.2	73.3	0.0	0.0	0.0	7.1
16	16.5	26.0	20.7	66.3	0.0	2.0	2.0	8.0
17	16.0	24.8	20.5	74.3	0.0	37.3	37.3	6.2
18	14.8	19.5	17.1	89.7	0.0	0.0	0.0	0.0
19	15.0	24.9	19.6	73.0	0.0	0.0	0.0	8.6
20	16.0	26.5	21.7	59.3	0.0	0.0	0.0	10.4
21	16.1	27.1	22.2	54.0	0.0	0.0	0.0	10.7
22	17.0	26.8	21.9	59.7	0.0	0.0	0.0	9.6
23	17.6	28.0	22.4	62.0	0.0	0.0	0.0	8.9
24	17.4	24.2	21.0	74.0	0.0	0.0	0.0	3.1
25	17.5	24.5	19.8	79.3	1.1	.8	1.9	2.7
26	15.6	25.2	19.5	78.0	1.0	1.1	2.1	5.9
27	16.0	21.5	18.4	82.0	19.6	0.0	19.6	1.0
28	14.9	24.2	19.1	73.0	16.2	0.0	16.2	5.6
29	15.6	25.2	19.9	74.3	.1	17.9	18.0	6.8
30	15.5	24.4	19.5	75.0	4.8	0.0	4.8	4.3
31	16.6	25.5	19.3	74.7	12.9	.4	13.3	5.1
TOTAL PROMEDIO	15.8	24.6	19.8	74.1	157.4	158.0	315.4	179.1

ESTACION: EL ROSARIO

DPTO: ANTIOQUIA

LATITUD : 05° 58'N

AÑO: 1991

MPIO: VENEZIA

LONGITUD: 75° 43'W

ALTITUD : 1600 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	24.0	19.4	77.0	1.1	29.2	30.3	1.9
2	15.5	23.8	19.4	78.3	0.0	40.2	40.2	5.2
3	15.6	23.0	19.2	80.0	0.0	3.3	3.3	4.4
4	16.5	22.4	18.6	87.7	.5	2.9	3.4	1.5
5	15.6	25.2	19.6	74.7	0.0	20.1	20.1	6.1
6	16.0	25.5	19.3	77.7	12.8	.2	13.0	6.7
7	16.5	22.0	18.8	82.0	3.3	11.2	14.5	.7
8	15.6	20.4	17.9	86.7	10.3	.1	10.4	.4
9	15.4	20.5	18.3	87.0	.5	3.9	4.4	.5
10	15.2	23.0	18.7	81.3	0.0	0.0	0.0	2.5
11	15.4	24.6	19.7	75.7	10.3	0.0	10.3	6.5
12	16.0	25.4	21.1	69.7	0.0	0.0	0.0	8.9
13	17.0	23.0	19.3	81.7	0.0	0.0	0.0	.7
14	16.4	24.0	18.9	82.0	.3	0.0	.3	1.8
15	15.4	23.0	18.4	82.7	2.5	.7	3.2	2.8
16	15.6	24.5	19.0	80.7	0.0	9.0	9.0	4.2
17	15.0	25.0	18.9	79.7	11.2	.1	11.3	7.3
18	16.0	24.9	19.3	74.3	0.0	0.0	0.0	7.9
19	16.5	23.4	19.9	78.7	0.0	0.0	0.0	.8
20	16.6	23.2	19.7	78.3	1.9	0.0	1.9	3.3
21	16.3	23.6	19.5	73.7	.9	0.0	.9	3.1
22	16.2	25.4	20.6	80.0	.3	29.7	30.0	7.0
23	16.5	23.7	20.4	76.7	14.7	1.9	16.6	4.1
24	17.0	24.4	20.5	83.0	0.0	8.7	8.7	3.2
25	16.7	20.6	18.5	92.0	0.0	0.0	0.0	0.0
26	16.2	22.8	19.9	81.7	3.0	0.0	3.0	2.2
27	17.4	23.8	20.7	83.0	0.0	0.0	0.0	2.4
28	17.0	24.6	20.9	78.0	0.0	39.9	39.9	5.9
29	15.3	20.4	17.5	91.0	1.4	0.0	1.4	.2
30	16.5	24.5	20.5	82.0	.3	0.0	.3	4.8
31								
TOTAL PROMEDIO	16.1	23.5	19.4	80.6	75.3	201.1	276.4	107.0

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	25.4	21.1	72.0	.4	.2	.6	7.3
2	17.0	23.6	19.1	79.3	17.3	2.2	19.5	4.0
3	16.0	24.4	19.8	81.3	.6	0.0	.6	5.2
4	17.0	23.8	19.7	77.3	3.3	0.0	3.3	6.1
5	16.8	23.9	18.8	83.7	0.0	0.0	0.0	1.6
6	16.0	25.6	20.6	77.3	0.0	0.0	0.0	7.1
7	17.5	26.6	21.7	76.3	0.0	0.0	0.0	7.4
8	18.0	25.7	21.9	73.7	0.0	.3	.3	5.4
9	17.4	19.4	18.2	91.3	10.6	11.3	21.9	0.0
10	16.5	24.2	19.7	82.0	1.6	.1	1.7	3.7
11	16.6	25.2	18.9	82.0	58.3	35.2	93.5	7.6
12	17.0	26.4	20.9	78.3	.3	3.3	3.6	7.0
13	16.0	23.8	20.0	77.0	0.0	0.0	0.0	3.4
14	17.2	21.5	18.6	91.0	.6	0.0	.6	.5
15	16.0	20.2	18.1	84.7	4.2	8.6	12.8	.4
16	15.0	20.4	17.9	89.0	.1	2.9	3.0	.2
17	16.0	19.5	17.4	91.0	0.0	0.0	0.0	0.0
18	15.9	23.0	19.5	79.3	0.0	0.0	0.0	3.1
19	16.0	25.2	20.5	73.0	0.0	0.0	0.0	8.6
20	16.8	25.1	20.8	69.3	0.0	0.0	0.0	7.4
21	17.1	26.0	20.8	69.0	0.0	0.0	0.0	8.9
22	16.0	20.6	18.4	80.7	0.0	0.0	0.0	.3
23	15.9	24.5	20.3	74.7	0.0	0.0	0.0	6.8
24	16.0	25.8	20.3	68.0	0.0	0.0	0.0	8.9
25	16.4	24.7	19.9	72.3	0.0	0.0	0.0	3.1
26	16.0	25.0	20.2	73.3	0.0	0.0	0.0	5.6
27	16.8	27.0	21.3	70.0	0.0	.1	.1	7.8
28	17.4	24.4	20.0	79.3	0.0	0.0	0.0	3.0
29	16.5	22.4	19.3	81.3	0.0	0.0	0.0	1.0
30	16.6	25.0	20.6	72.0	0.0	0.0	0.0	6.0
31	16.5	26.0	21.9	64.7	0.0	0.0	0.0	7.9
TOTAL PROMEDIO	16.5	24.0	19.9	77.9	97.3	64.2	161.5	145.3

Estación: EL ROSARIO

Dpto.: ANTIOQUIA

Latitud : 05° 58'N

Año: 1991

Mpio.: VENEZIA

Longitud: 75° 43'W

Altitud : 1600 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	17.0	26.9	21.3	16.0	29.9	68.9	29.7	12	221.6
FEBRERO	17.3	27.1	21.7	14.5	30.2	67.3	25.2	13	175.0
MARZO	16.9	26.1	20.8	15.5	28.4	71.2	149.9	22	163.4
ABRIL	17.0	25.6	20.8	14.5	28.0	73.0	191.6	23	156.8
MAYO	17.1	24.8	20.6	15.5	27.7	76.5	287.1	19	140.7
JUNIO	17.1	25.2	20.9	15.0	28.0	76.4	207.4	18	175.9
JULIO	17.0	26.1	21.7	13.0	28.3	67.7	143.9	11	217.0
AGOSTO	17.1	26.3	21.8	14.5	28.2	63.6	107.4	9	239.6
SEPTIEMBRE	17.0	25.7	21.1	15.3	29.5	70.4	142.4	18	152.0
OCTUBRE	15.8	24.6	19.8	14.0	28.0	74.1	315.4	21	179.1
NOVIEMBRE	16.1	23.5	19.4	15.0	25.5	80.6	276.4	23	107.0
DICIEMBRE	16.5	24.0	19.9	15.0	27.0	77.9	161.5	13	145.3
PROMEDIO	16.8	25.5	20.8			72.3			
ABSOLUTA				13.0	30.2				
TOTAL							2037.9	202	2073.4

ESTACION: MIGUEL VALENCIA

DPTO: ANTIOQUIA

LATITUD : 05° 36'N

LONGITUD: 75° 51'W

AÑO: 1991

MPIO: JARDIN

ALTITUD : 1570 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.1	25.4	18.8	77.0	0.0	18.3	18.3	3.7
2	14.5	27.0	19.0	78.7	0.0	0.0	0.0	8.2
3	16.9	27.1	20.2	80.0	0.0	0.0	0.0	3.7
4	16.8	28.0	19.9	79.0	0.0	0.0	0.0	4.0
5	14.8	27.5	20.2	75.7	0.0	0.0	0.0	5.5
6	16.0	25.2	19.2	78.0	0.0	0.0	0.0	3.4
7	16.2	26.3	20.6	72.3	0.0	0.0	0.0	6.4
8	16.5	27.4	20.0	77.0	0.0	0.0	0.0	4.4
9	15.1	27.1	19.7	79.3	2.5	0.0	2.5	6.4
10	14.5	29.1	20.7	74.7	0.0	0.0	0.0	7.8
11	15.8	26.8	20.1	78.3	1.8	4.7	6.5	2.8
12	15.6	24.2	19.3	83.7	0.0	5.4	5.4	2.8
13	14.8	27.8	19.7	78.3	.5	7.3	7.8	9.0
14	16.2	26.2	19.7	80.0	0.0	0.0	0.0	4.0
15	13.9	24.5	18.5	78.7	0.0	0.0	0.0	.5
16	13.2	27.5	19.3	75.3	0.0	0.0	0.0	1.6
17	15.0	26.2	20.0	79.3	0.0	0.0	0.0	1.3
18	16.2	28.2	20.6	75.0	0.0	0.0	0.0	6.5
19	16.1	28.0	20.0	73.7	0.0	11.2	11.2	6.5
20	16.7	26.2	19.6	80.3	8.0	0.0	8.0	3.4
21	15.9	28.2	20.1	72.3	0.0	0.0	0.0	8.7
22	15.0	28.4	19.5	76.0	0.0	0.0	0.0	8.5
23	13.6	28.0	18.8	72.7	0.0	0.0	0.0	8.5
24	12.0	27.6	18.5	75.0	0.0	0.0	0.0	7.6
25	12.2	28.2	18.9	74.3	0.0	0.0	0.0	8.7
26	11.8	28.3	19.3	72.0	0.0	0.0	0.0	7.3
27	12.4	24.4	18.1	81.3	0.0	0.0	0.0	2.2
28	13.0	30.1	19.6	74.7	0.0	0.0	0.0	7.6
29	13.1	30.2	20.1	71.3	0.0	0.0	0.0	9.0
30	13.5	27.8	20.5	77.7	0.0	0.0	0.0	2.7
31	15.0	29.1	19.2	75.0	0.0	0.0	0.0	7.4
TOTAL PROMEDIO	14.8	27.3	19.6	76.7	12.8	46.9	59.7	170.1

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	28.9	20.2	73.7	0.0	0.0	0.0	8.4
2	15.2	28.8	21.0	73.3	0.0	11.1	11.1	7.6
3	14.8	22.9	17.9	83.3	.2	0.0	.2	.6
4	11.8	27.4	19.0	75.0	0.0	0.0	0.0	7.7
5	15.1	26.5	20.6	70.3	0.0	0.0	0.0	5.1
6	16.0	29.0	20.9	73.7	0.0	0.0	0.0	6.9
7	13.5	27.4	19.7	75.0	0.0	0.0	0.0	5.7
8	14.8	25.2	19.4	76.3	0.0	0.0	0.0	3.1
9	15.0	27.8	20.2	73.0	0.0	0.0	0.0	5.3
10	14.8	28.1	20.1	77.0	0.0	0.0	0.0	5.0
11	14.5	28.8	21.0	74.7	0.0	.8	.8	5.3
12	15.9	26.9	20.2	77.0	0.0	0.0	0.0	2.9
13	15.5	28.2	20.7	75.7	0.0	0.0	0.0	4.8
14	14.8	28.3	20.6	76.3	0.0	5.3	5.3	6.1
15	14.7	28.0	20.3	81.0	3.4	11.3	14.7	5.4
16	17.0	25.0	18.4	86.3	1.3	0.0	1.3	1.0
17	14.0	28.2	19.8	78.3	3.0	0.0	3.0	6.2
18	16.0	28.1	20.1	77.7	8.1	0.0	8.1	5.0
19	15.7	24.6	20.8	73.7	0.0	0.0	0.0	2.3
20	17.0	29.3	20.8	73.0	2.4	.1	2.5	7.3
21	15.5	24.2	18.7	84.3	.1	0.0	.1	.8
22	14.0	28.8	21.0	74.0	0.0	1.2	1.2	6.8
23	15.8	25.0	20.5	77.0	0.0	0.0	0.0	2.7
24	14.0	28.2	20.3	73.3	0.0	0.0	0.0	5.6
25	13.1	29.8	19.9	71.7	0.0	0.0	0.0	
26	15.5	24.9	19.7	79.7	0.0	0.0	0.0	.1
27	15.0	28.8	20.7	73.7	0.0	0.0	0.0	5.4
28	16.6	26.0	20.8	75.7	0.0	0.0	0.0	3.8
29								
30								
31								
TOTAL PROMEDIO	15.0	27.3	20.1	76.2	18.5	29.8	48.3	

ESTACION: MIGUEL VALENCIA

DPTO: ANTIOQUIA

LATITUD : 05° 36'N

AÑO: 1991

MPIO: JARDIN

LONGITUD: 75° 51'W

ALTITUD : 1570 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	27.8	19.7	75.7	.6	2.9	3.5	4.6
2	16.8	27.0	20.7	79.7	0.0	19.7	19.7	2.9
3	13.0	28.2	19.0	77.0	3.3	0.0	3.3	6.0
4	14.0	28.1	19.1	78.3	20.2	8.9	29.1	6.5
5	15.2	25.7	19.2	78.3	1.6	.5	2.1	3.2
6	16.9	28.4	21.2	75.3	0.0	.1	.1	6.1
7	16.5	27.0	19.9	77.7	0.0	2.6	2.6	2.0
8	16.4	27.3	20.6	75.7	.3	4.8	5.1	5.2
9	15.3	26.4	19.5	77.3	0.0	.8	.8	3.1
10	16.0	24.4	19.3	91.0	1.6	0.0	1.6	.3
11	15.9	26.0	19.7	79.7	4.5	1.4	5.9	1.9
12	17.0	25.0	19.5	83.7	4.1	1.1	5.2	.3
13	16.2	27.8	19.6	78.3	32.6	3.7	36.3	5.0
14	16.0	24.9	18.1	92.7	1.7	1.0	2.7	2.5
15	14.0	28.2	20.7	77.0	0.0	1.0	1.0	6.3
16	17.4	26.0	19.9	81.0	5.2	0.0	5.2	3.8
17	15.5	27.2	20.5	78.7	0.0	0.0	0.0	6.3
18	15.7	28.5	20.7	70.0	0.0	0.0	0.0	3.0
19	13.5	28.6	20.1	74.7	0.0	0.0	0.0	9.4
20	14.8	28.9	20.1	72.3	0.0	0.0	0.0	8.9
21	12.6	29.1	19.9	70.3	0.0	0.0	0.0	9.3
22	14.0	27.9	20.8	73.7	0.0	.1	.1	8.8
23	16.2	28.8	21.5	76.0	2.2	23.2	25.4	5.6
24	15.9	26.0	20.7	76.0	0.0	.1	.1	5.7
25	16.9	25.2	19.4	80.0	2.5	12.8	15.3	3.8
26	16.0	20.6	17.8	88.3	.7	.7	1.4	1.8
27	15.9	25.5	19.4	80.3	10.0	5.6	15.6	.2
28	16.1	25.7	19.5	80.3	2.3	0.0	2.3	1.6
29	13.0	27.4	19.6	76.7	0.0	0.0	0.0	6.9
30	15.4	25.1	18.6	82.7	4.0	5.3	9.3	4.3
31	13.5	25.0	18.5	79.0	1.1	7.7	8.8	2.9
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	15.4	26.7	19.7	78.6	98.5	104.0	202.5	138.2

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	23.8	18.5	79.7	.4	7.5	7.9	2.0
2	14.9	25.0	18.2	79.3	.4	0.0	.4	5.6
3	15.5	28.2	21.1	68.0	0.0	0.0	0.0	10.2
4	15.8	25.4	19.7	77.0	0.0	0.0	0.0	3.7
5	15.6	28.4	19.8	76.7	11.6	4.1	15.7	6.0
6	15.9	27.8	20.5	78.0	0.0	0.0	0.0	4.6
7	16.7	28.6	20.0	79.0	17.1	.3	17.4	5.2
8	15.4	25.0	18.4	82.7	6.4	1.3	7.7	1.6
9	15.7	25.1	19.0	78.7	.2	2.6	2.8	1.8
10	15.8	24.9	18.8	83.3	6.7	0.0	6.7	1.4
11	16.0	26.2	19.5	85.7	12.6	0.0	12.6	4.0
12	15.8	24.1	19.0	80.0	0.0	0.0	0.0	0.0
13	15.7	24.0	18.2	87.0	2.3	.6	2.9	3.0
14	15.8	26.4	19.8	81.7	11.5	7.4	18.9	4.3
15	15.1	27.1	19.6	80.7	0.0	1.2	1.2	7.7
16	13.8	28.2	20.0	77.0	0.0	0.0	0.0	9.0
17	16.7	27.1	20.3	77.3	0.0	0.0	0.0	4.5
18	16.0	27.8	20.5	76.0	0.0	0.0	0.0	6.6
19	16.2	26.2	20.8	76.0	0.0	.8	.8	4.2
20	17.5	27.2	19.0	81.7	11.9	0.0	11.9	3.0
21	14.8	28.5	18.7	80.3	12.1	0.0	12.1	6.2
22	15.0	23.7	19.0	87.7	4.8	0.0	4.8	.8
23	17.4	27.1	20.4	79.0	15.9	.7	16.6	5.1
24	16.0	28.6	20.2	77.7	0.0	0.0	0.0	6.8
25	15.4	28.0	21.0	71.7	0.0	0.0	0.0	4.8
26	15.0	28.9	20.7	74.7	1.0	1.6	2.6	5.1
27	14.8	26.4	20.3	77.3	0.0	1.9	1.9	4.5
28	16.0	25.2	19.2	81.0	0.0	11.0	11.0	4.7
29	15.9	29.1	20.8	78.7	0.0	11.0	11.0	2.4
30	14.9	28.3	20.3	75.7	0.0	0.0	0.0	
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	15.7	26.7	19.7	79.0	114.9	52.0	166.9	

ESTACION: MIGUEL VALENCIA

DPTO: ANTIOQUIA

LATITUD : 05° 36'N

AÑO: 1991

MPIO: JARDIN

LONGITUD: 75° 51'W
ALTITUD : 1570 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	27.0	19.6	79.0	0.0	21.0	21.0	
2	16.3	28.2	21.0	79.3	0.0	4.6	4.6	3.4
3	16.8	22.4	18.9	85.7	.3	0.0	.3	0.0
4	14.5	26.8	19.4	76.3	1.4	13.8	15.2	2.2
5	16.9	24.0	19.1	85.0	2.7	0.0	2.7	2.1
6	16.0	27.5	20.6	77.7	.2	0.0	.2	5.7
7	15.4	25.3	20.3	82.7	.7	0.0	.7	1.7
8	15.0	29.3	21.4	75.3	0.0	0.0	0.0	8.6
9	17.2	26.4	20.7	77.0	.3	0.0	.3	.8
10	15.8	27.1	19.4	77.0	12.1	13.9	26.0	4.8
11	16.1	26.2	20.6	78.3	0.0	0.0	0.0	5.6
12	16.0	24.4	18.3	86.3	7.8	1.6	9.4	2.1
13	15.9	28.2	20.8	76.7	0.0	.7	.7	7.2
14	16.2	26.1	20.8	79.0	0.0	0.0	0.0	.6
15	16.8	27.1	21.2	77.3	.6	.1	.7	3.6
16	16.7	26.0	20.7	79.3	.7	2.3	3.0	2.4
17	17.2	22.4	18.0	91.3	24.1	0.0	24.1	.5
18	15.0	23.0	18.6	82.0	4.4	5.6	10.0	.1
19	15.8	25.7	19.5	87.3	1.5	13.3	14.8	2.8
20	16.6	24.2	19.1	82.3	3.6	8.1	11.7	3.4
21	16.4	21.4	17.6	92.7	3.3	11.0	14.3	.1
22	15.0	24.1	18.8	83.0	1.2	0.0	1.2	1.2
23	16.0	26.2	20.3	78.7	3.6	6.2	9.8	4.7
24	15.9	25.4	18.7	82.7	8.3	0.0	8.3	2.7
25	14.8	27.8	19.6	78.3	.3	.3	.6	5.1
26	15.8	28.0	21.3	72.3	0.0	19.1	19.1	5.0
27	14.8	27.0	20.9	78.3	0.0	0.0	0.0	4.4
28	16.0	29.2	21.7	75.0	.2	3.8	4.0	7.6
29	14.9	27.8	20.6	75.7	0.0	2.9	2.9	5.4
30	16.8	23.4	19.6	80.0	0.0	.5	.5	.3
31	16.9	24.9	19.8	81.7	10.1	2.7	12.8	2.6
	=====	=====	=====	=====	=====	=====	=====	
TOTAL PROMEDIO	15.9	25.9	19.9	80.4	87.4	131.5	218.9	

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.9	25.8	20.0	83.3	3.6	0.0	3.6	3.0
2	16.0	27.5	20.0	87.3	1.6	14.5	16.1	4.0
3	16.7	28.0	20.5	76.3	0.0	1.8	1.8	3.5
4	16.2	28.2	20.6	77.0	21.3	4.2	25.5	6.2
5	16.4	25.0	19.3	80.3	1.6	.6	2.2	2.3
6	16.8	26.8	20.2	80.0	.2	0.0	.2	3.5
7	16.7	28.4	21.3	76.0	0.0	0.0	0.0	7.1
8	16.0	27.5	21.4	74.7	0.0	0.0	0.0	5.8
9	15.2	29.1	21.7	73.3	.1	0.0	.1	7.9
10	15.8	29.9	22.0	71.7	0.0	0.0	0.0	7.2
11	16.0	30.1	22.4	72.7	0.0	0.0	0.0	9.5
12	15.0	28.0	21.0	75.0	0.0	0.0	0.0	5.5
13	14.4	29.1	20.4	76.7	10.3	2.6	12.9	7.1
14	16.4	25.8	19.0	83.3	1.6	1.9	3.5	3.6
15	15.4	26.2	19.5	77.7	1.5	25.3	26.8	7.3
16	16.7	25.1	19.5	84.3	1.8	2.8	4.6	3.5
17	16.8	25.3	19.6	83.7	8.8	0.0	8.8	2.1
18	15.6	26.5	20.5	80.7	0.0	0.0	0.0	5.1
19	16.7	26.7	19.7	79.0	0.0	0.0	0.0	2.9
20	16.8	28.2	20.4	75.3	9.5	34.6	44.1	4.7
21	14.7	24.2	18.4	93.3	6.9	0.0	6.9	3.4
22	14.8	26.4	20.1	80.0	1.5	18.2	19.7	5.9
23	16.2	25.9	19.5	83.7	1.3	0.0	1.3	2.0
24	16.0	24.8	19.4	82.0	1.9	.3	2.2	2.3
25	15.2	26.0	19.3	85.0	15.0	24.6	39.6	4.4
26	15.8	26.2	19.6	82.0	0.0	25.4	25.4	5.5
27	14.6	25.2	19.2	85.0	1.2	19.1	20.3	5.1
28	15.1	25.1	19.1	81.3	0.0	0.0	0.0	4.2
29	14.4	23.2	18.1	88.7	8.2	.4	8.6	2.7
30	12.8	22.8	17.0	85.3	6.4	0.0	6.4	3.6
31								
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	15.7	26.6	19.9	80.5	104.3	176.3	280.6	140.9

ESTACION: MIGUEL VALENCIA

DPTO: ANTIOQUIA

LATITUD : 05° 36'N

AÑO: 1991

MPIO: JARDIN

LONGITUD: 75° 51'W

ALTITUD : 1570 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.0	25.4	19.1	83.3	.3	0.0	.3	3.4
2	14.8	27.8	20.3	76.3	0.0	0.0	0.0	6.7
3	15.4	26.8	20.3	76.3	0.0	.8	.8	4.3
4	16.9	25.3	19.3	83.3	12.9	.1	13.0	3.4
5	15.6	23.2	19.3	83.3	0.0	22.0	22.0	1.8
6	15.1	25.9	19.5	82.7	.1	12.2	12.3	7.6
7	16.0	27.1	20.3	83.0	.3	.4	.7	7.0
8	15.0	25.8	20.0	80.0	1.8	8.6	10.4	7.1
9	15.1	24.1	18.6	84.0	.2	0.0	.2	.8
10	13.2	26.0	19.3	79.3	0.0	0.0	0.0	5.9
11	13.9	27.1	19.3	76.3	0.0	0.0	0.0	6.5
12	13.8	26.8	20.3	74.3	0.0	0.0	0.0	7.1
13	14.9	27.0	19.7	72.3	0.0	0.0	0.0	6.8
14	13.4	28.9	20.8	71.3	0.0	0.0	0.0	8.9
15	14.1	26.4	19.6	79.3	.5	0.0	.5	5.0
16	15.1	28.0	21.2	72.0	0.0	0.0	0.0	4.0
17	14.0	28.9	20.8	74.0	0.0	.7	.7	9.0
18	15.5	27.5	20.8	78.0	0.0	0.0	0.0	6.4
19	15.8	28.2	20.7	74.3	0.0	0.0	0.0	8.4
20	14.0	27.0	20.3	73.7	0.0	.4	.4	3.0
21	16.0	28.0	20.6	77.3	0.0	0.0	0.0	4.4
22	14.9	27.8	20.7	74.7	0.0	0.0	0.0	7.3
23	13.0	28.4	20.7	75.0	0.0	0.0	0.0	7.0
24	14.6	25.4	19.2	80.3	1.3	0.0	1.3	0.0
25	14.8	26.3	20.4	74.7	0.0	0.0	0.0	6.4
26	12.5	28.2	20.5	67.3	0.0	0.0	0.0	5.9
27	14.8	26.4	19.7	76.0	0.0	0.0	0.0	3.7
28	14.2	27.3	20.5	78.3	1.3	0.0	1.3	4.7
29	15.0	24.9	19.3	82.0	2.7	0.0	2.7	3.2
30	14.8	23.9	18.4	87.0	14.5	16.1	30.6	.7
31	15.8	21.2	17.3	88.0	9.5	9.9	19.4	.2
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	14.7	26.5	19.9	78.0	45.4	71.2	116.6	156.6

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.4	22.4	17.5	87.3	.4	0.0	.4	0.0
2	13.7	27.4	20.0	76.3	0.0	2.2	2.2	8.9
3	16.0	26.0	19.4	78.7	.3	0.0	.3	6.1
4	13.0	27.0	19.2	78.7	0.0	3.0	3.0	7.1
5	16.0	26.2	19.8	79.3	.4	.3	.7	4.2
6	16.1	25.4	20.4	78.0	0.0	5.7	5.7	4.9
7	15.2	26.5	20.2	78.7	0.0	20.4	20.4	6.1
8	15.0	25.5	20.0	82.3	0.0	20.1	20.1	7.6
9	14.2	24.9	18.5	80.0	0.0	8.2	8.2	6.9
10	15.0	25.4	19.2	81.3	0.0	0.0	0.0	3.5
11	12.8	26.8	19.5	76.0	0.0	0.0	0.0	7.9
12	14.0	25.1	18.5	78.0	0.0	0.0	0.0	3.4
13	13.0	28.1	20.0	71.3	0.0	0.0	0.0	8.5
14	14.8	26.8	19.1	76.3	0.0	0.0	0.0	6.8
15	12.4	27.4	20.1	72.7	0.0	0.0	0.0	8.2
16	12.0	26.8	19.3	72.7	0.0	0.0	0.0	6.5
17	12.7	26.9	19.0	78.3	1.4	0.0	1.4	4.3
18	13.0	23.9	18.5	82.7	4.5	0.0	4.5	4.3
19	14.2	27.1	19.3	78.3	.7	0.0	.7	7.0
20	13.2	26.4	19.8	76.7	0.0	7.8	7.8	6.4
21	14.1	25.4	19.9	76.7	0.0	0.0	0.0	4.3
22	14.0	27.4	20.1	73.0	0.0	0.0	0.0	6.5
23	13.8	26.7	18.5	77.0	1.7	0.0	1.7	5.4
24	12.6	27.8	19.6	71.3	0.0	0.0	0.0	9.2
25	12.4	28.8	20.0	67.3	0.0	0.0	0.0	7.7
26	12.8	29.4	20.0	72.0	0.0	0.0	0.0	8.8
27	14.0	28.8	20.6	73.7	0.0	0.0	0.0	5.1
28	14.1	26.9	20.1	75.7	0.0	0.0	0.0	5.6
29	12.0	29.2	19.8	71.7	0.0	0.0	0.0	8.0
30	11.8	25.4	18.7	76.0	0.0	0.0	0.0	2.8
31	13.6	26.3	19.9	78.0	0.0	0.0	0.0	5.4
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	13.7	26.6	19.5	76.6	9.4	67.7	77.1	187.4

ESTACION: MIGUEL VALENCIA

DPTO: ANTIOQUIA

LATITUD : 05° 36'N

AÑO: 1991

MPIO: JARDIN

LONGITUD: 75° 51'W
ALTITUD : 1570 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	26.4	19.9	75.7	0.0	0.0	0.0	3.3
2	12.2	30.1	21.4	71.7	0.0	0.0	0.0	8.5
3	15.7	26.2	19.2	76.7	.4	0.0	.4	.4
4	13.9	29.2	20.2	76.0	1.9	0.0	1.9	6.9
5	14.8	29.1	20.0	72.7	.5	0.0	.5	7.2
6	16.4	24.9	19.4	81.7	0.0	4.3	4.3	.2
7	13.1	28.0	18.9	78.3	3.2	0.0	3.2	6.3
8	14.0	30.0	20.6	74.7	0.0	0.0	0.0	8.0
9	14.8	30.8	20.9	72.3	0.0	0.0	0.0	8.6
10	15.5	29.2	21.4	73.3	0.0	0.0	0.0	5.0
11	13.7	28.0	19.6	67.0	0.0	0.0	0.0	6.3
12	11.8	29.0	19.8	64.3	0.0	0.0	0.0	7.3
13	11.6	29.1	19.8	70.3	0.0	0.0	0.0	7.8
14	13.0	27.4	19.5	77.3	0.0	20.0	20.0	
15	14.9	25.0	17.8	81.3	4.1	28.1	32.2	2.7
16	15.4	24.1	18.5	80.3	.4	2.8	3.2	.1
17	15.3	23.2	18.7	83.3	1.6	6.5	8.1	1.9
18	16.2	26.9	19.7	77.7	0.0	33.8	33.8	4.9
19	15.8	27.2	19.5	77.3	.6	30.0	30.6	5.3
20	15.0	23.2	17.7	82.3	5.0	1.1	6.1	.5
21	14.4	23.5	17.7	80.7	.5	3.6	4.1	2.0
22	14.9	22.8	18.2	82.3	0.0	11.0	11.0	
23	15.1	26.2	18.7	80.0	1.3	26.4	27.7	4.5
24	15.9	22.0	16.8	90.7	8.7	0.0	8.7	.3
25	14.0	24.0	17.3	86.0	5.8	21.8	27.6	3.9
26	14.8	27.2	19.1	79.7	0.0	5.5	5.5	5.2
27	13.0	24.2	18.1	81.7	3.2	0.0	3.2	4.1
28	14.2	26.3	18.8	81.3	6.8	29.4	36.2	6.6
29	14.7	25.0	19.2	80.7	0.0	0.0	0.0	
30	16.0	27.8	19.6	79.3	19.6	3.2	22.8	5.2
31								
TOTAL					63.6	227.5	291.1	
PROMEDIO	14.5	26.5	19.2	77.9				

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.1	26.2	19.0	78.3	.2	.1	.3	
2	15.0	25.5	17.3	93.0	10.7	25.3	36.0	.3
3	14.0	25.8	18.9	78.0	0.0	0.0	0.0	5.0
4	14.1	26.0	18.0	78.3	8.6	0.0	8.6	6.0
5	13.9	27.4	20.2	75.0	0.0	5.8	5.8	7.0
6	12.4	26.5	18.6	77.0	0.0	3.3	3.3	7.8
7	14.2	26.4	19.1	79.7	0.0	7.9	7.9	4.5
8	15.5	23.8	18.2	83.7	2.1	.4	2.5	1.9
9	15.6	21.8	17.2	92.0	8.3	1.4	9.7	.6
10	14.9	20.0	16.4	90.3	6.9	0.0	6.9	0.0
11	13.9	23.5	16.7	89.3	4.6	.7	5.3	1.7
12	12.4	24.2	17.5	77.7	2.2	.1	2.3	6.4
13	14.1	25.8	18.3	80.0	2.6	.7	3.3	5.0
14	12.5	25.9	18.9	75.7	0.0	0.0	0.0	7.6
15	13.1	26.5	18.6	75.7	0.0	.9	.9	6.8
16	14.9	27.8	19.5	75.3	0.0	.7	.7	8.2
17	15.1	25.8	18.9	79.7	0.0	7.7	7.7	5.0
18	15.8	19.4	17.0	90.7	3.6	0.0	3.6	0.0
19	12.0	24.3	16.9	80.3	0.0	0.0	0.0	2.9
20	12.9	27.0	18.5	76.3	0.0	0.0	0.0	9.2
21	11.2	27.9	18.3	78.0	0.0	0.0	0.0	9.4
22	12.5	27.1	18.6	76.3	0.0	0.0	0.0	8.0
23	12.6	28.0	19.1	75.3	.9	0.0	.9	5.2
24	14.0	24.3	18.6	81.3	0.0	0.0	0.0	.4
25	14.8	26.4	18.8	77.7	0.0	2.0	2.0	4.4
26	13.5	24.2	18.7	82.0	0.0	1.3	1.3	3.0
27	14.9	22.0	16.6	94.0	20.1	0.0	20.1	1.2
28	14.1	24.4	17.2	84.7	1.7	0.0	1.7	3.0
29	12.6	26.3	18.9	76.0	2.4	1.2	3.6	5.9
30	14.8	26.0	18.1	80.7	.3	0.0	.3	3.6
31	15.0	27.0	18.4	79.7	4.1	0.0	4.1	4.1
TOTAL					79.3	59.5	138.8	
PROMEDIO	13.9	25.3	18.2	81.0				

ESTACION: MIGUEL VALENCIA

DPTO: ANTIOQUIA

LATITUD : 05° 36'N

AÑO: 1991

MPIO: JARDIN

LONGITUD: 75° 51'W
ALTITUD : 1570 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.8	25.8	18.9	76.7	0.0	6.3	6.3	2.1
2	15.8	25.7	18.8	80.3	1.8	15.9	17.7	5.3
3	15.0	26.1	18.7	78.7	0.0	0.0	0.0	6.4
4	15.9	25.3	19.0	79.7	3.3	0.0	3.3	2.9
5	14.8	26.3	18.6	78.0	0.0	12.8	12.8	4.9
6	15.2	26.8	19.4	80.0	.2	0.0	.2	6.6
7	14.0	22.1	17.1	90.0	2.8	0.0	2.8	1.7
8	13.6	22.8	17.5	88.3	2.6	0.0	2.6	.9
9	15.1	23.4	18.0	83.3	2.7	9.9	12.6	.9
10	13.8	23.9	17.5	82.7	0.0	0.0	0.0	2.1
11	13.6	25.8	18.6	81.0	1.9	.1	2.0	6.1
12	13.8	27.1	19.9	73.7	0.0	4.0	4.0	7.9
13	16.4	24.0	18.7	84.7	.2	0.0	.2	1.0
14	15.0	26.2	19.3	77.7	7.7	3.8	11.5	5.1
15	15.2	24.9	18.0	82.7	1.1	0.0	1.1	4.0
16	14.9	25.5	19.0	80.0	.9	6.2	7.1	5.4
17	15.7	26.0	18.5	79.7	0.0	0.0	0.0	6.2
18	13.0	25.9	18.5	78.3	0.0	0.0	0.0	7.4
19	14.2	23.9	18.0	81.7	0.0	0.0	0.0	0.0
20	14.8	24.2	18.3	82.0	0.0	0.0	0.0	2.5
21	15.6	23.4	18.1	85.0	.4	0.0	.4	3.0
22	15.4	25.8	19.6	78.3	.2	0.0	.2	6.1
23	15.3	26.8	19.3	79.0	.4	.2	.6	3.4
24	14.2	27.3	19.2	77.3	1.2	9.2	10.4	5.2
25	15.5	22.4	18.1	86.7	0.0	0.0	0.0	.2
26	14.0	25.2	19.5	77.7	.3	0.0	.3	5.4
27	15.1	24.3	19.5	81.3	0.0	.3	.3	1.9
28	16.0	27.6	20.1	79.0	4.2	34.2	38.4	5.5
29	15.2	22.2	18.0	87.3	0.0	0.0	0.0	.6
30	14.1	25.6	18.8	82.0	1.9	0.0	1.9	6.2
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	14.8	25.1	18.7	81.1	33.8	102.9	136.7	116.9

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.4	27.0	19.7	75.7	0.0	.5	.5	7.7
2	16.4	24.2	19.5	84.0	.4	35.5	35.9	.6
3	15.0	23.8	18.4	81.7	.7	0.0	.7	2.2
4	14.8	25.2	19.2	80.3	.1	16.4	16.5	4.5
5	15.8	22.8	18.4	82.7	0.0	0.0	0.0	0.0
6	13.5	26.8	19.2	77.3	0.0	0.0	0.0	6.2
7	14.8	25.8	19.2	79.7	0.0	0.0	0.0	5.5
8	17.0	27.4	20.4	79.7	0.0	0.0	0.0	0.0
9	16.1	19.2	17.0	92.7	8.3	0.0	8.3	0.0
10	14.0	25.4	19.3	79.0	.9	.1	1.0	3.9
11	14.6	26.0	19.8	82.7	0.0	6.5	6.5	3.9
12	16.0	28.0	20.8	78.0	.5	22.5	23.0	8.6
13	14.8	26.3	19.3	76.0	0.0	0.0	0.0	5.4
14	15.7	22.1	17.8	90.3	22.2	7.4	29.6	1.3
15	16.0	21.2	17.9	88.7	13.6	7.2	20.8	0.0
16	15.9	21.4	18.2	86.7	0.0	0.0	0.0	.8
17	15.8	19.4	16.5	91.3	8.8	0.0	8.8	0.0
18	14.5	22.8	17.2	85.3	0.0	0.0	0.0	3.4
19	14.9	25.3	18.9	78.7	0.0	0.0	0.0	5.2
20	14.1	24.9	18.4	81.0	0.0	0.0	0.0	6.2
21	15.0	25.5	18.5	80.7	0.0	0.0	0.0	4.7
22	14.8	20.2	17.5	87.7	0.0	1.8	1.8	0.0
23	13.9	25.0	18.5	80.0	0.0	0.0	0.0	3.8
24	15.8	26.1	19.3	74.7	0.0	0.0	0.0	7.1
25	13.8	26.0	18.7	79.7	0.0	0.0	0.0	3.6
26	15.5	25.4	18.0	79.3	0.0	0.0	0.0	4.3
27	14.0	26.3	18.9	77.0	0.0	0.0	0.0	6.2
28	15.4	25.2	19.3	79.0	0.0	0.0	0.0	2.2
29	15.8	24.2	18.2	83.7	0.0	0.0	0.0	2.3
30	14.9	25.6	18.9	77.0	0.0	0.0	0.0	2.3
31	14.0	26.3	19.4	75.3	0.0	0.0	0.0	6.4
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.1	24.5	18.7	81.5	55.5	97.9	153.4	

Estación: MIGUEL VALENCIA

Dpto.: ANTIOQUIA

Latitud : 05° 36'N

Año: 1991

Mpio.: JARDIN

Longitud: 75° 51'W

Altitud : 1570 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	14.8	27.3	19.6	11.8	30.2	76.7	59.7	7	170.1
FEBRERO	15.0	27.3	20.1	11.8	29.8	76.2	48.3	11	
MARZO	15.4	26.7	19.7	12.6	29.1	78.6	202.5	25	138.2
ABRIL	15.7	26.7	19.7	13.8	29.1	79.0	166.9	20	
MAYO	15.9	25.9	19.9	14.5	29.3	80.4	218.9	27	
JUNIO	15.7	26.6	19.9	12.8	30.1	80.5	280.6	22	140.9
JULIO	14.7	26.5	19.9	12.5	28.9	78.0	116.6	16	156.6
AGOSTO	13.7	26.6	19.5	11.8	29.4	76.6	77.1	14	187.4
SEPTIEMBRE	14.5	26.5	19.2	11.6	30.8	77.9	291.1	21	
OCTUBRE	13.9	25.3	18.2	11.2	28.0	81.0	138.8	24	
NOVIEMBRE	14.8	25.1	18.7	12.8	27.6	81.1	136.7	22	116.9
DICIEMBRE	15.1	24.5	18.7	13.5	28.0	81.5	153.4	12	
PROMEDIO	14.9	26.2	19.4			79.0			
ABSOLUTA				11.2	30.8				
TOTAL							1890.6	221	

ESTACION: BERTHA

DPTO: BOYACA

LATITUD : 05° 53'N

AÑO: 1991

MPIO: MONIQUIRA

LONGITUD: 73° 34'W
ALTITUD : 1700 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	26.0	19.1	77.0	0.0	0.0	0.0	7.5
2	13.0	27.0	19.2	77.0	.2	0.0	.2	6.0
3	15.5	26.9	20.0	76.7	0.0	0.0	0.0	2.8
4	15.0	27.2	19.7	77.3	0.0	0.0	0.0	6.9
5	13.0	27.0	19.3	75.3	0.0	0.0	0.0	7.6
6	11.4	27.3	18.7	77.3	5.8	4.5	10.3	7.1
7	14.5	27.0	19.4	75.3	3.8	0.0	3.8	7.4
8	14.8	27.2	20.5	76.0	0.0	8.8	8.8	6.9
9	12.6	27.1	20.0	77.3	0.0	0.0	0.0	7.8
10	13.0	27.5	19.6	78.3	0.0	0.0	0.0	6.6
11	15.6	26.7	20.2	78.3	0.0	0.0	0.0	8.2
12	14.8	27.0	20.4	72.7	0.0	0.0	0.0	9.4
13	12.1	26.9	18.6	78.3	0.0	0.0	0.0	7.5
14	12.0	27.2	18.5	74.0	0.0	0.0	0.0	9.3
15	14.0	26.7	19.6	76.0	0.0	0.0	0.0	9.0
16	15.0	26.6	19.0	79.3	.4	0.0	.4	6.4
17	13.5	26.2	18.9	77.0	0.0	1.4	1.4	8.0
18	15.4	27.3	19.4	75.0	0.0	0.0	0.0	8.3
19	11.4	27.0	18.2	75.7	0.0	0.0	0.0	8.9
20	12.5	27.2	18.5	76.0	0.0	0.0	0.0	9.1
21	13.0	26.6	19.6	70.7	0.0	0.0	0.0	7.7
22	13.4	27.2	20.1	70.7	0.0	0.0	0.0	8.3
23	12.4	27.0	18.5	72.7	0.0	0.0	0.0	9.5
24	8.0	29.0	18.6	70.3	0.0	0.0	0.0	9.5
25	7.9	28.6	18.6	70.7	0.0	0.0	0.0	9.0
26	8.8	26.4	18.0	66.3	0.0	0.0	0.0	6.7
27	12.4	24.0	18.6	75.7	0.0	0.0	0.0	2.7
28	9.4	28.2	18.2	73.7	.3	0.0	.3	6.0
29	9.6	30.0	19.6	68.3	.1	0.0	.1	9.0
30	9.5	28.0	19.6	68.3	0.0	0.0	0.0	8.2
31	14.9	27.5	20.1	73.7	0.0	0.0	0.0	8.4
TOTAL PROMEDIO	12.7	27.1	19.2	74.5	10.6	14.7	25.3	235.7

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.0	27.3	18.6	76.0	0.0	2.9	2.9	8.9
2	15.2	27.8	19.3	71.3	0.0	0.0	0.0	8.7
3	15.0	27.4	19.8	72.3	0.0	0.0	0.0	6.4
4	16.0	25.0	18.7	80.3	3.5	.5	4.0	1.8
5	15.0	26.7	20.3	70.7	0.0	.2	.2	6.6
6	15.8	28.2	20.5	73.7	0.0	0.0	0.0	8.4
7	13.6	27.6	20.5	70.3	0.0	0.0	0.0	7.6
8	16.0	26.2	19.7	70.3	0.0	4.6	4.6	6.0
9	15.2	27.1	19.9	74.7	0.0	11.7	11.7	6.9
10	14.0	29.2	20.5	74.0	0.0	0.0	0.0	9.0
11	13.5	28.8	19.5	78.3	6.8	0.0	6.8	6.6
12	15.0	27.2	20.4	77.7	0.0	1.3	1.3	3.8
13	13.0	28.2	21.0	70.0	0.0	0.0	0.0	8.5
14	11.8	30.0	20.7	69.3	0.0	0.0	0.0	7.8
15	11.6	27.8	19.6	73.7	.2	12.7	12.9	4.4
16	15.8	26.5	20.0	75.3	0.0	1.8	1.8	4.6
17	14.0	27.8	20.8	75.7	0.0	2.4	2.4	6.2
18	15.0	28.0	20.6	74.0	0.0	1.4	1.4	7.5
19	13.2	28.1	20.2	74.7	0.0	0.0	0.0	6.0
20	15.0	28.4	20.7	72.0	0.0	0.0	0.0	8.1
21	16.0	29.2	20.8	70.0	0.0	0.0	0.0	8.7
22	11.8	26.9	20.1	69.0	0.0	0.0	0.0	5.2
23	13.0	27.4	19.4	73.3	0.0	0.0	0.0	2.8
24	12.0	26.4	20.1	72.0	0.0	0.0	0.0	2.9
25	13.0	29.0	20.3	72.0	0.0	0.0	0.0	4.5
26	11.0	27.8	19.1	77.3	25.4	5.3	30.7	3.4
27	12.8	28.8	20.3	74.3	9.1	17.9	27.0	
28	14.0	25.0	19.4	79.0	.1	0.0	.1	
29								
30								
31								
TOTAL PROMEDIO	13.9	27.6	20.0	73.6	45.1	62.7	107.8	

ESTACION: BERTHA

DPTO: BOYACA

LATITUD : 05° 53'N

AÑO: 1991

MPIO: MONIQUIRA

LONGITUD: 73° 34'W

ALTITUD : 1700 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	11.0	29.2	19.7	69.7	0.0	0.0	0.0	8.3
2	15.7	24.2	18.7	82.7	0.0	0.0	0.0	.6
3	13.8	25.5	19.5	84.0	.4	0.0	.4	2.9
4	15.0	25.2	18.9	79.7	0.0	0.0	0.0	.1
5	16.0	25.0	19.2	81.7	5.2	0.0	5.2	.9
6	16.8	28.2	20.3	79.3	4.0	0.0	4.0	5.2
7	16.2	24.9	18.6	83.7	.3	9.1	9.4	1.5
8	14.0	26.2	19.0	83.3	1.3	0.0	1.3	3.3
9	13.9	25.5	19.2	82.3	.9	.1	1.0	2.3
10	15.0	25.0	18.7	83.3	2.0	39.8	41.8	1.5
11	15.2	24.2	16.9	85.7	2.2	7.6	9.8	1.4
12	16.0	24.0	19.1	85.7	8.6	2.0	10.6	.3
13	14.8	26.2	18.5	78.7	2.0	0.0	2.0	2.5
14	11.5	28.2	18.9	78.0	.2	0.0	.2	5.4
15	10.4	28.0	19.9	74.3	0.0	5.7	5.7	6.9
16	15.0	28.4	18.8	78.7	0.0	0.0	0.0	8.9
17	16.0	28.2	21.0	72.7	0.0	0.0	0.0	8.1
18	14.5	27.5	20.0	77.7	0.0	0.0	0.0	7.7
19		27.0	19.7	77.3	0.0	0.0	0.0	10.0
20		29.2	20.3	74.7	0.0	0.0	0.0	0.0
21		27.5	19.3	76.0	0.0	0.0	0.0	8.1
22		28.0	19.5	77.3	4.8	0.0	4.8	4.8
23		27.5	20.4	75.0	0.0	0.0	0.0	8.3
24		27.6	19.7	76.0	0.0	0.0	0.0	6.8
25		25.5	19.7	74.0	0.0	.1	.1	6.3
26		21.0	17.1	89.7	11.3	5.9	17.2	1.0
27		21.5	18.6	87.7	2.1	4.2	6.3	.1
28		27.0	20.0	75.3	4.0	0.0	4.0	0.0
29		27.2	18.5	78.0	0.0	0.0	0.0	8.0
30		25.0	19.6	77.3	3.2	1.4	4.6	7.1
31		25.5	17.5	77.7	0.0	.2	.2	5.4
		====	====	====	=====	=====	=====	=====
TOTAL PROMEDIO		26.2	19.2	79.3	52.5	76.1	128.6	133.7

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1		25.0	17.5	74.7	.1	0.0	.1	3.5
2		27.5	19.6	67.3	0.0	0.0	0.0	8.8
3		26.6	19.5	79.3	0.0	2.2	2.2	1.9
4		28.0	20.1	74.7	0.0	.7	.7	5.9
5		27.5	19.4	77.0	.6	.3	.9	7.1
6		25.0	18.4	79.3	32.0	0.0	32.0	2.5
7		26.0	19.7	81.7	.1	.1	.2	5.0
8		26.5	19.2	75.3	3.0	1.8	4.8	4.5
9		25.5	19.3	81.3	11.5	2.3	13.8	2.7
10		25.0	18.8	77.7	1.2	0.0	1.2	.7
11		24.5	19.0	81.3	14.6	5.7	20.3	3.6
12		27.0	18.5	80.3	2.3	15.5	17.8	5.7
13		25.0	19.2	76.7	4.3	0.0	4.3	1.2
14		26.4	18.3	77.7	.4	0.0	.4	5.4
15		27.6	18.5	79.3	0.0	0.0	0.0	4.2
16		9.0	29.0	76.0	0.0	13.5	13.5	7.5
17		12.0	26.5	82.0	0.0	4.7	4.7	5.4
18		14.8	26.0	74.7	0.0	0.0	0.0	3.6
19		13.0	26.9	79.7	.2	0.0	.2	3.3
20		14.0	26.4	65.7	0.0	0.0	0.0	4.5
21		13.9	26.2	69.0	0.0	0.0	0.0	4.3
22		12.5	26.8	81.3	.2	0.0	.2	3.3
23		14.0	26.3	80.7	2.5	0.0	2.5	3.0
24		12.0	27.2	78.0	1.2	0.0	1.2	5.9
25		11.0	28.8	70.0	0.0	11.1	11.1	9.5
26		13.2	25.1	76.3	0.0	0.0	0.0	3.0
27		12.0	26.2	78.3	0.0	12.8	12.8	5.0
28		15.5	27.6	81.3	14.5	1.1	15.6	5.9
29		15.0	28.8	76.0	7.9	16.5	24.4	7.1
30		15.1	26.5	82.0	17.5	6.3	23.8	4.8
31								
		====	====	====	=====	=====	=====	=====
TOTAL PROMEDIO		26.6	19.3	77.2	114.1	94.6	208.7	138.8

ESTACION: BERTHA

DPTO: BOYACA

LATITUD : 05° 53'N

AÑO: 1991

MPIO: MONIQUIRA

LONGITUD: 73° 34'W

ALTITUD : 1700 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	28.0	19.1	80.3	2.6	10.2	12.8	4.9
2	14.5	29.2	20.9	77.3	0.0	2.3	2.3	8.6
3	15.0	29.5	20.5	75.0	5.0	21.1	26.1	3.5
4	15.2	26.7	19.3	80.3	6.8	13.0	19.8	3.0
5	16.0	24.2	19.7	81.0	4.3	.2	4.5	2.0
6	16.7	27.8	20.1	76.0	2.3	0.0	2.3	7.5
7	12.6	28.0	18.9	78.0	1.1	0.0	1.1	6.4
8	11.6	29.0	20.8	76.3	0.0	3.9	3.9	7.5
9	15.0	27.4	20.8	74.3	0.0	5.4	5.4	5.0
10	15.4	25.1	20.4	82.7	3.0	.4	3.4	3.6
11	15.1	27.4	20.4	79.7	2.6	.4	3.0	5.1
12	15.4	22.3	19.0	89.7	28.5	.1	28.6	1.0
13	14.8	27.0	18.9	82.0	10.4	0.0	10.4	4.4
14	12.6	27.5	20.0	79.0	1.0	0.0	1.0	7.1
15	14.0	24.5	19.4	80.3	0.0	0.0	0.0	2.3
16	16.0	27.0	19.9	80.3	8.0	11.0	19.0	4.0
17	16.8	25.2	19.4	80.3	6.9	46.0	52.9	1.3
18	15.0	26.2	19.6	78.0	1.9	2.6	4.5	3.8
19	14.0	26.4	20.0	76.7	2.1	48.2	50.3	5.5
20	15.2	23.0	17.7	87.0	17.1	10.0	27.1	.3
21	15.7	23.2	18.1	84.3	10.3	10.9	21.2	.8
22	15.8	24.2	18.7	83.3	2.1	19.4	21.5	1.7
23	15.0	24.5	17.9	86.3	2.1	0.0	2.1	3.1
24	14.0	24.7	17.6	89.7	2.8	0.0	.8	3.9
25	14.8	27.2	18.9	82.7	22.8	0.0	22.8	5.7
26	14.0	28.2	20.5	73.0	0.0	0.0	0.0	6.7
27	14.7	26.0	19.4	76.7	0.0	0.0	0.0	4.2
28	15.0	27.5	20.4	64.7	0.0	0.0	0.0	5.4
29	13.0	28.0	19.8	74.3	18.5	5.6	24.1	5.7
30	14.8	26.8	20.3	76.3	0.0	12.8	12.8	4.4
31	15.0	22.5	17.4	92.0	7.0	0.0	7.0	.8
TOTAL PROMEDIO	14.8	26.3	19.5	79.9	167.2	223.5	390.7	129.2

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.8	24.2	19.2	79.0	1.0	13.8	14.8	4.3
2	15.4	26.0	20.3	83.0	2.5	.2	2.7	5.0
3	17.0	24.2	20.3	83.3	0.0	0.0	0.0	1.9
4	13.5	28.5	20.3	77.0	.6	2.5	3.1	7.9
5	14.0	26.5	20.0	82.7	5.3	10.5	15.8	4.7
6	14.8	25.8	18.5	89.0	7.7	.2	7.9	4.2
7	16.0	28.6	21.4	76.0	0.0	1.2	1.2	6.9
8	13.5	29.2	22.0	71.0	0.0	0.0	0.0	7.5
9	14.5	28.0	21.9	59.3	.5	0.0	.5	9.2
10	12.0	25.5	19.5	82.3	.5	0.0	.5	3.4
11	12.5	28.2	21.3	63.0	0.0	0.0	0.0	9.5
12	12.4	26.2	19.4	68.0	0.0	0.0	0.0	3.4
13	13.0	27.0	20.3	76.3	0.0	6.5	6.5	5.1
14	14.1	26.9	19.0	84.0	6.8	.1	6.9	4.9
15	14.0	26.8	19.4	80.0	3.5	0.0	3.5	5.1
16	15.0	24.8	19.8	85.3	0.0	0.0	0.0	1.9
17	16.5	23.5	18.7	91.3	6.2	0.0	6.2	0.0
18	14.5	27.5	20.0	75.3	0.0	1.4	1.4	6.4
19	12.0	27.2	19.5	78.3	4.6	.8	5.4	5.8
20	14.0	26.2	20.0	81.7	.3	.2	.5	5.9
21	12.5	26.0	19.9	82.3	0.0	0.0	0.0	7.4
22	13.2	27.5	19.4	78.7	3.8	1.1	4.9	4.0
23	13.5	26.4	20.3	79.7	.3	0.0	.3	3.7
24	15.0	25.8	18.4	83.7	9.2	0.0	9.2	2.7
25	12.5	27.8	20.3	72.7	3.8	0.0	3.8	6.1
26	13.0	26.9	19.2	83.3	.5	1.4	1.9	5.1
27	14.4	25.0	17.9	80.0	20.0	0.0	20.0	1.0
28	14.5	25.2	18.7	79.0	0.0	.1	.1	1.8
29	13.5	25.3	18.3	75.3	.6	0.0	.6	2.6
30	14.5	24.0	18.7	82.0	0.0	0.0	0.0	2.5
31								
TOTAL PROMEDIO	14.0	26.4	19.7	78.8	77.7	40.0	117.7	139.9

ESTACION: BERTHA

DPTO: BOYACA

LATITUD : 05° 53'N

AÑO: 1991

MPIO: MONIQUIRA

LONGITUD: 73° 34'W

ALTITUD : 1700 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.0	25.5	17.5	89.0	25.3	.6	25.9	3.7
2	12.4	25.0	18.6	81.0	.2	0.0	.2	
3	13.0	26.0	17.9	80.7	2.3	.4	2.7	5.0
4	13.8	24.8	18.4	82.7	4.7	0.0	4.7	1.8
5	14.0	24.2	18.1	85.7	11.9	9.2	21.1	4.8
6	15.0	26.4	19.1	82.0	.6	2.1	2.7	3.1
7	15.8	23.6	18.0	84.0	7.7	0.0	7.7	
8	11.0	25.2	19.0	82.0	3.0	.2	3.2	4.2
9	13.0	25.7	19.4	80.7	.6	15.4	16.0	4.0
10	13.8	26.5	18.9	76.3	0.0	0.0	0.0	2.8
11	11.0	29.2	19.9	72.0	.2	0.0	.2	4.1
12	12.1	26.5	18.6	78.3	.1	.1	.2	
13	12.0	28.0	19.3	75.3	.1	0.0	.1	4.2
14	12.2	27.5	19.1	74.7	.1	0.0	.1	1.3
15	12.8	26.8	20.4	65.0	0.0	0.0	0.0	3.8
16	13.0	27.2	19.3	67.3	0.0	0.0	0.0	5.1
17	11.0	27.1	17.8	78.7	0.0	12.0	12.0	2.4
18	12.0	25.4	17.8	86.7	5.2	0.0	5.2	7.5
19	12.8	29.2	21.4	63.0	.1	0.0	.1	4.0
20	13.6	27.8	20.5	71.3	5.5	0.0	5.5	7.9
21	15.0	26.0	19.1	81.3	4.8	0.0	4.8	7.5
22	11.0	27.5	19.2	80.0	0.0	0.0	0.0	4.3
23	11.2	27.4	19.5	78.7	1.5	.1	1.6	6.0
24	14.0	23.5	18.7	77.0	0.0	0.0	0.0	7.1
25	12.8	26.0	20.1	73.3	0.0	0.0	0.0	2.4
26	11.8	27.6	20.7	74.7	0.0	0.0	0.0	4.6
27	13.4	27.4	20.7	71.7	1.1	3.7	4.8	5.3
28	14.0	25.2	18.3	80.7	13.0	0.0	13.0	6.2
29	11.0	25.5	19.0	81.3	0.0	0.0	0.0	5.7
30	12.5	23.0	17.2	87.0	14.0	7.1	21.1	.3
31	14.0	24.0	17.3	91.7	.4	11.5	11.9	3.2
TOTAL PROMEDIO	12.9	26.2	19.0	78.5	102.4	62.4	164.8	

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.5	22.8	17.7	81.3	18.8	0.0	18.8	.4
2	13.2	23.5	17.8	80.3	0.0	.1	.1	1.8
3	13.7	25.9	18.4	70.0	0.0	0.0	0.0	5.4
4	11.0	25.6	19.5	73.7	.2	0.0	.2	4.1
5	13.0	25.4	18.6	77.7	2.3	.7	3.0	2.5
6	12.5	25.0	18.5	78.7	0.0	0.0	0.0	4.9
7	11.0	26.2	17.9	79.0	4.8	0.0	4.8	1.0
8	12.0	26.0	18.6	80.7	0.0	0.0	0.0	7.7
9	11.0	25.4	18.3	78.3	5.9	4.5	10.4	4.1
10	12.0	26.9	19.9	63.7	0.0	0.0	0.0	7.6
11	13.4	25.8	20.7	57.3	0.0	0.0	0.0	7.0
12	15.0	26.2	19.8	50.7	0.0	0.0	0.0	9.1
13	14.4	25.6	20.6	73.7	0.0	0.0	0.0	8.2
14	13.5	26.8	19.1	66.0	0.0	0.0	0.0	3.1
15	14.0	26.9	20.3	63.3	0.0	0.0	0.0	7.5
16	11.0	28.2	20.7	68.3	2.2	0.0	2.2	6.9
17	13.0	26.0	18.2	72.7	2.4	.2	2.6	5.4
18	14.0	24.2	18.3	82.3	7.8	0.0	7.8	2.8
19	12.0	27.2	18.9	75.3	16.8	0.0	16.8	5.6
20	14.0	25.0	17.4	92.0	2.2	0.0	2.2	3.8
21	11.0	25.8	18.8	72.7	0.0	0.0	0.0	5.3
22	11.2	25.5	19.5	57.3	0.0	0.0	0.0	1.7
23	12.5	26.2	19.9	62.0	0.0	0.0	0.0	6.7
24	11.5	24.8	18.4	75.0	0.0	0.0	0.0	3.7
25	10.6	26.3	19.8	74.0	0.0	0.0	0.0	5.2
26	10.0	26.8	18.9	76.3	0.0	0.0	0.0	6.0
27	14.0	26.1	20.9	61.3	0.0	0.0	0.0	2.7
28	13.9	27.1	19.8	58.3	.1	0.0	.1	4.4
29	13.2	25.7	18.8	64.0	0.0	0.0	0.0	7.3
30	10.0	24.0	17.5	73.3	0.0	.2	.2	2.3
31	11.7	25.0	18.5	75.7	0.0	0.0	0.0	2.4
TOTAL PROMEDIO	12.5	25.7	19.0	71.5	63.5	5.7	69.2	146.6

ESTACION: BERTHA

DPTO: BOYACA

LATITUD : 05° 53'N

AÑO: 1991

MPIO: MONIQUIRA

LONGITUD: 73° 34'W

ALTITUD : 1700 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.8	25.2	19.6	71.3	0.0	0.0	0.0	1.0
2	15.0	28.0	21.9	48.3	0.0	0.0	0.0	
3	10.5	27.8	19.2	74.7	.3	0.0	.3	
4	14.5	27.2	21.8	63.3	0.0	0.0	0.0	1.7
5	12.0	28.0	20.6	67.0	0.0	.7	.7	6.7
6	15.0	27.4	20.4	74.0	.9	0.0	.9	4.9
7	12.5	27.0	19.0	75.7	0.0	.6	.6	
8	11.0	29.5	20.7	69.7	0.0	0.0	0.0	
9	13.0	28.2	20.8	64.7	0.0	0.0	0.0	1.7
10	16.0	27.2	21.0	46.3	0.0	0.0	0.0	9.2
11	12.8	27.8	20.4	57.3	0.0	0.0	0.0	8.1
12	12.4	29.0	20.9	57.3	0.0	0.0	0.0	8.5
13	11.0	28.9	20.8	69.0	0.0	3.6	3.6	4.6
14	13.2	28.2	20.2	75.0	0.0	0.0	0.0	6.0
15	15.1	26.8	18.5	77.0	13.4	0.0	13.4	2.6
16	15.0	24.0	18.6	84.3	1.3	0.0	1.3	3.1
17	15.4	23.8	17.9	88.7	11.8	5.5	17.3	1.6
18	15.0	26.2	20.3	75.3	0.0	2.1	2.1	7.4
19	14.9	27.2	20.0	75.7	0.0	7.0	7.0	6.0
20	14.3	25.0	18.5	78.7	3.1	4.1	7.2	2.2
21	15.0	24.0	18.1	83.7	.4	5.6	6.0	.7
22	13.0	24.1	18.6	80.0	1.0	0.0	1.0	4.0
23	14.8	25.0	19.6	81.3	0.0	5.1	5.1	3.8
24	15.0	24.6	18.9	87.3	.4	0.0	.4	2.5
25	12.0	26.6	19.1	77.7	.9	0.0	.9	5.2
26	16.2	26.8	19.5	80.7	7.9	1.8	9.7	3.1
27	14.0	26.4	19.7	80.0	6.3	0.0	6.3	5.2
28	12.4	26.0	18.3	85.0	7.2	.5	7.7	4.9
29	13.2	26.8	19.9	79.0	.8	1.0	1.8	6.6
30	15.0	27.3	20.8	74.3	0.0	22.4	22.4	8.5
31								
TOTAL	====	====	====	====	=====	=====	=====	
PROMEDIO	13.8	26.7	19.8	73.4	55.7	60.0	115.7	

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	27.4	19.7	79.3	.4	7.2	7.6	7.5
2	15.0	26.0	18.8	82.7	0.0	44.0	44.0	6.6
3	14.0	25.9	19.0	82.3	0.0	0.0	0.0	8.3
4	9.0	26.8	19.7	71.0	.7	3.7	4.4	7.6
5	14.0	26.9	20.2	74.3	0.0	0.0	0.0	2.8
6	13.5	27.0	19.3	75.3	0.0	0.0	0.0	6.7
7	15.0	26.4	18.6	78.0	5.0	14.5	19.5	
8	14.2	24.0	18.2	83.7	0.0	0.0	0.0	
9	15.9	24.6	18.5	84.3	.2	0.0	.2	2.4
10	14.5	25.0	18.6	79.3	7.1	0.0	7.1	4.7
11	13.0	26.0	17.8	81.0	4.5	0.0	4.5	5.3
12	12.1	25.4	17.8	83.0	4.3	.1	4.4	5.4
13	13.8	27.9	18.4	82.0	.7	.2	.9	
14	14.0	26.7	19.1	78.0	0.0	1.1	1.1	6.7
15	11.0	26.8	18.7	80.7	.8	11.0	11.8	7.1
16	14.0	25.8	18.8	79.7	0.0	4.9	4.9	6.8
17	12.2	26.9	19.0	75.7	0.0	0.0	0.0	8.4
18	14.2	25.9	19.1	53.0	0.0	0.0	0.0	5.2
19	10.5	26.0	17.5	79.0	0.0	0.0	0.0	6.1
20	8.9	27.9	18.5	62.7	0.0	0.0	0.0	8.0
21	8.2	26.7	18.5	75.3	2.3	4.9	7.2	8.0
22	9.5	24.0	17.2	75.3	0.0	0.0	0.0	3.3
23	11.0	26.4	19.0	72.0	0.0	0.0	0.0	8.5
24	9.0	27.4	18.9	74.3	0.0	0.0	0.0	7.4
25	10.8	25.4	18.5	79.7	.2	10.0	10.2	4.7
26	14.0	25.8	18.7	81.3	0.0	76.2	76.2	3.0
27	13.8	24.2	18.7	82.3	0.0	0.0	0.0	4.0
28	12.0	27.8	18.6	76.3	.8	13.8	14.6	6.3
29	11.0	26.4	18.5	80.7	5.2	7.7	12.9	6.1
30	14.5	25.0	19.1	80.7	.1	.3	.4	1.8
31	15.5	27.0	19.1	81.3	0.0	0.0	0.0	4.9
TOTAL	====	====	====	====	=====	=====	=====	
PROMEDIO	12.7	26.2	18.7	77.6	32.3	199.6	231.9	

ESTACION: BERTHA

DPTO: BOYACA

LATITUD : 05° 53'N

AÑO: 1991

MPIO: MONIQUIRA

LONGITUD: 73° 34'W
ALTITUD : 1700 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.8	27.2	19.3	80.0	10.7	.5	11.2	3.8
2	12.5	27.1	18.6	78.3	3.1	1.0	4.1	6.8
3	10.5	26.2	18.9	80.3	0.0	3.8	3.8	7.7
4	15.5	25.8	18.4	83.3	0.0	0.0	0.0	4.9
5	15.7	26.0	19.1	81.3	0.0	0.0	0.0	4.8
6	16.0	24.3	18.5	90.3	.3	0.0	.3	3.7
7	15.8	25.4	18.6	90.0	1.0	4.7	5.7	3.9
8	16.2	22.0	17.4	88.0	3.1	.6	3.7	1.4
9	15.4	24.4	18.2	83.7	.2	7.0	7.2	2.6
10	15.0	24.5	18.3	81.0	.1	0.0	.1	2.8
11	14.0	25.4	19.3	79.3	0.0	4.7	4.7	6.8
12	15.8	26.6	19.1	81.3	0.0	0.0	0.0	7.2
13	15.4	26.0	19.6	83.7	0.0	4.5	4.5	5.2
14	14.5	26.2	18.8	79.3	0.0	0.0	0.0	7.2
15	16.0	24.4	19.1	80.3	0.0	0.0	0.0	1.9
16	14.2	25.9	19.0	80.7	0.0	0.0	0.0	5.1
17	14.1	26.0	19.5	78.3	.3	2.5	2.8	2.8
18	13.0	25.0	18.5	82.7	.2	0.0	.2	6.3
19	13.4	26.3	17.6	81.3	30.4	.1	30.5	7.0
20	13.0	26.2	18.9	80.3	0.0	0.0	0.0	6.9
21	16.2	25.3	19.3	85.3	6.3	0.0	6.3	4.2
22	15.4	25.5	19.0	85.0	.1	0.0	.1	2.8
23	15.0	27.1	20.0	83.3	.2	28.9	29.1	5.2
24	15.9	26.4	19.1	85.7	2.2	15.3	17.5	2.9
25	15.8	25.8	18.8	83.3	9.9	3.5	13.4	4.8
26	15.5	25.0	18.7	87.3	0.0	0.0	0.0	2.6
27	12.6	25.8	18.8	79.7	.3	0.0	.3	5.4
28	15.4	27.8	19.9	79.0	.1	3.9	4.0	5.8
29	15.5	26.3	19.7	80.3	.3	1.6	1.9	4.3
30	16.0	27.0	19.8	79.0	0.0	.2	.2	8.4
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	14.8	25.8	18.9	82.4	68.8	82.8	151.6	145.2

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.0	27.2	19.2	79.7	10.4	0.0	10.4	5.3
2	14.5	27.0	19.4	80.7	0.0	2.8	2.8	3.7
3	16.0	26.0	20.6	75.0	0.0	0.0	0.0	7.5
4	18.0	27.5	19.8	63.7	.1	6.5	6.6	3.4
5	15.0	25.7	18.5	84.0	11.5	.7	12.2	4.5
6	14.2	26.8	19.8	79.7	0.0	0.0	0.0	7.1
7	11.5	27.2	19.4	79.0	0.0	18.5	18.5	7.9
8	15.0	27.3	20.3	80.7	0.0	0.0	0.0	7.4
9	16.0	27.0	20.0	84.0	.2	.1	.3	5.2
10	16.5	26.8	20.0	83.0	0.0	19.0	19.0	4.9
11	14.5	26.0	19.5	80.0	0.0	0.0	0.0	6.5
12	15.0	28.0	19.9	81.0	0.0	0.0	0.0	8.3
13	16.0	26.4	18.8	82.3	0.0	0.0	0.0	7.6
14	13.5	27.2	18.5	79.3	0.0	0.0	0.0	8.6
15	14.2	26.5	19.0	81.0	0.0	0.0	0.0	7.8
16	16.0	26.4	19.8	79.7	0.0	.2	.2	2.7
17	16.1	25.0	18.3	85.0	0.0	5.0	5.0	2.2
18	15.0	26.0	18.6	80.3	0.0	0.0	0.0	3.5
19	14.0	25.0	18.0	85.0	0.0	0.0	0.0	4.5
20	15.0	26.8	19.0	80.0	0.0	0.0	0.0	6.8
21	11.2	27.2	18.7	75.0	0.0	.2	.2	7.2
22	14.0	26.2	18.8	77.3	0.0	0.0	0.0	4.9
23	15.2	26.5	18.6	79.3	0.0	0.0	0.0	7.9
24	13.8	27.0	19.8	76.0	0.0	0.0	0.0	7.9
25	13.2	27.2	20.4	75.7	0.0	0.0	0.0	7.3
26	11.0	26.8	19.0	75.7	0.0	0.0	0.0	4.7
27	11.1	26.9	19.0	76.7	0.0	0.0	0.0	6.6
28	10.9	27.2	18.9	75.3	0.0	.7	.7	7.7
29	15.0	26.6	19.9	74.0	0.0	0.0	0.0	6.3
30	16.8	27.1	20.1	75.3	0.0	0.0	0.0	7.7
31	9.0	26.9	18.6	75.7	0.0	0.0	0.0	6.7
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	14.2	26.7	19.3	78.7	22.2	53.7	75.9	190.3

Estación: BERTHA

Dpto.: BOYACA

Latitud : 05° 53'N

Año: 1991

Mpio.: MONIQUIRA

Longitud: 73° 34'W

Altitud : 1700 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	12.7	27.1	19.2	7.9	30.0	74.5	25.3	8	235.7
FEBRERO	13.9	27.6	20.0	11.0	30.0	73.6	107.8	14	
MARZO		26.2	19.2		29.2	79.3	128.6	19	133.7
ABRIL		26.6	19.3		29.0	77.2	208.7	24	138.8
MAYO	14.8	26.3	19.5	11.6	29.5	79.9	390.7	27	129.2
JUNIO	14.0	26.4	19.7	12.0	29.2	78.8	117.7	23	139.9
JULIO	12.9	26.2	19.0	11.0	29.2	78.5	164.8	23	
AGOSTO	12.5	25.7	19.0	10.0	28.2	71.5	69.2	13	146.6
SEPTIEMBRE	13.8	26.7	19.8	10.5	29.5	73.4	115.7	21	119.8
OCTUBRE	12.7	26.2	18.7	8.2	27.9	77.6	231.9	18	163.6
NOVIEMBRE	14.8	25.8	18.9	10.5	27.8	82.4	151.6	22	145.2
DICIEMBRE	14.2	26.7	19.3	9.0	28.0	78.7	75.9	11	190.3
PROMEDIO		26.4	19.3			77.1			
ABSOLUTA					30.0				
TOTAL							1787.9	223	

ESTACION: RAFAEL ESCOBAR

DPTO: CALDAS

LATITUD : 05° 28'N

AÑO: 1991

MPIO: SUPIA

LONGITUD: 75° 39'W

ALTITUD : 1320 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	26.4	20.7	82.0	0.0	2.2	2.2	3.4
2	16.0	28.2	21.3	76.7	0.0	0.0	0.0	6.9
3	18.2	26.4	22.0	80.3	0.0	0.0	0.0	2.8
4	18.0	28.3	22.6	76.3	0.0	0.0	0.0	6.2
5	17.4	29.2	23.0	74.7	0.0	.2	.2	7.1
6	19.2	29.3	23.2	71.3	0.0	25.1	25.1	4.0
7	16.2	28.3	21.9	76.0	0.0	0.0	0.0	7.6
8	17.2	29.8	23.0	71.0	0.0	0.0	0.0	8.3
9	18.0	29.9	23.6	70.7	0.0	0.0	0.0	9.3
10	17.0	29.4	23.0	71.7	0.0	0.0	0.0	8.1
11	17.8	28.8	23.4	73.3	0.0	9.2	9.2	5.7
12	18.4	28.0	21.8	82.3	0.0	0.0	0.0	5.3
13	18.0	28.4	22.8	69.7	0.0	5.1	5.1	9.2
14	17.9	28.2	21.4	78.7	0.0	0.0	0.0	3.8
15	17.2	25.0	20.0	83.3	.7	0.0	.7	1.7
16	16.0	29.6	22.1	70.7	0.0	0.0	0.0	8.9
17	17.0	28.2	22.3	71.7	0.0	0.0	0.0	7.8
18	18.2	29.0	22.9	70.7	0.0	22.7	22.7	7.2
19	18.0	28.8	22.6	74.3	0.0	6.0	6.0	7.0
20	17.8	28.2	21.9	77.7	0.0	0.0	0.0	4.9
21	18.2	30.1	23.2	68.3	0.0	4.8	4.8	7.5
22	17.2	30.0	22.6	66.3	0.0	0.0	0.0	9.8
23	15.9	29.8	23.5	64.3	0.0	0.0	0.0	9.8
24	15.5	30.2	22.6	68.3	0.0	0.0	0.0	9.8
25	16.4	31.4	23.4	62.3	0.0	0.0	0.0	9.7
26	16.2	30.2	23.0	64.0	0.0	0.0	0.0	9.1
27	16.9	26.5	21.7	71.3	0.0	0.0	0.0	3.6
28	16.0	31.8	24.3	59.3	0.0	0.0	0.0	9.2
29	17.0	32.0	23.8	67.3	0.0	0.0	0.0	10.0
30	18.3	29.4	23.4	72.3	0.0	0.0	0.0	3.6
31	18.6	30.2	23.5	68.0	0.0	0.0	0.0	6.9
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.3	29.0	22.6	72.1	.7	75.3	76.0	214.2

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	31.2	24.1	66.0	0.0	.2	.2	9.2
2	18.4	30.7	24.0	68.3	0.0	6.4	6.4	7.4
3	16.6	23.8	19.7	83.7	18.1	0.0	18.1	.5
4	16.0	29.2	21.6	73.0	.3	.1	.4	5.8
5	17.4	30.4	23.3	64.0	0.0	0.0	0.0	9.2
6	17.7	31.8	23.9	65.7	0.0	0.0	0.0	9.7
7	17.2	30.2	23.4	67.3	0.0	0.0	0.0	8.4
8	17.6	28.0	22.4	67.3	0.0	0.0	0.0	5.0
9	16.0	30.4	23.3	65.7	0.0	0.0	0.0	9.3
10	17.0	30.5	24.1	61.7	0.0	0.0	0.0	9.9
11	17.4	32.2	23.9	67.3	0.0	0.0	0.0	7.0
12	19.0	30.7	24.1	67.3	0.0	0.0	0.0	5.3
13	18.0	32.6	24.4	66.0	0.0	0.0	0.0	7.1
14	18.2	31.4	24.2	65.7	0.0	0.0	0.0	6.2
15	19.0	30.9	21.9	77.3	9.3	4.6	13.9	7.6
16	18.0	28.0	21.9	80.7	.5	0.0	.5	1.4
17	16.7	31.6	20.7	78.3	29.7	0.0	29.7	9.4
18	17.4	30.2	22.9	73.3	0.0	.3	.3	6.7
19	18.0	28.6	23.4	68.3	0.0	0.0	0.0	4.6
20	19.0	30.2	23.9	64.0	0.0	1.1	1.1	6.8
21	18.0	28.2	23.2	67.3	0.0	0.0	0.0	3.2
22	16.8	31.1	24.3	62.3	0.0	0.0	0.0	9.2
23	18.7	31.0	24.9	66.7	0.0	0.0	0.0	8.0
24	18.0	31.4	24.8	65.3	0.0	0.0	0.0	7.9
25	18.1	32.0	25.4	59.7	0.0	0.0	0.0	8.3
26	19.7	29.4	23.8	72.0	0.0	0.0	0.0	1.3
27	18.5	32.4	24.8	63.7	0.0	0.0	0.0	8.5
28	19.6	29.6	24.0	71.3	0.0	.2	.2	3.8
29								
30								
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.9	30.3	23.4	68.5	57.9	12.9	70.8	186.7

ESTACION: RAFAEL ESCOBAR

DPTO: CALDAS

LATITUD : 05° 28'N

LONGITUD: 75° 39'W

AÑO: 1991

MPIO: SUPIA

ALTITUD : 1320 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.9	31.0	22.5	75.3	0.0	0.0	0.0	5.1
2	18.0	27.4	21.4	82.7	4.9	.8	5.7	1.8
3	17.0	28.4	23.0	71.0	.1	0.0	.1	4.2
4	16.8	32.4	22.9	70.7	3.0	18.1	21.1	6.9
5	17.5	28.2	22.2	77.7	0.0	0.0	0.0	4.4
6	17.2	30.2	24.1	64.3	0.0	2.7	2.7	7.8
7	18.0	28.2	22.9	72.3	0.0	23.4	23.4	3.0
8	17.8	27.9	22.5	77.0	2.2	0.0	2.2	4.0
9	17.5	28.9	23.1	70.7	2.8	0.0	2.8	5.6
10	17.6	27.7	22.6	76.0	0.0	0.0	0.0	3.0
11	18.0	29.9	22.6	74.3	0.0	0.0	0.0	5.9
12	18.9	28.2	21.6	80.7	11.7	0.0	11.7	1.5
13	18.6	30.1	23.4	74.0	0.0	0.0	0.0	5.1
14	18.9	27.4	21.2	83.3	0.0	.3	.3	2.5
15	17.8	27.9	22.4	75.0	.1	47.5	47.6	1.5
16	18.2	29.4	23.2	73.3	0.0	3.7	3.7	5.5
17	19.0	28.9	23.2	76.3	0.0	.8	.8	5.4
18	17.0	31.4	23.7	67.0	0.0	0.0	0.0	8.9
19	17.4	30.4	23.7	67.3	0.0	0.0	0.0	9.4
20	19.0	30.3	24.4	54.7	0.0	0.0	0.0	8.6
21	16.8	30.2	23.4	60.0	0.0	0.0	0.0	9.0
22	17.8	30.5	23.9	70.7	0.0	10.8	10.8	5.1
23	18.0	29.9	21.1	78.3	24.5	5.2	29.7	7.2
24	17.5	28.0	22.2	80.0	0.0	9.3	9.3	5.7
25	18.0	27.4	22.0	80.3	2.6	20.7	23.3	3.1
26	17.9	22.0	20.0	88.3	1.7	11.5	13.2	0.0
27	16.0	25.8	21.0	78.3	0.0	2.4	2.4	1.3
28	18.0	24.5	19.6	89.0	8.4	0.0	8.4	.4
29	16.0	28.2	22.0	76.7	0.0	0.0	0.0	6.4
30	17.0	27.5	21.7	71.7	0.0	0.0	0.0	5.9
31	16.4	25.4	20.9	76.7	0.0	2.7	2.7	3.3
TOTAL PROMEDIO	17.7	28.5	22.4	74.6	62.0	159.9	221.9	147.5

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.1	25.2	20.6	76.7	1.5	.2	1.7	1.4
2	17.0	27.4	21.5	71.0	0.0	0.0	0.0	4.2
3	15.9	29.9	23.4	63.0	0.0	.3	.3	9.8
4	18.2	29.8	22.7	75.3	0.0	0.0	0.0	5.5
5	18.0	29.9	23.1	75.3	0.0	.1	.1	5.5
6	18.2	28.6	21.9	78.3	.2	0.0	.2	4.3
7	18.6	29.2	23.2	75.3	0.0	0.0	0.0	5.5
8	18.0	28.0	21.7	79.0	9.9	4.7	14.6	3.1
9	17.8	26.8	21.7	74.3	0.0	14.3	14.3	1.6
10	17.9	27.7	21.5	79.3	1.9	0.0	1.9	2.5
11	18.0	28.5	22.9	73.7	0.0	0.0	0.0	3.7
12	18.7	24.4	20.8	81.3	0.0	0.0	0.0	.9
13	18.0	26.3	20.6	81.7	2.2	.3	2.5	1.9
14	17.2	27.1	20.7	82.3	.2	.8	1.0	5.2
15	17.0	27.8	21.5	75.3	1.9	0.0	1.9	4.0
16	16.9	29.5	23.8	68.0	0.0	0.0	0.0	10.0
17	18.0	27.5	22.7	73.7	0.0	.4	.4	5.5
18	17.8	28.5	22.3	75.7	.6	.2	.8	6.9
19	17.0	28.6	22.9	70.0	0.0	0.0	0.0	7.9
20	18.6	29.2	23.7	72.0	0.0	0.0	0.0	6.4
21	17.0	28.4	22.7	76.3	0.0	0.0	0.0	6.1
22	18.2	28.0	23.7	75.0	0.0	0.0	0.0	4.9
23	19.0	29.5	21.8	80.0	6.5	0.0	6.5	6.0
24	17.7	29.4	23.1	76.0	0.0	0.0	0.0	5.5
25	18.3	29.7	24.0	70.3	0.0	0.0	0.0	7.0
26	18.4	29.2	23.2	73.3	0.0	1.1	1.1	4.4
27	17.0	28.5	21.3	78.7	.1	1.6	1.7	7.0
28	17.1	27.6	20.9	81.3	1.1	0.0	1.1	3.8
29	17.8	28.9	23.2	74.0	0.0	0.0	0.0	5.9
30	17.7	30.9	21.3	76.3	24.0	15.6	39.6	8.7
31	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	17.7	28.3	22.3	75.4	50.1	39.6	89.7	155.1

ESTACION: RAFAEL ESCOBAR

DPTO: CALDAS

LATITUD : 05° 28'N

AÑO: 1991

MPIO: SUPIA

LONGITUD: 75° 39'W

ALTITUD : 1320 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.6	27.2	22.1	77.3	0.0	.5	.5	5.8
2	19.0	28.8	23.5	76.7	0.0	4.4	4.4	3.8
3	18.9	25.4	21.9	84.7	0.0	0.0	0.0	.1
4	18.5	26.8	22.5	76.7	0.0	8.8	8.8	3.4
5	18.2	26.9	21.0	86.3	.1	0.0	.1	2.4
6	18.0	29.8	23.3	76.3	0.0	0.0	0.0	7.2
7	19.4	29.9	23.8	74.3	0.0	0.0	0.0	3.0
8	19.2	29.8	24.2	70.3	0.0	0.0	0.0	8.9
9	19.6	26.8	23.4	77.3	0.0	0.0	0.0	.4
10	18.8	30.5	23.5	71.3	0.0	3.0	3.0	6.6
11	17.5	28.0	23.1	76.0	0.0	.2	.2	5.6
12	19.3	28.2	21.7	85.7	16.3	.4	16.7	3.0
13	18.3	29.4	22.7	76.3	0.0	.2	.2	6.9
14	19.9	27.9	23.6	75.7	0.0	0.0	0.0	.5
15	19.0	28.9	23.5	73.3	0.0	0.0	0.0	4.3
16	19.8	27.1	22.7	80.0	0.0	8.7	8.7	2.6
17	18.8	25.8	19.3	91.3	41.4	0.0	41.4	1.0
18	17.0	27.0	20.7	83.0	9.8	0.0	9.8	1.9
19	17.7	26.2	21.1	80.7	.6	29.2	29.8	4.1
20	17.5	27.0	20.9	81.3	14.3	36.2	50.5	2.9
21	17.3	23.0	19.6	91.7	1.9	.5	2.4	0.0
22	17.5	24.1	19.8	89.0	3.4	0.0	3.4	.7
23	18.0	27.5	20.7	82.0	2.3	18.0	20.3	5.8
24	17.0	25.9	20.7	80.0	0.0	.3	.3	4.3
25	16.7	29.4	22.4	76.0	0.0	0.0	0.0	8.3
26	17.7	28.2	23.0	74.3	0.0	0.0	0.0	4.2
27	18.5	29.9	23.6	73.7	0.0	0.0	0.0	4.9
28	18.4	30.1	24.4	72.7	0.0	3.8	3.8	9.1
29	17.9	27.8	22.8	78.0	0.0	.3	.3	5.1
30	18.1	25.3	21.8	80.7	0.0	0.0	0.0	3.3
31	19.1	26.9	21.9	83.7	.7	1.3	2.0	1.1
TOTAL PROMEDIO	18.3	27.6	22.2	79.2	90.8	115.8	206.6	121.2

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.9	25.9	22.3	79.0	0.0	0.0	0.0	2.4
2	18.4	28.1	22.4	81.3	.2	8.4	8.6	3.3
3	18.2	28.8	22.9	80.0	0.0	3.2	3.2	4.5
4	18.8	28.9	23.4	74.0	0.0	.3	.3	5.1
5	18.0	27.0	22.1	79.0	0.0	0.0	0.0	3.2
6	19.8	27.4	22.1	82.0	.7	0.0	.7	1.9
7	18.5	29.8	24.3	68.7	0.0	0.0	0.0	9.4
8	18.6	29.2	23.8	74.0	0.0	0.0	0.0	7.1
9	19.0	29.3	24.1	74.7	0.0	0.0	0.0	8.5
10	18.9	29.9	24.2	70.3	0.0	0.0	0.0	8.4
11	18.8	31.2	24.9	67.7	0.0	0.0	0.0	10.0
12	18.9	29.9	24.6	73.3	0.0	0.0	0.0	7.5
13	18.4	29.4	23.9	69.0	0.0	0.0	0.0	8.2
14	18.8	28.5	22.2	82.7	0.0	0.0	0.0	4.1
15	18.1	28.4	22.8	74.7	0.0	12.7	12.7	6.5
16	17.9	26.0	21.2	88.7	1.6	20.8	22.4	2.7
17	17.8	26.8	21.5	83.0	2.9	0.0	2.9	3.0
18	17.6	27.2	22.4	80.3	0.0	0.0	0.0	1.7
19	18.4	27.1	22.1	81.7	0.0	0.0	0.0	2.6
20	18.0	28.4	23.7	73.3	0.0	4.3	4.3	5.8
21	17.8	25.7	21.3	86.7	0.0	0.0	0.0	2.8
22	17.0	27.6	22.5	75.7	0.0	4.3	4.3	7.2
23	18.9	27.2	21.7	79.3	0.0	.3	.3	2.8
24	17.9	27.6	22.4	81.0	.3	6.5	6.8	4.9
25	17.8	27.8	21.8	76.3	0.0	1.2	1.2	5.7
26	17.4	27.2	22.1	71.7	0.0	12.3	12.3	5.6
27	17.8	25.6	20.8	87.0	1.3	6.1	7.4	2.8
28	18.2	26.4	21.6	79.0	0.0	0.0	0.0	5.2
29	17.7	25.8	20.6	84.0	3.8	0.0	3.8	3.1
30	16.0	25.9	21.2	76.0	.3	0.0	.3	4.9
31	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	18.2	27.8	22.6	77.8	11.1	80.4	91.5	150.9

ESTACION: RAFAEL ESCOBAR

DPTO: CALDAS

LATITUD : 05° 28'N

AÑO: 1991

MPIO: SUPIA

LONGITUD: 75° 39'W

ALTITUD : 1320 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.1	27.5	21.9	77.3	0.0	0.0	0.0	4.7
2	18.3	29.2	23.5	72.7	0.0	0.0	0.0	7.7
3	17.2	28.3	23.1	71.0	0.0	5.0	5.0	5.1
4	18.8	27.8	21.2	82.7	8.9	0.0	8.9	2.9
5	16.4	26.3	21.1	80.7	0.2	4.1	4.3	1.7
6	17.0	26.0	21.3	79.3	0.0	0.9	0.9	4.3
7	18.0	26.9	20.9	84.0	7.5	0.0	7.5	4.5
8	17.6	28.4	22.4	76.3	0.0	1.9	1.9	8.2
9	17.0	26.0	21.0	83.3	0.2	0.0	0.2	0.6
10	15.9	27.4	22.0	75.7	0.0	0.0	0.0	7.0
11	17.1	28.8	22.6	72.7	0.0	0.3	0.3	8.1
12	17.0	28.2	22.0	73.3	0.1	0.0	0.1	7.5
13	16.5	27.5	22.1	73.7	0.0	0.0	0.0	6.4
14	15.6	28.7	22.6	72.7	0.0	0.0	0.0	9.2
15	17.9	28.9	23.7	71.7	0.0	0.0	0.0	8.4
16	18.0	28.1	22.5	71.7	0.0	0.0	0.0	4.3
17	16.8	29.2	23.1	71.3	0.0	0.0	0.0	7.2
18	18.0	28.8	23.7	71.3	0.0	0.0	0.0	7.0
19	17.4	30.0	23.7	65.0	0.0	0.0	0.0	8.2
20	17.7	29.7	23.5	65.0	0.0	0.0	0.0	5.7
21	19.0	29.4	23.9	72.7	0.0	0.0	0.0	4.6
22	17.4	30.1	24.3	65.7	0.0	0.0	0.0	10.1
23	16.9	30.0	23.7	68.3	0.0	0.0	0.0	9.1
24	17.5	28.0	21.5	77.3	0.0	0.0	0.0	0.2
25	16.4	28.2	23.1	67.7	0.0	0.0	0.0	8.3
26	15.9	30.7	23.2	65.0	0.0	0.0	0.0	7.8
27	18.2	27.4	22.4	73.0	0.0	0.0	0.0	3.8
28	18.1	29.0	22.5	77.3	0.2	0.0	0.2	5.2
29	17.6	28.8	23.1	73.7	0.0	0.0	0.0	3.9
30	19.0	26.4	20.7	82.7	3.0	10.7	13.7	0.9
31	17.7	24.0	19.3	86.0	0.8	22.0	22.8	0.5
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.4	28.2	22.4	74.2	20.9	44.9	65.8	173.1

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	24.8	19.4	87.7	0.5	0.0	0.5	2.1
2	16.0	27.9	22.4	75.3	0.0	1.6	1.6	6.0
3	18.6	27.8	22.0	75.0	0.0	0.0	0.0	6.5
4	16.3	28.7	22.8	69.7	0.0	0.0	0.0	8.3
5	18.4	26.3	22.4	76.0	0.0	0.0	0.0	1.3
6	17.8	27.9	23.2	72.3	0.0	0.0	0.0	4.4
7	17.7	27.8	22.7	76.0	0.0	8.5	8.5	4.3
8	17.5	27.6	22.4	72.0	0.0	26.7	26.7	6.3
9	16.9	26.5	21.6	79.3	0.0	13.6	13.6	4.6
10	16.5	24.8	21.0	82.0	0.0	0.0	0.0	1.7
11	15.8	28.4	22.2	66.3	0.0	0.0	0.0	9.7
12	17.9	27.9	22.5	68.3	0.0	0.0	0.0	3.7
13	16.7	28.6	22.6	63.0	0.0	0.0	0.0	9.7
14	18.4	28.2	22.7	62.0	0.0	0.0	0.0	6.6
15	16.7	29.9	23.3	63.3	0.0	0.0	0.0	8.7
16	15.9	29.0	22.2	65.3	0.0	0.0	0.0	9.3
17	17.4	28.6	22.3	71.3	0.1	0.0	0.1	6.0
18	17.3	27.5	22.1	75.7	0.0	0.0	0.0	5.0
19	18.1	28.8	22.8	72.7	0.0	0.0	0.0	6.2
20	17.8	29.9	23.7	67.7	0.0	0.0	0.0	7.4
21	17.4	29.1	23.2	69.0	0.0	0.0	0.0	4.6
22	17.2	29.0	23.2	68.3	0.0	0.0	0.0	7.9
23	17.0	29.8	23.2	66.0	0.0	0.0	0.0	6.1
24	16.9	29.9	23.3	60.0	0.0	0.0	0.0	6.8
25	16.3	29.8	23.8	65.0	0.0	0.0	0.0	8.4
26	16.5	31.0	24.3	61.7	0.0	0.0	0.0	9.3
27	17.8	30.8	24.2	67.3	0.0	0.0	0.0	5.9
28	17.7	30.4	24.8	62.3	0.0	0.0	0.0	6.7
29	16.4	31.2	23.8	53.3	0.0	0.0	0.0	8.7
30	16.8	27.8	22.5	62.7	0.0	0.0	0.0	2.7
31	18.0	30.0	23.5	66.3	0.0	0.0	0.0	5.5
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.2	28.6	22.8	69.1	0.6	50.4	51.0	190.4

ESTACION: RAFAEL ESCOBAR

DPTO: CALDAS

LATITUD : 05° 28'N

AÑO: 1991

MPIO: SUPIA

LONGITUD: 75° 39'W

ALTITUD : 1320 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	29.3	23.5	67.0	0.0	0.0	0.0	1.7
2	17.2	32.1	25.1	61.0	0.0	0.0	0.0	9.7
3	18.9	29.1	23.2	71.0	0.0	0.0	0.0	.3
4	17.8	31.5	24.6	62.7	0.0	0.0	0.0	7.4
5	17.4	32.2	24.8	63.7	0.0	0.0	0.0	7.9
6	19.3	28.5	23.9	70.7	0.0	18.3	18.3	.1
7	15.2	29.8	22.9	68.3	0.0	0.0	0.0	7.0
8	17.0	30.8	23.7	67.3	0.0	0.0	0.0	7.2
9	17.8	32.7	24.9	62.3	0.0	0.0	0.0	9.7
10	18.8	30.9	26.2	55.7	0.0	0.0	0.0	6.1
11	18.5	31.6	24.7	48.0	0.0	0.0	0.0	7.8
12	16.8	32.3	25.7	45.3	0.0	0.0	0.0	8.5
13	16.9	31.5	24.2	56.7	0.0	0.0	0.0	8.3
14	17.4	28.9	23.2	68.7	0.0	4.7	4.7	2.9
15	18.0	26.7	21.7	79.3	0.0	12.9	12.9	1.7
16	16.5	24.0	19.9	84.3	.2	8.3	8.5	.6
17	17.1	28.0	22.2	74.3	.1	11.2	11.3	3.6
18	17.5	28.7	21.8	77.7	7.9	31.6	39.5	6.6
19	17.8	29.0	21.9	76.3	0.0	3.9	3.9	5.7
20	18.2	24.4	19.9	83.0	1.3	.4	1.7	.3
21	16.4	27.0	20.8	80.3	.5	10.9	11.4	2.2
22	17.0	27.4	20.7	80.0	0.0	34.3	34.3	3.9
23	17.1	27.5	22.1	74.3	0.0	4.4	4.4	5.8
24	18.0	27.4	20.4	81.3	3.4	0.0	3.4	2.3
25	15.9	28.4	20.8	76.0	10.7	23.2	33.9	4.8
26	16.9	27.2	21.9	77.0	0.0	3.9	3.9	3.5
27	16.3	26.5	21.0	78.3	0.0	0.0	0.0	5.0
28	18.0	28.9	23.7	71.0	0.0	6.4	6.4	8.4
29	17.4	26.9	21.8	77.3	0.0	.4	.4	5.0
30	18.5	29.4	21.3	80.0	17.4	.3	17.7	5.9
31								
TOTAL					41.5	175.1	216.6	149.9
PROMEDIO	17.5	29.0	22.7	70.6				

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.9	27.2	22.1	76.3	0.0	0.0	0.0	4.7
2	17.6	28.6	22.7	71.0	0.0	18.4	18.4	5.4
3	16.0	27.0	21.5	76.7	0.0	0.0	0.0	5.8
4	16.4	27.7	22.2	72.3	0.0	0.0	0.0	7.2
5	17.4	28.9	21.7	77.7	10.1	10.4	20.5	6.2
6	15.0	28.3	21.1	75.7	0.0	0.0	0.0	6.8
7	17.5	27.9	21.1	76.3	2.6	1.3	3.9	4.7
8	17.4	27.2	21.4	76.3	.2	0.0	.2	2.7
9	17.3	25.4	20.5	80.3	0.0	3.1	3.1	.5
10	17.5	23.4	19.7	86.0	1.7	.1	1.8	.2
11	16.9	27.2	20.0	79.0	19.4	.3	19.7	4.3
12	15.4	28.0	21.9	70.3	0.0	0.0	0.0	8.4
13	17.5	28.4	21.3	78.3	.8	0.0	.8	7.1
14	16.0	27.8	22.5	67.3	0.0	1.1	1.1	6.9
15	16.6	27.0	21.1	75.0	0.0	0.0	0.0	6.1
16	16.9	29.8	22.8	70.0	0.0	0.0	0.0	8.6
17	17.0	28.2	22.6	73.7	0.0	10.4	10.4	6.4
18	16.9	22.5	18.8	91.0	5.1	0.0	5.1	.1
19	14.9	27.4	21.0	73.7	0.0	0.0	0.0	8.3
20	15.2	28.9	21.9	69.7	0.0	0.0	0.0	9.5
21	15.4	30.0	22.3	60.7	0.0	0.0	0.0	9.8
22	16.2	29.2	22.7	70.0	0.0	0.0	0.0	9.8
23	16.4	29.1	23.0	72.0	0.0	0.0	0.0	8.2
24	18.4	26.9	22.4	79.3	0.0	0.0	0.0	2.4
25	17.8	29.4	22.1	75.7	.5	1.1	1.6	6.6
26	17.2	28.6	22.1	75.3	0.0	14.4	14.4	6.6
27	15.9	24.8	19.6	84.3	22.4	0.0	22.4	2.0
28	17.0	28.2	21.2	74.3	0.0	0.0	0.0	4.9
29	15.6	28.5	20.7	75.7	7.1	1.3	8.4	7.5
30	17.4	28.9	21.9	77.3	0.0	0.0	0.0	5.4
31	17.1	28.8	21.8	69.0	0.0	0.0	0.0	6.5
TOTAL					69.9	61.9	131.8	179.6
PROMEDIO	16.7	27.7	21.5	75.2				

ESTACION: RAFAEL ESCOBAR

DPTO: CALDAS

LATITUD : 05° 28'N

AÑO: 1991

MPIO: SUPIA

LONGITUD: 75° 39'W
ALTITUD : 1320 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.3	29.1	22.2	76.0	0.0	19.0	19.0	3.9
2	17.0	26.3	21.5	76.7	0.0	2.9	2.9	6.6
3	17.4	27.1	22.1	76.0	0.0	33.3	33.3	6.6
4	17.3	24.6	20.3	83.3	7.4	1.6	9.0	2.3
5	17.1	27.9	21.7	78.0	0.0	1.2	1.2	5.1
6	17.5	28.4	22.1	74.0	2.3	10.4	12.7	5.2
7	17.8	27.2	20.9	82.0	4.2	1.7	5.9	4.3
8	16.9	26.8	20.1	85.3	8.9	4.9	13.8	2.9
9	16.8	25.6	21.1	80.7	0.0	16.9	16.9	2.7
10	17.2	25.8	20.2	85.0	0.0	0.0	0.0	3.3
11	16.6	29.2	22.5	71.3	0.0	0.0	0.0	7.4
12	16.9	28.9	23.0	70.3	0.0	1.5	1.5	9.3
13	18.8	27.2	21.5	80.0	0.0	.2	.2	3.2
14	17.1	27.5	20.9	78.0	4.7	2.1	6.8	4.2
15	17.0	27.3	20.2	80.3	1.6	.2	1.8	4.6
16	17.3	27.0	21.9	75.3	0.0	4.4	4.4	6.9
17	17.0	27.4	21.4	76.3	0.0	8.2	8.2	6.6
18	16.0	29.0	22.2	69.3	0.0	0.0	0.0	9.3
19	16.9	26.9	21.3	77.3	0.0	0.0	0.0	1.9
20	17.4	27.4	21.7	74.7	0.0	1.4	1.4	5.3
21	18.2	27.2	21.2	80.0	0.0	0.0	0.0	2.9
22	17.1	27.9	22.7	75.3	0.0	.4	.4	6.4
23	18.7	28.6	21.9	79.7	1.9	.9	2.8	5.1
24	17.7	26.8	21.8	79.0	.6	31.9	32.5	3.7
25	17.2	24.8	20.5	85.3	0.0	0.0	0.0	0.0
26	17.0	28.0	21.9	76.0	0.0	0.0	0.0	4.8
27	18.4	26.8	22.1	79.3	0.0	0.0	0.0	3.5
28	18.5	28.6	22.9	76.0	0.0	24.3	24.3	6.2
29	17.7	23.4	20.1	87.0	0.0	0.0	0.0	.1
30	17.0	28.6	22.2	73.7	0.0	0.0	0.0	7.7
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.3	27.2	21.5	78.0	31.6	167.4	199.0	142.0

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	29.5	23.2	76.3	0.0	.1	.1	8.4
2	19.0	26.2	22.0	81.0	0.0	23.4	23.4	1.5
3	17.8	28.2	22.0	80.7	0.0	8.3	8.3	3.2
4	18.4	27.9	22.4	77.7	0.0	3.1	3.1	5.2
5	18.2	23.0	19.9	90.0	0.0	0.0	0.0	0.0
6	16.8	28.2	21.4	78.3	0.0	0.0	0.0	6.6
7	19.1	29.0	23.6	75.7	0.0	27.6	27.6	7.2
8	19.2	28.9	23.4	77.7	0.0	27.3	27.3	6.2
9	18.9	24.0	20.2	89.3	2.0	0.0	2.0	.6
10	18.3	28.9	21.1	81.3	1.1	0.0	1.1	6.4
11	17.8	28.7	22.7	78.3	0.0	0.0	0.0	6.7
12	19.0	28.9	23.9	76.7	0.0	42.1	42.1	6.2
13	16.9	28.0	22.3	79.3	0.0	.1	.1	4.9
14	18.3	24.9	20.5	84.7	.5	13.3	13.8	.5
15	17.9	24.7	20.8	86.3	.1	1.1	1.2	.2
16	17.5	26.9	19.9	75.7	0.0	2.2	2.2	3.9
17	18.0	22.4	19.5	88.0	20.7	0.0	20.7	.3
18	16.8	28.2	21.4	76.7	.1	0.0	.1	7.4
19	16.0	27.9	21.8	77.0	0.0	0.0	0.0	7.5
20	17.3	28.9	21.8	73.7	0.0	0.0	0.0	7.7
21	17.4	28.4	21.6	75.0	0.0	0.0	0.0	7.1
22	17.3	23.8	20.1	83.0	0.0	0.0	0.0	.1
23	16.7	26.4	21.2	79.0	0.0	0.0	0.0	3.9
24	16.2	28.9	22.4	67.3	0.0	0.0	0.0	9.4
25	16.0	28.4	21.7	71.7	0.0	0.0	0.0	5.9
26	16.5	28.8	21.7	74.0	0.0	0.0	0.0	7.0
27	17.3	29.2	22.5	71.7	0.0	0.0	0.0	8.9
28	17.7	28.2	22.2	74.0	0.0	3.0	3.0	4.0
29	17.4	25.4	20.3	80.7	.5	0.0	.5	3.4
30	16.3	28.4	21.9	73.3	0.0	0.0	0.0	7.3
31	16.1	29.0	22.4	71.7	0.0	0.0	0.0	9.7
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.5	27.4	21.7	78.2	25.0	151.6	176.6	157.3

Estación: RAFAEL ESCOBAR

Dpto.: CALDAS

Latitud : 05° 28'N

Año: 1991

Mpio.: SUPIA

Longitud: 75° 39'W

Altitud : 1320 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
ENERO	17.3	29.0	22.6	15.5	32.0	72.1	76.0	9	214.2
FEBRERO	17.9	30.3	23.4	16.0	32.6	68.5	70.8	10	186.7
MARZO	17.7	28.5	22.4	16.0	32.4	74.6	221.9	20	147.5
ABRIL	17.7	28.3	22.3	15.9	30.9	75.4	89.7	17	155.1
MAYO	18.3	27.6	22.2	16.7	30.5	79.2	206.6	20	121.2
JUNIO	18.2	27.8	22.6	16.0	31.2	77.8	91.5	16	150.9
JULIO	17.4	28.2	22.4	15.6	30.7	74.2	65.8	12	173.1
AGOSTO	17.2	28.6	22.8	15.8	31.2	69.1	51.0	6	190.4
SEPTIEMBRE	17.5	29.0	22.7	15.2	32.7	70.6	216.6	17	149.9
OCTUBRE	16.7	27.7	21.5	14.9	30.0	75.2	131.8	15	179.6
NOVIEMBRE	17.3	27.2	21.5	16.0	29.2	78.0	199.0	20	142.0
DIEMBRE	17.5	27.4	21.7	16.0	29.5	78.2	176.6	17	157.3
PROMEDIO	17.6	28.3	22.3			74.5			
ABSOLUTA				14.9	32.7				
TOTAL							1597.3	179	1967.9

ESTACION: SANTA HELENA

DPTO: CALDAS

LATITUD : 05° 19'N

AÑO: 1991

MPIO: MARQUETALIA

LONGITUD: 75° 00'W

ALTITUD : 1450 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	24.2	19.9	87.7	.2	26.1	26.3	2.0
2	16.8	25.1	20.0	88.0	0.0	30.3	30.3	4.9
3	17.4	23.8	20.1	88.0	.2	30.9	31.1	2.3
4	17.2	23.4	20.1	88.7	0.0	.9	.9	1.2
5	18.2	25.3	21.1	84.7	0.0	16.9	16.9	7.9
6	17.4	25.1	21.0	86.0	0.0	38.3	38.3	4.9
7	17.0	24.4	20.0	80.0	0.0	0.0	0.0	4.1
8	18.0	24.2	21.0	81.3	0.0	.1	.1	5.5
9	18.7	25.2	21.4	85.7	0.0	.4	.4	4.8
10	18.8	25.0	21.4	88.0	0.0	2.8	2.8	1.8
11	18.9	24.9	20.9	88.3	0.0	4.2	4.2	2.8
12	18.5	23.2	20.4	86.0	0.0	.1	.1	2.5
13	18.0	24.9	20.4	81.3	0.0	0.0	0.0	8.4
14	18.1	25.2	20.5	79.0	0.0	1.7	1.7	3.4
15	18.0	24.2	20.3	86.3	4.7	33.3	38.0	3.4
16	17.0	24.8	20.7	81.0	0.0	2.5	2.5	8.1
17	17.2	25.2	20.5	84.0	0.0	0.0	0.0	5.3
18	18.0	25.4	20.6	83.7	0.0	0.0	0.0	3.7
19	17.8	24.8	20.6	83.3	0.0	0.0	0.0	4.4
20	17.9	24.3	20.3	86.7	0.0	0.0	0.0	4.9
21	17.8	25.4	20.4	82.3	0.0	0.0	0.0	6.0
22	16.8	25.5	21.1	77.3	0.0	0.0	0.0	8.0
23	17.1	26.0	21.0	79.7	0.0	0.0	0.0	7.5
24	18.2	25.7	22.1	71.0	1.7	0.0	1.7	7.6
25	17.8	27.0	21.9	75.0	0.0	0.0	0.0	8.4
26	18.8	26.5	21.5	79.3	0.0	0.0	0.0	7.0
27	18.0	25.0	21.2	81.7	0.0	0.0	0.0	3.7
28	18.4	27.0	22.6	71.7	0.0	20.7	20.7	9.5
29	15.5	27.2	22.5	73.0	0.0	0.0	0.0	8.9
30	18.8	25.0	21.3	87.0	0.0	9.5	9.5	2.8
31	16.0	25.2	21.2	81.3	0.0	0.0	0.0	5.4
TOTAL PROMEDIO	17.7	25.1	20.9	82.5	6.8	218.7	225.5	161.1

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	26.0	21.3	80.0	0.0	3.5	3.5	6.1
2	17.8	26.2	21.5	80.7	0.0	0.0	0.0	6.8
3	17.6	25.1	20.5	85.0	0.0	20.2	20.2	
4	16.0	22.2	18.9	86.3	.2	0.0	.2	.6
5	18.0	24.2	20.4	87.7	0.0	24.5	24.5	2.0
6	17.9	24.1	20.6	84.0	0.0	1.6	1.6	2.3
7	18.0	22.8	20.0	89.3	.2	0.0	.2	.6
8	16.9	19.7	17.6	95.0	.5	0.0	.5	.5
9	16.6	23.1	19.7	88.7	0.0	0.0	0.0	1.9
10	17.0	22.8	19.5	89.0	0.0	0.0	0.0	1.8
11	17.8	24.9	20.6	84.7	0.0	1.2	1.2	1.4
12	18.1	23.5	20.0	90.7	1.1	2.4	3.5	.8
13	17.8	26.1	21.2	81.3	0.0	0.0	0.0	5.8
14	18.7	24.9	21.4	85.0	0.0	0.0	0.0	3.2
15	17.0	25.8	21.5	83.3	.1	4.1	4.2	2.1
16	17.1	23.4	20.0	72.7	0.0	0.0	0.0	.6
17	18.4	26.2	21.3	83.7	0.0	8.9	8.9	4.8
18	18.0	25.4	21.2	85.3	0.0	.7	.7	2.1
19	18.7	25.3	21.5	84.0	0.0	0.0	0.0	3.3
20	18.1	25.6	21.1	84.7	0.0	32.6	32.6	3.6
21	17.3	23.0	19.6	90.7	.1	0.0	.1	1.2
22	18.6	26.0	22.3	75.7	0.0	10.8	10.8	7.0
23	19.0	26.5	23.1	72.3	0.0	0.0	0.0	5.5
24	20.2	26.8	21.8	70.7	0.0	0.0	0.0	5.6
25	19.8	28.0	23.7	59.0	0.0	.4	.4	6.4
26	19.2	27.0	22.1	76.0	0.0	0.0	0.0	2.9
27	19.4	27.9	22.6	81.3	0.0	.2	.2	6.1
28	19.1	26.7	22.1	75.3	0.0	0.0	0.0	3.7
29								
30								
31								
TOTAL PROMEDIO	18.1	25.0	20.9	82.2	2.2	111.1	113.3	

ESTACION: SANTA HELENA

DPTO: CALDAS

LATITUD : 05° 19'N

AÑO: 1991

MPIO: MARQUETALIA

LONGITUD: 75° 00'W
ALTITUD : 1450 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	19.9	27.0	22.1	77.7	0.0	0.0	0.0	4.4
2	18.5	23.0	20.5	82.3	.4	7.6	8.0	.2
3	17.0	25.2	20.2	80.0	6.2	.1	6.3	2.7
4	18.0	23.0	20.3	87.0	1.5	14.6	16.1	1.8
5	17.4	22.8	19.3	88.3	18.3	39.1	57.4	1.4
6	17.0	23.8	20.0	89.3	.3	25.7	26.0	2.6
7	17.9	23.7	20.3	90.0	.3	0.0	.3	1.4
8	18.0	24.8	20.5	87.3	0.0	0.0	0.0	1.4
9	17.8	22.2	20.0	86.3	.3	3.7	4.0	.4
10	17.4	22.0	19.3	88.7	0.0	0.0	0.0	.1
11	17.1	25.0	19.7	92.0	5.4	0.0	5.4	1.6
12	18.2	23.1	19.9	90.0	.2	.3	.5	.6
13	18.9	25.4	22.2	80.0	0.0	0.0	0.0	2.5
14	20.0	25.0	20.9	91.3	.5	0.0	.5	2.3
15	20.1	26.8	22.2	79.0	0.0	12.0	12.0	3.0
16	18.0	24.2	21.6	83.3	0.0	42.0	42.0	2.5
17	17.0	25.2	21.4	86.7	0.0	0.0	0.0	3.0
18	19.0	25.4	21.6	86.3	0.0	0.0	0.0	5.4
19	19.7	25.7	22.0	81.3	0.0	0.0	0.0	6.7
20	18.8	24.9	21.4	79.7	0.0	0.0	0.0	2.7
21	18.7	27.2	22.3	74.3	0.0	0.0	0.0	5.5
22	19.8	26.0	21.8	84.0	1.7	11.4	13.1	1.5
23	18.8	27.2	22.8	77.0	0.0	42.0	42.0	4.5
24	18.0	24.8	20.6	88.0	0.0	11.5	11.5	1.8
25	18.6	24.5	21.2	85.7	0.0	34.2	34.2	2.1
26	18.0	20.5	18.6	92.3	6.7	2.1	8.8	0.0
27	18.4	21.9	19.3	90.0	2.3	10.5	12.8	0.0
28	17.0	22.0	19.6	74.7	1.7	.1	1.8	.6
29	17.8	26.4	21.5	69.7	0.0	7.7	7.7	6.8
30	18.2	24.0	20.1	81.7	.4	.5	.9	3.2
31	17.8	22.1	19.5	86.7	0.0	5.8	5.8	1.2
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.3	24.3	20.7	84.2	46.2	270.9	317.1	73.9

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.4	21.2	19.6	82.7	3.0	1.7	4.7	.1
2	18.0	23.9	20.4	85.7	0.0	0.0	0.0	2.2
3	17.0	25.0	21.2	79.0	0.0	1.7	1.7	6.1
4	19.0	25.2	21.7	81.0	0.0	14.0	14.0	4.5
5	16.6	25.7	22.3	82.0	0.0	42.8	42.8	6.7
6	16.8	24.5	21.3	70.3	0.0	0.0	0.0	6.3
7	19.8	26.9	23.4	68.3	0.0	28.5	28.5	8.2
8	18.5	26.4	22.4	75.3	0.0	59.0	59.0	6.2
9	16.9	23.8	20.5	80.0	0.0	2.8	2.8	2.0
10	17.8	25.0	20.8	85.7	0.0	0.0	0.0	3.9
11	18.8	25.4	21.4	81.3	0.0	.8	.8	4.3
12	19.0	24.2	21.1	85.0	0.0	18.1	18.1	1.1
13	17.5	23.8	20.4	80.0	0.0	0.0	0.0	3.9
14	18.0	25.0	20.2	86.0	3.0	13.4	16.4	.1
15	17.6	23.0	19.8	79.0	9.5	0.0	9.5	2.1
16	18.0	25.4	21.6	74.0	0.0	.4	.4	7.8
17	19.0	25.2	21.0	89.7	2.4	.1	2.5	2.4
18	17.8	24.4	21.0	87.7	0.0	3.2	3.2	4.6
19	17.9	23.2	20.0	80.3	0.0	0.0	0.0	2.2
20	18.7	25.7	21.7	82.0	0.0	0.0	0.0	7.0
21	18.3	25.5	22.4	69.0	0.0	0.0	0.0	10.6
22	18.2	25.4	22.3	76.3	0.0	0.0	0.0	6.9
23	19.0	25.2	21.7	82.7	0.0	2.7	2.7	4.8
24	19.1	26.0	22.0	83.0	0.0	0.0	0.0	11.0
25	19.8	27.9	23.1	75.7	0.0	0.0	0.0	9.2
26	20.0	25.1	21.5	80.7	0.0	0.0	0.0	3.3
27	19.5	25.6	21.9	72.3	.4	51.1	51.5	5.2
28	17.8	25.0	21.1	82.7	.1	4.3	4.4	6.5
29	17.2	25.6	21.1	83.7	6.5	14.1	20.6	8.4
30	18.2	25.1	21.5	79.3	0.0	37.3	37.3	6.8
31	====	====	====	====	====	====	====	====
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.2	25.0	21.3	80.0	24.9	296.0	320.9	154.4

ESTACION: SANTA HELENA

DPTO: CALDAS

LATITUD : 05° 19'N

AÑO: 1991

MPIO: MARQUETALIA

LONGITUD: 75° 00'W
ALTITUD : 1450 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	25.9	21.6	77.7	0.0	33.1	33.1	7.1
2	17.0	27.0	21.4	83.7	.8	0.0	.8	4.8
3	18.9	25.6	21.5	83.3	0.0	81.0	81.0	3.4
4	17.2	24.8	20.7	85.3	0.0	53.4	53.4	6.2
5	17.1	22.7	19.6	87.7	0.0	0.0	0.0	1.6
6	18.5	25.4	22.5	81.3	.1	0.0	.1	8.8
7	19.5	23.8	21.1	88.3	0.0	0.0	0.0	.7
8	19.1	25.9	22.8	71.3	0.0	0.0	0.0	9.1
9	19.8	26.0	20.9	83.0	.2	0.0	.2	2.5
10	19.0	25.4	21.7	83.3	0.0	29.6	29.6	6.3
11	18.8	25.5	22.2	82.0	0.0	12.1	12.1	7.7
12	18.0	23.1	20.9	91.3	4.7	4.8	9.5	.5
13	18.6	24.1	21.9	82.3	0.0	0.0	0.0	2.7
14	18.9	24.0	21.0	92.7	.3	0.0	.3	1.1
15	19.0	25.4	21.2	84.0	0.0	0.0	0.0	2.0
16	18.4	24.9	21.4	87.3	8.0	0.0	8.0	2.0
17	18.6	21.0	19.1	91.3	22.1	23.2	45.3	0.0
18	17.1	23.9	19.8	90.3	5.4	77.6	83.0	
19	17.0	23.5	20.4	85.3	0.0	61.1	61.1	
20	17.8	22.2	19.8	92.3	0.0	.4	.4	.5
21	18.0	21.2	19.2	90.7	2.3	.2	2.5	.1
22	17.2	22.7	19.9	88.3	.2	0.0	.2	.3
23	18.2	24.2	20.5	84.7	0.0	16.9	16.9	3.9
24	18.0	24.9	20.6	84.7	.3	0.0	.3	4.0
25	18.2	24.8	21.4	81.3	.7	0.0	.7	5.0
26	18.9	25.9	21.6	76.7	0.0	24.8	24.8	2.7
27	17.1	23.4	21.7	78.7	0.0	0.0	0.0	1.1
28	19.0	27.0	23.0	78.0	0.0	0.0	0.0	9.4
29	19.8	26.2	22.4	76.0	0.0	0.0	0.0	6.9
30	18.8	25.4	21.2	90.3	0.0	4.9	4.9	2.1
31	18.0	23.2	20.4	90.7	0.0	3.8	3.8	2.0
TOTAL	=====	=====	=====	=====	=====	=====	=====	
PROMEDIO	18.3	24.5	21.1	84.6	45.1	426.9	472.0	

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.4	24.8	21.2	88.0	0.0	27.2	27.2	3.7
2	18.6	24.5	21.7	86.3	0.0	.5	.5	5.8
3	18.0	24.8	21.1	85.7	0.0	.2	.2	2.3
4	19.0	26.4	22.5	80.7	0.0	7.2	7.2	7.2
5	17.6	25.2	21.8	85.0	0.0	0.0	0.0	5.2
6	18.7	24.8	20.7	89.0	7.0	.4	7.4	1.8
7	18.8	26.2	22.8	79.7	0.0	0.0	0.0	8.5
8	19.8	25.5	22.4	85.3	0.0	0.0	0.0	4.6
9	19.0	26.8	22.8	75.0	0.0	0.0	0.0	9.7
10	19.2	24.2	21.2	84.3	0.0	0.0	0.0	4.6
11	18.0	26.5	22.8	65.0	0.0	0.0	0.0	9.5
12	19.0	25.1	21.9	70.0	0.0	0.0	0.0	3.7
13	20.0	26.1	22.3	69.7	0.0	0.0	0.0	7.7
14	18.4	23.5	21.0	83.3	0.0	51.1	51.1	.4
15	17.8	25.2	21.0	84.7	0.0	14.9	14.9	7.6
16	17.5	24.9	19.7	87.0	0.0	.6	.6	2.2
17	17.8	24.1	21.1	86.0	5.6	.2	5.8	4.7
18	18.4	25.1	21.2	89.3	.3	0.0	.3	4.8
19	18.8	25.0	22.1	79.7	0.0	0.0	0.0	1.8
20	19.0	26.6	22.5	81.3	0.0	0.0	0.0	8.1
21	18.8	24.2	20.6	89.3	2.0	0.0	2.0	1.9
22	18.4	24.8	21.2	88.0	.5	8.5	9.0	3.7
23	17.0	24.2	20.5	82.7	26.4	1.2	27.6	3.2
24	17.8	25.2	21.4	82.0	0.0	0.0	0.0	6.7
25	18.0	25.7	21.4	78.7	0.0	1.0	1.0	9.0
26	18.5	25.1	20.8	87.3	0.0	8.2	8.2	3.8
27	17.2	23.2	19.9	88.7	8.6	1.4	10.0	1.0
28	17.6	24.2	20.9	84.7	0.0	0.0	0.0	4.9
29	16.5	22.1	19.2	85.7	1.7	0.0	1.7	.5
30	17.8	24.1	19.8	86.3	0.0	0.0	0.0	5.1
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	
PROMEDIO	18.3	24.9	21.3	82.9	52.1	122.6	174.7	143.7

ESTACION: SANTA HELENA

DPTO: CALDAS

LATITUD : 05° 19'N

AÑO: 1991

MPIO: MARQUETALIA

LONGITUD: 75° 00'W
ALTITUD : 1450 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.9	24.0	21.0	74.0	0.0	0.0	0.0	5.4
2	17.2	25.0	20.7	80.3	0.0	0.0	0.0	8.5
3	18.5	26.0	21.7	73.0	0.0	0.0	0.0	6.7
4	18.4	25.0	20.6	79.0	0.0	8.0	8.0	3.5
5	17.0	22.5	18.7	91.0	0.0	.3	.3	1.4
6	17.1	24.0	20.6	84.3	0.0	21.3	21.3	4.8
7	16.9	24.2	19.6	88.3	0.0	.1	.1	3.7
8	17.9	24.7	20.8	81.3	0.0	24.1	24.1	7.2
9	17.2	23.6	19.8	90.7	0.0	0.0	0.0	1.3
10	16.5	25.4	22.0	69.7	0.0	0.0	0.0	5.4
11	19.4	27.0	21.5	67.7	0.0	0.0	0.0	8.2
12	19.2	25.2	21.1	69.0	0.0	0.0	0.0	7.0
13	18.2	25.6	20.8	74.3	0.0	0.0	0.0	2.4
14	18.4	25.5	21.6	71.0	0.0	0.0	0.0	7.8
15	18.5	26.8	22.1	71.0	0.0	0.0	0.0	6.7
16	18.4	26.4	21.3	71.7	0.0	0.0	0.0	7.6
17	18.2	26.9	22.0	68.0	0.0	0.0	0.0	7.4
18	19.0	26.8	22.4	65.0	0.0	0.0	0.0	7.6
19	18.5	27.2	22.8	65.3	0.0	0.0	0.0	8.8
20	19.0	26.8	22.1	68.7	0.0	.1	.1	6.0
21	18.5	27.0	21.7	79.0	0.0	0.0	0.0	7.7
22	18.2	26.9	22.7	71.7	0.0	0.0	0.0	8.1
23	20.0	26.8	22.9	64.7	0.0	0.0	0.0	6.2
24	18.4	24.6	20.5	69.3	0.0	0.0	0.0	.4
25	19.0	24.8	21.8	64.0	0.0	0.0	0.0	3.7
26	19.1	26.9	22.6	64.0	0.0	0.0	0.0	2.9
27	20.6	27.2	23.2	58.3	0.0	1.0	1.0	6.2
28	17.2	26.2	21.6	75.3	5.4	6.3	11.7	3.3
29	17.8	25.8	22.3	73.3	0.0	25.6	25.6	7.6
30	18.0	24.2	20.7	90.0	4.1	5.2	9.3	.8
31	17.1	23.2	20.0	90.0	0.0	48.0	48.0	.9
TOTAL PROMEDIO	18.2	25.6	21.4	74.3	9.5	140.0	149.5	165.2

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.6	21.4	18.4	93.3	3.3	0.0	3.3	.1
2	17.4	25.8	20.9	82.0	.6	1.0	1.6	5.5
3	16.8	24.0	19.9	68.3	0.0	0.0	0.0	6.4
4	17.4	26.8	22.0	60.3	0.0	0.0	0.0	8.8
5	17.5	25.1	19.8	91.0	0.0	0.0	0.0	1.5
6	17.4	23.2	20.3	81.0	0.0	0.0	0.0	1.4
7	18.2	26.2	21.5	79.3	0.0	3.3	3.3	6.3
8	17.5	25.2	21.1	79.0	0.0	35.8	35.8	9.0
9	16.3	23.1	19.9	87.7	0.0	20.1	20.1	3.6
10	16.9	22.8	20.5	82.0	0.0	0.0	0.0	2.6
11	17.7	25.8	21.7	62.0	0.0	0.0	0.0	10.3
12	17.8	25.9	22.1	54.0	0.0	0.0	0.0	5.7
13	19.1	26.5	22.2	54.7	0.0	0.0	0.0	9.5
14	18.8	26.0	22.3	62.7	0.0	0.0	0.0	8.9
15	17.2	25.2	21.0	67.3	0.0	0.0	0.0	9.9
16	18.4	26.9	21.8	59.7	0.0	0.0	0.0	7.8
17	19.0	26.4	21.5	66.0	0.0	0.0	0.0	5.8
18	17.4	25.0	20.6	72.7	0.0	0.0	0.0	5.1
19	18.2	26.0	21.5	62.7	0.0	0.0	0.0	9.6
20	17.8	26.5	22.4	64.3	0.0	0.0	0.0	10.3
21	17.6	26.8	22.0	64.3	0.0	0.0	0.0	9.8
22	17.2	26.4	22.2	63.0	0.0	0.0	0.0	9.3
23	18.4	23.7	20.8	67.3	0.0	0.0	0.0	.6
24	18.5	25.8	21.9	63.7	0.0	0.0	0.0	6.6
25	17.4	27.1	22.8	53.0	0.0	0.0	0.0	9.0
26	17.5	28.4	24.1	59.0	0.0	0.0	0.0	10.3
27	19.9	28.2	24.8	60.0	0.0	0.0	0.0	7.6
28	19.2	27.1	22.5	63.3	0.0	0.0	0.0	6.4
29	19.1	28.0	23.7	51.7	0.0	0.0	0.0	8.7
30	19.6	26.2	22.3	63.0	0.0	0.0	0.0	3.6
31	18.9	27.2	22.7	67.7	0.0	13.1	13.1	6.2
TOTAL PROMEDIO	18.0	25.8	21.6	67.9	3.9	73.3	77.2	206.2

ESTACION: SANTA HELENA

DPTO: CALDAS

LATITUD : 05° 19'N

AÑO: 1991

MPIO: MARQUETALIA

LONGITUD: 75° 00'W
ALTITUD : 1450 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.9	24.0	20.6	75.7	0.0	0.0	0.0	3.4
2	17.4	27.2	23.1	52.0	0.0	0.0	0.0	8.5
3	18.8	27.1	23.8	53.3	0.0	.2	.2	5.7
4	17.8	27.5	23.3	58.3	0.0	0.0	0.0	7.4
5	18.8	28.6	22.4	70.3	0.0	.2	.2	7.8
6	19.5	26.5	22.1	78.0	0.0	0.0	0.0	1.3
7	17.8	27.3	22.3	78.7	0.0	0.0	0.0	6.1
8	18.2	28.8	22.6	74.7	0.0	.6	.6	9.3
9	18.9	29.4	24.3	57.7	0.0	0.0	0.0	9.2
10	19.8	27.2	22.8	60.0	0.0	0.0	0.0	9.8
11	18.2	27.6	22.3	68.0	0.0	0.0	0.0	7.4
12	19.2	28.6	23.2	53.0	0.0	0.0	0.0	5.8
13	18.9	28.9	23.8	51.3	0.0	0.0	0.0	4.8
14	17.1	27.0	22.1	77.7	5.5	.3	5.8	6.0
15	18.2	26.8	20.5	83.0	0.0	20.2	20.2	1.9
16	16.5	25.4	19.2	88.7	0.0	30.0	30.0	1.5
17	16.8	22.2	18.6	92.7	12.0	81.0	93.0	2.2
18	16.4	25.2	20.5	84.7	0.0	19.9	19.9	6.6
19	15.8	25.4	21.0	85.7	0.0	6.7	6.7	4.4
20	17.4	24.0	19.8	90.7	0.0	3.8	3.8	.5
21	17.0	21.8	19.0	91.7	.3	1.1	1.4	.3
22	17.5	25.2	20.7	86.3	.2	36.0	36.2	3.1
23	16.0	24.4	20.7	73.3	.1	6.4	6.5	5.1
24	17.2	24.9	20.4	84.3	0.0	0.0	0.0	3.7
25	18.2	25.0	21.1	86.7	0.0	13.3	13.3	3.5
26	16.7	24.4	19.6	89.0	0.0	5.2	5.2	2.4
27	17.5	24.9	21.3	74.0	0.0	.9	.9	7.5
28	18.0	26.4	21.4	84.0	0.0	35.5	35.5	7.5
29	16.8	25.4	20.7	84.3	0.0	13.1	13.1	3.4
30	17.2	26.2	21.2	86.3	0.0	.3	.3	4.5
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	17.7	26.1	21.5	75.8	18.1	274.7	292.8	150.6

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	26.4	21.1	84.3	0.0	52.0	52.0	4.4
2	16.9	25.3	20.2	89.7	0.0	27.0	27.0	2.6
3	17.0	24.9	20.1	89.3	0.0	1.2	1.2	5.5
4	17.5	25.9	21.4	75.0	0.0	.3	.3	7.7
5	17.8	26.0	20.6	84.0	0.0	10.3	10.3	6.8
6	17.1	23.2	19.6	89.0	.3	11.1	11.4	2.9
7	17.0	24.8	19.1	85.3	15.8	8.9	24.7	4.3
8	16.6	23.6	20.0	87.7	1.3	36.3	37.6	1.1
9	17.0	20.3	18.0	94.7	9.0	0.0	9.0	.2
10	18.0	24.0	20.5	81.3	0.0	.3	.3	4.0
11	17.8	25.7	20.8	88.7	0.0	.1	.1	6.8
12	17.4	25.6	20.6	84.0	0.0	2.6	2.6	6.4
13	16.0	25.7	21.8	70.0	0.0	0.0	0.0	9.6
14	17.5	25.2	20.8	85.3	0.0	0.0	0.0	4.3
15	17.2	24.0	19.9	88.3	4.9	0.0	4.9	2.5
16	17.4	25.4	20.2	85.3	.4	3.8	4.2	5.5
17	17.5	24.9	20.4	89.3	0.0	3.0	3.0	5.9
18	17.0	24.4	20.0	81.0	0.0	0.0	0.0	3.0
19	16.8	24.8	20.6	72.3	0.0	0.0	0.0	9.0
20	17.5	25.5	21.9	67.7	0.0	0.0	0.0	9.4
21	18.1	26.5	22.7	52.3	0.0	0.0	0.0	9.3
22	18.8	26.6	23.1	60.0	0.0	0.0	0.0	10.1
23	18.7	26.2	22.9	61.3	0.0	0.0	0.0	9.4
24	18.9	27.0	22.5	66.0	0.0	0.0	0.0	5.4
25	18.7	27.4	20.7	80.0	0.0	31.8	31.8	4.8
26	16.8	23.2	19.9	84.0	.3	0.0	.3	3.3
27	17.9	24.7	20.4	88.7	0.0	4.0	4.0	3.9
28	17.8	25.5	20.9	80.7	0.0	0.0	0.0	7.4
29	17.9	26.0	21.4	85.0	0.0	45.1	45.1	7.8
30	16.6	22.9	19.7	88.7	2.2	0.0	2.2	1.3
31	17.5	25.0	21.0	83.7	0.0	36.0	36.0	5.3
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	17.5	25.1	20.7	80.7	34.2	273.8	308.0	169.9

ESTACION: SANTA HELENA

DPTO: CALDAS

LATITUD : 05° 19'N

AÑO: 1991

MPIO: MARQUETALIA

LONGITUD: 75° 00'W
ALTITUD : 1450 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	25.2	20.5	84.3	0.0	.1	.1	3.6
2	17.5	24.5	20.4	89.3	0.0	7.1	7.1	2.0
3	16.0	24.4	19.9	85.3	0.0	20.4	20.4	4.5
4	17.0	23.3	19.6	88.3	8.3	7.7	16.0	1.3
5	17.2	24.2	20.2	90.0	0.0	0.0	0.0	3.5
6	17.5	25.4	20.5	87.0	2.1	13.5	15.6	2.9
7	17.8	23.2	19.6	84.7	0.0	0.0	0.0	5.3
8	18.0	22.0	19.7	89.7	0.0	30.6	30.6	.8
9	15.8	20.0	17.9	91.3	2.0	0.0	2.0	1.3
10	16.9	20.3	18.1	94.7	0.0	0.0	0.0	.3
11	16.8	25.4	20.0	82.0	0.0	0.0	0.0	5.5
12	17.0	25.2	20.6	87.7	11.1	23.7	34.8	3.7
13	17.8	25.5	20.2	92.0	0.0	37.0	37.0	1.5
14	16.8	23.6	19.2	88.0	7.7	9.2	16.9	1.2
15	16.9	22.2	18.6	88.7	2.8	2.5	5.3	.4
16	17.0	24.2	19.8	90.0	0.0	.2	.2	2.6
17	16.9	25.0	19.9	87.0	0.0	64.9	64.9	4.7
18	16.0	25.9	20.5	85.7	0.0	0.0	0.0	5.9
19	17.9	25.8	20.8	83.3	0.0	1.1	1.1	2.8
20	18.0	24.9	20.7	88.7	1.2	70.8	72.0	2.6
21	16.2	24.8	21.2	80.3	0.0	0.0	0.0	5.1
22	18.0	25.2	20.7	88.7	0.0	.3	.3	3.6
23	17.9	25.1	21.1	89.0	2.7	28.6	31.3	2.5
24	18.0	25.4	20.4	89.7	0.0	3.0	3.0	
25					.4	0.0	.4	
26					7.1	.3	7.4	
27					0.0	0.0	0.0	
28					0.0	0.0	0.0	
29	18.0	24.0	20.5	88.0	0.0	0.0	0.0	
30	18.3	24.6	20.8	90.3	0.0	0.0	0.0	1.2
31								
TOTAL					=====	=====	=====	
PROMEDIO					45.4	321.0	366.4	

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.4	26.0	21.7	81.3	0.0	20.8	20.8	6.0
2	16.7	27.0	21.1	86.0	.1	25.9	26.0	2.9
3	17.8	23.2	19.6	86.0	5.2	0.0	5.2	.6
4	17.9	26.7	20.7	85.0	0.0	10.8	10.8	4.4
5	17.0	24.2	20.4	91.0	0.0	5.0	5.0	.9
6	17.5	25.2	20.8	84.0	0.0	8.9	8.9	2.7
7	18.0	24.8	21.0	87.7	0.0	0.0	0.0	2.9
8	18.4	25.7	20.8	90.7	0.0	59.8	59.8	3.3
9	17.0	24.5	20.2	87.3	14.1	16.3	30.4	1.6
10	18.5	25.7	20.5	92.0	0.0	67.8	67.8	2.0
11	17.8	25.0	20.6	91.0	0.0	0.0	0.0	2.9
12	18.8	25.5	21.2	86.7	0.0	20.9	20.9	3.4
13	17.8	24.0	20.5	90.7	.1	70.7	70.8	1.3
14	17.3	23.9	20.4	86.7	7.3	16.4	23.7	2.3
15	17.2	22.5	19.5	86.0	0.0	21.3	21.3	.1
16	16.8	23.8	19.3	82.7	.1	9.1	9.2	.7
17	16.5	22.2	18.8	92.3	3.5	0.0	3.5	.4
18	17.2	22.1	19.1	89.0	0.0	5.5	5.5	0.0
19	17.4	24.2	19.9	88.3	0.0	0.0	0.0	4.5
20	17.1	24.0	20.0	84.7	0.0	1.0	1.0	3.3
21	17.5	25.2	19.9	88.7	0.0	9.0	9.0	4.9
22	16.3	20.6	18.2	92.7	2.1	4.4	6.5	0.0
23	16.8	23.0	19.1	91.3	0.0	0.0	0.0	1.6
24	17.0	23.1	20.0	84.7	0.0	.5	.5	1.6
25	17.8	24.7	20.5	88.3	0.0	.7	.7	2.6
26	18.0	25.0	20.7	90.7	0.0	0.0	0.0	3.8
27	18.4	25.2	20.6	88.0	0.0	35.7	35.7	3.4
28	17.2	24.2	20.6	86.7	0.0	131.3	131.3	2.5
29	16.2	23.5	19.8	86.7	.1	4.4	4.5	1.3
30	17.3	24.5	20.3	91.3	0.0	1.5	1.5	4.3
31	18.2	24.9	21.0	84.0	0.0	0.0	0.0	8.7
TOTAL					=====	=====	=====	=====
PROMEDIO					32.6	547.7	580.3	80.9

Estación: SANTA HELENA

Dpto.: CALDAS

Latitud : 05° 19'N

Año: 1991

Mpio.: MARQUETALIA

Longitud: 75° 00'W

Altitud : 1450 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	17.7	25.1	20.9	15.5	27.2	82.5	225.5	17	161.1
FEBRERO	18.1	25.0	20.9	16.0	28.0	82.2	113.3	17	
MARZO	18.3	24.3	20.7	17.0	27.2	84.2	317.1	22	73.9
ABRIL	18.2	25.0	21.3	16.6	27.9	80.0	320.9	19	154.4
MAYO	18.3	24.5	21.1	17.0	27.0	84.6	472.0	23	
JUNIO	18.3	24.9	21.3	16.5	26.8	82.9	174.7	17	143.7
JULIO	18.2	25.6	21.4	16.5	27.2	74.3	149.5	11	165.2
AGOSTO	18.0	25.8	21.6	16.3	28.4	67.9	77.2	6	206.2
SEPTIEMBRE	17.7	26.1	21.5	15.8	29.4	75.8	292.8	19	150.6
OCTUBRE	17.5	25.1	20.7	16.0	27.4	80.7	308.0	21	169.9
NOVIEMBRE							366.4	20	
DICIEMBRE	17.5	24.3	20.2	16.2	27.0	87.8	580.3	25	80.9
PROMEDIO	====	====	====	====	====	=====	=====	=====	=====
ABSOLUTA				15.5	29.4				
TOTAL							3397.7	217	

ESTACION: SANTAGUEDA

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 40'W
ALTITUD : 1010 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	28.3	22.7	72.0	0.0	0.0	0.0	5.2
2	18.1	30.4	23.0	68.7	.1	2.3	2.4	8.0
3	19.0	29.0	22.7	72.0	0.0	1.4	1.4	5.9
4	19.3	30.1	22.7	76.3	0.0	0.0	0.0	5.6
5	19.6	31.2	23.7	64.0	0.0	0.0	0.0	6.3
6	19.8	31.9	23.5	73.0	.3	5.0	5.3	6.8
7	18.8	30.4	22.8	70.3	0.0	0.0	0.0	6.4
8	18.7	31.2	24.7	66.0	0.0	0.0	0.0	7.7
9	19.2	31.0	24.8	66.3	0.0	0.0	0.0	6.3
10	17.1	31.5	24.0	68.0	0.0	0.0	0.0	6.8
11	19.2	30.1	24.6	64.7	0.0	9.0	9.0	6.1
12	19.8	30.0	23.4	72.0	0.0	.2	.2	6.1
13	19.6	30.4	24.0	67.7	0.0	1.3	1.3	8.2
14	18.6	28.7	22.6	76.7	1.7	23.0	24.7	4.7
15	18.0	27.5	22.2	77.0	0.0	0.0	0.0	5.0
16	14.2	31.0	21.8	70.0	0.0	0.0	0.0	9.6
17	17.6	28.0	22.6	73.3	0.0	0.0	0.0	1.7
18	18.0	29.8	23.2	67.3	1.8	0.0	1.8	6.3
19	19.0	29.3	23.0	65.3	0.0	9.0	9.0	7.7
20	17.8	29.1	21.5	67.3	.3	0.0	.3	4.4
21	18.0	32.2	24.3	60.7	0.0	0.0	0.0	9.3
22	18.1	32.8	23.4	64.0	0.0	0.0	0.0	8.6
23	15.5	32.2	23.4	60.7	0.0	0.0	0.0	9.2
24	15.0	30.5	23.5	62.0	0.0	0.0	0.0	6.8
25	18.0	32.1	24.1	67.0	0.0	0.0	0.0	9.0
26	17.0	30.2	24.1	61.3	0.0	0.0	0.0	6.9
27	16.0	28.4	22.8	68.7	0.0	0.0	0.0	3.6
28	14.0	34.4	24.3	56.3	0.0	0.0	0.0	7.6
29	14.9	33.8	22.9	67.0	0.0	0.0	0.0	8.6
30	18.5	30.5	25.0	62.3	0.0	0.0	0.0	3.6
31	18.7	33.0	24.2	65.7	0.0	0.0	0.0	7.0
	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	17.8	30.6	23.4	67.5	4.2	51.2	55.4	205.0

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	32.8	25.2	58.3	0.0	0.0	0.0	8.3
2	18.1	32.4	23.5	67.3	2.2	59.9	62.1	5.5
3	17.2	25.5	21.5	76.0	2.5	0.0	2.5	1.6
4	16.8	30.0	23.2	64.3	0.0	.9	.9	9.0
5	17.5	30.7	24.2	60.7	0.0	0.0	0.0	8.2
6	17.7	32.4	23.5	68.7	0.0	0.0	0.0	9.4
7	16.5	31.2	23.1	67.3	0.0	0.0	0.0	8.4
8	18.2	31.0	24.5	67.0	0.0	0.0	0.0	8.6
9	16.0	31.9	23.9	65.7	0.0	0.0	0.0	8.0
10	16.1	33.2	24.6	63.3	0.0	0.0	0.0	8.8
11	18.0	32.2	23.3	71.7	.7	0.0	.7	7.1
12	19.0	31.2	24.1	68.7	0.0	2.3	2.3	5.3
13	18.0	31.7	24.2	66.0	0.0	0.0	0.0	5.8
14	18.5	32.5	24.3	71.3	0.0	0.0	0.0	7.1
15	19.8	30.5	25.6	66.3	0.0	37.4	37.4	5.7
16	18.8	27.4	22.5	78.7	0.0	0.0	0.0	.7
17	16.2	32.6	24.1	65.0	0.0	.2	.2	8.6
18	19.0	30.2	23.8	67.3	0.0	0.0	0.0	6.4
19	19.2	29.0	23.4	67.3	0.0	0.0	0.0	2.7
20	20.0	31.2	24.9	65.3	0.0	2.2	2.2	6.4
21	19.0	29.9	23.2	67.7	0.0	0.0	0.0	5.8
22	16.2	31.4	24.6	63.3	0.0	0.0	0.0	8.6
23	19.5	32.4	25.5	59.0	0.0	0.0	0.0	7.9
24	19.4	31.5	25.2	63.0	0.0	0.0	0.0	5.9
25	17.0	32.8	24.6	62.3	0.0	0.0	0.0	6.9
26	19.8	29.4	24.5	66.7	0.0	0.0	0.0	2.1
27	18.8	32.2	24.8	63.7	0.0	9.5	9.5	5.7
28	19.0	31.5	24.6	65.3	0.0	0.0	0.0	3.9
29								
30								
31								
	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	18.1	31.1	24.1	66.3	5.4	112.4	117.8	178.4

ESTACION: SANTAGUEDA

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 40'W

ALTITUD : 1010 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.7	31.4	21.7	74.7	45.2	.9	46.1	5.9
2	18.6	29.1	24.0	70.3	0.0	0.0	0.0	5.7
3	18.9	31.0	24.7	63.0	0.0	0.0	0.0	8.2
4	17.8	31.5	24.4	64.7	0.0	2.3	2.3	7.1
5	17.2	29.8	22.8	73.0	0.0	0.0	0.0	5.6
6	17.5	32.0	25.0	60.7	0.0	.7	.7	7.9
7	19.5	30.0	22.9	73.3	3.2	.2	3.4	4.4
8	18.5	30.4	23.5	71.3	5.9	20.2	26.1	6.6
9	18.2	30.2	24.1	67.0	0.0	0.0	0.0	6.2
10	19.0	29.0	23.1	72.3	0.0	0.0	0.0	1.5
11	18.2	30.0	23.7	70.0	0.0	0.0	0.0	5.3
12	19.1	29.0	21.9	78.0	10.8	0.0	10.8	3.1
13	18.4	31.0	22.3	78.7	18.5	26.5	45.0	5.8
14	18.5	28.8	21.1	79.3	11.2	1.3	12.5	4.7
15	17.5	28.7	22.5	72.7	0.0	0.0	0.0	3.5
16	19.0	30.2	24.2	65.3	0.0	3.4	3.4	5.4
17	19.7	30.5	24.1	69.7	.3	0.0	.3	7.4
18	19.8	32.2	24.5	72.0	0.0	0.0	0.0	9.7
19	18.0	31.8	23.7	67.3	0.0	0.0	0.0	9.3
20	18.5	31.7	24.6	65.3	0.0	0.0	0.0	8.9
21	16.5	33.2	24.2	61.7	0.0	0.0	0.0	9.2
22	17.5	31.5	24.1	62.3	0.0	0.0	0.0	5.9
23	19.8	31.0	24.0	70.7	1.7	14.1	15.8	5.9
24	19.0	29.0	23.5	70.0	0.0	13.8	13.8	3.6
25	19.5	28.2	23.1	78.0	6.0	53.0	59.0	4.9
26	18.2	24.2	21.2	80.7	7.6	.9	8.5	.2
27	17.0	28.5	22.8	70.3	0.0	.6	.6	3.8
28	18.4	25.2	20.8	78.7	0.0	0.0	0.0	.3
29	15.8	30.0	23.4	70.3	0.0	0.0	0.0	8.7
30	17.2	30.5	23.4	59.7	0.0	0.0	0.0	
31	18.5	29.2	22.7	69.3	.1	.8	.9	
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	18.3	30.0	23.3	70.3	110.5	138.7	249.2	

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	26.4	20.9	77.7	0.0	12.0	12.0	3.4
2	18.0	29.2	22.3	71.3	0.0	0.0	0.0	6.1
3	15.0	31.7	24.3	58.3	0.0	0.0	0.0	9.8
4	19.5	30.7	24.2	67.3	0.0	0.0	0.0	5.6
5	18.0	31.0	24.0	57.0	0.0	4.7	4.7	6.0
6	19.2	29.8	24.0	68.7	0.0	11.6	11.6	4.7
7	19.0	30.0	23.1	68.0	.1	.1	.2	4.3
8	18.5	27.2	22.6	74.0	.5	56.0	56.5	2.7
9	18.0	27.6	22.5	70.0	.3	4.0	4.3	3.1
10	18.8	26.8	22.2	75.3	0.0	0.0	0.0	1.1
11	17.8	31.0	23.5	64.3	0.0	0.0	0.0	5.6
12	19.0	25.0	21.8	85.0	57.0	10.0	67.0	.7
13	18.2	27.2	22.2	73.7	0.0	0.0	0.0	4.6
14	18.1	29.3	23.7	67.0	0.0	5.3	5.3	6.8
15	18.0	29.6	23.1	73.0	0.0	0.0	0.0	8.3
16	17.5	31.8	23.8	67.3	0.0	0.0	0.0	10.2
17	18.0	29.5	23.9	63.3	1.0	0.0	1.0	5.6
18	19.0	31.2	24.7	63.0	0.0	1.0	1.0	7.4
19	17.0	31.0	24.1	66.7	0.0	27.1	27.1	8.7
20	18.0	30.8	23.9	71.0	0.0	16.3	16.3	6.8
21	18.2	30.0	24.0	71.3	0.0	0.0	0.0	6.3
22	18.0	28.5	23.8	74.7	0.0	7.8	7.8	1.8
23	19.0	30.0	23.4	72.3	.9	0.0	.9	4.9
24	18.2	31.2	24.3	70.0	0.0	0.0	0.0	8.4
25	19.0	31.0	24.9	65.7	0.0	0.0	0.0	5.3
26	19.2	30.0	23.0	68.7	1.5	.3	1.8	4.7
27	18.0	30.1	23.7	68.7	0.0	1.5	1.5	5.6
28	18.5	26.2	22.4	79.3	1.2	13.9	15.1	1.0
29	18.0	28.6	23.0	75.7	0.0	0.0	0.0	3.9
30	18.2	31.0	21.7	73.7	21.3	11.5	32.8	7.6
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	18.2	29.4	23.3	70.4	83.8	183.1	266.9	161.0

ESTACION: SANTAGUEDA

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 40'W

ALTITUD : 1010 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	28.4	23.2	68.3	0.0	0.0	0.0	3.9
2	18.5	29.8	23.8	73.3	0.0	5.1	5.1	2.5
3	19.8	26.0	22.4	85.7	0.0	0.0	0.0	.3
4	19.7	28.3	23.3	77.3	0.0	9.2	9.2	.6
5	18.8	25.7	21.7	82.0	0.0	0.0	0.0	0.0
6	18.9	30.0	23.3	74.3	0.0	2.0	2.0	5.4
7	17.6	29.2	23.1	72.7	0.0	0.0	0.0	4.0
8	18.2	32.4	24.7	70.7	0.0	5.4	5.4	7.7
9	19.8	28.2	23.2	76.3	0.0	0.0	0.0	.1
10	17.3	31.4	23.5	70.3	0.0	.2	.2	6.3
11	18.2	28.0	23.4	74.7	0.0	0.0	0.0	2.7
12	18.1	29.2	23.1	73.0	.6	20.9	21.5	5.3
13	17.4	30.0	23.3	68.7	0.0	1.0	1.0	7.8
14	20.0	28.7	24.1	73.0	0.0	1.8	1.8	0.0
15	19.8	28.0	23.5	76.0	0.0	0.0	0.0	2.2
16	19.9	28.0	23.2	74.7	0.0	.5	.5	1.7
17	19.0	26.5	21.5	81.7	26.0	9.0	35.0	.8
18	17.8	26.2	21.1	79.7	.2	0.0	.2	2.2
19	18.4	28.0	21.3	79.0	5.0	19.0	24.0	3.5
20	17.4	27.3	22.1	76.7	.6	2.0	2.6	4.0
21	18.0	23.0	20.5	89.3	10.7	.6	11.3	0.0
22	18.5	25.0	21.5	82.0	.3	.1	.4	.3
23	18.3	28.8	22.6	75.0	1.4	3.9	5.3	5.0
24	17.8	25.3	21.1	81.0	.8	.2	1.0	1.6
25	15.5	30.5	22.9	71.0	0.0	0.0	0.0	6.6
26	18.0	28.0	23.2	73.3	0.0	14.8	14.8	2.6
27	18.0	28.8	23.9	74.0	0.0	0.0	0.0	5.1
28	18.1	31.2	24.7	64.3	0.0	.4	.4	7.2
29	18.8	30.2	24.3	64.3	0.0	2.0	2.0	4.9
30	19.8	25.3	22.2	85.3	0.0	0.0	0.0	.6
31	18.2	28.2	23.2	78.0	0.0	13.2	13.2	1.8
TOTAL PROMEDIO	18.4	28.2	22.8	75.7	45.6	111.3	156.9	96.7

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	19.0	27.9	23.4	75.0	0.0	0.0	0.0	3.9
2	17.5	30.0	23.1	73.0	0.0	.3	.3	6.3
3	19.0	29.0	23.3	80.0	16.7	1.2	17.9	3.4
4	18.4	30.8	23.8	75.3	18.5	0.0	18.5	5.7
5	18.7	27.1	22.8	79.0	.1	0.0	.1	1.0
6	18.4	30.2	23.7	73.3	0.0	0.0	0.0	4.7
7	18.8	31.8	25.8	67.0	0.0	1.3	1.3	7.9
8	20.0	31.9	25.1	78.3	0.0	0.0	0.0	5.9
9	18.6	31.2	25.0	71.0	0.0	0.0	0.0	6.0
10	18.2	32.8	24.7	69.0	.3	0.0	.3	7.6
11	18.6	32.2	25.7	67.3	0.0	0.0	0.0	7.7
12	17.8	30.5	24.1	69.3	0.0	0.0	0.0	4.7
13	17.2	32.2	24.3	67.7	0.0	1.1	1.1	7.0
14	19.4	28.1	23.8	77.3	0.0	48.0	48.0	4.4
15	18.0	30.4	23.7	72.7	0.0	47.0	47.0	5.8
16	18.1	27.2	22.8	77.0	0.0	0.0	0.0	1.8
17	19.8	26.4	21.9	86.0	2.0	0.0	2.0	3.1
18	17.0	28.4	22.8	75.3	0.0	.2	.2	3.9
19	19.4	28.2	23.1	77.3	15.2	0.0	15.2	.4
20	17.8	30.5	23.1	70.7	0.0	15.9	15.9	5.7
21	19.4	25.6	22.4	84.7	.1	.2	.3	.3
22	19.0	28.8	23.8	74.0	0.0	0.0	0.0	2.9
23	19.9	28.5	23.2	77.3	0.0	0.0	0.0	3.1
24	19.8	29.0	22.7	78.0	0.0	.4	.4	2.3
25	17.5	29.2	22.4	72.0	0.0	1.1	1.1	5.4
26	19.4	28.8	22.2	76.3	5.1	25.4	30.5	5.3
27	18.6	27.8	22.8	74.7	0.0	3.3	3.3	2.2
28	17.5	27.6	22.4	75.3	0.0	.1	.1	2.8
29	18.4	26.8	21.6	78.7	1.5	0.0	1.5	2.9
30	17.4	26.9	23.3	75.0	0.0	0.0	0.0	5.3
31								
TOTAL PROMEDIO	18.6	29.2	23.4	74.9	59.5	145.5	205.0	129.4

ESTACION: SANTAGUEDA

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 40'W

ALTITUD : 1010 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.8	28.5	22.3	80.7	0.0	0.0	0.0	2.7
2	18.4	30.9	23.7	72.0	0.0	0.0	0.0	7.4
3	18.0	29.2	22.9	74.7	0.0	38.0	38.0	3.2
4	17.3	26.5	21.8	79.7	.1	3.3	3.4	1.2
5	19.4	26.2	22.4	77.3	.3	12.6	12.9	2.1
6	17.2	28.5	22.7	73.7	.4	1.3	1.7	5.4
7	19.2	28.8	23.1	73.7	.3	9.7	10.0	
8	17.8	29.8	22.5	73.7	0.0	0.0	0.0	
9	19.0	26.4	22.1	78.0	0.0	0.0	0.0	2.8
10	15.8	28.4	22.8	82.0	0.0	0.0	0.0	4.6
11	18.8	28.8	23.5	76.7	0.0	0.0	0.0	3.5
12	18.2	29.0	23.7	71.7	0.0	0.0	0.0	5.4
13	17.4	28.2	23.6	71.3	0.0	0.0	0.0	6.0
14	17.0	31.8	24.8	67.3	0.0	0.0	0.0	8.8
15	18.0	31.0	23.9	68.7	0.0	4.5	4.5	6.4
16	17.8	29.5	22.8	73.3	0.0	0.0	0.0	3.6
17	16.8	30.8	23.7	70.0	0.0	0.0	0.0	6.5
18	19.0	30.1	24.2	68.7	0.0	0.0	0.0	6.7
19	17.8	31.5	24.4	70.0	0.0	0.0	0.0	4.4
20	16.9	30.2	24.0	68.7	0.0	7.7	7.7	2.2
21	18.5	31.2	24.1	70.0	0.0	2.5	2.5	6.1
22	19.2	29.8	24.2	69.3	0.0	0.0	0.0	5.2
23	18.9	30.4	24.2	70.0	0.0	0.0	0.0	4.5
24	18.8	27.6	21.4	80.0	0.0	0.0	0.0	0.0
25	15.8	29.2	22.1	79.0	0.0	0.0	0.0	6.7
26	15.6	29.4	22.9	70.0	.5	0.0	.5	7.5
27	18.8	30.0	24.1	72.3	0.0	0.0	0.0	8.1
28	17.2	28.4	23.8	71.0	0.0	0.0	0.0	3.7
29	19.2	30.0	23.9	71.7	0.0	0.0	0.0	7.1
30	19.8	27.0	21.8	78.0	0.0	15.0	15.0	.5
31	17.8	24.0	19.8	89.7	7.4	1.7	9.1	.2
TOTAL	18.0	29.1	23.1	74.0	9.0	96.3	105.3	
PROMEDIO	18.0	29.1	23.1	74.0				

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	25.4	20.9	78.3	1.2	0.0	1.2	
2	15.6	30.1	23.6	76.3	0.0	0.0	0.0	
3	18.2	26.8	22.1	76.7	0.0	0.0	0.0	
4	15.4	30.3	23.4	74.0	0.0	0.0	0.0	
5	17.8	27.0	21.9	75.0	0.0	0.0	0.0	
6	18.2	29.8	24.0	68.3	0.0	0.0	0.0	
7	18.4	29.5	24.9	68.0	.2	1.1	1.3	
8	18.8	29.6	23.9	73.3	0.0	18.2	18.2	
9	17.9	28.1	23.4	72.7	0.0	13.0	13.0	
10	18.2	29.0	22.6	78.3	0.0	0.0	0.0	4.7
11	15.0	31.0	25.0	65.7	0.0	0.0	0.0	9.1
12	17.6	28.8	22.0	70.3	0.0	0.0	0.0	4.8
13	14.9	31.2	23.8	63.3	0.0	0.0	0.0	8.2
14	16.5	29.0	23.0	66.3	0.0	0.0	0.0	5.1
15	15.2	30.0	23.8	62.7	0.0	0.0	0.0	6.2
16	13.6	30.8	23.4	69.3	0.0	0.0	0.0	8.6
17	14.8	28.4	22.9	68.7	0.0	0.0	0.0	.7
18	16.3	28.1	23.7	67.7	0.0	.6	.6	4.3
19	18.0	28.4	22.6	75.7	0.0	.6	.6	3.6
20	15.2	30.2	22.5	68.7	0.0	0.0	0.0	1.0
21	17.0	30.8	23.6	68.3	0.0	0.0	0.0	7.6
22	15.6	30.1	22.5	70.0	0.0	0.0	0.0	.7
23	15.9	32.0	24.1	66.3	0.0	0.0	0.0	5.7
24	16.5	31.2	23.9	65.3	0.0	0.0	0.0	5.7
25	16.0	31.0	24.4	62.7	0.0	0.0	0.0	7.5
26	16.1	32.3	24.8	57.3	0.0	0.0	0.0	7.0
27	16.9	31.0	24.3	60.3	0.0	.6	.6	7.6
28	18.0	31.2	24.3	61.3	0.0	0.0	0.0	4.2
29	14.0	31.4	23.6	55.0	0.0	0.0	0.0	6.0
30	14.8	27.0	22.9	70.3	0.0	0.0	0.0	6.4
31	17.0	31.2	23.8	67.0	0.0	0.0	0.0	8.6
TOTAL	16.5	29.7	23.4	68.5	1.4	34.1	35.5	
PROMEDIO	16.5	29.7	23.4	68.5				

ESTACION: SANTAGUEDA

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD : 75° 40'W

ALTITUD : 1010 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	30.8	23.1	69.0				
2	16.3	33.7	25.0	62.7				
3	17.8	30.0	24.1	70.3				
4	16.7	32.2	24.4	66.0				
5	17.0	33.2	24.8	65.7				
6	18.8	31.0	24.3	71.7				
7	16.0	32.4	23.4	64.3				
8	17.0	33.2	24.3	70.3				
9	18.0	32.8	25.4	67.7				
10	18.5	33.0	25.3	66.7				
11	16.9	32.8	25.5	56.0				
12	15.6	32.9	25.1	53.0				
13	15.7	32.0	23.9	66.0				
14	17.4	30.8	23.7	69.3				
15	18.8	27.4	22.3	80.3				
16	18.5	24.1	20.3	87.3				
17	18.6	29.8	23.0	75.7				
18	19.8	30.2	23.8	68.7				
19	19.4	29.8	22.8	80.0				
20	19.2	26.5	21.8	80.0				
21	16.8	29.2	22.9	77.3				
22	18.8	29.0	22.0	79.3				
23	18.5	29.2	23.2	76.7				
24	19.5	26.0	20.8	88.0				
25	16.8	29.8	21.7	84.0				
26	18.4	28.0	22.8	75.0				
27	17.5	27.2	21.6	78.7				
28	18.4	30.0	23.9	74.0				
29	18.0	28.4	22.1	80.3				
30	19.2	31.0	22.2	75.3				
31	====	====	====	====	=====	=====	=====	=====
TOTAL PROMEDIO	17.8	30.2	23.3	72.6				

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	28.0	22.6	67.3	0.0	0.0	0.0	3.5
2	16.0	28.4	22.5	74.7	0.0	9.0	9.0	4.8
3	17.9	29.1	22.1	73.3	0.0	0.0	0.0	6.7
4	17.4	28.9	22.4	75.0	.6	0.0	.6	5.7
5	16.9	30.0	21.5	72.0	1.0	0.0	1.0	7.4
6	16.0	30.1	22.8	67.0	0.0	0.0	0.0	7.5
7	18.0	29.2	22.6	69.3	0.0	0.0	0.0	6.6
8	17.0	28.8	22.6	61.7	34.5	4.6	39.1	4.5
9	17.9	25.9	21.6	76.7	0.0	0.0	0.0	2.9
10	18.0	25.3	20.6	80.0	.3	0.0	.3	6.1
11	17.0	28.4	21.8	70.7	0.0	0.0	0.0	5.4
12	15.0	29.1	23.0	69.3	0.0	0.0	0.0	7.0
13	17.0	30.0	21.9	73.7	0.0	40.0	40.0	9.3
14	15.0	30.2	22.3	68.7	0.0	0.0	0.0	8.5
15	14.9	30.0	22.5	71.3	0.0	0.0	0.0	8.6
16	16.6	31.4	22.9	66.0	0.0	0.0	0.0	5.6
17	16.0	29.7	22.7	69.3	0.0	22.0	22.0	.4
18	17.8	21.6	19.8	90.0	0.0	0.0	0.0	8.6
19	17.0	28.2	21.2	72.0	0.0	0.0	0.0	4.2
20	13.9	30.2	22.3	67.0	0.0	0.0	0.0	8.5
21	14.0	30.5	22.0	66.7	0.0	0.0	0.0	
22	14.1	31.0	23.2	66.3	0.0	0.0	0.0	
23	14.8	31.3	23.1	68.0	0.0	0.0	0.0	6.9
24	17.1	28.9	23.0	66.7	0.0	0.0	0.0	6.5
25	17.0	30.9	22.8	69.3	.6	0.0	.6	
26	17.8	29.2	23.3	73.7	2.2	2.0	4.2	6.6
27	18.9	27.8	21.8	77.7	0.0	0.0	0.0	3.0
28	17.8	27.9	21.3	75.3	.9	0.0	.9	4.0
29	14.9	30.2	21.8	75.3	.4	.5	.9	5.5
30	18.4	29.3	22.7	69.0	0.0	0.0	0.0	4.5
31	16.0	30.4	22.4	70.7	0.0	0.0	0.0	5.4
	====	====	====	====	=====	=====	=====	=====
TOTAL PROMEDIO	16.6	29.0	22.2	71.4	40.5	78.1	118.6	

ESTACION: SANTAGUEDA

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 40'W

ALTITUD : 1010 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.6	29.0	22.7	69.0	0.0	54.1	54.1	3.7
2	17.8	28.4	22.2	76.0	0.0	0.0	0.0	3.9
3	18.6	31.0	23.9	68.7	0.0	17.1	17.1	5.8
4	18.7	26.4	21.5	79.3	1.9	0.0	1.9	5.3
5	17.6	29.2	22.9	70.7	.9	0.0	.9	5.7
6	17.2	30.0	22.4	76.3	0.0	0.0	0.0	5.7
7	17.0	30.4	21.5	75.3	2.1	0.0	2.1	4.2
8	16.9	27.0	21.7	78.3	.8	6.4	7.2	0.0
9	18.8	28.0	22.3	74.0	0.0	18.5	18.5	7.6
10	18.0	27.8	21.7	75.0	0.0	0.0	0.0	2.1
11	17.5	30.0	23.0	73.0	0.0	4.7	4.7	6.9
12	18.5	30.8	24.0	65.0	0.0	0.0	0.0	
13	19.0	27.2	22.7	70.7	.7	0.0	.7	.9
14	18.2	29.0	22.9	71.3	0.0	9.0	9.0	1.1
15	18.6	27.2	21.0	81.3	12.5	0.0	12.5	6.5
16	17.8	29.4	22.7	72.7	0.0	1.2	1.2	9.7
17	17.0	29.8	22.5	74.0	0.0	0.0	0.0	8.6
18	17.8	29.4	23.1	70.7	0.0	0.0	0.0	6.6
19	18.6	25.2	20.4	86.7	0.0	0.0	0.0	6.7
20	16.2	29.2	21.7	79.3	0.0	0.0	0.0	3.4
21	18.0	28.4	22.5	78.0	0.0	0.0	0.0	4.1
22	17.0	27.0	22.2	76.0	0.0	1.2	1.2	6.4
23	18.0	29.9	23.9	69.3	0.0	0.0	0.0	7.1
24	17.8	28.2	21.8	78.7	0.0	3.1	3.1	3.3
25	18.0	25.3	21.2	81.7	0.0	0.0	0.0	0.0
26	16.0	29.2	22.1	75.7	0.0	0.0	0.0	5.8
27	17.4	27.3	23.0	79.0	0.0	0.0	0.0	1.9
28	18.0	29.4	23.7	75.7	0.0	39.4	39.4	3.7
29	18.4	24.2	21.1	85.3	0.0	0.0	0.0	0.0
30	18.0	28.9	22.3	77.7	0.0	0.0	0.0	5.0
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	17.8	28.4	22.3	75.5	18.9	154.7	173.6	

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.1	31.2	23.8	70.0	0.0	0.0	0.0	7.6
2	19.8	27.9	22.3	77.0	.3	9.2	9.5	2.8
3	18.2	28.2	22.7	74.3	.5	0.0	.5	4.4
4	18.0	30.0	22.9	74.0	0.0	8.9	8.9	7.5
5	17.2	23.4	20.3	84.0	.9	0.0	.9	0.0
6	15.0	29.3	22.3	73.0	0.0	0.0	0.0	8.4
7	18.7	30.8	24.0	71.0	0.0	0.0	0.0	8.4
8	19.2	31.0	23.9	71.0	0.0	19.4	19.4	6.8
9	19.8	24.8	21.1	83.0	1.0	0.0	1.0	0.0
10	17.4	29.8	23.2	72.3	0.0	0.0	0.0	8.3
11	18.0	30.0	23.2	77.3	0.0	2.4	2.4	4.4
12	18.4	30.5	23.5	74.3	0.0	.2	.2	6.1
13	18.9	28.8	22.7	74.7	0.0	0.0	0.0	7.2
14	18.2	28.5	22.9	77.7	0.0	6.8	6.8	2.6
15	18.9	25.0	22.0	85.7	3.2	9.8	13.0	.4
16	17.8	26.0	22.3	72.0	0.0	0.0	0.0	5.0
17	19.0	21.8	20.1	87.3	1.0	0.0	1.0	0.0
18	16.2	28.4	22.4	72.0	0.0	0.0	0.0	6.1
19	16.0	29.7	22.5	71.3	0.0	0.0	0.0	6.1
20	16.8	28.0	22.8	71.3	0.0	.3	.3	8.1
21	18.1	30.0	23.4	71.0	.1	17.0	17.1	4.0
22	18.4	23.3	20.9	83.7	0.0	0.0	0.0	2.2
23	18.0	27.4	22.9	71.7	0.0	0.0	0.0	5.6
24	16.4	30.0	22.6	67.3	0.0	0.0	0.0	8.0
25	15.0	29.9	22.1	73.3	0.0	0.0	0.0	5.4
26	15.8	29.4	23.0	71.3	0.0	0.0	0.0	7.4
27	17.4	30.8	23.4	67.3	0.0	0.0	0.0	9.1
28	18.8	29.7	23.5	71.0	0.0	47.2	47.2	5.2
29	18.0	27.0	21.6	80.3	1.2	0.0	1.2	2.7
30	17.0	29.3	22.4	73.0	0.0	0.0	0.0	8.2
31	17.6	30.8	24.2	69.7	0.0	0.0	0.0	8.0
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	17.7	28.4	22.6	74.6	8.2	121.2	129.4	166.0

Estación: SANTAGUEDA

Dpto.: CALDAS

Latitud : 05° 05'N

Año: 1991

Mpio.: PALESTINA

Longitud: 75° 40'W
Altitud : 1010 m.

MES	TEMPERATURA °C					Hum. Rel.(%)	PRECIPITACION		Brillo Sol.(h)
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	
ENERO	17.8	30.6	23.4	14.0	34.4	67.5	55.4	10	205.0
FEBRERO	18.1	31.1	24.1	16.0	33.2	66.3	117.8	9	178.4
MARZO	18.3	30.0	23.3	15.8	33.2	70.3	249.2	16	
ABRIL	18.2	29.4	23.3	15.0	31.8	70.4	266.9	18	161.0
MAYO	18.4	28.2	22.8	15.5	32.4	75.7	156.9	21	96.7
JUNIO	18.6	29.2	23.4	17.0	32.8	74.9	205.0	20	129.4
JULIO	18.0	29.1	23.1	15.6	31.8	74.0	105.3	11	
AGOSTO	16.5	29.7	23.4	13.6	32.3	68.5	35.5	7	
SEPTIEMBRE	17.8	30.2	23.3	15.6	33.7	72.6			
OCTUBRE	16.6	29.0	22.2	13.9	31.4	71.4	118.6	11	
NOVIEMBRE	17.8	28.4	22.3	16.0	31.0	75.5	173.6	15	
DICIEMBRE	17.7	28.4	22.6	15.0	31.2	74.6	129.4	15	166.0
PROMEDIO	17.8	29.4	23.1			71.8			
ABSOLUTA				13.6	34.4				
TOTAL									

ESTACION: GRANJA LUKER

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 41'W
ALTITUD : 1020 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	29.0	22.4	72.0	0.0	0.0	0.0	5.3
2	18.5	30.8	22.7	70.7	0.0	2.9	2.9	7.9
3	19.5	29.0	22.9	78.0	.3	2.7	3.0	6.1
4	20.0	29.9	22.9	77.3	0.0	0.0	0.0	5.8
5	19.9	31.0	23.8	70.3	0.0	0.0	0.0	6.8
6	19.5	31.1	22.6	72.3	7.3	5.1	12.4	6.5
7	18.0	30.2	22.7	73.3	0.0	0.0	0.0	6.5
8	18.2	30.8	23.3	70.7	0.0	0.0	0.0	7.6
9	19.5	31.0	23.9	68.7	0.0	0.0	0.0	6.5
10	18.0	31.2	23.2	70.0	0.0	0.0	0.0	7.1
11	19.8	30.2	24.5	68.0	0.0	4.0	4.0	5.5
12	20.0	30.0	23.3	73.0	0.0	0.0	0.0	6.3
13	19.0	30.1	23.7	69.0	0.0	4.0	4.0	8.0
14	18.8	29.2	22.5	75.7	.9	9.3	10.2	4.8
15	18.5	28.0	22.0	78.0	0.0	0.0	0.0	5.3
16	15.0	31.0	22.2	68.7	0.0	0.0	0.0	9.7
17	18.5	29.9	22.6	73.3	0.0	0.0	0.0	2.3
18	19.0	30.2	23.8	66.3	.1	0.0	.1	7.0
19	20.0	30.1	24.1	66.0	0.0	.6	.6	7.2
20	19.0	30.0	22.4	73.3	2.5	0.0	2.5	4.4
21	18.8	32.0	23.7	66.0	0.0	0.0	0.0	9.9
22	18.5	32.5	23.0	71.0	0.0	0.0	0.0	8.9
23	16.0	32.0	22.0	68.0	0.0	0.0	0.0	9.7
24	15.5	31.0	23.0	64.7	0.0	0.0	0.0	7.1
25	18.0	31.8	24.1	63.3	0.0	0.0	0.0	9.1
26	17.5	30.5	24.3	57.3	0.0	0.0	0.0	8.5
27	16.2	28.2	22.3	70.0	0.0	0.0	0.0	4.6
28	14.5	33.0	24.1	60.7	0.0	0.0	0.0	8.5
29	16.2	33.1	23.1	66.3	0.0	0.0	0.0	8.3
30	19.0	30.0	24.3	66.7	0.0	0.0	0.0	3.8
31	19.4	32.8	24.4	67.3	0.0	0.0	0.0	7.7
TOTAL PROMEDIO	18.3	30.6	23.2	69.5	11.1	28.6	39.7	212.7

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.5	32.4	25.0	62.0	0.0	0.0	0.0	8.8
2	18.8	32.0	23.2	75.3	2.3	39.0	41.3	7.4
3	17.1	25.4	21.6	77.3	4.7	0.0	4.7	1.8
4	17.0	30.3	22.9	65.3	0.0	.2	.2	9.3
5	16.8	31.0	23.5	66.0	0.0	0.0	0.0	8.8
6	18.0	31.4	23.8	66.3	0.0	0.0	0.0	9.9
7	16.0	30.8	23.0	66.7	0.0	0.0	0.0	9.0
8	18.0	30.2	24.4	65.0	0.0	0.0	0.0	9.1
9	16.0	32.0	23.7	63.7	0.0	0.0	0.0	9.2
10	15.8	32.5	24.6	63.3	0.0	0.0	0.0	9.3
11	18.0	32.9	23.5	75.3	.6	0.0	.6	8.3
12	19.0	31.2	24.1	69.3	0.0	2.6	2.6	7.0
13	18.5	32.0	24.3	69.7	0.0	0.0	0.0	6.1
14	19.0	32.5	24.9	69.3	0.0	.1	.1	8.6
15	20.0	31.0	25.4	69.7	0.0	40.3	40.3	7.7
16	18.0	27.2	22.2	79.3	0.0	0.0	0.0	2.0
17	16.0	32.0	23.4	69.3	0.0	.1	.1	9.9
18	18.0	30.0	23.7	67.3	0.0	0.0	0.0	8.1
19	19.0	28.8	22.9	68.3	0.0	0.0	0.0	3.6
20	19.2	30.2	24.3	64.7	0.0	4.1	4.1	6.7
21	18.0	29.2	23.2	69.0	0.0	0.0	0.0	6.7
22	16.0	31.2	23.9	64.7	0.0	0.0	0.0	9.6
23	18.6	31.5	24.9	66.0	0.0	0.0	0.0	8.5
24	18.2	30.2	25.4	63.0	0.0	0.0	0.0	8.8
25	16.0	32.0	23.2	64.3	0.0	0.0	0.0	0.0
26	19.0	28.4	23.7	68.0	.1	0.0	.1	2.9
27	18.2	32.0	24.5	59.0	0.0	26.2	26.2	5.9
28	18.0	31.0	23.8	68.3	0.0	0.0	0.0	4.5
29								
30								
31								
TOTAL PROMEDIO	17.8	30.8	23.8	67.7	7.7	112.6	120.3	

ESTACION: GRANJA LUKER

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD : 75° 41'W

ALTITUD : 1020 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	31.0	21.3	76.0	47.8	1.8	49.6	5.9
2	17.8	28.5	22.7	71.3	0.0	0.0	0.0	6.5
3	18.0	30.0	23.2	70.0	0.0	0.0	0.0	8.1
4	17.2	31.0	24.2	64.0	0.0	1.9	1.9	7.9
5	17.0	30.0	22.5	72.0	0.0	0.0	0.0	6.5
6	16.9	31.4	24.5	64.0	0.0	.4	.4	8.8
7	19.0	29.5	22.0	76.0	20.2	.6	20.8	4.8
8	18.0	30.0	22.8	74.7	8.4	33.7	42.1	3.8
9	17.0	29.9	22.7	71.0	0.0	0.0	0.0	6.3
10	18.0	28.0	22.5	70.7	0.0	0.0	0.0	3.0
11	17.5	29.5	22.7	68.7	0.0	0.0	0.0	6.2
12	18.0	28.0	21.1	78.0	14.8	0.0	14.8	5.3
13	17.8	28.5	22.1	70.7	18.1	18.2	36.3	4.2
14	18.0	29.0	20.3	76.7	8.3	1.7	10.0	6.4
15	17.0	28.2	21.5	68.7	0.0	0.0	0.0	5.1
16	18.5	30.0	24.3	69.0	0.0	6.2	6.2	9.8
17	19.2	30.2	23.8	68.7	0.0	0.0	0.0	9.2
18	19.0	32.0	24.3	60.7	0.0	0.0	0.0	8.9
19	17.0	31.4	23.5	66.0	0.0	0.0	0.0	9.2
20	18.0	31.6	24.1	68.3	0.0	0.0	0.0	6.1
21	16.0	32.0	23.7	62.7	0.0	0.0	0.0	6.6
22	17.0	31.2	23.9	63.3	0.0	0.0	0.0	3.9
23	19.2	30.5	24.2	70.7	0.0	10.4	10.4	2.8
24	18.4	28.4	22.9	68.0	0.0	23.9	23.9	2.5
25	18.5	28.2	22.6	72.7	5.1	42.0	47.1	5.6
26	18.0	24.0	20.8	81.3	7.3	1.3	8.6	.6
27	17.0	28.0	22.3	68.7	0.0	.5	.5	4.4
28	18.0	25.0	20.8	81.3	0.0	0.0	0.0	2.9
29	16.0	29.6	22.8	64.0	0.0	0.0	0.0	8.6
30	17.0	30.2	23.4	66.7	0.0	0.0	0.0	7.8
31	18.5	29.2	21.9	72.0	0.0	.3	.3	4.6
TOTAL PROMEDIO	17.7	29.5	22.7	70.2	130.0	142.9	272.9	182.3

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.2	27.0	20.9	78.0	0.0	10.2	10.2	3.3
2	17.0	29.5	21.5	72.0	0.0	0.0	0.0	3.7
3	15.0	31.2	23.3	63.3	0.0	0.0	0.0	9.6
4	18.5	30.0	23.6	69.7	0.0	0.0	0.0	6.3
5	17.5	30.5	23.9	69.7	0.0	3.3	3.3	6.6
6	19.0	28.8	23.5	69.7	0.0	16.5	16.5	5.2
7	18.9	29.0	22.7	71.7	0.0	0.0	0.0	4.2
8	18.0	28.5	22.3	74.7	.5	36.5	37.0	2.8
9	17.5	27.2	22.3	71.0	.2	2.6	2.8	1.8
10	18.4	26.2	21.4	75.0	0.0	0.0	0.0	1.8
11	17.5	29.5	23.4	68.0	0.0	.4	.4	5.3
12	18.0	25.0	20.8	88.0	33.7	21.2	54.9	.3
13	17.5	27.0	21.3	75.3	0.0	0.0	0.0	2.7
14	17.0	28.5	22.4	69.7	0.0	9.2	9.2	7.5
15	17.5	29.0	22.3	69.3	0.0	0.0	0.0	6.5
16	17.0	31.0	23.0	67.0	0.0	0.0	0.0	10.3
17	18.0	28.6	22.8	70.0	2.1	0.0	2.1	3.5
18	17.9	29.8	23.3	67.7	0.0	2.9	2.9	7.9
19	17.0	30.0	23.0	70.0	0.0	7.4	7.4	8.3
20	17.1	29.0	23.5	72.7	0.0	13.6	13.6	6.9
21	17.4	28.5	22.6	72.3	0.0	0.0	0.0	7.3
22	17.0	28.0	23.3	75.3	0.0	5.6	5.6	2.9
23	19.0	29.0	23.1	75.3	1.2	0.0	1.2	5.2
24	18.0	30.0	23.8	72.0	0.0	0.0	0.0	8.7
25	18.5	29.8	23.8	69.7	0.0	0.0	0.0	7.3
26	19.0	29.2	22.3	75.7	1.2	.1	1.3	6.0
27	17.5	29.5	23.0	70.0	0.0	.9	.9	6.0
28	18.0	25.5	21.6	78.3	.4	3.0	3.4	.4
29	17.5	29.5	22.4	75.3	0.0	0.0	0.0	5.1
30	19.0	31.0	22.4	72.7	1.2	19.8	21.0	8.4
31	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	17.7	28.8	22.6	72.3	40.5	153.2	193.7	161.8

ESTACION: GRANJA LUKEK

DPTO: CALLES

LATITUD : 05° 05' N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 41' W
ALTITUD : 1020 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.5	28.5	23.2	71.0	0.0	0.0	0.0	4.9
2	19.0	30.0	24.2	71.3	0.0	4.1	4.1	3.5
3	19.4	26.0	22.3	86.7	.5	.2	.7	0.0
4	18.5	28.5	22.7	78.7	0.0	15.1	15.1	2.3
5	18.0	26.0	21.1	84.0	0.0	0.0	0.0	.3
6	19.0	30.0	23.6	73.3	0.0	2.2	2.2	5.6
7	18.0	29.8	23.5	73.3	0.0	0.0	0.0	3.9
8	18.5	32.0	24.7	72.0	0.0	5.3	5.3	8.1
9	20.0	29.0	23.3	75.3	0.0	0.0	0.0	.2
10	18.0	31.5	23.5	73.0	0.0	0.0	0.0	7.1
11	18.2	28.0	23.3	75.0	0.0	3.0	3.0	5.1
12	18.0	29.4	22.6	76.0	.7	47.9	48.6	4.3
13	17.8	31.0	24.0	73.0	0.0	.1	.1	7.3
14	20.0	28.4	24.1	77.7	0.0	5.4	5.4	1.7
15	20.1	28.0	23.5	75.0	0.0	0.0	0.0	2.4
16	20.0	28.2	23.5	72.7	.9	4.0	4.9	2.9
17	19.0	26.0	21.3	86.0	16.7	12.3	29.0	.3
18	18.0	26.5	21.6	80.7	.3	0.0	.3	2.6
19	18.2	27.6	21.6	78.7	1.3	10.8	12.1	4.6
20	18.0	28.0	22.0	74.0	7.7	2.0	9.7	4.1
21	18.1	23.0	20.6	89.3	10.8	.3	11.1	0.0
22	18.2	25.2	21.6	82.0	.2	0.0	.2	1.0
23	18.0	28.5	22.1	75.3	9.9	2.9	12.8	5.1
24	17.0	24.2	19.9	82.3	.6	.1	.7	1.4
25	15.0	29.5	22.2	69.3	0.0	0.0	0.0	7.9
26	17.0	27.5	21.7	72.7	0.0	17.8	17.8	3.9
27	16.5	29.0	23.3	77.0	0.0	0.0	0.0	5.7
28	18.0	31.5	25.3	67.3	0.0	.7	.7	7.9
29	19.0	30.0	24.3	69.0	0.0	.8	.8	6.8
30	20.0	25.5	21.6	87.0	0.0	0.0	0.0	.7
31	18.0	28.8	23.1	78.3	0.0	9.7	9.7	2.8
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.4	28.2	22.7	76.7	49.6	144.7	194.3	114.4

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	19.0	27.0	22.8	78.0	0.0	0.0	0.0	.9
2	17.4	29.2	22.9	74.0	0.0	.2	.2	4.4
3	19.0	29.0	23.7	79.3	0.0	0.0	0.0	3.8
4	18.2	30.5	23.6	77.7	4.8	5.9	10.7	5.8
5	18.1	26.2	22.2	83.0	.1	0.0	.1	1.9
6	18.6	29.4	23.6	74.7	0.0	0.0	0.0	5.4
7	19.0	32.0	25.0	70.0	0.0	.1	.1	8.3
8	20.0	30.5	24.9	75.7	0.0	0.0	0.0	6.7
9	18.4	31.0	25.0	74.7	0.0	0.0	0.0	6.9
10	18.0	32.5	23.9	79.3	1.1	0.0	1.1	8.1
11	19.0	33.0	25.9	69.7	0.0	0.0	0.0	8.4
12	18.0	30.0	23.9	77.0	0.0	0.0	0.0	5.3
13	17.8	32.0	24.1	73.7	0.0	26.4	26.4	7.7
14	19.2	28.5	23.8	79.3	.1	39.8	39.9	4.9
15	18.0	30.5	23.3	74.7	0.0	41.9	41.9	6.1
16	18.1	26.8	22.4	83.7	0.0	.1	.1	3.5
17	19.6	27.0	21.5	82.7	1.8	0.0	1.8	2.0
18	16.8	28.0	22.1	77.3	0.0	1.0	1.0	7.2
19	18.2	27.0	22.3	80.7	22.4	0.0	22.4	1.3
20	17.0	30.0	23.1	74.7	0.0	16.8	16.8	6.0
21	19.2	25.5	22.4	82.7	.1	0.0	.1	.4
22	19.0	28.5	23.3	73.7	0.0	0.0	0.0	5.1
23	19.6	28.0	22.7	76.7	0.0	0.0	0.0	4.5
24	18.8	29.2	22.5	77.7	0.0	.4	.4	2.8
25	18.0	29.4	23.0	73.7	0.0	.7	.7	5.6
26	20.0	29.8	24.0	71.0	0.0	41.4	41.4	6.2
27	19.0	28.5	23.3	76.7	0.0	4.2	4.2	3.7
28	18.0	28.2	22.3	72.3	0.0	0.0	0.0	6.4
29	19.2	27.5	22.4	81.7	1.9	0.0	1.9	3.5
30	17.8	27.8	23.0	74.0	0.0	0.0	0.0	5.3
31	====	====	====	====	====	====	====	====
TOTAL	18.5	29.1	23.3	76.7	32.3	178.9	211.2	148.1
PROMEDIO	18.5	29.1	23.3	76.7	32.3	178.9	211.2	148.1

ESTACION: GRANJA LUKER

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 41'W

ALTITUD : 1020 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	19.5	29.1	23.5	75.3	0.0	0.0	0.0	4.2
2	19.8	31.5	24.5	72.0	0.0	0.0	0.0	8.6
3	18.5	29.5	24.0	74.0	0.0	36.4	36.4	4.9
4	18.0	28.0	21.9	82.3	0.0	8.2	8.2	1.0
5	19.0	26.8	22.8	78.0	.5	19.1	19.6	1.2
6	17.5	28.5	23.3	74.3	0.0	12.8	12.8	6.2
7	19.0	29.0	22.6	76.7	2.3	21.1	23.4	3.5
8	18.0	30.3	23.2	75.7	0.0	0.0	0.0	6.8
9	19.5	27.5	22.3	77.0	0.0	0.0	0.0	5.6
10	16.5	29.5	23.3	74.7	0.0	0.0	0.0	6.0
11	19.0	29.0	23.2	79.7	0.0	0.0	0.0	5.0
12	18.5	29.5	23.1	74.3	0.0	0.0	0.0	6.7
13	18.4	28.5	23.1	74.0	0.0	0.0	0.0	7.8
14	15.5	31.5	24.2	62.3	0.0	0.0	0.0	9.7
15	18.0	31.8	24.2	71.7	0.0	.7	.7	7.1
16	18.5	31.0	23.9	75.7	0.0	0.0	0.0	5.9
17	17.5	31.4	24.3	70.7	0.0	0.0	0.0	7.8
18	19.5	30.8	24.6	70.0	0.0	0.0	0.0	7.2
19	18.5	32.4	24.9	66.3	0.0	0.0	0.0	9.2
20	17.5	30.8	24.3	70.0	0.0	1.4	1.4	1.5
21	19.0	31.5	24.8	69.7	.1	3.3	3.4	6.7
22	20.0	30.0	24.8	73.3	0.0	0.0	0.0	4.9
23	19.0	31.0	24.4	71.3	0.0	0.0	0.0	6.7
24	19.5	29.0	22.0	83.0	.7	0.0	.7	.8
25	16.5	29.8	22.1	79.7	0.0	0.0	0.0	6.5
26	16.8	30.0	23.4	74.0	0.0	0.0	0.0	5.2
27	19.5	30.8	24.5	70.7	0.0	0.0	0.0	5.3
28	18.0	29.5	24.3	73.3	0.0	0.0	0.0	4.7
29	19.5	30.5	24.9	73.7	0.0	.2	.2	7.2
30	20.0	27.4	22.1	80.3	0.0	13.0	13.0	1.5
31	18.5	24.5	19.8	91.3	5.5	5.8	11.3	.2
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.5	29.7	23.5	74.7	9.1	122.0	131.1	165.6

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.5	26.0	21.0	83.7	1.3	0.0	1.3	3.2
2	16.5	30.5	22.7	77.0	.1	1.5	1.6	9.1
3	19.0	27.0	22.6	77.7	0.0	0.0	0.0	2.5
4	16.5	31.0	23.8	68.0	0.0	0.0	0.0	9.5
5	18.5	28.0	22.7	81.0	0.0	0.0	0.0	2.8
6	19.8	30.5	24.5	71.3	0.0	0.0	0.0	6.3
7	19.6	30.0	23.7	78.0	7.7	21.8	29.5	7.4
8	19.5	30.2	23.1	74.0	0.0	16.1	16.1	7.8
9	18.7	28.8	22.8	76.3	0.0	9.6	9.6	5.0
10	18.8	29.8	22.7	80.0	0.0	0.0	0.0	5.3
11	16.5	30.5	24.1	72.3	0.0	0.0	0.0	9.7
12	18.0	29.2	22.7	78.7	0.0	0.0	0.0	4.9
13	16.0	32.0	23.5	65.3	0.0	0.0	0.0	9.7
14	17.5	30.0	23.6	72.0	0.0	0.0	0.0	6.4
15	16.6	31.0	24.3	62.7	0.0	0.0	0.0	7.6
16	15.0	31.5	23.0	72.0	0.0	0.0	0.0	9.8
17	15.8	29.2	22.9	71.7	0.0	0.0	0.0	4.0
18	17.8	28.4	23.3	77.3	0.0	.6	.6	3.6
19	19.0	29.1	24.0	77.0	0.0	.7	.7	5.6
20	16.5	31.8	24.0	71.3	0.0	0.0	0.0	9.4
21	17.8	31.4	24.2	74.0	0.0	0.0	0.0	7.7
22	16.8	30.9	23.0	76.0	0.0	0.0	0.0	6.1
23	17.0	32.0	24.2	66.7	0.0	0.0	0.0	7.9
24	17.2	31.6	23.3	70.0	0.0	0.0	0.0	8.3
25	17.1	31.0	23.9	69.7	0.0	0.0	0.0	7.0
26	17.0	33.0	24.6	68.0	0.0	0.0	0.0	8.7
27	18.0	31.0	24.1	73.3	0.0	.4	.4	5.9
28	18.8	31.5	23.5	67.3	0.0	0.0	0.0	6.7
29	14.8	31.5	23.1	68.7	0.0	0.0	0.0	7.2
30	15.6	28.2	22.1	78.7	0.0	0.0	0.0	2.8
31	18.0	31.0	24.5	73.7	0.0	0.0	0.0	5.6
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.5	30.2	23.4	73.3	9.1	50.7	59.8	203.5

ESTACION: GRANJA LUKER

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 41'W
ALTITUD : 1020 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.8	31.2	23.6	72.7	0.0	0.0	0.0	4.7
2	16.5	33.9	25.2	64.0	0.0	0.0	0.0	8.8
3	18.0	30.0	24.0	75.3	0.0	0.0	0.0	2.9
4	16.8	32.2	24.5	70.3	0.0	0.0	0.0	7.2
5	17.0	33.2	25.2	66.7	0.0	0.0	0.0	7.7
6	19.0	31.0	24.1	74.7	0.0	0.0	0.0	5.2
7	16.0	32.8	24.3	70.0	0.0	0.0	0.0	8.2
8	17.0	33.0	24.6	72.0	0.0	0.0	0.0	8.3
9	18.0	33.1	25.4	70.0	0.0	0.0	0.0	6.7
10	18.4	32.9	25.2	69.3	0.0	0.0	0.0	5.6
11	16.8	33.2	25.4	58.0	0.0	0.0	0.0	8.5
12	15.5	33.1	25.3	55.3	0.0	0.0	0.0	8.4
13	15.8	31.9	24.4	69.7	0.0	0.0	0.0	6.9
14	17.8	31.0	24.0	70.7	0.0	4.4	4.4	7.1
15	19.5	27.8	22.7	83.3	.4	36.8	37.2	2.6
16	18.8	24.9	20.4	95.3	2.3	1.3	3.6	4.4
17	18.5	30.0	23.2	78.0	0.0	0.0	0.0	5.2
18	20.0	30.8	24.1	74.3	0.0	16.3	16.3	5.3
19	19.6	30.2	23.0	82.0	0.0	.3	.3	6.1
20	19.5	26.8	22.5	81.0	5.0	1.7	6.7	2.4
21	17.0	29.2	23.1	80.7	0.0	31.0	31.0	
22	19.0	29.0	22.0	81.3	1.8	19.5	21.3	3.3
23	18.5	29.2	23.6	78.7	0.0	9.5	9.5	4.9
24	19.5	26.5	20.9	88.7	.3	0.0	.3	.1
25	17.0	30.0	22.1	85.3	2.4	13.0	15.4	3.4
26	18.5	29.0	22.8	80.0	0.0	2.1	2.1	4.7
27	17.8	27.5	21.9	82.7	.7	0.0	.7	1.2
28	18.5	30.5	23.8	75.0	0.0	49.6	49.6	6.6
29	18.2	28.8	22.2	83.3	0.0	0.0	0.0	4.3
30	18.5	31.2	22.5	77.3	1.5	.2	1.7	7.2
31								
TOTAL					14.4	185.7	200.1	
PROMEDIO	18.0	30.5	23.5	75.5				

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	28.2	22.8	75.0	.1	0.0	.1	3.5
2	17.0	28.4	21.9	81.3	.1	8.3	8.4	4.2
3	18.0	29.5	22.4	78.3	0.0	0.0	0.0	6.7
4	17.5	28.6	22.9	77.7	0.0	0.0	0.0	6.4
5	17.0	30.0	21.8	79.3	6.8	0.0	6.8	6.5
6	16.5	30.1	22.7	74.0	.1	.4	.5	5.4
7	18.0	29.8	23.0	77.3	0.0	0.0	0.0	7.0
8	17.2	29.0	22.5	79.3	.1	18.6	18.7	4.7
9	18.8	26.0	21.9	82.7	0.0	1.1	1.1	2.1
10	18.2	26.5	20.9	88.7	.5	0.0	.5	.3
11	18.0	29.0	21.7	78.7	0.0	0.0	0.0	5.4
12	16.8	29.2	22.8	77.0	0.0	0.0	0.0	7.4
13	17.0	30.0	23.4	76.3	1.9	16.6	18.5	6.4
14	15.0	32.5	23.8	79.7	0.0	0.0	0.0	7.9
15	16.8	31.4	24.0	80.7	0.0	0.0	0.0	8.9
16	18.8	31.9	23.7	72.7	0.0	0.0	0.0	10.0
17	16.8	29.9	23.4	73.3	0.0	34.7	34.7	6.5
18	18.0	22.8	20.0	95.0	.8	0.0	.8	0.0
19	16.8	28.0	21.5	82.0	0.0	0.0	0.0	4.8
20	14.5	30.0	22.1	77.3	0.0	0.0	0.0	8.6
21	14.8	31.2	23.6	77.3	0.0	0.0	0.0	9.0
22	15.8	31.6	23.6	75.7	0.0	0.0	0.0	9.2
23	15.9	31.7	23.1	75.3	0.0	0.0	0.0	7.7
24	17.8	29.1	23.5	82.0	0.0	0.0	0.0	.6
25	17.9	31.2	24.6	72.7	0.0	4.1	4.1	7.1
26	18.8	29.9	23.1	82.0	0.0	9.4	9.4	5.1
27	19.8	28.0	22.1	85.3	.6	0.0	.6	2.4
28	17.6	28.2	22.4	80.0	.7	0.0	.7	3.9
29	16.6	30.0	22.3	81.0	.2	.4	.6	6.4
30	19.6	29.9	23.3	81.3	0.0	0.0	0.0	5.2
31	17.4	30.0	22.7	79.7	0.0	0.0	0.0	5.1
TOTAL					11.9	93.6	105.5	174.4
PROMEDIO	17.3	29.4	22.7	79.3				

ESTACION: GRANJA LUKER

DPTO: CALDAS

LATITUD : 05° 05'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 41'W
ALTITUD : 1020 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	28.9	22.7	82.0	0.0	23.8	23.8	3.9
2	18.8	29.0	22.5	85.7	0.0	0.0	0.0	5.2
3	18.9	30.2	24.0	70.7	0.0	15.2	15.2	6.4
4	19.0	28.8	22.3	82.7	5.3	0.0	5.3	2.2
5	19.5	30.1	24.0	79.3	0.0	0.0	0.0	6.1
6	19.0	31.0	24.4	76.7	.6	0.0	.6	5.9
7	19.1	31.2	23.5	77.7	2.3	0.0	2.3	6.0
8	19.0	27.2	22.2	84.7	1.2	5.7	6.9	1.8
9	19.8	29.0	22.8	80.7	0.0	9.2	9.2	5.2
10	19.0	28.2	22.2	84.3	0.0	0.0	0.0	3.8
11	18.9	31.0	23.4	81.3	0.0	0.0	0.0	7.0
12	19.8	31.8	24.9	74.3	0.0	5.6	5.6	9.3
13	20.6	29.0	23.8	78.7	0.0	0.0	0.0	1.9
14	19.9	30.2	24.0	76.7	0.0	11.1	11.1	6.1
15	19.0	28.0	22.4	76.7	9.8	0.0	9.8	2.5
16	18.9	30.2	23.0	74.3	0.0	.7	.7	8.3
17	18.0	30.1	23.2	76.3	0.0	0.0	0.0	6.8
18	18.1	31.2	23.8	72.3	0.0	0.0	0.0	8.1
19	19.0	28.8	22.8	81.0	0.0	0.0	0.0	1.2
20	18.0	31.2	23.0	75.0	0.0	0.0	0.0	6.6
21	20.0	29.2	22.7	75.3	.1	0.0	.1	6.6
22	17.8	30.1	23.5	75.7	0.0	9.2	9.2	3.7
23	20.4	30.0	23.8	80.0	0.0	0.0	0.0	6.6
24	18.5	29.1	23.5	75.3	0.0	4.3	4.3	4.8
25	19.0	26.0	21.5	79.3	0.0	0.0	0.0	0.0
26	17.5	29.8	22.7	75.3	0.0	0.0	0.0	6.1
27	18.5	27.8	23.0	78.7	0.0	0.0	0.0	2.6
28	19.0	29.8	24.2	72.7	0.0	24.5	24.5	3.5
29	19.1	24.8	21.3	80.0	0.0	0.0	0.0	0.0
30	18.8	29.2	22.7	77.3	0.0	0.0	0.0	4.9
31								
TOTAL PROMEDIO	18.9	29.4	23.1	78.0	19.3	109.3	128.6	143.1

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	31.2	23.3	72.7	0.0	0.0	0.0	7.5
2	19.8	28.0	23.1	74.0	.1	11.4	11.5	3.1
3	18.8	28.8	22.3	74.7	.7	0.0	.7	4.0
4	18.7	31.0	23.7	72.0	0.0	17.9	17.9	7.6
5	18.0	23.8	20.4	81.3	.9	0.0	.9	0.0
6	16.0	29.9	22.8	69.3	0.0	0.0	0.0	8.1
7	19.0	30.8	23.9	68.7	0.0	0.0	0.0	8.4
8	20.0	30.9	23.9	69.7	0.0	13.6	13.6	6.5
9	20.1	27.0	22.8	82.3	.4	0.0	.4	0.0
10	18.8	31.0	24.0	68.0	0.0	5.6	5.6	8.1
11	18.0	29.9	22.8	72.7	0.0	11.7	11.7	5.0
12	19.6	31.4	23.6	72.7	.2	19.8	20.0	5.8
13	19.8	29.9	23.1	71.0	0.0	0.0	0.0	6.2
14	18.8	28.2	22.9	72.0	0.0	10.4	10.4	3.8
15	19.5	26.0	22.2	80.3	2.1	8.3	10.4	.9
16	18.0	28.2	22.2	66.7	.7	0.0	.7	4.5
17	19.0	22.2	19.9	82.0	.6	0.0	.6	.1
18	16.5	28.2	21.9	72.7	0.0	0.0	0.0	6.3
19	16.2	29.0	22.2	70.7	0.0	0.0	0.0	6.2
20	17.5	29.9	22.4	70.7	0.0	1.0	1.0	7.8
21	18.5	30.1	23.1	68.0	0.0	0.0	0.0	6.2
22	19.0	24.0	20.9	79.7	0.0	0.0	0.0	.6
23	18.5	29.9	23.1	70.7	0.0	0.0	0.0	6.2
24	17.8	31.2	23.4	68.7	0.0	0.0	0.0	6.5
25	16.5	30.0	22.2	72.0	0.0	0.0	0.0	6.1
26	17.0	30.1	22.6	69.7	0.0	0.0	0.0	6.7
27	17.8	31.2	23.5	66.0	0.0	0.0	0.0	8.4
28	19.0	29.9	23.7	67.7	0.0	35.3	35.3	5.7
29	18.8	26.9	21.2	74.7	3.0	0.0	3.0	3.3
30	17.5	30.8	23.6	72.7	0.0	.1	.1	8.2
31	18.8	31.8	24.0	68.0	0.0	0.0	0.0	8.0
TOTAL PROMEDIO	18.4	29.1	22.7	72.3	8.7	135.1	143.8	165.8

Estación: GRANJA LUKER

Dpto.: CALDAS

Latitud : 05° 05'N

Año: 1991

Mpio.: PALESTINA

Longitud: 75° 41'W

Altitud : 1020 m.

MES	TEMPERATURA °C					Hum. Rel.(%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol.(h)
ENERO	18.3	30.6	23.2	14.5	33.1	69.5	39.7	9	212.7
FEBRERO	17.8	30.8	23.8	15.8	32.9	67.7	120.3	11	
MARZO	17.7	29.5	22.7	16.0	32.0	70.2	272.9	15	182.3
ABRIL	17.7	28.8	22.6	15.0	31.2	72.3	193.7	18	161.8
MAYO	18.4	28.2	22.7	15.0	32.0	76.7	194.3	22	114.4
JUNIO	18.5	29.1	23.3	16.8	33.0	76.7	211.2	19	148.1
JULIO	18.5	29.7	23.5	15.5	32.4	74.7	131.1	12	165.6
AGOSTO	17.5	30.2	23.4	14.8	33.0	73.3	59.8	8	203.5
SEPTIEMBRE	18.0	30.5	23.5	15.5	33.9	75.5	200.1	15	
OCTUBRE	17.3	29.4	22.7	14.5	32.5	79.3	105.5	15	174.4
NOVIEMBRE	18.9	29.4	23.1	17.5	31.8	78.0	128.6	15	143.1
DICIEMBRE	18.4	29.1	22.7	16.0	31.8	72.3	143.8	17	165.8
PROMEDIO	18.1	29.6	23.1			73.9			
ABSOLUTA				14.5	33.9				
TOTAL							1801.0	176	

ESTACION: AGRONOMIA

DPTO: CALDAS

LATITUD : 05° 03'N

AÑO: 1991

MPIO: MANIZALES

LONGITUD: 75° 29'W
ALTITUD : 2150 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.1	21.2	16.7	79.7	0.0	1.6	1.6	4.0
2	13.0	21.0	16.1	72.0	0.0	1.5	1.5	5.6
3	13.8	21.2	17.0	77.7	0.0	0.0	0.0	4.3
4	13.9	22.0	16.4	79.7	0.0	0.0	0.0	5.8
5	13.1	22.1	17.6	68.7	0.0	0.0	0.0	6.4
6	12.8	22.0	16.7	70.7	1.2	.3	1.5	4.7
7	12.4	22.2	16.5	73.7	0.0	0.0	0.0	4.7
8	13.2	21.2	17.6	69.3	0.0	0.0	0.0	4.4
9	13.8	23.4	18.3	64.7	0.0	0.0	0.0	6.5
10	13.9	22.8	17.8	68.7	0.0	0.0	0.0	5.0
11	14.0	21.5	17.1	78.3	10.2	8.7	18.9	3.7
12	13.9	21.0	17.3	80.0	0.0	0.0	0.0	6.3
13	14.1	22.0	17.4	70.7	0.0	24.6	24.6	6.6
14	13.0	21.1	16.4	77.3	0.0	0.0	0.0	1.8
15	13.1	19.8	16.0	75.0	1.5	0.0	1.5	4.1
16	12.0	22.0	17.1	71.3	4.3	0.0	4.3	7.1
17	13.6	19.8	16.5	76.3	0.0	0.0	0.0	2.3
18	12.9	21.7	17.0	75.3	1.9	0.0	1.9	7.1
19	12.8	21.2	17.0	74.0	0.0	0.0	0.0	7.4
20	12.7	21.0	16.7	77.0	.9	0.0	.9	6.1
21	12.5	22.8	17.4	66.3	0.0	0.0	0.0	8.0
22	12.8	23.2	17.1	61.3	0.0	0.0	0.0	6.3
23	13.0	23.0	17.5	60.0	0.0	0.0	0.0	9.5
24	13.2	22.1	17.6	61.3	0.0	0.0	0.0	6.8
25	13.9	24.3	18.5	59.3	0.0	0.0	0.0	4.6
26	13.4	23.0	18.0	55.3	0.0	0.0	0.0	9.6
27	13.8	21.2	17.6	71.0	0.0	0.0	0.0	5.8
28	13.6	24.8	18.5	53.3	0.0	0.0	0.0	7.5
29	13.8	24.5	18.5	54.7	0.0	0.0	0.0	10.1
30	13.5	22.0	18.0	64.0	0.0	0.0	0.0	5.4
31	14.0	23.2	18.0	66.7	0.0	0.0	0.0	6.3
TOTAL PROMEDIO	13.3	22.1	17.3	69.5	20.0	36.7	56.7	183.8

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.6	23.5	19.0	66.0	0.0	0.0	0.0	9.0
2	13.4	22.4	17.0	73.3	.5	1.5	2.0	5.0
3	13.0	23.4	15.4	84.3	0.0	0.0	0.0	1.4
4	11.2	22.1	17.3	65.3	0.0	0.0	0.0	5.8
5	13.5	22.6	17.5	63.0	0.0	0.0	0.0	5.2
6	13.6	24.8	18.6	67.0	0.0	0.0	0.0	8.1
7	13.8	22.9	18.0	66.0	0.0	0.0	0.0	4.4
8	13.7	23.0	18.0	72.0	0.0	0.0	0.0	4.1
9	12.8	23.4	17.9	60.7	0.0	0.0	0.0	5.7
10	12.7	24.1	18.8	66.7	0.0	0.0	0.0	8.4
11	13.0	24.8	18.2	65.3	0.0	0.0	0.0	7.1
12	14.6	23.2	18.0	70.0	0.0	0.0	0.0	4.9
13	14.2	23.8	18.5	72.7	0.0	0.0	0.0	5.4
14	14.8	24.0	19.1	70.0	0.0	0.0	0.0	5.7
15	14.9	22.4	18.6	69.3	0.0	0.0	0.0	4.4
16	14.2	21.6	18.0	80.3	0.0	0.0	0.0	.2
17	14.1	24.8	19.1	62.7	0.0	0.0	0.0	8.6
18	14.9	21.4	17.3	78.0	12.0	0.0	12.0	1.5
19	13.8	22.0	17.9	73.7	3.9	13.2	17.1	5.6
20	14.9	22.7	17.3	75.7	.9	0.0	.9	4.0
21	14.8	19.7	17.3	76.7	0.0	0.0	0.0	.3
22	13.6	24.1	18.8	60.3	0.0	0.0	0.0	4.8
23	16.0	22.6	19.3	70.7	0.0	0.0	0.0	2.8
24	14.9	23.2	18.9	68.7	0.0	0.0	0.0	4.8
25	15.0	23.8	18.9	63.3	0.0	0.0	0.0	8.4
26	16.4	21.5	18.2	80.0	0.0	0.0	0.0	1.2
27	14.8	23.5	18.8	72.3	0.0	0.0	0.0	3.8
28	15.0	20.2	17.8	80.3	2.8	0.0	2.8	2.6
29								
30								
31								
TOTAL PROMEDIO	14.1	22.9	18.1	70.5	20.1	14.7	34.8	133.2

ESTACION: AGRONOMIA

DPTO: CALDAS

LATITUD : 05° 03'N

LONGITUD: 75° 29'W

AÑO: 1991

MPIO: MANIZALES

ALTITUD : 2150 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	23.0	17.1	80.0	0.0	.5	.5	3.3
2	14.1	21.2	17.4	85.0	2.7	41.9	44.6	4.2
3	14.0	22.8	17.2	71.0	0.0	0.0	0.0	6.3
4	13.8	22.0	17.1	68.7	0.0	0.0	0.0	4.9
5	13.0	23.0	17.2	75.0	0.0	0.0	0.0	6.0
6	13.5	23.2	18.7	65.0	0.0	10.7	10.7	8.2
7	14.8	21.8	17.1	77.0	0.0	0.0	0.0	3.2
8	14.0	23.0	18.7	71.0	0.0	17.3	17.3	5.7
9	14.9	21.7	18.0	79.7	1.0	0.0	1.0	4.9
10	15.0	19.8	16.3	82.7	12.9	0.0	12.9	.8
11	14.8	20.4	16.7	79.7	9.3	0.0	9.3	3.6
12	14.7	20.8	16.8	79.7	4.9	0.0	4.9	.9
13	14.5	21.2	17.5	80.0	.9	.1	1.0	3.1
14	14.7	21.5	16.2	78.0	14.2	0.0	14.2	1.4
15	13.0	19.6	16.7	80.7	0.0	0.0	0.0	3.0
16	13.8	21.2	17.6	81.7	0.0	0.0	0.0	3.1
17	13.9	21.9	17.9	78.3	0.0	0.0	0.0	4.4
18	14.8	24.0	19.0	63.7	0.0	0.0	0.0	9.4
19	13.8	23.4	18.3	63.3	0.0	0.0	0.0	8.3
20	14.0	23.7	18.0	64.7	0.0	0.0	0.0	6.0
21	13.2	24.2	18.0	57.3	0.0	0.0	0.0	8.7
22	14.0	22.8	17.6	66.7	0.0	0.0	0.0	3.5
23	14.8	22.2	17.3	78.3	5.6	3.5	9.1	2.0
24	14.2	21.2	16.6	81.3	0.0	13.0	13.0	3.9
25	14.1	20.5	17.1	80.7	0.0	40.9	40.9	.5
26	12.0	19.5	15.6	90.7	3.3	.6	3.9	.1
27	11.5	21.0	16.7	75.0	0.0	12.9	12.9	4.1
28	12.9	19.0	15.3	83.0	7.0	0.0	7.0	.4
29	13.0	22.5	17.3	71.3	0.0	0.0	0.0	8.9
30	12.0	23.5	17.6	68.0	0.0	0.0	0.0	7.1
31	13.4	22.5	16.5	76.7	0.0	0.0	0.0	4.9
TOTAL PROMEDIO	13.8	21.9	17.2	75.3	61.8	141.4	203.2	134.8

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.5	20.5	16.2	74.0	0.0	14.8	14.8	4.9
2	12.0	21.0	16.8	71.3	.8	0.0	.8	4.9
3	12.2	21.8	16.4	74.7	3.3	.1	3.4	8.5
4	13.5	20.5	17.2	80.3	.3	0.0	.3	2.2
5	13.0	21.8	17.9	71.7	0.0	0.0	0.0	6.8
6	12.0	20.0	17.1	74.0	0.0	0.0	0.0	3.8
7	12.5	21.0	17.0	72.3	3.9	0.0	3.9	3.6
8	13.0	20.0	16.7	81.0	1.1	37.8	38.9	2.0
9	12.0	20.5	16.1	81.3	0.0	1.0	1.0	3.1
10	13.0	20.0	16.4	84.3	.8	0.0	.8	.8
11	13.2	21.0	16.3	80.3	4.9	0.0	4.9	1.7
12	13.0	17.5	15.1	86.3	3.1	.5	3.6	1.3
13	13.5	21.0	16.1	72.7	3.9	0.0	3.9	5.7
14	13.0	22.5	16.6	72.0	27.2	32.1	59.3	
15	12.0	20.5	16.4	77.0	0.0	0.0	0.0	4.9
16	13.0	22.5	17.9	72.0	0.0	0.0	0.0	8.7
17	12.5	23.5	18.1	80.0	0.0	0.0	0.0	5.2
18	13.0	23.0	17.9	78.7	2.4	10.2	12.6	5.5
19	12.4	21.5	17.6	80.3	0.0	0.0	0.0	5.3
20	13.0	21.8	17.2	76.7	6.7	0.0	6.7	5.0
21	13.2	21.0	17.8	83.0	0.0	0.0	0.0	4.3
22	13.5	20.0	17.7	86.7	.1	0.0	.1	.9
23	14.0	22.0	18.2	83.3	.6	0.0	.6	4.6
24	13.0	23.5	19.0	75.3	0.0	0.0	0.0	6.5
25	12.5	21.8	17.9	80.7	0.0	0.0	0.0	5.9
26	13.0	21.5	17.5	80.7	0.0	0.0	0.0	3.3
27	12.5	22.0	18.1	73.3	0.0	6.1	6.1	3.5
28	13.1	20.0	15.9	86.7	5.3	0.0	5.3	.8
29	13.0	21.0	17.1	79.3	0.0	0.0	0.0	2.8
30	13.5	22.5	16.1	83.3	19.6	0.0	19.6	3.5
31								
TOTAL PROMEDIO	12.9	21.2	17.1	78.4	84.0	102.6	186.6	

ESTACION: AGRONOMIA

DPTO: CALDAS

LATITUD : 05° 03'N

AÑO: 1991

MPIO: MANIZALES

LONGITUD: 75° 29'W

ALTITUD : 2150 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.0	20.2	16.8	78.7	0.0	0.0	0.0	2.8
2	14.0	22.6	18.1	77.0	0.0	0.0	0.0	1.2
3	14.6	21.0	17.0	81.3	0.0	.2	.2	0.0
4	14.5	19.8	16.9	82.0	0.0	0.0	0.0	.2
5	13.8	20.0	16.3	87.0	.8	0.0	.8	.9
6	13.0	23.2	17.8	73.3	0.0	0.0	0.0	6.8
7	12.9	21.0	16.2	89.7	0.0	0.0	0.0	1.9
8	13.2	23.0	18.4	68.7	0.0	0.0	0.0	3.5
9	13.4	19.8	16.3	89.3	2.4	0.0	2.4	.5
10	13.0	22.4	17.2	73.0	1.1	7.8	8.9	3.5
11	13.2	21.2	16.0	80.0	.5	0.0	.5	3.2
12	12.0	20.0	15.2	86.0	9.5	0.0	9.5	1.7
13	13.0	23.2	17.8	76.0	0.0	0.0	0.0	4.0
14	14.8	20.3	17.0	83.0	.7	0.0	.7	0.0
15	14.7	20.5	17.3	80.0	0.0	0.0	0.0	2.2
16	14.5	20.2	16.7	82.3	0.0	7.8	7.8	1.8
17	13.8	18.4	14.8	87.3	12.2	1.1	13.3	.6
18	13.6	18.0	15.0	87.0	4.7	1.4	6.1	0.0
19	13.0	19.2	15.2	86.0	5.9	4.1	10.0	.2
20	12.8	20.8	15.2	84.7	6.5	.8	7.3	.8
21	13.2	17.2	14.7	88.0	5.6	1.8	7.4	0.0
22	13.0	18.2	15.1	89.3	0.0	.9	.9	.1
23	13.1	20.0	15.9	78.7	6.3	1.8	8.1	1.9
24	12.9	18.4	14.7	88.7	6.8	2.9	9.7	.6
25	12.0	23.0	17.3	68.0	0.0	0.0	0.0	6.6
26	13.2	22.4	17.8	71.7	0.0	5.9	5.9	3.1
27	13.8	23.2	18.3	77.7	0.0	0.0	0.0	3.6
28	14.5	22.8	18.7	79.0	0.0	0.0	0.0	3.8
29	14.8	22.7	18.2	84.3	0.0	.1	.1	2.1
30	14.7	20.2	16.1	89.3	2.6	0.0	2.6	1.2
31	13.6	21.0	16.7	82.3	0.0	0.0	0.0	.8
TOTAL PROMEDIO	13.5	20.8	16.6	81.6	65.6	36.6	102.2	59.6

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.8	20.2	16.4	80.3	1.2	0.0	1.2	.2
2	12.0	21.0	16.6	78.7	2.0	0.0	2.0	1.3
3	13.0	21.4	17.5	87.3	0.0	0.0	0.0	1.2
4	13.8	21.0	17.1	74.7	8.9	0.0	8.9	5.0
5	13.5	20.2	16.3	79.0	1.7	0.0	1.7	.8
6	13.0	20.0	16.6	75.3	.2	0.0	.2	2.8
7	14.0	25.2	20.0	61.7	0.0	0.0	0.0	7.5
8	14.7	23.4	18.4	69.3	0.0	0.0	0.0	4.6
9	14.8	24.8	18.6	72.7	0.0	0.0	0.0	4.3
10	14.9	24.5	19.0	75.0	.1	0.0	.1	3.1
11	15.0	25.8	20.5	62.0	0.0	0.0	0.0	7.9
12	14.8	23.7	18.4	73.7	0.0	0.0	0.0	4.6
13	14.5	24.3	19.2	66.0	0.0	0.0	0.0	7.1
14	14.8	20.5	17.4	81.7	5.7	.1	5.8	.8
15	14.7	22.2	17.8	71.3	0.0	1.0	1.0	2.3
16	13.9	20.0	16.5	84.3	0.0	0.0	0.0	.7
17	14.5	23.4	16.9	75.7	.5	0.0	.5	1.5
18	13.8	23.0	18.2	76.3	0.0	0.0	0.0	5.3
19	14.8	20.8	17.5	76.7	0.0	0.0	0.0	.4
20	13.8	22.4	17.7	77.7	0.0	0.0	0.0	5.9
21	14.0	19.0	16.1	87.7	5.2	0.0	5.2	.8
22	13.2	21.0	17.3	78.7	0.0	0.0	0.0	3.5
23	14.0	20.6	16.9	78.0	0.0	.2	.2	1.3
24	13.9	21.0	16.5	90.3	5.0	13.6	18.6	4.2
25	13.0	21.2	15.9	76.7	.9	.1	1.0	0.0
26	13.5	20.0	16.1	84.7	.5	9.2	9.7	2.4
27	13.0	20.5	16.1	79.7	0.0	0.0	0.0	.7
28	13.5	20.2	16.4	78.7	.3	0.0	.3	.9
29	13.0	20.0	16.3	78.0	4.1	0.0	4.1	2.0
30	12.0	19.5	16.1	76.0	1.2	0.0	1.2	2.7
31								
TOTAL PROMEDIO	13.8	21.7	17.3	76.9	37.5	24.2	61.7	85.8

ESTACION: AGRONOMIA

DPTO: CALDAS

LATITUD : 05° 03'N

AÑO: 1991

MPIO: MANIZALES

LONGITUD: 75° 29'W
ALTITUD : 2150 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.4	21.0	16.5	72.7	0.0	0.0	0.0	1.9
2	13.2	22.8	17.9	79.3	0.0	0.0	0.0	3.8
3	13.9	21.6	17.5	78.0	0.0	0.0	0.0	2.3
4	14.0	19.2	15.9	84.3	7.4	0.0	7.4	.7
5	13.0	20.0	16.4	85.0	2.3	4.5	6.8	1.8
6	12.8	19.9	16.5	77.0	0.0	.9	.9	3.0
7	13.8	19.0	16.2	79.0	0.0	0.0	0.0	1.4
8	14.0	22.0	16.9	78.0	.1	.1	.2	3.4
9	13.6	22.1	17.6	70.3	0.0	0.0	0.0	2.9
10	13.0	22.2	17.7	72.0	0.0	0.0	0.0	5.7
11	13.9	22.4	18.1	74.3	0.0	0.0	0.0	5.5
12	14.0	21.3	17.5	72.7	0.0	0.0	0.0	4.3
13	12.5	20.5	16.6	68.0	0.0	0.0	0.0	4.7
14	13.0	24.0	19.2	59.0	0.0	0.0	0.0	7.7
15	14.0	22.4	17.8	70.7	0.0	0.0	0.0	3.6
16	14.5	24.2	18.4	63.3	0.0	0.0	0.0	2.4
17	13.0	21.7	17.3	73.3	0.0	0.0	0.0	2.9
18	13.8	22.0	17.1	83.7	0.0	0.0	0.0	1.5
19	14.0	24.0	18.2	65.0	0.0	0.0	0.0	7.0
20	13.2	22.3	18.0	72.3	0.0	0.0	0.0	3.9
21	14.0	22.6	18.0	75.0	0.0	0.0	0.0	2.7
22	13.2	24.2	18.8	68.3	0.0	0.0	0.0	7.4
23	13.6	24.0	18.5	73.7	0.0	0.0	0.0	6.5
24	14.0	20.8	16.3	86.0	9.8	0.0	9.8	0.0
25	12.8	22.2	17.5	64.0	0.0	0.0	0.0	4.9
26	13.0	22.0	17.6	68.3	0.0	0.0	0.0	4.1
27	13.8	23.0	17.9	72.3	0.0	0.0	0.0	3.0
28	13.0	21.2	17.1	84.7	.3	0.0	.3	2.1
29	13.8	21.6	17.4	81.7	.2	0.0	.2	2.3
30	14.0	18.2	15.2	88.3	7.1	2.6	9.7	0.0
31	13.0	16.6	14.0	92.0	7.9	.9	8.8	0.0
TOTAL PROMEDIO	13.5	21.6	17.3	75.2	35.1	9.0	44.1	103.4

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.8	19.5	15.6	81.3	2.2	0.0	2.2	1.1
2	11.5	21.5	16.9	74.0	1.4	.4	1.8	5.9
3	13.0	19.7	16.4	74.7	0.0	0.0	0.0	2.3
4	12.0	21.4	16.7	71.0	0.0	0.0	0.0	5.7
5	12.5	20.2	16.4	78.3	0.0	0.0	0.0	1.1
6	13.0	22.5	17.4	75.0	0.0	0.0	0.0	4.4
7	13.4	21.2	17.4	77.3	0.0	3.9	3.9	3.1
8	12.8	21.7	16.3	83.0	0.0	9.7	9.7	5.4
9	13.0	19.0	15.6	88.0	.5	7.4	7.9	1.2
10	13.1	22.8	17.6	71.7	0.0	0.0	0.0	7.3
11	12.6	23.9	18.4	63.3	0.0	0.0	0.0	9.1
12	13.5	21.2	16.9	70.7	0.0	0.0	0.0	.9
13	12.8	22.0	17.5	61.0	0.0	0.0	0.0	6.8
14	14.5	22.2	17.2	64.3	0.0	0.0	0.0	4.0
15	12.8	23.0	17.7	67.0	0.0	0.0	0.0	7.1
16	12.0	21.5	16.3	69.7	0.0	0.0	0.0	1.7
17	13.0	21.0	16.8	72.0	.3	0.0	.3	2.3
18	12.9	20.0	16.7	77.3	.1	0.0	.1	2.5
19	12.4	22.0	15.8	86.7	0.0	0.0	0.0	3.6
20	12.5	23.5	17.6	68.7	0.0	0.0	0.0	1.0
21	13.0	21.0	16.9	75.0	0.0	0.0	0.0	1.0
22	12.8	21.4	16.5	80.0	.2	0.0	.2	3.5
23	11.5	21.2	17.1	66.7	0.0	0.0	0.0	2.3
24	12.8	23.8	17.5	60.7	0.0	0.0	0.0	
25	13.2	23.4	17.8	68.7	0.0	0.0	0.0	
26	12.8	24.2	18.7	66.0	0.0	0.0	0.0	7.7
27	13.0	23.0	18.2	71.7	0.0	0.0	0.0	4.6
28	14.2	23.8	17.5	71.7	0.0	0.0	0.0	3.5
29	12.2	25.0	18.0	57.3	0.0	0.0	0.0	7.4
30	13.8	21.2	17.4	67.7	0.0	0.0	0.0	1.8
31	14.0	22.1	17.6	71.3	0.0	0.0	0.0	2.3
TOTAL PROMEDIO	12.9	21.9	17.1	72.0	4.7	21.4	26.1	

ESTACION: AGRONOMIA

DPTO: CALDAS

LATITUD : 05° 03'N

AÑO: 1991

MPIO: MANIZALES

LONGITUD: 75° 29'W
ALTITUD : 2150 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.1	23.7	18.4	72.3	0.0	0.0	0.0	5.8
2	13.0	23.8	18.1	71.0	0.0	0.0	0.0	1.4
3	12.5	20.4	16.0	83.7	3.2	0.0	3.2	6.1
4	11.5	24.5	18.3	65.7	.3	0.0	.3	6.6
5	12.0	24.0	18.7	72.3	0.0	0.0	0.0	1.2
6	13.2	21.8	17.5	86.7	8.7	0.0	8.7	5.4
7	12.9	22.2	18.0	71.3	.5	0.0	.5	8.3
8	12.5	25.0	19.1	67.0	0.0	0.0	0.0	7.9
9	13.6	25.2	19.6	65.0	0.0	0.0	0.0	
10	14.1	24.1	18.6	66.7	.8	0.0	.8	
11	12.8	23.0	18.4	68.0	0.0	0.0	0.0	.5
12	13.0	24.0	19.6	52.3	0.0	.2	.2	7.4
13	13.1	24.1	17.6	59.0	0.0	0.0	0.0	9.0
14	13.0	22.8	17.8	75.0	0.0	12.0	12.0	4.6
15	13.8	18.2	15.4	89.3	10.0	0.0	10.0	.1
16	13.0	17.4	14.5	90.0	6.5	2.7	9.2	.1
17	12.4	19.3	15.9	78.7	.1	0.0	.1	.6
18	13.0	20.5	16.1	80.7	0.0	0.0	0.0	2.4
19	13.4	21.2	16.4	78.3	3.5	.5	4.0	2.8
20	13.8	17.5	14.6	89.7	9.8	0.0	9.8	.5
21	12.1	21.2	16.5	75.7	0.0	1.2	1.2	3.0
22	12.5	19.9	15.2	80.3	8.9	1.5	10.4	3.4
23	13.1	18.4	15.2	86.7	1.3	.2	1.5	2.1
24	13.0	20.2	15.5	78.7	10.1	0.0	10.1	.9
25	12.0	21.0	16.0	78.7	4.9	4.8	9.7	1.4
26	12.5	21.2	16.1	84.0	0.0	7.6	7.6	1.9
27	12.0	17.9	15.1	86.7	4.7	0.0	4.7	2.3
28	11.8	22.0	15.5	82.3	3.1	.9	4.0	3.9
29	12.4	18.9	14.9	88.0	.1	0.0	.1	2.2
30	12.0	23.2	16.5	75.0	1.0	0.0	1.0	5.6
31								
TOTAL					77.5	31.6	109.1	
PROMEDIO	12.8	21.6	16.8	76.6				

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.9	19.4	15.8	77.7	1.3	0.0	1.3	2.0
2	12.8	19.8	15.6	88.7	1.3	7.7	9.0	3.0
3	11.8	21.8	16.5	70.7	0.0	0.0	0.0	7.8
4	12.4	21.9	16.2	76.3	0.0	0.0	0.0	5.6
5	12.6	21.7	16.1	71.0	2.1	1.2	3.3	5.1
6	11.9	22.2	17.3	72.0	0.0	.9	.9	7.3
7	12.4	22.0	16.5	74.7	9.3	0.0	9.3	5.8
8	12.9	21.6	16.1	73.7	.3	1.0	1.3	3.8
9	12.8	17.9	14.8	86.0	3.5	0.0	3.5	.1
10	13.0	17.3	15.1	88.0	8.6	.4	9.0	.6
11	12.5	18.4	14.8	84.0	6.4	0.0	6.4	3.1
12	11.0	19.9	15.5	71.0	0.0	.2	.2	4.8
13	12.8	20.4	15.3	80.0	1.4	0.0	1.4	4.1
14	11.8	22.0	16.1	68.0	1.4	0.0	1.4	6.1
15	11.5	23.0	16.8	66.7	0.0	0.0	0.0	10.1
16	12.6	24.0	18.0	64.0	0.0	19.6	19.6	10.2
17	12.2	22.4	17.2	74.7	0.0	0.0	0.0	5.6
18	13.5	16.2	14.3	86.3	8.6	0.0	8.6	.2
19	11.6	18.6	14.7	68.7	0.0	0.0	0.0	2.6
20	11.4	23.0	16.6	70.3	0.0	0.0	0.0	9.0
21	12.6	24.1	17.3	57.0	0.0	0.0	0.0	9.0
22	12.8	23.4	17.6	68.3	0.0	0.0	0.0	8.7
23	12.9	23.8	17.9	63.0	0.0	0.0	0.0	7.6
24	13.0	20.6	16.1	82.0	.3	0.0	.3	1.1
25	12.7	20.5	16.3	81.3	6.8	2.9	9.7	3.8
26	13.0	20.4	16.7	78.0	0.0	0.0	0.0	2.2
27	13.1	17.8	15.2	87.7	2.3	0.0	2.3	1.0
28	12.4	19.4	15.0	85.3	1.9	0.0	1.9	3.6
29	11.8	21.0	15.2	78.3	4.4	5.2	9.6	5.6
30	12.8	21.8	16.3	83.3	.4	0.0	.4	5.3
31	12.4	20.8	15.3	85.3	5.6	0.0	5.6	3.7
TOTAL					65.9	39.1	105.0	148.5
PROMEDIO	12.4	20.9	16.0	76.2				

ESTACION: AGRONOMIA

DPTO: CALDAS

LATITUD : 05° 03'N

AÑO: 1991

MPIO: MANIZALES

LONGITUD: 75° 29'W

ALTITUD : 2150 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	11.8	20.9	15.9	83.0	0.0	.2	.2	2.4
2	13.0	20.0	15.4	83.0	.2	0.0	.2	2.2
3	12.8	19.9	16.2	80.0	.5	0.0	.5	2.1
4	13.0	21.0	15.6	88.3	.4	0.0	.4	2.9
5	11.0	22.5	17.5	79.3	2.9	0.0	2.9	2.1
6	12.0	21.0	16.9	81.0	2.0	0.0	2.0	2.4
7	12.4	20.5	15.6	79.0	9.6	0.0	9.6	3.0
8	11.5	18.0	15.0	91.7	2.1	3.9	6.0	.7
9	12.0	18.4	15.2	83.0	9.8	0.0	9.8	.8
10	11.8	18.0	15.3	87.0	0.0	0.0	0.0	1.5
11	13.5	21.0	16.9	78.0	0.0	0.0	0.0	3.0
12	12.5	22.5	17.7	73.0	.2	.3	.5	6.0
13	13.0	20.6	16.3	82.0	5.7	4.0	9.7	3.0
14	12.0	22.0	16.4	77.7	0.0	50.0	50.0	3.8
15	12.4	18.4	14.7	85.7	5.9	2.8	8.7	1.7
16	12.1	20.1	16.2	75.0	0.0	.8	.8	4.3
17	12.0	21.2	15.3	75.0	10.0	0.0	10.0	2.4
18	11.8	20.2	16.4	76.7	.3	0.0	.3	.9
19	12.0	19.0	15.0	80.3	1.9	0.0	1.9	2.1
20	11.4	21.0	16.2	79.0	0.0	0.0	0.0	5.8
21	12.8	19.8	14.7	90.3	6.1	0.0	6.1	2.6
22	12.0	22.0	16.6	81.0	0.0	0.0	0.0	5.5
23	13.4	20.8	15.8	80.7	19.7	0.0	19.7	3.5
24	12.8	21.2	17.2	72.7	0.0	12.2	12.2	4.1
25	13.4	17.4	15.3	91.0	.3	0.0	.3	0.0
26	13.0	20.2	16.5	78.3	0.0	0.0	0.0	3.1
27	13.8	19.2	16.8	83.3	0.0	0.0	0.0	2.0
28	14.0	21.0	16.9	78.0	0.0	10.9	10.9	2.0
29	13.5	20.2	16.0	78.3	0.0	0.0	0.0	.2
30	13.6	20.8	16.1	76.0	1.4	0.0	1.4	3.9
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	12.5	20.3	16.0	80.9	79.0	85.1	164.1	80.0

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.5	22.2	17.3	71.3	0.0	0.0	0.0	7.0
2	13.5	20.0	16.1	89.3	.2	9.0	9.2	1.1
3	13.2	20.3	16.0	82.0	.3	.2	.5	2.0
4	12.8	22.4	17.5	78.0	.7	9.0	9.7	6.1
5	13.0	17.6	14.8	89.0	.2	0.0	.2	.1
6	11.0	23.2	16.3	74.7	0.0	0.0	0.0	6.9
7	13.0	21.9	16.9	75.3	0.0	0.0	0.0	6.5
8	12.9	22.4	17.3	77.3	3.5	.3	3.8	4.5
9	13.4	17.8	14.6	89.3	9.9	0.0	9.9	.1
10	12.0	20.3	16.3	73.0	0.0	0.0	0.0	4.6
11	12.6	20.0	16.2	79.0	0.0	0.0	0.0	2.9
12	13.0	23.0	17.8	77.7	.1	13.4	13.5	6.7
13	14.0	22.0	17.6	83.7	0.0	0.0	0.0	5.8
14	14.1	20.0	16.1	81.3	.9	9.2	10.1	2.3
15	13.8	18.2	15.7	86.7	3.5	55.6	59.1	0.0
16	13.0	19.4	15.8	81.7	0.0	29.1	29.1	.5
17	13.2	16.4	14.2	85.3	3.3	0.0	3.3	0.0
18	12.2	21.0	15.7	74.0	.1	0.0	.1	3.6
19	12.4	21.3	17.1	79.3	.4	0.0	.4	4.9
20	13.9	22.0	17.0	79.0	0.0	0.0	0.0	7.8
21	14.0	21.5	17.2	70.7	0.0	4.7	4.7	6.3
22	13.5	17.2	14.6	87.3	1.7	0.0	1.7	.3
23	13.0	21.5	16.8	81.7	0.0	.7	.7	5.7
24	12.8	22.4	17.8	71.3	0.0	0.0	0.0	7.5
25	13.0	22.8	17.4	71.7	0.0	0.0	0.0	8.4
26	12.6	21.5	16.5	74.0	0.0	0.0	0.0	5.6
27	12.8	23.2	17.5	71.7	0.0	.7	.7	7.4
28	14.4	21.9	16.6	77.0	.6	1.6	2.2	2.6
29	13.7	19.9	16.0	85.3	.7	0.0	.7	2.5
30	12.0	22.9	17.0	69.3	0.0	0.0	0.0	9.3
31	12.9	21.8	17.6	70.7	0.0	0.0	0.0	
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	13.0	20.9	16.5	78.6	26.1	133.5	159.6	129.0

Estación: AGRONOMIA
 Año: 1991

Dpto.: CALDAS
 Mpio.: MANIZALES

Latitud : 05° 03'N
 Longitud: 75° 29'W
 Altitud : 2150 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	13.3	22.1	17.3	12.0	24.8	69.5	56.7	9	183.8
FEBRERO	14.1	22.9	18.1	11.2	24.8	70.5	34.8	5	133.2
MARZO	13.8	21.9	17.2	11.5	24.2	75.3	203.2	16	134.8
ABRIL	12.9	21.2	17.1	12.0	23.5	78.4	186.6	19	
MAYO	13.5	20.8	16.6	12.0	23.2	81.6	102.2	19	59.6
JUNIO	13.8	21.7	17.3	12.0	25.8	76.9	61.7	17	85.8
JULIO	13.5	21.6	17.3	12.5	24.2	75.2	44.1	9	103.4
AGOSTO	12.9	21.9	17.1	11.5	25.0	72.0	26.1	8	
SEPTIEMBRE	12.8	21.6	16.8	11.5	25.2	76.6	109.1	22	
OCTUBRE	12.4	20.9	16.0	11.0	24.1	76.2	105.0	21	148.5
NOVIEMBRE	12.5	20.3	16.0	11.0	22.5	80.9	164.1	23	80.0
DICIEMBRE	13.0	20.9	16.5	11.0	23.2	78.6	159.6	19	129.0
PROMEDIO	13.2	21.5	16.9			76.0			
ABSOLUTA				11.0	25.8				
TOTAL							1253.2	187	

ESTACION: CENICAFE

DPTO: CALDAS

LATITUD : 05° 00'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 36'W

ALTITUD : 1310 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	27.6	21.2	76.3	0.0	.2	.2	4.4
2	17.0	28.8	21.4	73.0	0.0	21.0	21.0	7.6
3	17.5	27.5	21.7	79.7	9.3	0.0	9.3	4.0
4	18.5	28.5	21.8	78.0	0.0	0.0	0.0	4.7
5	18.2	29.0	22.6	67.7	0.0	0.0	0.0	5.6
6	17.6	28.3	22.5	69.0	0.0	17.4	17.4	4.6
7	17.7	28.5	21.4	76.3	0.0	0.0	0.0	6.1
8	17.6	29.0	22.7	68.0	0.0	0.0	0.0	6.4
9	18.0	29.1	23.1	68.0	0.0	0.0	0.0	6.0
10	18.1	29.5	22.8	74.0	0.0	8.0	8.0	6.8
11	17.4	28.0	21.3	78.3	.2	7.0	7.2	5.2
12	17.5	27.5	22.0	78.7	0.0	0.0	0.0	5.2
13	17.8	28.5	21.3	71.3	0.0	29.5	29.5	6.0
14	16.0	26.7	20.1	81.0	2.1	4.9	7.0	3.7
15	16.5	25.4	21.4	80.3	1.1	0.0	1.1	4.1
16	15.5	29.0	21.5	68.7	0.0	.1	.1	9.8
17	17.3	27.0	21.7	73.0	0.0	0.0	0.0	2.6
18	18.0	27.7	22.3	67.7	0.0	.3	.3	6.0
19	17.5	27.5	21.2	74.3	0.0	1.1	1.1	7.7
20	16.8	26.8	21.1	74.3	0.0	.3	.3	5.7
21	17.3	29.7	22.2	68.3	0.0	0.0	0.0	9.9
22	17.0	29.3	22.1	62.3	0.0	0.0	0.0	8.1
23	16.6	30.0	21.8	65.3	0.0	0.0	0.0	9.8
24	15.9	29.6	22.6	67.0	0.0	0.0	0.0	8.5
25	17.5	30.2	22.7	65.0	0.0	1.1	1.1	8.9
26	17.4	28.2	21.7	66.0	0.0	0.0	0.0	6.5
27	16.2	26.0	20.9	72.0	0.0	0.0	0.0	3.9
28	15.5	32.0	22.6	62.0	0.0	0.0	0.0	8.2
29	16.8	31.1	22.9	65.7	0.0	0.0	0.0	8.9
30	18.1	28.0	22.7	73.3	0.0	0.0	0.0	3.5
31	18.2	30.2	23.1	68.3	0.0	0.0	0.0	7.3
TOTAL PROMEDIO	17.2	28.5	21.9	71.4	12.7	90.9	103.6	195.7

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	29.5	23.1	67.3	0.0	0.0	0.0	7.4
2	17.8	29.7	21.2	74.7	4.6	49.4	54.0	6.7
3	16.0	23.5	19.2	85.3	.9	0.0	.9	1.0
4	15.0	26.4	21.0	69.0	0.0	0.0	0.0	5.8
5	18.0	28.6	22.4	69.7	0.0	0.0	0.0	7.1
6	17.0	30.2	22.1	71.7	0.0	0.0	0.0	8.5
7	17.1	29.2	22.5	67.0	0.0	0.0	0.0	8.6
8	17.5	29.1	22.4	70.3	0.0	0.0	0.0	7.3
9	16.4	30.4	22.5	70.0	0.0	0.0	0.0	8.9
10	16.8	30.5	23.6	65.3	0.0	0.0	0.0	8.6
11	18.0	30.6	20.7	77.0	30.0	0.0	30.0	7.2
12	17.5	28.6	22.6	71.3	0.0	0.0	0.0	6.5
13	18.5	29.3	22.5	73.3	0.0	0.0	0.0	5.3
14	18.3	29.9	23.1	73.3	0.0	0.0	0.0	5.8
15	19.2	28.0	23.4	72.0	0.0	77.3	77.3	4.3
16	17.3	25.7	21.2	82.0	.1	0.0	.1	.8
17	16.5	30.5	22.8	71.0	0.0	0.0	0.0	9.3
18	17.9	28.5	21.6	77.3	4.7	0.0	4.7	5.2
19	18.0	27.8	22.5	72.0	0.0	0.0	0.0	4.8
20	18.7	28.4	22.3	77.3	6.0	7.4	13.4	6.4
21	17.6	27.3	21.9	73.7	0.0	0.0	0.0	5.0
22	16.9	30.2	23.0	65.7	0.0	0.0	0.0	7.7
23	18.7	30.5	23.9	69.0	0.0	0.0	0.0	7.2
24	18.6	29.2	24.1	69.0	0.0	0.0	0.0	5.5
25	18.0	31.0	23.8	64.3	0.0	0.0	0.0	7.9
26	19.2	27.6	22.5	76.7	0.0	0.0	0.0	1.6
27	18.5	30.0	23.6	67.3	0.0	25.9	25.9	4.5
28	17.5	28.5	22.3	76.0	.1	0.0	.1	3.7
29								
30								
31								
TOTAL PROMEDIO	17.7	28.9	22.4	72.1	46.4	160.0	206.4	168.6

ESTACION: CENICAFE

DPTO: CALDAS

LATITUD : 05° 00'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 36'W
ALTITUD : 1310 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	29.2	21.1	75.0	22.6	6.5	29.1	5.2
2	17.5	26.2	21.2	82.0	1.7	16.0	17.7	2.7
3	16.5	28.8	21.7	73.0	0.0	0.0	0.0	6.8
4	17.3	28.5	22.7	70.0	0.0	5.6	5.6	6.0
5	17.4	28.6	22.0	73.7	0.0	0.0	0.0	5.8
6	17.3	30.4	23.5	69.3	0.0	17.8	17.8	7.7
7	18.0	28.5	21.0	79.7	1.9	0.0	1.9	3.7
8	17.6	28.9	21.9	72.0	.2	13.2	13.4	6.8
9	17.4	28.0	21.5	77.3	0.0	0.0	0.0	5.1
10	18.5	26.5	20.6	81.0	8.5	0.0	8.5	1.8
11	17.5	28.2	22.3	73.0	0.0	0.0	0.0	5.0
12	18.4	27.5	20.8	78.3	26.6	.1	26.7	2.4
13	17.6	28.1	22.4	73.7	0.0	9.2	9.2	4.6
14	17.1	27.1	20.1	79.3	5.5	.7	6.2	3.3
15	16.2	26.3	21.0	77.7	0.0	0.0	0.0	3.6
16	17.4	28.2	22.0	74.0	0.0	5.3	5.3	5.1
17	18.0	29.2	23.1	77.0	0.0	.1	.1	6.9
18	18.1	30.6	22.9	66.7	0.0	0.0	0.0	8.4
19	18.6	30.5	22.8	70.3	0.0	0.0	0.0	9.1
20	18.3	30.4	23.0	64.0	0.0	0.0	0.0	8.9
21	18.2	30.3	22.9	63.7	0.0	0.0	0.0	8.6
22	18.0	30.0	22.1	71.7	1.4	9.4	10.8	5.6
23	17.7	28.8	21.0	81.3	4.9	2.8	7.7	4.5
24	18.5	26.6	21.0	79.7	2.8	1.9	4.7	2.1
25	17.5	27.0	21.9	80.0	0.0	52.8	52.8	3.5
26	17.3	22.6	19.6	87.0	.4	.3	.7	0.0
27	16.2	26.4	20.8	79.7	0.0	28.1	28.1	2.0
28	16.8	24.5	19.6	80.3	0.0	0.0	0.0	0.0
29	15.4	29.2	21.9	71.7	0.0	0.0	0.0	8.8
30	17.2	30.2	21.7	66.0	0.0	.3	.3	6.6
31	17.4	28.2	20.5	75.0	.6	0.0	.6	5.2
TOTAL PROMEDIO	17.5	28.2	21.6	74.9	77.1	170.1	247.2	155.8

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	26.2	20.5	75.7	.8	29.1	29.9	5.7
2	16.4	28.0	21.0	72.7	0.0	0.0	0.0	6.3
3	16.1	30.4	21.9	65.3	0.0	0.0	0.0	9.0
4	18.7	28.5	22.6	71.7	0.0	0.0	0.0	3.2
5	17.5	28.8	22.7	70.3	0.0	5.7	5.7	6.6
6	18.2	28.3	22.1	72.0	0.0	3.0	3.0	4.9
7	17.9	28.0	21.5	75.3	0.0	.2	.2	4.6
8	17.9	25.4	19.4	90.0	33.8	44.0	77.8	1.9
9	16.5	25.6	20.9	77.7	0.0	1.5	1.5	3.3
10	17.5	24.3	20.4	81.7	0.0	.2	.2	.7
11	17.8	28.7	21.9	73.0	0.0	0.0	0.0	4.8
12	18.4	23.5	19.5	88.3	.7	3.5	4.2	.3
13	17.4	26.1	19.7	83.3	11.5	2.3	13.8	3.3
14	16.9	27.5	21.3	76.3	0.0	8.5	8.5	6.0
15	15.8	29.2	21.4	71.7	0.0	0.0	0.0	9.5
16	16.6	30.0	22.3	70.7	0.0	0.0	0.0	9.6
17	18.4	27.4	22.3	74.3	1.5	0.0	1.5	4.1
18	18.0	29.6	21.4	71.7	15.4	4.0	19.4	7.0
19	15.9	29.3	22.8	72.0	0.0	46.1	46.1	9.0
20	17.2	27.6	22.0	75.7	0.0	8.6	8.6	4.8
21	17.4	28.7	22.6	76.3	0.0	0.0	0.0	6.4
22	17.8	26.2	22.1	79.0	0.0	0.0	0.0	1.8
23	19.2	28.0	22.3	74.3	.5	.2	.7	4.1
24	17.9	30.0	23.2	73.7	0.0	.2	.2	8.1
25	18.3	28.5	22.5	70.0	0.0	0.0	0.0	5.0
26	17.6	28.4	22.3	70.0	0.0	.5	.5	4.5
27	16.6	27.4	21.6	76.0	0.0	.9	.9	4.8
28	17.0	24.5	20.5	83.3	.5	.2	.7	.7
29	16.8	25.7	21.0	77.0	.6	0.0	.6	1.5
30	18.2	29.0	21.0	77.0	5.3	26.8	32.1	5.9
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.4	27.6	21.5	75.5	70.6	185.5	256.1	147.4

ESTACION: CENICAFE

DPTO: CALDAS

LATITUD : 05° 00'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 36'W
ALTITUD : 1310 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	27.5	20.9	78.7	1.8	.2	2.0	4.4
2	18.0	28.5	22.4	76.3	0.0	1.3	1.3	3.0
3	19.0	24.8	21.7	82.7	.6	1.3	1.9	.1
4	18.2	25.4	21.4	81.0	0.0	18.3	18.3	.7
5	17.5	25.2	20.7	87.7	1.0	0.0	1.0	1.8
6	17.6	29.0	22.3	73.7	0.0	10.0	10.0	5.8
7	17.5	27.0	21.7	78.3	0.0	0.0	0.0	3.7
8	18.2	29.4	23.1	71.7	0.0	.6	.6	4.0
9	18.9	26.8	21.5	76.0	0.0	0.0	0.0	.2
10	17.2	29.5	22.3	72.3	0.0	.6	.6	6.3
11	17.9	26.2	21.5	81.0	0.0	0.0	0.0	2.6
12	18.0	26.6	20.9	81.3	3.0	2.8	5.8	2.5
13	17.5	28.7	22.3	77.0	0.0	0.0	0.0	6.7
14	18.6	26.0	21.7	80.0	.3	1.0	1.3	.2
15	18.5	25.6	21.7	80.7	0.0	0.0	0.0	1.3
16	18.4	26.5	21.9	74.3	.1	1.1	1.2	2.4
17	17.8	23.5	19.6	86.0	3.1	1.4	4.5	.2
18	17.4	23.4	19.5	88.0	.2	0.0	.2	.9
19	17.3	25.5	20.1	82.7	10.0	21.5	31.5	1.3
20	17.2	25.9	19.6	84.3	.2	.3	.5	1.1
21	16.8	22.7	19.5	90.7	.8	1.3	2.1	.1
22	17.0	23.4	20.1	88.3	5.2	0.0	5.2	.9
23	17.7	26.2	20.6	79.7	1.1	.7	1.8	2.8
24	16.9	22.9	19.3	85.3	1.4	.1	1.5	.6
25	15.0	28.4	21.4	72.3	0.0	0.0	0.0	7.0
26	17.4	27.7	22.6	73.7	0.0	21.4	21.4	4.4
27	17.5	28.2	22.4	76.3	0.0	0.0	0.0	5.2
28	18.2	29.4	23.9	76.7	.2	37.1	37.3	6.6
29	17.5	27.9	22.0	78.0	0.0	2.3	2.3	3.8
30	18.5	25.2	20.1	89.3	.4	0.0	.4	1.8
31	17.5	26.4	21.7	79.0	0.0	5.5	5.5	.7
TOTAL PROMEDIO	17.6	26.4	21.3	80.1	29.4	128.8	158.2	83.1

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	25.6	21.3	83.3	.2	0.0	.2	.3
2	17.0	27.7	21.6	77.3	0.0	0.0	0.0	3.3
3	17.4	27.8	22.5	79.7	0.0	0.0	0.0	3.7
4	17.7	27.9	22.6	72.7	0.0	3.7	3.7	4.2
5	18.0	24.0	20.6	87.0	.1	0.0	.1	1.0
6	17.2	27.4	21.5	77.0	.5	0.0	.5	2.2
7	17.4	30.2	23.9	69.3	0.0	.2	.2	7.9
8	18.3	28.4	23.4	74.7	0.0	0.0	0.0	4.1
9	18.7	29.5	23.6	73.3	0.0	0.0	0.0	6.2
10	17.9	30.0	23.9	74.0	0.0	.7	.7	5.2
11	18.0	31.5	24.2	69.7	0.0	0.0	0.0	8.8
12	18.2	28.5	22.9	73.3	0.0	0.0	0.0	5.1
13	18.0	29.6	23.1	69.3	0.0	10.6	10.6	6.3
14	18.4	27.0	22.4	79.3	0.0	40.6	40.6	3.0
15	18.0	28.7	21.9	78.7	0.0	6.0	6.0	3.9
16	17.5	25.0	21.2	82.3	0.0	0.0	0.0	.5
17	18.4	26.9	21.2	80.7	2.5	0.0	2.5	2.9
18	16.8	28.4	21.9	77.3	0.0	0.0	0.0	7.6
19	18.6	25.9	21.7	81.3	.2	0.0	.2	.9
20	17.5	28.5	21.8	77.7	0.0	4.7	4.7	5.3
21	18.7	25.5	20.6	86.0	1.5	7.7	9.2	.8
22	17.5	27.0	21.6	76.3	0.0	0.0	0.0	3.0
23	18.8	26.7	21.6	80.0	2.0	0.0	2.0	2.6
24	18.0	26.5	21.4	79.7	0.0	24.0	24.0	2.9
25	16.8	27.2	21.3	79.7	0.0	1.9	1.9	4.9
26	18.0	27.8	19.8	83.3	28.2	22.2	50.4	4.2
27	16.6	25.4	20.9	81.7	0.0	3.2	3.2	2.1
28	17.0	25.6	20.7	81.3	0.0	0.0	0.0	2.4
29	17.5	25.5	20.3	82.0	3.6	0.0	3.6	3.2
30	16.0	25.6	20.8	80.3	1.2	0.0	1.2	5.5
31								
TOTAL PROMEDIO	17.7	27.4	21.9	78.3	40.0	125.5	165.5	114.0

ESTACION: CENICAFE

DPTO: CALDAS

LATITUD : 05° 00'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 36'W
ALTITUD : 1310 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.4	27.2	21.4	78.3	.1	0.0	.1	4.6
2	17.3	28.4	22.4	74.3	0.0	0.0	0.0	7.6
3	18.0	27.4	22.1	75.3	.3	12.7	13.0	3.1
4	17.7	25.2	20.1	83.3	.2	0.0	.2	1.0
5	17.2	25.0	20.9	78.7	.1	6.5	6.6	1.6
6	16.0	26.0	20.6	81.0	0.0	9.1	9.1	3.5
7	17.8	26.6	20.2	80.7	15.1	6.9	22.0	3.7
8	17.3	27.9	21.5	73.3	0.0	2.0	2.0	6.0
9	17.5	26.3	20.9	80.7	3.6	0.0	3.6	3.1
10	16.4	28.4	21.9	73.0	0.0	.3	.3	4.0
11	18.0	26.6	21.9	77.0	0.0	0.0	0.0	2.6
12	17.4	27.1	21.4	71.0	0.0	0.0	0.0	2.6
13	17.1	27.6	21.4	72.7	0.0	0.0	0.0	4.9
14	15.9	29.9	22.5	65.7	0.0	0.0	0.0	9.1
15	17.9	28.1	22.4	71.0	0.0	.5	.5	4.3
16	18.2	28.4	22.6	70.3	0.0	0.0	0.0	5.3
17	17.2	28.6	22.1	71.7	0.0	3.2	3.2	6.0
18	18.2	28.2	22.1	74.0	.1	0.0	.1	3.9
19	18.3	29.8	23.0	66.3	0.0	0.0	0.0	8.1
20	17.7	27.5	22.5	72.3	0.0	.1	.1	3.3
21	18.2	28.6	23.0	73.3	0.0	2.2	2.2	5.9
22	18.4	28.5	23.4	70.7	.1	0.0	.1	5.3
23	17.5	28.8	23.3	68.7	0.0	11.9	11.9	7.0
24	18.0	26.4	20.5	82.0	1.4	0.0	1.4	.5
25	15.8	28.7	21.7	69.0	0.0	0.0	0.0	6.6
26	16.5	27.4	21.7	69.7	0.0	8.1	8.1	2.5
27	17.7	28.1	22.1	76.7	0.0	0.0	0.0	4.4
28	16.9	26.3	21.5	75.0	0.0	0.0	0.0	3.1
29	18.0	28.4	23.1	68.3	0.0	0.0	0.0	4.5
30	18.5	24.0	20.0	85.0	25.2	17.7	42.9	.2
31	17.0	22.3	19.1	83.3	6.3	2.0	8.3	.2
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TOTAL PROMEDIO	17.5	27.3	21.7	74.6	52.5	83.2	135.7	128.5

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	24.5	19.9	84.3	2.9	0.0	2.9	3.6
2	16.2	28.2	21.3	76.0	5.7	4.1	9.8	7.5
3	17.4	25.2	20.6	84.3	0.0	0.0	0.0	2.6
4	15.9	28.2	22.1	71.0	0.0	0.0	0.0	6.7
5	18.0	25.2	21.1	82.3	.6	.1	.7	.6
6	17.7	27.5	22.3	73.3	0.0	0.0	0.0	3.2
7	18.3	26.8	22.4	74.0	0.0	35.2	35.2	3.5
8	17.2	27.0	21.1	77.7	0.0	30.9	30.9	5.7
9	17.0	25.8	21.0	76.7	.9	16.4	17.3	3.7
10	17.6	27.4	21.3	70.3	0.0	0.0	0.0	6.4
11	15.4	28.0	21.6	68.0	0.0	0.0	0.0	5.8
12	17.9	26.7	21.0	72.0	0.0	0.0	0.0	3.8
13	15.6	28.7	21.8	63.3	0.0	0.0	0.0	8.0
14	18.0	27.5	22.1	66.7	0.0	0.0	0.0	4.4
15	17.5	28.8	23.1	65.0	0.0	0.0	0.0	8.4
16	16.0	28.0	21.5	69.7	0.0	0.0	0.0	6.9
17	16.3	27.0	21.8	73.7	0.0	0.0	0.0	2.6
18	17.0	26.2	21.5	76.3	0.0	0.0	0.0	2.4
19	17.8	25.7	21.5	74.0	0.0	0.0	0.0	3.9
20	16.0	27.4	22.0	67.7	.1	0.0	.1	6.1
21	18.0	27.2	21.7	73.3	0.0	0.0	0.0	4.8
22	16.9	28.0	21.9	74.3	0.0	0.0	0.0	3.6
23	17.0	29.1	22.4	63.3	0.0	0.0	0.0	5.7
24	17.4	28.8	22.6	64.7	0.0	0.0	0.0	7.0
25	16.6	28.3	22.2	68.7	0.0	0.0	0.0	6.2
26	17.0	29.6	22.9	65.7	0.0	0.0	0.0	6.9
27	17.1	28.6	22.5	70.7	0.0	0.0	0.0	4.6
28	17.5	28.9	22.1	73.0	0.0	0.0	0.0	5.4
29	16.0	29.1	22.1	59.0	0.0	0.0	0.0	6.7
30	16.4	27.0	21.5	69.3	0.0	0.0	0.0	1.9
31	17.9	28.3	22.7	72.0	0.0	0.0	0.0	4.3
	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	17.0	27.5	21.8	71.6	10.2	86.7	96.9	152.9

ESTACION: CENICAFE

DPTO: CALDAS

LATITUD : 05° 00'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 36'W
ALTITUD : 1310 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	28.7	22.9	68.3	0.0	0.0	0.0	4.8
2	17.0	31.5	24.1	62.3	0.0	0.0	0.0	7.6
3	16.5	27.6	21.3	76.3	18.2	0.0	18.2	2.4
4	16.2	29.7	22.6	68.3	0.0	0.0	0.0	6.8
5	16.4	30.9	22.7	67.7	0.0	0.0	0.0	7.1
6	18.0	29.2	23.2	67.7	0.0	16.9	16.9	3.8
7	16.0	28.2	21.7	66.0	0.0	0.0	0.0	4.9
8	16.9	31.1	23.5	68.0	0.0	0.0	0.0	7.1
9	18.0	31.0	24.0	63.3	0.0	0.0	0.0	6.1
10	17.8	30.4	23.6	64.7	0.0	0.0	0.0	5.0
11	17.4	30.7	23.6	56.0	0.0	0.0	0.0	7.3
12	16.5	30.8	23.9	55.0	0.0	0.0	0.0	7.6
13	16.6	29.7	22.8	60.7	0.0	0.0	0.0	5.9
14	18.2	28.7	23.2	65.3	0.0	10.3	10.3	4.7
15	17.5	24.2	19.5	89.3	2.1	7.5	9.6	.9
16	17.4	21.9	18.5	89.7	4.8	2.8	7.6	0.0
17	16.9	26.8	21.1	74.3	.3	.2	.5	2.6
18	18.0	26.3	21.7	76.0	0.0	0.0	0.0	3.1
19	17.7	28.7	21.9	75.3	0.0	.5	.5	4.5
20	18.0	24.3	19.4	82.7	30.0	.4	30.4	0.0
21	15.5	26.6	20.9	75.7	0.0	.8	.8	2.7
22	17.7	25.5	20.0	81.7	8.8	4.2	13.0	2.8
23	17.2	27.1	21.6	76.0	0.0	.4	.4	3.2
24	17.6	24.3	19.2	93.3	5.0	0.0	5.0	1.2
25	15.7	26.5	20.2	80.7	.6	11.6	12.2	1.3
26	16.6	27.2	21.0	79.3	0.0	23.8	23.8	3.1
27	16.0	24.4	19.9	81.3	.3	0.0	.3	.8
28	16.5	28.0	21.5	73.0	0.0	9.5	9.5	4.4
29	17.0	26.4	20.3	79.7	0.0	0.0	0.0	3.5
30	17.6	29.1	21.1	72.3	1.3	0.0	1.3	7.0
31								
TOTAL PROMEDIO	17.1	27.9	21.7	73.0	71.4	88.9	160.3	121.2

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	24.0	19.5	82.7	9.2	0.0	9.2	1.0
2	16.3	25.7	20.9	76.0	0.0	3.6	3.6	3.0
3	16.0	27.6	20.7	74.7	0.0	0.0	0.0	7.5
4	17.3	27.2	21.3	74.3	0.0	.3	.3	3.6
5	16.1	28.0	21.2	69.3	0.0	0.0	0.0	5.8
6	16.0	28.5	20.9	71.7	0.0	17.6	17.6	8.1
7	16.5	26.0	19.6	74.7	39.4	0.0	39.4	4.4
8	15.5	26.7	19.8	76.0	4.1	0.0	4.1	5.6
9	16.5	23.6	19.9	82.0	.3	16.1	16.4	1.1
10	16.8	22.9	18.7	88.3	1.0	0.0	1.0	.5
11	16.0	24.5	19.2	76.3	.4	0.0	.4	3.7
12	14.2	27.1	21.4	69.3	0.0	0.0	0.0	6.1
13	15.9	26.3	19.3	78.3	23.2	12.5	35.7	5.4
14	14.0	28.0	20.5	71.0	0.0	0.0	0.0	6.9
15	14.2	27.9	21.0	69.0	0.0	0.0	0.0	8.6
16	16.2	29.2	21.8	70.0	0.0	0.0	0.0	9.6
17	16.0	28.2	20.6	76.7	.9	1.2	2.1	5.8
18	17.2	20.2	18.1	94.0	4.6	.1	4.7	.1
19	14.2	25.9	19.7	75.7	0.0	0.0	0.0	3.8
20	14.5	28.6	21.4	64.3	0.0	0.0	0.0	8.4
21	15.5	29.5	21.8	61.7	0.0	0.0	0.0	8.1
22	16.4	29.3	21.5	71.3	0.0	0.0	0.0	8.2
23	16.1	29.1	21.6	70.7	0.0	0.0	0.0	7.4
24	16.9	26.4	21.0	75.7	.3	0.0	.3	.4
25	16.4	27.3	21.8	70.0	.1	6.7	6.8	5.2
26	16.2	27.5	21.3	75.3	0.0	0.0	0.0	5.1
27	17.5	23.7	19.9	85.3	1.9	0.0	1.9	.9
28	15.8	25.4	19.3	87.0	1.4	0.0	1.4	3.7
29	14.4	27.4	20.3	71.3	1.3	4.1	5.4	5.8
30	16.7	26.8	20.4	77.7	0.0	0.0	0.0	5.5
31	15.8	27.2	20.0	74.0	1.2	.1	1.3	4.5
TOTAL PROMEDIO	16.0	26.6	20.5	75.3	89.3	62.3	151.6	153.8

ESTACION: CENICAFE

DPTO: CALDAS

LATITUD : 05° 00'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 36'W
ALTITUD : 1310 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.6	26.3	20.9	76.3	0.0	22.5	22.5	2.8
2	16.4	25.8	19.7	82.3	0.0	2.9	2.9	3.0
3	16.7	26.7	21.3	76.0	0.0	4.6	4.6	4.3
4	17.1	22.6	19.3	84.0	0.0	0.0	0.0	0.0
5	17.0	28.1	21.1	74.0	0.0	0.0	0.0	5.2
6	17.5	27.2	20.1	78.7	8.6	0.0	8.6	4.1
7	15.7	26.7	19.9	77.3	1.9	0.0	1.9	3.8
8	16.0	25.0	18.7	89.0	.7	3.9	4.6	1.6
9	16.6	25.5	19.2	83.3	2.1	10.4	12.5	2.3
10	16.5	26.2	20.3	80.7	0.0	.8	.8	3.9
11	16.4	28.5	21.1	79.0	0.0	7.5	7.5	4.4
12	17.2	28.7	21.2	78.7	1.7	8.7	10.4	7.5
13	17.6	25.8	19.7	81.0	32.0	.5	32.5	.8
14	16.7	26.6	19.8	81.7	10.0	19.7	29.7	3.9
15	16.4	26.0	19.3	83.3	10.6	.1	10.7	1.6
16	16.5	26.6	20.5	75.7	0.0	27.9	27.9	6.8
17	15.5	27.4	20.5	72.0	0.0	0.0	0.0	7.2
18	16.3	28.3	21.6	68.0	0.0	0.0	0.0	7.6
19	16.7	24.6	19.7	78.3	.4	0.0	.4	.6
20	15.7	27.8	21.7	75.3	0.0	0.0	0.0	5.3
21	17.5	24.4	19.0	84.3	2.6	0.0	2.6	1.5
22	15.6	27.0	20.4	80.3	2.4	0.0	2.4	5.4
23	18.0	28.2	21.4	76.7	.7	.9	1.6	4.6
24	16.7	26.8	21.4	77.7	0.0	29.6	29.6	3.8
25	16.8	24.3	19.6	82.7	.4	0.0	.4	0.0
26	16.2	26.7	20.6	77.3	0.0	0.0	0.0	5.4
27	17.4	25.7	21.6	78.7	0.0	0.0	0.0	1.5
28	17.8	26.5	21.4	78.7	0.0	38.5	38.5	2.0
29	17.0	22.4	19.7	89.7	0.0	0.0	0.0	.1
30	17.1	27.2	21.0	78.0	0.0	0.0	0.0	5.3
31								
TOTAL PROMEDIO	16.7	26.3	20.4	79.3	74.1	178.5	252.6	106.3

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	28.8	22.3	72.7	0.0	0.0	0.0	7.8
2	17.8	26.1	21.3	78.0	0.0	28.4	28.4	.8
3	17.0	26.3	20.9	78.0	0.0	0.0	0.0	3.1
4	16.7	28.4	21.8	75.0	0.0	19.0	19.0	6.8
5	16.8	21.6	19.1	87.3	.2	0.0	.2	0.0
6	15.1	28.7	21.1	70.3	0.0	0.0	0.0	8.5
7	17.4	29.3	22.6	69.7	0.0	24.5	24.5	7.5
8	17.1	28.0	21.5	76.7	.3	1.4	1.7	5.0
9	18.1	23.9	19.5	86.0	3.8	0.0	3.8	0.0
10	15.4	28.1	20.9	75.0	0.0	0.0	0.0	7.8
11	15.8	26.8	20.8	76.7	0.0	0.0	0.0	3.3
12	17.9	28.9	21.8	77.3	.2	3.1	3.3	5.1
13	18.0	27.5	21.1	81.7	0.0	0.0	0.0	5.2
14	17.4	25.8	20.9	84.7	2.0	7.0	9.0	2.4
15	17.8	23.1	19.5	85.3	6.4	37.9	44.3	.1
16	16.4	25.3	20.5	81.3	.3	7.7	8.0	2.1
17	17.4	20.1	18.0	95.7	18.1	0.0	18.1	0.0
18	15.1	27.1	20.6	73.0	0.0	0.0	0.0	5.3
19	16.8	27.9	21.3	71.3	0.0	0.0	0.0	5.9
20	17.4	27.8	21.3	76.7	0.0	5.7	5.7	6.6
21	17.0	28.4	21.4	75.3	0.0	0.0	0.0	6.6
22	18.1	22.0	19.1	89.7	3.4	0.0	3.4	.4
23	17.4	27.1	21.1	75.3	0.0	0.0	0.0	5.3
24	16.8	28.6	22.1	72.0	0.0	0.0	0.0	7.0
25	16.3	28.5	21.3	72.7	0.0	0.0	0.0	6.8
26	17.0	27.7	21.8	67.7	0.0	0.0	0.0	8.0
27	17.6	29.4	22.4	68.3	0.0	13.6	13.6	9.2
28	17.5	27.7	21.6	76.7	.4	5.0	5.4	4.1
29	17.0	24.7	19.8	85.0	2.7	0.0	2.7	2.4
30	16.6	27.6	21.4	72.7	0.0	0.0	0.0	7.5
31	17.0	27.9	22.1	69.7	0.0	0.0	0.0	6.7
TOTAL PROMEDIO	17.0	26.7	21.0	77.3	37.8	153.3	191.1	147.3

Estación: CENICAFE

Dpto.: CALDAS

Latitud : 05° 00'N

Año: 1991

Mpio.: CHINCHINA

Longitud: 75° 36'W
Altitud : 1310 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	17.2	28.5	21.9	15.5	32.0	71.4	103.6	14	195.7
FEBRERO	17.7	28.9	22.4	15.0	31.0	72.1	206.4	9	168.6
MARZO	17.5	28.2	21.6	15.4	30.6	74.9	247.2	20	155.8
ABRIL	17.4	27.6	21.5	15.8	30.4	75.5	256.1	21	147.4
MAYO	17.6	26.4	21.3	15.0	29.5	80.1	158.2	24	83.1
JUNIO	17.7	27.4	21.9	16.0	31.5	78.3	165.5	20	114.0
JULIO	17.5	27.3	21.7	15.8	29.9	74.6	135.7	20	128.5
AGOSTO	17.0	27.5	21.8	15.4	29.6	71.6	96.9	7	152.9
SEPTIEMBRE	17.1	27.9	21.7	15.5	31.5	73.0	160.3	17	121.2
OCTUBRE	16.0	26.6	20.5	14.0	29.5	75.3	151.6	18	153.8
NOVIEMBRE	16.7	26.3	20.4	15.5	28.7	79.3	252.6	21	106.3
DICIEMBRE	17.0	26.7	21.0	15.1	29.4	77.3	191.1	16	147.3
PROMEDIO	17.2	27.4	21.5			75.3			
ABSOLUTA				14.0	32.0				
TOTAL							2125.2	207	1674.6

ESTACION: NARANJAL

DPTO: CALDAS

LATITUD : 04° 59'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 39'W

ALTITUD : 1400 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.9	26.9	21.4	70.0	.1	0.0	.1	4.3
2	17.7	28.9	21.6	75.3	0.0	.1	.1	8.0
3	18.1	27.4	21.8	75.0	1.1	0.0	1.1	4.5
4	18.5	28.0	22.2	77.0	0.0	0.0	0.0	4.8
5	18.7	29.2	22.2	67.7	0.0	0.0	0.0	5.7
6	17.8	29.4	23.0	68.0	0.0	19.4	19.4	4.9
7	16.8	28.4	21.5	74.0	0.0	0.0	0.0	5.3
8	17.4	29.3	22.4	70.0	0.0	2.3	2.3	7.0
9	17.8	29.6	23.5	65.3	0.0	0.0	0.0	6.0
10	18.2	29.0	23.0	71.0	0.0	0.0	0.0	6.3
11	18.6	27.6	21.9	73.7	0.0	10.7	10.7	3.7
12	18.0	26.6	21.7	77.0	0.0	0.0	0.0	4.2
13	18.7	28.2	21.8	73.0	0.0	21.6	21.6	5.4
14	17.0	26.5	20.3	74.7	1.6	5.4	7.0	3.1
15	16.8	26.0	20.7	77.0	0.0	0.0	0.0	5.8
16	15.2	28.9	21.6	63.0	0.0	0.0	0.0	8.8
17	17.5	27.0	21.5	72.0	0.0	0.0	0.0	1.4
18	17.9	27.5	22.0	68.0	0.0	0.0	0.0	4.1
19	17.2	28.4	21.4	71.7	0.0	0.0	0.0	5.6
20	17.3	26.5	21.7	68.0	0.0	2.7	2.7	3.9
21	17.6	29.2	22.4	66.0	0.0	0.0	0.0	9.6
22	17.2	29.5	22.5	60.7	0.0	0.0	0.0	8.7
23	16.6	29.2	22.1	63.3	0.0	0.0	0.0	9.4
24	16.0	29.1	22.5	63.3	0.0	0.0	0.0	8.5
25	17.0	30.1	22.6	65.7	0.0	1.3	1.3	9.1
26	17.8	27.8	22.0	65.0	0.0	0.0	0.0	4.8
27	16.5	26.2	20.9	70.7	0.0	0.0	0.0	4.8
28	16.4	30.8	23.3	56.0	0.0	0.0	0.0	8.5
29	16.8	31.0	23.5	61.3	0.0	.4	.4	8.4
30	18.9	28.0	23.0	73.3	1.0	0.0	1.0	3.5
31	18.7	30.0	22.9	68.7	0.0	0.0	0.0	7.0
TOTAL PROMEDIO	17.5	28.4	22.1	69.2	3.8	63.9	67.7	185.1

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	29.9	23.9	61.0	0.0	0.0	0.0	8.1
2	17.8	29.7	21.5	73.7	.1	24.7	24.8	6.6
3	16.0	22.4	18.5	83.3	16.9	.1	17.0	.8
4	15.8	27.5	21.5	72.7	0.0	0.0	0.0	6.8
5	17.2	28.2	23.0	62.7	0.0	0.0	0.0	5.9
6	16.5	30.0	22.9	66.3	0.0	0.0	0.0	9.3
7	16.8	28.8	22.3	70.3	0.0	0.0	0.0	8.4
8	18.0	28.7	22.7	68.7	0.0	0.0	0.0	7.1
9	15.2	30.2	23.1	65.0	0.0	0.0	0.0	9.6
10	16.4	31.0	24.1	63.7	0.0	0.0	0.0	9.1
11	17.9	30.5	21.9	75.0	16.0	0.0	16.0	7.1
12	18.0	29.2	23.5	68.3	0.0	0.0	0.0	5.5
13	18.8	29.3	23.6	71.3	.2	.8	1.0	4.7
14	18.4	30.0	23.3	74.7	0.0	0.0	0.0	4.9
15	19.0	28.8	23.8	70.0	0.0	24.7	24.7	4.2
16	17.4	25.8	20.9	82.7	.1	0.0	.1	1.2
17	16.8	30.1	23.5	65.3	0.0	0.0	0.0	9.8
18	18.2	28.4	22.6	68.7	0.0	0.0	0.0	3.7
19	18.6	28.6	22.8	70.7	0.0	2.2	2.2	4.4
20	18.8	28.9	22.2	69.3	0.0	.1	.1	6.5
21	18.0	26.8	22.1	69.7	0.0	0.0	0.0	6.0
22	16.9	29.0	22.8	60.0	0.0	0.0	0.0	7.6
23	18.8	29.2	24.0	65.0	0.0	.4	.4	7.1
24	18.7	28.9	23.2	66.0	0.0	0.0	0.0	4.4
25	17.8	30.2	23.7	62.3	0.0	.2	.2	8.0
26	19.2	27.2	22.2	76.3	3.1	0.0	3.1	1.1
27	18.6	29.8	23.4	66.3	0.0	34.2	34.2	5.1
28	18.0	29.2	22.3	72.7	0.0	0.0	0.0	4.9
29								
30								
31								
TOTAL PROMEDIO	17.7	28.8	22.7	69.3	36.4	87.4	123.8	167.9

ESTACION: NARANJAL

DPTO: CALDAS

LATITUD : 04° 59'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 39'W
ALTITUD : 1400 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	28.8	21.3	75.3	1.4	14.3	15.7	5.1
2	17.8	26.2	21.6	77.3	1.9	1.7	3.6	2.5
3	17.6	29.4	22.9	67.0	0.0	0.0	0.0	6.7
4	18.0	27.2	22.9	64.7	.1	9.3	9.4	5.1
5	17.0	28.0	21.7	73.7	0.0	0.0	0.0	5.6
6	16.9	29.9	22.6	69.7	0.0	18.7	18.7	8.1
7	18.0	27.8	21.2	74.0	17.0	0.0	17.0	4.2
8	17.8	28.2	22.0	74.7	.2	4.9	5.1	6.6
9	17.9	28.5	21.2	79.3	0.0	0.0	0.0	5.8
10	17.7	26.6	20.9	80.0	18.3	.3	18.6	1.2
11	17.8	27.4	22.4	69.3	0.0	0.0	0.0	4.7
12	18.6	26.8	21.1	78.7	.4	0.0	.4	2.1
13	18.0	29.2	22.5	74.7	0.0	72.1	72.1	4.1
14	16.8	28.0	20.3	80.7	10.1	1.4	11.5	3.7
15	16.0	27.9	21.5	72.3	0.0	0.0	0.0	4.0
16	17.8	28.5	22.1	72.3	9.8	11.9	21.7	4.4
17	18.8	28.9	23.3	71.7	.4	0.0	.4	6.2
18	19.0	30.0	23.0	68.3	0.0	0.0	0.0	8.9
19	18.8	30.2	23.0	67.7	0.0	0.0	0.0	8.7
20	17.8	30.1	22.8	62.0	0.0	0.0	0.0	7.7
21	17.5	30.2	23.2	59.0	0.0	0.0	0.0	9.0
22	18.0	30.4	23.2	66.7	.1	.1	.2	6.0
23	18.9	29.2	22.1	78.3	1.9	2.2	4.1	3.9
24	18.0	26.8	21.0	77.0	24.3	3.9	28.2	1.8
25	18.2	26.4	21.8	82.0	7.1	58.1	65.2	2.5
26	17.5	22.2	19.9	84.7	1.9	2.9	4.8	0.0
27	16.0	26.4	20.7	78.0	0.0	5.7	5.7	2.1
28	17.0	24.9	19.7	80.3	0.0	0.0	0.0	0.0
29	15.7	28.5	22.0	68.7	0.0	0.0	0.0	8.9
30	17.8	28.9	22.2	68.0	0.0	3.2	3.2	6.1
31	17.9	27.0	21.0	74.7	1.0	0.0	1.0	4.5
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.7	28.0	21.8	73.2	95.9	210.7	306.6	150.2

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	26.2	20.6	73.3	0.0	9.4	9.4	5.2
2	16.9	27.2	21.3	73.3	0.0	0.0	0.0	6.2
3	16.4	29.9	22.4	66.0	0.0	0.0	0.0	9.6
4	18.7	29.5	23.2	68.0	0.0	0.0	0.0	4.4
5	17.8	28.2	22.7	70.7	0.0	3.4	3.4	6.9
6	18.0	27.2	22.1	72.7	0.0	14.2	14.2	4.1
7	17.8	27.4	21.4	71.3	0.0	0.0	0.0	4.0
8	18.2	25.2	20.2	85.0	16.6	24.9	41.5	1.0
9	16.9	26.5	21.1	74.0	0.0	3.9	3.9	3.6
10	17.8	25.2	20.6	77.0	0.0	0.0	0.0	.5
11	18.0	30.0	22.7	68.3	0.0	3.7	3.7	5.0
12	18.1	23.0	19.5	88.7	4.2	.4	4.6	0.0
13	17.9	27.0	20.2	80.7	16.8	0.0	16.8	2.7
14	17.6	28.9	21.6	75.0	.6	8.3	8.9	5.8
15	15.5	28.2	21.7	71.7	0.0	0.0	0.0	8.7
16	16.8	30.0	22.6	70.3	0.0	.1	.1	10.5
17	18.2	27.2	22.4	75.0	0.0	0.0	0.0	5.0
18	17.8	28.8	22.7	68.3	0.0	11.6	11.6	5.8
19	16.5	29.2	23.0	70.7	0.0	6.5	6.5	7.9
20	17.8	28.2	22.7	74.3	0.0	1.9	1.9	5.4
21	17.4	28.1	22.3	73.0	0.0	0.0	0.0	5.0
22	17.6	26.2	22.3	81.0	.1	1.4	1.5	1.7
23	18.7	28.4	22.5	73.0	.6	.1	.7	5.3
24	17.9	29.8	23.2	70.3	.1	0.0	.1	7.4
25	18.8	29.5	23.2	70.7	0.0	14.7	14.7	5.1
26	18.2	29.0	22.5	75.7	0.0	2.2	2.2	4.8
27	17.7	28.0	22.7	76.7	1.2	.8	2.0	4.3
28	17.0	24.9	21.1	85.7	.5	0.0	.5	.3
29	18.2	26.7	21.8	78.3	.1	0.0	.1	2.2
30	17.9	29.0	21.1	76.7	7.2	28.3	35.5	6.4
31	====	====	====	====	====	====	====	====
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.6	27.8	21.9	74.5	48.0	135.8	183.8	144.8

ESTACION: NARANJAL

DPTO: CALDAS

LATITUD : 04° 59'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 39'W
ALTITUD : 1400 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	26.8	21.4	78.7	1.2	0.0	1.2	4.2
2	17.6	28.2	22.9	72.0	0.0	6.5	6.5	3.4
3	18.8	24.7	21.4	86.3	.3	.5	.8	0.0
4	19.0	25.0	21.7	84.7	0.0	11.9	11.9	.2
5	18.0	24.5	20.6	85.3	.9	0.0	.9	.9
6	17.8	29.2	23.3	74.3	.2	43.1	43.3	6.2
7	16.5	26.2	21.6	78.3	0.0	0.0	0.0	3.2
8	17.5	29.0	23.9	69.7	0.0	0.0	0.0	4.9
9	18.8	26.8	21.7	77.3	2.8	0.0	2.8	0.0
10	16.9	29.2	22.0	74.3	0.0	2.2	2.2	5.2
11	17.8	26.4	22.3	79.0	.1	7.6	7.7	2.8
12	18.8	26.0	21.3	82.0	.7	1.2	1.9	2.4
13	17.8	28.8	23.0	76.7	0.0	1.2	1.2	7.1
14	18.9	27.0	22.2	76.3	.1	31.1	31.2	0.0
15	18.0	26.5	21.8	80.3	0.0	0.0	0.0	1.8
16	18.7	28.5	22.4	73.0	1.9	14.3	16.2	1.6
17	18.0	23.2	19.8	85.3	2.3	1.8	4.1	.1
18	17.8	22.2	19.6	87.0	2.0	11.2	13.2	.2
19	17.3	26.2	20.1	82.7	27.7	18.9	46.6	1.6
20	17.4	26.3	21.0	82.0	1.0	1.8	2.8	2.4
21	17.9	22.8	20.3	84.0	.2	.6	.8	0.0
22	17.8	23.2	20.2	84.3	.6	0.0	.6	.7
23	18.0	27.0	20.8	78.0	18.5	4.6	23.1	3.9
24	16.8	23.2	19.4	86.0	.1	0.0	.1	1.2
25	15.6	28.4	22.4	69.0	0.0	0.0	0.0	7.5
26	17.8	28.2	23.1	70.3	0.0	8.0	8.0	4.2
27	17.0	27.4	22.5	75.0	0.0	0.0	0.0	4.2
28	18.3	29.8	24.6	67.7	0.0	2.8	2.8	7.5
29	17.8	28.0	21.6	75.7	2.9	33.4	36.3	4.4
30	17.4	24.2	20.4	88.0	3.2	0.0	3.2	1.2
31	17.8	26.9	22.3	76.7	0.0	52.8	52.8	1.2
TOTAL PROMEDIO	17.7	26.4	21.6	78.7	66.7	255.5	322.2	84.2

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	25.5	21.8	81.3	.7	0.0	.7	1.0
2	17.8	28.0	22.1	75.0	0.0	27.7	27.7	3.1
3	17.2	27.0	22.5	76.7	0.0	0.0	0.0	4.5
4	18.4	28.4	22.9	72.3	0.0	3.6	3.6	5.0
5	18.0	24.0	21.0	86.7	.7	0.0	.7	.8
6	17.8	27.0	22.3	76.7	0.0	0.0	0.0	2.8
7	18.8	30.2	24.9	62.3	0.0	0.0	0.0	7.7
8	18.7	29.0	23.6	71.0	0.0	0.0	0.0	5.3
9	19.7	30.0	24.4	72.3	0.0	0.0	0.0	3.8
10	18.8	31.0	24.2	67.3	0.0	0.0	0.0	6.7
11	18.9	32.0	25.1	65.0	0.0	0.0	0.0	8.7
12	19.0	29.0	23.7	72.7	0.0	0.0	0.0	5.2
13	18.5	30.1	23.7	66.7	0.0	27.7	27.7	7.7
14	19.1	27.0	22.4	77.7	.2	3.6	3.8	2.9
15	18.8	28.3	22.0	77.3	1.4	9.7	11.1	5.2
16	17.4	25.1	21.6	81.0	0.0	0.0	0.0	.8
17	18.9	26.5	21.8	80.0	1.9	0.0	1.9	2.7
18	16.9	28.0	22.5	74.0	0.0	.1	.1	7.8
19	19.2	26.5	22.0	82.0	1.6	0.0	1.6	.7
20	17.6	28.0	22.1	68.3	0.0	1.4	1.4	3.8
21	19.0	25.1	21.6	83.7	0.0	0.0	0.0	.5
22	18.7	26.9	22.7	70.7	0.0	12.5	12.5	3.0
23	18.9	26.4	21.8	82.3	1.7	19.4	21.1	2.7
24	17.2	27.0	22.0	76.0	.5	33.5	34.0	3.2
25	17.0	27.2	21.3	74.0	.6	20.1	20.7	4.4
26	18.2	27.0	20.7	79.3	15.6	22.2	37.8	3.2
27	17.1	26.4	21.6	76.0	0.0	25.6	25.6	2.5
28	17.0	26.4	21.3	75.7	0.0	0.0	0.0	3.6
29	18.5	25.4	20.7	79.0	2.1	0.0	2.1	4.0
30	16.4	25.0	20.0	89.7	9.8	0.0	9.8	4.9
31								
TOTAL PROMEDIO	18.2	27.4	22.3	75.8	36.8	207.1	243.9	118.2

ESTACION: NARANJAL

DPTO: CALDAS

LATITUD : 04° 59'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 39'W
ALTITUD : 1400 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	28.0	22.6	79.3	0.0	0.0	0.0	1.7
2	18.0	28.9	23.1	75.3	0.0	.4	.4	6.7
3	18.5	27.2	22.5	77.7	0.0	.1	.1	2.6
4	18.7	26.2	20.4	81.3	26.5	.4	26.9	1.2
5	17.8	25.9	20.7	82.0	.4	2.4	2.8	1.1
6	16.8	26.2	21.9	80.7	0.0	5.6	5.6	4.1
7	18.0	27.0	21.3	80.0	9.8	3.0	12.8	4.1
8	17.8	27.8	22.0	74.7	0.0	5.0	5.0	6.5
9	18.0	26.0	21.3	79.7	2.0	0.0	2.0	2.3
10	16.2	28.2	23.3	72.3	0.0	0.0	0.0	6.5
11	18.8	28.6	22.9	69.0	0.0	.9	.9	4.5
12	17.7	26.8	21.8	68.3	0.0	.3	.3	2.3
13	17.2	27.0	21.7	73.3	0.0	0.0	0.0	5.9
14	15.9	29.3	23.3	61.3	0.0	0.0	0.0	8.6
15	17.8	28.0	22.9	73.0	0.0	3.1	3.1	5.0
16	17.2	28.4	22.2	68.7	0.0	0.0	0.0	4.7
17	17.0	28.2	22.5	70.0	0.0	19.2	19.2	5.9
18	18.2	27.4	22.2	76.7	0.0	0.0	0.0	3.3
19	17.8	30.0	23.5	67.0	.1	0.0	.1	8.4
20	17.6	28.0	22.8	69.7	0.0	0.0	0.0	2.8
21	18.4	28.8	23.1	70.7	0.0	22.4	22.4	5.5
22	17.9	28.2	23.7	68.0	0.0	0.0	0.0	4.8
23	17.8	29.0	23.2	67.3	0.0	.1	.1	6.8
24	18.8	27.2	21.1	78.7	2.6	0.0	2.6	.1
25	16.4	28.5	22.3	66.0	0.0	0.0	0.0	6.4
26	16.8	28.3	22.4	64.7	0.0	1.5	1.5	5.8
27	18.6	28.2	22.8	72.0	0.0	0.0	0.0	3.3
28	17.8	26.2	22.0	73.7	.1	11.3	11.4	3.6
29	18.4	28.2	22.9	72.7	0.0	0.0	0.0	4.2
30	18.8	24.4	19.5	85.3	14.5	17.2	31.7	.3
31	17.6	22.9	19.2	85.7	6.5	3.2	9.7	.1
TOTAL PROMEDIO	17.7	27.5	22.1	73.7	62.5	96.1	158.6	129.1

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	24.2	19.9	84.3	2.7	0.0	2.7	3.1
2	16.8	28.1	21.7	71.7	12.2	4.0	16.2	7.4
3	17.8	25.6	20.8	82.3	0.0	0.0	0.0	3.3
4	16.1	28.2	22.1	65.3	0.0	0.0	0.0	6.9
5	18.2	26.0	21.8	75.7	.1	7.8	7.9	.9
6	18.1	28.0	22.5	72.7	0.0	0.0	0.0	3.5
7	18.7	27.2	22.9	66.7	0.0	26.0	26.0	3.0
8	17.8	27.1	21.2	74.7	0.0	7.8	7.8	5.4
9	17.0	25.8	21.4	75.3	1.7	5.8	7.5	4.0
10	17.4	27.4	21.4	73.3	0.0	0.0	0.0	6.2
11	15.7	28.5	22.7	64.3	0.0	0.0	0.0	7.5
12	17.8	27.5	21.3	68.0	0.0	0.0	0.0	4.0
13	15.7	28.6	22.0	60.3	0.0	0.0	0.0	7.5
14	18.0	27.8	22.0	63.3	0.0	0.0	0.0	3.4
15	17.0	29.1	22.8	67.0	0.0	0.0	0.0	7.7
16	15.0	27.8	22.0	64.3	0.0	0.0	0.0	5.8
17	15.7	26.8	21.4	71.7	0.0	2.8	2.8	2.8
18	16.6	25.6	21.2	73.7	0.0	2.3	2.3	2.3
19	17.2	26.6	21.3	76.7	.8	0.0	.8	4.0
20	16.4	27.8	22.6	63.3	0.0	0.0	0.0	6.8
21	18.0	26.9	22.6	69.0	0.0	0.0	0.0	3.1
22	15.7	28.0	22.0	71.3	0.0	0.0	0.0	3.2
23	17.0	28.5	22.0	65.7	.5	0.0	.5	6.3
24	16.9	29.1	22.2	61.0	0.0	0.0	0.0	8.7
25	16.3	28.8	22.4	66.7	0.0	0.0	0.0	6.5
26	16.7	30.1	23.3	62.3	0.0	0.0	0.0	7.0
27	17.2	28.8	22.7	68.3	0.0	0.0	0.0	4.9
28	17.5	28.6	22.0	67.3	0.0	0.0	0.0	5.2
29	14.9	29.1	22.2	55.0	0.0	0.0	0.0	7.5
30	15.8	26.8	21.1	68.7	0.0	0.0	0.0	1.5
31	17.4	27.0	22.3	70.7	0.0	0.0	0.0	4.5
TOTAL PROMEDIO	16.9	27.6	21.9	69.1	18.0	56.5	74.5	153.9

ESTACION: NARANJAL

DPTO: CALDAS

LATITUD : 04° 59'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 39'W
ALTITUD : 1400 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	28.2	22.3	67.3	0.0	0.0	0.0	3.7
2	16.0	31.4	23.8	59.7	0.0	0.0	0.0	8.4
3	16.6	27.2	22.3	69.0	1.3	0.0	1.3	.9
4	16.0	29.4	22.9	63.7	0.0	0.0	0.0	6.7
5	16.2	30.0	22.6	64.7	0.0	0.0	0.0	6.9
6	17.2	27.9	22.5	67.7	0.0	0.0	0.0	2.5
7	15.7	28.4	22.4	61.7	0.0	0.0	0.0	6.0
8	16.7	30.0	23.3	66.3	0.0	0.0	0.0	6.9
9	17.8	30.8	23.6	69.7	.4	0.0	.4	6.6
10	18.0	31.4	24.3	60.7	0.0	0.0	0.0	5.9
11	17.1	30.0	23.8	53.3	0.0	0.0	0.0	7.6
12	16.2	30.4	23.5	51.7	0.0	0.0	0.0	8.0
13	16.8	29.9	22.5	55.0	0.0	0.0	0.0	7.4
14	17.5	28.0	22.3	67.7	0.0	18.6	18.6	3.7
15	17.0	24.1	19.1	88.3	13.5	23.9	37.4	.7
16	16.8	24.2	19.4	83.7	2.5	2.3	4.8	.5
17	17.0	26.9	21.5	72.3	0.0	5.8	5.8	3.4
18	17.8	26.3	21.1	76.0	.2	1.3	1.5	2.9
19	17.5	28.2	22.0	74.3	0.0	30.4	30.4	4.0
20	17.7	24.2	19.0	81.3	30.7	1.1	31.8	.1
21	15.0	26.2	20.6	74.0	0.0	1.0	1.0	3.4
22	17.2	26.5	20.0	79.3	4.5	10.3	14.8	2.2
23	16.7	27.4	21.4	76.0	0.0	0.0	0.0	5.5
24	17.8	22.8	19.2	85.3	2.1	0.0	2.1	0.0
25	15.6	26.0	20.3	77.3	1.5	21.6	23.1	2.0
26	16.8	26.9	21.1	76.7	0.0	3.0	3.0	3.4
27	16.0	25.8	20.4	80.7	1.5	0.0	1.5	.3
28	16.8	28.0	21.8	74.0	.7	19.3	20.0	4.4
29	17.0	25.9	21.1	78.0	0.0	0.0	0.0	2.8
30	18.0	30.0	21.6	74.0	.8	0.0	.8	6.6
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.9	27.7	21.7	71.0	59.7	138.6	198.3	123.4

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	25.2	20.2	87.7	6.3	0.0	6.3	1.1
2	16.7	27.5	21.7	74.7	0.0	2.9	2.9	3.8
3	17.2	27.2	21.1	73.0	0.0	0.0	0.0	5.5
4	17.4	27.0	22.2	74.7	0.0	0.0	0.0	3.7
5	16.8	28.2	21.5	76.0	5.0	0.0	5.0	6.3
6	16.0	27.6	21.3	68.7	0.0	.5	.5	7.0
7	16.7	28.2	20.8	74.7	26.3	0.0	26.3	4.8
8	16.1	27.8	21.0	69.0	19.0	0.0	19.0	4.2
9	17.0	23.9	19.8	85.0	2.0	.2	2.2	1.0
10	17.8	23.4	19.3	86.0	1.1	.1	1.2	.3
11	16.0	25.1	19.9	77.0	1.9	0.0	1.9	2.9
12	14.5	26.4	21.0	74.3	0.0	0.0	0.0	5.3
13	16.0	26.6	20.1	76.3	6.5	.2	6.7	4.6
14	14.4	27.5	21.2	74.0	0.0	0.0	0.0	6.8
15	14.8	27.6	21.2	73.3	0.0	0.0	0.0	8.5
16	16.4	29.2	22.2	68.0	0.0	0.0	0.0	
17	15.8	27.8	20.4	77.3	19.5	12.0	31.5	5.1
18	16.7	23.1	18.0	96.0	6.5	0.0	6.5	.1
19	14.9	25.4	19.9	74.0	0.0	0.0	0.0	1.2
20	14.8	28.2	21.6	65.3	0.0	0.0	0.0	8.2
21	15.2	29.4	21.9	64.0	0.0	0.0	0.0	8.3
22	15.9	28.4	21.8	69.0	0.0	0.0	0.0	7.4
23	16.0	29.0	22.1	65.7	0.0	0.0	0.0	7.4
24	16.9	26.8	21.3	73.0	0.0	0.0	0.0	.1
25	16.2	28.2	21.0	79.0	1.5	16.1	17.6	5.3
26	16.0	26.4	20.8	79.0	0.0	0.0	0.0	5.8
27	17.5	23.2	19.6	89.3	2.1	.2	2.3	.4
28	15.2	25.2	19.6	86.3	1.2	0.0	1.2	2.5
29	15.4	28.3	20.9	70.0	.9	2.7	3.6	6.1
30	17.2	26.8	20.9	75.0	0.0	0.0	0.0	4.8
31	15.9	27.2	20.4	70.3	13.9	0.0	13.9	3.8
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.1	26.8	20.8	75.7	113.7	34.9	148.6	

ESTACION: NARANJAL

DPTO: CALDAS

LATITUD : 04° 59'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 39'W
ALTITUD : 1400 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	26.4	21.3	77.0	0.0	21.4	21.4	3.2
2	16.6	24.9	19.8	82.0	0.0	.2	.2	1.9
3	16.9	26.8	21.1	74.3	0.0	37.9	37.9	3.9
4	17.0	24.0	19.7	87.0	10.5	0.0	10.5	.3
5	16.8	27.4	20.8	74.7	0.0	.2	.2	4.2
6	17.2	26.8	20.7	80.7	.8	0.0	.8	4.0
7	16.0	25.8	19.8	82.0	3.4	4.7	8.1	3.4
8	15.9	22.8	18.1	96.7	5.3	1.3	6.6	0.0
9	16.7	24.8	19.4	81.7	1.6	5.6	7.2	1.3
10	16.0	25.0	19.8	82.3	0.0	0.0	0.0	3.7
11	16.4	27.8	20.9	77.3	0.0	.9	.9	4.5
12	17.8	28.0	21.8	70.7	0.0	3.4	3.4	7.4
13	17.5	25.6	19.9	79.3	0.0	0.0	0.0	1.0
14	16.7	25.9	20.0	83.3	.9	1.3	2.2	3.2
15	17.0	24.4	18.9	87.3	7.2	0.0	7.2	1.5
16	16.3	26.2	20.2	75.0	0.0	21.8	21.8	6.7
17	14.8	26.5	20.0	78.0	0.0	0.0	0.0	6.4
18	15.5	27.2	21.2	70.0	0.0	0.0	0.0	6.9
19	16.0	24.2	20.0	75.7	.2	0.0	.2	.8
20	15.9	27.5	21.7	74.0	0.0	0.0	0.0	5.2
21	17.8	23.5	19.7	84.0	1.6	0.0	1.6	1.7
22	16.0	27.9	20.7	77.3	8.8	0.0	8.8	6.1
23	17.8	27.0	21.4	77.7	.3	0.0	.3	4.4
24	16.8	26.9	21.6	76.3	0.0	22.9	22.9	2.4
25	17.2	23.4	19.7	83.7	.2	0.0	.2	0.0
26	15.5	26.6	20.8	77.0	0.0	0.0	0.0	6.3
27	17.5	25.2	21.5	83.3	0.0	0.0	0.0	.6
28	17.2	26.0	21.2	81.7	0.0	14.9	14.9	1.2
29	16.7	22.2	19.7	88.7	0.0	0.0	0.0	0.0
30	17.0	27.3	21.2	76.7	0.0	0.0	0.0	5.2
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.6	25.8	20.4	79.8	40.8	136.5	177.3	97.4

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	28.2	22.0	73.3	0.0	0.0	0.0	6.9
2	17.8	25.3	20.8	82.3	0.0	31.1	31.1	.7
3	16.8	25.5	20.7	82.3	0.0	0.0	0.0	2.2
4	17.0	27.3	21.6	72.7	0.0	87.1	87.1	7.1
5	15.0	21.2	18.5	92.7	.6	0.0	.6	0.0
6	14.2	27.4	20.5	75.3	0.0	0.0	0.0	7.8
7	17.0	28.0	22.2	70.7	0.0	0.0	0.0	6.6
8	18.0	27.9	21.3	81.7	0.0	10.5	10.5	4.7
9	18.1	23.5	19.4	85.0	1.4	0.0	1.4	0.0
10	15.5	27.8	21.1	69.7	.2	0.0	.2	7.7
11	15.6	28.0	21.2	75.7	0.0	.2	.2	4.2
12	17.8	27.9	22.0	75.7	0.0	33.8	33.8	5.4
13	17.5	26.8	21.1	79.3	0.0	0.0	0.0	5.5
14	17.2	24.7	20.7	82.3	.3	17.9	18.2	1.3
15	17.6	22.6	19.3	86.3	20.5	10.8	31.3	0.0
16	16.0	24.9	20.2	80.0	.2	1.2	1.4	1.7
17	17.5	20.0	18.0	93.3	22.2	0.0	22.2	0.0
18	15.4	26.9	20.8	71.7	0.0	0.0	0.0	5.0
19	16.5	27.0	21.5	71.3	0.0	0.0	0.0	4.2
20	16.6	27.2	21.4	75.3	0.0	.4	.4	5.8
21	17.0	27.7	21.4	74.7	0.0	2.4	2.4	6.2
22	17.6	21.4	18.5	93.3	4.9	0.0	4.9	.5
23	16.9	27.0	20.7	76.7	0.0	0.0	0.0	5.4
24	16.4	28.2	21.4	71.7	0.0	0.0	0.0	7.2
25	15.9	27.2	20.7	73.7	0.0	0.0	0.0	6.8
26	16.0	27.1	21.4	72.7	0.0	.1	.1	5.9
27	17.0	28.2	21.9	71.3	0.0	2.2	2.2	8.4
28	17.1	27.0	21.3	76.0	.1	3.5	3.6	4.0
29	16.9	24.2	19.3	87.7	2.8	0.0	2.8	1.5
30	17.0	27.5	22.1	70.7	0.0	0.0	0.0	7.4
31	17.1	27.9	22.1	74.0	0.0	0.0	0.0	5.9
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.7	26.2	20.8	78.0	53.2	201.2	254.4	136.0

Estación: NARANJAL
 Año: 1991

Dpto.: CALDAS
 Mpio.: CHINCHINA

Latitud : 04° 59'N
 Longitud: 75° 39'W
 Altitud : 1400 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med. Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	17.5	28.4	22.1	15.2	31.0	69.2	67.7	12	185.1
FEBRERO	17.7	28.8	22.7	15.2	31.0	69.3	123.8	12	167.9
MARZO	17.7	28.0	21.8	15.7	30.4	73.2	306.6	20	150.2
ABRIL	17.6	27.8	21.9	15.5	30.0	74.5	183.8	22	144.8
MAYO	17.7	26.4	21.6	15.6	29.8	78.7	322.2	26	84.2
JUNIO	18.2	27.4	22.3	16.4	32.0	75.8	243.9	19	118.2
JULIO	17.7	27.5	22.1	15.9	30.0	73.7	158.6	20	129.1
AGOSTO	16.9	27.6	21.9	14.9	30.1	69.1	74.5	10	153.9
SEPTIEMBRE	16.9	27.7	21.7	15.0	31.4	71.0	198.3	17	123.4
OCTUBRE	16.1	26.8	20.8	14.4	29.4	75.7	148.6	17	
NOVIEMBRE	16.6	25.8	20.4	14.8	28.0	79.8	177.3	21	97.4
DICIEMBRE	16.7	26.2	20.8	14.2	28.2	78.0	254.4	19	136.0
PROMEDIO	17.3	27.4	21.7			74.0			
ABSOLUTA				14.2	32.0				
TOTAL							2259.7	215	

ESTACION: MANUEL MEJIA

DPTO: CAUCA

LATITUD : 02° 25'N

AÑO: 1991

MPIO: EL TAMBO

LONGITUD: 76° 45'W

ALTITUD : 1700 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.7	22.8	17.6	90.0	.1	1.0	1.1	
2	14.4	21.9	17.4	87.7	0.0	1.6	1.6	6.0
3	15.2	23.0	17.9	88.3	0.0	2.6	2.6	6.2
4	15.8	22.8	19.2	86.0	0.0	.4	.4	5.5
5	16.0	23.2	18.5	83.0	0.0	0.0	0.0	7.9
6	15.7	23.4	18.6	80.7	0.0	1.3	1.3	7.6
7	16.0	23.0	18.6	86.3	2.8	0.0	2.8	4.7
8	14.8	24.0	18.6	85.0	0.0	0.0	0.0	7.3
9	15.1	24.7	19.9	84.7	0.0	0.0	0.0	6.7
10	15.6	23.7	19.3	89.0	.6	1.0	1.6	6.3
11	16.2	22.8	17.8	86.3	3.0	5.2	8.2	3.6
12	13.4	21.9	17.4	87.0	0.0	0.0	0.0	6.4
13	15.0	23.8	19.0	85.0	.2	3.2	3.4	8.2
14	15.8	22.2	17.6	88.3	3.8	9.5	13.3	3.0
15	15.0	23.0	17.5	92.0	.4	12.3	12.7	2.4
16	13.5	23.8	17.9	88.3	.4	9.4	9.8	5.4
17	14.5	23.4	17.4	88.3	21.6	0.0	21.6	1.8
18	15.5	22.4	17.7	86.0	9.0	1.5	10.5	5.5
19	15.0	22.5	17.5	87.3	5.0	18.3	23.3	4.7
20	14.8	20.5	17.0	87.0	1.1	0.0	1.1	2.0
21	14.9	23.0	17.3	87.3	6.9	.5	9.4	6.4
22	15.1	23.2	18.7	81.3	.5	.1	.6	7.5
23	14.0	24.9	18.5	84.0	0.0	0.0	0.0	7.5
24	13.2	25.0	18.8	79.3	0.0	0.0	0.0	8.0
25	14.8	22.5	18.3	83.7	0.0	0.0	0.0	3.6
26	13.0	23.4	18.9	69.0	0.0	0.0	0.0	7.3
27	14.0	23.3	19.3	75.3	0.0	0.0	0.0	4.0
28	15.5	24.2	19.7	81.3	0.0	0.0	0.0	6.9
29	13.0	24.5	19.4	79.3	0.0	0.0	0.0	3.1
30	15.8	23.2	19.4	78.0	0.0	0.0	0.0	4.1
31	15.0	23.1	19.2	85.0	.2	0.0	.2	3.2
TOTAL					57.5	67.9	125.5	
PROMEDIO	14.8	23.2	18.4	84.5				

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.4	23.4	19.3	80.7	0.0	0.0	0.0	6.5
2	15.0	23.5	17.8	82.7	1.4	7.4	8.9	6.3
3	14.9	18.4	15.9	93.3	7.1	0.0	7.1	0.0
4	13.0	24.2	18.1	81.3	0.0	0.0	0.0	7.0
5	15.6	23.8	19.7	78.3	0.0	0.0	0.0	8.3
6	14.8	25.0	20.1	77.3	0.0	3.1	3.1	8.0
7	14.2	23.8	19.4	80.7	0.0	0.0	0.0	6.7
8	16.0	24.2	19.1	83.3	0.0	0.0	0.0	2.3
9	14.8	25.0	19.0	84.0	0.0	0.0	0.0	4.9
10	15.0	25.2	20.3	76.0	0.0	0.0	0.0	7.5
11	14.4	22.0	18.6	88.7	0.0	0.0	0.0	0.0
12	15.8	25.0	19.5	85.0	0.0	0.0	0.0	4.3
13	16.0	24.4	20.5	72.0	0.0	0.0	0.0	5.0
14	15.0	24.2	20.1	79.0	0.0	0.0	0.0	4.5
15	14.9	22.7	18.4	86.3	0.0	0.0	0.0	.9
16	15.2	24.0	19.3	86.3	2.3	0.0	2.3	3.8
17	15.0	25.0	20.3	77.2	0.0	2.0	2.0	6.4
18	16.0	25.2	19.2	84.0	7.0	.3	7.3	2.7
19	15.2	24.2	18.6	84.0	3.5	0.0	3.5	3.7
20	16.0	21.5	18.7	88.7	.4	0.0	.4	1.5
21	15.4	24.2	19.6	78.3	0.0	0.0	0.0	9.1
22	12.8	24.5	19.6	72.3	0.0	0.0	0.0	8.9
23	15.2	26.0	21.0	68.3	0.0	0.0	0.0	7.1
24	16.4	26.4	21.0	60.3	0.0	0.0	0.0	7.5
25	14.9	26.0	20.7	63.3	0.0	0.0	0.0	4.5
26	15.5	25.5	21.3	71.7	0.0	0.0	0.0	6.0
27	12.5	26.2	20.0	76.0	0.0	0.0	0.0	5.9
28	14.9	26.8	19.1	83.3	6.0	0.0	6.0	4.9
29								
30								
31								
TOTAL					28.2	12.3	41.0	144.2
PROMEDIO	15.0	24.3	19.4	79.4				

ESTACION: MANUEL MEJIA

DPTO: CAUCA

LATITUD : 02° 25'N

AÑO: 1991

MPIO: EL TAMBO

LONGITUD: 76° 45'W
ALTITUD : 1700 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	23.2	18.2	87.3	1.4	5.6	7.0	.5
2	15.9	25.0	17.8	84.3	23.2	.7	23.9	4.3
3	14.5	25.3	19.0	79.7	0.0	0.0	0.0	8.6
4	14.8	25.8	20.1	77.3	0.0	5.0	5.0	6.9
5	15.8	23.4	19.0	86.7	0.0	0.0	0.0	1.0
6	16.4	25.2	20.3	78.3	.1	18.4	18.5	4.1
7	16.0	25.0	19.3	85.3	21.1	5.7	26.8	4.3
8	14.9	25.2	19.6	81.3	0.0	0.0	0.0	7.9
9	16.0	26.9	18.5	82.0	54.8	14.5	69.3	4.4
10	15.9	23.0	17.8	90.3	.8	1.5	2.3	1.1
11	17.0	25.1	19.3	86.3	0.0	.1	.1	6.1
12	16.7	24.0	19.5	85.0	0.0	0.0	0.0	3.4
13	15.0	25.4	19.3	85.3	5.7	0.0	5.7	4.2
14	16.5	23.4	19.0	83.3	1.5	.5	2.0	2.4
15	14.0	24.4	19.2	87.3	4.2	36.1	40.3	2.6
16	15.7	25.4	18.4	81.3	13.1	1.1	14.2	5.0
17	15.5	24.5	18.6	84.7	15.5	0.0	15.5	8.2
18	16.8	23.9	19.8	86.7	0.0	0.0	0.0	6.8
19	16.2	25.2	20.5	82.7	0.0	0.0	0.0	8.0
20	14.8	25.4	19.7	83.7	4.6	0.0	4.6	7.2
21	13.5	24.8	19.4	83.7	0.0	0.0	0.0	4.3
22	16.4	21.9	18.8	89.0	.1	0.0	.1	1.9
23	14.0	24.2	18.0	85.7	17.3	10.7	28.0	4.7
24	15.8	22.6	17.9	88.7	.2	.1	.3	2.4
25	15.0	24.6	18.9	83.0	0.0	20.8	20.8	5.2
26	15.8	21.2	17.8	88.7	21.9	5.1	27.0	.8
27	15.0	22.4	17.3	91.7	3.3	49.4	53.2	1.3
28	14.9	22.1	17.2	85.7	1.3	0.0	1.3	1.1
29	15.5	24.4	18.7	82.3	0.0	0.0	0.0	4.6
30	15.9	24.7	17.6	85.3	23.6	.4	24.0	5.5
31	14.0	23.6	18.0	84.0	11.8	0.0	11.8	5.3
TOTAL PROMEDIO	15.5	24.2	18.8	84.7	226.0	175.7	401.7	134.1

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.8	23.4	18.3	83.3	.2	0.0	.2	5.1
2	15.0	25.0	19.7	76.3	0.0	0.0	0.0	8.8
3	14.0	24.5	19.4	80.3	0.0	0.0	0.0	6.0
4	13.8	24.4	19.6	84.0	0.0	0.0	0.0	6.0
5	13.5	24.2	17.9	86.3	.2	0.0	.2	5.5
6	12.5	25.2	17.9	85.7	1.0	0.0	1.0	5.0
7	14.0	26.0	20.5	79.0	0.0	0.0	0.0	6.2
8	16.0	23.0	18.3	86.3	.9	41.7	42.6	1.5
9	15.4	22.5	18.2	90.7	2.0	0.0	2.0	2.6
10	16.0	25.4	17.5	82.7	15.9	0.0	15.9	3.1
11	15.0	26.3	19.7	85.3	0.0	10.1	10.1	4.2
12	15.1	24.9	18.1	83.3	.3	0.0	.3	4.8
13	15.9	21.5	17.3	91.7	6.4	0.0	6.4	.5
14	15.8	24.0	18.1	86.7	.1	7.1	7.2	6.1
15	14.0	25.0	18.4	83.3	0.0	.1	.1	6.8
16	14.8	24.9	19.8	80.7	0.0	0.0	0.0	8.8
17	15.2	22.0	17.3	83.3	1.4	0.0	1.4	1.0
18	11.6	24.1	18.7	87.7	0.0	0.0	0.0	10.3
19	15.5	26.2	19.7	81.3	0.0	0.0	0.0	5.8
20	14.9	24.9	20.2	75.3	0.0	0.0	0.0	
21	14.7	26.3	21.3	66.0	.6	0.0	.6	
22					0.0	.4	.4	
23					0.0	.3	.3	
24					0.0	.6	.6	
25								
26								
27								
28								
29								
30								
31								
TOTAL PROMEDIO								

ESTACION: MANUEL MEJIA

DPTO: CAUCA

LATITUD : 02° 25'N

AÑO: 1991

MPIO: EL TAMBO

LONGITUD: 76° 45'W

ALTITUD : 1700 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1								
2								
3								
4								
5								
6	13.8	24.4	19.7	79.7	0.0	0.0	0.0	.2
7	13.0	22.5	18.1	85.7	0.0	0.0	0.0	6.0
8	15.5	25.5	20.4	82.0	0.0	0.0	0.0	6.9
9	15.4	24.0	19.9	82.7	0.0	0.0	0.0	1.5
10	14.5	25.5	20.0	80.7	0.0	0.0	0.0	4.2
11	16.0	26.2	20.2	81.3	0.0	0.0	0.0	
12	16.7	25.2	18.7	82.3	4.0	0.0	4.0	
13					.3	0.0	.3	
14	16.7	24.2	19.9	86.7	.1	.6	.7	4.3
15	16.8	24.3	19.1	91.0	0.0	0.0	0.0	2.2
16	16.0	23.8	19.1	92.7	.8	0.0	.8	3.7
17	16.1	19.8	17.2	94.0	2.8	4.7	7.5	
18	15.2	21.7	17.5	89.0	.1	13.3	13.4	
19	15.1	23.4	18.2	86.0	.9	1.5	2.4	
20	15.5	22.5	18.0	87.0	.1	9.9	10.0	1.3
21	14.1	23.3	18.0	85.7	3.3	2.3	5.6	1.0
22	14.2	20.1	16.1	91.0	7.2	.1	7.3	1.0
23	13.4	23.0	17.5	88.3	1.1	.2	1.3	2.5
24	16.0	22.8	17.9	87.3	31.3	.1	31.4	
25	14.9	25.8	19.4	83.3	0.0	14.7	14.7	
26	15.0	25.9	19.5	83.0	0.0	0.0	0.0	
27	16.4	25.5	21.0	78.7	0.0	0.0	0.0	7.1
28	15.0	25.8	21.0	76.0	0.0	0.0	0.0	7.6
29	16.0	26.0	20.3	81.3	0.0	0.0	0.0	8.4
30	15.0	23.9	18.9	85.3	0.0	0.0	0.0	.8
31	15.1	22.3	17.6	92.0	2.3	0.0	2.3	.7
	=====	=====	=====	=====	=====	=====	=====	=====

TOTAL
PROMEDIO

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	25.4	18.6	82.7	5.4	0.0	5.4	
2	15.6	25.3	19.9	79.0	0.0	0.0	0.0	
3	16.4	26.0	20.1	80.7	0.0	0.0	0.0	
4	15.5	26.3	20.1	80.7	.6	2.6	3.2	6.1
5	17.0	23.0	19.0	90.0	0.0	0.0	0.0	
6	14.8	22.8	18.7	86.3	0.0	0.0	0.0	2.6
7	14.5	26.5	20.7	76.0	0.0	0.0	0.0	8.7
8	15.0	25.2	20.5	73.0	0.0	0.0	0.0	10.8
9	13.8	27.4	22.0	61.3	0.0	0.0	0.0	
10	14.0	26.0	21.2	75.7	0.0	0.0	0.0	
11	12.5	27.0	22.0	56.7	0.0	0.0	0.0	8.5
12	12.0	25.5	20.8	61.7	0.0	0.0	0.0	6.7
13	15.0	26.5	21.3	70.7	0.0	0.0	0.0	7.2
14	14.9	23.5	18.6	86.3	0.0	0.0	0.0	2.2
15	15.8	23.7	18.9	87.0	7.4	.3	7.7	4.3
16	15.9	23.0	17.8	89.7	19.9	.3	20.2	
17	16.0	26.2	19.0	83.7	0.0	0.0	0.0	3.1
18	14.0	26.5	20.6	84.0	0.0	0.0	0.0	6.0
19	16.6	25.2	20.1	84.3	0.0	0.0	0.0	5.3
20	14.0	25.1	19.0	84.0	0.0	0.0	0.0	5.4
21	15.2	23.9	18.4	90.0	0.0	0.0	0.0	
22	16.4	21.9	18.1	87.3	1.2	0.0	1.2	
23	16.6	24.8	18.5	82.0	.1	0.0	.1	
24	15.8	23.8	18.9	81.3	.1	1.2	1.3	3.7
25	15.5	23.5	18.0	87.0	0.0	0.0	0.0	3.4
26	15.0	23.0	18.4	85.0	.4	1.8	2.2	4.6
27	15.5	21.5	17.2	86.7	1.4	0.0	1.4	1.1
28	14.5	23.2	17.9	87.7	.5	1.1	1.6	3.7
29	15.8	22.4	18.9	80.0	1.1	0.0	1.1	6.5
30	13.8	21.8	17.2	86.3	0.0	0.0	0.0	
31								
	=====	=====	=====	=====	=====	=====	=====	=====

TOTAL
PROMEDIO

ESTACION: MANUEL MEJIA

DPTO: CAUCA

LATITUD : 02° 25'N

AÑO: 1991

MPIO: EL TAMBO

LONGITUD: 76° 45'W
ALTITUD : 1700 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.3	23.0	17.9	81.0	0.0	0.0	0.0	
2	12.5	25.0	18.2	78.7	0.0	0.0	0.0	3.9
3	13.5	24.8	20.4	63.3	0.0	0.0	0.0	5.7
4	13.4	24.7	19.6	76.3	0.0	0.0	0.0	4.5
5	12.5	23.8	16.8	89.7	18.9	0.0	18.9	1.3
6	14.0	22.1	17.1	92.3	7.8	.5	8.3	
7	16.0	23.7	18.5	87.3	5.2	0.0	5.2	
8	13.4	23.8	17.7	86.0	1.0	0.0	1.0	4.3
9	12.0	25.9	19.5	76.7	0.0	0.0	0.0	7.6
10	14.5	24.6	18.8	83.3	.1	0.0	.1	3.2
11	13.6	22.8	18.6	78.7	0.0	0.0	0.0	.8
12	14.0	24.5	18.5	79.3	0.0	0.0	0.0	4.9
13	12.5	24.8	18.7	74.3	0.0	0.0	0.0	7.2
14	12.0	25.9	19.7	65.7	0.0	0.0	0.0	
15	14.7	26.2	20.6	59.7	0.0	0.0	0.0	6.1
16	15.0	25.6	21.0	62.3	0.0	0.0	0.0	7.6
17	11.5	23.0	18.4	69.3	0.0	0.0	0.0	3.4
18	11.0	25.0	19.1	70.3	0.0	0.0	0.0	7.7
19	14.8	25.8	20.1	67.7	0.0	0.0	0.0	
20	10.5	23.9	17.5	79.3	0.0	0.0	0.0	
21	13.8	23.8	19.3	74.0	.1	0.0	.1	
22	13.8	26.5	20.8	63.7	0.0	0.0	0.0	7.6
23	13.2	24.5	20.5	73.7	0.0	0.0	0.0	4.4
24	13.0	24.2	19.9	67.3	.4	0.0	.4	3.4
25	12.5	26.0	20.0	64.0	0.0	0.0	0.0	7.5
26	15.0	25.5	19.2	69.3	0.0	0.0	0.0	4.5
27	12.6	23.8	17.2	80.7	2.9	0.0	2.9	2.8
28	10.9	23.0	17.4	86.0	.2	.1	.3	4.1
29	15.5	23.4	18.3	91.7	2.9	.1	3.0	.5
30	15.6	23.0	17.7	83.0	1.6	16.6	18.2	2.5
31	14.2	18.6	16.3	92.3	3.6	2.9	6.5	0.0
TOTAL	====	====	====	====	44.7	20.2	64.9	====
PROMEDIO	13.3	24.2	18.8	76.4				

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.0	20.0	17.6	90.7	8.6	0.0	8.6	0.0
2	12.0	23.5	19.2	71.7	.1	0.0	.1	1.0
3	11.9	24.0	19.5	60.3	0.0	0.0	0.0	5.3
4	9.0	23.4	17.3	76.0	0.0	0.0	0.0	5.9
5	11.8	22.2	17.4	87.3	1.7	.5	2.2	1.3
6	12.0	24.8	18.7	82.0	.8	0.0	.8	5.2
7	13.7	22.4	16.9	91.7	4.2	1.8	6.0	4.4
8	14.8	20.6	16.5	90.0	4.3	.4	4.7	3.9
9	13.6	20.2	16.0	87.3	1.9	0.0	1.9	2.9
10	10.8	22.8	17.1	77.0	0.0	0.0	0.0	6.2
11	7.8	24.1	17.8	51.3	0.0	0.0	0.0	9.2
12	8.0	26.2	18.8	59.0	0.0	0.0	0.0	9.9
13	11.0	24.5	18.8	65.0	0.0	0.0	0.0	6.8
14	13.8	23.6	20.3	57.7	0.0	0.0	0.0	6.0
15	15.0	24.4	19.0	57.0	0.0	0.0	0.0	8.3
16	13.2	23.5	18.4	65.0	0.0	0.0	0.0	3.0
17	14.4	22.6	18.2	74.0	0.0	0.0	0.0	3.6
18	14.2	26.0	19.7	63.3	0.0	0.0	0.0	9.6
19	14.0	22.5	18.3	69.7	0.0	0.0	0.0	1.2
20	12.0	25.0	18.8	70.0	0.0	0.0	0.0	4.3
21	15.6	25.6	19.3	62.7	0.0	0.0	0.0	5.9
22	13.4	25.5	20.2	65.0	0.0	0.0	0.0	7.8
23	12.8	24.2	19.8	62.3	0.0	0.0	0.0	7.0
24	17.8	24.0	19.2	59.3	0.0	0.0	0.0	6.5
25	9.5	26.4	19.4	64.3	0.0	0.0	0.0	8.4
26	9.0	28.5	20.9	61.0	0.0	0.0	0.0	9.1
27	13.8	25.4	19.8	66.3	.4	0.0	.4	2.8
28	18.8	25.5	21.0	48.7	0.0	0.0	0.0	5.4
29	9.5	26.4	19.7	55.3	0.0	0.0	0.0	7.2
30	13.0	26.5	20.3	63.0	0.0	0.0	0.0	6.0
31	13.2	26.0	20.3	60.7	0.0	0.0	0.0	8.7
TOTAL	====	====	====	====	22.0	2.7	24.7	172.8
PROMEDIO	12.7	24.2	18.8	68.2				

ESTACION: MANUEL MEJIA

DPTO: CAUCA

LATITUD : 02° 25'N

AÑO: 1991

MPIO: EL TAMBO

LONGITUD: 76° 45'W

ALTITUD : 1700 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.6	25.5	20.0	64.0	0.0	0.0	0.0	2.5
2	9.2	28.0	20.2	61.0	0.0	0.0	0.0	9.3
3	9.5	26.8	19.6	64.7	0.0	0.0	0.0	5.6
4	10.0	29.0	20.4	61.3	0.0	0.0	0.0	9.0
5	9.8	27.9	20.1	61.3	0.0	0.0	0.0	8.1
6	12.5	27.5	20.4	66.0	0.0	0.0	0.0	7.3
7	12.0	29.0	21.1	65.3	0.0	0.0	0.0	8.8
8	12.8	28.5	19.5	68.3	0.0	0.0	0.0	6.5
9	11.6	27.2	20.8	60.7	0.0	0.0	0.0	6.2
10	13.5	28.2	20.1	63.3	0.0	0.0	0.0	8.2
11	18.0	26.0	21.2	48.0	0.0	0.0	0.0	9.3
12	17.1	25.9	21.1	48.7	0.0	0.0	0.0	6.9
13	11.5	25.6	21.1	59.3	0.0	0.0	0.0	6.2
14	9.2	25.4	18.5	78.7	0.0	0.0	0.0	5.9
15	14.0	24.9	18.3	82.3	.5	.1	.6	2.4
16	15.0	21.2	17.2	87.7	.8	.2	1.0	.8
17	15.2	23.3	18.3	87.3	2.7	15.2	18.9	1.6
18	14.8	23.2	17.7	89.7	.5	3.4	3.9	2.0
19	15.8	21.4	18.0	92.0	1.7	0.0	1.7	2.1
20	15.7	20.5	15.9	96.7	9.6	0.0	9.6	.8
21	13.0	24.2	17.4	84.7	1.9	15.7	18.6	4.4
22	14.0	22.2	17.8	86.3	0.0	13.6	13.6	3.1
23	14.1	25.2	18.3	84.0	0.0	0.0	0.0	3.0
24	15.5	23.2	18.5	83.7	1.5	0.0	1.5	1.0
25	12.0	25.2	17.6	80.3	4.0	1.5	5.5	3.3
26	13.5	26.4	18.1	81.3	6.9	13.3	20.2	5.9
27	14.5	25.0	18.6	84.3	14.0	.9	14.9	3.5
28	13.0	24.6	18.8	84.7	0.0	.2	.2	7.8
29	15.8	22.4	17.6	91.3	38.0	0.0	38.0	1.2
30	15.4	22.7	17.6	92.3	.8	3.7	4.5	2.5
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	13.4	25.2	19.0	75.3	82.9	69.8	152.7	145.2

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.6	21.0	16.6	94.7	10.1	.4	10.5	1.0
2	15.0	23.0	18.0	84.0	3.9	.3	4.2	3.6
3	15.2	24.2	19.0	85.3	0.0	0.0	0.0	4.9
4	13.2	23.2	18.0	88.3	0.0	0.0	0.0	5.4
5	12.2	25.4	17.6	81.7	51.0	0.0	51.0	6.6
6	15.4	23.0	17.3	86.3	5.4	.4	5.8	5.3
7	14.4	21.9	16.7	86.0	6.1	0.0	6.1	3.1
8	13.5	24.2	17.5	82.7	0.0	43.0	43.0	3.3
9	13.0	21.2	16.3	89.0	0.0	0.0	0.0	1.4
10	13.1	23.5	16.9	86.0	4.8	0.0	4.8	3.4
11	12.5	24.2	18.3	83.7	0.0	0.0	0.0	5.4
12	13.0	25.2	19.5	74.7	0.0	0.0	0.0	8.5
13	11.5	25.0	18.6	69.7	0.0	0.0	0.0	4.9
14	9.5	26.0	18.7	76.3	0.0	0.0	0.0	8.1
15	11.5	26.1	18.6	78.7	8.0	0.0	8.0	6.0
16	11.7	25.9	18.4	78.0	0.0	0.0	0.0	8.6
17	14.0	26.2	20.1	74.7	0.0	.2	.2	9.3
18	15.6	22.5	18.1	78.3	0.0	0.0	0.0	1.1
19	14.0	24.2	19.6	70.3	0.0	0.0	0.0	6.5
20	11.7	23.8	19.4	65.3	0.0	0.0	0.0	7.5
21	11.0	27.0	21.1	44.7	0.0	0.0	0.0	9.7
22	8.8	27.2	19.7	62.7	0.0	0.0	0.0	8.3
23	10.0	25.6	18.3	69.3	0.0	0.0	0.0	7.5
24	10.8	26.0	19.4	76.3	0.0	.2	.2	8.1
25	14.0	24.1	18.8	83.0	0.0	59.0	59.0	5.4
26	14.1	22.8	17.7	86.7	1.3	0.0	1.3	4.9
27	13.8	24.1	18.2	87.3	0.0	0.0	0.0	6.8
28	14.9	23.5	19.0	80.0	0.0	0.0	0.0	2.4
29	12.8	24.4	19.0	84.3	0.0	3.3	3.3	5.1
30	15.4	24.8	18.8	81.0	0.0	0.0	0.0	3.5
31	13.5	23.4	16.4	94.0	1.2	0.0	1.2	3.6
	====	====	====	====	=====	=====	=====	=====
TOTAL					91.8	106.8	198.6	169.4
PROMEDIO	13.1	24.3	18.4	79.5				

ESTACION: MANUEL MEJIA

DPTO: CAUCA

LATITUD : 02° 25'N

LONGITUD: 76° 45'W

AÑO: 1991

MPIO: EL TAMBO

ALTITUD : 1700 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.0	22.8	17.7	85.3	0.0	0.0	0.0	5.5
2	15.0	22.9	17.4	85.7	0.0	25.2	25.2	4.0
3	14.9	22.0	17.7	87.3	1.3	22.7	24.0	3.7
4	14.5	21.5	16.8	92.7	6.0	0.0	6.0	4.4
5	13.2	24.1	18.1	84.0	.6	0.0	.6	1.6
6	14.4	23.0	17.6	89.3	9.2	2.4	11.6	4.5
7	15.1	23.8	18.3	87.3	1.3	39.5	40.8	4.1
8	14.5	23.4	17.3	85.3	11.3	0.0	11.3	2.9
9	15.0	22.0	16.8	89.3	.4	1.0	1.4	.5
10	14.0	23.2	17.7	90.7	.2	19.7	19.9	3.1
11	14.2	22.8	18.1	90.0	.8	0.0	.8	3.9
12	15.7	24.0	18.7	85.3	0.0	32.9	32.9	6.6
13	14.8	23.2	17.8	87.0	6.8	5.8	12.6	3.2
14	14.7	22.2	17.9	86.0	.8	10.8	11.6	2.6
15	14.1	21.5	16.5	87.0	5.2	0.0	5.2	2.1
16	14.0	23.0	18.1	80.7	.2	.5	.7	5.8
17	14.8	24.2	17.0	82.7	45.2	.1	45.3	4.9
18	11.8	24.0	17.8	84.0	1.4	.1	1.5	7.1
19	15.4	24.5	17.4	85.3	6.9	0.0	6.9	7.8
20	15.0	24.2	18.5	83.3	3.1	0.0	3.1	5.0
21	15.3	23.4	17.9	86.3	3.6	1.1	4.7	4.3
22	15.0	23.5	18.7	83.3	0.0	0.0	0.0	7.0
23	16.2	25.2	19.2	81.0	5.0	5.0	10.0	6.3
24	16.0	23.5	17.6	88.0	.5	.7	1.2	5.8
25	14.1	23.0	18.1	88.3	22.9	6.0	28.9	1.4
26	16.1	25.0	18.5	84.7	2.4	0.0	2.4	4.9
27	16.9	22.0	18.9	91.3	.1	1.6	1.7	1.2
28	16.6	23.4	19.4	87.0	0.0	0.0	0.0	3.0
29	16.0	23.6	19.3	86.7	7.2	0.0	7.2	2.3
30	14.5	23.8	18.8	84.3	1.2	0.0	1.2	5.0
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	14.3	23.3	18.0	86.3	143.6	175.1	318.7	120.5

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	25.2	19.1	81.7	.9	0.0	.9	5.9
2	16.0	23.5	18.2	87.7	5.0	0.0	5.0	4.2
3	15.2	24.5	17.8	86.3	1.8	2.5	4.3	4.5
4	16.2	24.7	19.0	88.3	1.2	3.3	4.5	5.6
5	15.2	21.8	17.3	91.3	0.0	.3	.3	1.9
6	14.2	23.8	17.6	84.0	11.2	0.0	11.2	4.4
7	13.0	23.9	18.3	89.3	0.0	0.0	0.0	5.9
8	15.2	24.6	19.3	83.3	4.7	3.0	7.7	4.2
9	16.0	23.0	17.7	91.3	1.5	34.8	36.3	3.2
10	15.2	24.0	17.6	87.3	2.4	0.0	2.4	3.9
11	15.0	23.2	18.4	88.0	0.0	0.0	0.0	5.6
12	16.4	25.0	19.1	82.0	.4	0.0	.4	6.7
13	16.2	22.2	18.0	90.7	5.0	3.3	8.3	1.4
14	15.0	22.4	17.7	87.3	.5	5.0	5.5	3.5
15	16.0	21.2	18.0	90.0	2.0	27.6	29.6	2.8
16	15.0	22.3	17.8	87.7	2.5	.4	2.9	5.1
17	15.5	21.0	17.1	88.7	1.8	11.9	13.7	1.6
18	13.8	23.2	17.4	87.7	14.2	0.0	14.2	6.3
19	15.0	21.9	17.6	90.0	0.0	1.0	1.0	3.7
20	16.0	23.8	19.0	85.3	0.0	0.0	0.0	7.5
21	14.0	24.1	17.8	85.3	0.0	1.9	1.9	6.3
22	16.0	22.2	18.0	88.0	7.1	13.0	20.1	3.0
23	15.2	23.2	18.7	88.7	0.0	16.5	16.5	5.9
24	15.0	23.1	18.6	86.0	.6	0.0	.6	7.0
25	16.1	22.8	19.1	85.3	0.0	0.0	0.0	7.4
26	16.0	23.4	18.1	84.3	1.0	0.0	1.0	9.1
27	15.5	23.0	17.9	84.7	0.0	0.0	0.0	6.5
28	14.4	23.6	17.1	85.7	6.3	25.1	31.4	6.9
29	13.0	23.2	16.8	86.7	.5	0.0	.5	6.3
30	11.8	23.0	17.1	88.0	0.0	0.0	0.0	4.1
31	14.0	24.9	18.9	81.0	0.0	0.0	0.0	9.0
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	15.1	23.3	18.0	86.8	70.6	149.6	220.2	159.4

Estación: MANUEL MEJIA

Dpto.: CAUCA

Latitud : 02° 25'N

Año: 1991

Mpio.: EL TAMBO

Longitud: 76° 45'W

Altitud : 1700 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Mín. Med.	Máx. Med.	Med.	Mín. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	14.8	23.2	18.4	13.0	25.0	84.5	125.5	19	
FEBRERO	15.0	24.3	19.4	12.5	26.8	79.4	41.0	9	144.2
MARZO	15.5	24.2	18.8	13.5	26.9	84.7	401.7	23	134.1
ABRIL									
MAYO									
JUNIO	15.1	24.5	19.3	12.0	27.4	80.9	45.4	11	
JULIO	13.3	24.2	18.8	10.5	26.5	76.4	64.9	12	
AGOSTO	12.7	24.2	18.8	7.8	28.5	68.2	24.7	8	172.8
SEPTIEMBRE	13.4	25.2	19.0	9.2	29.0	75.3	152.7	15	145.2
OCTUBRE	13.1	24.3	18.4	8.8	27.2	79.5	198.6	14	169.4
NOVIEMBRE	14.8	23.3	18.0	11.8	25.2	86.3	318.7	27	120.5
DICIEMBRE	15.1	23.3	18.0	11.8	25.2	86.8	220.2	24	159.4
PROMEDIO									
ABSOLUTA									
TOTAL									

ESTACION: LA CAMPIÑA

DPTO: CAUCA

LATITUD : 02° 24'N

AÑO: 1991

MPIO: TIMBIO

LONGITUD: 76° 40'W
ALTITUD : 1800 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.8	25.5	17.2	88.0	5.4	5.3	10.7	2.6
2	13.9	23.9	18.2	88.3	0.0	3.9	3.9	6.1
3	15.5	24.9	18.8	87.7	.9	7.5	8.4	4.8
4	15.7	25.0	19.4	88.7	.1	0.0	.1	5.4
5	15.4	24.8	18.7	85.7	0.0	0.0	0.0	8.0
6	13.8	25.2	19.0	85.3	.6	.1	.7	7.2
7	14.9	24.7	18.4	86.0	1.2	0.0	1.2	4.6
8	13.4	26.3	19.5	85.3	0.0	0.0	0.0	8.2
9	14.6	26.2	19.5	85.3	0.0	0.0	0.0	4.7
10	15.4	27.0	19.9	84.7	0.0	15.5	15.5	4.6
11	16.4	24.6	18.1	88.7	5.8	5.7	11.5	3.7
12	13.7	24.3	18.1	87.7	0.0	0.0	0.0	6.4
13	14.9	26.2	19.7	85.3	2.3	.8	3.1	6.1
14	15.9	24.3	17.8	87.3	45.4	5.1	50.5	5.0
15	14.4	23.5	17.8	85.3	1.0	15.5	16.5	1.6
16	13.8	25.5	18.6	84.7	.6	2.3	2.9	5.6
17	14.2	25.0	17.8	85.3	60.4	0.0	60.4	1.4
18	14.0	24.2	17.8	87.3	4.4	1.1	5.5	5.1
19	14.4	23.0	17.6	89.0	0.0	1.1	1.1	2.4
20	15.0	23.1	17.9	90.7	1.7	0.0	1.7	2.1
21	14.7	25.8	17.9	85.7	10.1	.9	11.0	6.3
22	14.5	24.3	18.9	86.7	0.0	0.0	0.0	7.7
23	11.8	26.8	18.7	84.0	0.0	0.0	0.0	7.9
24	12.8	26.9	19.8	74.7	0.0	0.0	0.0	6.2
25	14.8	23.9	18.5	85.3	0.0	0.0	0.0	3.7
26	12.0	25.0	19.4	73.7	0.0	0.0	0.0	7.3
27	13.2	24.4	18.8	76.7	0.0	0.0	0.0	5.4
28	14.0	26.0	19.6	84.0	1.6	0.0	1.6	7.2
29	12.6	25.0	19.3	85.3	0.0	0.0	0.0	6.0
30	13.8	24.8	18.8	87.7	0.0	0.0	0.0	5.0
31	14.0	24.9	18.6	87.3	.8	0.0	.8	4.7
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	14.2	25.0	18.6	85.4	142.3	64.8	207.1	163.0

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.9	24.0	18.0	89.0	.9	0.0	.9	6.1
2	13.7	25.0	17.7	85.3	3.8	3.1	6.9	6.6
3	14.8	18.0	15.4	96.3	0.0	14.0	14.0	0.0
4	12.9	25.4	18.1	85.3	0.0	0.0	0.0	6.4
5	14.8	25.6	19.3	85.0	0.0	0.0	0.0	7.3
6	15.1	26.2	20.1	84.0	0.0	.4	.4	7.2
7	13.8	25.2	19.6	85.0	0.0	0.0	0.0	6.1
8	16.1	23.2	19.2	91.3	.1	0.0	.1	.5
9	14.8	26.1	18.9	84.7	5.6	0.0	5.6	3.2
10	14.7	27.2	20.5	83.0	0.0	0.0	0.0	8.9
11	14.2	25.0	19.2	85.3	0.0	0.0	0.0	
12	14.8	26.2	18.3	88.0	0.0	0.0	0.0	
13	15.4	23.8	19.0	90.0	0.0	0.0	0.0	4.8
14	15.3	26.2	20.7	74.0	.2	0.0	.2	4.0
15	15.4	26.4	20.2	77.0	0.0	0.0	0.0	1.5
16	15.2	26.2	20.8	69.3	.2	0.0	.2	3.3
17	15.4	25.7	20.3	71.0	0.0	0.0	0.0	6.5
18	15.5	24.8	19.9	81.3	1.4	5.4	6.8	1.7
19	15.4	26.6	19.8	85.7	.3	0.0	.3	4.0
20	15.5	22.8	18.6	90.0	0.0	0.0	0.0	2.3
21	15.2	24.5	20.2	85.3	0.0	0.0	0.0	9.1
22	15.4	25.2	19.8	88.0	0.0	0.0	0.0	5.2
23	14.1	23.2	18.7	89.3	0.0	0.0	0.0	7.2
24	15.4	25.0	20.1	85.3	0.0	0.0	0.0	4.8
25	14.0	24.5	19.2	76.7	0.0	.1	.1	4.5
26	15.6	25.3	20.5	69.0	0.0	0.0	0.0	4.9
27	14.1	27.0	19.5	76.3	0.0	0.0	0.0	4.2
28	14.0	27.2	18.3	80.7	20.1	0.0	20.1	8.7
29								
30								
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	14.8	25.1	19.3	83.3	32.6	23.0	55.6	

ESTACION: LA CAMPIÑA

DPTO: CAUCA

LATITUD : 02° 24'N

AÑO: 1991

MPIO: TIMBIO

LONGITUD: 76° 40'W

ALTITUD : 1800 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	23.0	17.5	89.3	2.6	19.4	22.0	.2
2	14.9	24.2	17.5	82.0	29.0	1.7	30.7	3.5
3	13.8	26.0	18.3	78.7	13.8	0.0	13.8	8.1
4	14.0	26.7	19.5	73.7	0.0	4.2	4.2	6.3
5	15.1	23.0	19.1	85.0	2.3	.4	2.7	.4
6	15.8	26.0	19.5	87.0	4.8	4.6	9.4	4.1
7	15.5	24.4	19.0	82.7	8.0	7.3	15.3	3.7
8	14.8	26.0	19.1	82.3	1.0	0.0	1.0	7.7
9	15.0	25.2	19.6	81.3	18.9	5.8	24.7	2.9
10	15.6	21.8	17.6	89.3	9.4	.9	10.3	.4
11	14.8	25.1	18.8	85.3	1.9	0.0	1.9	4.5
12	14.9	24.7	19.1	81.7	0.0	0.0	0.0	2.0
13	15.0	25.0	19.0	83.7	34.4	0.0	34.4	2.3
14	14.9	22.0	18.2	86.7	4.0	6.2	10.2	2.1
15	14.1	24.9	18.6	83.7	1.0	16.3	17.3	2.3
16	14.9	26.0	17.8	82.0	6.8	0.0	6.8	6.0
17	15.0	25.5	18.5	84.0	4.6	4.2	8.8	6.7
18	15.8	25.0	19.0	85.0	0.0	0.0	0.0	6.4
19	14.6	25.5	20.0	80.3	0.0	0.0	0.0	7.8
20	13.0	26.2	19.8	77.0	0.0	0.0	0.0	7.0
21	13.8	25.5	19.0	80.3	0.0	0.0	0.0	4.5
22	15.8	22.6	18.6	84.0	0.0	0.0	0.0	1.3
23	13.0	26.0	17.8	82.0	20.4	.8	21.2	4.4
24	15.5	24.8	18.0	85.0	3.3	0.0	3.3	2.5
25	14.5	25.9	19.0	82.0	0.0	2.1	2.1	4.9
26	15.4	21.6	18.1	84.3	9.4	2.3	11.7	.9
27	14.8	23.2	17.0	87.0	8.6	32.2	40.8	2.9
28	14.0	23.9	17.4	87.0	.5	1.3	1.8	1.4
29	14.7	25.0	17.9	80.7	14.6	.2	14.8	3.6
30	14.2	25.2	17.2	84.0	9.0	.5	9.5	5.6
31	14.1	22.5	16.9	83.3	3.2	0.0	3.2	3.8
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	14.7	24.6	18.4	83.2	211.5	110.4	321.9	120.2

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.0	24.2	17.4	78.7	.1	0.0	.1	4.4
2	14.1	26.0	19.1	73.7	0.0	0.0	0.0	9.8
3	14.0	24.9	19.1	78.0	0.0	0.0	0.0	5.8
4	14.2	25.4	19.6	81.0	0.0	0.0	0.0	5.4
5	14.0	24.8	17.8	84.3	1.5	0.0	1.5	5.2
6	14.1	25.2	18.6	82.7	1.8	0.0	1.8	5.7
7	14.2	24.7	19.1	79.3	.7	0.0	.7	5.2
8	14.5	22.5	17.4	91.3	.9	.1	1.0	1.2
9	15.1	23.3	18.0	85.7	.5	0.0	.5	2.1
10	15.0	24.0	17.0	85.3	43.7	0.0	43.7	2.9
11	14.2	25.7	19.8	82.0	0.0	4.8	4.8	4.7
12	14.5	24.2	18.0	81.7	.3	0.0	.3	4.1
13	15.0	22.1	16.4	93.7	3.1	0.0	3.1	.8
14	14.8	24.8	17.6	85.7	3.8	20.8	24.6	5.1
15	13.5	21.0	16.4	86.7	9.5	0.0	9.5	5.9
16	14.8	25.0	20.1	79.7	0.0	0.0	0.0	8.7
17	14.9	22.2	17.0	82.0	4.2	0.0	4.2	1.2
18	10.8	25.6	19.3	80.3	0.0	.7	.7	4.4
19	13.8	25.5	19.1	79.7	0.0	0.0	0.0	4.9
20	13.9	24.8	19.9	69.0	0.0	0.0	0.0	10.1
21	14.2	25.3	20.9	60.0	0.0	0.0	0.0	7.1
22	14.6	26.2	19.0	80.0	0.0	0.0	0.0	4.0
23	14.1	24.5	19.7	78.7	.5	.7	1.2	3.9
24	15.6	25.9	19.4	77.3	0.0	0.0	0.0	4.3
25	12.8	23.4	18.3	82.0	.1	0.0	.1	5.0
26	13.4	25.4	18.6	81.7	.3	0.0	.3	5.3
27	13.8	24.0	18.2	83.3	21.4	0.0	21.4	1.8
28	15.2	23.2	17.7	94.0	3.5	.5	4.0	1.8
29	13.7	24.9	18.3	84.3	27.3	0.0	27.3	4.8
30	14.2	23.4	17.9	86.3	1.3	.8	2.1	4.8
31	====	====	====	====	====	====	====	====
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	14.1	24.4	18.5	81.6	124.5	28.4	152.9	140.4

ESTACION: LA CAMPIÑA

DPTO: CAUCA

LATITUD : 02° 24'N

LONGITUD: 76° 40'W

AÑO: 1991

MPIO: TIMBIO

ALTITUD : 1800 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	23.4	18.6	83.3	2.2	0.0	2.2	1.6
2	14.0	25.1	19.3	88.3	1.0	.7	1.7	4.2
3	16.8	25.5	18.8	84.3	24.5	1.7	26.2	2.2
4	15.4	23.0	18.3	87.0	0.0	0.0	0.0	2.0
5	15.0	23.8	18.3	82.7	.6	.1	.7	6.6
6	14.1	25.1	19.1	79.0	.1	0.0	.1	.5
7	14.0	23.4	18.3	81.7	0.0	0.0	0.0	7.0
8	14.8	26.6	20.0	78.0	0.0	0.0	0.0	1.8
9	14.2	25.0	19.7	79.3	0.0	0.0	0.0	2.9
10	14.4	26.2	20.0	76.0	.1	.2	.3	5.9
11	16.8	27.2	21.3	54.0	0.0	0.0	0.0	2.9
12	14.9	24.2	18.2	85.7	4.3	0.0	4.3	3.1
13	16.0	25.0	18.7	84.7	4.4	0.0	4.4	4.9
14	14.8	24.9	18.5	85.0	.5	.5	1.0	2.0
15	16.0	24.8	18.4	90.0	0.0	0.0	0.0	4.4
16	15.0	24.4	18.8	86.7	.7	0.0	.7	0.0
17	15.8	19.2	17.0	92.7	4.3	5.0	9.3	1.0
18	14.9	21.4	17.4	90.0	0.0	28.4	28.4	1.7
19	14.7	23.0	17.2	93.0	.6	.9	1.5	1.6
20	15.2	22.9	17.7	92.7	1.6	17.3	18.9	1.2
21	13.8	22.4	17.2	89.0	2.1	1.0	3.1	.3
22	14.5	19.8	16.2	89.0	5.3	0.0	5.3	1.7
23	14.1	22.2	17.3	88.7	1.9	.1	2.0	.4
24	14.8	21.8	17.0	88.3	2.4	0.0	2.4	0.0
25	13.4	28.2	20.2	73.7	0.0	0.0	0.0	5.1
26	15.8	26.5	19.7	79.3	0.0	0.0	0.0	6.8
27	14.8	27.2	20.8	79.0	0.0	0.0	0.0	7.1
28	16.4	27.0	21.5	74.7	0.0	0.0	0.0	7.0
29	15.2	27.8	20.0	72.3	.4	0.0	.4	.4
30	14.8	22.5	18.7	86.3	.3	0.0	.3	2.4
31	14.4	22.4	17.8	90.3	21.9	0.0	21.9	1.9
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	15.0	24.3	18.7	83.4	79.2	55.9	135.1	90.6

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.7	24.4	19.0	82.3	0.0	0.0	0.0	2.9
2	14.2	26.3	19.8	81.0	.7	0.0	.7	4.9
3	14.0	26.2	19.5	81.3	.3	0.0	.3	4.1
4	15.7	26.5	19.8	78.7	0.0	.4	.4	4.8
5	16.4	22.8	18.6	90.7	7.8	0.0	7.8	6.9
6	13.4	22.2	18.3	86.7	0.0	0.0	0.0	8.1
7	14.9	26.3	21.5	63.7	0.0	0.0	0.0	
8	13.9	25.9	20.5	69.0	.3	0.0	.3	3.1
9	14.9	27.2	22.0	56.3	0.0	0.0	0.0	7.0
10	14.5	26.1	20.4	63.3	0.0	0.0	0.0	5.9
11	16.4	28.5	21.8	46.7	0.0	0.0	0.0	8.0
12	14.1	27.0	21.2	50.0	0.0	0.0	0.0	7.4
13	15.0	25.2	20.3	66.7	6.0	.6	6.6	
14	14.7	24.0	18.6	87.3	17.5	1.3	18.8	1.7
15	15.8	23.5	18.0	87.3	0.0	0.0	0.0	2.4
16	15.6	23.2	17.3	92.0	0.0	0.0	0.0	
17	15.0	28.0	19.6	80.0	0.0	0.0	0.0	
18	13.6	27.0	20.8	79.0	0.0	0.0	0.0	4.4
19	15.9	24.2	19.5	82.0	4.3	0.0	4.3	4.4
20	13.0	25.6	18.8	82.7	0.0	0.0	0.0	4.9
21	14.8	23.0	18.5	90.0	.7	0.0	.7	1.1
22	15.4	21.8	17.8	89.7	4.3	0.0	4.3	.9
23	14.4	24.2	18.3	84.3	.3	0.0	.3	5.0
24	14.9	24.7	18.8	82.0	0.0	1.4	1.4	2.6
25	14.8	24.1	17.7	88.0	.3	0.0	.3	5.8
26	13.5	22.4	17.7	85.3	.2	0.0	.2	2.5
27	14.6	22.0	17.0	90.0	2.4	0.0	2.4	4.0
28	13.7	24.0	17.8	88.0	.5	3.3	3.8	.5
29	14.9	22.4	17.8	79.7	1.0	0.0	1.0	2.1
30	14.0	22.8	19.2	78.7	0.0	0.0	0.0	1.5
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	14.7	24.7	19.2	78.7	46.6	7.0	53.6	

ESTACION: LA CAMPIÑA

DPTO: CAUCA

LATITUD : 02° 24'N

AÑO: 1991

MPIO: TIMBIO

LONGITUD : 76° 40'W

ALTITUD : 1800 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.9	24.3	18.2	74.7	0.0	0.0	0.0	5.1
2	13.5	25.4	18.4	77.7	2.4	2.1	4.5	2.6
3	12.4	25.0	19.0	66.3	0.0	0.0	0.0	5.7
4	13.6	25.4	19.8	74.3	0.0	0.0	0.0	3.9
5	12.6	25.0	17.0	83.0	6.5	0.0	6.5	1.6
6	13.8	21.3	16.5	90.3	4.5	.9	5.4	1.2
7	13.6	23.1	17.8	85.3	3.0	0.0	3.0	3.1
8	12.4	22.6	17.9	89.3	2.1	0.0	2.1	4.1
9	14.0	25.8	19.3	64.7	0.0	0.0	0.0	4.5
10	14.2	26.0	19.1	75.7	0.0	0.0	0.0	7.4
11	13.0	24.0	18.3	78.0	0.0	.3	.3	5.7
12	13.4	24.4	17.9	79.3	0.0	0.0	0.0	.2
13	12.6	24.9	19.0	73.7	0.0	0.0	0.0	4.1
14	11.6	24.3	18.7	60.7	0.0	0.0	0.0	4.8
15	15.7	23.8	20.1	59.3	0.0	0.0	0.0	
16	14.8	25.5	19.7	55.0	0.0	0.0	0.0	
17	13.1	22.5	18.3	62.7	0.0	0.0	0.0	3.7
18	11.2	25.6	18.8	69.3	0.0	0.0	0.0	5.9
19	15.4	25.2	19.8	64.7	0.0	0.0	0.0	3.0
20	10.0	25.1	17.7	75.0	0.0	0.0	0.0	1.8
21	13.4	24.9	19.3	71.0	0.0	0.0	0.0	8.0
22	12.0	27.4	19.8	60.0	0.0	0.0	0.0	4.4
23	12.6	27.1	20.3	62.3	0.0	0.0	0.0	8.6
24	13.4	25.1	20.4	60.7	.2	0.0	.2	3.1
25	13.1	26.0	19.3	64.3	0.0	0.0	0.0	.5
26	13.2	26.5	19.3	60.3	0.0	0.0	0.0	.7
27	12.6	24.9	17.8	78.3	3.7	0.0	3.7	2.4
28	11.5	24.5	18.1	84.7	.5	0.0	.5	4.1
29	15.0	21.0	17.1	90.7	5.4	0.0	5.4	3.0
30	14.7	22.8	16.7	87.7	4.1	10.9	15.0	2.9
31	14.0	18.4	16.1	90.3	4.6	7.5	12.1	.2
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	13.2	24.4	18.5	73.2	37.0	21.7	58.7	

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.8	19.8	17.2	90.3	16.2	0.0	16.2	.5
2	12.0	23.2	18.3	66.7	0.0	0.0	0.0	1.3
3	14.9	23.0	19.2	46.7	0.0	0.0	0.0	3.1
4	11.0	24.4	18.6	66.7	0.0	0.0	0.0	6.0
5	11.4	22.6	17.5	83.7	4.4	0.0	4.4	1.6
6	13.8	25.1	18.8	80.7	0.0	0.0	0.0	5.6
7	14.0	24.8	18.6	88.0	0.0	0.0	0.0	2.9
8	14.8	21.4	17.1	81.0	.2	.7	.9	3.5
9	14.6	20.2	17.1	91.3	7.1	0.0	7.1	4.2
10	12.8	24.2	18.5	64.0	0.0	0.0	0.0	1.8
11	11.4	26.4	20.7	41.7	0.0	0.0	0.0	9.7
12	15.8	24.3	19.7	41.7	0.0	0.0	0.0	9.4
13	18.2	24.1	19.4	49.3	0.0	0.0	0.0	6.5
14	14.0	25.0	19.4	56.0	0.0	0.0	0.0	7.2
15	17.5	24.0	18.7	54.7	1.4	0.0	1.4	8.5
16	11.6	23.9	17.7	62.7	0.0	0.0	0.0	2.1
17	15.4	23.4	18.9	58.3	0.0	0.0	0.0	2.5
18	14.1	26.9	20.0	54.3	0.0	0.0	0.0	7.9
19	13.4	22.4	17.4	65.0	0.0	0.0	0.0	1.0
20	13.0	25.3	18.5	72.7	0.0	0.0	0.0	4.7
21	14.7	26.4	18.8	63.7	0.0	0.0	0.0	5.7
22	13.2	25.6	20.7	54.7	0.0	0.0	0.0	7.5
23	14.7	24.2	20.0	52.7	0.0	0.0	0.0	5.8
24	16.0	23.5	18.8	54.3	0.0	0.0	0.0	4.7
25	12.0	27.4	20.2	63.3	0.0	0.0	0.0	8.6
26	15.8	28.0	21.8	58.3	0.0	0.0	0.0	8.2
27	12.9	27.8	19.8	62.3	0.0	0.0	0.0	3.6
28	17.1	24.9	20.3	49.3	0.0	0.0	0.0	6.5
29	14.1	26.3	19.3	58.0	0.0	0.0	0.0	7.0
30	14.2	26.8	20.6	57.0	0.0	0.0	0.0	6.2
31	14.1	25.2	21.0	48.7	0.0	0.0	0.0	8.5
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	14.1	24.5	19.1	62.5	29.3	.7	30.0	162.3

ESTACION: LA CAMPIÑA

DPTO: CAUCA

LATITUD : 02° 24'N

LONGITUD: 76° 40'W

AÑO: 1991

MPIO: TIMBIO

ALTITUD : 1800 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	25.0	19.7	56.0	0.0	0.0	0.0	2.1
2	12.0	27.1	20.7	52.3	0.0	0.0	0.0	9.9
3	9.9	27.2	19.4	64.3	0.0	0.0	0.0	5.7
4	9.8	28.7	20.3	54.0	0.0	0.0	0.0	9.9
5	13.2	28.0	20.4	58.7	0.0	0.0	0.0	9.2
6	13.9	27.9	20.7	58.0	0.0	0.0	0.0	5.9
7	13.0	29.8	21.9	58.3	0.0	0.0	0.0	9.2
8	12.9	28.2	20.7	61.3	0.0	0.0	0.0	6.5
9	12.0	27.2	20.6	59.3	0.0	0.0	0.0	6.5
10	16.0	26.4	21.0	52.7	0.0	0.0	0.0	8.9
11	17.9	24.2	20.1	51.3	0.0	0.0	0.0	9.3
12	15.0	25.4	20.6	47.0	0.0	0.0	0.0	7.6
13	11.4	26.7	20.8	57.0	0.0	0.0	0.0	6.3
14	10.5	25.9	18.5	71.0	0.0	0.0	0.0	4.6
15	14.2	24.4	18.9	78.7	0.0	.2	.2	1.3
16	15.8	20.7	17.0	85.7	13.5	0.0	13.5	.5
17	14.7	23.7	19.0	86.0	11.8	3.6	15.4	2.5
18	14.0	22.6	17.6	83.3	5.9	2.5	8.4	2.1
19	15.7	21.9	17.8	82.0	2.5	0.0	2.5	1.0
20	15.1	21.0	15.8	95.3	13.0	.3	13.3	.6
21	14.1	23.0	17.4	83.3	2.5	2.2	4.7	4.1
22	14.4	21.9	18.0	85.7	.7	49.4	50.1	.8
23	14.1	24.5	18.4	79.3	.8	0.0	.8	2.1
24	14.7	23.0	17.7	84.0	5.6	0.0	5.6	.4
25	14.0	24.9	17.5	80.3	10.4	.1	10.5	2.0
26	14.1	26.0	18.6	79.3	5.6	5.5	11.1	5.5
27	14.8	25.8	18.7	80.0	0.0	.3	.3	1.4
28	14.4	25.4	18.2	80.7	3.5	.5	4.0	6.6
29	14.7	23.0	17.5	86.3	36.8	0.0	36.8	1.4
30	14.9	20.6	16.1	95.7	3.4	3.5	6.9	1.5
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	13.9	25.0	19.0	71.6	116.0	68.1	184.1	135.4

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	22.4	16.6	92.0	56.2	.4	56.6	1.3
2	14.0	23.4	17.7	87.0	19.4	0.0	19.4	4.1
3	14.2	25.5	18.6	81.7	0.0	.4	.4	4.1
4	14.1	23.2	17.8	79.0	.2	0.0	.2	5.4
5	14.2	26.1	18.0	77.3	8.0	.1	8.1	6.6
6	15.0	24.6	17.5	83.7	25.2	.2	25.4	4.5
7	14.9	22.9	17.7	83.3	1.0	0.0	1.0	3.2
8	13.0	25.1	17.9	79.7	3.4	.9	4.3	2.6
9	14.0	21.0	16.8	84.0	.1	0.0	.1	.9
10	14.2	23.9	17.0	81.0	2.6	0.0	2.6	3.3
11	14.4	26.0	19.3	61.7	0.0	0.0	0.0	6.5
12	14.3	26.8	20.0	62.3	0.0	0.0	0.0	
13	14.4	26.5	19.9	60.3	0.0	0.0	0.0	5.2
14	10.2	26.4	18.6	74.2	0.0	0.0	0.0	9.2
15	11.8	26.8	19.0	72.0	1.3	0.0	1.3	6.1
16	14.1	27.5	18.8	73.7	0.0	4.3	4.3	8.5
17	14.0	27.2	20.5	70.9	0.0	.1	.1	9.0
18	16.0	23.9	19.2	58.0	0.0	0.0	0.0	.8
19	14.8	25.9	19.5	65.0	0.0	0.0	0.0	5.8
20	14.5	26.2	20.0	59.0	0.0	0.0	0.0	7.1
21	13.6	27.6	20.3	46.3	0.0	0.0	0.0	10.0
22	10.0	28.0	19.5	57.0	0.0	0.0	0.0	6.9
23	14.0	27.8	20.1	59.7	0.0	0.0	0.0	8.2
24	12.0	28.2	19.2	73.7	0.0	0.0	0.0	7.4
25	12.8	25.4	19.0	74.0	0.0	4.8	4.8	5.3
26	14.6	23.4	17.5	79.3	.5	0.0	.5	3.2
27	14.1	24.6	19.6	75.3	0.0	0.0	0.0	3.7
28	14.2	24.3	19.3	76.7	0.0	0.0	0.0	2.2
29	12.8	24.9	19.3	74.0	0.0	0.0	0.0	4.4
30	15.1	23.9	18.5	83.7	1.7	0.0	1.7	2.5
31	14.0	23.8	16.1	91.3	3.2	0.0	3.2	3.1
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	13.8	25.3	18.6	73.4	122.8	11.2	134.0	

ESTACION: LA CAMPIÑA

DPTO: CAUCA

LATITUD : 02° 24'N

AÑO: 1991

MPIO: TIMBIO

LONGITUD: 76° 40'W
ALTITUD : 1800 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.1	24.8	18.8	77.7	0.0	0.0	0.0	4.5
2	15.0	23.4	18.0	82.0	0.0	21.5	21.5	3.8
3	14.5	23.0	18.2	85.3	1.9	20.6	22.5	2.9
4	14.8	22.9	16.6	83.7	3.6	0.0	3.6	.7
5	12.0	24.2	18.5	79.3	0.0	5.2	5.2	1.7
6	14.0	24.3	17.6	85.3	19.3	0.0	19.3	3.6
7	14.1	24.0	17.4	83.0	0.0	30.0	30.0	3.0
8	14.3	23.4	17.5	82.3	9.3	0.0	9.3	1.8
9	14.8	22.3	17.0	87.0	4.8	1.3	6.1	.5
10	14.0	23.9	18.0	87.0	.9	18.2	19.1	2.8
11	14.5	23.4	17.6	90.0	.9	1.5	2.4	3.4
12	15.1	25.9	17.5	83.7	48.4	77.1	125.5	6.4
13	14.0	24.0	17.9	82.3	8.3	8.1	16.4	2.7
14	14.5	23.0	18.0	86.7	0.0	34.0	34.0	2.5
15	13.4	22.4	16.5	86.7	6.2	.2	6.4	2.4
16	13.6	24.7	18.0	77.0	7.7	1.7	9.4	4.4
17	14.5	24.8	17.2	80.0	41.6	0.0	41.6	4.5
18	11.0	24.9	17.5	83.3	0.0	0.0	0.0	7.4
19	13.4	25.8	17.5	82.3	14.4	0.0	14.4	6.1
20	14.2	25.4	18.0	82.7	17.4	0.0	17.4	5.3
21	13.5	24.0	17.7	84.7	16.2	2.9	19.1	3.4
22	14.0	25.7	16.8	82.3	0.0	2.0	2.0	6.1
23	15.7	26.4	20.0	76.7	0.0	0.0	0.0	4.8
24	16.2	25.9	18.1	82.3	.2	.6	.8	3.4
25	14.0	22.4	18.1	85.3	.1	2.6	2.7	1.9
26	14.7	25.2	18.4	80.3	15.5	0.0	15.5	4.5
27	16.4	21.2	18.6	91.0	.8	.1	.9	.8
28	15.9	24.0	18.6	84.7	.9	0.0	.9	.9
29	14.0	23.8	18.5	81.0	0.0	0.0	0.0	.8
30	12.9	24.7	18.7	82.3	1.2	0.0	1.2	4.3
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	14.2	24.1	17.9	83.3	219.6	227.6	447.2	101.3

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	24.5	18.5	83.0	2.1	0.0	2.1	4.1
2	14.7	24.4	18.3	84.7	6.0	0.0	6.0	3.9
3	15.0	25.9	18.1	84.0	1.9	1.6	3.5	4.3
4	15.7	25.5	19.3	82.0	.4	5.3	5.7	5.1
5	15.0	21.0	17.4	88.0	1.6	.4	2.0	.4
6	14.1	23.9	18.3	83.0	1.3	0.0	1.3	2.8
7	14.0	24.4	18.9	87.3	0.0	0.0	0.0	6.1
8	15.6	25.1	18.8	80.7	3.6	2.1	5.7	3.5
9	15.8	24.7	18.1	85.3	52.0	0.0	52.0	2.8
10	15.0	23.9	17.4	85.7	19.6	0.0	19.6	2.8
11	14.1	24.2	18.6	81.3	0.0	0.0	0.0	6.3
12	15.0	26.0	19.4	77.7	1.8	0.0	1.8	5.8
13	15.8	24.7	17.7	88.7	10.4	.2	10.6	2.1
14	14.7	23.3	18.2	83.0	0.0	1.6	1.6	3.3
15	15.4	23.2	18.4	86.3	1.0	6.8	7.8	4.9
16	14.5	24.0	17.9	83.7	.9	3.5	4.4	3.2
17	15.0	21.9	17.2	85.3	.6	0.0	.6	.9
18	14.1	23.9	17.4	85.7	1.3	.2	1.5	4.4
19	14.0	23.6	17.5	88.0	.4	0.0	.4	3.8
20	14.8	25.0	19.1	78.0	0.0	0.0	0.0	5.7
21	12.7	25.5	18.1	80.3	.1	2.6	2.7	6.8
22	15.7	24.0	17.8	83.0	53.0	0.0	53.0	1.7
23	14.8	25.1	18.5	79.7	0.0	44.0	44.0	5.7
24	14.9	24.4	18.7	82.7	1.5	0.0	1.5	6.3
25	15.8	24.3	19.8	81.3	0.0	0.0	0.0	7.3
26	16.0	25.4	18.4	78.3	10.8	0.0	10.8	7.8
27	14.0	24.2	18.5	82.0	5.5	0.0	5.5	5.6
28	13.1	25.2	17.9	78.7	51.0	0.0	51.0	6.2
29	13.0	24.2	17.5	85.0	11.7	0.0	11.7	2.8
30	11.8	24.0	18.5	83.3	0.0	0.0	0.0	2.8
31	13.5	25.5	19.0	77.7	0.0	0.0	0.0	8.7
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	14.6	24.4	18.3	83.0	238.5	68.3	306.8	137.9

Estación: LA CAMPIÑA

Dpto.: CAUCA

Latitud : 02° 24'N

Año: 1991

Mpio.: TIMBIO

Longitud: 76° 40'W

Altitud : 1800 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	14.2	25.0	18.6	11.8	27.0	85.4	207.1	19	163.0
FEBRERO	14.8	25.1	19.3	12.9	27.2	83.3	55.6	12	
MARZO	14.7	24.6	18.4	13.0	26.7	83.2	321.9	25	120.2
ABRIL	14.1	24.4	18.5	10.8	26.2	81.6	152.9	21	140.4
MAYO	15.0	24.3	18.7	13.4	28.2	83.4	135.1	21	90.6
JUNIO	14.7	24.7	19.2	13.0	28.5	78.7	53.6	17	
JULIO	13.2	24.4	18.5	10.0	27.4	73.2	58.7	12	
AGOSTO	14.1	24.5	19.1	11.0	28.0	62.5	30.0	5	162.3
SEPTIEMBRE	13.9	25.0	19.0	9.8	29.8	71.6	184.1	16	135.4
OCTUBRE	13.8	25.3	18.6	10.0	28.2	73.4	134.0	17	
NOVIEMBRE	14.2	24.1	17.9	11.0	26.4	83.3	447.2	26	101.3
DICIEMBRE	14.6	24.4	18.3	11.8	26.0	83.0	306.8	25	137.9
PROMEDIO	14.3	24.6	18.7			78.5			
ABSOLUTA				9.8	29.8				
TOTAL							2087.0	216	

ESTACION: PUEBLO BELLO

DPTO: CESAR

LATITUD : 10° 25'N

AÑO: 1991

MPIO: VALLEDUPAR

LONGITUD: 73° 34'W

ALTITUD : 1000 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.0	25.4	19.9	81.7	0.0	0.0	0.0	
2	14.5	25.8	20.2	80.0	0.0	0.0	0.0	
3	14.0	26.4	20.7	78.0	0.0	0.0	0.0	
4	13.8	26.6	20.0	82.0	0.0	0.0	0.0	8.9
5	14.0	26.5	19.8	83.7	0.0	0.0	0.0	9.2
6	13.5	26.8	20.2	80.0	0.0	0.0	0.0	8.7
7	14.0	27.0	20.5	81.7	0.0	0.0	0.0	8.3
8	13.9	26.4	20.6	83.0	0.0	0.0	0.0	8.2
9	14.8	26.5	20.5	83.0	0.0	0.0	0.0	9.1
10	14.7	26.3	20.0	81.3	0.0	0.0	0.0	7.0
11	15.0	26.2	20.4	79.7	0.0	0.0	0.0	7.1
12	13.5	27.0	19.8	78.0	0.0	0.0	0.0	8.9
13	12.5	27.6	19.9	75.7	0.0	0.0	0.0	9.0
14	11.8	27.0	19.1	77.3	0.0	0.0	0.0	9.2
15	13.8	27.2	19.8	76.0	0.0	0.0	0.0	7.4
16	13.5	26.8	18.8	82.0	0.0	0.0	0.0	8.4
17	14.5	26.0	19.1	81.3	0.0	0.0	0.0	7.9
18	14.4	26.2	19.2	79.0	0.0	0.0	0.0	8.8
19	13.5	26.4	19.8	78.7	0.0	0.0	0.0	7.5
20	13.0	26.0	18.9	80.0	0.0	0.0	0.0	7.1
21	15.0	26.2	20.8	76.0	0.0	0.0	0.0	7.5
22	13.0	27.0	19.7	74.7	0.0	0.0	0.0	7.8
23	12.6	27.2	19.0	70.0	0.0	0.0	0.0	9.3
24	10.8	26.2	19.3	76.0	0.0	0.0	0.0	9.1
25	10.0	28.4	20.1	73.7	0.0	0.0	0.0	9.3
26	11.4	27.8	19.7	71.7	0.0	0.0	0.0	9.1
27	13.0	30.2	21.5	71.7	0.0	0.0	0.0	9.3
28	12.8	29.2	21.0	76.0	0.0	0.0	0.0	9.1
29	13.0	27.2	21.0	72.3	0.0	0.0	0.0	9.3
30	10.5	28.0	20.1	72.0	0.0	0.0	0.0	8.5
31	11.8	27.0	20.0	79.0	0.0	0.0	0.0	5.6
	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	13.2	26.9	20.0	77.9	0.0	0.0	0.0	

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	11.5	26.9	19.5	76.3	0.0	0.0	0.0	8.9
2	11.2	26.6	19.8	74.3	0.0	0.0	0.0	9.4
3	11.5	27.1	19.0	78.3	0.0	0.0	0.0	7.8
4	13.0	27.2	19.3	81.0	0.0	0.0	0.0	
5	12.9	27.0	20.8	75.0	0.0	0.0	0.0	7.2
6	13.2	28.0	20.5	75.3	0.0	0.0	0.0	6.6
7	14.2	27.9	21.6	74.3	0.0	0.0	0.0	7.5
8	14.8	26.0	21.0	77.0	0.0	0.0	0.0	7.0
9	16.9	27.3	21.6	74.7	0.0	.2	.2	7.8
10	15.6	28.3	22.0	76.0	0.0	0.0	0.0	2.8
11	16.8	26.2	20.6	86.3	.8	0.0	.8	4.3
12	16.9	27.0	21.7	81.3	0.0	0.0	0.0	7.3
13	15.0	28.0	22.0	77.3	0.0	0.0	0.0	8.9
14	16.4	29.1	22.6	70.7	0.0	0.0	0.0	9.0
15	16.8	28.2	22.5	81.3	0.0	1.1	1.1	
16	18.7	28.5	21.8	75.3	0.0	0.0	0.0	
17	14.5	27.5	21.4	68.3	0.0	0.0	0.0	8.7
18	12.2	28.4	20.4	71.0	0.0	0.0	0.0	10.0
19	12.6	29.4	21.5	69.0	0.0	0.0	0.0	9.6
20	13.1	27.9	20.2	74.3	0.0	0.0	0.0	6.7
21	12.8	28.2	21.8	71.0	0.0	0.0	0.0	9.6
22	16.8	29.1	22.8	72.7	0.0	0.0	0.0	6.8
23	16.0	29.4	23.3	74.3	1.1	0.0	1.1	6.9
24	16.1	29.8	21.0	78.7	15.7	0.0	15.7	4.9
25	16.8	30.8	21.9	80.3	13.9	.1	14.0	5.6
26	16.5	29.1	21.5	80.7	0.0	0.0	0.0	5.5
27	16.9	28.5	22.3	78.3	0.0	0.0	0.0	4.8
28	16.4	29.1	22.2	79.7	0.0	0.0	0.0	7.0
29								
30								
31								
	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	14.9	28.1	21.3	76.2	31.5	1.4	32.9	

ESTACION: PUEBLO BELLO

DPTO: CESAR

LATITUD : 10° 25'N

LONGITUD : 73° 34'W

AÑO: 1991

MPIO: VALLEDUPAR

ALTITUD : 1000 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.1	29.2	23.0	76.0	0.0	0.0	0.0	9.2
2	17.8	26.9	22.5	80.7	0.0	0.0	0.0	5.6
3	16.8	26.2	21.0	86.0	2.1	0.0	2.1	5.0
4	17.8	26.5	21.4	81.0	1.1	.4	1.5	4.2
5	18.7	23.2	20.1	92.0	0.0	0.0	0.0	
6	15.8	26.9	20.2	85.3	0.0	0.0	0.0	5.7
7	14.0	27.8	20.7	78.7	0.0	0.0	0.0	
8	14.8	27.6	20.1	79.3	0.0	0.0	0.0	6.3
9	16.0	26.8	20.5	83.3	0.0	17.0	17.0	5.9
10					0.0	0.0	0.0	4.4
11					0.0	0.0	0.0	5.1
12					.5	0.0	.5	3.8
13	14.9	27.9	21.1	79.7	15.0	0.0	15.0	6.8
14	16.8	29.2	23.5	80.0	3.4	.1	3.5	6.7
15	16.7	27.6	22.7	77.7	0.0	0.0	0.0	6.5
16	14.9	28.0	22.2	76.7	0.0	0.0	0.0	
17	14.0	27.8	22.1	75.0	0.0	0.0	0.0	8.4
18	17.0	27.2	22.2	72.7	0.0	0.0	0.0	9.4
19	13.6	28.0	19.5	77.0	0.0	0.0	0.0	9.6
20	12.0	28.2	20.0	65.3	0.0	0.0	0.0	9.9
21	10.8	27.2	20.1	68.7	0.0	0.0	0.0	9.3
22	13.6	28.4	20.9	72.3	0.0	0.0	0.0	8.9
23	12.8	27.9	19.3	71.7	0.0	0.0	0.0	9.8
24	11.4	28.5	21.5	66.3	0.0	0.0	0.0	9.8
25	13.5	28.0	20.1	75.7	0.0	0.0	0.0	7.3
26	16.2	27.0	20.7	75.7	1.7	0.0	1.7	6.2
27	13.0	26.0	20.9	75.3	0.0	0.0	0.0	5.4
28	15.0	27.5	21.3	76.7	0.0	0.0	0.0	7.2
29	17.0	26.0	21.4	82.7	0.0	0.0	0.0	5.7
30	18.0	27.0	22.0	80.0	0.0	0.0	0.0	6.3
31	16.5	29.8	21.4	79.7	0.0	0.0	0.0	8.4
=====					=====	=====	=====	=====
TOTAL PROMEDIO					23.0	17.5	41.3	

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.5	28.0	20.3	74.0	0.0	1.5	1.5	6.7
2	16.2	27.0	20.7	75.3	0.0	0.0	0.0	4.8
3	13.5	29.0	21.9	69.7	0.0	0.0	0.0	7.8
4	14.7	29.4	22.7	71.0	0.0	0.0	0.0	5.4
5	15.7	28.5	21.7	81.0	3.4	0.0	3.4	5.8
6	16.0	27.0	22.3	80.0	0.0	0.0	0.0	4.1
7	16.5	28.8	22.8	73.0	0.0	0.0	0.0	7.7
8	16.0	28.5	23.2	76.0	0.0	0.0	0.0	3.4
9	17.8	26.0	22.6	80.3	0.0	0.0	0.0	3.1
10	16.9	26.5	21.4	82.7	0.0	0.0	0.0	2.6
11	16.8	27.9	21.4	82.7	0.0	0.0	0.0	5.1
12	17.0	26.8	20.2	91.0	.5	0.0	.5	3.8
13	15.3	24.9	18.0	94.7	10.7	0.0	10.7	3.0
14	14.5	26.0	19.8	84.0	38.2	0.0	38.2	4.9
15	16.2	26.2	21.0	83.3	2.4	0.0	2.4	3.0
16	14.8	26.8	21.2	83.7	0.0	0.0	0.0	
17	14.0	26.6	20.8	84.0	5.5	0.0	5.5	
18	17.0	26.9	21.6	82.7	.5	1.1	1.6	.2
19	18.4	25.0	19.9	92.7	12.3	0.0	12.3	2.5
20	15.9	28.3	21.5	81.7	3.4	0.0	3.4	5.6
21	17.8	27.0	22.5	82.0	10.1	0.0	10.1	2.2
22	16.5	28.2	20.4	86.0	7.3	.2	7.5	3.0
23	16.8	27.3	21.5	87.7	0.0	0.0	0.0	3.5
24	19.7	26.3	23.2	85.0	0.0	0.0	0.0	3.2
25	16.0	28.2	22.5	82.7	0.0	0.0	0.0	7.9
26	14.7	27.1	21.0	82.7	0.0	0.0	0.0	6.5
27	16.0	26.8	21.3	83.7	1.6	.2	1.8	7.1
28	17.0	26.9	21.8	82.7	0.0	0.0	0.0	5.1
29	16.9	26.0	21.0	87.0	0.0	0.0	0.0	1.9
30	17.8	26.5	21.2	84.7	2.6	0.0	2.6	4.2
31								
=====					=====	=====	=====	=====
TOTAL PROMEDIO	16.2	27.1	21.4	82.2	98.5	3.0	101.5	

ESTACION: PUEBLO BELLO

DPTO: CESAR

LATITUD : 10° 25'N

AÑO: 1991

MPIO: VALLEDUPAR

LONGITUD: 73° 34'W
ALTITUD : 1000 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.7	26.3	22.0	83.3	0.0	0.0	0.0	1.6
2	18.0	28.4	21.1	84.0	12.6	.2	12.8	4.4
3	18.7	26.0	21.2	88.0	2.0	0.0	2.0	3.2
4	17.4	24.0	21.1	90.0	.2	.4	.6	1.6
5	18.0	24.9	21.3	90.3	3.7	24.7	28.4	2.0
6					0.0	0.0	0.0	4.8
7					0.0	0.0	0.0	6.9
8					0.0	0.0	0.0	3.5
9					21.1	.2	21.3	6.7
10	17.9	25.1	20.6	91.3	0.0	10.0	10.0	.4
11	17.2	26.1	21.3	85.0	1.1	52.4	53.5	4.6
12	16.5	25.0	21.2	87.3	0.0	0.0	0.0	.6
13	17.9	26.2	23.1	85.7	0.0	0.0	0.0	3.1
14	17.8	26.8	23.3	79.7	0.0	0.0	0.0	4.3
15	16.4	26.9	21.9	87.7	0.0	5.0	5.0	5.4
16	17.0	27.1	21.4	82.0	0.0	0.0	0.0	4.3
17	18.2	23.4	20.7	93.3	15.0	0.0	15.0	.7
18	18.4	23.8	20.5	88.7	0.0	0.0	0.0	4.4
19	17.1	25.1	21.7	87.3	0.0	0.0	0.0	
20	17.2	23.4	20.0	88.0	0.0	0.0	0.0	.1
21	17.0	24.5	20.8	87.3	0.0	0.0	0.0	5.8
22	16.9	26.2	21.3	87.3	1.2	0.0	1.2	6.3
23	16.2	25.5	21.3	87.7	0.0	0.0	0.0	6.6
24	16.0	25.9	21.0	83.0	0.0	0.0	0.0	3.9
25	16.4	26.2	21.5	84.7	0.0	0.0	0.0	6.1
26	16.1	29.0	22.5	83.3	0.0	45.0	45.0	6.3
27	17.5	27.2	21.5	81.7	0.0	0.0	0.0	9.8
28	16.0	29.0	23.1	76.7	0.0	0.0	0.0	8.2
29	16.8	30.4	24.0	73.3	0.0	5.8	5.8	4.3
30	18.8	24.8	22.0	86.3	.1	.6	.7	.2
31	18.9	25.9	22.7	83.3	9.7	0.0	9.7	2.5
TOTAL PROMEDIO	====	====	====	====	66.7	144.3	211.0	====

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	26.5	22.6	82.7	.1	12.1	12.2	6.9
2	18.4	27.3	23.4	82.3	0.0	0.0	0.0	8.0
3	19.0	24.4	21.8	86.7	.1	0.0	.1	6.5
4	16.0	24.0	21.2	84.7	0.0	0.0	0.0	7.8
5	17.8	23.8	21.6	84.7	0.0	8.7	8.7	3.6
6	18.8	23.4	21.5	88.0	0.0	0.0	0.0	0.0
7	18.6	23.2	21.8	84.3	0.0	.3	.3	4.7
8	16.8	29.4	23.7	76.7	.1	0.0	.1	10.4
9	17.0	30.0	22.5	80.7	0.0	0.0	0.0	6.9
10	18.0	28.0	22.1	84.7	6.2	0.0	6.2	4.7
11	17.2	29.5	23.0	79.0	0.0	0.0	0.0	7.5
12	16.9	30.1	22.6	81.3	0.0	0.0	0.0	6.0
13	17.0	29.4	22.2	81.3	.8	.1	.9	5.4
14	17.6	24.9	21.1	88.0	0.0	0.0	0.0	.4
15	15.5	25.9	20.0	86.0	67.9	1.8	69.7	5.4
16	16.2	24.9	21.6	89.7	0.0	4.9	4.9	5.1
17	18.8	24.5	20.0	87.3	34.0	17.7	51.7	.4
18	17.0	28.2	23.2	74.7	0.0	0.0	0.0	6.8
19	16.8	27.5	21.3	81.0	25.7	.1	25.8	3.4
20	16.9	27.2	22.1	81.7	0.0	0.0	0.0	3.3
21	18.0	27.5	23.0	81.0	0.0	.2	.2	7.2
22	18.2	24.9	20.6	82.7	0.0	0.0	0.0	2.5
23	18.7	26.9	21.3	82.7	0.0	0.0	0.0	5.1
24	19.0	27.0	22.6	79.7	0.0	0.0	0.0	4.3
25	17.8	26.5	21.5	85.3	.5	0.0	.5	3.4
26	17.1	25.2	21.6	86.3	0.0	0.0	0.0	1.8
27	18.0	24.9	20.9	82.0	0.0	4.1	4.1	8.0
28	17.8	26.0	21.3	83.3	8.9	.5	9.4	2.8
29	18.8	24.2	20.9	86.7	38.3	5.1	43.4	.4
30	16.8	27.0	21.7	78.7	0.0	0.0	0.0	5.0
31								
TOTAL PROMEDIO	====	====	====	====	182.6	55.6	238.2	143.7

ESTACION: PUEBLO BELLO

DPTO: CESAR

LATITUD : 10° 25'N

AÑO: 1991

MPIO: VALLEDUPAR

LONGITUD: 73° 34'W
ALTITUD : 1000 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	25.9	21.4	83.7	8.9	3.6	12.5	5.6
2	19.0	25.3	22.2	85.7	0.0	0.0	0.0	6.2
3	16.2	26.7	22.5	82.0	0.0	0.0	0.0	8.3
4	16.5	27.2	22.4	80.7	0.0	0.0	0.0	2.3
5	17.8	26.8	22.2	79.7	0.0	0.0	0.0	2.2
6	18.0	25.4	21.1	85.0	0.0	0.0	0.0	7.3
7	18.4	26.0	21.6	79.3	0.0	0.0	0.0	5.3
8	17.0	26.5	21.3	86.7	0.0	0.0	0.0	3.7
9	16.0	26.1	21.8	81.3	0.0	0.0	0.0	3.9
10	16.8	29.0	22.7	77.0	0.0	0.0	0.0	9.7
11	16.9	29.2	22.7	72.7	0.0	0.0	0.0	8.4
12	16.8	32.0	24.5	62.0	0.0	0.0	0.0	9.2
13	16.0	27.0	22.7	77.0	0.0	0.0	0.0	8.7
14	16.8	27.9	22.5	79.3	0.0	0.0	0.0	9.4
15	16.0	27.0	21.8	82.0	0.0	0.0	0.0	6.1
16	17.4	28.4	23.2	79.3	0.0	0.0	0.0	7.8
17	15.2	27.2	20.7	86.3	3.1	1.0	4.1	7.3
18	15.4	26.2	21.0	87.0	0.0	0.0	0.0	6.2
19	16.2	26.1	21.0	82.0	.4	0.0	.4	.3
20	14.9	28.2	23.1	77.3	0.0	0.0	0.0	7.1
21	16.0	24.8	21.6	82.0	0.0	.1	.1	.5
22	17.0	29.0	23.2	74.7	0.0	0.0	0.0	6.6
23	15.8	29.9	24.2	70.0	0.0	0.0	0.0	8.1
24	16.0	30.9	23.1	75.3	0.0	0.0	0.0	7.9
25	17.0	28.6	23.1	75.7	0.0	0.0	0.0	7.1
26	16.8	30.5	23.5	66.3	0.0	0.0	0.0	8.1
27	15.0	28.0	23.0	68.3	0.0	0.0	0.0	6.6
28	14.9	29.2	23.0	70.7	0.0	0.0	0.0	6.0
29	16.4	28.2	21.4	83.3	0.0	0.0	0.0	6.7
30	16.2	28.7	22.7	79.0	0.0	0.0	0.0	7.7
31	17.0	24.9	21.7	86.3	.1	1.1	1.2	3.0
TOTAL PROMEDIO	16.5	27.6	22.3	78.6	12.5	5.8	18.3	193.3

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.4	23.8	20.4	85.7	.3	.2	.5	.2
2	15.8	27.4	21.8	80.3	0.0	0.0	0.0	5.3
3	17.0	26.2	20.4	81.3	0.0	9.0	9.0	1.2
4	16.0	28.0	21.1	80.7	.6	.1	.7	6.1
5	16.8	26.2	22.8	82.0	0.0	.1	.1	7.8
6	16.0	27.5	21.5	76.7	0.0	0.0	0.0	3.6
7	15.5	28.9	22.7	78.7	0.0	0.0	0.0	2.2
8	17.2	29.0	23.3	69.3	0.0	0.0	0.0	9.1
9	17.6	27.0	21.7	80.3	1.2	0.0	1.2	5.8
10	16.0	25.4	22.1	80.7	0.0	0.0	0.0	3.0
11	17.8	29.0	22.9	71.7	0.0	0.0	0.0	9.2
12	16.4	28.5	22.6	71.0	0.0	0.0	0.0	2.2
13	16.2	29.9	23.7	71.3	0.0	0.0	0.0	5.3
14	16.8	30.0	24.1	72.3	0.0	0.0	0.0	7.1
15	17.2	30.8	25.0	70.7	0.0	.7	.7	7.7
16	18.2	30.0	23.8	76.2	0.0	.2	.2	7.0
17	16.8	28.8	21.0	78.7	3.1	.1	3.2	7.5
18	19.0	26.0	20.7	79.7	5.2	1.6	6.8	2.7
19	18.2	28.0	21.7	82.0	0.0	0.0	0.0	4.2
20	17.8	26.2	19.6	85.0	.1	0.0	.1	5.7
21	17.2	27.2	22.5	81.0	0.0	0.0	0.0	6.5
22	17.0	28.2	21.5	80.7	11.7	2.3	14.0	5.6
23	17.2	28.8	22.4	78.3	0.0	0.0	0.0	3.9
24	15.6	28.0	22.4	80.0	0.0	.3	.3	6.1
25	17.4	30.1	23.0	78.3	0.0	0.0	0.0	8.0
26	15.0	30.0	22.3	73.7	0.0	0.0	0.0	8.8
27	15.1	29.9	22.3	78.7	.1	0.0	.1	7.3
28	18.0	29.0	23.2	78.7	0.0	0.0	0.0	5.9
29	17.9	30.0	22.5	77.3	0.0	0.0	0.0	6.0
30	17.8	29.9	23.5	79.0	0.0	3.4	3.4	6.1
31	18.8	27.2	21.0	88.0	3.0	0.0	3.0	3.6
TOTAL PROMEDIO	17.0	28.2	22.2	78.3	25.3	18.0	43.3	175.7

ESTACION: PUEBLO BELLO

DPTO: CESAR

LATITUD : 10° 25'N

LONGITUD: 73° 34'W

AÑO: 1991

MPIO: VALLEDUPAR

ALTITUD : 1000 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	26.3	22.3	78.0	0.0	0.0	0.0	6.7
2	15.0	28.4	20.7	81.7	59.1	.5	59.6	
3	16.0	28.0	20.4	82.0	1.2	0.0	1.2	
4	16.1	28.1	21.7	81.0	0.0	0.0	0.0	5.3
5	15.8	27.9	21.7	78.0	0.0	0.0	0.0	5.4
6	16.0	27.2	22.0	80.0	0.0	0.0	0.0	5.5
7	15.9	28.1	20.7	84.0	0.0	0.0	0.0	7.0
8	15.7	28.3	22.4	80.0	0.0	0.0	0.0	6.2
9	16.8	29.4	21.6	79.7	5.8	3.9	9.7	6.1
10	18.1	29.0	22.8	75.3	0.0	0.0	0.0	
11	15.0	29.9	23.3	69.3	0.0	0.0	0.0	
12					0.0	0.0	0.0	
13					0.0	0.0	0.0	
14	16.6	29.2	23.3	74.7	0.0	0.0	0.0	
15					0.0	0.0	0.0	
16	17.0	24.8	20.5	83.7	35.2	.5	35.7	.5
17	17.8	22.8	19.3	86.7	2.1	.3	2.4	
18	16.0	25.7	20.8	83.7	2.6	0.0	2.6	
19	16.8	26.2	21.5	84.7	15.2	0.0	15.2	
20	15.9	26.8	21.3	82.0	0.0	0.0	0.0	4.0
21	16.8	24.4	21.1	87.3	0.0	0.0	0.0	4.3
22	16.9	25.3	21.0	86.7	0.0	.2	.2	4.7
23	19.1	24.2	19.9	91.0	21.1	.3	21.4	6.6
24	16.0	26.9	21.5	83.3	.1	40.0	40.1	6.2
25	16.2	27.1	20.8	84.7	45.5	1.5	47.0	2.6
26	16.3	25.1	20.2	86.7	0.0	0.0	0.0	3.9
27	16.0	26.8	21.9	80.7	2.4	0.0	2.4	3.3
28	18.0	26.2	21.7	84.7	49.0	0.0	49.0	4.4
29	18.4	25.1	21.7	83.3	5.0	.1	5.1	5.3
30	16.8	25.6	20.5	88.7	0.0	50.0	50.0	.2
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO					244.3	97.3	341.6	

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	25.2	20.4	84.7	34.0	5.7	39.7	
2	16.9	26.8	21.7	81.7	0.0	0.0	0.0	2.9
3	16.4	25.0	20.6	85.7	6.7	0.0	6.7	4.8
4	14.9	26.8	20.8	79.3	9.5	.6	10.1	9.0
5	15.0	26.0	21.2	83.3	0.0	0.0	0.0	9.1
6	17.1	25.6	20.7	86.0	1.2	12.6	13.8	4.6
7					9.1	55.7	64.8	3.7
8					0.0	48.0	48.0	5.1
9	18.0	24.8	19.4	89.3	21.3	0.0	21.3	1.6
10	16.8	25.8	20.8	83.0	0.0	.4	.4	5.1
11	16.0	26.2	20.4	86.7	0.0	3.5	3.5	5.7
12	17.8	25.1	19.8	86.0	8.3	0.0	8.3	4.9
13	14.9	26.8	19.7	83.3	61.8	.3	62.1	5.8
14					.2	0.0	.2	5.5
15					.5	1.3	1.8	4.5
16					0.0	9.0	9.0	6.9
17					0.0	0.0	0.0	
18					0.0	0.0	0.0	
19					0.0	9.3	9.3	8.8
20					0.0	0.0	0.0	7.9
21					0.0	0.0	0.0	6.8
22					44.8	0.0	44.8	8.3
23					0.0	0.0	0.0	5.9
24					0.0	0.0	0.0	9.0
25					13.1	0.0	13.1	6.5
26					1.5	0.0	1.5	6.7
27					8.6	0.0	8.6	3.3
28					0.0	0.0	0.0	7.5
29					0.0	0.0	0.0	5.4
30					1.3	.4	1.7	4.1
31					1.9	0.0	1.9	5.4
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO					223.8	146.8	370.6	

ESTACION: PUEBLO BELLO

DPTO: CESAR

LATITUD : 10° 25'N

AÑO: 1991

MPIO: VALLEDUPAR

LONGITUD: 73° 34'W
ALTITUD : 1000 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	26.6	20.6	82.7	1.9	0.0	1.9	7.0
2	16.4	24.3	20.3	88.3	0.0	0.0	0.0	4.5
3	15.0	24.8	19.8	88.0	0.0	0.0	0.0	5.4
4	14.8	25.4	19.5	87.0	.2	0.0	.2	6.9
5	15.0	25.5	20.5	87.3	0.0	0.0	0.0	7.1
6	14.8	25.9	19.9	86.0	58.1	3.5	61.6	7.2
7	15.2	26.4	20.7	83.0	3.1	1.6	4.7	6.9
8	17.8	26.0	21.0	87.3	45.7	7.3	53.0	5.2
9	16.8	25.0	20.7	87.0	0.0	3.5	3.5	7.1
10	18.0	25.5	21.2	88.0	16.6	0.0	16.6	4.6
11	15.8	26.1	21.5	81.0	0.0	0.0	0.0	5.4
12	15.9	26.0	20.8	82.0	0.0	0.0	0.0	7.8
13	16.0	25.3	21.0	84.7	0.0	0.0	0.0	8.3
14	17.8	24.9	20.6	83.7	0.0	0.0	0.0	8.0
15	14.4	25.0	20.3	83.0	0.0	0.0	0.0	8.6
16	15.0	24.9	20.5	84.7	0.0	0.0	0.0	7.5
17	15.8	24.8	20.9	84.0	.7	1.1	1.8	6.5
18	16.8	25.0	20.3	88.0	0.0	0.0	0.0	6.3
19	15.0	26.9	20.3	82.0	0.0	0.0	0.0	8.7
20	15.2	26.0	20.4	85.3	0.0	0.0	0.0	5.6
21	16.2	26.2	20.7	87.3	0.0	0.0	0.0	5.3
22	17.1	24.3	20.6	90.3	10.3	0.0	10.3	
23					17.9	0.0	17.9	
24					1.8	0.0	1.8	
25	17.0	27.4	21.0	78.3	5.1	3.9	9.0	4.4
26	17.4	24.8	19.9	91.3	0.0	0.0	0.0	.4
27	17.2	27.4	20.5	84.7	0.0	32.0	32.0	6.1
28	15.9	26.6	19.7	88.3	23.0	0.0	23.0	7.0
29	16.8	25.2	21.5	86.7	0.0	0.0	0.0	7.9
30	15.8	26.4	21.1	85.3	0.0	0.0	0.0	8.2
31								
TOTAL PROMEDIO	====	====	====	====	====	====	====	====
					184.4	52.9	237.3	

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.9	26.4	20.8	88.3	.7	0.0	.7	6.7
2	16.0	26.5	21.0	84.0	0.0	0.0	0.0	5.6
3	14.8	25.0	19.6	85.3	0.0	0.0	0.0	7.3
4	14.1	26.4	20.7	85.3	0.0	0.0	0.0	8.1
5	16.0	25.3	19.1	83.3	0.0	0.0	0.0	9.2
6	12.8	24.7	19.1	85.3	0.0	0.0	0.0	
7					0.0	0.0	0.0	
8	14.0	25.4	19.8	84.7	0.0	0.0	0.0	
9					0.0	0.0	0.0	
10					0.0	0.0	0.0	
11	16.0	25.8	20.6	78.0	0.0	0.0	0.0	9.2
12	13.9	25.4	19.3	84.0	0.0	0.0	0.0	8.5
13	14.1	25.7	19.4	81.0	0.0	0.0	0.0	8.4
14	13.8	25.3	18.0	79.0	0.0	0.0	0.0	5.5
15	12.0	25.1	19.0	75.3	0.0	0.0	0.0	8.9
16	14.0	25.5	19.6	82.7	0.0	0.0	0.0	8.0
17	13.9	24.5	19.3	86.0	0.0	0.0	0.0	6.4
18	14.8	26.0	20.5	82.3	0.0	0.0	0.0	7.6
19	13.9	25.2	20.3	77.7	0.0	0.0	0.0	8.8
20	14.0	26.2	20.1	79.0	0.0	0.0	0.0	5.4
21	15.0	27.4	20.1	59.0	0.0	0.0	0.0	4.0
22	12.8	24.9	19.0	76.3	0.0	0.0	0.0	
23	13.0	26.0	20.6	81.3	0.0	0.0	0.0	
24	11.7	27.8	20.7	77.0	0.0	0.0	0.0	
25	13.2	27.9	22.1	79.0	0.0	0.0	0.0	
26	17.0	28.2	22.0	78.7	0.0	0.0	0.0	
27	15.4	26.4	21.5	84.0	0.0	0.0	0.0	
28	14.9	28.2	21.9	77.7	0.0	0.0	0.0	
29	15.6	28.7	21.4	81.0	0.0	0.0	0.0	
30	14.9	28.0	21.5	78.3	0.0	0.0	0.0	
31	15.6	28.5	21.5	79.3	0.0	0.0	0.0	
TOTAL PROMEDIO	====	====	====	====	====	====	====	====
					.7	0.0	.7	

Estación: PUEBLO BELLO

Dpto.: CESAR

Latitud : 10° 25'N

Año: 1991

Mpio.: VALLEDUPAR

Longitud: 73° 34'W

Altitud : 1000 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	13.2	26.9	20.0	10.0	30.2	77.9	0.0	0	
FEBRERO	14.9	28.1	21.3	11.2	30.8	76.2	32.9	6	
MARZO							41.3	7	
ABRIL	16.2	27.1	21.4	13.5	29.4	82.2	101.5	14	
MAYO							211.0	14	
JUNIO	17.6	26.4	21.8	15.5	30.1	83.1	238.2	16	143.7
JULIO	16.5	27.6	22.3	14.9	32.0	78.6	18.3	5	193.3
AGOSTO	17.0	28.2	22.2	15.0	30.8	78.3	43.3	15	175.7
SEPTIEMBRE							341.6	15	
OCTUBRE							370.6	21	
NOVIEMBRE							237.3	14	
DICIEMBRE	====	====	====	====	====	=====	.7	1	=====
PROMEDIO									
ABSOLUTA									
TOTAL							1636.7	128	

ESTACION: MONTELIBANO

DPTO: CUNDINAMARCA

LATITUD : 05° 28'N

AÑO: 1991

MPIO: YACOPI

LONGITUD: 74° 22'W
ALTITUD : 1340 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.4	24.5	20.6	88.0	0.0	8.7	8.7	5.8
2	17.1	24.4	20.2	85.3	.2	0.0	.2	5.4
3	18.0	24.5	21.0	90.3	.7	0.0	.7	4.2
4	18.6	24.8	20.7	92.0	0.0	7.6	7.6	3.6
5	18.0	25.9	21.3	87.0	0.0	15.4	15.4	4.4
6	18.2	26.0	20.0	90.0	2.6	3.0	5.6	6.6
7	17.0	26.2	21.3	85.7	.5	14.5	15.0	4.8
8	17.1	25.2	21.0	86.3	0.0	0.0	0.0	4.6
9	18.4	25.8	21.5	85.7	0.0	15.8	15.8	6.0
10	18.8	26.2	22.0	88.3	0.0	1.0	1.0	5.4
11	19.2	25.5	21.4	87.3	0.0	0.0	0.0	5.7
12	19.0	25.0	21.3	85.0	0.0	0.0	0.0	5.8
13	17.6	25.5	20.9	83.0	0.0	0.0	0.0	7.1
14	17.5	25.0	21.0	82.7	0.0	0.0	0.0	7.1
15	18.0	24.1	20.5	88.0	0.0	0.0	0.0	4.6
16	17.5	24.5	20.5	83.0	2.4	0.0	2.4	7.9
17	18.2	24.1	20.7	86.7	0.0	0.0	0.0	3.6
18	18.0	24.5	20.9	88.0	0.0	1.7	1.7	4.1
19	18.4	24.6	20.8	85.7	0.0	.3	.3	4.9
20	18.0	25.1	20.6	85.0	0.0	0.0	0.0	5.9
21	17.4	24.5	20.1	84.7	0.0	0.0	0.0	6.8
22	17.5	26.3	21.7	82.7	0.0	0.0	0.0	4.9
23	17.3	24.9	20.7	85.0	0.0	0.0	0.0	6.0
24	17.4	27.8	21.7	79.0	0.0	0.0	0.0	9.2
25	18.0	27.6	21.7	78.7	0.0	0.0	0.0	7.6
26	17.1	27.2	21.7	78.0	0.0	0.0	0.0	6.6
27	15.8	21.8	20.4	86.7	0.0	0.0	0.0	2.0
28	18.4	28.5	22.1	81.3	0.0	0.0	0.0	6.7
29	18.2	28.0	22.6	81.0	0.0	0.0	0.0	7.7
30	18.8	26.0	22.3	83.0	0.0	0.0	0.0	5.0
31	19.4	26.2	22.1	81.7	0.0	0.0	0.0	5.0
TOTAL					6.4	68.0	74.4	175.0
PROMEDIO	17.9	25.5	21.1	85.0				

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.4	25.7	21.5	79.3	0.0	0.0	0.0	6.2
2	18.3	26.3	21.9	79.3	0.0	0.0	0.0	5.9
3	18.2	25.0	21.1	81.7	0.0	.4	.4	3.6
4	17.8	24.0	19.8	88.3	13.2	0.0	13.2	1.2
5	18.4	23.5	20.3	88.7	0.0	0.0	0.0	1.6
6	18.3	26.2	21.2	87.3	0.0	.1	.1	4.0
7	18.5	24.0	20.7	88.3	0.0	0.0	0.0	0.0
8	17.5	19.2	17.9	95.0	0.0	0.0	0.0	0.0
9	16.8	25.2	21.1	83.3	0.0	7.2	7.2	2.4
10	17.8	24.5	20.7	87.3	0.0	0.0	0.0	2.5
11	18.6	24.8	21.5	86.7	.4	6.0	6.4	3.5
12	18.5	24.2	20.6	89.7	0.0	.1	.1	1.7
13	17.8	26.3	21.9	83.0	0.0	1.9	1.9	5.0
14	18.0	26.4	21.9	85.7	1.2	0.0	1.2	3.7
15	18.4	25.0	20.4	94.0	.1	8.7	8.8	2.3
16	17.5	23.7	19.9	91.3	0.0	0.0	0.0	1.7
17	18.3	25.7	21.6	85.0	0.0	35.1	35.1	4.4
18	18.4	26.6	22.0	84.0	.2	0.0	.2	3.5
19	17.6	25.2	21.6	85.3	0.0	0.0	0.0	5.4
20	18.8	25.4	21.6	84.7	0.0	0.0	0.0	3.7
21	18.0	26.0	21.2	85.3	0.0	0.0	0.0	2.6
22	17.6	26.5	21.6	86.3	0.0	0.0	0.0	3.9
23	19.4	26.4	22.6	86.7	0.0	0.0	0.0	3.5
24	20.0	28.8	22.6	78.0	0.0	0.0	0.0	4.8
25	19.5	29.5	22.7	61.3	0.0	.7	.7	7.0
26	19.0	27.6	22.7	82.0	0.0	0.0	0.0	4.9
27	18.2	27.0	22.0	82.7	16.4	4.7	21.1	5.3
28	18.3	26.6	21.6	82.3	.2	0.0	.2	4.7
29								
30								
31								
TOTAL					31.7	64.9	96.6	99.0
PROMEDIO	18.3	25.5	21.3	84.7				

ESTACION: MONTELIBANO

DPTO: CUNDINAMARCA

LATITUD : 05° 28' N

AÑO: 1991

MPIO: YACOPI

LONGITUD : 74° 22' W

ALTITUD : 1340 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.5	26.8	22.6	83.3	0.0	6.8	6.8	4.6
2	17.4	24.6	20.1	92.0	0.0	0.0	0.0	2.1
3	18.4	23.2	20.1	89.3	3.9	.2	4.1	0.0
4	18.5	24.9	20.4	90.7	.3	0.0	.3	.8
5	17.0	22.8	18.9	91.3	0.0	.2	.2	2.3
6	17.6	25.1	20.9	93.7	0.0	31.0	31.0	2.4
7	17.8	24.8	20.6	89.0	0.0	10.0	10.0	1.0
8	17.2	26.2	20.8	86.7	.1	15.7	15.8	3.6
9	17.6	25.4	20.1	88.7	5.4	0.0	5.4	2.2
10	18.2	25.0	20.7	85.3	5.2	5.3	10.5	.4
11	17.4	24.5	19.2	92.0	5.4	10.0	15.4	1.6
12	17.8	24.4	19.6	90.0	3.8	.6	4.4	.8
13	18.2	27.0	20.3	85.3	2.2	3.4	5.6	3.7
14	17.9	25.0	19.9	92.7	5.7	0.0	5.7	3.6
15	18.0	25.6	21.9	87.7	0.0	0.0	0.0	4.8
16	18.5	25.4	21.1	90.0	0.0	0.0	0.0	4.9
17	18.7	25.5	21.9	85.7	0.0	.5	.5	4.2
18	19.5	25.8	21.9	83.7	0.0	0.0	0.0	6.1
19	19.1	25.6	22.0	82.3	0.0	.1	.1	4.8
20	19.2	25.1	21.4	82.7	0.0	0.0	0.0	6.2
21	18.2	27.6	22.3	82.7	0.0	0.0	0.0	6.4
22	18.8	25.2	21.8	85.3	0.0	0.0	0.0	.5
23	19.0	26.8	22.8	83.3	0.0	9.0	9.0	5.0
24	18.0	24.7	21.1	87.3	0.0	0.0	0.0	3.6
25	18.4	25.4	21.5	87.0	0.0	0.0	0.0	3.6
26	18.0	20.5	19.3	91.0	1.8	20.2	22.0	0.0
27	17.0	22.2	19.3	92.7	1.1	21.3	22.4	0.0
28	16.9	23.2	19.8	87.0	0.0	6.7	6.7	0.0
29	17.6	26.4	21.6	80.0	.6	0.0	.6	7.1
30	17.4	25.6	21.5	83.0	0.0	26.4	26.4	7.1
31	15.6	24.6	19.9	87.0	.3	22.5	22.8	4.4
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.0	25.0	20.8	87.4	35.8	189.9	225.7	97.8

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	24.6	20.1	88.7	12.5	25.6	38.1	1.7
2	15.0	24.1	19.3	83.3	2.3	0.0	2.3	4.6
3	16.8	24.3	20.6	87.7	0.0	0.0	0.0	2.7
4	18.0	26.2	21.4	87.7	0.0	.8	.8	4.8
5	18.6	25.6	21.1	88.0	.3	22.5	22.8	4.0
6	17.0	25.5	20.9	83.7	.4	.2	.6	2.4
7	17.2	26.6	21.0	81.3	11.1	0.0	11.1	5.2
8	18.0	25.5	19.9	85.3	35.3	20.8	56.1	2.6
9	16.4	24.7	20.0	87.0	0.0	3.6	3.6	1.1
10	16.5	28.0	20.6	83.3	0.0	14.6	14.6	4.5
11	16.8	26.5	21.4	82.0	0.0	2.0	2.0	2.6
12	18.8	26.2	21.1	87.3	5.3	29.4	34.7	3.0
13	16.6	23.2	18.7	89.3	.2	.2	.4	.6
14	16.4	26.0	20.8	83.0	0.0	0.0	0.0	6.3
15	18.2	24.0	20.3	89.0	1.7	0.0	1.7	1.6
16	18.4	25.5	21.7	85.3	4.0	0.0	4.0	5.2
17	18.6	26.4	22.1	85.3	8.3	22.1	30.4	3.0
18	16.5	26.2	20.7	80.7	0.0	0.0	0.0	6.0
19	18.3	23.4	20.0	92.0	3.6	0.0	3.6	1.6
20	17.6	26.2	21.1	83.7	0.0	0.0	0.0	3.9
21	18.8	27.3	22.6	74.7	0.0	0.0	0.0	6.6
22	18.2	26.4	21.3	87.3	0.0	0.0	0.0	2.2
23	18.5	26.3	21.5	89.7	0.0	0.0	0.0	3.2
24	19.0	26.4	22.2	83.7	3.5	23.9	27.4	5.6
25	17.9	27.2	22.6	84.0	0.0	27.6	27.6	8.8
26	18.6	26.0	20.9	88.3	0.0	0.0	0.0	3.8
27	18.2	25.4	21.3	84.7	1.0	0.0	1.0	4.0
28	17.6	26.4	21.4	86.3	12.1	3.1	15.2	3.5
29	17.3	26.5	19.8	87.0	9.2	3.2	12.4	5.4
30	16.7	26.9	20.2	84.3	6.9	17.0	23.9	6.5
31	====	====	====	====	====	====	====	====
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.6	25.8	20.9	85.5	117.7	216.6	334.3	117.0

ESTACION: MONTELIBANO

DPTO: CUNDINAMARCA

LATITUD : 05° 28'N

LONGITUD: 74° 22'W

AÑO: 1991

MPIO: YACOPI

ALTITUD : 1340 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	26.5	20.3	85.3	21.0	8.2	29.2	6.3
2	17.5	26.4	20.8	92.0	0.0	48.8	48.8	2.9
3	17.0	25.7	21.2	90.7	1.4	26.2	27.6	5.3
4	17.3	26.0	19.9	85.7	41.8	36.8	78.6	2.7
5	17.2	24.4	20.3	86.0	.3	0.0	.3	2.5
6	18.2	25.0	20.9	87.3	2.3	.1	2.4	6.1
7	18.5	26.6	20.0	89.3	8.1	0.0	8.1	4.5
8	17.6	27.5	22.3	84.7	0.0	0.0	0.0	8.6
9	19.0	26.0	22.2	78.3	0.0	0.0	0.0	2.4
10	18.5	26.4	21.4	87.0	.6	.4	1.0	3.4
11	18.4	26.2	22.0	87.3	0.0	0.0	0.0	5.5
12	19.0	23.5	19.7	93.7	5.6	0.0	5.6	.8
13	18.0	26.4	21.4	88.0	6.9	22.1	29.0	5.9
14	17.6	25.2	21.1	90.0	.6	0.0	.6	2.3
15	18.8	27.6	22.3	83.0	0.0	0.0	0.0	4.5
16	19.0	26.3	22.0	85.3	.8	3.0	3.8	1.9
17	17.8	24.5	19.6	91.0	1.9	7.8	9.7	1.2
18	16.8	25.1	19.8	87.0	7.1	7.0	14.1	5.3
19	16.7	26.2	20.3	86.7	0.0	33.6	33.6	2.7
20	16.5	24.5	20.4	87.7	.9	3.8	4.7	2.3
21	16.6	23.0	17.9	95.7	22.5	.6	23.1	.3
22	17.1	22.9	19.2	90.7	.2	.1	.3	.1
23	17.6	25.0	20.0	86.7	5.5	10.8	16.3	3.1
24	17.4	24.5	19.0	93.3	14.0	0.0	14.0	4.5
25	16.8	25.4	20.2	85.3	3.9	.1	4.0	5.3
26	16.6	25.6	21.6	87.0	0.0	8.2	8.2	6.9
27	16.0	25.5	20.4	87.7	0.0	0.0	0.0	3.3
28	18.0	28.5	22.5	85.0	0.0	0.0	0.0	7.3
29	18.5	27.8	21.9	81.3	0.0	.1	.1	7.7
30	18.4	26.0	21.5	86.7	0.0	28.9	28.9	3.1
31	17.5	25.6	20.5	88.3	0.0	53.0	53.0	1.1
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.6	25.7	20.7	87.5	145.4	299.6	445.0	119.8

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.6	24.8	20.7	92.0	2.3	9.8	12.1	2.8
2	17.8	25.7	21.5	88.7	0.0	36.8	36.8	5.3
3	17.5	25.0	20.8	88.7	0.0	0.0	0.0	2.5
4	18.4	27.2	22.0	88.0	1.0	.1	1.1	5.7
5	18.8	26.5	21.1	87.3	9.2	0.0	9.2	3.7
6	18.0	24.6	19.6	94.3	16.9	.1	17.0	2.3
7	18.3	28.0	23.5	75.3	0.0	0.0	0.0	8.5
8	19.4	27.4	23.0	80.7	0.0	0.0	0.0	6.6
9	19.0	28.8	23.5	77.3	0.0	0.0	0.0	9.5
10	18.8	26.5	23.0	70.0	0.0	0.0	0.0	7.0
11	19.2	29.2	24.1	53.0	0.0	0.0	0.0	10.6
12	18.9	28.6	23.3	59.3	.7	0.0	.7	5.8
13	20.0	28.7	23.4	71.7	0.0	0.0	0.0	7.9
14	18.4	24.6	20.7	93.3	.1	20.9	21.0	2.4
15	16.4	25.5	19.3	89.3	30.1	40.6	70.7	6.0
16	17.6	24.0	20.2	88.7	.5	8.5	9.0	1.0
17	18.6	24.2	20.1	84.0	5.3	0.0	5.3	.5
18	17.8	27.2	22.0	79.0	0.0	0.0	0.0	9.4
19	18.0	25.7	21.8	82.7	2.4	0.0	2.4	6.7
20	18.2	26.5	20.2	86.3	22.2	0.0	22.2	5.7
21	17.6	25.6	20.9	90.0	0.0	0.0	0.0	4.3
22	18.5	24.8	21.0	88.3	10.1	0.0	10.1	3.7
23	18.2	24.6	20.3	92.7	.6	6.5	7.1	3.9
24	18.6	24.9	21.0	69.7	.6	0.0	.6	2.5
25	18.8	26.0	20.7	82.0	.8	1.7	2.5	5.1
26	16.5	25.7	21.4	89.0	18.8	37.9	56.7	5.5
27	16.4	23.5	19.3	89.7	1.0	3.2	4.2	2.8
28	17.2	24.5	20.3	88.3	.1	0.0	.1	2.2
29	18.4	25.2	20.2	80.0	.9	0.0	.9	2.0
30	17.8	23.6	20.0	82.7	4.4	0.0	4.4	2.7
31	====	====	====	====	====	====	====	====
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.2	25.9	21.3	83.4	128.0	166.1	294.1	144.6

ESTACION: MONTELIBANO

DPTO: CUNDINAMARCA

LATITUD : 05° 28'N

AÑO: 1991

MPIO: YACOPI

LONGITUD: 74° 22'W

ALTITUD : 1340 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	25.0	20.8	84.7	0.0	0.0	0.0	2.1
2	17.5	25.5	20.4	85.0	13.1	0.0	13.1	6.6
3	17.0	27.0	20.3	82.7	0.0	3.7	3.7	7.7
4	17.2	26.0	21.0	82.7	0.0	2.1	2.1	2.4
5	18.0	24.8	19.7	89.3	20.5	3.0	23.5	1.4
6	16.7	24.4	19.5	88.3	12.3	4.4	16.7	2.9
7	16.8	23.6	19.9	91.0	6.0	0.0	6.0	2.4
8	17.5	25.4	21.2	86.3	0.0	11.0	11.0	5.6
9	17.4	24.6	20.3	86.0	0.0	0.0	0.0	2.8
10	17.5	26.4	20.8	90.3	.2	.1	.3	6.2
11	18.1	26.7	21.1	84.7	.1	.2	.3	5.9
12	18.0	24.6	20.1	82.7	1.4	0.0	1.4	4.1
13	17.4	26.5	20.9	87.0	0.0	0.0	0.0	4.3
14	18.0	28.5	22.9	76.7	0.0	0.0	0.0	9.1
15	19.5	27.6	22.5	64.3	0.0	0.0	0.0	6.8
16	19.0	27.0	22.6	65.3	0.0	0.0	0.0	6.1
17	17.8	27.2	22.7	67.0	0.0	0.0	0.0	7.4
18	17.2	26.8	21.1	86.0	0.0	0.0	0.0	5.6
19	18.5	28.4	23.1	74.7	0.0	0.0	0.0	8.8
20	19.4	28.6	23.2	69.7	2.3	0.0	2.3	8.5
21	16.4	26.0	21.1	82.0	.3	0.0	.3	6.6
22	18.5	26.8	21.9	80.7	0.0	0.0	0.0	4.9
23	19.0	28.0	22.9	69.7	0.0	0.0	0.0	5.5
24	18.0	27.0	20.1	80.7	.1	0.0	.1	1.4
25	18.8	28.4	23.0	57.7	0.0	0.0	0.0	7.0
26	19.0	26.7	21.5	72.3	0.0	0.0	0.0	3.4
27	19.4	26.3	22.2	75.0	0.0	0.0	0.0	5.9
28	18.2	24.2	20.8	87.3	.7	0.0	.7	2.3
29	18.4	25.7	21.6	85.7	3.5	1.0	4.5	5.1
30	17.5	23.0	18.8	91.3	11.0	2.8	13.8	1.3
31	16.5	24.5	18.9	87.7	9.8	1.6	11.4	3.6
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	18.0	26.2	21.2	80.5	81.3	29.9	111.2	153.7

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	21.3	18.2	94.0	5.0	0.0	5.0	.2
2	16.0	25.2	19.3	90.7	0.0	0.0	0.0	4.4
3	17.4	26.2	21.4	63.7	0.0	0.0	0.0	5.2
4	17.5	26.6	21.9	76.3	0.0	1.9	1.9	8.5
5	16.5	23.6	19.6	88.0	0.0	0.0	0.0	1.4
6	17.0	24.0	20.6	89.0	0.0	0.0	0.0	2.0
7	17.2	25.0	21.1	88.3	0.0	.7	.7	4.8
8	16.9	24.0	20.8	81.3	.3	0.0	.3	8.2
9	17.5	23.2	19.3	90.7	1.6	.7	2.3	2.9
10	17.0	26.3	21.5	79.3	0.0	0.0	0.0	4.7
11	17.6	27.6	23.0	55.0	0.0	0.0	0.0	8.7
12	19.0	28.0	23.5	46.0	0.0	0.0	0.0	7.1
13	19.4	28.4	23.1	52.0	0.0	0.0	0.0	8.5
14	18.5	27.8	24.0	60.7	0.0	0.0	0.0	7.3
15	18.0	27.7	22.2	62.3	0.0	0.0	0.0	8.5
16	18.6	27.6	23.3	59.7	0.0	0.0	0.0	7.8
17	18.8	27.5	21.4	71.3	0.0	0.0	0.0	5.0
18	18.0	25.8	21.0	70.3	0.0	0.0	0.0	4.7
19	17.5	28.7	23.1	62.0	0.0	0.0	0.0	9.8
20	17.7	26.5	21.5	81.7	0.0	0.0	0.0	5.1
21	17.4	27.0	22.1	73.7	0.0	0.0	0.0	5.7
22	18.6	28.5	23.4	57.0	0.0	0.0	0.0	7.9
23	19.0	26.4	22.3	57.3	0.0	0.0	0.0	2.3
24	18.8	27.7	22.6	59.7	0.0	0.0	0.0	6.2
25	18.3	29.5	24.0	53.3	0.0	0.0	0.0	8.2
26	17.8	29.2	23.5	66.0	0.0	0.0	0.0	9.2
27	19.4	29.4	22.8	70.0	.3	0.0	.3	7.2
28	19.2	28.0	22.8	61.3	0.0	0.0	0.0	6.4
29	19.0	30.6	24.4	47.3	0.0	0.0	0.0	7.8
30	19.4	28.2	22.5	59.7	.2	0.0	.2	3.4
31	18.8	27.6	23.1	65.7	0.0	.7	.7	5.8
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	18.0	26.9	22.0	68.8	7.4	4.0	11.4	184.9

ESTACION: MONTELIBANO

DPTO: CUNDINAMARCA

LATITUD : 05° 28'N

AÑO: 1991

MPIO: YACOPI

LONGITUD: 74° 22'W
ALTITUD : 1340 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.6	27.2	22.9	66.3	0.0	0.0	0.0	5.5
2	18.8	30.6	24.6	49.0	0.0	0.0	0.0	9.0
3	19.4	29.2	24.1	54.7	0.0	0.0	0.0	7.2
4	18.2	31.0	23.3	70.0	0.0	0.0	0.0	7.9
5	18.8	29.7	23.6	64.3	0.0	0.0	0.0	7.8
6	18.9	26.4	22.4	78.3	0.0	0.0	0.0	.6
7	17.5	28.5	21.7	82.7	.4	0.0	.4	5.4
8	18.4	30.7	24.2	76.7	0.0	1.1	1.1	8.6
9	19.3	30.0	22.7	67.3	0.0	0.0	0.0	8.1
10	19.0	30.2	24.3	46.7	0.0	0.0	0.0	8.9
11	18.9	29.5	23.2	50.3	0.0	0.0	0.0	8.7
12	19.5	30.4	24.0	51.0	0.0	0.0	0.0	6.6
13	19.4	29.5	24.5	61.7	0.0	0.0	0.0	6.5
14	18.8	27.0	22.2	81.3	.3	0.0	.3	3.0
15	17.6	25.0	19.5	83.7	19.4	1.5	20.9	.9
16	16.7	23.5	19.9	86.7	2.2	13.8	16.0	1.7
17	16.0	23.2	18.8	87.3	3.9	17.2	21.1	1.7
18	15.9	24.4	20.1	86.7	0.0	1.0	1.0	6.5
19	18.0	26.0	20.8	85.3	5.9	2.7	8.6	5.4
20	17.1	22.8	19.5	95.3	1.3	2.8	4.1	1.5
21	17.0	22.4	19.2	90.7	.1	1.3	1.4	.9
22	17.5	24.4	20.4	84.0	3.8	6.1	9.9	4.8
23	17.2	24.0	20.4	85.0	.4	10.6	11.0	3.5
24	16.6	24.4	19.9	85.3	0.0	0.0	0.0	2.6
25	17.5	25.0	19.1	91.3	17.0	0.0	17.0	5.2
26	16.0	28.0	19.0	91.7	4.5	.1	4.6	5.8
27	17.4	24.0	21.0	87.7	.8	2.7	3.5	5.7
28	17.5	26.2	20.0	83.0	9.7	0.0	9.7	5.5
29	16.5	23.0	20.1	84.7	0.0	1.3	1.3	5.4
30	17.5	24.8	20.8	84.3	0.0	2.3	2.3	6.9
31	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	17.8	26.7	21.5	76.4	69.7	64.5	134.2	157.8

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	24.4	20.8	85.7	0.0	4.9	4.9	6.8
2	16.5	23.6	20.6	86.7	0.0	3.8	3.8	3.2
3	15.6	24.5	19.7	85.0	.3	0.0	.3	4.6
4	17.5	26.2	21.2	81.0	0.0	10.9	10.9	6.9
5	16.0	24.5	20.6	86.7	0.0	0.0	0.0	7.4
6	17.5	25.2	20.6	83.3	.9	0.0	.9	7.1
7	17.0	24.5	20.2	85.3	0.0	29.9	29.9	6.3
8	15.6	23.2	18.0	87.3	.8	17.5	18.3	3.6
9	17.0	22.6	17.8	95.7	5.6	.2	5.8	.8
10	17.5	23.0	19.3	93.0	17.0	.2	17.2	1.5
11	16.6	24.5	20.2	88.0	1.7	0.0	1.7	3.5
12	16.4	24.9	19.3	87.7	44.6	0.0	44.6	5.5
13	17.1	27.9	21.3	77.3	0.0	0.0	0.0	6.2
14	17.0	24.2	20.2	88.3	0.0	0.0	0.0	7.7
15	16.8	23.9	20.1	85.0	0.0	.9	.9	6.9
16	17.0	24.4	20.1	87.3	0.0	0.0	0.0	5.5
17	15.0	26.6	20.7	88.7	4.2	0.0	4.2	5.4
18	17.4	25.7	20.4	81.3	0.0	0.0	0.0	3.1
19	17.0	25.6	20.3	79.7	0.0	0.0	0.0	6.0
20	16.5	28.0	21.6	72.0	0.0	0.0	0.0	9.5
21	18.4	29.0	23.3	48.3	0.0	0.0	0.0	
22	18.2	28.5	21.8	69.0	0.0	0.0	0.0	
23	18.0	28.7	23.0	65.0	0.0	0.0	0.0	9.2
24	18.5	26.5	21.5	74.3	.5	0.0	.5	7.0
25	17.8	24.8	20.1	90.7	1.8	.7	2.5	4.7
26	18.0	24.0	20.0	87.3	5.4	4.4	9.8	3.6
27	17.2	24.5	20.3	88.3	10.8	0.0	10.8	2.6
28	17.6	25.2	20.4	85.7	0.0	0.0	0.0	5.3
29	18.0	27.1	20.0	86.0	22.3	39.4	61.7	5.0
30	16.0	25.4	20.3	82.7	5.0	18.9	23.9	3.9
31	16.5	25.7	20.1	82.3	2.2	10.1	12.3	5.1
	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	17.0	23.4	20.4	82.7	123.1	141.8	264.9	

ESTACION: MONTELIBANO

DPTO: CUNDINAMARCA

LATITUD : 05° 28'N

AÑO: 1991

MPIO: YACOPI

LONGITUD : 74° 22'W

ALTITUD : 1340 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	25.2	20.0	87.7	14.5	3.6	18.1	5.8
2	16.2	25.0	20.4	87.3	0.0	1.6	1.6	2.2
3	16.0	24.0	20.0	84.3	0.0	.8	.8	6.1
4	17.2	24.0	20.0	81.7	.6	0.0	.6	2.8
5	17.0	24.4	20.2	87.3	0.0	0.0	0.0	4.5
6	17.1	24.6	20.5	83.0	.9	0.0	.9	2.8
7	18.2	23.0	19.4	91.7	1.9	0.0	1.9	3.5
8	17.0	23.2	19.9	86.7	0.0	22.6	22.6	3.5
9	16.9	22.8	18.4	89.3	0.0	11.6	11.6	.5
10	16.7	23.4	18.9	87.3	1.1	0.0	1.1	3.4
11	16.8	23.8	20.0	84.7	0.0	0.0	0.0	5.0
12	17.4	25.0	20.1	87.0	0.0	0.0	0.0	6.8
13	17.5	26.2	20.8	87.0	6.0	23.7	29.7	4.6
14	17.0	24.0	19.9	87.7	4.7	8.1	12.8	6.3
15	16.9	23.8	19.5	88.0	2.9	3.5	6.4	2.4
16	17.0	23.0	20.2	88.0	0.0	0.0	0.0	6.7
17	16.4	23.8	19.7	84.7	0.0	0.0	0.0	2.0
18	17.9	23.9	19.7	87.0	35.9	9.1	45.0	3.9
19	17.4	25.4	20.7	87.7	0.0	.7	.7	4.5
20	17.2	24.8	20.8	88.3	0.0	33.6	33.6	5.3
21	16.7	24.6	20.1	86.0	.7	.3	1.0	4.6
22	18.0	25.8	20.9	87.0	0.0	3.5	3.5	4.5
23	18.0	25.1	21.2	87.3	.1	7.8	7.9	6.1
24	17.2	24.9	20.4	89.0	.4	58.2	58.6	3.6
25	16.5	24.0	20.1	89.0	.1	.1	.2	3.7
26	17.6	23.2	20.1	88.3	.3	0.0	.3	1.3
27	18.2	25.4	21.4	84.0	0.0	1.0	1.0	3.0
28	18.3	28.2	21.3	82.0	9.9	0.0	9.9	5.2
29	18.0	27.0	20.9	84.3	0.0	1.2	1.2	4.5
30	18.8	26.1	20.2	90.3	.1	0.0	.1	3.7
31								
TOTAL								
PROMEDIO	17.2	24.6	20.2	86.8	80.1	191.0	271.1	122.8

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.8	25.8	21.6	85.3	0.0	4.4	4.4	5.8
2	18.0	24.6	20.4	89.7	.6	71.6	72.2	3.0
3	17.6	25.6	20.1	87.3	0.0	0.0	0.0	4.4
4	17.0	25.8	20.7	87.7	0.0	3.1	3.1	7.2
5	17.6	24.6	20.4	90.3	2.8	4.3	7.1	2.7
6	17.5	24.5	20.7	89.7	0.0	0.0	0.0	4.6
7	18.6	25.0	21.0	88.3	0.0	0.0	0.0	4.1
8	18.4	25.8	21.3	87.0	0.0	1.3	1.3	6.0
9	18.2	25.0	20.8	89.0	1.7	.5	2.2	2.8
10	18.6	24.0	20.4	87.0	0.0	.6	.6	4.5
11	17.6	23.5	19.6	91.7	0.0	0.0	0.0	1.9
12	17.5	25.5	21.0	83.3	0.0	0.0	0.0	6.5
13	18.8	24.2	20.7	87.0	0.0	.1	.1	7.2
14	18.2	24.4	20.8	81.3	0.0	1.7	1.7	6.1
15	18.0	24.1	20.0	86.7	0.0	1.0	1.0	2.2
16	16.8	21.5	18.9	85.0	0.0	0.0	0.0	.2
17	17.0	20.7	18.3	88.7	2.2	2.9	5.1	.3
18	17.2	23.5	19.5	83.3	.2	0.0	.2	2.7
19	17.0	24.1	20.3	84.0	0.0	0.0	0.0	5.3
20	17.6	23.2	20.0	82.7	0.0	0.0	0.0	2.8
21	17.8	24.3	20.3	86.7	0.0	0.0	0.0	6.5
22	17.3	23.0	19.6	87.3	0.0	.2	.2	1.0
23	17.2	23.8	19.5	82.3	0.0	0.0	0.0	4.2
24	16.2	25.0	19.7	86.3	0.0	2.2	2.2	4.3
25	17.9	23.6	20.1	87.0	0.0	0.0	0.0	4.4
26	17.8	26.8	20.9	80.7	1.8	0.0	1.8	5.0
27	18.0	23.9	20.4	86.7	0.0	12.5	12.5	5.0
28	17.4	24.0	20.4	86.3	0.0	22.4	22.4	5.3
29	17.0	24.6	19.8	88.0	7.3	0.0	7.3	3.1
30	17.2	24.4	20.3	86.0	0.0	0.0	0.0	5.1
31	17.0	26.0	20.6	85.7	.3	0.0	.3	7.2
TOTAL								
PROMEDIO	17.6	24.3	20.2	86.4	16.9	128.8	145.7	131.4

Estación: MONTELIBANO

Dpto.: CUNDINAMARCA

Latitud : 05° 28'N

Año: 1991

Mpio.: YACOPI

Longitud: 74° 22'W
Altitud : 1340 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med. Med.	Min. Abs.	Máx. Abs.		Total mm.	Dias Lluvia	Brillo Sol. (h)
ENERO	17.9	25.5	21.1	16.8	28.5	85.0	74.4	12	175.0
FEBRERO	18.3	25.5	21.3	16.8	29.5	84.7	96.6	14	99.0
MARZO	18.0	25.0	20.8	15.6	27.6	87.4	225.7	22	97.8
ABRIL	17.6	25.8	20.9	15.0	28.0	85.5	334.3	22	117.0
MAYO	17.6	25.7	20.7	16.0	28.5	87.5	445.0	25	119.8
JUNIO	18.2	25.9	21.3	16.4	29.2	83.4	294.1	21	144.6
JULIO	18.0	26.2	21.2	16.5	28.6	80.5	111.2	17	153.7
AGOSTO	18.0	26.9	22.0	16.0	30.6	68.8	11.4	8	184.9
SEPTIEMBRE	17.8	26.7	21.5	15.9	31.0	76.4	134.2	18	157.8
OCTUBRE	17.0	25.4	20.4	15.0	29.0	82.7	264.9	20	
NOVIEMBRE	17.2	24.6	20.2	16.0	28.2	86.8	271.1	25	122.8
DICIEMBRE	17.6	24.3	20.2	16.2	26.8	86.4	145.7	19	131.4
PROMEDIO	17.8	25.6	21.0			82.9			
ABSOLUTA				15.0	31.0				
TOTAL							2408.6	223	

ESTACION: SANTA BARBARA

DPTO: CUNDINAMARCA

LATITUD : 04° 57'N

AÑO: 1991

MPIO: SASAIMA

LONGITUD : 74° 25'W
ALTITUD : 1450 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	25.5	20.6	83.0	.1	4.4	4.5	4.6
2	16.5	25.1	19.6	86.3	.3	10.5	10.8	2.5
3	16.2	25.4	20.6	85.3	0.0	10.4	10.4	1.9
4	16.7	24.9	20.6	86.3	0.0	0.0	0.0	4.2
5	16.0	26.3	20.7	83.3	0.0	0.0	0.0	6.6
6	15.0	25.0	19.7	83.7	25.0	0.0	25.0	4.4
7	15.4	23.6	19.5	87.0	0.0	.7	.7	.6
8	16.0	23.7	19.4	88.0	6.5	0.0	6.5	2.8
9	14.5	25.7	19.7	86.0	0.0	0.0	0.0	4.9
10	15.5	26.8	20.8	83.7	.7	33.0	33.7	5.1
11	16.5	27.6	20.9	85.0	1.4	0.0	1.4	5.4
12	17.5	28.6	21.6	83.3	0.0	0.0	0.0	7.3
13	16.5	28.0	21.4	77.3	0.0	0.0	0.0	9.5
14	16.8	27.4	20.6	80.3	0.0	0.0	0.0	8.1
15	18.0	27.6	21.5	80.7	0.0	0.0	0.0	6.2
16	16.8	28.0	20.3	82.7	0.0	0.0	0.0	6.5
17	15.5	26.5	20.8	78.3	0.0	57.3	57.3	5.0
18	16.6	26.6	20.3	85.3	.1	8.9	9.0	4.2
19	15.0	26.3	21.0	80.7	0.0	0.0	0.0	5.2
20	15.6	27.5	21.3	80.7	0.0	1.0	1.0	7.5
21	17.0	26.5	20.3	82.0	0.0	0.0	0.0	6.1
22	16.0	26.7	19.7	82.0	0.0	0.0	0.0	4.7
23	17.0	25.0	20.0	81.3	0.0	0.0	0.0	3.7
24	14.5	25.5	20.7	70.0	0.0	0.0	0.0	7.3
25	15.5	27.0	20.2	73.0	0.0	0.0	0.0	6.9
26	13.5	25.7	20.8	67.3	0.0	0.0	0.0	5.7
27	16.9	22.6	19.7	85.7	0.0	0.0	0.0	.5
28	16.0	27.2	21.4	75.7	0.0	0.0	0.0	7.9
29	15.0	28.7	21.9	65.7	0.0	0.0	0.0	9.2
30	14.9	28.0	21.0	74.7	0.0	0.0	0.0	6.5
31	17.5	26.5	20.2	81.7	0.0	0.0	0.0	4.1
TOTAL PROMEDIO	16.0	26.3	20.5	80.8	34.1	126.2	160.3	165.1

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	26.5	20.8	81.3	0.0	2.6	2.6	5.8
2	16.0	27.4	20.7	80.3	0.0	28.7	28.7	4.3
3	16.5	26.4	19.3	82.7	.7	9.9	10.6	3.2
4	16.0	21.2	18.3	93.0	0.0	0.0	0.0	0.0
5	17.0	22.9	19.3	89.3	0.0	0.0	0.0	.6
6	16.5	24.8	19.9	87.3	0.0	2.5	2.5	1.0
7	17.0	23.5	19.4	93.3	.7	27.9	28.6	.4
8	16.5	22.0	18.5	92.7	1.0	0.0	1.0	.6
9	15.0	22.5	18.6	84.7	0.0	0.0	0.0	.9
10	16.0	24.0	19.7	88.7	0.0	0.0	0.0	2.5
11	18.0	24.9	18.8	83.3	60.0	0.0	60.0	1.1
12	15.5	22.5	19.3	89.3	0.0	5.0	5.0	.7
13	16.2	25.4	20.3	84.7	3.0	0.0	3.0	4.1
14	15.9	27.0	20.5	84.7	0.0	0.0	0.0	5.7
15	16.0	25.8	19.7	87.3	4.2	0.0	4.2	4.1
16	17.0	24.0	19.5	88.0	15.4	17.6	33.0	.8
17	16.5	24.8	20.5	87.7	0.0	0.0	0.0	1.6
18	16.3	25.0	20.6	86.0	0.0	6.8	6.8	6.8
19	16.0	27.4	21.4	82.3	0.0	9.0	9.0	5.2
20	17.1	26.7	20.6	84.0	0.0	0.0	0.0	
21	17.0	26.4	20.5	85.7	0.0	0.0	0.0	3.9
22	16.5	26.5	21.4	73.3	0.0	0.0	0.0	4.6
23	19.0	27.2	22.7	71.3	0.0	0.0	0.0	3.5
24	18.7	26.2	22.4	70.7	.8	0.0	.8	3.8
25	19.5	26.6	21.6	72.0	0.0	0.0	0.0	6.0
26	20.0	27.4	22.4	68.7	0.0	0.0	0.0	3.9
27	17.0	28.1	20.9	82.3	0.0	0.0	0.0	6.0
28	17.2	27.5	20.2	83.7	18.5	0.0	18.5	3.9
29								
30								
31								
TOTAL PROMEDIO	16.9	25.4	20.3	83.5	104.3	110.0	214.3	

ESTACION: SANTA BARBARA

DPTO: CUNDINAMARCA

LATITUD : 04° 57'N

AÑO: 1991

MPIO: SASAIMA

LONGITUD: 74° 25'W
ALTITUD : 1450 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	26.5	21.5	78.3	0.0	0.0	0.0	4.9
2	18.0	23.5	20.4	86.3	43.0	0.0	43.0	1.4
3	17.5	25.6	20.3	89.0	0.0	0.0	0.0	1.8
4	17.3	24.0	19.8	92.3	4.7	21.0	25.7	.3
5	17.2	20.8	18.5	92.3	.7	0.0	.7	.3
6	17.0	24.6	19.5	89.3	12.3	1.1	12.4	1.5
7	17.1	22.5	19.0	95.7	6.3	1.7	8.0	.4
8	16.7	24.1	19.8	93.3	1.0	0.0	1.0	1.8
9	17.2	24.0	20.1	89.7	1.2	28.3	29.5	1.2
10	17.0	24.2	19.6	89.7	.2	0.0	.2	1.0
11	17.5	23.2	19.3	89.0	3.5	3.9	7.5	.1
12	17.4	21.5	18.6	92.7	.8	1.6	2.4	.2
13	16.0	24.5	19.0	89.3	39.9	.1	40.0	2.0
14	15.6	27.8	20.5	83.3	5.9	.1	6.0	4.8
15	15.5	26.5	20.5	81.3	0.0	0.0	0.0	4.2
16	16.5	26.8	21.5	80.3	0.0	.1	.1	5.8
17	17.5	28.4	20.9	83.3	.8	.3	1.1	6.3
18	17.0	26.6	20.8	82.0	0.0	0.0	0.0	2.7
19	16.5	26.0	20.7	79.3	0.0	0.0	0.0	3.7
20	17.5	25.7	20.2	80.0	0.0	0.0	0.0	2.7
21	16.0	27.4	21.2	74.3	0.0	0.0	0.0	6.7
22	16.5	27.5	20.6	83.7	0.0	1.4	1.4	1.0
23	16.2	28.0	21.9	79.3	19.7	38.3	58.0	7.0
24	16.5	26.6	21.7	82.0	0.0	0.0	0.0	3.6
25	17.5	26.5	21.3	82.3	0.0	74.0	74.0	2.9
26	16.5	19.2	17.8	94.0	21.0	0.0	21.0	0.0
27	16.4	21.4	18.3	96.7	40.0	0.0	40.0	.1
28	15.5	22.2	18.2	92.7	.8	0.0	.8	1.1
29	14.6	27.5	21.5	81.0	.2	3.5	3.7	5.1
30	16.4	26.8	21.2	81.3	.5	34.7	35.2	5.1
31	16.0	24.5	19.9	85.3	0.0	1.1	1.1	3.8
TOTAL PROMEDIO	16.6	25.0	20.1	86.1	202.6	210.2	412.8	83.5

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	24.6	19.2	82.7	5.5	0.0	5.5	3.6
2	16.5	25.8	19.8	83.7	0.0	0.0	0.0	4.3
3	15.5	24.4	19.4	81.3	0.0	0.0	0.0	4.4
4	16.5	26.2	20.9	78.7	0.0	0.0	0.0	4.8
5	15.5	26.4	21.4	80.7	0.0	0.0	0.0	5.4
6	17.0	23.4	19.1	86.3	13.3	.2	13.5	.8
7	15.5	27.0	21.3	78.7	0.0	0.0	0.0	5.5
8	16.0	25.5	20.4	90.3	22.4	11.2	33.6	3.4
9	14.5	24.4	19.4	89.3	1.0	6.5	7.5	.4
10	15.6	25.7	19.7	87.0	1.9	11.8	13.7	2.2
11	15.5	23.2	19.5	90.3	1.3	1.8	3.1	.7
12	17.0	25.0	19.4	87.3	40.3	22.2	62.5	1.8
13	16.0	23.5	18.1	92.0	.8	0.0	.8	2.1
14	16.5	26.8	20.4	78.3	.1	26.9	27.0	4.6
15	16.0	22.7	18.8	91.7	.9	0.0	.9	1.4
16	15.9	27.0	20.8	76.3	0.0	0.0	0.0	5.6
17	16.3	26.5	21.2	83.0	0.0	36.8	36.8	4.8
18	16.0	27.4	21.8	79.0	0.0	2.7	2.7	7.4
19	15.5	24.5	19.4	89.7	7.2	0.0	7.2	1.3
20	16.5	25.1	20.4	85.7	0.0	0.0	0.0	3.3
21	17.0	26.6	20.9	75.7	0.0	0.0	0.0	6.1
22	17.5	25.5	20.1	78.3	0.0	0.0	0.0	1.6
23	16.3	24.4	19.6	85.7	13.6	0.0	13.6	2.5
24	16.0	25.8	20.6	85.0	8.9	0.0	8.9	5.8
25	15.5	28.2	22.6	69.7	0.0	0.0	0.0	10.1
26	15.4	27.0	21.0	81.0	1.4	1.3	2.7	6.6
27	16.0	26.8	20.7	83.7	.1	0.0	.1	2.9
28	17.5	27.6	20.9	82.7	0.0	.3	.3	
29	17.0	27.5	20.2	84.7	1.7	0.0	1.7	
30	16.2	26.2	19.4	83.7	.9	20.1	21.0	4.4
31								
TOTAL PROMEDIO	16.2	25.7	20.2	83.4	121.3	141.8	263.1	

ESTACION: SANTA BARBARA

DPTO: CUNDINAMARCA

LATITUD : 04° 57'N

AÑO: 1991

MPIO: SASAIMA

LONGITUD: 74° 25'W

ALTITUD : 1450 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	27.6	22.5	77.3	0.0	0.0	0.0	8.9
2	17.5	27.8	22.1	83.0	1.4	6.2	6.6	5.5
3	16.5	26.7	21.4	83.3	1.0	38.5	39.5	3.9
4	16.2	25.2	20.5	87.0	0.0	6.9	6.9	1.6
5	17.5	22.5	19.2	94.3	2.7	0.0	2.7	1.8
6	17.0	28.5	21.7	78.3	0.0	0.0	0.0	7.2
7	17.1	28.4	21.6	82.3	0.0	0.0	0.0	3.1
8	15.5	28.2	22.0	65.7	0.0	0.0	0.0	8.3
9	17.5	27.2	21.4	78.0	0.0	0.0	0.0	3.7
10	16.4	27.0	20.1	80.0	2.8	0.0	2.8	3.9
11	16.5	25.6	20.7	79.7	.2	0.0	.2	3.5
12	16.2	22.6	19.1	89.3	25.7	0.0	25.7	.9
13	16.5	27.6	21.2	84.3	1.3	0.0	1.3	5.2
14	17.6	24.5	20.6	90.7	1.0	.1	1.1	1.4
15	16.5	25.5	20.2	89.3	.8	0.0	.8	2.3
16	16.6	26.3	21.1	88.0	1.0	0.0	1.0	2.8
17	18.0	22.6	19.1	90.0	0.0	.6	.6	.3
18	17.0	24.0	19.4	85.0	29.5	12.0	41.5	1.5
19	15.5	24.5	20.1	85.3	0.0	17.3	17.3	.7
20	16.8	22.8	19.3	90.0	18.8	16.1	34.9	.5
21	15.0	21.2	18.7	91.3	3.2	7.0	10.2	.1
22	16.5	22.5	19.3	90.0	.4	.3	.7	.3
23	16.6	24.0	19.2	88.7	.6	.3	.9	1.7
24	16.4	24.5	19.3	86.7	10.3	0.0	10.3	1.5
25	15.0	25.6	20.3	82.7	.7	0.0	.7	4.1
26	15.5	27.0	21.2	78.7	0.0	0.0	0.0	8.0
27	18.0	27.2	21.0	82.7	0.0	0.0	0.0	2.6
28	18.2	27.5	22.1	69.7	0.0	0.0	0.0	5.3
29	18.0	26.2	21.4	70.0	0.0	.1	.1	4.3
30	17.0	24.5	19.8	87.0	0.0	2.0	2.0	1.0
31	16.5	23.5	19.7	90.7	0.0	0.0	0.0	.3
TOTAL PROMEDIO	16.7	25.4	20.5	83.8	100.4	107.4	207.8	96.2

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	25.4	20.8	87.0	0.0	2.0	2.0	3.1
2	16.0	25.5	20.7	89.3	13.8	6.4	20.2	5.4
3	18.0	24.8	20.4	86.7	2.0	0.0	2.0	1.8
4	16.0	27.4	22.1	81.0	0.0	0.0	0.0	7.2
5	17.5	25.0	20.3	85.7	7.4	0.0	7.4	3.5
6	16.8	23.0	18.3	96.7	6.4	.1	6.5	1.1
7	16.0	25.5	21.5	79.0	0.0	0.0	0.0	5.6
8	15.8	26.0	21.2	78.7	0.0	0.0	0.0	3.7
9	17.2	28.0	21.5	67.0	0.0	0.0	0.0	6.4
10	16.5	24.2	21.4	72.7	0.0	0.0	0.0	4.8
11	17.4	28.6	23.9	58.3	0.0	0.0	0.0	8.6
12	16.5	26.2	23.3	62.0	0.0	0.0	0.0	.6
13	17.5	27.7	21.8	70.7	0.0	0.0	0.0	4.2
14	17.0	24.8	20.1	85.3	4.6	8.1	12.7	2.0
15	16.8	27.0	20.5	84.7	.1	.4	.5	5.6
16	16.6	22.5	19.6	88.7	0.0	0.0	0.0	.1
17	16.0	24.5	19.4	86.7	5.4	3.1	8.5	3.5
18	15.5	27.8	20.9	83.0	.1	0.0	.1	5.5
19	16.0	27.0	22.6	63.3	.5	0.0	.5	7.3
20	16.5	26.7	22.1	77.7	.2	0.0	.2	4.5
21	17.2	25.6	20.7	81.3	0.0	0.0	0.0	2.9
22	16.5	26.7	21.5	80.0	0.0	0.0	0.0	5.7
23	17.0	27.0	20.9	82.3	0.0	0.0	0.0	2.3
24	16.0	24.5	20.0	84.7	0.0	0.0	0.0	1.1
25	17.5	25.7	21.1	73.3	.3	0.0	.3	3.1
26	16.0	23.5	19.9	83.7	1.6	49.7	51.3	4.2
27	16.1	22.6	18.6	92.0	3.8	1.7	5.5	.9
28	15.5	22.5	18.8	88.0	0.0	0.0	0.0	1.6
29	15.4	23.6	19.1	80.3	1.0	0.0	1.0	1.6
30	15.0	23.0	18.6	81.7	1.8	0.0	1.8	1.4
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.5	25.4	20.7	80.4	49.0	71.5	120.5	109.3

ESTACION: SANTA BARBARA

DPTO: CUNDINAMARCA

LATITUD : 04° 57'N

AÑO: 1991

MPIO: SASAIMA

LONGITUD : 74° 25'W

ALTITUD : 1450 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	22.5	18.9	91.7	5.3	0.0	5.3	1.1
2	15.0	24.9	20.5	78.7	.1	0.0	.1	5.4
3	16.5	26.6	21.4	72.7	0.0	0.0	0.0	3.4
4	17.0	23.5	19.2	80.0	1.5	0.0	1.5	1.5
5	16.0	22.5	18.5	90.3	1.8	3.0	4.8	.9
6	16.2	25.2	20.0	82.7	.3	2.8	3.1	2.7
7	15.5	23.4	19.3	88.0	0.0	0.0	0.0	.9
8	16.0	25.8	20.6	79.0	.1	.2	.3	3.7
9	15.9	24.9	19.5	84.7	.5	.1	.6	2.1
10	15.5	25.8	19.7	84.3	3.3	0.0	3.3	5.5
11	18.5	27.0	21.2	70.7	0.0	.2	.2	2.9
12	16.5	26.5	20.2	76.7	.6	0.0	.6	5.2
13	14.5	23.7	19.6	80.0	0.0	0.0	0.0	1.8
14	15.5	25.2	21.6	65.0	0.0	0.0	0.0	2.4
15	16.5	27.2	21.7	72.7	0.0	0.0	0.0	4.0
16	17.0	25.4	20.3	75.0	0.0	0.0	0.0	2.8
17	18.0	25.8	20.6	71.3	0.0	0.0	0.0	3.9
18	16.0	25.4	20.6	79.3	.2	.1	.3	3.1
19	17.0	27.0	20.6	67.7	0.0	0.0	0.0	5.1
20	18.0	27.8	23.5	54.3	0.0	0.0	0.0	5.0
21	17.8	26.6	20.2	77.3	1.8	0.0	1.8	5.0
22	15.5	26.8	21.7	70.7	0.0	0.0	0.0	4.2
23	18.5	26.7	21.6	68.7	0.0	0.0	0.0	3.4
24	16.5	25.8	19.9	79.0	0.0	0.0	0.0	.4
25	18.0	26.0	22.0	61.3	.4	0.0	.4	2.4
26	16.7	25.6	21.2	67.0	0.0	0.0	0.0	1.2
27	18.5	27.4	21.1	66.7	0.0	0.0	0.0	3.9
28	17.0	25.5	20.3	81.7	2.6	0.0	2.6	1.7
29	16.5	26.4	20.6	80.3	.1	0.0	.1	4.9
30	16.0	22.5	18.7	91.3	19.0	5.3	24.3	1.2
31	14.5	23.8	18.3	90.3	0.0	0.0	0.0	1.1
TOTAL					37.6	11.7	49.3	92.8
PROMEDIO	16.6	25.5	20.4	76.7				

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	18.5	17.4	94.7	1.0	0.0	1.0	0.0
2	14.5	26.8	19.6	80.3	0.0	.5	.5	4.3
3	16.5	25.5	19.5	67.7	0.0	0.0	0.0	5.6
4	15.0	26.6	20.8	65.3	0.0	0.0	0.0	6.4
5	15.5	23.5	18.9	86.0	0.0	0.0	0.0	.7
6	15.0	24.8	19.8	78.7	0.0	0.0	0.0	3.3
7	15.1	25.8	20.7	70.0	.7	5.1	5.8	5.0
8	14.6	26.9	20.6	79.0	0.0	7.7	7.7	7.6
9	16.0	25.1	19.7	84.7	3.6	1.2	4.8	4.2
10	15.7	25.0	20.2	73.7	0.0	0.0	0.0	6.7
11	18.0	27.5	21.9	49.3	0.0	0.0	0.0	5.8
12	17.4	24.5	20.6	52.7	0.0	0.0	0.0	7.4
13	17.0	28.2	22.0	51.0	0.0	0.0	0.0	7.7
14	16.6	27.9	21.6	64.7	0.0	0.0	0.0	8.1
15	16.0	25.2	20.7	64.0	0.0	0.0	0.0	6.3
16	15.5	24.8	20.5	69.3	.5	0.0	.5	1.1
17	16.0	25.0	20.2	66.7	0.0	0.0	0.0	4.6
18	16.5	24.9	19.2	78.3	.2	0.0	.2	2.4
19	15.0	26.3	20.5	70.3	0.0	0.0	0.0	3.3
20	16.0	26.0	19.9	72.0	.1	0.0	.1	5.0
21	15.0	25.8	20.2	74.3	0.0	0.0	0.0	3.5
22	16.0	26.2	21.5	60.0	0.0	0.0	0.0	4.8
23	17.5	23.5	20.7	62.3	0.0	0.0	0.0	1.1
24	15.5	26.7	20.6	68.0	0.0	0.0	0.0	4.8
25	15.0	27.0	21.7	64.0	0.0	0.0	0.0	6.2
26	14.5	26.9	21.7	65.0	0.0	0.0	0.0	5.5
27	16.5	29.0	23.4	53.0	0.0	0.0	0.0	8.0
28	17.0	27.6	21.0	64.0	0.0	0.0	0.0	3.3
29	17.3	28.0	23.0	48.0	0.0	0.0	0.0	6.7
30	17.5	25.7	18.4	78.3	.5	0.0	.5	1.4
31	16.5	27.5	20.8	64.3	0.0	1.7	1.7	5.6
TOTAL					6.6	16.2	22.8	146.4
PROMEDIO	16.0	25.9	20.5	68.4				

ESTACION: SANTA BARBARA

DPTO: CUNDINAMARCA

LATITUD : 04° 57'N

AÑO: 1991

MPIO: SASAIMA

LONGITUD: 74° 25'W
ALTITUD : 1450 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	26.9	21.6	61.3	0.0	0.0	0.0	5.3
2	18.5	28.4	22.4	48.7	0.0	0.0	0.0	9.6
3	15.5	28.2	21.8	58.7	0.0	0.0	0.0	4.5
4	18.5	27.7	21.4	61.7	0.0	0.0	0.0	4.6
5	16.5	27.5	23.4	53.3	0.0	0.0	0.0	6.9
6	18.5	28.6	22.0	65.3	0.0	0.0	0.0	2.5
7	16.5	28.9	22.3	69.3	0.0	0.0	0.0	6.4
8	15.0	31.9	24.1	57.7	0.0	0.0	0.0	9.3
9	16.8	31.0	25.2	47.0	0.0	0.0	0.0	7.9
10	18.0	30.1	23.8	55.0	0.0	0.0	0.0	7.1
11	17.2	25.2	20.3	70.7	0.0	0.0	0.0	3.9
12	18.5	29.5	23.6	51.3	0.0	0.0	0.0	4.7
13	17.5	27.6	22.8	51.7	0.0	0.0	0.0	4.9
14	17.4	28.0	22.4	63.7	0.0	1.0	1.0	5.0
15	18.5	28.5	20.6	79.3	10.5	.3	10.8	1.1
16	17.0	25.5	19.9	82.0	4.9	.4	5.3	.5
17	16.5	24.5	19.6	81.0	0.0	.4	.4	2.2
18	16.0	25.2	19.3	82.3	.4	11.2	11.6	4.3
19	16.1	26.9	20.2	79.0	0.0	60.2	60.2	4.7
20	15.5	23.6	18.7	85.0	18.0	0.0	18.0	1.7
21	16.3	21.4	19.0	90.3	5.2	.9	6.1	.2
22	16.2	23.5	18.4	86.0	.5	10.0	10.5	2.1
23	16.0	24.1	19.4	85.3	0.0	.8	.8	2.5
24	17.0	23.2	17.7	95.7	13.7	0.0	13.7	3.3
25	14.5	24.9	18.6	90.0	5.3	0.0	5.3	4.0
26	17.0	27.2	20.4	79.3	0.0	0.0	0.0	3.1
27	16.6	24.9	19.2	82.0	12.7	0.0	12.7	3.5
28	16.0	26.8	18.8	83.0	54.3	12.3	66.6	5.5
29	16.2	25.5	19.9	82.0	8.8	33.5	42.3	3.6
30	17.0	27.2	20.2	81.7	7.1	6.5	13.6	6.2
31								
TOTAL					141.4	137.5	278.9	131.1
PROMEDIO	16.8	26.7	20.9	72.0				

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	26.4	19.2	80.7	32.1	6.7	38.8	6.4
2	16.0	25.5	20.2	80.7	0.0	0.0	0.0	2.8
3	17.0	25.7	20.0	78.0	0.0	0.0	0.0	5.6
4	16.0	26.6	19.9	72.7	0.0	0.0	0.0	7.5
5	15.5	26.8	20.6	81.3	8.3	9.6	17.9	6.3
6	15.0	25.0	20.6	79.3	0.0	22.6	22.6	6.8
7	16.2	25.5	19.5	81.0	6.7	48.7	55.4	4.4
8	14.5	22.5	18.3	85.3	0.0	6.4	6.4	1.1
9	16.5	23.0	18.1	91.3	.6	0.0	.6	.8
10	15.4	23.4	19.4	86.7	0.0	0.0	0.0	.7
11	15.5	24.5	19.7	77.7	5.4	0.0	5.4	3.9
12	15.4	25.9	19.2	83.3	1.7	.1	1.8	4.9
13	17.0	26.6	20.8	77.0	0.0	0.0	0.0	7.5
14	15.5	26.4	21.3	69.7	0.0	0.0	0.0	7.6
15	15.4	25.5	19.4	81.0	0.0	0.0	0.0	4.2
16	16.5	24.0	19.9	84.0	0.0	0.0	0.0	2.5
17	16.6	26.6	21.2	79.3	3.3	.1	3.4	
18	17.8	25.5	20.5	70.7	0.0	0.0	0.0	
19	16.0	25.3	19.8	76.0	0.0	0.0	0.0	4.2
20	15.2	25.7	22.5	52.3	0.0	0.0	0.0	8.5
21	15.0	26.8	21.5	55.7	0.0	0.0	0.0	8.3
22	17.5	26.0	21.5	58.3	0.0	0.0	0.0	3.3
23	15.0	27.3	22.1	64.0	0.0	0.0	0.0	8.0
24	18.0	27.5	21.9	58.7	0.0	0.0	0.0	6.7
25	15.0	27.2	20.1	79.0	16.8	.4	17.2	6.0
26	15.2	23.5	19.6	82.3	0.0	0.0	0.0	1.7
27	15.0	23.7	20.0	82.7	.6	0.0	.6	2.4
28	16.4	26.5	19.9	76.7	0.0	0.0	0.0	4.3
29	15.1	26.6	20.1	76.3	3.7	0.0	3.7	4.0
30	16.0	23.4	19.1	90.3	8.6	0.0	8.6	.7
31	15.8	26.5	20.3	76.7	.7	.1	.8	5.0
TOTAL					88.5	94.7	183.2	
PROMEDIO	15.9	25.5	20.2	76.4				

ESTACION: SANTA BARBARA

DPTO: CUNDINAMARCA

LATITUD : 04° 57'N

AÑO: 1991

MPIO: SASAIMA

LONGITUD: 74° 25'W

ALTITUD : 1450 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIÁ	NOCHE	TOTAL	
1	16.0	26.0	20.4	77.7	0.0	0.0	0.0	4.8
2	15.5	26.6	20.5	81.3	0.0	24.4	24.4	4.5
3	14.5	25.2	19.9	83.7	0.0	25.7	25.7	5.9
4	16.0	23.8	18.3	87.0	5.2	2.7	7.9	1.7
5	15.8	25.5	19.9	82.7	.4	.8	1.2	3.4
6	17.0	25.4	19.6	86.0	0.0	2.5	2.5	2.7
7	17.5	21.6	18.0	93.3	1.3	0.0	1.3	.7
8	14.5	24.6	19.2	82.3	11.3	1.0	12.3	3.1
9	16.5	20.4	18.0	90.0	5.3	8.3	13.6	0.0
10	16.0	24.5	19.0	86.3	0.0	11.5	11.5	2.5
11	16.1	24.6	19.0	84.7	1.3	.5	1.8	3.5
12	16.5	26.5	20.2	83.0	0.0	0.0	0.0	4.4
13	17.0	24.4	18.7	85.3	46.1	23.9	70.0	1.3
14	15.5	26.3	18.9	82.3	16.5	2.1	18.6	7.2
15	17.0	23.8	19.0	86.7	7.4	14.2	21.6	.6
16	16.5	24.5	18.9	85.7	0.0	53.4	53.4	1.5
17	16.4	24.2	19.5	84.7	.6	7.7	8.3	1.6
18	16.5	24.4	19.3	80.3	.4	0.0	.4	3.2
19	16.0	24.2	19.7	84.3	0.0	0.0	0.0	2.7
20	15.0	26.0	19.1	84.7	3.2	27.0	30.2	4.9
21	16.0	24.0	18.4	88.7	2.9	0.0	2.9	2.9
22	15.8	24.2	19.3	89.7	0.0	0.0	0.0	3.0
23	15.5	24.0	19.9	87.7	7.5	.2	7.7	3.0
24	16.5	25.7	20.0	85.3	.2	7.7	7.9	3.4
25	16.3	23.2	18.9	87.0	0.0	0.0	0.0	.2
26	17.5	22.5	19.9	90.0	.2	0.0	.2	.1
27	16.5	23.5	19.3	90.0	0.0	0.0	0.0	1.4
28	17.0	26.3	20.3	81.0	0.0	0.0	0.0	4.0
29	16.0	25.0	19.5	81.7	0.0	0.0	0.0	2.1
30	16.5	24.9	19.7	79.3	0.0	0.0	0.0	4.2
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.2	24.5	19.3	85.1	109.8	213.6	323.4	84.5

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIÁ	NOCHE	TOTAL	
1	15.4	27.5	20.5	79.0	0.0	0.0	0.0	8.5
2	17.0	25.5	20.1	86.0	9.4	0.0	9.4	3.9
3	17.1	22.8	19.5	86.0	1.6	0.0	1.6	1.8
4	15.5	26.5	20.8	77.7	0.0	2.7	2.7	6.7
5	16.5	24.5	19.7	87.3	.8	3.4	4.2	1.7
6	15.7	25.8	20.2	86.7	0.0	0.0	0.0	1.1
7	16.0	25.9	20.1	82.3	19.0	1.4	20.4	4.2
8	16.5	25.6	21.2	85.0	3.5	18.7	22.2	3.4
9	16.0	24.0	19.6	83.7	1.4	7.0	8.4	.9
10	16.5	25.8	20.3	83.3	3.0	43.2	46.2	2.7
11	15.0	22.5	19.2	87.7	0.0	0.0	0.0	2.0
12	16.5	26.8	21.3	81.7	0.0	18.9	18.9	5.0
13	17.6	25.5	20.7	85.0	0.0	0.0	0.0	3.2
14	18.0	26.5	21.1	81.3	0.0	0.0	0.0	4.6
15	17.5	23.6	19.4	87.3	.7	52.7	53.4	.4
16	16.5	20.0	17.9	92.0	4.7	39.0	43.7	0.0
17	16.0	19.8	18.0	93.0	.4	28.8	29.2	0.0
18	16.5	22.6	18.3	91.3	23.6	5.1	28.7	.7
19	16.0	25.8	19.9	82.3	0.0	4.0	4.0	5.6
20	17.0	25.2	20.3	84.0	0.0	0.0	0.0	3.1
21	16.0	25.6	20.6	79.7	0.0	0.0	0.0	4.9
22	16.5	22.2	19.3	84.3	0.0	0.0	0.0	.8
23	17.0	23.5	19.9	83.3	0.0	.3	.3	1.4
24	16.5	22.5	19.1	82.7	0.0	0.0	0.0	.7
25	16.0	23.5	19.6	85.3	.1	1.0	1.1	3.4
26	15.3	23.4	19.8	84.0	0.0	0.0	0.0	3.8
27	15.5	25.5	20.3	83.7	0.0	0.0	0.0	4.7
28	16.2	25.7	20.7	77.0	0.0	9.6	9.6	5.0
29	15.6	22.5	19.1	84.3	0.0	.2	.2	.2
30	14.6	24.1	19.6	85.0	0.0	0.0	0.0	7.0
31	15.0	26.4	20.4	64.3	0.0	0.0	0.0	6.0
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.2	24.4	19.9	83.8	68.2	236.0	304.2	97.4

Estación: SANTA BARBARA

Dpto.: CUNDINAMARCA

Latitud : 04° 57'N

Año: 1991

Mpio.: SASAIMA

Longitud: 74° 25'W
Altitud : 1450 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	16.0	26.3	20.5	13.5	28.7	80.8	160.3	11	165.1
FEBRERO	16.9	25.4	20.3	15.0	28.1	83.5	214.3	15	
MARZO	16.6	25.0	20.1	14.6	28.4	86.1	412.8	23	83.5
ABRIL	16.2	25.7	20.2	14.5	28.2	83.4	263.1	20	
MAYO	16.7	25.4	20.5	15.0	28.5	83.8	207.8	22	96.2
JUNIO	16.5	25.4	20.7	15.0	28.6	80.4	120.5	16	109.3
JULIO	16.6	25.5	20.4	14.5	27.8	76.7	49.3	16	92.8
AGOSTO	16.0	25.9	20.5	14.5	29.0	68.4	22.8	10	146.4
SEPTIEMBRE	16.8	26.7	20.9	14.5	31.9	72.0	278.9	16	131.1
OCTUBRE	15.9	25.5	20.2	14.5	27.5	76.4	183.2	14	
NOVIEMBRE	16.2	24.5	19.3	14.5	26.6	85.1	323.4	21	84.5
DICIEMBRE	16.2	24.4	19.9	14.6	27.5	83.8	304.2	18	97.4
PROMEDIO	16.4	25.5	20.3			80.0			
ABSOLUTA				13.5	31.9				
TOTAL							2540.6	202	

ESTACION: MESITAS DE SANTA INES DPTO: CUNDINAMARCA

LATITUD : 04° 43'N

AÑO: 1991

MPIO: CACHIPAY

LONGITUD: 74° 28'W

ALTITUD : 1250 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	24.4	20.5	84.3	.4	0.0	.4	1.9
2	17.1	24.9	19.6	89.3	9.8	0.0	9.8	2.4
3	17.8	22.4	20.3	85.3	3.7	1.8	5.5	1.0
4	18.0	21.4	20.3	84.7	.6	0.0	.6	2.0
5	16.2	26.1	20.6	69.7	0.0	0.0	0.0	6.0
6	16.8	25.0	20.6	72.7	.8	0.0	.8	7.0
7	16.7	24.9	20.2	78.3	0.0	0.0	0.0	1.8
8	18.9	25.2	21.2	73.3	0.0	0.0	0.0	2.3
9	16.8	26.4	21.3	68.3	0.0	0.0	0.0	7.0
10	17.0	25.8	21.5	72.7	0.0	.6	.6	5.2
11	19.0	26.0	21.3	84.3	17.4	0.0	17.4	3.3
12	17.0	25.8	21.6	77.0	0.0	0.0	0.0	6.6
13	16.1	27.6	20.9	70.7	1.1	0.0	1.1	8.9
14	16.2	26.8	21.3	67.7	0.0	0.0	0.0	5.0
15	18.0	26.9	22.4	70.7	0.0	0.0	0.0	5.5
16	18.1	26.6	21.8	71.3	0.0	0.0	0.0	4.5
17	16.8	25.2	21.3	73.3	0.0	9.3	9.3	5.1
18	17.4	25.8	20.7	75.3	0.0	15.0	15.0	2.5
19	17.2	25.2	19.9	80.0	17.7	0.0	17.7	4.2
20	15.9	26.3	20.1	76.0	4.4	0.0	4.4	7.1
21	16.0	25.1	21.0	77.3	0.0	0.0	0.0	5.7
22	17.1	25.2	20.8	69.3	0.0	0.0	0.0	5.2
23	16.2	24.6	20.8	63.7	0.0	0.0	0.0	4.6
24	17.0	26.2	20.9	57.0	0.0	0.0	0.0	6.9
25	17.2	28.0	21.8	54.3	0.0	0.0	0.0	9.6
26	16.0	26.0	20.8	57.0	0.0	0.0	0.0	6.6
27	18.1	25.5	20.8	64.0	.1	0.0	.1	2.5
28	17.0	28.2	23.7	54.7	0.0	0.0	0.0	8.3
29	18.7	28.4	23.8	51.0	0.0	0.0	0.0	8.2
30	18.0	26.8	22.5	55.3	0.0	0.0	0.0	7.1
31	17.6	26.0	21.4	69.7	0.0	0.0	0.0	5.3
TOTAL PROMEDIO	17.2	25.8	21.1	70.9	56.0	26.7	82.7	160.3

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	27.0	21.7	70.3	0.0	0.0	0.0	5.6
2	16.8	27.2	22.1	61.0	0.0	5.9	5.9	7.4
3	17.0	26.0	18.8	80.0	11.9	1.8	13.7	3.8
4	16.5	22.6	18.4	90.3	38.9	0.0	38.9	.3
5	17.8	25.2	20.5	72.0	.1	0.0	.1	4.0
6	17.5	25.8	20.4	78.3	0.0	12.7	12.7	5.2
7	18.0	23.5	20.4	82.0	0.0	0.0	0.0	1.5
8	17.0	23.0	19.8	79.0	.3	0.0	.3	2.3
9	16.0	24.5	19.7	80.0	0.0	0.0	0.0	3.2
10	16.7	24.8	20.5	75.0	0.0	0.0	0.0	5.8
11	17.0	24.9	21.3	80.7	5.3	0.0	5.3	3.5
12	17.2	23.2	19.8	87.3	.1	0.0	.1	.7
13	17.0	24.1	21.2	78.7	0.0	0.0	0.0	4.6
14	17.5	24.0	20.6	82.0	.4	0.0	.4	4.1
15	18.0	25.0	21.2	69.3	0.0	0.0	0.0	3.2
16	17.2	23.0	21.1	78.0	0.0	0.0	0.0	2.6
17	18.0	25.8	21.5	78.0	0.0	0.0	0.0	4.0
18	17.0	24.8	20.6	81.3	0.0	9.5	9.5	3.2
19	18.0	28.0	22.0	80.0	.2	2.2	2.4	7.6
20	17.8	24.2	20.0	89.3	.4	7.5	7.9	4.1
21	17.5	26.0	22.0	64.7	0.0	0.0	0.0	3.4
22	17.1	26.2	21.6	64.7	0.0	0.0	0.0	5.2
23	19.0	26.8	22.3	66.7	0.0	0.0	0.0	4.7
24	18.2	25.0	21.0	66.7	0.0	0.0	0.0	4.1
25	18.3	26.0	22.6	69.0	0.0	0.0	0.0	3.8
26	19.0	27.0	22.5	68.0	0.0	0.0	0.0	5.9
27	17.5	26.8	21.8	69.7	0.0	0.0	0.0	6.4
28	19.0	27.0	22.1	70.7	0.0	0.0	0.0	5.2
29								
30								
31								
TOTAL PROMEDIO	17.5	25.3	21.0	75.5	57.6	39.6	97.2	115.4

ESTACION: MESITAS DE SANTA INES DPTO: CUNDINAMARCA

LATITUD : 04° 43'N

AÑO: 1991

MPIO: CACHIPAY

LONGITUD: 74° 28'W

ALTITUD : 1250 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	27.0	21.2	68.7	0.0	0.0	0.0	3.8
2	18.2	25.5	21.5	72.7	0.0	9.9	9.9	1.0
3	17.2	24.6	20.9	83.0	0.0	0.0	0.0	1.5
4	18.2	24.9	19.8	88.0	21.9	1.6	23.5	2.5
5	16.9	22.0	19.1	92.7	3.2	0.0	3.2	.8
6	18.0	25.0	20.6	80.7	0.0	0.0	0.0	2.1
7	17.9	21.3	19.8	88.3	9.0	1.1	10.1	.3
8	17.8	23.4	20.2	86.7	16.5	3.7	20.2	2.5
9	17.2	25.0	20.8	78.7	0.0	.3	.3	2.9
10	17.0	21.0	18.5	95.3	2.5	0.0	2.5	.2
11	17.1	25.0	21.2	75.7	1.9	0.0	1.9	4.2
12	17.0	24.9	20.5	82.0	14.8	.2	15.0	1.6
13	17.6	26.4	21.3	74.3	.3	0.0	.3	1.9
14	17.5	23.5	20.3	79.0	0.0	0.0	0.0	2.5
15	17.0	26.2	21.7	69.3	.6	0.0	.6	5.0
16	17.1	26.0	22.5	71.3	0.0	0.0	0.0	5.3
17	18.0	26.1	22.2	78.3	0.0	0.0	0.0	4.6
18	17.9	26.2	22.6	75.3	0.0	0.0	0.0	3.6
19	18.5	26.5	21.7	71.7	0.0	0.0	0.0	5.5
20	18.0	26.7	21.4	69.7	0.0	0.0	0.0	4.0
21	17.0	28.0	22.0	60.3	0.0	0.0	0.0	8.3
22	16.8	26.2	21.0	73.3	0.0	0.0	0.0	1.5
23	18.0	27.2	22.1	74.3	0.0	1.4	1.4	5.7
24	18.2	24.5	20.9	87.0	.7	.1	.8	1.7
25	17.5	24.0	20.2	86.3	6.0	.6	6.6	2.3
26	18.7	20.2	19.2	93.0	4.8	8.4	13.2	0.0
27	18.0	23.9	20.1	85.3	1.7	2.0	3.7	.8
28	17.8	22.8	19.5	78.0	3.2	0.0	3.2	0.0
29	16.8	27.5	21.8	63.0	0.0	0.0	0.0	6.0
30	18.0	25.5	21.0	84.0	.3	9.8	10.1	5.2
31	15.2	23.5	20.1	81.3	0.0	0.0	0.0	5.2
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.6	24.9	20.8	78.9	87.4	39.1	126.5	92.5

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	26.5	20.6	75.0	0.0	0.0	0.0	5.3
2	18.0	25.6	20.6	79.0	0.0	0.0	0.0	4.1
3	17.5	26.2	20.9	69.0	0.0	.3	.3	5.1
4	17.8	26.1	21.3	60.3	0.0	0.0	0.0	4.6
5	16.3	26.0	20.8	71.7	0.0	.8	.8	7.1
6	17.0	23.7	19.4	79.0	0.0	0.0	0.0	2.2
7	17.1	24.9	20.1	72.0	0.0	0.0	0.0	4.8
8	17.0	26.0	21.5	68.0	1.5	8.1	9.6	3.4
9	16.9	24.8	18.7	88.3	1.5	.4	1.9	5.4
10	17.0	24.5	19.9	81.7	0.0	0.0	0.0	4.3
11	16.8	25.2	20.5	72.7	4.8	0.0	4.8	4.2
12	17.8	23.8	20.8	80.0	.2	38.4	38.6	3.4
13	16.0	23.7	18.8	87.0	.5	1.3	1.8	3.2
14	17.0	24.0	19.4	84.7	.1	3.3	3.4	2.6
15	17.1	22.6	19.1	85.3	14.9	2.2	17.1	2.6
16	18.0	26.2	20.8	75.0	0.0	0.0	0.0	5.8
17	19.0	26.0	21.0	79.0	0.0	0.0	0.0	5.2
18	17.0	26.5	21.0	79.7	0.0	4.7	4.7	7.7
19	17.1	24.2	20.3	82.3	0.0	0.0	0.0	4.1
20	17.5	22.8	20.4	82.0	2.0	0.0	2.0	1.7
21	15.7	25.0	20.1	66.7	0.0	0.0	0.0	4.2
22	16.8	26.3	20.2	71.0	0.0	.1	.1	5.1
23	18.8	26.2	21.2	71.0	0.0	0.0	0.0	4.2
24	17.8	26.5	21.6	72.7	0.0	0.0	0.0	6.1
25	17.5	27.0	22.5	51.3	0.0	0.0	0.0	9.9
26	16.8	26.2	21.5	68.7	0.0	0.0	0.0	6.3
27	17.5	26.4	20.6	78.7	.1	0.0	.1	4.9
28	17.1	22.9	19.7	81.0	5.6	0.0	5.6	2.8
29	17.0	25.7	21.6	77.7	0.0	0.0	0.0	5.5
30	18.0	26.0	20.8	79.0	.2	10.9	11.1	3.8
31	====	====	====	====	====	====	====	====
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.3	25.3	20.5	75.6	31.4	70.5	101.9	139.6

ESTACION: MESITAS DE SANTA INES DPTO: CUNDINAMARCA

LATITUD : 04° 43'N

AÑO: 1991

MPIO: CACHIPAY

LONGITUD: 74° 28'W

ALTITUD : 1250 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	24.0	20.6	75.0	0.0	0.0	0.0	4.4
2	18.0	23.4	20.5	77.0	0.0	0.0	0.0	.7
3	18.1	25.2	21.8	73.7	.3	1.1	1.4	4.3
4	17.0	24.7	19.9	78.3	0.0	0.0	0.0	2.8
5	17.8	23.0	18.7	87.7	12.4	0.0	12.4	1.5
6	17.0	27.1	20.6	69.0	0.0	0.0	0.0	6.9
7	18.2	24.0	19.7	76.0	1.5	0.0	1.5	1.0
8	16.8	27.8	21.6	62.3	0.0	0.0	0.0	10.4
9	18.2	22.9	20.8	72.0	0.0	0.0	0.0	.4
10	17.0	26.6	21.3	69.7	.1	0.0	.1	6.7
11	17.6	26.0	20.5	73.0	0.0	0.0	0.0	5.9
12	17.8	23.4	19.4	79.7	2.1	0.0	2.1	2.6
13	17.0	25.4	20.8	78.3	0.0	0.0	0.0	2.9
14	18.7	22.8	20.7	79.7	14.5	0.0	14.5	1.4
15	18.0	25.0	21.0	68.7	0.0	0.0	0.0	4.1
16	18.4	24.8	21.5	72.0	0.0	0.0	0.0	2.2
17	17.8	21.0	18.5	85.3	.7	0.0	.7	0.0
18	17.2	21.2	19.4	89.3	0.0	29.0	29.0	1.5
19	16.0	23.4	19.6	84.0	0.0	18.5	18.5	1.4
20	16.5	21.8	19.8	84.3	.1	1.7	1.8	.4
21	16.0	23.2	19.1	86.3	.6	7.9	8.5	1.0
22	16.1	21.0	18.7	93.7	.7	.7	1.4	.3
23	17.0	21.6	19.1	82.7	.1	.4	.5	.2
24	17.4	25.4	21.0	66.3	.1	0.0	.1	4.4
25	16.5	22.5	19.8	78.3	0.0	0.0	0.0	2.1
26	16.7	26.4	21.3	70.0	0.0	0.0	0.0	7.2
27	17.0	26.2	20.7	77.3	0.0	0.0	0.0	4.1
28	17.4	27.2	21.3	62.7	0.0	0.0	0.0	7.9
29	18.0	26.0	21.8	61.7	0.0	.4	.4	4.8
30	17.8	26.4	21.1	70.0	0.0	0.0	0.0	7.5
31	18.2	22.4	19.5	85.0	.2	0.0	.2	.8
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.4	24.3	20.3	76.4	33.4	59.7	93.1	101.8

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	26.2	21.2	69.7	0.0	0.0	0.0	6.0
2	17.6	26.8	21.5	76.0	.4	32.6	33.0	4.8
3	16.2	25.8	20.6	72.3	0.0	0.0	0.0	1.9
4	17.8	26.5	21.9	66.0	0.0	0.0	0.0	6.4
5	18.4	25.0	20.3	83.0	.9	0.0	.9	4.3
6	17.3	22.6	19.9	81.0	17.3	0.0	17.3	1.3
7	17.2	25.2	20.8	77.0	0.0	0.0	0.0	4.4
8	18.3	22.7	19.7	82.3	9.4	0.0	9.4	1.6
9	16.2	26.3	21.4	60.7	0.0	0.0	0.0	10.0
10	16.3	22.2	19.9	74.0	.7	0.0	.7	2.2
11	15.3	25.8	21.6	58.0	0.0	0.0	0.0	10.8
12	15.2	25.0	21.4	63.0	0.0	0.0	0.0	4.1
13	16.7	25.3	20.2	74.7	0.0	0.0	0.0	4.5
14	18.0	23.2	20.3	76.3	0.0	0.0	0.0	.7
15	16.0	25.8	20.3	78.3	0.0	0.0	0.0	6.8
16	17.6	20.8	19.1	91.7	1.1	0.0	1.1	1.3
17	16.8	25.4	20.3	74.0	0.0	0.0	0.0	1.5
18	17.2	24.4	19.6	75.0	3.1	0.0	3.1	4.1
19	17.7	26.2	21.8	57.7	0.0	0.0	0.0	8.4
20	17.0	25.2	22.1	67.0	0.0	0.0	0.0	5.3
21	17.5	25.0	20.4	69.3	1.8	0.0	1.8	2.8
22	16.8	24.2	20.8	67.3	0.0	0.0	0.0	5.0
23	17.2	23.0	18.8	88.3	1.6	0.0	1.6	1.4
24	16.8	23.2	20.0	87.0	0.0	0.0	0.0	.3
25	16.9	26.0	21.0	64.3	0.0	0.0	0.0	9.2
26	17.2	24.0	19.7	76.7	.5	0.0	.5	4.5
27	17.0	22.4	18.8	86.7	6.5	1.3	7.8	.4
28	16.2	24.0	19.0	74.0	0.0	0.0	0.0	4.7
29	16.0	19.3	17.8	81.3	.9	0.0	.9	.3
30	15.8	23.2	18.7	70.7	0.0	0.0	0.0	3.4
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.9	24.4	20.3	74.1	44.2	33.9	78.1	122.4

ESTACION: MESITAS DE SANTA INES DPTO: CUNDINAMARCA

LATITUD : 04° 43'N

AÑO: 1991

MPIO: CACHIPAY

LONGITUD: 74° 28'W
ALTITUD : 1250 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.6	20.0	18.3	88.0	.5	0.0	.5	.3
2	16.0	24.4	20.5	72.0	0.0	.1	.1	6.0
3	17.2	24.6	22.0	65.0	0.0	0.0	0.0	5.8
4	16.8	25.2	20.8	65.7	0.0	.8	.8	3.7
5	17.0	21.2	18.0	85.7	6.3	0.0	6.3	.9
6	16.8	23.0	19.3	78.0	0.0	1.5	1.5	2.3
7	15.4	22.6	18.5	85.0	6.1	0.0	6.1	.6
8	16.0	25.8	20.5	67.3	0.0	1.4	1.4	5.6
9	17.8	23.2	19.6	79.7	0.0	0.0	0.0	2.3
10	17.0	23.8	19.7	77.0	0.0	0.0	0.0	5.9
11	17.2	24.5	20.2	72.3	0.0	0.0	0.0	3.5
12	16.2	24.0	20.0	69.7	0.0	0.0	0.0	5.0
13	16.0	25.2	20.7	61.7	0.0	0.0	0.0	4.9
14	16.8	25.4	20.3	67.3	0.0	0.0	0.0	6.8
15	16.6	24.4	20.8	67.3	0.0	0.0	0.0	3.8
16	17.0	23.2	20.0	72.0	0.0	0.0	0.0	3.5
17	15.1	24.0	19.4	72.7	2.3	0.0	2.3	4.3
18	16.8	25.4	20.9	62.0	0.0	.3	.3	4.7
19	17.0	25.8	21.2	67.3	0.0	0.0	0.0	5.1
20	16.0	24.4	20.3	65.0	0.0	0.0	0.0	2.8
21	17.7	26.2	21.8	66.0	0.0	0.0	0.0	5.6
22	17.5	26.8	21.2	71.3	0.0	0.0	0.0	2.1
23	19.2	26.6	22.0	68.0	0.0	0.0	0.0	5.0
24	16.7	24.0	19.2	80.7	.8	0.0	.8	.8
25	16.9	26.4	22.0	59.0	0.0	0.0	0.0	8.4
26	18.4	24.2	20.9	68.7	0.0	.4	.4	1.5
27	18.7	26.2	21.3	66.3	0.0	0.0	0.0	5.1
28	18.2	26.0	21.8	65.3	0.0	0.0	0.0	2.2
29	18.5	27.0	22.4	68.0	0.0	0.0	0.0	5.2
30	18.2	24.0	20.7	76.7	0.0	8.3	8.3	.5
31	16.8	24.9	20.2	81.3	0.0	.1	.1	.7
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.0	24.6	20.4	71.4	16.0	12.9	28.9	114.9

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.7	22.0	19.8	86.3	.6	0.0	.6	.5
2	16.8	25.8	20.9	65.3	0.0	18.4	18.4	3.5
3	16.1	23.4	19.9	61.0	0.0	0.0	0.0	3.0
4	16.2	27.1	21.3	54.7	0.0	0.0	0.0	9.6
5	18.0	23.4	20.0	80.7	0.0	0.0	0.0	.7
6	17.0	26.1	20.8	71.3	.3	0.0	.3	3.5
7	16.7	24.2	20.5	72.7	2.4	1.6	4.0	4.3
8	16.8	26.1	20.1	80.3	0.0	1.8	1.8	6.7
9	17.0	24.2	20.4	79.3	0.0	.4	.4	2.4
10	17.4	23.8	19.7	75.3	0.0	0.0	0.0	4.3
11	16.7	25.6	21.1	51.3	0.0	0.0	0.0	7.2
12	17.0	24.9	20.8	53.7	0.0	0.0	0.0	4.2
13	17.7	26.2	21.1	53.0	0.0	0.0	0.0	4.8
14	17.0	25.0	19.8	70.7	7.2	.3	7.5	6.7
15	16.8	22.5	20.1	65.3	.1	0.0	.1	1.0
16	16.0	25.5	20.7	60.7	0.0	0.0	0.0	4.7
17	16.1	24.2	20.0	67.7	0.0	0.0	0.0	2.1
18	17.0	24.0	20.3	65.7	0.0	0.0	0.0	2.1
19	16.0	24.9	20.5	64.0	0.0	0.0	0.0	4.7
20	16.1	26.2	21.6	60.3	0.0	0.0	0.0	4.3
21	17.6	27.0	22.4	63.3	0.0	0.0	0.0	5.8
22	15.4	26.2	21.2	62.7	0.0	0.0	0.0	7.6
23	17.0	24.2	20.5	63.7	0.0	0.0	0.0	1.4
24	16.9	26.1	21.4	63.7	0.0	0.0	0.0	5.5
25	16.0	27.0	22.0	52.7	0.0	0.0	0.0	7.9
26	17.0	28.8	23.5	49.0	0.0	0.0	0.0	9.0
27	18.6	28.7	23.9	50.0	0.0	0.0	0.0	9.6
28	18.2	27.1	21.4	63.3	0.0	0.0	0.0	4.5
29	19.0	27.8	21.9	54.0	0.0	0.0	0.0	8.7
30	18.2	24.2	20.2	69.0	0.0	0.0	0.0	2.1
31	17.8	26.0	20.9	69.7	0.0	2.8	2.8	5.6
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.0	25.4	20.9	64.5	10.6	25.3	35.9	148.0

ESTACION: MESITAS DE SANTA INES DPTO: CUNDINAMARCA

LATITUD : 04° 43'N

AÑO: 1991

MPIO: CACHIPAY

LONGITUD: 74° 28'W
ALTITUD : 1250 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	23.8	19.6	74.7	0.0	0.0	0.0	.9
2	16.8	28.4	23.1	44.0	0.0	0.0	0.0	9.4
3	17.0	28.2	22.7	48.3	0.0	0.0	0.0	5.3
4	19.0	27.8	23.8	49.3	0.0	.2	.2	3.3
5	18.0	29.0	23.4	47.0	0.0	0.0	0.0	7.7
6	18.8	26.7	21.2	64.7	0.0	6.9	6.9	2.3
7	17.0	28.0	22.3	58.7	0.0	0.0	0.0	7.5
8	19.0	28.1	24.2	47.7	0.0	0.0	0.0	7.2
9	18.9	28.0	23.7	54.0	0.0	0.0	0.0	5.8
10	18.4	26.3	22.7	59.0	0.0	0.0	0.0	6.8
11	17.0	24.2	20.3	65.7	0.0	0.0	0.0	3.1
12	17.8	27.2	22.8	54.3	0.0	0.0	0.0	7.3
13	18.0	27.7	21.8	53.3	0.0	0.0	0.0	3.2
14	18.2	26.0	22.3	59.7	0.0	0.0	0.0	2.8
15	19.0	24.2	20.8	79.7	.3	0.0	.3	1.1
16	18.2	26.6	21.8	71.3	.1	0.0	.1	2.0
17	17.0	25.0	20.5	75.7	13.5	0.0	13.5	3.7
18	16.8	26.0	22.3	72.3	0.0	6.5	6.5	4.3
19	17.4	26.9	20.9	78.7	4.0	20.7	24.7	4.3
20	16.8	22.5	20.2	81.7	.2	0.0	.2	2.4
21	17.8	23.6	20.3	76.3	0.0	0.0	0.0	.4
22	17.0	23.7	20.5	78.3	.1	10.0	10.1	3.6
23	16.0	25.0	20.3	78.0	.1	34.4	34.5	4.6
24	16.4	23.4	18.7	84.0	22.6	0.0	22.6	4.1
25	18.0	27.2	21.9	66.7	0.0	.4	.4	7.2
26	18.1	25.8	21.8	72.7	2.6	4.6	7.2	5.1
27	18.2	27.2	22.1	69.7	0.0	0.0	0.0	6.7
28	17.4	26.6	21.9	68.3	0.0	0.0	0.0	5.7
29	17.0	26.2	21.5	73.0	1.0	0.0	1.0	5.6
30	17.9	26.0	21.8	77.7	1.2	3.8	5.0	5.6
31								
TOTAL					45.7	87.5	133.2	138.0
PROMEDIO	17.6	26.2	21.7	66.1				

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.4	25.4	21.8	71.3	0.0	0.0	0.0	5.3
2	16.9	24.0	20.5	87.3	0.0	0.0	0.0	2.3
3	17.8	24.1	20.8	70.0	0.0	0.0	0.0	4.3
4	17.0	26.2	21.3	61.3	0.0	0.0	0.0	8.9
5	17.1	26.0	22.0	61.0	0.0	0.0	0.0	8.1
6	17.2	26.4	21.6	70.7	0.0	0.0	0.0	7.8
7	18.0	24.8	20.1	79.3	5.5	12.1	17.6	2.6
8	15.0	21.2	19.1	79.7	.3	24.0	24.3	2.2
9	16.9	22.1	18.2	86.3	4.8	0.0	4.8	1.8
10	17.0	24.5	20.0	68.7	0.0	0.0	0.0	3.7
11	17.4	24.7	21.1	63.3	0.0	0.0	0.0	5.5
12	17.0	26.5	21.7	64.0	0.0	3.9	3.9	6.3
13	16.2	25.4	20.0	77.7	0.0	0.0	0.0	6.6
14	16.1	26.2	21.8	52.3	0.0	0.0	0.0	10.1
15	16.0	26.9	21.7	66.3	0.0	0.0	0.0	8.2
16	17.0	25.4	20.5	83.7	0.0	1.7	1.7	5.9
17	16.8	24.7	20.4	79.3	0.0	31.9	31.9	3.9
18	16.9	24.1	19.2	73.7	0.0	0.0	0.0	4.5
19	17.0	23.8	19.6	70.3	0.0	0.0	0.0	5.5
20	16.4	25.2	20.8	57.3	0.0	0.0	0.0	8.2
21	15.2	27.4	22.0	46.0	0.0	0.0	0.0	10.2
22	17.2	26.6	21.2	59.7	0.0	0.0	0.0	4.5
23	16.2	27.4	22.1	60.0	0.0	0.0	0.0	8.4
24	18.0	27.2	22.4	54.0	0.0	0.0	0.0	8.1
25	16.4	27.4	22.1	64.3	0.0	0.0	0.0	8.2
26	15.0	22.7	18.8	86.3	1.2	0.0	1.2	1.4
27	15.9	25.0	20.3	71.3	0.0	0.0	0.0	3.9
28	18.0	25.9	20.8	69.7	0.0	0.0	0.0	6.7
29	17.9	27.0	21.9	67.3	0.0	5.9	5.9	7.3
30	17.0	23.4	18.9	94.0	4.3	0.0	4.3	1.9
31	17.6	26.0	21.8	70.3	0.0	0.0	0.0	5.4
TOTAL					16.1	79.5	95.6	177.7
PROMEDIO	16.9	25.3	20.8	69.9				

ESTACION: MESITAS DE SANTA INES DPTO: CUNDINAMARCA

LATITUD : 04° 43'N

AÑO: 1991

MPIO: CACHIPAY

LONGITUD: 74° 28'W

ALTITUD : 1250 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.7	25.0	20.6	72.7	.3	0.0	.3	3.2
2	16.8	24.2	20.5	66.7	0.0	0.0	0.0	2.3
3	16.0	25.0	19.2	86.0	2.2	.3	2.5	7.3
4	17.6	25.2	18.5	92.7	29.0	0.0	29.0	2.7
5	16.7	23.7	19.7	92.7	3.0	.1	3.1	3.6
6	18.0	25.6	21.2	77.3	.6	10.3	10.9	2.9
7	17.2	23.2	18.5	89.0	29.1	0.0	29.1	1.5
8	16.0	23.6	19.7	80.3	0.0	2.2	2.2	4.7
9	17.0	19.7	18.0	94.7	10.9	0.0	10.9	0.0
10	16.9	22.4	19.5	92.0	.1	6.7	6.8	.5
11	17.0	23.2	20.1	90.7	15.7	0.0	15.7	3.1
12	17.6	23.6	20.1	88.7	4.0	0.0	4.0	3.5
13	18.2	25.6	20.1	87.7	0.0	3.1	3.1	5.3
14	17.2	23.8	20.0	89.0	8.9	4.5	13.4	4.0
15	17.6	19.5	18.5	96.7	6.0	3.1	9.1	0.0
16	17.0	22.6	19.6	85.0	.2	0.0	.2	2.4
17	17.1	24.2	20.6	73.7	.1	2.6	2.7	4.3
18	16.0	23.0	19.7	74.0	.8	0.0	.8	4.6
19	17.0	23.6	20.3	72.0	0.0	0.0	0.0	3.9
20	16.0	25.7	20.5	59.3	0.0	5.4	5.4	5.8
21	17.0	23.8	19.8	70.7	.5	0.0	.5	2.0
22	18.0	24.4	19.7	65.3	5.0	0.0	5.0	3.8
23	17.6	26.0	21.2	70.0	0.0	0.0	0.0	5.0
24	18.0	25.5	20.4	70.0	0.0	0.0	0.0	4.6
25	17.9	23.0	19.7	75.7	0.0	0.0	0.0	.2
26	17.0	22.4	19.6	74.0	1.6	0.0	1.6	.4
27	18.0	24.1	20.0	70.0	8.1	0.0	8.1	1.8
28	18.6	22.0	18.8	77.3	9.2	0.0	9.2	.1
29	17.5	23.5	19.6	64.7	0.0	0.0	0.0	1.5
30	18.0	25.4	20.8	60.0	0.0	0.0	0.0	4.3
31								
TOTAL								
PROMEDIO	17.3	23.8	19.8	78.6	135.3	38.3	173.6	89.3

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	26.2	21.3	56.3	0.0	0.0	0.0	7.3
2	17.8	24.9	20.5	71.3	.5	0.0	.5	4.0
3	17.9	23.1	20.0	74.0	0.0	0.0	0.0	2.1
4	16.2	25.5	20.6	62.3	0.0	0.0	0.0	7.1
5	17.0	24.5	20.7	74.3	0.0	.1	.1	3.8
6	18.0	23.2	20.2	78.3	1.9	0.0	1.9	2.2
7	17.0	23.8	20.6	67.3	0.0	0.0	0.0	3.0
8	18.0	24.4	20.9	74.0	0.0	0.0	0.0	2.6
9	17.0	23.2	20.3	71.3	1.8	0.0	1.8	.4
10	17.5	26.1	20.4	66.3	17.0	1.5	18.5	4.1
11	16.2	24.2	20.9	66.3	0.0	0.0	0.0	2.6
12	17.8	26.0	21.5	69.3	0.0	24.2	24.2	6.6
13	18.0	25.1	20.3	78.0	12.6	0.0	12.6	2.4
14	18.1	24.2	21.2	76.3	0.0	0.0	0.0	2.7
15	18.0	21.0	19.1	86.0	15.5	3.0	18.5	.1
16	18.1	22.1	19.5	78.0	3.7	0.0	3.7	.3
17	18.2	22.0	18.7	82.3	3.0	8.2	11.2	.4
18	17.4	21.5	18.9	79.0	.5	0.0	.5	.1
19	17.2	24.2	19.4	76.3	2.7	0.0	2.7	3.1
20	16.6	23.4	20.4	73.3	4.8	0.0	4.8	4.6
21	16.2	25.0	20.7	65.7	0.0	0.0	0.0	7.7
22	16.8	23.2	19.6	76.7	.5	1.0	1.5	5.4
23	17.8	23.0	20.3	76.0	0.0	70.3	70.3	1.6
24	17.6	22.4	19.5	76.0	3.4	0.0	3.4	.9
25	17.2	24.9	20.4	68.3	0.0	0.0	0.0	5.8
26	16.0	23.6	19.6	66.0	0.0	0.0	0.0	3.9
27	16.2	24.8	20.1	68.0	0.0	0.0	0.0	6.3
28	17.0	23.2	20.4	73.0	0.0	42.3	42.3	3.6
29	16.0	21.8	19.0	78.3	0.0	0.0	0.0	1.1
30	15.6	26.1	20.0	55.3	0.0	0.0	0.0	8.8
31	16.9	25.3	21.2	40.0	0.0	0.0	0.0	9.3
TOTAL								
PROMEDIO	17.2	23.9	20.2	71.1	67.9	150.6	218.5	113.9

Estación: MESITAS DE SANTA INES Dpto.: CUNDINAMARCA

Año: 1991

Mpio.: CACHIPAY

Latitud : 04° 43'N

Longitud: 74° 28'W

Altitud : 1250 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med. -----	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	17.2	25.8	21.1	15.9	28.4	70.9	82.7	12	160.3
FEBRERO	17.5	25.3	21.0	16.0	28.0	75.5	97.2	10	115.4
MARZO	17.6	24.9	20.8	15.2	28.0	78.9	126.5	17	92.5
ABRIL	17.3	25.3	20.5	16.0	27.0	75.6	101.9	12	139.6
MAYO	17.4	24.3	20.3	16.0	27.8	76.4	93.1	10	101.8
JUNIO	16.9	24.4	20.3	15.2	26.8	74.1	78.1	8	122.4
JULIO	17.0	24.6	20.4	15.1	27.0	71.4	28.9	10	114.9
AGOSTO	17.0	25.4	20.9	15.4	28.8	64.5	35.9	7	148.0
SEPTIEMBRE	17.6	26.2	21.7	16.0	29.0	66.1	133.2	11	138.0
OCTUBRE	16.9	25.3	20.8	15.0	27.4	69.9	95.6	7	177.7
NOVIEMBRE	17.3	23.8	19.8	16.0	26.0	78.6	173.6	15	89.3
DICIEMBRE	17.2	23.9	20.2	15.6	26.2	71.1	218.5	15	113.9
PROMEDIO	17.2	24.9	20.6			72.7			
ABSOLUTA				15.0	29.0				
TOTAL							1265.2	134	1513.8

ESTACION: MISIONES

DPTO: CUNDINAMARCA

LATITUD : 04° 33'N

AÑO: 1991

MPIO: MESITAS DEL COLEGIO

LONGITUD: 74° 25'W

ALTITUD : 1540 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	22.5	19.4	85.3	16.5	0.0	16.5	1.1
2	17.0	24.0	19.3	87.3	0.0	2.2	2.2	1.8
3	17.1	21.6	19.2	88.7	0.0	15.0	15.0	1.8
4	16.0	22.0	18.8	83.3	0.0	0.0	0.0	3.1
5	17.0	24.6	20.3	80.3	0.0	0.0	0.0	6.8
6	18.5	23.0	20.1	79.0	0.0	0.0	0.0	3.8
7	17.0	23.2	19.4	88.3	0.0	0.0	0.0	1.4
8	17.8	25.5	20.7	80.3	0.0	0.0	0.0	4.6
9	18.2	24.8	20.9	74.7	0.0	0.0	0.0	5.7
10	18.0	25.2	20.8	78.3	0.0	9.4	9.4	6.2
11	18.5	24.8	20.2	83.0	.2	0.0	.2	4.9
12	17.0	25.0	20.7	82.7	0.0	6.1	6.1	8.3
13	16.8	26.2	20.7	75.0	0.0	0.0	0.0	7.2
14	17.0	26.8	20.9	76.0	0.0	0.0	0.0	6.6
15	17.8	25.7	21.1	80.0	0.0	6.0	6.0	5.2
16	17.0	24.6	20.3	81.3	0.0	0.0	0.0	5.5
17	16.2	24.5	20.7	75.0	0.0	0.0	0.0	6.8
18	16.9	24.8	20.9	76.0	0.0	0.0	0.0	5.7
19	17.0	25.0	20.2	82.0	.3	0.0	.3	4.6
20	16.0	26.0	20.6	79.3	0.0	28.9	28.9	6.3
21	16.2	25.0	20.4	77.7	0.0	0.0	0.0	7.2
22	16.4	25.5	20.8	73.7	0.0	0.0	0.0	6.5
23	16.5	25.2	20.3	75.3	0.0	0.0	0.0	7.8
24	18.0	25.5	20.6	69.3	0.0	0.0	0.0	6.5
25	17.0	27.8	22.1	59.7	0.0	0.0	0.0	9.0
26	17.5	26.0	21.5	63.0	0.0	0.0	0.0	6.9
27	18.8	24.5	21.3	67.3	0.0	0.0	0.0	1.7
28	19.0	26.6	22.7	64.3	0.0	0.0	0.0	7.8
29	19.8	27.8	22.3	66.7	0.0	0.0	0.0	8.4
30	18.8	25.6	21.8	65.3	0.0	0.0	0.0	6.6
31	18.7	25.0	21.3	70.3	0.0	0.0	0.0	6.4
TOTAL PROMEDIO	17.4	25.0	20.6	76.4	17.0	67.6	84.6	172.2

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	25.4	21.6	73.3	0.0	0.0	0.0	5.4
2	17.6	26.0	21.2	68.7	0.0	7.6	7.6	6.8
3	16.5	25.5	20.4	79.0	.1	3.3	3.4	4.0
4	17.1	21.5	18.9	89.0	0.0	0.0	0.0	.4
5	17.0	23.2	20.2	77.0	0.0	0.0	0.0	3.2
6	17.1	23.3	20.3	81.0	0.0	1.7	1.7	4.0
7	17.0	23.0	19.5	85.3	0.0	0.0	0.0	.4
8	17.2	21.5	19.3	89.0	0.0	0.0	0.0	1.9
9	16.0	23.4	19.3	79.3	0.0	0.0	0.0	
10	17.0	24.7	20.5	76.3	0.0	0.0	0.0	
11	17.5	24.8	20.3	80.3	.3	0.0	.3	1.7
12	17.0	22.0	19.7	84.0	0.0	0.0	0.0	1.0
13	17.1	21.8	20.0	84.0	.2	.1	.3	2.3
14	18.0	24.0	20.3	80.0	.5	0.0	.5	2.8
15	19.0	23.2	20.6	79.0	0.0	0.0	0.0	1.5
16	18.2	22.8	20.3	77.0	.1	0.0	.1	.8
17	17.2	25.2	20.7	78.7	0.0	0.0	0.0	3.8
18	17.8	23.5	20.7	82.3	0.0	1.8	1.8	.5
19	18.2	26.4	21.9	76.7	.1	16.3	16.4	5.1
20	17.4	21.6	19.0	93.0	0.0	.4	.4	3.1
21	17.0	24.2	21.0	75.7	0.0	.4	.4	1.3
22	18.2	25.0	22.0	66.0	0.0	0.0	0.0	3.5
23	19.0	25.2	21.5	71.7	.3	0.0	.3	3.5
24	18.6	24.0	20.2	77.0	.6	0.0	.6	3.4
25	18.8	25.0	21.5	71.7	0.0	0.0	0.0	4.7
26	19.0	25.4	22.6	70.0	0.0	0.0	0.0	3.6
27	18.2	24.5	21.5	70.0	0.0	0.0	0.0	2.2
28	20.0	27.5	21.9	71.3	0.0	0.0	0.0	4.4
29								
30								
31								
TOTAL PROMEDIO	17.7	24.1	20.6	78.1	2.2	31.6	33.8	

ESTACION: MISIONES

DPTO: CUNDINAMARCA

LATITUD : 04° 33'N

AÑO: 1991

MPIO: MESITAS DEL COLEGIO

LONGITUD: 74° 25'W
ALTITUD : 1540 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	26.0	21.5	68.7	0.0	0.0	0.0	4.8
2	18.8	25.0	20.9	80.7	0.0	25.6	25.6	2.7
3	16.0	24.0	19.5	85.3	0.0	.8	.8	1.2
4	17.0	23.6	19.4	86.0	.2	3.2	3.4	1.0
5	16.8	19.6	18.2	92.7	18.5	6.9	25.4	0.0
6	16.9	25.0	19.8	83.3	0.0	3.7	3.7	2.6
7	17.0	19.2	18.6	91.3	23.1	.3	23.4	0.0
8	16.9	23.2	20.4	84.0	0.0	9.0	9.0	2.5
9	16.5	22.0	19.4	80.3	4.4	5.3	9.7	.6
10	16.0	19.4	17.9	89.0	2.0	.2	2.2	.2
11	18.0	23.5	20.5	83.0	0.0	0.0	0.0	2.8
12	16.2	21.8	18.8	89.3	5.9	.5	6.4	.2
13	17.0	23.2	19.3	80.0	13.5	0.0	13.5	1.5
14	17.1	21.0	19.1	89.3	9.6	0.0	9.6	1.7
15	18.0	25.2	21.2	72.3	7.1	0.0	7.1	5.7
16	18.4	23.6	20.2	87.3	0.0	0.0	0.0	2.0
17	18.0	25.2	21.6	79.7	0.0	3.4	3.4	5.5
18	17.8	24.8	21.0	75.7	0.0	0.0	0.0	
19	18.0	24.7	21.3	70.7	0.0	0.0	0.0	
20	18.1	25.2	21.3	76.7	0.0	0.0	0.0	
21	18.0	25.8	21.9	72.0	0.0	0.0	0.0	
22	18.2	23.6	20.8	81.0	0.0	0.0	0.0	
23	18.0	26.5	22.1	75.7	.9	35.2	36.1	
24	16.8	23.2	19.7	85.0	0.0	.8	.8	
25	17.4	23.0	19.9	88.0	0.0	58.2	58.2	1.5
26	17.0	18.4	17.6	91.7	9.2	13.3	22.5	0.0
27	16.2	20.5	18.6	90.0	0.0	52.0	52.0	0.0
28	15.0	22.0	17.4	83.7	3.5	0.0	3.5	.6
29	16.4	26.0	20.9	68.7	0.0	3.0	3.0	6.2
30	16.5	23.7	19.1	89.3	0.0	14.0	14.0	4.9
31	15.0	23.0	19.2	85.0	.6	7.8	8.4	6.0
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.1	23.3	19.9	82.4	98.5	243.2	341.7	

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	25.0	20.1	79.7	.1	0.0	.1	5.7
2	17.0	24.0	19.6	80.7	8.8	3.9	12.7	2.2
3	17.2	24.4	20.4	77.7	0.0	0.0	0.0	3.6
4	18.5	24.5	21.0	69.3	.3	0.0	.3	3.0
5	18.4	24.2	21.0	75.0	0.0	.5	.5	4.0
6	17.0	22.0	18.3	88.7	0.0	0.0	0.0	2.0
7	18.6	25.1	21.0	72.3	0.0	2.0	2.0	3.6
8	19.0	25.0	21.4	79.0	0.0	0.0	0.0	1.0
9	16.8	21.1	19.2	87.7	0.0	0.0	0.0	.9
10	16.9	21.9	19.0	86.0	0.0	4.0	4.0	2.3
11	15.0	23.4	19.5	84.0	.2	0.0	.2	1.8
12	17.4	23.5	20.5	84.7	0.0	43.0	43.0	3.4
13	14.4	22.0	18.7	84.0	.6	0.0	.6	1.4
14	16.5	23.0	18.3	90.7	31.5	0.0	31.5	2.3
15	15.8	21.0	17.5	90.3	56.5	0.0	56.5	
16	16.8	24.0	20.3	86.7	0.0	0.0	0.0	4.8
17	18.8	24.2	21.0	84.0	0.0	0.0	0.0	3.6
18	17.0	23.8	20.0	84.0	0.0	32.0	32.0	3.7
19	16.0	23.2	19.8	81.7	0.0	.3	.3	2.5
20	17.5	21.0	19.1	87.0	5.6	.6	6.2	.7
21	17.0	24.1	20.1	80.0	0.0	.1	.1	3.8
22	17.5	24.0	20.5	80.0	0.0	0.0	0.0	2.2
23	18.2	24.8	20.7	73.3	.6	0.0	.6	2.3
24	16.8	24.0	20.6	76.3	.9	0.0	.9	3.7
25	19.5	25.8	21.8	67.3	0.0	0.0	0.0	6.3
26	18.2	23.5	20.9	77.7	0.0	0.0	0.0	2.1
27	18.1	25.4	21.3	74.0	3.0	.1	3.1	2.4
28	17.0	24.0	20.0	81.7	0.0	0.0	0.0	2.9
29	17.8	24.3	21.4	76.0	0.0	0.0	0.0	3.3
30	17.2	24.2	19.5	91.3	3.2	0.0	3.2	2.7
31								
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.3	23.7	20.1	81.0	111.3	86.5	197.8	

ESTACION: MISIONES

DPTO: CUNDINAMARCA

LATITUD : 04° 33'N

AÑO: 1991

MPIO: MESITAS DEL COLEGIO

LONGITUD: 74° 25'W

ALTITUD : 1540 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	23.4	20.1	78.3	.4	0.0	.4	2.7
2	18.1	22.5	20.1	86.3	2.0	0.0	2.0	.7
3	18.6	23.2	21.2	80.7	0.0	2.6	2.6	1.8
4	16.0	23.0	19.3	85.0	.1	0.0	.1	.3
5	18.4	22.8	19.8	83.0	0.0	0.0	0.0	
6	18.2	23.0	19.8	82.3	0.0	0.0	0.0	
7	17.9	22.0	18.6	89.3	12.1	0.0	12.1	1.9
8	18.2	26.8	22.4	64.7	0.0	1.0	1.0	6.2
9	18.6	22.5	20.6	75.7	.1	0.0	.1	.6
10	17.0	26.0	21.1	73.7	.9	0.0	.9	6.4
11	18.0	25.1	20.6	83.0	0.0	0.0	0.0	
12	18.5	22.0	20.2	79.3	2.1	0.0	2.1	.6
13	17.5	24.4	20.2	86.3	0.0	0.0	0.0	1.9
14	18.8	22.2	19.6	85.0	2.8	.6	3.4	.6
15	17.0	23.0	20.3	77.3	0.0	0.0	0.0	1.2
16	19.0	23.4	20.4	79.7	0.0	0.0	0.0	.8
17	16.1	20.2	18.7	86.3	3.1	0.0	3.1	0.0
18	17.0	21.2	18.8	88.7	0.0	0.0	0.0	.2
19	16.2	22.1	19.0	84.7	5.6	4.6	10.2	1.2
20	16.0	21.2	18.2	88.3	.7	8.4	9.1	.4
21	14.8	20.5	17.7	92.0	.9	7.8	8.7	.3
22	15.0	19.2	17.8	92.7	1.0	2.5	3.5	.1
23	16.0	21.4	19.3	85.7	.2	1.4	1.6	.5
24	17.0	23.2	20.3	75.3	.2	0.0	.2	2.7
25	18.0	22.2	20.1	81.7	.2	0.0	.2	.6
26	17.8	25.4	21.2	84.0	0.0	.2	.2	4.6
27	17.2	25.0	21.1	76.0	0.0	0.0	0.0	5.3
28	17.5	24.5	21.4	80.0	0.0	0.0	0.0	2.1
29	18.3	24.6	21.0	81.0	0.0	1.9	1.9	2.4
30	17.0	25.4	20.4	82.0	0.0	0.0	0.0	3.9
31	16.5	21.2	18.5	88.7	3.7	0.0	3.7	.1
TOTAL PROMEDIO	17.4	23.0	19.9	82.5	36.1	31.0	67.1	

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.9	25.5	20.4	79.3	0.0	0.0	0.0	3.8
2	17.0	25.4	20.8	76.3	7.3	2.5	9.8	3.8
3	16.0	23.5	19.3	83.7	0.0	0.0	0.0	1.8
4	18.0	24.8	21.5	81.0	0.0	0.0	0.0	4.0
5	17.0	23.0	20.8	81.3	3.6	0.0	3.6	2.4
6	16.8	21.5	20.1	84.7	4.0	0.0	4.0	.3
7	18.0	23.9	21.2	86.0	0.0	0.0	0.0	4.1
8	19.5	21.4	20.7	81.7	.6	0.0	.6	1.4
9	18.2	23.0	20.6	80.7	0.0	0.0	0.0	
10	18.4	23.2	20.7	80.3	0.0	0.0	0.0	
11	17.1	23.5	21.5	72.3	0.0	0.0	0.0	1.8
12	16.8	24.8	20.8	71.3	0.0	0.0	0.0	1.8
13	18.0	24.5	20.7	76.3	0.0	0.0	0.0	2.8
14	18.1	22.2	20.3	78.0	0.0	0.0	0.0	.7
15	17.0	23.4	20.6	82.0	0.0	.1	.1	2.4
16	17.1	20.0	18.2	94.7	.2	.2	.4	.4
17	17.0	22.0	19.6	80.0	.3	.2	.5	
18	17.1	22.2	19.1	84.7	10.1	0.0	10.1	3.0
19	18.0	25.0	21.5	72.3	5.4	0.0	5.4	5.0
20	18.5	24.5	21.3	74.0	0.0	0.0	0.0	3.7
21	16.2	24.0	19.2	80.7	3.1	0.0	3.1	2.8
22	18.0	23.2	20.4	83.0	0.0	0.0	0.0	1.9
23	17.0	21.5	19.2	86.0	4.4	0.0	4.4	1.2
24	17.1	22.0	18.9	93.3	.3	0.0	.3	.7
25	16.0	23.2	20.2	76.7	0.0	0.0	0.0	3.8
26	18.4	23.8	19.7	82.0	.8	0.0	.8	2.3
27	16.0	20.4	18.0	90.7	1.7	.7	2.4	.1
28	15.9	22.2	18.3	81.7	0.0	0.0	0.0	1.9
29	15.5	18.2	17.5	84.7	.1	0.0	.1	0.0
30	16.0	20.3	18.4	78.7	3.7	0.0	3.7	1.4
31								
TOTAL PROMEDIO	17.2	22.9	20.0	81.3	45.6	3.7	49.3	

ESTACION: MISIONES

DPTO: CUNDINAMARCA

LATITUD : 04° 33'N

AÑO: 1991

MPIO: MESITAS DEL COLEGIO

LONGITUD: 74° 25'W

ALTITUD : 1540 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	23.4	19.5	70.0	.4	0.0	.4	2.6
2	17.8	23.2	19.6	84.3	0.0	0.0	0.0	3.8
3	17.0	23.5	20.4	72.0	0.0	.3	.3	.8
4	17.1	22.4	20.1	75.0	4.1	.1	4.2	.5
5	15.0	19.8	17.8	84.7	6.5	1.8	8.3	.5
6	16.0	21.4	18.3	83.3	0.0	0.0	0.0	0.0
7	15.1	20.5	18.2	91.7	2.8	.9	3.7	5.1
8	16.8	24.0	20.1	80.7	1.3	0.0	1.3	1.8
9	16.0	21.6	19.3	82.3	.2	0.0	.2	3.1
10	16.4	22.0	18.8	86.3	0.0	.4	.4	2.9
11	18.0	24.2	20.8	66.3	0.0	0.0	0.0	1.1
12	16.2	22.5	18.5	83.0	.1	0.0	.1	3.1
13	17.0	22.3	20.2	74.7	0.0	0.0	0.0	1.9
14	18.8	23.2	20.6	79.3	0.0	0.0	0.0	.5
15	16.8	21.5	18.9	80.7	.2	0.0	.2	3.0
16	16.0	21.4	18.4	82.3	.8	0.0	.8	1.8
17	15.8	22.2	19.9	74.7	.9	0.0	.9	4.1
18	17.0	23.6	20.8	75.0	0.0	0.0	0.0	4.9
19	17.2	23.5	21.4	66.7	0.0	0.0	0.0	0.0
20	17.0	22.0	20.0	78.0	0.0	0.0	0.0	0.0
21	17.8	23.2	20.9	75.0	0.0	0.0	0.0	0.0
22	17.5	23.5	20.2	78.0	0.0	0.0	0.0	2.7
23	17.8	23.8	21.5	72.3	0.0	0.0	0.0	1.6
24	16.6	20.0	18.3	83.3	4.8	0.0	4.8	.1
25	16.8	23.0	20.1	69.7	0.0	0.0	0.0	4.3
26	17.2	23.2	20.3	69.3	.1	0.0	.1	2.4
27	18.0	24.2	20.6	71.0	0.0	0.0	0.0	3.1
28	17.0	22.0	20.0	73.0	0.0	0.0	0.0	.3
29	16.0	23.5	19.6	80.7	0.0	0.0	0.0	4.1
30	17.1	21.4	18.6	87.3	0.0	0.0	0.0	.3
31	16.0	20.4	18.6	84.0	.2	0.0	.2	.4
TOTAL PROMEDIO	16.8	22.5	19.7	77.9	22.4	3.5	25.9	

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.2	21.2	17.0	89.0	0.0	2.0	2.0	2.1
2	16.0	24.4	17.9	82.7	0.0	36.5	36.5	1.8
3	14.7	21.4	18.3	68.7	0.0	0.0	0.0	.6
4	16.8	24.9	20.8	60.3	0.0	0.0	0.0	8.3
5	17.8	20.8	18.9	76.3	0.0	0.0	0.0	.1
6	16.2	22.0	20.1	72.3	0.0	0.0	0.0	2.0
7	17.6	23.5	19.7	74.7	2.4	3.4	5.8	2.9
8	15.0	23.0	19.5	81.7	0.0	3.9	3.9	4.6
9	15.5	21.5	18.6	82.3	.1	0.0	.1	2.5
10	15.2	21.8	19.1	83.3	0.0	0.0	0.0	3.5
11	16.9	22.5	20.0	65.7	.2	0.0	.2	4.1
12	16.2	24.2	20.2	58.0	0.0	0.0	0.0	5.5
13	17.0	24.5	20.1	60.0	0.0	0.0	0.0	4.5
14	16.4	22.4	18.9	74.3	5.2	.1	5.3	3.8
15	16.0	20.2	18.3	75.0	0.0	0.0	0.0	.4
16	16.8	23.0	18.8	71.0	.6	0.0	.6	2.3
17	16.2	22.4	19.0	71.0	.2	0.0	.2	1.6
18	16.1	21.5	18.6	74.7	.8	0.0	.8	.7
19	16.0	22.4	18.9	71.3	0.0	0.0	0.0	2.6
20	16.1	24.5	20.3	66.7	0.0	0.0	0.0	2.9
21	17.0	23.5	20.0	68.3	.1	0.0	.1	2.8
22	15.8	23.4	20.1	68.7	0.0	0.0	0.0	3.4
23	16.4	20.5	18.3	73.0	2.8	0.0	2.8	.1
24	16.2	22.5	20.1	66.7	0.0	0.0	0.0	2.2
25	15.0	25.0	20.9	59.7	0.0	0.0	0.0	6.0
26	17.4	26.8	23.2	51.0	0.0	0.0	0.0	7.5
27	18.5	26.5	23.0	56.7	0.0	0.0	0.0	7.3
28	16.9	23.5	19.3	76.7	.3	0.0	.3	2.3
29	17.0	25.0	20.7	59.7	0.0	0.0	0.0	6.3
30	16.4	22.5	19.2	74.0	.3	0.0	.3	1.6
31	16.8	23.0	20.1	75.3	0.0	2.4	2.4	2.3
TOTAL PROMEDIO	16.3	23.0	19.6	70.6	13.0	48.3	61.3	98.6

ESTACION: MISIONES

DPTO: CUNDINAMARCA

LATITUD : 04° 33'N

AÑO: 1991

MPIO: MESITAS DEL COLEGIO

LONGITUD: 74° 25'W
ALTITUD : 1540 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.1	21.0	17.8	81.0	.7	0.0	.7	.2
2	16.0	26.2	21.6	54.3	0.0	0.0	0.0	8.0
3	16.8	27.0	22.0	53.7	0.0	0.0	0.0	4.0
4	17.4	25.2	22.4	57.7	0.0	0.0	0.0	2.2
5	17.5	26.5	23.0	53.0	0.0	0.0	0.0	4.7
6	18.5	24.8	20.6	72.7	.8	1.0	1.8	2.3
7	18.4	26.5	22.3	64.3	0.0	0.0	0.0	2.2
8	18.8	26.0	22.7	62.7	0.0	0.0	0.0	5.8
9	19.2	26.2	22.9	63.7	0.0	.2	.2	5.7
10	17.5	24.0	20.8	69.3	0.0	0.0	0.0	
11	15.8	22.5	19.9	69.0	.1	0.0	.1	2.0
12	16.5	24.8	20.6	65.3	0.0	0.0	0.0	3.6
13	17.5	25.8	22.4	52.0	0.0	0.0	0.0	2.6
14	19.0	24.1	20.8	66.0	0.0	0.0	0.0	
15	18.0	23.9	20.8	78.3	0.0	0.0	0.0	
16	17.9	24.0	21.0	71.3	0.0	3.0	3.0	1.7
17	15.0	21.5	18.0	86.7	26.9	.1	27.0	1.9
18	15.8	24.2	20.4	74.0	0.0	.9	.9	3.8
19	16.5	24.0	20.5	76.0	.1	19.3	19.4	2.3
20	16.4	20.5	17.9	85.7	6.9	0.0	6.9	.6
21	16.0	22.8	18.8	86.0	0.0	0.0	0.0	.9
22	15.9	22.5	19.5	80.3	.1	21.0	21.1	1.7
23	13.8	21.8	18.4	83.3	.3	1.0	1.3	3.9
24	15.0	20.2	18.0	80.3	23.2	0.0	23.2	.6
25	17.5	23.0	20.0	75.3	.6	0.0	.6	3.8
26	17.0	23.5	20.0	78.3	1.3	0.0	1.3	2.2
27	15.8	25.8	20.1	72.3	4.2	0.0	4.2	4.1
28	17.0	24.0	20.8	73.7	0.0	1.5	1.5	4.4
29	15.0	23.1	19.1	83.7	.2	5.3	5.5	2.6
30	17.0	23.8	20.0	81.7	.4	.4	.8	3.9
31								
TOTAL PROMEDIO	16.8	24.0	20.4	71.7	65.8	53.7	119.5	

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	23.9	20.4	80.0	0.0	2.0	2.0	4.3
2	16.0	22.0	18.5	85.7	2.4	0.0	2.4	2.5
3	17.0	22.5	19.8	74.0	0.0	0.0	0.0	5.0
4	15.0	24.2	20.6	57.3	0.0	0.0	0.0	7.9
5	17.5	24.8	20.6	70.3	0.0	0.0	0.0	6.1
6	17.8	24.0	20.6	79.3	0.0	0.0	0.0	5.2
7	16.8	23.2	20.3	76.7	0.0	53.4	53.4	3.4
8	15.0	21.0	18.6	82.0	0.0	18.4	18.4	1.0
9	15.2	18.8	16.7	84.7	12.3	0.0	12.3	.3
10	15.9	23.0	19.0	74.0	0.0	0.0	0.0	1.1
11	17.4	23.2	20.1	70.3	0.0	0.0	0.0	4.1
12	17.0	23.0	20.3	65.7	0.0	0.0	0.0	2.2
13	17.1	24.0	19.6	69.3	8.1	0.0	8.1	6.0
14	16.8	26.2	21.1	60.3	0.0	0.0	0.0	7.0
15	18.2	24.5	20.9	72.0	0.0	0.0	0.0	6.8
16	16.7	23.0	19.3	80.0	0.0	0.0	0.0	3.8
17	16.8	23.5	19.5	80.3	.6	2.7	3.3	3.4
18	16.0	22.8	18.3	76.0	0.0	.1	.1	1.7
19	15.8	22.0	18.3	73.3	0.0	0.0	0.0	3.1
20	17.2	23.5	20.4	63.7	0.0	0.0	0.0	7.6
21	16.0	26.8	21.7	51.7	0.0	0.0	0.0	7.4
22	17.4	25.0	20.3	61.3	0.0	0.0	0.0	2.2
23	17.8	25.8	21.3	66.0	0.0	0.0	0.0	6.4
24	18.0	24.8	21.6	59.0	0.0	0.0	0.0	4.7
25	17.8	25.0	21.9	63.7	0.0	0.0	0.0	5.6
26	15.4	19.5	17.3	88.3	1.4	0.0	1.4	.8
27	16.0	22.0	19.0	76.0	0.0	.1	.1	1.1
28	18.0	22.5	19.8	71.7	0.0	0.0	0.0	1.3
29	17.8	25.0	20.9	71.0	0.0	5.5	5.5	5.2
30	15.8	21.5	18.1	87.3	.8	0.0	.8	1.0
31	17.0	24.0	20.2	79.0	.1	1.4	1.5	2.5
TOTAL PROMEDIO	16.8	23.4	19.8	72.6	25.7	83.6	109.3	120.7

ESTACION: MISIONES

DPTO: CUNDINAMARCA

LATITUD : 04° 33'N

AÑO: 1991

MPIO: MESITAS DEL COLEGIO

LONGITUD: 74° 25'W
ALTITUD : 1540 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	23.0	20.0	73.0	0.0	0.0	0.0	1.1
2	17.8	22.0	20.5	70.7	0.0	0.0	0.0	4.8
3	16.5	22.8	19.0	81.3	0.0	.4	.4	.2
4	16.0	23.8	19.0	80.3	8.7	.5	9.2	3.0
5	16.1	22.5	19.0	87.7	0.0	0.0	0.0	2.1
6	16.5	22.4	18.7	84.7	0.0	62.5	62.5	1.3
7	14.8	19.8	16.8	88.7	0.0	0.0	0.0	.4
8	16.5	21.5	18.8	81.7	.1	3.9	4.0	3.0
9	15.5	18.8	16.5	93.3	3.1	0.0	3.1	0.0
10	15.4	19.5	17.1	91.3	0.0	8.0	8.0	
11	15.0	21.5	19.4	86.7	0.0	0.0	0.0	2.8
12	16.5	21.8	19.4	83.0	0.0	18.6	18.6	4.3
13	16.4	23.5	19.9	76.3	0.0	.5	.5	2.6
14	16.2	22.4	18.9	88.0	0.0	15.7	15.7	2.4
15	16.5	19.8	17.2	91.3	6.7	4.1	10.8	.4
16	15.8	22.8	18.1	83.3	0.0	14.3	14.3	4.1
17	15.9	22.2	18.4	81.3	11.8	0.0	11.8	2.1
18	16.0	21.8	18.5	87.0	.5	.6	1.1	1.5
19	16.1	22.8	20.0	75.3	0.0	0.0	0.0	3.9
20	17.0	24.2	20.5	75.7	0.0	1.2	1.2	5.7
21	15.6	21.5	18.2	84.0	0.0	0.0	0.0	2.6
22	16.8	22.1	19.9	71.3	0.0	0.0	0.0	4.6
23	17.0	23.0	19.9	81.0	.4	0.0	.4	2.4
24	17.5	23.1	19.2	89.0	0.0	0.0	0.0	2.8
25	16.8	20.5	18.7	87.7	7.6	0.0	7.6	0.0
26	17.0	20.8	19.2	83.7	3.5	0.0	3.5	1.1
27	17.8	21.8	20.3	80.7	0.0	0.0	0.0	1.6
28	17.9	20.8	18.3	84.7	.4	0.0	.4	.6
29	17.0	21.0	19.3	76.3	0.0	0.0	0.0	.9
30	18.0	23.0	20.1	74.7	0.0	0.0	0.0	2.4
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.5	21.9	18.9	82.5	42.8	130.3	173.1	

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	24.5	20.8	72.0	0.0	0.0	0.0	5.1
2	18.8	23.0	20.2	78.3	.9	0.0	.9	4.0
3	17.0	21.0	18.2	85.3	.5	0.0	.5	1.2
4	15.8	23.5	20.1	77.3	0.0	0.0	0.0	3.1
5	17.0	22.0	19.1	88.7	0.0	0.0	0.0	1.7
6	16.8	21.8	18.9	87.0	11.7	0.0	11.7	1.8
7	17.0	23.9	20.3	78.7	0.0	0.0	0.0	3.6
8	17.5	22.5	20.3	81.3	0.0	0.0	0.0	4.1
9	17.0	21.2	20.1	80.7	.4	0.0	.4	.1
10	17.4	24.5	20.0	89.3	0.0	0.0	0.0	4.1
11	16.8	22.8	20.0	81.3	0.0	0.0	0.0	2.7
12	17.0	24.5	21.3	79.3	0.0	.2	.2	6.3
13	17.8	23.5	20.5	84.3	0.0	.3	.3	3.6
14	17.0	23.2	20.0	85.7	.4	.1	.5	2.5
15	16.8	19.2	18.1	89.0	4.5	5.3	9.8	.1
16	16.0	20.0	17.7	89.7	1.1	1.2	2.3	.1
17	16.5	19.8	16.8	92.3	23.0	0.0	23.0	
18	15.0	19.2	17.7	88.0	0.0	0.0	0.0	0.0
19	16.0	22.5	18.9	82.3	0.0	0.0	0.0	3.1
20	16.2	23.0	19.6	84.7	0.0	11.0	11.0	3.0
21	16.0	23.2	19.5	78.0	0.0	43.9	43.9	4.4
22	15.8	20.5	17.9	88.0	3.2	0.0	3.2	1.2
23	15.9	21.8	18.4	87.7	1.2	2.7	3.9	1.9
24	16.0	21.0	18.4	84.7	0.0	0.0	0.0	4.1
25	16.1	23.5	19.3	77.0	0.0	0.0	0.0	3.2
26	17.0	22.5	20.0	76.7	0.0	0.0	0.0	3.2
27	16.9	24.0	19.7	78.0	.2	0.0	.2	4.1
28	16.8	22.5	19.6	78.0	3.3	.5	3.8	2.2
29	16.4	19.2	17.9	88.0	0.0	0.0	0.0	.4
30	16.0	24.0	19.8	68.0	0.0	0.0	0.0	7.1
31	17.6	25.5	20.5	59.7	0.0	0.0	0.0	5.1
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.7	22.4	19.3	81.9	50.4	65.2	115.6	

Estación: MISIONES

Dpto.: CUNDINAMARCA

Latitud : 04° 33'N

Año: 1991

Mpio.: MESITAS DEL COLEGIO

Longitud: 74° 25'W

Altitud : 1540 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
ENERO	17.4	25.0	20.6	16.0	27.8	76.4	84.6	9	172.2
FEBRERO	17.7	24.1	20.6	16.0	27.5	78.1	33.8	13	
MARZO	17.1	23.3	19.9	15.0	26.5	82.4	341.7	23	
ABRIL	17.3	23.7	20.1	14.4	25.8	81.0	197.8	19	
MAYO	17.4	23.0	19.9	14.8	26.8	82.5	67.1	21	
JUNIO	17.2	22.9	20.0	15.5	25.5	81.3	49.3	16	
JULIO	16.8	22.5	19.7	15.0	24.2	77.9	25.9	15	
AGOSTO	16.3	23.0	19.6	14.2	26.8	70.6	61.3	15	98.6
SEPTIEMBRE	16.8	24.0	20.4	13.8	27.0	71.7	119.5	18	
OCTUBRE	16.8	23.4	19.8	15.0	26.8	72.6	109.3	13	120.7
NOVIEMBRE	16.5	21.9	18.9	14.8	24.2	82.5	173.1	18	
DICIEMBRE	16.7	22.4	19.3	15.0	25.5	81.9	115.6	16	
	====	====	====	====	====	====	====	====	====
PROMEDIO	17.0	23.2	19.9			78.2			
ABSOLUTA				13.8	27.8				
TOTAL							1379.0	196	

ESTACION: GRANJA TIBACUY

DPTO: CUNDINAMARCA

LATITUD : 04° 22'N

AÑO: 1991

MPIO: TIBACUY

LONGITUD: 74° 26'W

ALTITUD : 1550 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	21.7	18.5	87.7	9.1	5.5	14.6	2.0
2	15.9	21.6	18.2	90.3	5.6	12.3	17.9	2.1
3	15.5	22.1	18.7	89.7	4.3	0.0	4.3	2.7
4	16.3	21.8	18.8	88.0	0.0	0.0	0.0	4.5
5	14.6	24.2	19.1	80.7	0.0	0.0	0.0	8.3
6	15.0	24.0	20.3	85.0	0.0	0.0	0.0	5.2
7	15.1	21.8	18.8	85.3	0.0	0.0	0.0	1.6
8	15.4	24.2	19.1	83.3	0.0	0.0	0.0	6.9
9	14.6	24.8	20.2	77.7	0.0	0.0	0.0	8.1
10	15.5	25.3	20.3	83.3	0.0	0.0	0.0	5.6
11	17.5	24.8	19.1	84.7	24.3	0.0	24.3	4.1
12	15.0	24.0	19.8	83.0	0.0	0.0	0.0	8.0
13	15.2	24.3	19.4	81.7	0.0	0.0	0.0	7.8
14	15.0	23.6	19.0	82.0	0.0	0.0	0.0	8.1
15	14.9	24.2	19.0	83.3	0.0	0.0	0.0	6.4
16	15.8	23.9	18.9	84.3	.8	0.0	.8	6.0
17	14.0	24.0	19.0	79.7	0.0	0.0	0.0	7.3
18	14.7	24.1	19.4	80.7	0.0	0.0	0.0	6.0
19	15.0	23.2	18.9	81.0	0.0	0.0	0.0	5.9
20	15.4	24.5	19.3	79.0	0.0	0.0	0.0	7.4
21	16.0	23.5	18.7	85.3	0.0	0.0	0.0	5.4
22	14.5	23.6	18.8	76.7	0.0	0.0	0.0	5.9
23	14.6	24.4	18.7	78.3	0.0	0.0	0.0	7.9
24	14.8	25.2	19.3	78.0	0.0	0.0	0.0	6.0
25	15.0	26.0	19.5	73.7	0.0	0.0	0.0	8.4
26	12.6	24.2	19.5	67.3	0.0	0.0	0.0	4.6
27	15.8	24.1	19.6	73.3	0.0	0.0	0.0	1.3
28	15.6	26.5	20.5	68.7	0.0	0.0	0.0	7.8
29	16.0	27.0	20.2	67.3	0.0	0.0	0.0	7.9
30	15.5	25.7	20.3	73.0	0.0	0.0	0.0	6.2
31	14.6	25.2	20.3	74.7	0.0	0.0	0.0	7.0
TOTAL PROMEDIO	15.2	24.1	19.3	80.2	44.1	17.8	61.9	182.4

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.6	26.2	20.0	76.7	0.0	0.0	0.0	7.1
2	13.8	25.6	20.1	69.7	0.0	.1	.1	6.5
3	15.6	23.8	19.5	80.0	0.0	2.2	2.2	3.2
4	14.4	22.0	17.6	85.3	0.0	.8	.8	3.0
5	14.8	25.0	20.7	75.7	0.0	0.0	0.0	6.9
6	15.0	24.0	19.3	80.3	0.0	0.0	0.0	6.3
7	16.2	23.0	18.9	84.3	.5	0.0	.5	2.0
8	15.0	24.0	19.2	86.3	0.0	.7	.7	4.3
9	17.0	23.1	19.5	82.0	0.0	0.0	0.0	2.0
10	14.0	24.7	19.7	79.0	0.0	0.0	0.0	6.1
11	15.4	24.2	19.0	81.3	1.5	0.0	1.5	1.6
12	15.2	24.4	19.2	76.7	0.0	0.0	0.0	3.8
13	15.0	25.4	20.0	78.7	0.0	0.0	0.0	6.4
14	15.4	24.6	19.4	82.0	0.0	0.0	0.0	4.0
15	17.2	25.8	20.2	71.7	0.0	0.0	0.0	4.7
16	15.7	23.4	19.1	80.0	0.0	0.0	0.0	2.7
17	15.8	25.0	20.1	80.0	0.0	0.0	0.0	3.5
18	15.9	23.8	18.7	82.7	.1	0.0	.1	2.3
19	16.4	25.8	20.5	81.0	.3	40.0	40.3	6.4
20	16.0	23.0	19.0	86.0	.6	0.0	.6	1.8
21	16.2	25.0	19.9	77.7	0.0	0.0	0.0	4.4
22	16.3	25.6	20.8	71.7	0.0	0.0	0.0	5.6
23	17.6	25.4	21.3	76.3	0.0	.8	.8	4.1
24	16.6	23.4	19.0	80.7	0.0	0.0	0.0	1.7
25	17.5	25.6	21.1	77.0	0.0	1.3	1.3	4.0
26	16.8	25.4	20.7	74.7	0.0	0.0	0.0	5.2
27	16.2	25.8	20.6	70.3	0.0	0.0	0.0	4.1
28	16.4	26.4	21.5	65.7	.2	0.0	.2	4.5
29								
30								
31								
TOTAL PROMEDIO	15.8	24.6	19.8	78.3	3.2	45.9	49.1	118.2

ESTACION: GRANJA TIBACUY

DPTO: CUNDINAMARCA

LATITUD : 04° 22'N

AÑO: 1991

MPIO: TIBACUY

LONGITUD: 74° 26'W

ALTITUD : 1550 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	26.2	20.4	76.3	0.0	0.0	0.0	3.5
2	17.0	24.9	20.5	83.3	1.2	32.6	33.8	2.7
3	15.5	24.2	19.7	82.0	0.0	0.0	0.0	2.6
4	16.0	22.4	18.3	88.0	.8	14.1	14.9	3.2
5	15.6	19.7	17.5	92.7	12.8	.9	13.7	.3
6	16.0	24.0	19.5	84.7	0.0	7.5	7.5	4.0
7	16.4	19.9	17.6	93.3	7.7	.4	8.1	.2
8	15.0	23.4	18.8	87.0	3.5	16.9	20.4	4.1
9	15.7	22.5	18.3	87.0	0.0	35.6	35.6	2.1
10	15.8	20.4	17.1	86.0	0.0	.1	.1	0.0
11	15.4	23.6	19.0	88.0	0.0	15.7	15.7	4.8
12	15.0	21.0	17.9	87.0	1.6	17.0	18.6	.4
13	16.4	24.4	19.6	85.0	1.0	.4	1.4	3.2
14	15.8	23.6	19.7	77.7	0.0	0.0	0.0	3.8
15	15.4	24.6	20.5	76.3	0.0	0.0	0.0	5.7
16	16.2	24.9	21.2	75.3	0.0	0.0	0.0	
17	16.5	24.8	19.8	86.3	2.3	0.0	2.3	
18	15.8	24.6	19.9	83.0	0.0	0.0	0.0	5.9
19	15.7	25.0	20.0	82.0	0.0	0.0	0.0	7.1
20	14.2	24.8	20.0	80.0	0.0	0.0	0.0	7.6
21	15.0	25.6	20.4	71.0	0.0	0.0	0.0	8.7
22	15.6	23.4	19.7	83.3	0.0	0.0	0.0	.7
23	15.8	25.0	20.7	84.0	.1	4.7	4.8	6.7
24	16.7	22.3	19.3	88.3	10.3	.1	10.4	2.3
25	15.8	22.6	18.9	90.7	1.1	12.3	13.4	2.1
26	16.4	19.8	17.5	89.3	11.1	20.4	31.5	0.0
27	16.0	20.8	18.3	88.0	.3	27.6	27.9	.2
28	15.8	21.2	17.7	84.7	11.6	.7	12.3	1.0
29	15.4	24.6	19.3	80.7	0.0	0.0	0.0	6.1
30	16.5	23.9	19.6	84.3	2.2	7.3	9.5	5.7
31	14.2	22.9	19.3	80.0	.6	2.7	3.3	6.3
TOTAL PROMEDIO	15.8	23.3	19.2	84.0	68.2	217.0	285.2	

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	22.6	18.8	89.3	0.0	0.0	0.0	3.2
2	16.4	22.2	18.1	88.0	6.6	6.2	12.8	2.3
3	16.5	24.2	19.8	79.7	0.0	7.1	7.1	5.8
4	15.0	24.1	19.7	75.7	0.0	0.0	0.0	6.6
5	15.4	24.0	20.0	75.7	0.0	2.8	2.8	4.6
6	15.8	21.8	18.2	89.7	.1	0.0	.1	3.3
7	16.5	24.0	19.5	77.3	0.0	0.0	0.0	4.8
8	16.7	24.3	20.1	74.3	.1	1.5	1.6	3.5
9	16.4	22.5	19.4	81.7	0.0	.4	.4	1.3
10	16.5	20.8	18.2	88.7	0.0	0.0	0.0	1.0
11	15.8	22.8	19.0	88.0	0.0	.1	.1	1.6
12	16.5	24.5	19.8	83.3	18.7	35.0	53.7	3.9
13	15.0	22.5	18.3	87.3	.2	0.0	.2	2.0
14	16.0	23.7	18.6	86.3	.5	9.0	9.5	2.6
15	15.7	21.4	17.7	90.3	11.1	0.0	11.1	1.8
16	15.8	24.0	19.9	82.7	0.0	0.0	0.0	4.6
17	17.0	24.2	20.0	85.0	.8	0.0	.8	6.0
18	16.9	24.0	19.1	91.3	.7	13.9	14.6	5.5
19	14.5	24.1	19.2	83.0	0.0	41.0	41.0	4.3
20	16.4	22.4	19.3	87.0	0.0	0.0	0.0	1.0
21	16.5	23.4	19.1	85.3	0.0	0.0	0.0	2.8
22	15.6	23.8	19.9	84.7	0.0	1.6	1.6	4.0
23	15.8	24.0	19.3	85.7	.2	0.0	.2	2.5
24	15.6	25.7	20.0	80.7	0.0	0.0	0.0	6.7
25	15.2	25.8	20.5	76.3	0.0	0.0	0.0	8.2
26	15.8	24.0	20.1	74.3	0.0	0.0	0.0	2.6
27	16.8	23.7	18.9	88.3	7.8	2.7	10.5	3.4
28	16.4	23.1	19.2	82.7	0.0	0.0	0.0	3.4
29	15.8	25.2	20.5	71.7	0.0	0.0	0.0	6.0
30	16.5	23.2	18.9	91.3	2.2	0.0	2.2	3.1
31								
TOTAL PROMEDIO	16.0	23.5	19.3	83.5	49.0	121.3	170.3	112.4

ESTACION: GRANJA TIBACUY

DPTO: CUNDINAMARCA

LATITUD : 04° 22'N

LONGITUD: 74° 26'W

AÑO: 1991

MPIO: TIBACUY

ALTITUD : 1550 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.4	24.2	19.8	82.0	0.0	0.0	0.0	4.1
2	16.4	24.0	20.3	81.0	.1	.6	.7	5.0
3	16.7	25.2	21.8	80.0	0.0	26.8	26.8	3.2
4	16.4	23.5	18.8	87.0	0.0	0.0	0.0	2.1
5	15.5	20.6	18.4	93.3	1.4	0.0	1.4	.2
6	16.3	24.5	19.8	81.3	0.0	0.0	0.0	3.2
7	16.8	22.4	18.1	91.3	14.1	0.0	14.1	.9
8	14.4	25.7	20.2	71.7	0.0	0.0	0.0	7.3
9	16.6	22.3	19.1	87.0	0.0	0.0	0.0	.3
10	15.8	24.9	19.5	83.7	5.7	0.0	5.7	5.2
11	16.6	24.3	19.8	85.3	0.0	0.0	0.0	4.3
12	16.4	24.0	18.6	88.7	4.9	.9	5.8	2.5
13	16.0	24.6	19.9	81.3	0.0	0.0	0.0	2.8
14	15.8	23.0	18.9	91.3	0.0	2.0	2.0	1.9
15	16.4	23.4	19.3	84.7	0.0	0.0	0.0	1.2
16	16.6	24.0	19.1	84.0	0.0	0.0	0.0	3.5
17	16.5	20.3	18.8	85.7	.1	0.0	.1	0.0
18	16.0	20.7	17.8	93.3	0.0	0.0	0.0	.1
19	16.4	24.5	19.5	83.7	0.0	12.0	12.0	3.3
20	16.0	23.1	18.8	88.0	0.0	0.0	0.0	1.1
21	15.4	23.0	18.3	85.3	1.9	7.1	9.0	1.0
22	15.2	23.2	18.1	85.7	.3	2.9	3.2	1.8
23	15.6	23.1	18.9	82.0	.3	0.0	.3	1.6
24	16.0	23.8	19.1	86.0	0.0	0.0	0.0	2.2
25	15.0	23.2	19.4	81.7	.4	0.0	.4	3.9
26	15.5	25.4	20.1	76.7	0.0	.6	.6	5.8
27	16.6	25.0	20.4	84.0	0.0	0.0	0.0	5.6
28	15.6	24.6	20.2	80.0	0.0	0.0	0.0	5.2
29	16.2	24.1	19.7	84.0	0.0	1.3	1.3	3.4
30	16.0	24.9	19.7	78.7	0.0	.2	.2	5.4
31	16.8	22.5	18.2	94.7	.3	0.0	.3	.7
TOTAL PROMEDIO	16.0	23.6	19.3	84.6	29.5	54.4	83.9	88.8

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.5	24.0	19.3	84.0	2.1	.2	2.3	3.3
2	17.0	25.1	19.7	79.0	.4	1.9	2.3	3.3
3	16.6	24.0	19.0	87.7	.4	0.0	.4	3.3
4	15.8	24.7	20.1	82.3	0.0	0.0	0.0	6.2
5	17.4	24.0	20.5	86.0	0.0	0.0	0.0	4.6
6	16.8	24.2	19.1	84.7	1.0	0.0	1.0	.1
7	16.6	24.4	19.9	79.3	0.0	0.0	0.0	
8	16.4	21.7	18.9	92.0	0.0	0.0	0.0	
9	14.6	24.9	20.6	78.0	0.0	0.0	0.0	7.1
10	15.4	22.0	18.0	93.7	2.6	0.0	2.6	1.3
11	14.0	26.0	20.4	75.3	0.0	0.0	0.0	8.1
12	15.4	24.8	20.0	79.3	0.0	0.0	0.0	4.5
13	16.5	24.9	20.5	78.3	0.0	.7	.7	3.5
14	16.6	23.5	19.5	82.0	0.0	0.0	0.0	.8
15	15.5	23.6	19.9	86.0	0.0	0.0	0.0	3.5
16	17.0	20.2	18.1	92.0	.4	.9	1.3	.1
17	16.0	22.4	19.0	89.3	0.0	0.0	0.0	.5
18	15.2	25.5	18.9	86.0	0.0	0.0	0.0	6.4
19	15.5	25.7	20.9	72.7	0.0	0.0	0.0	6.5
20	17.2	25.6	20.9	76.7	0.0	0.0	0.0	5.4
21	16.5	22.6	19.2	82.0	0.0	0.0	0.0	1.5
22	16.6	24.2	19.7	79.3	0.0	.5	.5	3.6
23	16.4	23.8	19.6	85.7	0.0	0.0	0.0	1.4
24	16.0	23.9	18.9	89.7	.3	0.0	.3	.8
25	15.4	24.1	19.2	79.7	.1	.1	.2	3.7
26	15.9	23.2	19.1	74.3	.4	1.6	2.0	3.2
27	16.2	21.8	18.3	87.0	4.0	3.2	7.2	.7
28	15.4	22.4	18.2	83.3	0.0	0.0	0.0	1.9
29	15.8	20.0	17.0	91.3	0.0	0.0	0.0	1.0
30	14.5	20.8	18.0	65.7	.3	.2	.5	.9
31								
TOTAL PROMEDIO	16.0	23.6	19.3	83.4	12.0	9.3	21.3	

ESTACION: GRANJA TIBACUY

DPTO: CUNDINAMARCA

LATITUD : 04° 22'N

AÑO: 1991

MPIO: TIBACUY

LONGITUD: 74° 26'W

ALTITUD : 1550 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	20.2	17.6	88.0	.3	0.0	.3	.2
2	14.5	23.8	18.8	81.0	0.0	.5	.5	5.1
3	16.0	24.0	19.8	78.7	0.0	0.0	0.0	2.6
4	15.8	23.9	19.5	79.7	0.0	0.0	0.0	1.1
5	15.4	20.0	17.0	89.7	.9	.3	1.2	.7
6	14.6	22.6	18.2	81.3	1.6	0.0	1.6	.8
7	16.0	21.4	18.7	88.7	.5	0.0	.5	.2
8	15.0	23.5	18.8	82.0	0.0	4.0	4.0	5.1
9	16.0	22.5	19.1	83.3	0.0	.1	.1	2.1
10	15.9	22.6	18.2	77.3	0.0	0.0	0.0	.4
11	15.4	25.5	19.6	73.0	.1	1.3	1.4	4.2
12	15.5	22.7	18.0	77.7	.8	0.0	.8	1.7
13	14.5	25.0	19.4	72.0	0.0	0.0	0.0	4.5
14	14.8	24.3	19.9	73.3	0.0	0.0	0.0	3.0
15	16.0	23.6	19.1	80.3	0.0	0.0	0.0	2.5
16	15.6	24.0	19.1	82.0	0.0	0.0	0.0	4.9
17	14.8	23.5	18.4	81.0	3.9	0.0	3.9	1.7
18	15.8	24.0	19.3	77.0	0.0	.1	.1	3.4
19	15.5	25.0	19.5	72.7	0.0	0.0	0.0	4.3
20	16.2	24.2	20.1	75.0	0.0	.1	.1	1.7
21	15.4	25.0	19.5	78.3	0.0	2.9	2.9	6.0
22	16.5	24.9	19.2	78.0	0.0	5.1	5.1	2.9
23	15.5	25.5	20.1	77.7	0.0	0.0	0.0	3.4
24	15.0	21.5	17.4	86.7	.6	0.0	.6	.5
25	13.8	23.6	18.6	76.0	.1	0.0	.1	4.9
26	16.4	23.8	19.5	74.0	.5	1.9	2.4	.9
27	16.0	24.9	19.0	75.3	0.0	0.0	0.0	3.0
28	16.6	24.0	19.6	72.3	0.0	1.1	1.1	1.8
29	16.5	24.5	19.5	76.0	0.0	0.0	0.0	3.7
30	16.0	21.4	18.2	84.7	3.1	1.2	4.3	0.0
31	15.2	22.9	18.8	81.7	0.0	12.3	12.3	2.6
TOTAL PROMEDIO	15.5	23.5	18.9	79.2	12.4	30.9	43.3	79.9

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	19.0	16.7	95.7	3.4	0.0	3.4	0.0
2	14.0	23.5	19.0	83.0	15.0	4.0	19.0	2.2
3	14.9	21.2	17.6	81.3	0.0	0.0	0.0	2.5
4	13.6	25.4	19.2	65.3	0.0	0.0	0.0	7.8
5	16.4	21.5	18.1	81.3	0.0	0.0	0.0	.4
6	15.2	22.3	18.9	77.7	.1	.1	.2	1.1
7	15.0	24.6	20.0	75.3	0.0	6.9	6.9	3.7
8	14.4	24.6	19.7	79.3	0.0	4.9	4.9	8.1
9	14.5	23.0	18.8	76.7	0.0	0.0	0.0	5.5
10	15.2	23.2	18.0	82.0	0.0	0.0	0.0	4.6
11	14.2	24.2	19.8	69.3	0.0	0.0	0.0	6.8
12	15.8	25.0	19.5	65.3	0.0	0.0	0.0	7.6
13	14.5	24.2	19.2	71.7	0.0	0.0	0.0	5.4
14	15.0	24.1	18.9	75.3	4.8	.5	5.3	6.1
15	15.2	20.4	17.4	77.7	1.2	0.0	1.2	.5
16	15.5	23.0	19.0	78.0	0.0	0.0	0.0	3.6
17	15.2	22.4	18.9	75.0	0.0	0.0	0.0	1.5
18	15.0	21.5	17.5	83.3	1.6	0.0	1.6	2.0
19	14.0	21.6	17.5	77.3	0.0	0.0	0.0	2.7
20	13.2	22.5	18.8	74.0	0.0	0.0	0.0	2.5
21	15.0	23.4	18.1	78.3	14.6	0.0	14.6	2.8
22	13.5	23.0	19.0	72.0	.0	0.0	0.0	3.9
23	14.5	20.5	17.4	81.7	0.0	0.0	0.0	.4
24	13.7	23.6	19.1	76.3	4.4	2.4	6.8	6.7
25	14.0	23.8	19.1	63.0	0.0	0.0	0.0	6.1
26	13.0	26.3	20.2	58.0	0.0	0.0	0.0	8.1
27	15.3	26.2	21.3	58.3	0.0	0.0	0.0	7.5
28	15.8	24.8	19.0	71.7	0.0	0.0	0.0	4.7
29	14.0	25.7	20.1	59.7	0.0	0.0	0.0	9.3
30	16.5	23.5	19.2	71.7	0.0	0.0	0.0	3.3
31	16.4	24.0	19.1	75.7	0.0	.8	.8	2.8
TOTAL PROMEDIO	14.8	23.3	18.8	74.5	45.1	19.6	64.7	130.2

ESTACION: GRANJA TIBACUY

DPTO: CUNDINAMARCA

LATITUD : 04° 22'N

AÑO: 1991

MPIO: TIBACUY

LONGITUD: 74° 26'W
ALTITUD : 1550 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.5	22.4	18.3	81.0	.6	0.0	.6	1.0
2	14.0	25.8	19.7	64.0	0.0	0.0	0.0	7.3
3	14.5	26.0	21.0	60.7	0.0	0.0	0.0	4.9
4	16.2	24.8	21.0	62.0	0.0	0.0	0.0	3.1
5	15.0	27.0	21.5	64.0	0.0	0.0	0.0	5.8
6	16.4	25.0	20.3	73.7	.2	0.0	.2	3.4
7	16.5	25.5	20.7	68.0	0.0	0.0	0.0	3.8
8	16.0	27.0	21.5	63.7	0.0	0.0	0.0	7.9
9	16.4	26.8	21.6	66.3	0.0	.1	.1	5.6
10	16.3	24.4	20.4	72.3	0.0	0.0	0.0	5.2
11	14.5	23.6	18.9	70.3	0.0	0.0	0.0	2.6
12	15.0	23.7	20.1	70.0	0.0	0.0	0.0	3.7
13	16.8	24.6	20.5	65.0	0.0	0.0	0.0	1.9
14	15.6	25.5	20.6	68.0	0.0	1.2	1.2	2.6
15	16.4	23.8	19.2	82.3	1.4	0.0	1.4	.2
16	16.5	24.5	19.1	82.0	1.3	3.0	4.3	1.4
17	15.2	21.0	17.5	90.7	1.3	.5	1.8	.7
18	14.8	25.1	19.8	79.0	0.0	6.5	6.5	6.4
19	14.6	23.0	19.0	80.0	14.2	5.1	19.3	1.6
20	14.5	21.5	17.9	82.0	5.7	0.0	5.7	.7
21	15.0	22.0	18.8	77.7	.6	0.0	.6	.6
22	15.2	23.2	19.4	78.7	1.2	8.3	9.5	3.4
23	15.8	22.4	18.5	87.3	2.2	.5	2.7	4.4
24	15.9	20.8	18.1	81.7	0.0	0.0	0.0	.8
25	15.0	23.4	19.2	71.3	2.1	.9	3.0	4.0
26	16.0	23.8	19.3	85.0	4.7	20.9	25.6	4.2
27	15.4	24.7	18.6	82.3	0.0	0.0	0.0	4.7
28	15.5	24.2	20.6	67.0	0.0	0.0	0.0	5.2
29	16.0	24.5	19.9	79.0	0.0	0.0	0.0	4.5
30	15.5	24.7	20.4	77.3	0.0	0.0	0.0	8.3
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	15.5	24.2	19.7	74.4	35.5	47.0	82.5	109.9

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.6	24.6	20.5	73.7	0.0	0.0	0.0	7.3
2	17.0	23.6	19.3	82.0	0.0	0.0	0.0	7.0
3	15.2	24.9	19.6	70.3	0.0	.8	.8	7.6
4	14.6	24.6	19.0	67.3	0.0	0.0	0.0	7.5
5	14.2	24.4	20.3	68.3	0.0	0.0	0.0	6.1
6	16.6	24.2	19.7	80.0	0.0	2.4	2.4	6.6
7	16.5	23.4	19.3	86.0	0.0	64.7	64.7	3.7
8	14.6	23.5	18.4	84.7	0.0	.1	.1	2.6
9	16.0	19.5	16.3	92.7	11.1	4.0	15.1	0.0
10	15.0	21.7	18.1	80.3	0.0	0.0	0.0	.6
11	15.9	23.2	19.0	70.0	1.0	0.0	1.0	5.8
12	15.0	23.5	19.7	76.3	0.0	.6	.6	6.3
13	16.0	24.5	19.3	79.7	0.0	0.0	0.0	6.8
14	14.0	25.0	20.1	64.3	0.0	0.0	0.0	8.9
15	15.2	24.9	20.1	67.3	0.0	0.0	0.0	8.8
16	15.1	24.3	18.7	80.7	0.0	2.2	2.2	
17	16.2	24.0	19.7	82.7	0.0	1.1	1.1	4.7
18	15.4	22.5	18.6	78.3	0.0	.2	.2	2.9
19	15.2	21.8	17.7	76.0	0.0	0.0	0.0	1.4
20	14.5	25.0	19.5	66.0	0.0	0.0	0.0	7.8
21	13.0	25.6	20.3	59.3	0.0	0.0	0.0	9.2
22	14.8	23.5	18.8	67.7	0.0	0.0	0.0	2.9
23	14.4	26.2	20.5	61.3	0.0	0.0	0.0	8.6
24	14.5	25.5	20.4	62.3	0.0	0.0	0.0	6.6
25	14.0	25.2	21.0	65.7	0.0	0.0	0.0	5.5
26	15.0	24.7	19.1	74.3	0.0	0.0	0.0	
27	14.7	23.8	19.8	73.0	0.0	.5	.5	
28	15.9	24.2	19.1	79.3	0.0	0.0	0.0	3.6
29	15.7	25.0	20.6	67.7	0.0	3.9	3.9	8.6
30	15.6	21.6	18.1	84.0	0.0	0.0	0.0	.5
31	16.0	23.7	20.2	73.0	0.0	1.8	1.8	4.1
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL								
PROMEDIO	15.2	23.9	19.4	74.0	12.1	82.3	94.4	

ESTACION: GRANJA TIBACUY

DPTO: CUNDINAMARCA

LATITUD : 04° 22'N

AÑO: 1991

MPIO: TIBACUY

LONGITUD: 74° 26'W

ALTITUD : 1550 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.5	25.0	19.9	70.0	0.0	0.0	0.0	3.3
2	16.0	23.6	19.5	66.3	0.0	0.0	0.0	2.5
3	14.0	23.2	19.8	71.3	0.0	0.0	0.0	3.2
4	16.0	23.0	18.7	80.0	4.9	.4	5.3	2.8
5	15.5	21.4	18.5	88.0	7.9	.4	8.3	1.4
6	14.8	23.2	19.3	82.7	2.7	12.2	14.9	2.3
7	16.4	19.7	17.1	91.0	2.6	0.0	2.6	.6
8	13.5	24.0	19.3	81.7	0.0	.2	.2	5.2
9	16.0	18.5	16.5	95.3	1.5	0.0	1.5	0.0
10	15.4	21.6	17.4	85.3	0.0	.2	.2	1.0
11	16.2	22.0	18.3	89.7	0.0	0.0	0.0	2.3
12	14.9	22.5	18.6	87.0	0.0	4.1	4.1	2.9
13	16.4	23.5	19.4	80.3	0.0	0.0	0.0	3.6
14	16.5	21.4	17.7	92.3	52.8	4.5	57.3	.9
15	14.9	18.5	17.6	93.7	0.0	19.0	19.0	0.0
16	14.6	22.4	18.8	84.0	10.3	8.8	19.1	4.6
17	15.4	22.6	18.7	86.3	.6	1.0	1.6	4.6
18	15.4	22.7	19.0	82.7	.3	0.0	.3	5.2
19	15.8	23.6	19.8	76.7	0.0	0.0	0.0	
20	14.4	24.2	19.9	75.0	0.0	0.0	0.0	
21	15.8	22.5	17.9	87.3	0.0	0.0	0.0	6.3
22	16.1	22.1	18.8	75.7	0.0	0.0	0.0	5.1
23	15.6	24.2	20.1	77.7	0.0	0.0	0.0	5.9
24	16.2	23.6	18.7	79.7	.1	0.0	.1	3.4
25	15.6	21.5	18.3	86.7	.3	0.0	.3	.4
26	16.0	21.4	18.3	89.0	.2	0.0	.2	.6
27	15.8	22.4	18.5	85.0	0.0	0.0	0.0	1.2
28	17.0	22.5	18.7	85.3	0.0	0.0	0.0	1.3
29	15.4	23.5	19.0	78.7	0.0	0.0	0.0	1.5
30	15.1	23.3	18.9	85.3	0.0	0.0	0.0	3.5
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.5	22.5	18.7	83.0	84.2	50.8	135.0	

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	25.6	20.3	66.0	0.0	0.0	0.0	6.3
2	16.2	23.5	19.1	79.7	0.0	0.0	0.0	4.2
3	15.2	22.4	18.7	79.7	0.0	0.0	0.0	2.8
4	14.2	24.5	19.3	79.3	0.0	0.0	0.0	7.1
5	15.1	23.0	19.4	79.3	0.0	2.1	2.1	4.0
6	16.5	23.4	19.1	85.7	.8	0.0	.8	2.6
7	17.0	24.8	20.0	79.0	.2	0.0	.2	8.2
8	16.0	24.3	20.2	75.7	0.0	0.0	0.0	6.0
9	15.5	24.0	19.2	85.3	0.0	0.0	0.0	2.9
10	15.2	24.2	19.1	84.3	0.0	0.0	0.0	4.1
11	15.0	24.0	19.4	77.3	0.0	0.0	0.0	7.6
12	15.2	24.8	20.4	75.0	0.0	.2	.2	7.3
13	16.5	23.6	19.1	84.7	8.4	0.0	8.4	2.4
14	16.4	22.5	19.2	90.7	.5	43.6	44.1	1.0
15	16.5	18.7	17.4	94.7	6.4	9.1	15.5	0.0
16	15.4	21.0	17.2	93.3	48.4	0.0	48.4	.4
17	16.2	20.6	16.7	95.0	23.9	0.0	23.9	.2
18	14.0	21.0	17.4	90.3	.5	0.0	.5	.7
19	15.5	22.0	17.9	88.3	0.0	0.0	0.0	1.7
20	15.0	23.4	19.2	83.3	0.0	0.0	0.0	5.5
21	16.1	23.9	18.8	81.0	0.0	.7	.7	5.9
22	15.8	23.0	19.1	83.0	1.0	.1	1.1	5.2
23	16.4	22.0	18.9	86.0	0.0	19.2	19.2	.9
24	16.0	21.0	18.2	89.0	0.0	0.0	0.0	1.4
25	15.0	23.5	19.0	79.7	0.0	0.0	0.0	7.2
26	14.5	23.7	19.3	77.7	0.0	0.0	0.0	7.5
27	15.0	24.0	19.7	76.3	0.0	0.0	0.0	8.6
28	14.7	22.4	19.1	79.3	0.0	1.1	1.1	3.4
29	15.6	21.2	17.4	87.3	0.0	0.0	0.0	1.7
30	14.2	24.2	19.1	76.3	0.0	0.0	0.0	8.7
31	17.5	24.4	19.2	71.7	0.0	0.0	0.0	7.1
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.6	23.1	18.9	82.4	90.1	76.1	166.2	132.6

Estación: GRANJA TIBACUY

Dpto.: CUNDINAMARCA

Latitud : 04° 22'N

Año: 1991

Mpio.: TIBACUY

Longitud: 74° 26'W

Altitud : 1550 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	15.2	24.1	19.3	12.6	27.0	80.2	61.9	5	182.4
FEBRERO	15.8	24.6	19.8	13.8	26.4	78.3	49.1	12	118.2
MARZO	15.8	23.3	19.2	14.2	26.2	84.0	285.2	20	
ABRIL	16.0	23.5	19.3	14.5	25.8	83.5	170.3	18	112.4
MAYO	16.0	23.6	19.3	14.4	25.7	84.6	83.9	17	88.8
JUNIO	16.0	23.6	19.3	14.0	26.0	83.4	21.3	13	
JULIO	15.5	23.5	18.9	13.8	25.5	79.2	43.3	20	79.9
AGOSTO	14.8	23.3	18.8	13.0	26.3	74.5	64.7	11	130.2
SEPTIEMBRE	15.5	24.2	19.7	14.0	27.0	74.4	82.5	15	109.9
OCTUBRE	15.2	23.9	19.4	13.0	26.2	74.0	94.4	13	
NOVIEMBRE	15.5	22.5	18.7	13.5	25.0	83.0	135.0	16	
DICIEMBRE	15.6	23.1	18.9	14.0	25.6	82.4	166.2	14	132.6
	====	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.6	23.6	19.2			80.1			
ABSOLUTA				12.6	27.0				
TOTAL							1257.8	174	

ESTACION: JORGE VILLAMIL

DPTO: HUELA

LATITUD : 02° 20'N

LONGITUD: 75° 31'W

AÑO: 1991

MPIO: GIGANTE

ALTITUD : 1500 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.4	22.4	19.2	84.0	0.0	0.0	0.0	.9
2	16.8	23.2	19.4	85.7	0.0	0.0	0.0	.9
3	16.7	23.0	18.8	89.7	.4	0.0	.4	.2
4	16.4	24.0	19.9	80.0	0.0	0.0	0.0	1.8
5	16.5	27.4	21.5	66.7	0.0	0.0	0.0	7.5
6	16.6	26.2	21.5	73.0	0.0	0.0	0.0	4.0
7	17.8	22.6	19.3	85.0	23.0	0.0	23.0	1.8
8	17.0	27.2	21.9	72.7	0.0	0.0	0.0	5.3
9	17.6	26.0	21.8	76.0	0.0	0.0	0.0	3.8
10	17.5	27.5	22.2	74.0	0.0	0.0	0.0	2.3
11	17.6	24.3	21.0	83.0	0.0	1.7	1.7	.5
12	17.5	24.4	20.3	83.3	.1	2.2	2.3	2.1
13	17.4	25.5	20.6	82.3	0.0	0.0	0.0	7.0
14	16.6	25.4	20.8	77.0	0.0	0.0	0.0	9.2
15	16.4	25.5	20.7	79.7	0.0	0.0	0.0	7.6
16	17.6	26.2	21.4	72.7	0.0	0.0	0.0	8.2
17	17.0	25.9	20.7	78.0	.3	0.0	.3	5.0
18	18.0	24.5	19.6	85.0	5.5	0.0	5.5	2.5
19	16.4	24.2	20.2	81.3	.2	10.6	10.8	5.2
20	17.0	23.2	19.0	86.7	1.7	0.0	1.7	
21	16.9	24.0	19.1	83.3	1.2	0.0	1.2	4.3
22	16.8	24.5	19.1	85.0	0.0	0.0	0.0	3.1
23	17.0	25.1	20.3	85.0	0.0	0.0	0.0	2.7
24	17.2	25.8	20.7	69.0	0.0	0.0	0.0	3.9
25	17.8	27.2	20.8	62.3	0.0	0.0	0.0	6.2
26	15.0	27.1	21.5	59.7	0.0	0.0	0.0	4.8
27	16.9	24.4	20.7	68.3	0.0	0.0	0.0	1.3
28	18.0	25.2	21.5	68.0	0.0	0.0	0.0	1.2
29	17.2	28.0	22.6	61.7	0.0	0.0	0.0	6.0
30	16.4	26.3	21.7	64.7	0.0	0.0	0.0	3.3
31	16.3	26.2	21.2	69.3	0.0	0.0	0.0	7.9
TOTAL PROMEDIO	16.9	25.2	20.6	76.5	32.4	14.5	46.9	

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.4	26.6	21.6	74.3	0.0	0.0	0.0	4.9
2	17.2	26.9	20.9	80.0	0.0	0.0	0.0	6.0
3	17.0	24.9	20.7	68.0	0.0	0.0	0.0	5.7
4	16.8	24.1	20.4	79.0	0.0	0.0	0.0	4.2
5	17.2	25.2	20.3	74.7	2.5	0.0	2.5	2.0
6	18.0	24.6	20.6	81.0	0.0	0.0	0.0	4.3
7	17.5	27.4	21.5	72.7	0.0	0.0	0.0	
8	16.9	25.0	20.9	77.3	0.0	0.0	0.0	
9	17.0	22.9	19.5	80.7	3.2	0.0	3.2	
10	16.5	26.4	21.1	76.7	0.0	0.0	0.0	5.6
11	18.0	21.7	19.3	90.0	5.8	3.1	8.9	.5
12	16.4	26.4	21.4	75.3	.3	24.6	24.9	3.3
13	18.0	24.2	20.5	78.0	0.0	2.5	2.5	.1
14	17.4	26.4	21.2	71.7	0.0	0.0	0.0	3.1
15	17.8	22.8	20.2	75.0	0.0	0.0	0.0	.8
16	18.0	25.0	20.6	73.7	0.0	0.0	0.0	4.8
17	17.0	26.2	20.8	75.3	1.6	0.0	1.6	5.0
18	16.9	28.2	21.8	67.3	0.0	0.0	0.0	1.9
19	18.1	28.8	22.2	72.7	0.0	0.0	0.0	6.4
20	18.0	25.0	21.1	81.0	0.0	0.0	0.0	1.3
21	17.0	27.8	21.7	64.7	0.0	0.0	0.0	.1
22	17.8	25.6	21.5	67.3	0.0	0.0	0.0	2.2
23	18.0	24.0	21.1	73.0	.1	.8	.9	1.4
24	17.6	25.0	20.7	75.0	.3	2.6	2.9	1.4
25	17.2	22.8	19.9	83.0	2.3	.2	2.5	2.2
26	17.0	23.2	20.1	80.3	5.7	.5	6.2	
27	17.5	26.8	21.0	70.7	0.0	0.0	0.0	
28	18.0	29.2	22.3	68.7	0.0	0.0	0.0	
29								
30								
31								
TOTAL PROMEDIO	17.4	25.5	20.9	75.3	21.8	34.3	56.1	

ESTACION: JORGE VILLAMIL

DPTO: HUILA

LATITUD : 02° 20'N

AÑO: 1991

MPIO: GIGANTE

LONGITUD: 75° 31'W

ALTITUD : 1500 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	29.0	22.7	67.0	0.0	0.0	0.0	3.4
2	17.7	28.9	23.1	68.0	0.0	29.2	29.2	6.9
3	16.5	25.0	20.7	80.7	0.0	30.0	30.0	5.4
4	16.8	25.4	21.0	81.0	2.7	60.5	63.2	5.9
5	16.5	22.1	19.3	89.0	2.2	13.8	16.0	.3
6	17.0	24.8	19.7	86.3	.3	0.0	.3	1.7
7	17.5	23.0	18.7	94.7	1.6	2.9	4.5	.8
8	16.7	25.2	20.1	83.0	.7	1.9	2.6	1.8
9	17.0	26.8	20.6	76.0	.9	.5	1.4	3.2
10	17.8	21.8	19.4	88.0	8.7	0.0	8.7	
11	16.5	25.4	20.5	74.7	0.0	0.0	0.0	2.1
12	17.0	24.0	20.1	85.3	.7	14.2	14.9	0.0
13	16.4	26.5	21.2	74.0	.2	.1	.3	4.0
14	17.7	26.3	20.9	78.7	3.8	0.0	3.8	6.0
15	17.0	28.2	20.6	76.0	.9	0.0	.9	4.9
16	18.4	28.4	22.1	70.7	6.5	0.0	6.5	5.2
17	17.2	25.8	20.5	84.0	.6	0.0	.6	4.0
18	17.9	26.2	21.5	81.3	.6	0.0	.6	6.7
19	17.5	26.5	20.5	86.7	0.0	0.0	0.0	2.6
20	17.6	26.2	21.2	78.3	0.0	0.0	0.0	4.1
21	17.7	25.6	21.7	79.3	0.0	0.0	0.0	.9
22	18.8	25.0	21.4	74.0	0.0	0.0	0.0	1.8
23	18.0	26.5	21.4	75.0	0.0	0.0	0.0	3.1
24	17.8	22.5	20.5	91.3	9.7	1.9	11.6	.3
25	17.6	24.0	18.8	91.3	2.6	0.0	2.6	
26	17.2	20.0	18.5	91.7	11.2	0.0	11.2	
27	17.4	23.4	19.4	79.7	0.0	0.0	0.0	
28	17.5	25.5	20.0	77.3	0.0	14.0	14.0	
29	17.0	28.2	22.1	68.0	0.0	0.0	0.0	6.9
30	17.8	25.2	20.7	78.0	8.0	0.0	8.0	3.7
31	16.6	24.5	20.0	81.0	4.9	0.0	4.9	7.4
	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	17.4	25.4	20.6	80.3	66.8	169.0	235.8	

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.9	25.0	20.6	73.3	0.0	0.0	0.0	6.0
2	16.8	24.8	21.0	76.3	0.0	1.8	1.8	5.4
3	17.0	23.6	19.1	85.3	2.2	0.0	2.2	1.2
4	16.7	26.2	20.6	75.3	0.0	0.0	0.0	2.3
5	17.8	25.2	20.5	73.3	0.0	0.0	0.0	2.5
6	16.6	25.5	20.3	70.3	.7	0.0	.7	2.0
7	17.8	26.7	20.3	74.3	8.6	0.0	8.6	3.0
8	17.5	26.0	21.4	72.7	.8	0.0	.8	1.8
9	16.7	25.0	19.9	82.3	2.2	1.8	4.0	2.0
10	17.4	23.0	19.7	81.0	1.0	.2	1.2	.1
11	17.5	26.7	21.5	72.3	0.0	0.0	0.0	4.8
12	17.4	27.8	19.5	83.0	6.2	3.3	9.5	5.1
13	17.2	22.7	18.8	86.0	35.5	.1	35.6	.9
14	17.0	24.3	20.2	81.0	.1	8.8	8.9	1.2
15	16.8	22.5	19.9	88.7	5.8	25.8	31.6	.7
16	16.5	25.7	21.3	69.3	0.0	0.0	0.0	5.9
17	18.0	27.4	21.0	74.0	0.0	0.0	0.0	4.7
18	17.0	27.0	21.6	74.3	0.0	0.0	0.0	6.5
19	16.2	26.0	21.0	73.7	0.0	8.2	8.2	3.9
20	17.8	21.5	19.0	88.7	.7	0.0	.7	0.0
21	16.7	24.4	19.1	81.7	3.3	.2	3.5	1.0
22	17.2	25.0	19.3	89.0	2.5	0.0	2.5	4.2
23	16.8	25.5	21.3	73.7	0.0	10.6	10.6	3.2
24	17.2	26.2	20.3	75.0	0.0	0.0	0.0	2.2
25	18.0	25.5	20.8	69.0	.1	0.0	.1	2.3
26	16.5	25.0	19.4	77.7	.5	0.0	.5	2.8
27	18.0	25.4	20.9	75.0	0.0	.4	.4	1.3
28	17.5	24.0	20.7	76.3	0.0	0.0	0.0	.7
29	18.0	27.1	21.6	69.0	0.0	0.0	0.0	2.7
30	18.8	25.4	20.8	74.0	.6	0.0	.6	2.0
31								
	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	17.2	25.2	20.4	77.2	70.8	61.2	132.0	82.5

ESTACION: JORGE VILLAMIL

DPTO: HUILA

LATITUD : 02° 20'N

AÑO: 1991

MPIO: GIGANTE

LONGITUD : 75° 31'W

ALTITUD : 1500 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.7	26.9	21.6	71.0	0.0	0.0	0.0	2.4
2	18.0	27.1	21.7	74.0	.6	0.0	.6	3.3
3	18.9	27.3	22.0	74.3	0.0	4.2	4.2	2.1
4	17.8	24.1	20.4	83.3	.9	0.0	.9	1.4
5	17.9	23.2	20.0	84.0	4.9	0.0	4.9	1.2
6	16.5	25.0	21.7	65.7	0.0	0.0	0.0	3.3
7	18.2	23.4	20.0	80.7	.6	.6	1.2	.8
8	17.5	26.7	21.7	67.7	0.0	0.0	0.0	2.4
9	18.0	20.2	18.8	86.0	3.8	0.0	3.8	0.0
10	17.4	26.2	20.5	71.0	0.0	0.0	0.0	3.5
11	17.0	26.0	21.7	65.3	0.0	0.0	0.0	6.1
12	17.8	27.8	21.3	70.0	3.0	.6	3.6	2.0
13	17.5	26.8	21.4	76.7	.4	0.0	.4	4.5
14	17.0	26.2	20.6	76.3	3.0	0.0	3.0	2.0
15	18.5	23.0	20.1	81.7	0.0	5.0	5.0	3.7
16	18.0	26.2	21.8	66.0	0.0	0.0	0.0	5.6
17	18.2	23.0	20.0	83.3	4.1	0.0	4.1	.4
18	17.0	21.6	18.7	88.3	2.3	1.4	3.7	0.0
19	17.1	23.2	20.1	81.0	.8	.3	1.1	.5
20	17.7	24.3	19.9	80.3	.8	6.8	7.6	1.4
21	17.0	24.0	19.8	85.3	18.3	3.1	21.4	2.5
22	16.9	22.2	18.0	88.7	4.1	0.0	4.1	1.4
23	17.0	23.0	19.3	82.7	2.0	0.0	2.0	.2
24	17.1	24.1	20.2	78.0	.2	0.0	.2	.6
25	16.5	26.4	20.8	76.0	2.4	10.3	12.7	5.6
26	17.0	27.8	22.2	64.0	0.0	0.0	0.0	6.7
27	17.8	26.5	21.2	72.7	0.0	0.0	0.0	2.2
28	17.6	27.5	21.8	70.3	0.0	0.0	0.0	3.7
29	17.5	26.5	21.4	72.3	0.0	.3	.3	4.3
30	17.7	27.0	21.8	78.3	.4	0.0	.4	5.4
31	17.8	23.0	19.2	87.7	3.7	0.0	3.7	0.0
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.6	25.0	20.6	76.9	56.3	32.6	88.9	79.2

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.6	26.5	21.4	70.3	0.0	0.0	0.0	2.8
2	18.4	26.6	21.9	75.0	.2	.6	.8	4.0
3	17.4	28.0	21.8	75.0	0.0	0.0	0.0	3.9
4	17.3	27.4	22.1	74.3	2.9	.7	3.6	4.6
5	18.4	26.8	21.9	76.7	0.0	0.0	0.0	1.1
6	17.4	26.4	21.7	75.0	.2	0.0	.2	4.1
7	19.0	27.9	22.9	71.3	0.0	0.0	0.0	3.6
8	18.8	21.0	19.3	88.0	4.5	0.0	4.5	0.0
9	17.8	24.0	20.2	83.3	0.0	2.4	2.4	.6
10	16.5	24.4	18.5	80.3	0.0	0.0	0.0	1.4
11	16.0	26.8	21.3	74.3	0.0	0.0	0.0	9.2
12	15.0	24.9	20.9	73.0	0.0	0.0	0.0	3.7
13	17.4	25.5	20.6	75.3	0.0	0.0	0.0	4.3
14	16.7	27.4	22.2	70.7	.1	.7	.8	4.9
15	17.1	24.8	20.1	81.7	6.3	0.0	6.3	2.5
16	17.4	21.6	19.6	90.0	3.7	.7	4.4	.1
17	17.5	24.8	21.5	69.3	0.0	0.0	0.0	.5
18	17.8	27.4	21.8	76.3	.6	0.0	.6	3.8
19	17.4	27.2	22.2	66.7	0.0	0.0	0.0	6.5
20	17.0	28.5	22.4	72.3	3.4	.3	3.7	6.5
21	17.8	25.6	21.3	77.3	0.0	.1	.1	2.8
22	18.0	25.0	19.8	82.0	13.2	.4	13.6	3.6
23	16.5	24.7	19.5	81.3	2.7	.7	3.4	4.4
24	17.0	23.5	19.5	83.0	1.0	6.6	7.6	1.7
25	16.4	24.8	20.0	78.0	0.0	0.0	0.0	2.2
26	17.0	25.0	20.8	77.3	3.5	.4	3.9	4.5
27	17.5	24.8	20.6	73.7	2.3	.8	3.1	2.8
28	16.5	25.2	20.6	77.7	8.1	12.2	20.3	5.9
29	16.0	21.2	17.9	93.7	6.8	.9	7.7	1.2
30	16.6	21.8	18.4	90.3	1.3	5.8	7.1	0.0
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.2	25.3	20.7	77.8	60.8	33.3	94.1	97.2

ESTACION: JORGE VILLAMIL

DPTO: HUILA

LATITUD : 02° 20'N

AÑO: 1991

MPIO: GIGANTE

LONGITUD: 75° 31'W
ALTITUD : 1500 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	19.4	17.4	86.7	3.0	1.0	4.0	0.0
2	15.5	24.0	18.6	79.3	.2	0.0	.2	3.4
3	14.8	25.4	19.4	71.3	.5	0.0	.5	3.0
4	16.4	24.6	20.5	73.3	.3	1.8	2.1	2.3
5	16.3	24.2	19.0	83.3	1.5	0.0	1.5	2.3
6	16.5	24.0	19.8	82.0	1.3	7.7	9.0	1.4
7	16.8	23.2	19.3	87.0	2.1	.1	2.2	1.5
8	16.6	24.2	19.7	80.7	9.4	1.1	10.5	1.2
9	17.0	26.5	19.7	78.3	13.2	.9	14.1	3.9
10	16.5	24.0	19.0	82.0	.5	.5	1.0	2.6
11	16.9	21.0	18.4	83.7	5.8	1.9	7.7	1.0
12	16.0	24.6	19.2	74.7	.3	0.0	.3	2.8
13	17.0	25.0	20.6	66.0	.7	0.0	.7	2.9
14	16.8	22.8	19.2	81.3	3.1	1.2	4.3	2.9
15	16.5	23.4	19.2	87.3	2.3	.4	2.7	1.9
16	16.0	20.9	17.7	85.7	2.5	0.0	2.5	.3
17	15.4	23.8	18.7	73.0	0.0	0.0	0.0	1.6
18	16.0	25.2	20.5	67.3	0.0	.9	.9	5.8
19	16.7	25.0	20.1	77.3	.9	0.0	.9	5.6
20	15.7	22.0	18.0	88.3	4.7	0.0	4.7	.1
21	16.5	23.7	19.0	82.0	.8	0.0	.8	1.1
22	16.2	24.4	20.1	76.3	.6	.6	1.2	1.4
23	16.7	21.6	19.0	85.0	.6	.3	.9	1.4
24	16.0	22.2	18.3	78.7	0.0	0.0	0.0	.6
25	16.2	23.0	19.6	75.3	0.0	0.0	0.0	.9
26	15.5	24.2	19.6	76.7	.7	0.0	.7	2.2
27	17.0	23.6	19.3	84.3	1.9	0.0	1.9	2.1
28	15.9	23.1	18.8	88.0	2.5	6.5	9.0	1.9
29	16.0	21.2	18.4	91.0	3.9	0.0	3.9	.7
30	16.2	25.0	19.7	75.7	.3	3.2	3.5	1.6
31	17.0	23.4	19.4	83.7	4.3	5.9	10.2	.7
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.3	23.5	19.2	80.2	57.9	34.0	101.9	61.1

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.4	22.4	18.8	85.7	13.9	0.0	13.9	1.4
2	15.8	22.6	17.6	84.0	14.4	.4	14.8	.5
3	15.2	22.0	18.3	71.7	0.0	0.0	0.0	3.2
4	15.5	24.9	20.2	68.0	0.0	0.0	0.0	5.4
5	16.5	23.0	18.4	88.3	2.0	0.0	2.0	.8
6	16.0	24.2	19.8	74.7	1.9	1.0	2.9	1.1
7	16.8	24.8	19.9	82.7	1.4	6.7	8.1	4.7
8	16.5	24.2	19.0	84.3	3.9	0.0	3.9	2.1
9	16.8	23.2	19.1	83.7	2.4	5.9	8.3	2.6
10	16.0	23.9	19.9	75.0	0.0	0.0	0.0	3.2
11	15.0	23.2	19.2	75.0	0.0	0.0	0.0	1.3
12	14.8	26.4	21.0	56.7	0.0	0.0	0.0	7.6
13	16.8	21.0	18.4	76.0	0.0	1.4	1.4	.1
14	15.5	20.8	17.2	87.7	2.2	3.3	5.5	1.6
15	14.9	21.4	17.5	73.3	0.0	3.0	3.0	1.3
16	15.0	20.2	17.1	80.7	0.0	.5	.5	.8
17	15.5	20.6	17.3	84.3	.6	0.0	.6	0.0
18	15.6	21.2	17.8	79.0	0.0	0.0	0.0	.2
19	15.0	20.2	18.0	80.0	0.0	0.0	0.0	.3
20	15.2	24.0	19.6	65.7	0.0	0.0	0.0	2.0
21	15.9	21.6	17.6	82.7	.4	0.0	.4	.2
22	15.7	22.8	19.5	72.7	.1	0.0	.1	1.2
23	15.5	23.5	18.1	76.3	0.0	.4	.4	2.6
24	15.7	24.4	19.2	72.7	0.0	0.0	0.0	1.6
25	15.8	25.8	21.2	57.7	0.0	0.0	0.0	4.3
26	15.7	28.0	22.7	54.3	0.0	0.0	0.0	7.0
27	17.2	24.9	20.1	79.0	0.0	1.0	1.0	3.9
28	16.8	20.8	18.0	89.3	3.8	0.0	3.8	.3
29	14.5	26.1	20.4	68.7	0.0	0.0	0.0	5.9
30	16.2	24.1	19.1	80.0	.8	6.2	7.0	1.9
31	16.0	23.6	18.5	80.3	.3	7.7	8.0	1.8
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	15.8	23.2	19.0	76.5	48.1	37.5	85.6	70.9

ESTACION: JORGE VILLAMIL

DPTO: HUILA

LATITUD : 02° 20'N

AÑO: 1991

MPIO: GIGANTE

LONGITUD: 75° 31'W
ALTITUD : 1500 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.1	19.9	17.1	87.3	1.1	0.0	1.1	6.3
2	15.0	27.3	20.5	65.7	0.0	0.0	0.0	.7
3	15.4	25.8	20.6	59.3	0.0	0.0	0.0	1.8
4	16.0	25.9	20.1	59.3	0.0	0.0	0.0	4.5
5	15.9	25.4	20.4	68.0	0.0	0.0	0.0	3.5
6	16.8	25.5	20.7	75.3	.4	1.5	1.9	4.0
7	17.4	27.0	21.3	66.3	0.0	0.0	0.0	1.4
8	15.5	27.2	21.6	62.3	0.0	0.0	0.0	6.2
9	17.0	23.0	19.7	86.7	.4	.7	1.1	.3
10	16.5	21.4	18.7	85.3	2.4	0.0	2.4	.4
11	15.0	22.8	18.4	75.3	0.0	0.0	0.0	2.8
12	15.1	24.8	19.7	73.7	0.0	0.0	0.0	3.7
13	15.8	24.9	20.6	61.0	0.0	0.0	0.0	2.5
14	16.2	24.8	20.3	73.3	.3	1.1	1.4	3.4
15	16.0	26.0	21.2	67.7	.5	0.0	.5	2.0
16	17.6	28.5	21.8	75.0	1.1	0.0	1.1	2.8
17	17.4	23.7	19.6	87.3	.9	0.0	.9	1.9
18	17.2	26.1	21.7	74.7	.2	0.0	.2	2.8
19	17.0	22.6	19.3	86.3	30.7	.8	31.5	1.2
20	17.4	23.8	19.3	89.3	2.9	0.0	2.9	.7
21	16.8	24.9	20.0	75.7	4.4	0.0	4.4	1.2
22	16.5	24.8	20.3	86.3	1.4	.1	1.5	3.4
23	17.2	25.0	21.0	81.0	3.5	2.4	5.9	2.2
24	17.1	24.9	20.3	77.7	0.0	0.0	0.0	1.0
25	17.0	27.3	21.2	71.3	0.0	6.4	6.4	.6
26	16.9	28.2	21.7	70.0	0.0	7.0	7.0	6.7
27	17.4	25.4	19.9	83.3	6.2	0.0	6.2	2.7
28	16.5	27.5	21.2	70.7	13.1	0.0	13.1	
29	17.8	25.2	21.0	73.7	2.7	0.0	2.7	3.6
30	17.0	21.4	18.6	86.0	2.8	0.0	2.8	1.3
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.5	25.0	20.2	75.2	75.0	20.0	95.0	

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	26.0	21.5	79.3	0.0	0.0	0.0	5.1
2	17.0	23.0	18.5	82.3	7.9	.7	8.6	1.3
3	16.8	27.7	21.5	69.3	0.0	0.0	0.0	
4	15.9	25.0	20.7	67.3	1.3	0.0	1.3	3.8
5	15.0	28.0	21.9	66.7	0.0	0.0	0.0	8.5
6	17.8	26.7	22.1	72.0	1.9	0.0	1.9	5.5
7	16.5	23.5	19.1	80.7	0.0	0.0	0.0	.8
8	17.0	24.5	19.1	84.3	3.5	.5	4.0	1.1
9	16.8	20.2	18.3	85.0	2.5	0.0	2.5	0.0
10	15.4	23.4	19.4	79.0	1.6	0.0	1.6	.9
11	15.8	25.3	20.6	67.0	.8	0.0	.8	5.7
12	16.0	27.0	19.9	70.7	0.0	1.8	1.8	6.3
13	15.2	25.4	19.7	67.3	0.0	0.0	0.0	3.2
14	14.8	29.3	21.2	56.0	0.0	0.0	0.0	8.0
15	14.9	28.4	22.5	53.7	0.0	0.0	0.0	9.0
16	16.4	28.0	22.3	64.0	0.0	0.0	0.0	7.8
17	17.8	26.2	20.5	76.7	4.8	1.1	5.9	2.5
18	16.0	24.0	18.6	78.0	1.0	0.0	1.0	.5
19	15.8	22.8	18.6	74.7	0.0	0.0	0.0	.5
20	16.9	24.7	19.6	72.0	0.0	0.0	0.0	3.8
21	14.8	28.9	21.0	58.0	0.0	0.0	0.0	8.4
22	16.8	27.0	21.3	66.3	.2	0.0	.2	4.2
23	16.0	26.6	20.6	66.0	0.0	0.0	0.0	5.4
24	16.8	26.0	21.3	65.3	0.0	0.0	0.0	2.0
25	16.2	27.0	22.5	62.3	2.8	0.0	2.8	3.0
26	17.8	23.5	20.0	79.7	8.8	0.0	8.8	1.9
27	15.6	26.1	20.7	68.3	0.0	0.0	0.0	4.3
28	17.4	23.8	20.2	69.7	0.0	0.0	0.0	.3
29	17.0	26.5	21.5	66.0	0.0	.7	.7	2.4
30	17.2	23.4	18.6	85.0	1.7	0.0	1.7	.8
31	15.4	27.1	21.5	59.7	0.0	.7	.7	2.5
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.3	25.6	20.5	70.7	38.8	5.5	44.3	

ESTACION: JORGE VILLAMIL

DPTO: HUILA

LATITUD : 02° 20'N

AÑO: 1991

MPIO: GIGANTE

LONGITUD: 75° 31'W

ALTITUD : 1500 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	25.1	20.5	74.0	0.0	0.0	0.0	.5
2	17.8	28.6	22.0	63.0	0.0	0.0	0.0	4.3
3	16.0	22.8	20.2	82.3	.9	.1	1.0	
4	16.8	24.4	19.3	83.3	0.0	3.1	3.1	1.5
5	17.8	23.0	20.2	85.7	12.6	.3	12.9	3.2
6	17.0	23.5	19.6	89.7	.1	24.8	24.9	1.2
7	17.2	22.0	18.7	88.0	0.0	0.0	0.0	1.8
8	16.9	21.4	18.1	82.7	27.4	0.0	27.4	0.0
9	16.0	22.0	18.7	87.3	5.9	0.0	5.9	.9
10	15.9	22.4	18.8	87.7	3.5	0.0	3.5	1.3
11	16.2	24.9	20.6	77.7	0.0	0.0	0.0	4.8
12	16.5	24.8	20.2	80.0	0.0	0.0	0.0	4.5
13	18.0	25.1	20.4	85.7	1.3	.4	1.7	1.9
14	16.8	23.2	19.4	86.3	.3	7.3	7.6	3.0
15	17.0	20.5	18.7	90.3	8.4	.2	8.6	3.0
16	16.0	23.2	20.3	79.3	0.0	10.0	10.0	.4
17	17.2	24.0	19.9	83.3	1.8	0.0	1.8	3.8
18	16.0	22.9	20.0	86.0	.6	0.0	.6	1.6
19	16.4	24.2	20.6	80.0	0.0	0.0	0.0	4.0
20	16.8	26.2	20.5	74.7	.2	0.0	.2	2.4
21	17.8	24.9	20.5	80.3	5.2	0.0	5.2	2.7
22	16.4	26.4	21.2	68.3	0.0	0.0	0.0	6.7
23	17.0	27.4	21.9	72.3	0.0	0.0	0.0	7.4
24	17.2	27.2	21.4	75.3	0.0	0.0	0.0	7.5
25	17.8	25.0	21.1	85.3	6.1	0.0	6.1	4.2
26	18.4	26.4	21.5	73.3	0.0	4.1	4.1	3.3
27	18.0	24.0	20.7	80.3	0.0	.4	.4	.3
28	17.5	23.0	19.8	80.7	.5	0.0	.5	.7
29	17.4	25.2	20.9	71.7	0.0	0.0	0.0	.7
30	17.0	24.8	20.8	72.0	0.0	0.0	0.0	2.3
31								
TOTAL					74.8	50.7	125.5	
PROMEDIO	17.0	24.3	20.2	80.2				

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	27.8	21.9	69.3	.3	0.0	.3	4.1
2	17.0	27.1	21.9	67.0	1.4	0.0	1.4	5.6
3	18.2	24.4	21.1	86.0	.7	0.0	.7	2.3
4	17.4	25.8	21.3	80.3	0.0	19.7	19.7	3.9
5	17.5	22.5	19.4	91.0	28.2	0.0	28.2	1.3
6	17.0	24.3	20.2	85.0	0.0	0.0	0.0	3.6
7	17.5	25.4	20.7	80.3	0.0	0.0	0.0	
8	17.2	25.2	21.0	80.0	0.0	0.0	0.0	
9	17.6	25.1	21.3	80.0	0.0	0.0	0.0	
10	17.5	24.9	20.3	84.0	.7	0.0	.7	3.3
11	16.0	27.1	21.2	77.0	0.0	0.0	0.0	5.2
12	16.6	25.9	21.8	79.7	0.0	0.0	0.0	5.8
13	18.0	24.0	20.8	88.7	.1	2.4	2.5	2.5
14	17.2	23.8	20.0	85.3	0.0	3.8	3.8	1.5
15	17.6	22.4	19.7	91.3	.6	25.4	26.0	1.3
16	16.5	22.3	19.3	92.7	1.5	8.2	9.7	2.3
17	17.5	20.0	16.8	94.7	16.4	0.0	16.4	0.0
18	15.0	20.2	18.7	86.0	0.0	0.0	0.0	.3
19	15.5	22.2	19.4	88.3	0.0	0.0	0.0	2.6
20	16.8	23.0	20.0	85.3	0.0	.4	.4	2.1
21	17.2	24.2	20.3	83.0	.2	0.0	.2	2.8
22	15.2	24.0	20.1	84.3	0.0	18.6	18.6	.4
23	17.0	20.2	18.9	92.7	1.9	0.0	1.9	
24	17.4	22.0	19.4	86.3	0.0	0.0	0.0	2.5
25	16.0	27.4	21.0	75.7	0.0	0.0	0.0	7.6
26	16.1	26.0	20.3	75.3	0.0	0.0	0.0	7.2
27	17.9	24.0	20.0	82.0	8.6	0.0	8.6	3.8
28	16.6	26.0	21.0	77.0	0.0	5.9	5.9	8.5
29	16.5	24.0	19.5	83.3	.8	2.4	3.2	4.8
30	16.0	24.2	20.7	76.3	1.9	0.0	1.9	5.5
31	17.9	25.2	20.0	82.7	0.0	0.0	0.0	6.6
TOTAL					63.3	86.8	150.1	
PROMEDIO	16.9	24.2	20.2	82.9				

Estación: JORGE VILLAMIL

Dpto.: HUILA

Latitud : 02° 20'N

Año: 1991

Mpio.: GIGANTE

Longitud: 75° 31'W

Altitud : 1500 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	16.9	25.2	20.6	15.0	28.0	76.5	46.9	9	
FEBRERO	17.4	25.5	20.9	16.4	29.2	75.3	56.1	10	
MARZO	17.4	25.4	20.6	16.4	29.0	80.3	235.8	22	
ABRIL	17.2	25.2	20.4	16.2	27.8	77.2	132.0	20	82.5
MAYO	17.6	25.0	20.6	16.5	27.8	76.9	88.9	22	79.2
JUNIO	17.2	25.3	20.7	15.0	28.5	77.8	94.1	19	97.2
JULIO	16.3	23.5	19.2	14.8	26.5	80.2	101.9	28	61.1
AGOSTO	15.8	23.2	19.0	14.5	28.0	76.5	85.6	19	70.9
SEPTIEMBRE	16.5	25.0	20.2	15.0	28.5	75.2	95.0	20	
OCTUBRE	16.3	25.6	20.5	14.8	29.3	70.7	44.3	16	
NOVIEMBRE	17.0	24.3	20.2	15.9	28.6	80.2	125.5	19	
DICIEMBRE	16.9	24.2	20.2	15.0	27.8	82.9	150.1	19	
	====	====	====	====	====	====	====	====	====
PROMEDIO	16.9	24.8	20.2			77.5			
ABSOLUTA				14.5	29.3				
TOTAL							1256.2	223	

ESTACION: OSPINA PEREZ

DPTO: NARIÑO

LATITUD : 01° 15'N

LONGITUD: 77° 29'W

AÑO: 1991

MPIO: CONSACA

ALTITUD : 1700 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	24.0	18.8	79.7	0.0	6.6	6.6	5.7
2	15.4	25.5	19.6	81.3	1.7	24.9	26.6	6.2
3	15.2	24.2	19.0	86.7	0.0	2.4	2.4	3.4
4	16.0	24.0	19.2	87.0	.2	.1	.3	3.1
5	15.9	26.5	19.9	78.3	0.0	0.0	0.0	7.7
6	13.2	25.1	18.4	78.3	1.3	10.0	11.3	8.1
7	16.0	23.5	19.4	83.3	.4	0.0	.4	2.9
8	15.2	25.0	19.7	81.0	0.0	0.0	0.0	4.9
9	14.8	24.4	19.1	81.3	0.0	0.0	0.0	3.6
10	15.0	25.2	19.6	79.7	0.0	0.0	0.0	4.4
11	16.8	26.5	19.6	81.0	11.5	16.4	27.9	6.4
12	13.2	25.5	18.5	78.7	0.0	0.0	0.0	6.3
13	16.0	26.4	20.1	79.0	0.0	31.8	31.8	7.7
14	15.9	24.5	19.3	85.3	.1	0.0	.1	4.5
15	16.0	25.0	19.2	85.3	0.0	0.0	0.0	5.6
16	15.4	25.5	19.5	80.7	0.0	0.0	0.0	4.8
17	16.0	26.0	19.8	77.7	0.0	9.8	9.8	4.9
18	16.1	21.8	18.3	86.7	.6	11.0	11.6	.9
19	15.4	24.0	18.3	84.3	0.0	2.5	2.5	6.6
20	15.0	23.0	18.3	86.0	.3	0.0	.3	3.4
21	15.8	25.5	19.4	82.0	0.0	0.0	0.0	5.2
22	14.8	24.2	18.6	81.0	0.0	0.0	0.0	4.8
23	13.5	26.8	20.6	58.0	0.0	.3	.3	4.5
24	16.0	24.8	20.5	64.7	0.0	0.0	0.0	3.2
25	16.5	25.2	19.3	83.3	0.0	0.0	0.0	4.9
26	13.8	21.2	18.3	77.0	0.0	0.0	0.0	1.6
27	16.0	23.5	19.1	84.3	0.0	0.0	0.0	.2
28	15.8	25.7	20.4	83.0	0.0	0.0	0.0	3.2
29	16.0	22.8	19.3	86.3	0.0	0.0	0.0	.5
30	15.0	25.2	19.6	77.0	0.0	0.0	0.0	5.9
31	14.2	25.8	19.4	73.3	0.0	0.0	0.0	7.3
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	15.3	24.7	19.3	80.4	16.1	115.8	131.9	142.4

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.2	25.2	19.4	79.3	0.0	0.0	0.0	4.6
2	14.2	26.2	20.5	72.3	0.0	13.3	13.3	9.9
3	15.2	18.5	16.6	95.3	5.7	.8	6.5	0.0
4	15.0	24.3	19.1	82.7	0.0	0.0	0.0	3.7
5	13.5	25.9	20.0	70.3	0.0	0.0	0.0	9.8
6	14.0	26.0	20.1	70.3	0.0	0.0	0.0	8.8
7	14.8	25.6	20.2	75.7	0.0	0.0	0.0	7.3
8	14.6	25.0	19.8	78.3	0.0	.4	.4	4.7
9	14.2	26.0	19.8	80.3	0.0	0.0	0.0	7.0
10	14.8	28.2	19.5	81.7	0.0	0.0	0.0	5.2
11	15.4	22.4	18.8	85.3	0.0	.5	.5	0.0
12	15.0	26.0	20.1	75.0	0.0	0.0	0.0	6.8
13	15.2	25.8	20.0	77.7	0.0	0.0	0.0	4.3
14	14.0	25.5	19.2	78.0	0.0	0.0	0.0	3.9
15	14.4	26.5	19.9	83.0	0.0	0.0	0.0	3.1
16	16.0	24.5	20.2	79.3	0.0	0.0	0.0	3.1
17	15.0	28.8	21.1	73.7	0.0	0.0	0.0	9.9
18	15.5	26.0	20.8	76.0	0.0	.2	.2	4.9
19	17.0	27.6	21.0	76.7	0.0	3.7	3.7	5.8
20	16.2	20.0	18.5	92.7	1.2	0.0	1.2	0.0
21	16.0	26.2	20.1	80.0	0.0	0.0	0.0	8.7
22	15.0	26.4	20.1	71.3	0.0	2.1	2.1	5.9
23	16.8	28.0	21.3	76.3	0.0	0.0	0.0	6.1
24	17.0	28.2	22.8	54.7	0.0	0.0	0.0	3.4
25	18.0	28.8	23.1	52.7	0.0	0.0	0.0	5.2
26	17.5	26.5	20.9	75.3	0.0	0.0	0.0	4.4
27	16.5	27.5	21.0	72.7	0.0	0.0	0.0	3.0
28	16.0	27.0	20.9	78.0	0.0	.4	.4	6.6
29								
30								
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	15.4	25.8	20.1	76.6	6.9	21.4	28.3	146.1

ESTACION: OSPINA PEREZ

DPTO: NARIÑO

LATITUD : 01° 15'N

AÑO: 1991

MPIO: CONSACA

LONGITUD: 77° 29'W

ALTITUD : 1700 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	23.5	19.8	84.7	.1	14.5	14.6	.2
2	16.8	24.2	19.8	82.0	2.9	5.2	8.1	1.0
3	14.5	26.5	20.7	75.0	0.0	0.0	0.0	7.4
4	16.0	29.0	20.5	72.0	0.0	1.0	1.0	7.1
5	16.1	25.0	20.2	79.7	0.0	2.6	2.6	2.4
6	16.5	28.0	20.6	79.7	0.0	7.1	7.1	4.5
7	16.3	27.0	20.3	82.0	.2	23.9	24.1	4.0
8	16.2	27.5	20.4	75.7	0.0	0.0	0.0	6.5
9	15.5	26.0	20.3	79.7	.4	0.0	.4	5.0
10	17.0	21.6	18.6	89.3	10.8	0.0	10.8	0.0
11	16.2	27.0	20.7	78.7	.2	.4	.6	5.5
12	16.4	25.5	20.2	80.3	0.0	4.0	4.0	1.4
13	17.0	24.5	19.8	85.3	2.3	.3	2.6	3.0
14	16.0	26.0	20.1	83.7	.3	17.8	18.1	6.1
15	14.5	23.2	18.7	88.0	0.0	28.6	28.6	2.8
16	15.7	25.0	19.9	82.0	0.0	5.3	5.3	
17	15.5	23.8	19.5	78.7	0.0	5.7	5.7	
18	16.5	25.0	20.2	83.3	.3	0.0	.3	2.3
19	15.0	27.0	20.7	73.3	0.0	0.0	0.0	9.0
20	15.2	27.2	20.6	73.0	0.0	0.0	0.0	7.4
21	16.8	24.2	20.2	81.3	0.0	0.0	0.0	4.3
22	16.9	22.0	18.8	92.3	0.0	0.0	0.0	.8
23	16.7	23.5	19.5	86.0	0.0	9.0	9.0	0.0
24	16.0	23.1	18.6	88.7	.4	.5	.9	2.0
25	15.9	27.0	20.8	78.0	0.0	7.5	7.5	7.0
26	16.2	23.5	19.2	86.3	2.2	18.1	20.3	1.2
27	15.5	25.5	19.6	80.0	0.0	8.3	8.3	5.9
28	16.4	22.8	18.3	87.3	3.9	.9	4.8	1.3
29	15.5	24.0	19.3	83.7	0.0	.2	.2	2.5
30	16.0	24.1	19.9	79.3	.6	.2	.8	4.6
31	14.2	24.2	17.9	81.0	.9	0.0	.9	5.9
TOTAL PROMEDIO	16.0	25.0	19.8	81.6	25.5	161.1	186.6	=====

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.4	24.0	18.4	77.3	0.0	.5	.5	5.2
2	14.0	26.0	19.8	71.3	0.0	0.0	0.0	7.2
3	17.0	27.0	21.0	78.7	0.0	0.0	0.0	5.3
4	16.0	24.0	18.9	80.0	1.2	1.1	2.3	1.4
5	16.1	24.9	19.6	83.3	0.0	0.0	0.0	5.0
6	15.8	29.0	21.2	69.7	0.0	.1	.1	3.6
7	16.0	27.0	20.9	75.7	0.0	0.0	0.0	5.8
8	15.9	22.8	18.0	93.3	7.1	13.1	20.2	2.2
9	16.6	23.5	18.4	92.3	7.9	0.0	7.9	.8
10	15.0	25.2	20.1	76.7	0.0	0.0	0.0	4.6
11	15.8	27.0	20.3	81.0	1.1	13.5	14.6	5.7
12	16.0	24.4	20.0	76.7	0.0	16.8	16.8	3.6
13	15.0	23.5	18.4	83.0	17.9	.8	18.7	1.6
14	14.8	26.0	20.1	78.3	0.0	1.5	1.5	5.9
15	16.5	24.5	19.3	82.0	1.1	0.0	1.1	4.0
16	15.0	26.0	20.5	78.0	0.0	0.0	0.0	4.8
17	16.4	22.5	18.2	88.3	10.4	.1	10.5	.6
18	13.4	25.0	19.7	72.3	0.0	0.0	0.0	10.2
19	14.0	26.9	20.6	75.3	0.0	1.4	1.4	9.2
20	16.0	26.0	20.8	74.7	0.0	0.0	0.0	4.7
21	17.0	25.5	21.2	72.3	0.0	0.0	0.0	4.0
22	15.8	26.0	20.6	78.3	0.0	0.0	0.0	5.9
23	16.0	23.5	19.9	83.0	0.0	0.0	0.0	1.2
24	17.0	27.5	21.3	78.0	.8	0.0	.8	4.1
25	17.2	25.5	20.3	81.3	0.0	0.0	0.0	1.8
26	16.0	26.0	20.6	77.3	0.0	7.8	7.8	5.4
27	17.0	23.5	20.1	82.7	2.4	1.4	3.8	3.7
28	16.8	22.5	20.5	84.7	2.3	7.0	9.3	1.8
29	15.8	26.0	19.7	82.7	4.4	.3	4.7	6.5
30	16.5	25.5	19.7	82.3	17.7	1.1	18.8	4.0
31								
TOTAL PROMEDIO	15.8	25.2	19.9	79.7	74.3	66.5	140.8	129.8

ESTACION: OSPINA PEREZ

DPTO: NARIÑO

LATITUD : 01° 15'N

AÑO: 1991

MPIO: CONSACA

LONGITUD: 77° 29'W
ALTITUD : 1700 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	25.0	20.3	84.0	0.0	0.0	0.0	.8
2	16.0	27.2	20.7	77.7	0.0	1.0	1.0	3.5
3	17.5	25.0	20.0	88.7	3.6	2.2	5.8	2.0
4	16.9	23.0	19.3	86.3	22.1	0.0	22.1	2.0
5	16.8	24.0	19.3	86.3	7.8	0.0	7.8	2.6
6	16.0	26.0	20.4	76.7	0.0	0.0	0.0	6.1
7	15.0	22.5	19.4	81.7	0.0	0.0	0.0	0.0
8	18.0	25.5	20.9	75.0	0.0	0.0	0.0	4.6
9	16.0	25.6	20.0	81.3	0.0	0.0	0.0	2.5
10	16.5	24.5	20.8	81.3	.2	2.5	2.7	2.5
11	16.4	26.0	21.5	75.0	0.0	0.0	0.0	4.2
12	17.0	24.4	21.0	85.3	.6	35.7	36.3	2.3
13	16.8	26.2	20.9	83.3	.1	.2	.3	4.9
14	17.0	26.0	19.7	87.0	11.7	.7	12.4	2.5
15	16.8	23.5	20.0	87.0	0.0	0.0	0.0	2.7
16	16.5	25.0	19.3	82.0	0.0	5.3	5.3	2.2
17	16.0	21.0	17.6	93.0	3.2	4.8	8.0	.1
18	15.5	22.8	18.3	85.0	.7	10.6	11.3	1.4
19	16.2	24.0	19.1	85.0	2.8	6.7	9.5	3.3
20	16.0	25.5	19.9	79.7	0.0	4.6	4.6	7.3
21	15.5	24.0	18.9	84.7	.5	14.1	14.6	3.4
22	15.2	21.5	18.4	89.0	1.5	.4	1.9	.9
23	15.8	21.2	17.8	93.7	1.8	19.1	20.9	.4
24	16.5	21.0	18.6	92.0	7.0	28.7	35.7	.5
25	15.0	24.5	18.4	82.0	0.0	0.0	0.0	4.8
26	15.2	26.8	20.9	76.3	0.0	0.0	0.0	8.3
27	16.2	28.4	22.2	61.3	0.0	0.0	0.0	8.8
28	16.0	29.0	21.1	77.3	0.0	0.0	0.0	6.3
29	15.8	27.5	20.4	80.3	0.0	.2	.2	6.1
30	16.8	24.0	20.1	81.7	0.0	1.4	1.4	1.5
31	16.2	24.5	20.2	81.7	.3	0.0	.3	4.2
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.2	24.7	19.8	82.6	63.9	138.2	202.1	102.7

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	25.0	20.3	79.3	.1	0.0	.1	
2	15.0	25.5	20.7	74.0	.3	.1	.4	
3	16.8	28.0	21.0	80.7	0.0	0.0	0.0	7.3
4	16.5	27.2	20.8	80.3	0.0	0.0	0.0	6.2
5	17.4	23.8	19.6	89.7	0.0	0.0	0.0	.6
6	15.8	26.5	20.2	79.3	0.0	0.0	0.0	6.9
7	16.0	30.0	22.6	61.3	0.0	0.0	0.0	7.2
8	17.0	26.0	22.2	61.0	0.0	0.0	0.0	3.7
9	18.7	26.3	21.6	71.3	0.0	0.0	0.0	6.9
10	15.4	26.4	20.9	63.0	0.0	0.0	0.0	6.5
11	19.4	30.1	24.5	36.7	0.0	0.0	0.0	9.0
12	20.0	30.5	24.0	34.0	0.0	0.0	0.0	8.4
13	18.0	28.2	21.8	61.3	0.0	0.0	0.0	5.1
14	15.5	23.0	19.0	84.7	0.0	.7	.7	1.5
15	16.5	22.8	19.0	87.0	2.5	4.8	7.3	1.2
16	16.2	23.0	18.1	93.3	11.2	49.8	61.0	1.8
17	16.0	23.5	19.8	83.0	0.0	0.0	0.0	1.7
18	15.0	28.0	20.6	76.3	0.0	.2	.2	9.4
19	15.8	26.4	19.7	80.3	0.0	0.0	0.0	6.6
20	14.5	26.0	20.0	78.7	0.0	0.0	0.0	6.6
21	16.2	23.5	19.5	86.0	0.0	15.7	15.7	2.5
22	17.0	21.8	18.6	92.7	0.0	4.0	4.0	.8
23	16.2	25.0	19.2	86.0	4.5	13.8	18.3	3.2
24	15.5	26.0	19.8	76.0	0.0	1.0	1.0	6.1
25	16.0	24.0	19.2	84.0	0.0	0.0	0.0	3.5
26	15.0	23.6	18.7	85.0	0.0	1.4	1.4	1.0
27	16.0	23.2	19.0	86.0	1.5	10.4	11.9	3.0
28	16.2	24.0	19.2	85.7	.1	0.0	.1	3.6
29	15.0	25.5	19.1	80.7	0.0	0.0	0.0	4.6
30	16.0	23.0	18.9	82.0	0.0	0.0	0.0	2.1
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.4	25.5	20.2	76.6	20.2	101.9	122.1	

ESTACION: OSPINA PEREZ

DPTO: NARIÑO

LATITUD : 01° 15'N

AÑO: 1991

MPIO: CONSACA

LONGITUD: 77° 29'W

ALTITUD : 1700 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.2	23.5	19.4	79.0	0.0	0.0	0.0	2.2
2	16.0	25.5	20.2	68.7	0.0	0.0	0.0	4.2
3	15.8	27.0	20.6	62.7	0.0	0.0	0.0	3.6
4	16.5	26.0	19.6	68.7	0.0	0.0	0.0	4.0
5	15.5	23.0	18.7	84.3	0.0	6.4	6.4	2.2
6	16.0	23.3	18.1	86.7	9.2	.8	10.0	1.4
7	15.4	24.6	18.8	85.0	1.6	1.8	3.4	2.8
8	16.2	23.0	19.4	85.3	.5	0.0	.5	5.2
9	15.0	27.5	20.6	74.3	0.0	0.0	0.0	7.7
10	16.0	25.5	20.4	75.3	0.0	.5	.5	3.0
11	15.9	24.0	19.0	83.0	.6	0.0	.6	4.7
12	16.0	24.5	19.3	76.7	0.0	1.4	1.4	.7
13	15.0	26.1	19.5	69.7	0.0	0.0	0.0	2.9
14	14.4	27.8	20.8	61.7	0.0	0.0	0.0	4.6
15	17.0	27.0	21.6	56.3	0.0	0.0	0.0	4.9
16	17.4	26.2	21.6	42.0	0.0	0.0	0.0	7.8
17	14.9	27.0	20.8	50.7	0.0	0.0	0.0	5.2
18	15.0	26.5	20.5	64.0	0.0	0.0	0.0	1.8
19	16.0	27.0	20.8	62.0	0.0	0.0	0.0	3.3
20	16.5	27.4	20.9	59.3	0.0	0.0	0.0	4.5
21	15.0	24.0	19.0	76.0	0.0	0.0	0.0	.5
22	14.4	30.0	21.0	62.7	0.0	0.0	0.0	6.2
23	14.5	28.5	20.5	69.3	0.0	0.0	0.0	5.9
24	16.0	27.0	20.3	66.3	0.0	0.0	0.0	4.0
25	15.5	29.0	22.7	37.3	0.0	0.0	0.0	9.5
26	16.0	29.2	21.6	54.7	0.0	0.0	0.0	6.0
27	15.0	25.0	19.3	78.0	0.0	0.0	0.0	1.3
28	14.5	24.0	19.4	83.7	.9	0.0	.9	1.7
29	16.0	24.5	18.6	80.3	4.9	.3	5.2	3.5
30	16.1	23.4	18.9	84.0	3.3	41.9	45.2	2.3
31	15.2	19.5	16.7	91.3	9.7	1.0	10.7	.1
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	15.6	25.7	19.9	70.3	30.7	54.1	84.8	117.7

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	22.5	18.2	89.3	3.9	0.0	3.9	1.2
2	15.2	26.5	21.1	59.3	0.0	0.0	0.0	6.0
3	16.0	27.2	21.2	48.7	0.0	0.0	0.0	5.4
4	15.5	25.0	19.7	70.7	0.0	0.0	0.0	3.9
5	14.5	23.2	19.0	78.0	0.0	0.0	0.0	1.4
6	14.0	25.5	19.2	74.3	.1	.4	.5	5.4
7	16.0	23.2	18.7	82.7	6.8	1.1	7.9	1.8
8	15.9	20.5	17.1	92.3	24.6	2.7	27.3	.4
9	15.2	22.5	18.6	80.7	.3	0.0	.3	3.1
10	16.0	25.5	20.7	53.7	0.0	0.0	0.0	
11	17.0	27.9	22.4	38.0	0.0	0.0	0.0	
12	16.8	27.8	21.9	33.0	0.0	0.0	0.0	9.9
13	16.4	25.0	20.2	45.3	0.0	0.0	0.0	7.0
14	16.0	23.0	20.0	52.0	0.0	0.0	0.0	6.3
15	18.5	23.5	19.7	42.3	0.0	0.0	0.0	8.9
16	16.5	25.0	20.6	45.7	0.0	0.0	0.0	3.7
17	16.0	24.8	20.9	49.3	0.0	0.0	0.0	4.4
18	15.0	25.0	20.1	50.7	0.0	0.0	0.0	7.2
19	16.8	26.0	20.6	51.0	0.0	0.0	0.0	5.9
20	16.5	25.0	21.4	52.7	0.0	0.0	0.0	2.4
21	17.4	25.5	21.5	53.0	0.0	0.0	0.0	2.0
22	18.4	27.5	22.4	46.0	0.0	0.0	0.0	4.0
23	16.5	26.0	21.2	49.7	0.0	0.0	0.0	6.7
24	17.5	25.0	20.9	48.7	0.0	0.0	0.0	3.7
25	17.0	28.1	22.8	37.0	0.0	0.0	0.0	7.2
26	14.5	29.5	22.7	50.3	0.0	0.0	0.0	6.3
27	14.9	27.1	21.5	57.0	0.0	0.0	0.0	4.4
28	17.8	27.5	22.7	45.7	0.0	0.0	0.0	6.2
29	16.8	28.5	22.6	37.7	0.0	0.0	0.0	6.9
30	18.0	29.0	22.5	41.7	0.0	0.0	0.0	8.7
31	16.0	27.2	20.5	67.0	0.0	0.0	0.0	1.9
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.2	25.7	20.7	55.6	35.7	4.2	39.9	

ESTACION: OSPINA PEREZ

DPTO: NARIÑO

LATITUD : 01° 15'N

AÑO: 1991

MPIO: CONSACA

LONGITUD: 77° 29'W

ALTITUD : 1700 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	28.0	21.2	54.7	0.0	0.0	0.0	3.2
2	17.8	30.0	23.7	34.3	0.0	0.0	0.0	8.4
3	16.5	29.5	21.6	45.0	0.0	0.0	0.0	6.8
4	15.0	30.2	22.3	48.0	0.0	0.0	0.0	9.4
5	15.1	29.2	23.7	40.3	0.0	0.0	0.0	10.2
6	14.8	30.0	21.2	65.0	0.0	0.0	0.0	6.7
7	14.7	28.8	23.0	65.0	0.0	0.0	0.0	9.3
8	14.0	29.5	22.7	48.3	0.0	0.0	0.0	6.1
9	16.8	29.2	21.8	61.3	0.0	0.0	0.0	4.6
10	16.0	27.8	21.7	56.7	0.0	0.0	0.0	6.5
11	19.5	28.0	22.8	34.3	0.0	0.0	0.0	9.4
12	17.5	27.2	22.0	44.0	0.0	0.0	0.0	7.4
13	18.2	28.9	23.0	45.0	0.0	0.0	0.0	4.8
14	13.0	26.2	19.0	70.3	0.0	0.0	0.0	1.6
15	13.2	25.4	19.1	76.7	0.0	14.8	14.8	5.5
16	15.0	22.0	18.3	85.3	1.0	9.4	10.4	1.2
17	14.8	25.0	18.9	78.0	.3	0.0	.3	5.5
18	15.0	26.0	19.3	77.3	.2	3.1	3.3	5.6
19	15.8	25.5	18.4	86.3	.5	.1	.6	2.3
20	16.0	20.2	17.1	94.0	14.1	8.8	22.9	.1
21	15.4	22.0	18.0	89.7	5.0	16.6	21.6	1.4
22	15.8	21.5	18.3	92.0	2.9	5.1	8.0	1.6
23	16.0	25.5	19.5	83.3	0.0	1.7	1.7	3.1
24	16.2	22.8	19.2	86.0	.9	.1	1.0	3.4
25	14.9	23.5	18.8	79.7	1.3	5.1	6.4	3.5
26	15.9	26.0	19.8	82.0	0.0	.4	.4	4.0
27	15.8	26.5	19.6	80.3	11.3	42.7	54.0	6.8
28	14.0	22.4	18.5	78.3	0.0	5.4	5.4	3.8
29	15.8	20.2	17.7	92.3	1.3	4.2	5.5	.2
30	14.8	25.5	18.3	83.7	.3	6.1	6.4	4.4
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.6	26.1	20.3	68.6	39.1	123.6	162.7	146.8

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.9	21.0	17.9	92.7	2.0	4.0	6.0	.4
2	15.0	22.0	18.3	90.3	3.4	54.3	57.7	2.7
3	14.5	25.4	19.4	80.0	0.0	0.0	0.0	6.1
4	14.8	26.0	19.1	73.7	0.0	0.0	0.0	5.4
5	13.5	26.5	19.5	71.0	0.0	.2	.2	8.1
6	15.8	25.3	19.1	80.7	0.0	6.5	6.5	4.8
7	14.9	24.8	19.2	78.3	0.0	.1	.1	2.0
8	14.5	24.5	17.9	80.3	15.7	.7	16.4	4.8
9	14.2	19.8	17.3	89.0	.7	0.0	.7	0.0
10	13.5	27.3	19.4	68.3	0.0	0.0	0.0	7.8
11	14.6	26.1	19.7	70.3	0.0	0.0	0.0	6.1
12	14.8	27.0	20.4	72.7	0.0	0.0	0.0	8.0
13	14.2	26.9	19.6	69.3	0.0	0.0	0.0	8.0
14	13.8	25.2	19.3	71.7	0.0	0.0	0.0	10.0
15	13.0	25.5	19.9	73.0	0.0	0.0	0.0	8.0
16	13.2	29.4	20.9	64.0	0.0	0.0	0.0	9.8
17	15.5	28.2	20.6	63.3	0.0	0.0	0.0	8.8
18	16.0	25.0	20.0	67.0	0.0	0.0	0.0	2.8
19	14.5	26.7	19.5	70.0	0.0	0.0	0.0	4.9
20	15.0	25.4	20.6	49.0	0.0	0.0	0.0	3.9
21	15.8	26.2	20.1	41.3	0.0	0.0	0.0	10.0
22	14.5	29.9	21.4	54.7	0.0	0.0	0.0	8.3
23	17.5	30.0	21.4	61.3	0.0	0.0	0.0	7.3
24	15.4	27.9	20.0	68.7	0.0	0.0	0.0	5.8
25	14.0	26.4	19.7	78.3	0.0	17.3	17.3	7.2
26	15.0	23.4	18.4	91.3	5.7	0.0	5.7	2.7
27	15.8	25.1	18.8	81.0	1.2	0.0	1.2	5.0
28	15.0	24.2	18.9	84.7	0.0	.2	.2	2.4
29	15.4	24.1	19.3	80.7	0.0	0.0	0.0	2.8
30	15.0	27.0	20.5	74.3	0.0	0.0	0.0	6.0
31	15.8	24.0	19.3	82.7	.6	.3	.9	4.5
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	14.9	25.7	19.5	73.3	29.3	83.6	112.9	174.4

ESTACION: OSPINA PEREZ

DPTO: NARIÑO

LATITUD : 01° 15' N

AÑO: 1991

MPIO: CONSACA

LONGITUD: 77° 29' W
ALTITUD : 1700 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	24.0	19.1	84.0	.4	0.0	.4	1.3
2	15.1	24.2	19.2	66.3	.2	.1	.3	1.8
3	14.9	24.0	18.7	82.7	.4	4.6	5.0	1.2
4	15.0	24.2	18.7	82.0	0.0	.4	.4	3.4
5	14.9	26.2	20.3	77.3	0.0	0.0	0.0	6.0
6	16.6	23.2	18.9	86.0	2.8	14.4	17.2	.5
7	15.8	23.4	18.9	85.7	.1	.3	.4	2.2
8	15.4	22.2	18.5	85.3	.3	1.8	2.1	.6
9	15.0	22.0	18.1	85.0	.1	1.9	2.0	.6
10	15.7	22.4	18.7	83.3	0.0	6.9	6.9	3.8
11	15.4	26.0	19.5	84.3	0.0	0.0	0.0	6.1
12	15.1	27.2	19.9	80.3	0.0	.4	.4	6.3
13	16.0	23.8	18.3	88.0	7.9	.1	8.0	2.4
14	15.4	23.4	18.6	83.3	0.0	.5	.5	2.2
15	15.0	22.7	18.1	80.0	0.0	0.0	0.0	1.5
16	14.7	22.6	17.7	85.0	0.0	0.0	0.0	2.4
17	14.8	24.3	18.3	83.0	0.0	9.5	9.5	3.6
18	14.0	27.4	19.4	77.0	0.0	0.0	0.0	7.7
19	16.0	25.2	19.0	81.3	1.9	9.6	11.5	6.0
20	15.9	24.8	18.8	85.3	5.3	.1	5.4	4.1
21	15.1	25.2	18.6	82.3	4.0	.1	4.1	5.5
22	15.0	25.4	19.5	81.0	.4	0.0	.4	5.2
23	14.5	25.8	19.8	74.0	0.0	0.0	0.0	8.0
24	16.0	26.2	19.7	80.0	10.2	3.4	13.6	6.5
25	16.7	26.0	19.9	82.7	1.8	.1	1.9	6.0
26	17.0	26.8	20.1	78.3	1.2	0.0	1.2	6.2
27	16.9	26.2	20.5	80.0	.1	.1	.2	3.4
28	17.0	25.0	19.6	84.0	5.9	0.0	5.9	2.8
29	14.8	25.4	19.6	78.3	0.0	0.0	0.0	5.9
30	15.0	25.2	19.6	80.3	.4	0.0	.4	7.3
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.5	24.7	19.1	81.5	43.4	54.3	97.7	120.6

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	27.1	20.4	78.0	0.0	3.6	3.6	8.4
2	17.0	25.0	19.5	84.0	1.7	14.5	16.2	3.2
3	15.8	27.5	19.9	80.0	.7	41.2	41.9	6.6
4	16.5	25.5	20.1	82.0	0.0	4.3	4.3	6.0
5	16.8	24.2	19.3	84.7	0.0	6.7	6.7	2.5
6	15.5	24.1	19.0	84.0	0.0	0.0	0.0	3.1
7	17.0	23.9	19.1	83.7	0.0	.6	.6	5.3
8	16.8	26.2	20.0	82.0	0.0	26.8	26.8	8.4
9	16.5	21.2	18.3	89.7	1.0	25.3	26.3	1.4
10	16.0	25.1	19.1	84.0	.2	7.8	8.0	5.2
11	14.9	24.2	18.8	80.3	0.0	0.0	0.0	6.5
12	15.0	26.5	19.5	77.3	0.0	3.2	3.2	8.3
13	16.7	24.0	19.2	85.3	1.5	3.3	4.8	3.0
14	15.0	24.8	18.8	81.7	0.0	9.9	9.9	6.5
15	16.0	24.0	18.4	84.7	0.0	11.4	11.4	4.0
16	15.2	24.1	19.0	82.0	0.0	4.9	4.9	3.2
17	15.9	19.2	17.3	94.3	1.0	2.2	3.2	0.0
18	16.0	24.5	18.7	81.0	.2	0.0	.2	2.2
19	15.0	25.2	19.3	78.3	0.0	0.0	0.0	3.8
20	15.4	24.0	19.2	83.0	0.0	0.0	0.0	5.8
21	15.2	24.8	19.5	77.7	0.0	0.0	0.0	4.9
22	15.1	25.3	19.2	77.7	0.0	0.0	0.0	7.6
23	16.5	26.5	20.4	76.3	0.0	.9	.9	
24	17.0	25.2	19.5	81.0	0.0	0.0	0.0	4.0
25	15.6	25.5	19.7	76.7	0.0	0.0	0.0	4.8
26	15.5	26.0	19.7	73.0	0.0	0.0	0.0	8.7
27	14.5	25.2	19.7	73.7	0.0	0.0	0.0	6.1
28	16.2	27.0	20.9	72.7	0.0	5.5	5.5	6.1
29	15.0	23.2	18.8	80.0	0.0	1.1	1.1	4.4
30	14.5	27.0	19.4	77.7	0.0	0.0	0.0	7.8
31	14.4	28.0	21.0	65.7	0.0	0.0	0.0	9.6
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.8	25.0	19.3	80.4	6.3	173.2	179.5	

Estación: OSPINA PEREZ

Dpto.: NARIÑO

Latitud : 01° 15'N

Año: 1991

Mpio.: CONSACA

Longitud: 77° 29'W

Altitud : 1700 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	15.3	24.7	19.3	13.2	26.8	80.4	131.9	14	142.4
FEBRERO	15.4	25.8	20.1	13.5	28.8	76.6	28.3	9	146.1
MARZO	16.0	25.0	19.8	14.2	29.0	81.6	186.6	25	
ABRIL	15.8	25.2	19.9	12.4	29.0	79.7	140.8	18	129.8
MAYO	16.2	24.7	19.8	15.0	29.0	82.6	202.1	20	102.7
JUNIO	16.4	25.5	20.2	14.5	30.5	76.6	122.1	13	
JULIO	15.6	25.7	19.9	14.4	30.0	70.3	84.8	11	117.7
AGOSTO	16.2	25.7	20.7	14.0	29.5	55.6	39.9	5	
SEPTIEMBRE	15.6	26.1	20.3	13.0	30.2	68.6	162.7	16	146.8
OCTUBRE	14.9	25.7	19.5	13.0	30.0	73.3	112.9	12	174.4
NOVIEMBRE	15.5	24.7	19.1	14.0	27.4	81.5	97.7	23	120.6
DICIEMBRE	15.8	25.0	19.3	14.4	28.0	80.4	179.5	19	
	=====	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	15.7	25.3	19.8			75.6			
ABSOLUTA				12.4	30.5				
TOTAL							1489.3	185	

ESTACION: GABRIEL M. BARRIGA

DPTO: NORTE DE SANTANDER

LATITUD : 08° 25'N

AÑO: 1991

MPIO: CONVENCIÓN

LONGITUD: 73° 20'W

ALTITUD : 1320 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1					.5	2.5	3.0	2.2
2					3.4	0.0	3.4	
3					0.0	0.0	0.0	
4					0.0	0.0	0.0	
5					0.0	0.0	0.0	
6					0.0	1.2	1.2	.1
7					2.7	0.0	2.7	.1
8					0.0	0.0	0.0	3.0
9					0.0	0.0	0.0	.4
10					0.0	0.0	0.0	.1
11					1.7	0.0	1.7	.9
12					0.0	0.0	0.0	4.7
13					0.0	.5	.5	5.1
14					.2	0.0	.2	2.0
15					0.0	0.0	0.0	5.2
16					0.0	0.0	0.0	6.1
17					0.0	0.0	0.0	4.2
18					0.0	0.0	0.0	3.1
19					0.0	0.0	0.0	5.4
20					0.0	0.0	0.0	7.4
21					0.0	0.0	0.0	7.2
22					0.0	.3	.3	6.6
23					0.0	0.0	0.0	3.7
24					0.0	0.0	0.0	5.6
25					0.0	0.0	0.0	4.0
26					0.0	0.0	0.0	6.7
27					0.0	0.0	0.0	4.9
28					0.0	0.0	0.0	1.0
29					0.0	0.0	0.0	4.3
30					0.0	0.0	0.0	7.7
31					0.0	.8	.8	4.2
TOTAL PROMEDIO	====	====	====	====	====	====	====	====
					8.5	5.3	13.8	

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1					.1	0.0	.1	5.6
2					0.0	0.0	0.0	6.2
3					0.0	0.0	0.0	3.8
4					0.0	0.0	0.0	3.2
5					0.0	0.0	0.0	3.3
6					0.0	0.0	0.0	4.1
7					0.0	0.0	0.0	5.3
8					0.0	0.0	0.0	5.9
9					0.0	1.5	1.5	4.1
10					1.5	0.0	1.5	.2
11					0.0	0.0	0.0	2.0
12					0.0	0.0	0.0	.3
13					0.0	0.0	0.0	.7
14					0.0	0.0	0.0	4.8
15					0.0	0.0	0.0	5.3
16					0.0	.5	.5	.4
17					.8	0.0	.8	0.0
18					0.0	0.0	0.0	1.9
19					0.0	0.0	0.0	.5
20					0.0	0.0	0.0	1.9
21					0.0	0.0	0.0	.1
22					0.0	0.0	0.0	1.0
23					8.8	0.0	8.8	3.7
24					0.0	0.0	0.0	3.2
25					0.0	0.0	0.0	7.7
26					0.0	0.0	0.0	4.3
27					0.0	.1	.1	4.5
28					0.0	0.0	0.0	3.8
TOTAL PROMEDIO	====	====	====	====	====	====	====	====
					11.2	2.1	13.3	87.8

ESTACION: GABRIEL M. BARRIGA

DPTO: NORTE DE SANTANDER

LATITUD : 08° 25'N

AÑO: 1991

MPIO: CONVENCION

LONGITUD: 73° 20'W
ALTITUD : 1320 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1					0.0	0.0	0.0	1.5
2					0.0	0.0	0.0	5.0
3					.2	0.0	.2	4.4
4					1.9	.5	2.4	4.1
5					0.0	0.0	0.0	.8
6					0.0	0.0	0.0	8.1
7					0.0	0.0	0.0	4.2
8					0.0	0.0	0.0	4.9
9					0.0	0.0	0.0	1.1
10					4.1	1.7	5.8	3.0
11					0.0	1.6	1.6	.6
12					0.0	1.2	1.2	0.0
13					0.0	0.0	0.0	2.4
14					0.0	0.0	0.0	8.9
15					0.0	0.0	0.0	9.5
16					0.0	0.0	0.0	7.6
17					0.0	.2	.2	4.0
18					0.0	0.0	0.0	1.5
19					0.0	0.0	0.0	1.6
20					0.0	0.0	0.0	5.2
21					0.0	0.0	0.0	8.0
22					0.0	0.0	0.0	5.3
23					0.0	0.0	0.0	.4
24					0.0	0.0	0.0	4.3
25					0.0	0.0	0.0	3.5
26					0.0	0.0	0.0	4.9
27					1.7	.2	1.9	0.0
28					.3	0.0	.3	1.5
29					0.0	0.0	0.0	5.0
30					0.0	2.2	2.2	6.6
31					0.0	0.0	0.0	5.9
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO					8.2	7.6	15.8	123.8

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1					0.0	0.0	0.0	5.3
2					0.0	0.0	0.0	6.1
3					0.0	0.0	0.0	5.8
4					0.0	0.0	0.0	1.0
5					0.0	15.4	15.4	1.8
6					14.3	0.0	14.3	0.0
7					0.0	3.0	3.0	.8
8					0.0	2.9	2.9	1.0
9					0.0	16.3	16.3	1.8
10					2.0	9.0	11.0	2.2
11					0.0	8.0	8.0	1.5
12					0.0	7.7	7.7	3.7
13					0.0	0.0	0.0	1.4
14					0.0	0.0	0.0	4.2
15					0.0	0.0	0.0	2.2
16					.2	0.0	.2	1.4
17					0.0	.8	.8	4.3
18					0.0	.7	.7	2.8
19					5.9	0.0	5.9	1.0
20					1.8	3.4	5.2	1.9
21					0.0	0.0	0.0	2.2
22					0.0	0.0	0.0	4.5
23					0.0	0.0	0.0	4.8
24					0.0	0.0	0.0	6.4
25					0.0	0.0	0.0	6.5
26					0.0	2.0	2.0	1.1
27					1.8	0.0	1.8	3.0
28					0.0	.8	.8	2.9
29					.1	.4	.5	2.4
30					.4	.2	.6	2.9
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO					26.5	70.6	97.1	86.9

ESTACION: GABRIEL M. BARRIGA

DPTO: NORTE DE SANTANDER

LATITUD : 08° 25'N

AÑO: 1991

MPIO: CONVENCIÓN

LONGITUD: 73° 20'W

ALTITUD : 1320 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1					0.0	.4	.4	.7
2					.1	0.0	.1	3.1
3					2.0	4.2	6.2	4.9
4					2.3	7.2	9.5	2.4
5					0.0	0.0	0.0	.8
6					0.0	0.0	0.0	.6
7					0.0	0.0	0.0	.6
8					0.0	0.0	0.0	1.1
9					0.0	0.0	0.0	1.7
10					0.0	.1	.1	.6
11					.2	2.7	2.9	3.4
12					0.0	0.0	0.0	.7
13					0.0	0.0	0.0	5.0
14					0.0	0.0	0.0	4.6
15					.9	3.3	4.2	3.0
16					0.0	0.0	0.0	1.7
17					0.0	0.0	0.0	.1
18					0.0	0.0	0.0	.9
19					0.0	.1	.1	3.8
20					.1	9.5	9.6	4.6
21					17.0	6.7	23.7	2.2
22					.2	1.3	1.5	6.5
23					0.0	0.0	0.0	4.3
24	18.0	28.2	22.2	81.3	.3	.6	.9	4.7
25	19.0	27.1	22.4	82.3	0.0	.1	.1	3.4
26	17.2	27.6	22.0	82.7	0.0	.1	.1	4.3
27	16.1	26.6	21.6	83.0	0.0	0.0	0.0	5.2
28	18.8	27.5	21.5	83.3	0.0	0.0	0.0	4.5
29	17.8	28.0	22.5	82.3	0.0	.4	.4	3.1
30	18.2	28.2	21.5	82.3	4.2	0.0	4.2	2.2
31	18.0	26.6	21.9	83.7	0.0	0.0	0.0	5.7
TOTAL					27.3	36.7	64.0	90.4
PROMEDIO								

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.1	28.2	22.4	80.3	8.7	0.0	8.7	3.8
2	19.1	28.0	22.9	85.0	0.0	0.0	0.0	6.0
3	18.1	28.2	22.7	81.3	.9	0.0	.9	4.3
4	18.0	27.4	22.8	83.7	0.0	0.0	0.0	5.1
5	18.5	28.7	23.0	80.0	.2	0.0	.2	5.0
6	18.1	28.6	20.9	83.7	8.1	0.0	8.1	3.3
7	17.8	26.1	22.0	85.0	0.0	0.0	0.0	1.6
8	19.9	28.9	22.6	83.0	0.0	0.0	0.0	5.9
9	17.6	28.0	23.0	80.0	0.0	0.0	0.0	7.4
10	18.0	28.2	22.8	71.7	0.0	0.0	0.0	2.6
11	17.5	28.8	23.1	75.3	0.0	0.0	0.0	5.8
12	17.4	30.8	23.0	71.7	0.0	0.0	0.0	8.5
13	17.2	29.2	23.4	73.0	0.0	0.0	0.0	7.4
14	18.3	28.9	22.5	78.0	0.0	0.0	0.0	3.5
15	16.2	27.0	21.8	81.7	0.0	6.7	6.7	4.4
16	16.9	26.4	20.9	86.7	0.0	0.0	0.0	1.1
17	18.4	24.8	21.0	87.0	0.0	.8	.8	.1
18	17.5	24.9	21.2	85.3	0.0	0.0	0.0	2.1
19	18.6	27.0	22.0	82.0	0.0	.5	.5	2.5
20	16.0	28.2	22.0	74.0	0.0	0.0	0.0	7.0
21	15.0	28.5	22.6	75.0	0.0	0.0	0.0	8.3
22	18.9	28.7	23.0	76.7	0.0	1.7	1.7	5.1
23	16.6	26.2	21.2	86.3	0.0	4.4	4.4	2.8
24	17.1	25.9	20.1	84.3	0.0	0.0	0.0	.8
25	16.0	25.4	20.6	80.3	2.6	1.1	3.7	3.2
26	16.8	24.9	20.3	84.3	0.0	0.0	0.0	1.5
27	18.2	25.5	21.3	83.3	0.0	2.8	2.8	1.1
28	16.9	26.2	21.0	84.0	0.0	.6	.6	2.0
29	15.6	25.0	20.1	85.0	0.0	0.0	0.0	0.0
30	16.4	27.5	21.6	80.7	0.0	0.0	0.0	5.8
TOTAL					20.5	18.6	39.1	118.0
PROMEDIO	17.5	27.3	21.9	80.9				

ESTACION: GABRIEL M. BARRIGA

DPTO: NORTE DE SANTANDER

LATITUD : 08° 25'N

LONGITUD: 73° 20'W

AÑO: 1991

MPIO: CONVENCION

ALTITUD : 1320 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.9	27.4	22.1	75.7	0.0	0.0	0.0	6.4
2	16.8	25.8	21.3	83.0	0.0	0.0	0.0	.9
3	17.0	26.8	21.1	80.3	0.0	0.0	0.0	5.3
4	17.1	25.9	21.2	81.3	0.0	.2	.2	3.1
5	17.5	27.5	20.9	80.7	1.8	.1	1.9	5.4
6	16.5	26.9	21.5	82.3	0.0	.7	.7	3.7
7	17.4	22.8	19.7	88.0	.2	0.0	.2	.1
8	16.4	26.8	21.2	81.0	.9	1.2	2.1	4.4
9	16.5	27.0	21.4	82.0	0.0	.2	.2	4.5
10	17.7	26.9	21.2	80.7	1.1	.8	1.9	5.8
11	15.9	28.0	21.3	80.0	0.0	0.0	0.0	4.9
12	16.9	23.0	20.3	87.0	.1	3.7	3.8	.1
13	16.2	24.8	19.3	86.0	0.0	0.0	0.0	1.8
14	16.4	25.1	20.4	82.3	0.0	0.0	0.0	3.7
15	15.4	27.2	21.4	81.3	0.0	.4	.4	5.0
16	16.6	29.8	23.2	64.3	0.0	.4	.4	10.0
17	15.8	28.9	22.4	66.0	0.0	0.0	0.0	8.5
18	16.0	26.2	20.6	83.0	1.3	7.6	8.9	5.4
19	15.0	25.9	21.4	82.0	0.0	0.0	0.0	6.6
20	16.4	27.1	21.7	78.3	0.0	0.0	0.0	5.8
21	16.7	25.1	20.5	83.7	0.0	0.0	0.0	2.5
22	17.5	26.8	21.7	80.3	0.0	0.0	0.0	8.2
23	18.5	27.2	22.1	79.3	0.0	0.0	0.0	3.7
24	17.8	26.8	21.7	71.7	0.0	0.0	0.0	4.6
25	15.5	28.5	21.6	71.0	0.0	0.0	0.0	10.1
26	16.0	28.0	22.0	69.3	0.0	0.0	0.0	10.0
27	17.5	26.8	21.3	79.7	0.0	0.0	0.0	3.6
28	17.1	27.8	22.1	80.7	0.0	0.0	0.0	4.1
29	17.8	28.2	21.6	77.7	0.0	0.0	0.0	3.2
30	18.6	28.8	21.0	80.0	3.7	.7	4.4	2.0
31	16.3	27.2	21.4	80.7	0.0	2.4	2.4	2.9
TOTAL PROMEDIO	16.7	26.8	21.3	79.3	9.1	18.4	27.5	147.3

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.6	23.4	18.4	93.7	5.0	0.0	5.0	.2
2	17.8	27.0	21.8	80.0	0.0	.2	.2	3.0
3	15.5	26.9	19.5	82.0	18.1	0.0	18.1	6.5
4	16.9	27.8	22.0	76.3	0.0	1.0	1.0	8.2
5	17.0	25.7	20.9	80.7	0.0	0.0	0.0	4.8
6	15.0	27.0	21.0	68.0	0.0	0.0	0.0	7.7
7	15.8	25.0	20.6	82.7	0.0	0.0	0.0	4.6
8	17.8	25.4	20.2	83.7	1.5	.5	2.0	2.6
9	16.8	25.7	20.3	85.3	0.0	1.6	1.6	3.8
10	16.9	26.2	20.8	87.0	0.0	0.0	0.0	5.8
11	16.3	26.4	20.4	84.7	0.0	0.0	0.0	3.7
12	15.8	27.4	21.3	80.3	0.0	0.0	0.0	7.8
13	17.8	27.8	22.4	78.0	0.0	0.0	0.0	5.5
14	16.7	28.9	22.6	72.7	0.0	0.0	0.0	10.0
15	16.8	30.0	22.4	67.0	0.0	0.0	0.0	10.3
16	16.9	30.2	23.1	71.3	0.0	0.0	0.0	10.0
17	17.8	27.8	22.0	75.7	0.0	0.0	0.0	5.6
18	15.9	29.2	22.4	75.0	0.0	0.0	0.0	7.1
19	16.8	29.0	22.4	76.7	0.0	0.0	0.0	5.7
20	17.3	27.3	20.8	78.7	1.6	.3	1.9	2.8
21	15.8	28.4	22.2	74.0	0.0	0.0	0.0	8.7
22	15.7	28.8	22.5	68.0	0.0	1.5	1.5	6.4
23	16.1	29.2	22.6	69.7	0.0	0.0	0.0	5.8
24	15.8	29.5	21.8	72.0	13.0	.5	13.5	7.8
25	15.0	26.8	21.1	78.0	0.0	0.0	0.0	9.3
26	17.7	28.3	22.2	78.3	0.0	.1	.1	5.8
27	17.8	28.2	22.0	80.0	0.0	0.0	0.0	3.0
28	17.6	29.2	22.9	69.3	0.0	0.0	0.0	6.4
29	15.7	30.1	22.8	65.3	0.0	0.0	0.0	9.7
30	16.8	29.8	23.4	63.0	0.0	0.0	0.0	7.2
31	16.3	30.1	23.4	71.0	0.0	1.0	1.0	6.5
TOTAL PROMEDIO	16.6	27.8	21.7	76.4	39.2	6.7	45.9	192.3

ESTACION: GABRIEL M. BARRIGA

DPTO: NORTE DE SANTANDER

LATITUD : 08° 25'N

AÑO: 1991

MPIO: CONVENCION

LONGITUD: 73° 20'W

ALTITUD : 1320 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	29.8	22.0	76.0	0.0	0.0	0.0	7.0
2	16.5	30.1	22.9	68.7	0.0	0.0	0.0	9.1
3	16.9	29.5	23.0	72.3	0.0	0.0	0.0	7.1
4	17.8	29.2	22.7	72.7	0.0	0.0	0.0	6.4
5	16.8	28.6	21.2	79.3	5.5	0.0	5.5	4.3
6	16.7	26.9	21.4	79.7	0.0	0.0	0.0	0.0
7	15.7	28.9	21.7	80.0	.6	0.0	.6	7.5
8	17.8	29.0	22.8	77.7	0.0	0.0	0.0	6.4
9	18.6	29.6	23.2	77.0	0.0	0.0	0.0	5.3
10	17.8	29.9	22.2	67.0	0.0	0.0	0.0	7.5
11	15.8	30.5	22.9	59.0	0.0	0.0	0.0	9.9
12	16.6	30.0	23.5	61.0	0.0	0.0	0.0	9.9
13	16.8	30.1	23.3	68.0	0.0	0.0	0.0	9.2
14	17.6	27.0	21.6	79.7	.9	7.9	8.8	5.2
15	17.8	25.0	20.0	88.3	6.5	5.8	12.3	1.8
16	15.1	27.3	20.2	87.0	11.6	8.9	20.5	2.1
17	16.9	27.4	21.0	81.3	1.6	.7	2.3	4.6
18	17.8	27.1	21.5	81.7	0.0	0.0	0.0	5.9
19	17.4	27.8	21.5	84.0	0.0	1.3	1.3	3.0
20	17.5	26.9	21.2	81.7	1.6	1.3	2.9	4.5
21	17.6	24.9	20.4	83.7	2.6	.7	3.3	2.0
22	17.8	25.9	20.8	83.3	0.0	0.0	0.0	4.2
23	17.4	27.5	20.8	73.7	45.6	.3	45.9	3.6
24	17.8	27.9	21.8	70.0	.1	2.2	2.3	2.3
25	16.9	27.8	21.2	82.0	.6	3.2	3.8	5.5
26	18.2	26.1	21.1	84.7	0.0	0.0	0.0	2.0
27	16.4	26.9	21.8	81.0	0.0	0.0	0.0	5.6
28	17.8	27.9	21.0	83.3	3.2	7.2	10.4	4.4
29	17.1	27.4	22.0	83.3	.4	.4	.8	6.2
30	17.9	26.3	20.8	84.7	0.0	0.0	0.0	4.5
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.2	28.0	21.7	77.7	80.8	39.9	120.7	157.0

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	28.0	22.4	77.7	0.0	6.5	6.5	4.6
2	17.0	27.0	21.5	80.7	0.0	0.0	0.0	3.8
3	17.4	26.4	21.4	82.7	0.0	1.7	1.7	5.9
4	16.2	27.0	21.7	80.7	0.0	0.0	0.0	7.3
5	17.0	26.9	20.9	80.3	0.0	0.0	0.0	6.2
6	17.6	26.2	20.7	84.7	19.0	0.0	19.0	3.6
7	17.9	25.2	20.6	83.0	24.3	0.0	24.3	2.8
8	16.8	26.2	20.6	75.3	0.0	.9	.9	4.9
9	16.9	24.2	19.3	92.3	2.7	0.0	2.7	1.9
10	17.6	26.4	19.8	81.3	.3	2.9	3.2	2.5
11	17.5	27.5	19.7	89.0	3.4	3.1	6.5	3.9
12	16.5	26.0	19.6	85.0	11.9	2.0	13.9	3.7
13	16.8	27.2	20.3	82.3	7.0	.3	7.3	6.4
14	16.9	28.2	20.8	83.3	.1	0.0	.1	4.7
15	17.6	26.3	21.3	80.7	0.0	5.9	5.9	7.1
16	15.8	25.6	19.2	79.7	.4	0.0	.4	6.8
17	16.4	26.9	20.9	79.7	0.0	3.3	3.3	5.3
18	16.6	26.8	20.0	80.3	0.0	0.0	0.0	4.4
19	15.8	26.2	19.4	78.3	0.0	0.0	0.0	5.4
20	14.8	27.4	20.7	75.0	0.0	0.0	0.0	9.2
21	15.1	26.1	21.0	79.7	0.0	0.0	0.0	9.6
22	16.4	27.5	22.0	79.0	0.0	0.0	0.0	9.1
23	15.7	25.9	20.3	81.0	0.0	0.0	0.0	9.0
24	16.5	27.4	21.7	79.7	0.0	0.0	0.0	8.7
25	17.5	24.8	20.2	83.7	0.0	0.0	0.0	0.0
26	16.8	28.1	20.8	76.7	2.1	0.0	2.1	3.8
27	17.8	25.2	20.1	82.3	0.0	0.0	0.0	1.0
28	16.2	27.0	21.2	80.3	6.4	3.3	9.7	7.5
29	17.0	26.9	21.5	80.0	0.0	22.3	22.3	3.1
30	17.8	23.4	20.1	85.3	0.0	0.0	0.0	0.0
31	15.9	25.6	20.4	82.7	0.0	0.0	0.0	4.3
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.8	26.4	20.6	81.4	77.6	52.2	129.8	156.5

ESTACION: GABRIEL M. BARRIGA

DPTO: NORTE DE SANTANDER

LATITUD : 08° 25'N

AÑO: 1991

MPIO: CONVENCION

LONGITUD: 73° 20'W

ALTITUD : 1320 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.6	25.5	20.8	87.3	0.0	.1	.1	2.8
2	17.4	24.9	20.1	85.7	0.0	14.8	14.8	1.3
3	16.8	23.9	19.3	88.7	11.8	.3	12.1	2.6
4	17.4	23.0	18.9	88.3	2.8	0.0	2.8	1.9
5	17.5	24.2	20.1	86.0	0.0	0.0	0.0	2.9
6	17.8	25.9	20.5	83.3	0.0	0.0	0.0	3.8
7	17.2	26.1	20.3	82.3	0.0	0.0	0.0	3.7
8	17.7	25.5	20.9	82.3	0.0	10.0	10.0	2.0
9	16.9	24.9	20.0	81.7	1.8	6.3	8.1	1.8
10	16.8	25.0	19.3	87.7	7.7	4.7	12.4	3.1
11	17.4	25.3	20.1	84.7	0.0	.2	.2	5.1
12	17.7	19.9	18.6	96.0	9.0	.6	9.6	0.0
13	17.0	22.0	18.3	88.0	0.0	.1	.1	.7
14	16.9	21.9	18.4	91.0	0.0	0.0	0.0	1.6
15	14.9	22.4	19.1	86.3	0.0	1.4	1.4	.7
16	16.8	24.3	18.8	87.0	0.0	0.0	0.0	4.2
17	15.9	24.1	19.5	87.0	0.0	0.0	0.0	5.2
18	16.9	24.9	20.2	86.3	0.0	2.1	2.1	2.9
19	17.8	23.8	20.2	86.3	0.0	0.0	0.0	2.3
20	18.0	24.1	20.3	87.3	0.0	19.6	19.6	1.9
21	18.1	23.9	19.8	91.7	4.1	1.9	6.0	2.3
22	17.7	21.0	19.1	92.7	1.0	0.0	1.0	0.0
23	17.9	25.8	20.3	87.3	1.8	0.0	1.8	2.0
24	17.8	23.8	20.2	90.7	0.0	2.8	2.8	.7
25	17.4	25.5	20.7	85.3	0.0	.6	.6	2.5
26	18.1	25.4	20.9	87.0	0.0	0.0	0.0	2.2
27	18.5	26.0	21.2	83.0	0.0	0.0	0.0	4.4
28	18.2	24.1	20.4	84.0	0.0	0.0	0.0	1.6
29	18.5	25.0	20.9	85.0	0.0	0.0	0.0	1.9
30	16.5	25.2	20.8	84.0	0.0	0.0	0.0	4.9
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.4	24.2	19.9	86.6	40.0	65.5	105.5	73.0

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	25.9	21.0	83.3	0.0	.3	.3	3.7
2	18.4	22.9	19.9	89.0	0.0	0.0	0.0	1.1
3	18.2	20.2	18.8	92.3	0.0	.2	.2	0.0
4	17.7	21.0	19.1	91.0	0.0	1.4	1.4	0.0
5	17.5	20.2	18.7	90.3	.1	.2	.3	0.0
6	16.9	20.5	18.6	92.0	0.0	.8	.8	.2
7	17.8	20.3	18.9	92.3	0.0	0.0	0.0	0.0
8	17.7	22.4	19.1	91.3	0.0	5.0	5.0	1.2
9	17.2	18.8	17.8	94.7	6.3	0.0	6.3	.3
10	16.9	22.2	18.4	88.3	0.0	0.0	0.0	1.0
11	16.8	21.2	18.6	89.3	0.0	0.0	0.0	1.1
12	16.9	19.6	18.2	94.3	0.0	.5	.5	0.0
13	16.7	19.8	17.9	96.0	.5	.8	1.3	0.0
14	15.9	22.8	17.6	84.3	0.0	0.0	0.0	4.8
15	15.8	20.5	16.9	93.0	0.0	0.0	0.0	.3
16	15.6	23.2	18.4	88.7	0.0	3.0	3.0	1.6
17	16.8	18.4	17.6	92.0	1.7	1.4	3.1	0.0
18	15.9	18.7	17.5	95.3	1.2	0.0	1.2	0.0
19	16.8	21.0	18.3	92.7	0.0	0.0	0.0	.3
20	15.5	18.6	16.4	91.3	0.0	.7	.7	1.0
21	14.0	19.9	16.4	89.0	1.8	4.0	5.8	2.2
22	14.6	21.0	17.0	90.0	.3	5.0	5.3	3.4
23	15.0	22.4	17.4	90.7	.8	0.0	.8	2.2
24	16.0	19.6	17.4	94.7	1.3	.8	2.1	.6
25	16.4	20.7	18.1	91.0	0.0	0.0	0.0	.2
26	17.0	19.7	18.3	91.3	0.0	0.0	0.0	0.0
27	17.1	21.0	18.8	90.3	0.0	0.0	0.0	.6
28	16.9	21.2	19.1	87.0	0.0	3.5	3.5	.2
29	16.8	20.5	18.2	90.0	0.0	0.0	0.0	.3
30	16.9	23.2	18.7	87.0	0.0	0.0	0.0	2.5
31	16.8	24.1	19.6	84.3	0.0	0.0	0.0	5.0
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.6	21.0	18.3	90.5	14.0	27.6	41.6	33.8

Estación: GABRIEL M. BARRIGA
 Año: 1991

Dpto.: NORTE DE SANTANDER
 Mpio.: CONVENCION

Latitud : 08° 25'N
 Longitud: 73° 20'W
 Altitud : 1320 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO							13.8	9	
FEBRERO							13.3	7	87.8
MARZO							15.8	9	123.8
ABRIL							97.1	18	86.9
MAYO							64.0	16	90.4
JUNIO	17.5	27.3	21.9	15.0	30.8	80.9	39.1	12	118.0
JULIO	16.7	26.8	21.3	15.0	29.8	79.3	27.5	13	147.3
AGOSTO	16.6	27.8	21.7	15.0	30.2	76.4	45.9	11	192.3
SEPTIEMBRE	17.2	28.0	21.7	15.1	30.5	77.7	120.7	14	157.0
OCTUBRE	16.8	26.4	20.6	14.8	28.2	81.4	129.8	17	156.5
NOVIEMBRE	17.4	24.2	19.9	14.9	26.1	86.8	105.5	18	73.0
DICIEMBRE	16.6	21.0	18.3	14.0	25.9	90.5	41.6	18	33.8
PROMEDIO									
ABSOLUTA									
TOTAL							714.1	162	

ESTACION: FRANCISCO ROMERO

DPTO: NORTE DE SANTANDER

LATITUD : 07° 45'N

AÑO: 1991

MPIO: SALAZAR

LONGITUD: 72° 47'W

ALTITUD : 1000 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.9	23.4	19.9	90.7	4.3	3.0	7.3	.4
2	18.0	23.2	20.3	90.7	.7	8.2	8.9	.1
3	17.9	23.4	19.4	88.7	0.0	0.0	0.0	1.2
4	16.2	26.0	20.5	81.3	0.0	0.0	0.0	4.7
5	15.8	26.2	20.8	82.7	0.0	0.0	0.0	4.6
6	17.0	24.1	20.1	87.3	0.0	0.0	0.0	.8
7	17.2	24.8	20.8	89.3	0.0	17.3	17.3	1.0
8	16.5	27.7	21.8	80.7	0.0	0.0	0.0	5.0
9	16.0	28.2	22.1	79.3	0.0	2.8	2.8	5.6
10	19.0	26.4	21.3	88.0	5.0	12.9	17.9	2.2
11	18.5	26.3	21.7	83.3	0.0	.1	.1	2.0
12	17.8	25.0	20.7	86.3	0.0	0.0	0.0	.5
13	17.9	26.8	21.0	84.0	5.1	.3	5.4	4.1
14	16.8	24.8	20.5	86.7	0.0	.1	.1	2.0
15	18.0	24.0	20.0	88.0	0.0	0.0	0.0	1.4
16	17.8	24.2	20.3	88.3	0.0	2.0	2.0	1.0
17	16.8	25.2	21.1	84.3	0.0	0.0	0.0	2.1
18	15.8	27.1	20.8	83.3	0.0	0.0	0.0	5.1
19	17.4	26.0	21.1	82.3	0.0	0.0	0.0	4.5
20	17.8	27.4	21.8	80.0	0.0	0.0	0.0	5.2
21	15.8	26.4	20.5	80.3	0.0	0.0	0.0	5.1
22	14.8	26.2	20.6	83.3	0.0	0.0	0.0	4.6
23	15.8	26.0	20.2	83.3	0.0	0.0	0.0	5.1
24	15.0	27.0	20.2	76.7	0.0	0.0	0.0	7.0
25	14.6	28.4	20.8	75.3	0.0	0.0	0.0	7.6
26	14.4	27.0	20.2	78.7	0.0	0.0	0.0	6.7
27	17.8	28.2	21.8	73.3	0.0	0.0	0.0	2.5
28	15.6	29.0	21.1	75.0	0.0	0.0	0.0	6.5
29	15.0	29.2	21.5	72.3	0.0	0.0	0.0	5.2
30	14.0	29.5	20.7	72.3	0.0	0.0	0.0	8.4
31	16.5	29.0	22.2	77.3	0.0	0.0	0.0	6.3
=====				=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.7	26.3	20.8	82.4	15.1	46.7	61.8	118.5

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	28.5	21.6	77.0	0.0	0.0	0.0	6.1
2	12.0	27.4	19.9	76.3	0.0	0.0	0.0	8.1
3	16.5	25.0	20.2	84.0	0.0	0.0	0.0	3.4
4	16.8	24.9	21.0	83.0	0.0	0.0	0.0	1.3
5	17.0	24.2	20.2	86.7	0.0	.9	.9	.3
6	18.0	25.4	20.3	88.3	.2	.6	.8	2.5
7	18.5	27.5	22.2	80.7	0.0	0.0	0.0	1.7
8	18.8	25.5	21.1	86.7	.6	17.3	17.9	1.4
9	17.4	27.8	22.6	82.0	0.0	0.0	0.0	5.2
10	19.0	25.2	20.9	87.3	.1	49.2	49.3	.6
11	17.2	28.6	22.7	81.7	0.0	0.0	0.0	4.5
12	18.2	26.2	21.9	87.0	0.0	0.0	0.0	.8
13	15.4	29.0	22.8	73.3	0.0	0.0	0.0	5.8
14	16.4	29.4	22.3	75.0	0.0	0.0	0.0	6.1
15	17.0	28.5	22.4	74.3	0.0	0.0	0.0	5.4
16	17.8	25.3	21.3	87.3	0.0	0.0	0.0	0.0
17	18.8	23.8	20.3	91.3	.1	25.7	25.8	.3
18	16.5	27.4	21.6	77.7	0.0	.1	.1	7.0
19	18.0	27.5	21.9	79.3	0.0	.6	.6	3.5
20	18.2	23.2	19.8	89.0	3.6	1.1	4.7	.3
21	17.0	23.4	19.5	86.7	0.0	.9	.9	.7
22	16.8	27.5	21.4	77.7	0.0	0.0	0.0	5.2
23	18.4	28.0	22.2	75.3	0.0	.4	.4	3.4
24	18.0	25.0	20.9	84.3	1.0	0.0	1.0	0.0
25	18.7	27.0	21.3	81.3	0.0	.3	.3	1.4
26	18.8	29.5	22.3	77.7	0.0	0.0	0.0	3.7
27	17.0	28.0	21.9	76.3	0.0	0.0	0.0	1.6
28	18.0	29.2	21.7	77.0	.4	.8	1.2	2.1
29								
30								
31								
=====				=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.3	26.7	21.3	81.6	6.0	97.9	103.9	82.4

ESTACION: FRANCISCO ROMERO

DPTO: NORTE DE SANTANDER

LATITUD : 07° 45'N

AÑO: 1991

MPIO: SALAZAR

LONGITUD: 72° 47'W

ALTITUD : 1000 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	29.5	22.6	77.3	0.0	0.0	0.0	5.7
2	17.0	28.0	21.8	80.3	10.4	0.0	10.4	3.6
3	18.8	28.8	22.7	77.3	0.0	2.2	2.2	3.3
4	18.6	27.8	21.8	81.0	.3	.2	.5	3.3
5	18.8	24.0	20.6	87.7	1.6	0.0	1.6	.2
6	17.5	23.5	20.0	92.7	4.4	22.8	27.2	1.7
7	18.6	26.4	20.8	83.0	52.9	0.0	52.9	2.6
8	18.0	26.0	21.2	85.0	3.9	.3	4.2	.7
9	18.2	26.4	21.2	84.3	3.4	5.3	8.7	.5
10	17.0	29.5	20.9	79.0	41.7	0.0	41.7	2.7
11	18.0	25.8	21.2	84.7	0.0	1.3	1.3	.7
12	19.2	25.0	21.1	87.3	17.9	31.8	49.7	0.0
13	18.4	26.5	20.8	87.3	1.9	15.9	17.8	1.8
14	16.0	30.9	22.0	71.3	0.0	0.0	0.0	9.0
15	16.2	30.5	22.8	75.0	0.0	0.0	0.0	8.7
16	17.4	29.4	22.9	77.7	0.0	0.0	0.0	6.6
17	15.8	27.6	21.2	84.3	0.0	0.0	0.0	5.3
18	18.0	27.0	22.0	81.3	0.0	0.0	0.0	5.0
19	17.5	27.2	22.1	80.0	0.0	0.0	0.0	6.2
20	15.2	28.2	22.0	77.7	0.0	0.0	0.0	8.1
21	15.0	28.4	22.1	76.3	0.0	0.0	0.0	6.2
22	18.0	22.0	19.1	94.0	1.4	0.0	1.4	0.0
23	16.4	26.5	21.6	83.3	0.0	0.0	0.0	5.7
24	16.8	25.8	21.0	80.7	0.0	0.0	0.0	1.6
25	14.8	24.8	20.8	85.0	1.7	0.0	1.7	.6
26	18.8	24.2	20.9	86.3	0.0	0.0	0.0	1.2
27	18.5	22.5	19.3	95.3	17.8	8.3	26.1	0.0
28	17.0	24.0	20.4	88.0	9.0	.2	9.2	.2
29	18.0	25.9	21.2	85.0	5.9	3.7	9.6	3.4
30	17.2	27.0	21.0	81.0	1.2	.3	1.5	5.3
31	16.1	27.8	21.8	79.0	0.0	75.2	75.2	5.5
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.4	26.7	21.3	82.8	175.4	167.5	342.9	105.4

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	27.5	20.7	79.3	0.0	0.0	0.0	5.2
2	15.2	26.5	20.1	82.3	0.0	0.0	0.0	6.5
3	17.8	26.3	22.0	82.0	0.0	0.0	0.0	2.3
4	18.0	26.5	22.1	82.7	0.0	0.0	0.0	3.9
5	17.4	27.0	22.5	83.7	0.0	29.2	29.2	4.8
6	17.0	24.7	20.5	86.7	0.0	0.0	0.0	0.0
7	16.0	27.2	21.4	81.7	0.0	0.0	0.0	3.8
8	17.8	26.7	22.1	82.3	.8	4.5	5.3	2.2
9	19.0	26.6	22.1	84.7	.4	2.5	2.9	1.7
10	18.0	26.8	21.9	85.7	0.0	1.0	1.0	2.1
11	16.8	27.4	21.3	85.3	14.1	1.3	15.4	2.6
12	17.5	27.2	21.2	85.3	52.7	5.7	58.4	1.9
13	17.2	24.7	20.4	90.7	.2	0.0	.2	.2
14	17.4	27.0	21.5	82.3	10.0	0.0	10.0	2.4
15	18.4	26.5	21.4	84.7	0.0	0.0	0.0	1.9
16	16.7	28.2	21.5	80.7	0.0	0.0	0.0	5.0
17	17.6	27.8	21.5	83.7	5.5	0.0	5.5	3.7
18	17.8	27.0	22.4	84.0	0.0	0.0	0.0	1.1
19	18.8	26.2	21.8	83.3	.1	0.0	.1	.9
20	18.0	28.5	22.5	81.0	.1	.1	.2	2.1
21	19.0	27.5	22.0	78.7	0.0	0.0	0.0	1.6
22	17.8	27.8	22.5	82.0	0.0	0.0	0.0	4.1
23	18.4	29.2	21.8	80.3	1.2	0.0	1.2	3.8
24	17.0	30.0	22.9	73.0	0.0	0.0	0.0	6.5
25	16.0	31.3	23.1	73.7	0.0	0.0	0.0	8.6
26	17.8	29.0	23.1	78.0	.1	1.6	1.7	3.0
27	18.4	31.0	23.2	71.0	0.0	0.0	0.0	5.3
28	17.8	28.0	22.0	77.0	0.0	0.0	0.0	.2
29	17.9	28.5	22.9	74.0	0.0	11.6	11.6	2.7
30	18.8	30.2	23.3	78.0	0.0	0.0	0.0	2.9
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.6	27.6	21.9	81.3	85.2	57.5	142.7	93.0

ESTACION: FRANCISCO ROMERO

DPTO: NORTE DE SANTANDER

LATITUD : 07° 45'N

AÑO: 1991

MPIO: SALAZAR

LONGITUD: 72° 47'W
ALTITUD : 1000 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	27.4	22.6	75.7	0.0	0.0	0.0	1.0
2	18.4	29.3	22.8	73.7	0.0	0.0	0.0	3.3
3	18.0	30.0	23.0	75.7	1.8	0.0	1.8	5.0
4	18.8	27.8	21.9	81.0	25.0	2.5	27.5	1.4
5	18.0	27.0	22.5	85.0	0.0	28.4	28.4	1.1
6	19.0	28.0	22.5	80.0	0.0	1.5	1.5	1.9
7	18.2	28.8	23.0	84.0	0.0	0.0	0.0	4.4
8	17.0	30.2	23.1	75.7	0.0	0.0	0.0	5.2
9	18.7	28.3	22.8	79.7	0.0	0.0	0.0	3.4
10	18.2	28.2	22.9	77.3	3.0	0.0	3.0	.9
11	18.6	29.0	22.8	80.7	0.0	23.6	23.6	4.0
12	19.0	27.8	22.7	83.3	.9	.9	1.8	.4
13	18.4	29.0	23.9	75.7	0.0	0.0	0.0	4.1
14	19.0	31.5	23.8	76.0	0.0	1.2	1.2	8.2
15	19.5	28.0	21.4	82.3	5.9	0.0	5.9	1.7
16	18.9	28.2	23.0	82.7	12.7	0.0	12.7	2.6
17	19.2	28.1	23.0	84.3	3.0	.7	3.7	1.3
18	18.0	29.5	22.7	83.7	0.0	.5	.5	4.6
19	18.4	29.2	24.0	72.3	0.0	0.0	0.0	4.4
20	18.0	29.9	23.6	79.3	0.0	23.8	23.8	3.4
21	17.8	28.0	20.7	87.3	2.8	8.1	10.9	4.6
22	17.7	29.5	23.2	75.7	0.0	20.0	20.0	3.7
23	17.9	29.0	22.9	82.7	.3	17.7	18.0	5.2
24	17.4	27.4	21.5	79.0	0.0	.5	.5	2.9
25	16.8	29.5	22.5	77.3	0.0	0.0	0.0	6.1
26	18.4	31.0	23.9	71.0	0.0	0.0	0.0	6.3
27	17.2	30.7	22.4	73.0	0.0	0.0	0.0	7.5
28	17.9	28.2	22.0	80.3	0.0	0.0	0.0	4.8
29	18.0	29.5	23.8	77.7	0.0	0.0	0.0	4.4
30	19.0	29.4	23.5	76.0	.7	.9	1.6	5.9
31	18.6	29.0	21.9	80.0	.5	6.2	6.7	3.1
TOTAL PROMEDIO	18.3	28.9	22.8	79.0	56.6	136.5	193.1	116.8

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	29.2	23.0	76.3	7.0	0.0	7.0	5.2
2	17.2	30.0	22.9	78.0	0.0	0.0	0.0	6.0
3	17.8	28.2	22.9	76.7	0.0	0.0	0.0	4.4
4	16.9	31.2	23.4	71.0	0.0	0.0	0.0	6.7
5	17.9	30.0	23.0	73.3	0.0	0.0	0.0	5.1
6	19.2	29.0	22.6	78.3	3.4	0.0	3.4	4.0
7	18.4	29.2	23.1	77.3	0.0	0.0	0.0	4.3
8	18.5	30.2	23.3	74.3	0.0	0.0	0.0	6.6
9	17.0	31.0	23.4	78.3	0.0	0.0	0.0	9.0
10	19.8	28.5	23.2	74.7	0.0	0.0	0.0	3.2
11	18.0	29.6	23.0	76.7	0.0	0.0	0.0	6.7
12	17.8	29.5	22.9	78.7	0.0	0.0	0.0	7.0
13	17.0	28.4	22.5	77.0	0.0	0.0	0.0	4.8
14	18.2	29.2	23.1	73.3	0.0	0.0	0.0	4.5
15	16.8	29.0	23.2	76.3	0.0	0.0	0.0	6.0
16	18.0	25.8	21.3	81.7	.4	0.0	.4	.3
17	18.8	24.4	20.1	91.7	6.2	0.0	6.2	.3
18	16.8	29.8	22.8	75.0	0.0	1.1	1.1	6.3
19	17.2	31.2	23.0	70.7	0.0	0.0	0.0	3.8
20	16.5	30.4	23.1	73.0	0.0	0.0	0.0	5.9
21	16.8	31.0	23.7	66.7	0.0	0.0	0.0	7.8
22	17.2	31.2	23.9	75.0	.2	0.0	.2	6.7
23	19.2	31.0	24.8	71.3	0.0	4.7	4.7	5.1
24	18.8	26.4	21.3	81.7	1.6	9.1	10.7	2.1
25	17.2	26.8	21.2	80.7	1.7	0.0	1.7	3.0
26	18.0	29.0	23.0	75.7	0.0	0.0	0.0	3.8
27	17.4	28.1	22.0	78.0	0.0	1.4	1.4	2.7
28	18.0	28.2	22.6	77.0	0.0	.9	.9	5.0
29	17.8	26.0	20.8	78.7	.3	0.0	.3	.1
30	17.0	30.2	22.8	72.7	0.0	.1	.1	6.8
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.7	29.1	22.7	76.3	20.8	17.3	38.1	143.2

ESTACION: FRANCISCO ROMERO

DPTO: NORTE DE SANTANDER

LATITUD : 07° 45'N

AÑO: 1991

MPIO: SALAZAR

LONGITUD: 72° 47'W

ALTITUD : 1000 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	28.8	21.9	72.3	0.0	0.0	0.0	5.1
2	17.0	28.2	22.0	76.7	0.0	0.0	0.0	1.1
3	16.8	26.9	21.3	81.7	2.7	0.0	2.7	3.2
4	17.2	28.0	21.8	74.7	0.0	.1	.1	3.5
5	17.8	30.0	23.2	71.0	0.0	.3	.3	5.5
6	16.5	29.8	23.5	70.3	0.0	0.0	0.0	4.9
7	17.1	24.0	20.3	86.7	2.3	2.0	4.3	.2
8	16.6	28.4	21.5	77.7	0.0	.2	.2	5.1
9	17.8	30.8	22.3	77.0	2.5	1.7	4.2	3.2
10	16.9	28.0	20.6	86.0	1.6	0.0	1.6	5.3
11	17.0	28.4	20.8	76.7	11.8	0.0	11.8	4.8
12	16.5	28.5	22.5	78.3	0.0	0.0	0.0	4.4
13	16.9	25.2	20.2	86.0	.7	0.0	.7	1.0
14	16.3	28.0	22.0	75.3	0.0	0.0	0.0	4.4
15	16.2	29.5	22.9	72.3	0.0	0.0	0.0	6.9
16	17.8	29.8	23.2	74.0	0.0	3.5	3.5	6.6
17	16.2	29.4	22.5	69.0	0.0	.1	.1	5.8
18	17.8	28.9	22.5	74.0	1.0	0.0	1.0	2.9
19	16.9	29.0	21.8	71.7	0.0	.7	.7	8.2
20	17.2	31.2	22.8	68.3	0.0	0.0	0.0	5.5
21	17.0	26.6	21.3	79.0	0.0	2.6	2.6	1.7
22	17.5	30.0	22.8	68.3	0.0	0.0	0.0	7.8
23	18.0	31.0	23.3	76.3	0.0	0.0	0.0	5.8
24	17.2	28.2	22.4	72.0	0.0	0.0	0.0	4.6
25	17.0	27.9	21.3	74.7	0.0	0.0	0.0	3.3
26	18.0	32.2	24.4	59.0	0.0	0.0	0.0	7.5
27	14.1	31.4	23.9	62.0	0.0	0.0	0.0	7.8
28	16.9	31.2	23.4	72.0	0.0	0.0	0.0	6.7
29	16.8	30.0	23.1	69.0	0.0	0.0	0.0	6.7
30	18.0	28.9	21.9	76.7	33.4	0.0	33.4	2.0
31	18.1	29.5	22.2	77.7	1.5	0.0	1.5	2.6
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.1	29.0	22.2	74.4	57.5	11.2	68.7	144.1

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	25.0	20.3	90.3	1.0	0.0	1.0	.4
2	17.0	29.5	23.5	72.3	0.0	0.0	0.0	3.1
3	17.4	28.0	21.8	73.7	0.0	.6	.6	4.4
4	17.0	27.9	23.0	76.0	0.0	1.6	1.6	2.6
5	18.2	26.0	21.3	81.7	0.0	0.0	0.0	1.0
6	17.0	29.4	22.5	66.7	0.0	.4	.4	5.3
7	18.2	26.8	21.7	82.0	.7	0.0	.7	2.8
8	17.0	28.6	22.1	79.7	1.5	.1	1.6	5.5
9	16.6	27.8	22.0	81.3	1.7	0.0	1.7	2.9
10	18.2	30.0	22.7	75.3	.1	0.0	.1	4.9
11	18.6	28.4	22.1	76.0	.2	0.0	.2	4.3
12	17.4	28.5	23.2	71.7	0.0	.6	.6	2.5
13	18.0	28.2	22.2	77.7	0.0	3.8	3.8	4.9
14	16.8	31.0	23.0	75.3	0.0	.4	.4	9.3
15	18.0	29.0	22.9	73.7	0.0	0.0	0.0	8.5
16	17.0	31.0	22.8	70.0	0.0	0.0	0.0	8.6
17	19.0	29.0	22.9	72.3	0.0	0.0	0.0	3.5
18	17.0	30.0	22.6	72.0	0.0	0.0	0.0	6.5
19	18.0	29.7	23.2	69.7	0.0	.7	.7	7.1
20	18.6	30.2	22.4	77.7	.4	0.0	.4	5.7
21	16.8	29.0	22.4	72.0	0.0	0.0	0.0	6.9
22	17.0	31.2	22.7	71.0	0.0	0.0	0.0	7.3
23	18.0	30.2	22.9	71.0	0.0	0.0	0.0	7.0
24	17.0	30.0	22.2	77.3	3.3	0.0	3.3	5.9
25	16.0	29.7	21.8	72.0	0.0	0.0	0.0	6.2
26	15.8	31.1	23.3	68.3	0.0	.1	.1	7.5
27	16.8	28.8	22.9	71.0	0.0	0.0	0.0	5.2
28	18.7	30.5	23.4	67.0	0.0	0.0	0.0	4.6
29	16.9	30.5	22.5	69.7	0.0	0.0	0.0	6.5
30	17.0	30.8	23.6	68.0	0.0	0.0	0.0	5.0
31	17.1	30.5	23.0	71.3	.2	.7	.9	5.6
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.4	29.2	22.5	74.0	9.1	9.0	18.1	161.5

ESTACION: FRANCISCO ROMERO

DPTO: NORTE DE SANTANDER

LATITUD : 07° 45'N

AÑO: 1991

MPIO: SALAZAR

LONGITUD: 72° 47'W

ALTITUD : 1000 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	31.0	24.2	63.7	0.0	0.0	0.0	6.2
2	18.0	31.7	24.1	63.3	0.0	0.0	0.0	7.5
3	17.5	31.8	23.9	68.3	0.0	0.0	0.0	8.7
4	18.0	31.2	24.2	64.7	0.0	0.0	0.0	6.0
5	18.6	29.2	23.6	68.7	0.0	.9	.9	5.2
6	17.2	29.8	23.1	71.7	0.0	.2	.2	3.6
7	17.8	32.7	23.9	66.7	0.0	0.0	0.0	7.1
8	17.2	31.8	24.1	68.7	0.0	0.0	0.0	8.3
9	17.8	31.2	23.3	72.3	2.7	.3	3.0	5.9
10	17.4	31.3	23.0	72.0	0.0	0.0	0.0	5.5
11	16.2	31.5	23.5	67.0	0.0	0.0	0.0	9.1
12	16.4	32.2	24.0	65.3	0.0	0.0	0.0	9.0
13	17.0	32.4	25.0	62.7	0.0	0.0	0.0	7.6
14	18.0	30.0	24.6	71.0	0.0	.2	.2	3.7
15	19.0	29.8	22.0	81.3	1.3	0.0	1.3	2.5
16	16.5	29.7	23.8	70.0	0.0	13.0	13.0	4.7
17	18.0	27.4	21.0	91.3	10.5	5.6	16.1	1.9
18	18.2	29.1	22.6	80.7	9.7	46.9	56.6	3.9
19	17.5	29.8	24.2	75.3	0.0	0.0	0.0	6.1
20	17.0	30.0	23.4	76.7	0.0	9.2	9.2	3.9
21	20.0	27.2	21.7	86.3	23.5	0.0	23.5	2.1
22	18.0	27.5	22.1	80.3	0.0	0.0	0.0	3.1
23	17.0	30.0	23.4	76.0	0.0	8.8	8.8	5.7
24	19.5	28.9	22.5	78.3	0.0	0.0	0.0	6.1
25	19.0	30.0	24.1	72.0	0.0	18.9	18.9	5.2
26	18.0	28.4	22.1	81.3	6.2	0.0	6.2	4.3
27	16.2	29.4	22.1	74.7	0.0	0.0	0.0	5.9
28	16.9	29.0	21.8	80.3	18.0	0.0	18.0	5.1
29	17.8	30.0	23.9	75.7	0.0	.4	.4	6.4
30	17.2	29.4	24.1	77.0	0.0	.1	.1	6.3
31								
TOTAL PROMEDIO	17.7	30.1	23.3	73.5	71.9	104.5	176.4	166.6

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	30.0	22.6	76.3	6.9	3.5	10.4	3.8
2	19.0	29.4	24.2	74.0	0.0	.1	.1	5.1
3	18.4	27.8	22.4	79.0	2.3	0.0	2.3	8.1
4	16.4	30.2	23.0	73.3	0.0	1.0	1.0	8.4
5	18.0	28.9	22.8	77.7	0.0	0.0	0.0	2.4
6	17.9	26.2	20.9	89.7	0.0	0.0	0.0	3.5
7	17.6	25.4	21.2	83.0	5.1	5.8	10.9	2.1
8	18.8	27.2	21.5	85.7	.8	.1	.9	.9
9	18.0	25.8	21.2	82.7	.4	0.0	.4	4.0
10	16.8	28.5	23.0	76.0	0.0	0.0	0.0	7.0
11	17.4	29.9	22.4	77.0	2.7	42.2	44.9	7.2
12	16.4	28.0	21.7	80.3	.4	1.9	2.3	8.1
13	17.0	29.2	23.3	75.7	0.0	29.2	29.2	5.4
14	17.8	30.1	22.2	75.7	4.0	0.0	4.0	2.7
15	18.0	28.4	22.2	80.7	.3	20.0	20.3	3.7
16	16.4	27.2	21.1	79.0	0.0	.1	.1	1.6
17	17.0	27.0	21.5	78.7	.2	12.4	12.6	4.4
18	17.8	26.4	20.5	79.3	0.0	0.0	0.0	3.9
19	15.0	26.0	19.7	80.7	0.0	0.0	0.0	8.0
20	16.0	29.2	21.0	73.0	0.0	0.0	0.0	8.7
21	15.0	30.1	22.2	74.3	0.0	0.0	0.0	7.1
22	16.8	29.0	20.9	77.7	4.3	.4	4.7	8.5
23	16.5	29.1	21.7	71.0	0.0	0.0	0.0	7.8
24	16.0	29.4	21.8	75.7	0.0	0.0	0.0	3.3
25	16.2	28.0	21.7	78.3	0.0	.4	.4	7.3
26	17.4	29.8	22.5	74.0	0.0	.5	.5	3.3
27	17.0	27.9	22.0	78.0	0.0	0.0	0.0	6.5
28	16.4	29.5	22.1	72.0	0.0	0.0	0.0	5.5
29	16.0	29.2	22.5	75.0	0.0	1.4	1.4	1.1
30	18.0	27.0	22.3	80.7	0.0	28.1	28.1	5.2
31	17.0	27.8	21.5	79.0	0.0	0.0	0.0	
TOTAL PROMEDIO	17.1	28.3	21.9	77.8	27.4	147.1	174.5	

ESTACION: FRANCISCO ROMERO

DPTO: NORTE DE SANTANDER

LATITUD : 07° 45'N

AÑO: 1991

MPIO: SALAZAR

LONGITUD : 72° 47'W

ALTITUD : 1000 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.9	28.8	21.7	80.7	.5	0.0	.5	5.9
2	16.8	27.0	22.3	81.0	.5	0.0	.5	2.6
3	17.0	26.2	21.3	83.3	.1	1.4	1.5	.7
4	18.5	25.0	21.6	85.7	0.0	7.1	7.1	.7
5	18.2	27.4	22.4	78.7	0.0	87.2	87.2	2.8
6	18.8	27.8	21.8	82.0	24.6	6.4	31.0	3.2
7	18.0	26.4	21.2	83.3	0.0	3.2	3.2	3.3
8	18.8	27.0	22.0	86.0	0.0	57.8	57.8	3.3
9	19.0	28.2	22.9	80.0	0.0	12.5	12.5	3.6
10	18.0	28.4	22.0	80.7	15.2	0.0	15.2	4.5
11	17.2	28.7	21.7	83.3	26.5	3.7	30.2	5.9
12	17.0	28.0	21.0	84.0	0.0	47.9	47.9	4.3
13	19.0	22.0	19.9	92.7	1.0	1.7	2.7	0.0
14	17.2	23.4	20.2	86.3	3.8	0.0	3.8	0.0
15	17.6	26.7	21.5	83.7	0.0	0.0	0.0	3.0
16	17.0	24.9	20.6	85.3	.6	23.1	23.7	3.3
17	16.9	26.4	21.7	81.3	0.0	0.0	0.0	5.3
18	18.2	26.0	20.9	84.0	0.0	37.0	37.0	2.1
19	16.0	26.8	20.9	84.0	0.0	0.0	0.0	4.0
20	16.1	27.0	21.2	84.0	4.0	16.3	20.3	5.6
21	17.9	27.9	21.8	82.0	7.0	41.8	48.8	4.1
22	18.0	25.2	21.5	84.7	13.4	5.7	19.1	.6
23	18.1	25.7	21.4	90.3	8.8	1.5	10.3	2.5
24	17.4	26.4	21.4	84.7	1.6	.5	2.1	3.2
25	19.0	26.2	21.7	84.7	3.2	21.9	25.1	1.9
26	18.5	26.0	21.0	85.7	0.0	0.0	0.0	1.9
27	17.2	28.5	22.6	79.7	0.0	.9	.9	5.5
28	18.5	27.6	22.0	77.7	0.0	0.0	0.0	3.4
29	18.0	27.8	21.5	79.3	0.0	0.0	0.0	2.7
30	16.4	29.8	22.9	76.3	0.0	0.0	0.0	6.2
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	17.7	26.8	21.5	83.2	110.8	377.6	488.4	96.1

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.4	27.2	22.3	82.0	0.0	0.0	0.0	3.0
2	19.0	26.6	22.2	84.7	.1	0.0	.1	2.5
3	18.2	25.4	21.4	85.7	.9	3.0	3.9	1.2
4	17.6	26.2	21.7	84.0	0.0	27.5	27.5	1.5
5	18.9	24.4	20.4	87.3	0.0	16.4	16.4	1.2
6	17.2	25.5	20.9	86.3	36.5	1.6	38.1	2.7
7	17.0	25.2	21.3	89.3	0.0	5.0	5.0	1.9
8	17.8	25.3	21.4	87.7	.9	3.1	4.0	3.2
9	19.6	25.5	21.8	84.7	0.0	.5	.5	2.1
10	18.0	27.0	21.8	79.7	0.0	0.0	0.0	3.7
11	19.0	26.9	21.9	81.3	0.0	10.1	10.1	4.8
12	19.2	24.5	21.4	88.3	4.6	.4	5.0	2.2
13	19.0	26.2	21.2	86.0	4.0	23.1	27.1	3.3
14	18.2	23.0	20.3	91.0	0.0	4.5	4.5	.1
15	17.8	23.2	19.9	90.0	1.1	2.1	3.2	.9
16	17.0	24.0	20.4	86.7	9.3	3.1	12.4	2.6
17	16.9	22.8	19.3	94.0	1.3	7.6	8.9	.1
18	17.9	24.4	20.2	85.0	0.0	0.0	0.0	.8
19	18.2	23.6	20.4	89.3	1.1	.1	1.2	.2
20	16.2	24.9	19.9	85.3	3.9	1.5	5.4	2.3
21	14.2	25.0	20.2	82.0	0.0	0.0	0.0	5.5
22	14.0	25.7	20.1	81.0	0.0	13.8	13.8	6.2
23	16.7	24.0	19.7	85.3	0.0	0.0	0.0	2.6
24	17.0	24.8	20.6	85.0	0.0	2.3	2.3	3.3
25	17.4	26.6	21.0	81.3	.6	3.5	4.1	2.9
26	15.8	24.4	18.7	91.3	.3	0.0	.3	2.8
27	17.0	20.5	17.9	95.0	3.8	0.0	3.8	0.0
28	14.8	26.0	20.1	85.3	.3	0.0	.3	4.0
29	15.0	25.3	20.3	86.0	0.0	.2	.2	5.3
30	16.4	27.2	20.1	80.3	0.0	0.0	0.0	6.3
31	15.0	26.0	19.8	80.7	0.0	0.0	0.0	2.3
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	17.2	25.1	20.6	85.9	68.7	129.4	198.1	81.5

Estación: FRANCISCO ROMERO

Dpto.: NORTE DE SANTANDER

Latitud : 07° 45'N

Año: 1991

Mpio.: SALAZAR

Longitud: 72° 47'W

Altitud : 1000 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	16.7	26.3	20.8	14.0	29.5	82.4	61.8	9	118.5
FEBRERO	17.3	26.7	21.3	12.0	29.5	81.6	103.9	13	82.4
MARZO	17.4	26.7	21.3	14.8	30.9	82.8	342.9	19	105.4
ABRIL	17.6	27.6	21.9	15.2	31.3	81.3	142.7	14	93.0
MAYO	18.3	28.9	22.8	16.8	31.5	79.0	193.1	19	116.8
JUNIO	17.7	29.1	22.7	16.5	31.2	76.3	38.1	13	143.2
JULIO	17.1	29.0	22.2	14.1	32.2	74.4	68.7	16	144.1
AGOSTO	17.4	29.2	22.5	15.8	31.2	74.0	18.1	17	161.5
SEPTIEMBRE	17.7	30.1	23.3	16.2	32.7	73.5	176.4	16	166.6
OCTUBRE	17.1	28.3	21.9	15.0	30.2	77.8	174.5	19	
NOVIEMBRE	17.7	26.8	21.5	16.0	29.8	83.2	488.4	23	96.1
DICIEMBRE	17.2	25.1	20.6	14.0	27.2	85.9	198.1	24	81.5
PROMEDIO	17.4	27.8	21.9			79.3			
ABSOLUTA				12.0	32.7				
TOTAL							2006.7	202	

ESTACION: BLONAY

DPTO: NORTE DE SANTANDER

LATITUD : 07° 34'N

AÑO: 1991

MPIO: CHINACOTA

LONGITUD: 72° 37'W

ALTITUD : 1235 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.9	20.0	17.7	94.3	1.2	4.1	5.3	0.0
2	16.0	20.1	18.2	94.0	0.0	1.1	1.1	.7
3	15.0	23.0	18.0	92.0	0.0	0.0	0.0	2.9
4	14.0	25.0	18.7	84.0	0.0	0.0	0.0	4.8
5	14.1	26.2	19.4	80.7	0.0	0.0	0.0	6.0
6	15.0	22.5	18.4	86.0	0.0	0.0	0.0	1.6
7	15.5	23.4	19.3	89.7	4.5	1.3	5.8	2.1
8	14.0	25.9	19.3	84.7	0.0	0.0	0.0	7.4
9	13.6	26.5	19.5	80.7	0.0	0.0	0.0	7.8
10	14.0	25.0	19.0	87.7	0.0	2.2	2.2	4.1
11	16.8	24.2	19.3	87.3	0.0	0.0	0.0	1.0
12	16.8	24.3	19.5	87.3	0.0	0.0	0.0	4.4
13	16.2	25.2	20.1	83.3	0.0	.1	.1	5.1
14	15.8	23.4	19.5	87.3	0.0	.2	.2	2.4
15	16.2	23.7	18.1	88.3	2.5	.8	3.3	1.7
16	16.0	21.0	18.3	89.7	0.0	0.0	0.0	0.0
17	14.8	23.9	18.9	86.7	0.0	0.0	0.0	2.7
18	14.1	25.0	19.1	84.7	0.0	0.0	0.0	5.4
19	15.4	24.4	18.9	83.7	0.0	0.0	0.0	4.9
20	14.1	25.0	18.6	87.7	0.0	0.0	0.0	5.1
21	14.2	26.0	19.5	81.3	0.0	0.0	0.0	4.1
22	13.7	24.9	18.8	86.3	0.0	0.0	0.0	5.4
23	13.0	24.0	18.3	87.3	0.0	0.0	0.0	5.2
24	12.4	26.1	18.5	79.7	0.0	0.0	0.0	8.4
25	12.0	26.9	18.8	78.7	0.0	0.0	0.0	8.1
26	10.8	25.4	18.3	79.7	0.0	0.0	0.0	4.9
27	14.2	26.0	19.2	82.0	0.0	0.0	0.0	2.0
28	13.4	28.0	19.4	80.3	0.0	0.0	0.0	6.7
29	13.0	27.2	18.4	79.0	0.0	0.0	0.0	7.3
30	12.0	28.0	18.6	72.7	0.0	0.0	0.0	8.5
31	12.8	26.8	20.4	77.7	0.0	0.0	0.0	7.2
TOTAL					8.2	9.8	18.0	137.9
PROMEDIO	14.4	24.7	18.9	84.7				

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.8	25.2	19.3	79.3	0.0	0.0	0.0	5.4
2	10.0	26.0	18.6	78.0	0.0	0.0	0.0	7.3
3	12.0	23.2	17.5	86.7	.9	3.3	4.2	3.2
4	15.0	23.0	18.9	89.7	.5	.3	.8	1.3
5	15.2	22.8	18.6	90.0	0.0	1.0	1.0	1.6
6	16.0	23.4	17.9	95.3	0.0	12.6	12.6	1.7
7	15.9	23.8	19.4	89.3	0.0	0.0	0.0	1.8
8	16.5	23.2	18.7	94.7	.4	0.0	.4	1.0
9	15.6	25.2	19.9	88.7	0.0	.1	.1	4.0
10	17.5	24.8	19.1	94.7	.6	.1	.7	1.4
11	16.0	26.4	20.8	83.7	1.8	0.0	1.8	3.8
12	16.2	24.2	20.5	89.3	0.0	.1	.1	1.0
13	14.0	27.3	20.8	83.3	0.0	0.0	0.0	6.0
14	15.0	27.5	20.5	78.0	0.0	0.0	0.0	5.9
15	14.9	26.5	20.6	80.0	0.0	0.0	0.0	3.4
16	15.6	24.2	20.0	90.3	0.0	0.0	0.0	.8
17	17.2	21.2	18.2	94.7	2.1	0.0	2.1	0.0
18	13.4	24.5	19.1	86.3	0.0	0.0	0.0	4.9
19	13.8	26.4	19.8	80.0	0.0	.5	.5	4.7
20	16.0	23.5	19.1	82.7	1.5	1.0	2.5	1.1
21	15.0	22.2	18.6	88.0	0.0	0.0	0.0	.8
22	14.4	27.9	20.7	77.7	0.0	0.0	0.0	6.4
23	17.0	24.2	20.0	87.3	0.0	1.0	1.0	.6
24	17.2	22.4	19.2	90.7	0.0	.5	.5	.2
25	17.0	24.2	19.1	87.0	0.0	0.0	0.0	1.4
26	16.9	29.0	21.4	81.3	0.0	0.0	0.0	2.6
27	15.5	26.2	20.1	84.0	0.0	0.0	0.0	1.0
28	16.8	25.2	18.6	82.7	0.0	2.0	2.0	1.1
29								
30								
31								
TOTAL					7.8	22.5	30.3	74.4
PROMEDIO	15.3	24.8	19.4	86.2				

ESTACION: BLONAY

DPTO: NORTE DE SANTANDER

LATITUD : 07° 34'N

AÑO: 1991

MPIO: CHINACOTA

LONGITUD: 72° 37'W
ALTITUD : 1235 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.0	30.0	20.8	81.0	0.0	0.0	0.0	
2	16.0	26.4	20.6	82.7	0.0	0.0	0.0	
3	17.2	27.2	20.9	81.3	0.0	0.0	0.0	3.8
4	16.5	27.4	21.1	79.0	0.0	0.0	0.0	3.5
5	17.5	23.5	19.7	89.7	0.0	87.0	87.0	.2
6	16.0	23.0	18.7	88.7	0.0	9.0	9.0	1.1
7	16.5	24.7	19.4	88.0	0.0	49.0	49.0	.8
8	16.8	26.0	20.7	83.7	0.0	1.1	1.1	2.4
9	17.0	24.2	19.5	85.3	3.1	0.0	3.1	.1
10	15.8	27.0	20.2	82.0	5.8	4.3	10.1	1.6
11	16.0	23.2	19.8	86.7	0.0	5.0	5.0	.7
12	17.5	22.5	19.7	92.7	.3	1.5	1.8	0.0
13	17.0	25.0	19.1	89.0	.3	0.0	.3	1.6
14	15.0	30.0	21.4	70.0	0.0	0.0	0.0	7.0
15	14.0	28.9	20.1	77.7	0.0	0.0	0.0	6.4
16	15.0	28.2	21.1	79.0	0.0	0.0	0.0	6.7
17	14.2	26.0	20.1	86.3	0.0	0.0	0.0	5.1
18	15.5	25.0	20.3	86.3	0.0	0.0	0.0	4.6
19	14.7	25.8	20.1	86.7	0.0	0.0	0.0	4.8
20	13.8	26.5	20.3	82.7	0.0	0.0	0.0	6.3
21	13.0	27.4	20.0	77.0	0.0	0.0	0.0	6.2
22	16.8	21.2	18.0	94.7	1.2	0.0	1.2	.1
23	15.4	25.2	20.2	85.0	0.0	0.0	0.0	5.7
24	15.0	23.8	18.9	86.7	0.0	0.0	0.0	2.4
25	13.0	24.2	19.1	84.3	.1	0.0	.1	2.6
26	16.9	22.3	19.2	88.0	.2	24.5	24.7	.5
27	16.8	21.4	18.0	97.0	17.1	.1	17.2	0.0
28	15.8	22.1	18.4	89.0	1.6	9.2	10.8	.8
29	15.6	24.3	19.2	90.7	.1	.3	.4	3.4
30	16.0	25.6	20.1	82.7	.4	0.0	.4	3.3
31	14.0	25.8	19.8	85.3	0.0	13.1	13.1	3.5
TOTAL					30.2	204.1	234.3	
PROMEDIO	15.6	25.3	19.8	85.1				

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	25.0	19.1	84.3	0.0	0.0	0.0	5.1
2	13.0	24.2	18.7	86.0	0.0	0.0	0.0	5.5
3	16.5	23.5	20.0	85.3	0.0	0.0	0.0	1.2
4	16.0	26.8	21.2	81.3	0.0	0.0	0.0	5.0
5	15.2	25.9	20.7	87.0	0.0	24.5	24.5	4.3
6	15.0	21.7	18.7	91.0	0.0	0.0	0.0	0.0
7	15.1	24.9	19.7	86.3	0.0	0.0	0.0	1.3
8	15.5	26.8	20.9	82.3	1.5	.3	1.8	3.0
9	17.0	24.2	20.0	89.0	1.2	1.3	2.5	.7
10	16.8	22.8	19.2	89.7	5.4	.1	5.5	.2
11	16.2	25.8	20.9	84.7	0.0	.2	.2	3.3
12	16.4	26.4	20.2	89.0	0.0	1.7	1.7	4.4
13	16.5	22.2	19.2	92.7	.8	5.7	6.5	.3
14	16.0	25.2	19.4	85.3	0.0	0.0	0.0	2.2
15	16.6	25.6	19.8	88.3	0.0	0.0	0.0	2.0
16	15.5	28.4	20.5	83.3	0.0	.1	.1	4.2
17	15.8	27.2	21.1	83.3	1.9	1.7	3.6	5.1
18	15.5	25.0	20.8	87.3	0.0	7.7	7.7	2.6
19	16.0	22.2	19.6	92.0	0.0	0.0	0.0	.1
20	16.8	26.1	21.0	83.3	0.0	0.0	0.0	1.2
21	17.4	26.2	20.7	81.3	0.0	0.0	0.0	1.8
22	16.0	26.9	20.8	85.7	4.0	.4	4.4	6.5
23	17.0	26.8	19.9	85.3	12.3	0.0	12.3	3.4
24	15.5	28.0	20.4	84.3	0.0	0.0	0.0	4.4
25	14.5	29.6	21.2	76.7	0.0	0.0	0.0	8.4
26	15.0	28.4	21.8	76.3	0.0	0.0	0.0	3.4
27	16.5	29.4	21.5	73.3	0.0	0.0	0.0	5.1
28	16.7	28.9	21.0	78.0	0.0	0.0	0.0	2.3
29	16.2	26.2	21.1	83.2	0.0	0.0	0.0	.6
30	16.6	28.0	22.0	81.0	0.0	0.0	0.0	4.4
31								
TOTAL					27.1	43.7	70.8	92.0
PROMEDIO	16.0	25.9	20.3	84.6				

ESTACION: BLONAY

DPTO: NORTE DE SANTANDER

LATITUD : 07° 34'N

AÑO: 1991

MPIO: CHINACOTA

LONGITUD: 72° 37'W

ALTITUD : 1235 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	29.8	21.4	76.0	0.0	0.0	0.0	3.7
2	17.0	29.0	21.6	74.7	0.0	0.0	0.0	5.4
3	16.0	31.0	22.1	74.7	.1	.3	.4	5.7
4	16.8	26.8	21.3	82.3	0.0	1.3	1.3	1.9
5	17.4	26.2	21.6	84.7	0.0	0.0	0.0	2.4
6	17.2	26.5	21.1	83.3	0.0	0.0	0.0	1.6
7	17.0	30.1	22.0	76.7	0.0	0.0	0.0	3.7
8	15.0	30.5	21.9	73.3	0.0	0.0	0.0	7.5
9	17.0	28.0	21.3	82.0	0.0	0.0	0.0	2.5
10	17.1	26.5	21.2	80.3	8.6	19.9	28.5	1.7
11	17.0	28.0	21.2	82.7	1.2	.3	1.5	3.8
12	17.3	24.7	21.1	85.7	0.0	0.0	0.0	.5
13	16.7	28.0	21.4	80.0	0.0	0.0	0.0	4.7
14	16.8	31.0	22.2	74.0	0.0	0.0	0.0	7.8
15	17.0	26.7	20.7	81.3	0.0	0.0	0.0	1.6
16	17.4	27.8	21.4	81.3	.7	0.0	.7	2.0
17	17.5	28.0	21.9	81.3	2.2	2.7	4.9	3.9
18	17.8	26.8	21.7	81.3	0.0	0.0	0.0	5.6
19	16.4	28.5	21.8	78.0	0.0	0.0	0.0	3.9
20	17.0	29.8	22.8	74.3	0.0	1.0	1.0	4.4
21	16.5	27.2	20.1	77.3	4.5	6.7	11.2	4.7
22	15.8	27.0	20.8	83.3	0.0	0.0	0.0	3.4
23	15.5	27.9	21.9	75.7	0.0	0.0	0.0	6.6
24	15.4	28.0	21.0	73.7	0.0	0.0	0.0	5.5
25	15.0	29.0	21.0	73.7	0.0	0.0	0.0	8.1
26	16.4	30.5	21.8	71.3	0.0	0.0	0.0	5.8
27	16.0	29.4	21.0	70.7	0.0	0.0	0.0	4.3
28	15.5	29.0	21.2	75.0	0.0	0.0	0.0	3.2
29	16.4	28.0	22.3	75.3	0.0	0.0	0.0	3.1
30	17.0	28.8	21.6	76.0	2.6	.2	2.8	5.8
31	17.5	28.4	20.7	81.0	3.1	0.0	3.1	3.9
TOTAL PROMEDIO	16.6	28.3	21.4	78.1	23.0	32.4	55.4	128.7

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.5	28.0	21.4	76.7	0.0	0.0	0.0	3.9
2	15.8	29.4	21.8	76.3	0.0	0.0	0.0	6.1
3	15.9	29.2	21.6	76.7	0.0	0.0	0.0	2.9
4	15.5	30.0	21.5	71.0	0.0	0.0	0.0	6.9
5	16.5	30.5	22.5	66.0	0.0	0.0	0.0	6.1
6	16.7	26.0	20.4	79.0	7.6	0.0	7.6	1.1
7	16.5	28.5	20.7	77.7	0.0	0.0	0.0	5.7
8	16.8	31.0	21.7	73.0	0.0	0.0	0.0	7.0
9	16.4	31.2	22.7	73.0	0.0	0.0	0.0	8.1
10	17.0	28.7	22.5	71.0	0.0	0.0	0.0	3.4
11	16.0	28.4	21.9	78.0	0.0	0.0	0.0	6.5
12	16.2	30.8	22.7	71.0	0.0	0.0	0.0	6.8
13	15.8	26.5	20.6	75.3	0.0	.1	.1	4.0
14	16.7	25.6	20.4	81.3	9.3	0.0	9.3	2.3
15	15.5	27.2	20.3	76.0	0.0	0.0	0.0	5.8
16	16.0	23.2	19.6	87.0	1.8	.3	2.1	
17	17.4	20.0	18.0	93.3	12.2	.6	12.8	0.0
18	15.0	27.5	20.8	78.3	0.0	0.0	0.0	5.3
19	15.6	28.0	21.0	73.0	0.0	0.0	0.0	0.0
20	15.2	29.7	21.8	70.7	0.0	0.0	0.0	5.2
21	15.0	29.8	21.6	67.7	0.0	0.0	0.0	6.6
22	15.2	29.4	21.9	73.0	.1	.5	.6	5.2
23	17.8	29.0	22.6	73.3	0.0	10.5	10.5	4.2
24	16.7	24.5	19.7	85.0	1.6	0.0	1.6	1.6
25	16.0	24.6	20.2	82.7	2.1	0.0	2.1	1.5
26	16.2	26.5	20.4	76.7	0.0	0.0	0.0	3.5
27	15.2	26.8	20.3	77.0	.3	0.0	.3	2.7
28	16.2	26.5	21.5	79.7	.5	.1	.6	3.9
29	16.5	23.2	19.0	83.0	.8	.1	.9	.1
30	15.0	26.2	19.8	78.3	0.0	1.2	1.2	5.1
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.1	27.5	21.0	76.7	36.3	13.4	49.7	

ESTACION: BLONAY

DPTO: NORTE DE SANTANDER

LATITUD : 07° 34'N

LONGITUD: 72° 37'W

AÑO: 1991

MPIO: CHINACOTA

ALTITUD : 1235 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	27.0	20.5	78.7	.9	0.0	.9	4.5
2	15.8	26.5	20.6	81.3	0.0	0.0	0.0	3.0
3	15.5	24.8	18.9	92.7	6.1	.1	6.2	2.1
4	16.0	25.5	20.0	76.3	0.0	.8	.8	3.3
5	15.5	27.7	21.0	75.7	0.0	0.0	0.0	3.9
6	15.0	27.2	21.5	74.7	.2	0.0	.2	4.4
7	15.7	21.4	18.5	91.7	1.9	0.0	1.9	0.0
8	14.9	27.8	20.5	80.0	4.0	.4	4.4	4.5
9	17.0	24.8	20.3	83.3	.7	0.0	.7	1.9
10	15.5	25.0	19.2	89.3	5.7	0.0	5.7	2.8
11	16.5	24.8	19.8	81.3	2.2	.5	2.7	3.1
12	16.8	27.0	21.5	78.7	0.0	0.0	0.0	4.4
13	15.0	24.0	18.3	91.7	2.5	0.0	2.5	2.0
14	16.0	25.4	20.2	77.3	0.0	0.0	0.0	2.6
15	15.5	27.0	21.1	80.3	5.0	0.0	5.0	6.0
16	16.8	26.7	21.4	78.7	.1	.5	.6	4.2
17	15.0	27.0	20.4	74.0	0.0	.7	.7	4.9
18	16.0	25.8	20.6	75.7	.7	.4	1.1	1.3
19	15.4	27.8	20.6	76.0	0.0	0.0	0.0	6.6
20	16.6	29.6	21.9	64.3	0.0	3.8	3.8	5.0
21	15.8	24.8	19.8	82.0	5.4	0.0	5.4	.2
22	16.0	27.5	20.6	77.3	0.0	0.0	0.0	3.5
23	16.9	27.8	21.9	74.7	0.0	0.0	0.0	1.9
24	15.5	27.7	21.0	72.0	0.0	0.0	0.0	2.6
25	16.0	26.8	20.1	72.7	0.0	0.0	0.0	2.5
26	15.5	29.0	22.4	54.7	0.0	0.0	0.0	7.3
27	14.4	29.4	21.2	67.0	0.0	0.0	0.0	7.3
28	15.0	29.2	22.0	69.7	0.0	0.0	0.0	6.7
29	15.8	28.8	20.8	74.0	0.0	0.0	0.0	3.0
30	17.0	26.4	20.2	84.0	6.0	.8	6.8	1.8
31	16.8	28.0	20.9	77.7	0.0	0.0	0.0	3.3
TOTAL PROMEDIO	15.8	26.7	20.5	77.7	41.4	8.0	49.4	110.6

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	23.0	18.2	91.3	4.1	0.0	4.1	0.0
2	15.5	25.2	20.3	82.7	.1	1.5	1.6	.7
3	15.0	24.0	20.0	82.3	0.0	1.7	1.7	2.4
4	16.4	25.0	19.5	87.7	.9	0.0	.9	2.1
5	16.8	25.2	20.1	76.3	0.0	0.0	0.0	2.2
6	14.8	27.0	21.5	64.0	0.0	.5	.5	3.0
7	15.9	23.5	19.2	86.0	4.7	0.0	4.7	1.5
8	14.9	27.0	21.1	76.0	.1	0.0	.1	4.9
9	15.0	26.0	20.1	79.7	.3	.5	.8	3.7
10	16.0	27.2	21.4	76.3	0.0	.3	.3	4.1
11	17.0	28.0	21.1	77.7	0.0	0.0	0.0	6.1
12	16.4	27.0	22.1	68.7	0.0	5.4	5.4	3.8
13	16.8	26.5	21.2	77.0	0.0	6.3	6.3	7.6
14	15.5	29.4	21.8	72.0	0.0	.1	.1	9.1
15	16.5	23.4	20.2	79.3	0.0	0.0	0.0	6.6
16	16.4	29.0	22.1	72.0	0.0	0.0	0.0	9.1
17	17.0	26.4	20.9	77.0	.7	0.0	.7	2.2
18	16.0	28.0	19.7	86.3	2.5	0.0	2.5	2.9
19	16.2	27.5	21.4	74.7	0.0	.2	.2	7.8
20	16.9	26.0	20.2	79.0	2.7	0.0	2.7	3.5
21	15.8	27.0	20.0	77.7	0.0	0.0	0.0	4.9
22	15.0	29.9	21.7	66.3	0.0	0.0	0.0	5.4
23	16.0	29.0	22.1	67.3	0.0	0.0	0.0	8.0
24	15.4	29.1	21.6	73.7	2.1	0.0	2.1	3.6
25	14.5	26.2	20.3	76.7	.3	0.0	.3	3.6
26	14.6	28.2	21.7	75.0	0.0	0.0	0.0	7.6
27	16.7	28.4	21.4	76.0	.2	0.0	.2	3.7
28	17.0	30.0	22.4	63.0	.1	0.0	.1	6.2
29	15.8	26.9	20.0	76.0	0.0	0.0	0.0	5.5
30	15.6	29.0	21.7	67.7	0.0	0.0	0.0	1.3
31	15.8	28.3	20.7	77.0	0.0	0.0	0.0	4.7
TOTAL PROMEDIO	15.9	27.0	20.8	76.2	18.8	16.5	35.3	137.8

ESTACION: BLONAY

DPTO: NORTE DE SANTANDER

LATITUD : 07° 34'N

AÑO: 1991

MPIO: CHINACOTA

LONGITUD: 72° 37'W
ALTITUD : 1235 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	28.4	21.8	71.3	0.0	0.0	0.0	4.4
2	16.0	30.2	22.7	64.7	0.0	0.0	0.0	6.0
3	15.4	31.0	22.6	66.7	0.0	0.0	0.0	7.0
4	16.7	29.5	22.6	69.0	0.0	.3	.3	5.3
5	16.4	26.8	21.7	72.7	0.0	1.5	1.5	3.8
6	16.0	27.6	21.6	74.7	0.0	1.1	1.1	3.5
7	15.8	30.2	21.6	71.7	.6	0.0	.6	5.4
8	15.6	30.3	22.3	71.0	0.0	0.0	0.0	7.6
9	16.4	29.0	21.8	73.3	2.7	.2	2.9	2.9
10	16.5	29.8	23.5	57.0	0.0	0.0	0.0	5.3
11	14.9	29.9	22.9	59.7	0.0	0.0	0.0	8.5
12	15.0	30.9	22.2	66.0	3.1	18.5	21.6	8.1
13	15.6	30.0	22.4	70.0	0.0	0.0	0.0	5.5
14	16.0	28.2	22.5	70.0	0.0	0.0	0.0	3.4
15	17.0	27.0	20.1	86.0	9.1	.2	9.3	2.7
16	15.0	27.8	21.7	76.7	0.0	0.0	0.0	5.2
17	17.0	26.2	20.9	78.0	2.4	0.0	2.4	1.9
18	16.4	27.6	21.4	78.0	.6	6.5	7.1	4.4
19	16.5	29.5	22.1	73.3	0.0	0.0	0.0	5.3
20	16.0	28.7	22.6	72.3	0.0	.5	.5	3.9
21	17.6	25.0	19.2	93.3	10.6	0.0	10.6	2.6
22	16.8	24.9	19.9	91.3	2.8	0.0	2.8	1.2
23	15.8	26.8	20.8	80.3	32.7	24.3	57.0	3.3
24	16.8	25.8	20.2	83.0	1.3	.2	1.5	2.2
25	17.1	27.0	21.7	80.0	0.0	4.8	4.8	2.5
26	17.0	25.2	20.1	85.3	8.1	0.0	8.1	1.3
27	15.0	27.4	20.1	81.3	0.0	0.0	0.0	4.5
28	15.8	27.8	20.3	80.7	.6	0.0	.6	3.5
29	16.8	28.6	22.4	76.7	.2	.1	.3	5.1
30	16.4	27.4	22.0	75.0	1.0	0.0	1.0	4.7
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.2	28.1	21.6	75.0	75.8	58.2	134.0	131.0

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.9	26.3	21.0	78.3	.7	.2	.9	2.6
2	17.0	27.6	22.4	76.0	0.0	0.0	0.0	5.8
3	16.5	26.0	20.5	80.7	0.0	0.0	0.0	4.9
4	14.9	28.8	21.4	73.0	0.0	0.0	0.0	6.7
5	15.9	26.2	20.6	81.7	.4	0.0	.4	4.8
6	16.8	24.6	20.4	83.3	0.0	0.0	0.0	3.6
7	16.0	26.5	19.8	89.0	3.3	3.3	6.6	3.2
8	17.2	26.3	20.4	78.7	0.0	0.0	0.0	2.2
9	16.9	22.9	19.2	81.3	0.0	0.0	0.0	0.0
10	16.2	25.8	20.0	79.3	0.0	0.0	0.0	3.1
11	15.8	27.4	21.1	79.7	.1	0.0	.1	5.2
12	15.9	25.4	19.6	80.3	12.4	0.0	12.4	4.6
13	15.8	27.2	21.3	77.0	0.0	8.9	8.9	6.0
14	15.3	27.6	20.2	78.3	1.8	0.0	1.8	3.7
15	16.5	27.1	20.6	79.3	2.0	6.8	8.8	3.0
16	15.9	27.0	20.2	80.0	0.0	0.0	0.0	5.0
17	15.8	26.5	20.5	77.0	0.0	4.1	4.1	3.1
18	16.0	27.8	19.5	73.7	0.0	0.0	0.0	5.8
19	13.4	24.7	18.1	84.0	0.0	0.0	0.0	2.1
20	14.5	29.3	19.9	71.7	0.0	0.0	0.0	5.2
21	13.6	28.6	20.9	68.3	0.0	0.0	0.0	7.1
22	14.8	27.8	19.6	79.7	1.2	.4	1.6	5.4
23	15.8	29.4	20.0	70.3	0.0	0.0	0.0	7.0
24	14.2	29.0	20.8	67.0	0.0	0.0	0.0	6.4
25	14.9	26.4	20.2	79.3	0.0	0.0	0.0	2.0
26	15.5	28.0	20.7	73.3	1.2	0.0	1.2	5.5
27	15.0	26.6	20.0	79.0	0.0	0.0	0.0	4.8
28	15.4	26.8	20.6	76.3	0.0	0.0	0.0	3.0
29	14.9	27.8	22.1	70.7	0.0	0.0	0.0	3.8
30	16.8	26.2	20.9	80.3	0.0	.8	.8	3.1
31	15.5	27.2	20.8	78.0	0.0	0.0	0.0	4.4
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.6	26.9	20.4	77.6	23.1	24.5	47.6	133.1

ESTACION: BLONAY

DPTO: NORTE DE SANTANDER

LATITUD : 07° 34'N

AÑO: 1991

MPIO: CHINACOTA

LONGITUD: 72° 37'W
ALTITUD : 1235 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	28.8	21.6	71.3	0.0	0.0	0.0	3.9
2	14.9	27.4	20.6	75.3	0.0	0.0	0.0	5.1
3	15.7	25.0	19.3	89.3	.4	.1	.5	1.5
4	16.2	24.8	20.1	84.7	0.0	5.7	5.7	1.2
5	17.0	24.2	19.7	84.3	12.3	7.7	20.0	1.9
6	16.8	26.2	20.6	81.3	12.0	21.5	33.5	4.2
7	16.5	24.4	19.6	86.3	.1	.2	.3	3.2
8	17.2	25.5	20.6	81.3	0.0	7.9	7.9	1.8
9	17.6	25.8	20.6	82.0	3.2	.6	3.8	2.4
10	16.8	25.2	20.2	82.0	0.0	0.0	0.0	1.8
11	15.4	26.0	19.7	84.0	4.2	2.1	6.3	4.5
12	15.5	26.4	20.3	82.7	0.0	.1	.1	5.2
13	17.4	20.2	18.1	93.3	3.8	4.0	7.8	0.0
14	15.8	22.0	18.4	89.0	1.3	3.0	4.3	.4
15	15.9	23.0	19.2	84.3	0.0	0.0	0.0	2.0
16	15.2	23.6	19.6	84.0	0.0	0.0	0.0	3.4
17	15.4	25.0	20.3	83.0	0.0	.3	.3	5.0
18	16.8	25.4	20.5	81.3	.1	0.0	.1	3.1
19	15.9	26.8	20.1	82.0	.2	0.0	.2	4.5
20	14.8	25.0	19.6	87.0	8.6	.3	8.9	3.8
21	16.9	25.4	20.3	85.7	17.9	13.1	31.0	3.0
22	16.2	23.8	20.1	87.7	0.0	.1	.1	.7
23	17.5	25.8	19.5	85.7	6.9	.3	7.2	2.8
24	15.9	24.0	19.5	85.7	1.3	5.5	6.8	1.3
25	17.8	24.2	20.5	84.0	1.5	6.8	8.3	1.6
26	17.5	25.8	20.5	86.7	0.0	0.0	0.0	3.4
27	15.8	26.2	20.8	79.3	0.0	2.2	2.2	3.8
28	17.1	25.2	20.3	84.0	0.0	0.0	0.0	2.9
29	16.4	26.8	20.3	79.3	0.0	0.0	0.0	6.7
30	14.9	27.2	20.5	78.7	0.0	0.0	0.0	7.7
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.3	25.2	20.0	83.5	73.8	81.5	155.3	92.8

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.6	24.2	19.8	89.3	.8	0.0	.8	1.9
2	16.8	25.2	20.4	82.7	.4	0.0	.4	1.6
3	16.9	24.4	19.9	84.0	0.0	0.0	0.0	1.6
4	15.8	25.5	20.6	80.0	0.0	.6	.6	4.3
5	16.5	23.2	19.5	84.0	4.0	1.1	5.1	1.7
6	16.2	25.0	20.2	82.7	.1	.1	.2	3.4
7	15.5	25.8	20.8	81.3	.1	0.0	.1	4.9
8	15.8	23.8	19.8	85.7	0.0	0.0	0.0	2.8
9	17.5	23.5	20.1	87.0	0.0	0.0	0.0	.3
10	16.5	24.2	20.2	92.3	0.0	.2	.2	5.8
11	15.0	24.0	19.5	83.0	0.0	0.0	0.0	0.0
12	15.2	23.2	19.2	86.0	2.1	.2	2.3	3.0
13	17.4	24.0	20.1	87.3	0.0	34.2	34.2	3.5
14	16.1	20.8	18.6	91.3	0.0	0.0	0.0	.4
15	16.8	22.0	18.1	91.0	0.0	.8	.8	1.6
16	15.8	23.2	19.1	87.0	4.7	4.9	9.6	3.4
17	16.0	21.4	18.7	88.3	.5	0.0	.5	.5
18	16.9	20.6	18.4	86.7	3.7	0.0	3.7	0.0
19	16.8	21.3	18.8	88.0	0.0	0.0	0.0	.1
20	12.9	21.8	17.4	87.3	.2	.1	.3	3.7
21	13.0	23.0	18.0	85.3	0.0	.3	.3	.8
22	12.9	23.7	18.1	79.0	.1	.9	1.0	5.9
23	14.6	23.4	18.7	83.3	0.0	0.0	0.0	4.4
24	15.0	23.5	19.3	83.0	0.0	0.0	0.0	.6
25	17.0	24.4	20.3	77.7	0.0	0.0	0.0	1.9
26	15.0	22.8	18.4	86.7	.2	0.0	.2	1.8
27	15.7	19.8	17.2	93.7	1.4	0.0	1.4	4.1
28	14.2	25.2	19.2	84.3	2.4	0.0	2.4	.6
29	14.9	24.2	19.4	87.0	0.0	0.0	0.0	5.3
30	13.8	26.4	19.5	76.0	0.0	0.0	0.0	8.2
31	12.8	24.0	17.9	81.0	0.0	0.0	0.0	.8
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	15.5	23.5	19.2	85.2	20.7	43.4	64.1	78.9

Estación: BLONAY

Dpto.: NORTE DE SANTANDER

Latitud : 07° 34'N

Año: 1991

Mpio.: CHINACOTA

Longitud: 72° 37'W

Altitud : 1235 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	14.4	24.7	18.9	10.8	28.0	84.7	18.0	7	137.9
FEBRERO	15.3	24.8	19.4	10.0	29.0	86.2	30.3	15	74.4
MARZO	15.6	25.3	19.8	13.0	30.0	85.1	234.3	17	
ABRIL	16.0	25.9	20.3	13.0	29.6	84.6	70.8	12	92.0
MAYO	16.6	28.3	21.4	15.0	31.0	78.1	55.4	10	128.7
JUNIO	16.1	27.5	21.0	15.0	31.2	76.7	49.7	13	
JULIO	15.8	26.7	20.5	14.4	29.6	77.7	49.4	17	110.6
AGOSTO	15.9	27.0	20.8	14.5	30.0	76.2	35.3	20	137.8
SEPTIEMBRE	16.2	28.1	21.6	14.9	31.0	75.0	134.0	19	131.0
OCTUBRE	15.6	26.9	20.4	13.4	29.4	77.6	47.6	12	133.1
NOVIEMBRE	16.3	25.2	20.0	14.8	28.8	83.5	155.3	21	92.8
DICIEMBRE	15.5	23.5	19.2	12.8	26.4	85.2	64.1	19	78.9
PROMEDIO	15.8	26.2	20.3			80.8			
ABSOLUTA				10.0	31.2				
TOTAL							944.2	182	

ESTACION: MARACAY

DPTO: QUINDIO

LATITUD : 04° 36'N

AÑO: 1991

MPIO: QUIMBAYA

LONGITUD: 75° 46'W
ALTITUD : 1450 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	27.0	21.0	78.0	0.0	12.8	12.8	6.0
2	16.7	27.8	20.8	82.3	.1	3.5	3.6	7.7
3	17.5	28.0	21.7	82.0	0.0	.8	.8	4.0
4	18.0	28.2	22.5	81.7	.7	7.8	8.5	5.8
5	17.5	28.5	21.8	83.0	0.0	0.0	0.0	6.2
6	16.5	28.9	20.7	80.7	7.7	2.0	9.7	5.0
7	18.0	28.0	21.3	81.7	0.0	0.0	0.0	5.0
8	16.0	27.9	22.3	78.0	0.0	0.0	0.0	4.5
9	16.4	28.3	22.2	76.7	0.0	0.0	0.0	5.5
10	16.5	28.6	22.1	74.7	0.0	0.0	0.0	3.6
11	17.4	25.5	20.3	83.7	1.9	5.9	7.8	.9
12	17.5	27.0	22.1	80.0	0.0	16.6	16.6	4.8
13	17.4	27.5	21.0	83.0	2.4	7.4	9.8	3.5
14	17.5	25.7	19.9	89.3	1.2	.3	1.5	1.5
15	16.0	26.4	20.7	81.3	0.0	0.0	0.0	6.9
16	14.5	28.6	20.8	72.3	0.0	0.0	0.0	8.6
17	14.0	26.5	20.9	80.7	0.0	0.0	0.0	2.0
18	17.4	27.4	20.1	82.7	4.4	.4	4.8	2.8
19	17.3	26.4	20.9	82.0	0.0	0.0	0.0	3.3
20	17.6	27.6	21.2	81.3	0.0	.1	.1	5.2
21	16.0	28.4	21.9	73.3	0.0	0.0	0.0	8.0
22	15.5	29.0	21.1	73.3	0.0	0.0	0.0	7.3
23	15.0	29.4	21.4	70.0	0.0	0.0	0.0	8.1
24	15.4	27.6	22.1	77.7	0.0	0.0	0.0	7.1
25	15.5	29.0	22.1	77.3	.1	0.0	.1	6.9
26	15.6	28.4	22.1	77.3	0.0	0.0	0.0	6.8
27	15.7	26.7	21.3	79.3	0.0	0.0	0.0	3.4
28	15.0	30.8	22.4	73.3	0.0	0.0	0.0	9.4
29	16.0	30.4	22.6	76.0	0.0	0.0	0.0	7.8
30	16.5	28.2	20.3	80.3	7.0	0.0	7.0	3.6
31	17.0	28.6	22.4	74.7	0.0	0.0	0.0	6.7
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.4	27.9	21.4	79.0	25.5	57.6	83.1	167.9

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	29.5	21.2	76.3	5.3	0.0	5.3	5.7
2	16.0	29.6	21.8	72.0	0.0	77.7	77.7	4.5
3	15.0	24.4	18.7	87.3	5.6	0.0	5.6	2.3
4	15.5	26.7	20.5	78.0	0.0	0.0	0.0	3.4
5	14.5	28.0	20.6	76.3	0.0	.4	.4	6.9
6	15.5	28.5	22.3	76.7	0.0	0.0	0.0	7.8
7	16.0	27.6	21.7	78.3	0.0	0.0	0.0	4.4
8	15.9	28.4	21.9	78.3	0.0	.1	.1	5.4
9	15.5	28.5	21.5	78.7	0.0	0.0	0.0	6.7
10	16.7	30.6	22.9	77.3	0.0	0.0	0.0	9.3
11	16.4	27.0	21.1	81.7	7.4	0.0	7.4	3.5
12	17.0	28.6	21.3	81.3	.2	0.0	.2	4.8
13	17.1	28.4	20.9	84.0	5.1	0.0	5.1	4.9
14	16.5	29.4	22.6	75.0	0.0	2.3	2.3	6.7
15	17.0	27.5	22.0	79.7	0.0	0.0	0.0	4.0
16	17.5	24.6	21.3	86.7	0.0	0.0	0.0	.4
17	16.0	29.2	23.0	74.7	0.0	.9	.9	6.5
18	18.0	26.5	21.9	80.7	.3	0.0	.3	2.8
19	17.5	27.4	21.7	77.7	0.0	0.0	0.0	3.8
20	17.8	27.6	21.6	79.7	1.7	1.7	3.4	5.3
21	17.0	28.2	22.0	78.3	0.0	0.0	0.0	7.0
22	16.5	29.5	22.7	75.0	0.0	0.0	0.0	7.0
23	17.4	30.7	23.2	75.7	0.0	0.0	0.0	6.7
24	18.0	29.5	24.5	58.7	0.0	0.0	0.0	5.7
25	16.0	31.0	22.9	72.0	0.0	1.2	1.2	9.6
26	17.8	26.5	21.6	82.0	0.0	0.0	0.0	2.4
27	17.5	28.0	21.5	80.7	2.3	0.0	2.3	4.5
28	16.5	27.0	21.5	79.0	.3	0.0	.3	2.3
29								
30								
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.6	28.2	21.8	77.9	28.2	84.3	112.5	144.3

ESTACION: MARACAY

DPTO: QUINDIO

LATITUD : 04° 36'N

AÑO: 1991

MPIO: QUIMBAYA

LONGITUD: 75° 46'W

ALTITUD : 1450 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	26.2	19.8	81.3	17.2	38.1	55.3	2.5
2	17.2	26.6	20.8	85.3	0.0	21.9	21.9	3.9
3	16.0	28.4	21.8	76.7	0.0	0.0	0.0	6.5
4	17.0	28.6	20.8	77.3	18.1	13.3	31.4	7.5
5	16.0	28.2	21.4	79.7	0.0	0.0	0.0	5.3
6	16.4	28.6	21.6	77.3	5.7	33.8	39.5	4.9
7	16.2	27.0	20.1	83.0	11.2	.3	11.5	4.1
8	16.0	28.4	22.1	77.7	0.0	0.0	0.0	6.8
9	18.0	28.5	20.6	80.0	7.0	5.1	12.1	3.4
10	17.5	25.6	20.7	82.7	1.0	0.0	1.0	1.4
11	17.0	27.0	21.1	82.0	1.5	0.0	1.5	4.6
12	17.5	23.6	20.3	88.0	0.0	0.0	0.0	.3
13	16.2	26.7	20.5	84.0	.9	1.6	2.5	3.8
14	16.6	27.0	19.7	79.7	53.7	0.0	53.7	3.3
15	14.5	27.3	20.7	79.0	0.0	.8	.8	5.9
16	17.0	27.6	21.1	82.0	1.3	.7	2.0	3.2
17	18.4	27.0	21.8	82.0	2.2	0.0	2.2	3.6
18	17.0	28.4	22.6	76.0	0.0	0.0	0.0	6.5
19	16.6	29.8	22.5	76.7	0.0	0.0	0.0	7.4
20	17.0	29.0	22.1	69.7	0.0	0.0	0.0	8.6
21	15.2	28.8	22.5	78.0	0.0	0.0	0.0	8.7
22	17.0	28.0	21.7	80.7	0.0	0.0	0.0	5.7
23	16.2	27.6	21.2	81.3	7.2	16.9	24.1	3.6
24	17.0	25.2	20.6	84.0	.2	11.7	11.9	4.6
25	17.2	27.0	21.1	82.0	.1	24.9	25.0	6.1
26	17.5	23.0	19.0	91.7	.3	11.5	11.8	.6
27	16.0	24.0	18.7	89.0	0.0	.4	.4	.4
28	17.5	22.5	18.5	90.3	3.6	0.0	3.6	0.0
29	14.2	27.0	20.3	79.3	0.0	0.0	0.0	6.5
30	16.0	27.6	22.1	71.0	0.0	.2	.2	8.4
31	16.8	24.4	19.3	84.0	3.5	0.0	3.5	1.9
TOTAL PROMEDIO	16.7	26.9	20.9	81.0	134.7	181.2	315.9	140.0

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	26.9	20.3	79.0	0.0	0.0	0.0	7.5
2	17.5	27.2	20.6	78.3	0.0	0.0	0.0	5.3
3	15.2	27.0	21.7	77.3	0.0	0.0	0.0	5.7
4	15.9	28.2	22.3	73.0	0.0	0.0	0.0	6.1
5	16.0	27.2	21.7	77.0	1.3	.4	1.7	5.2
6	17.4	27.0	21.4	76.7	0.0	0.0	0.0	3.6
7	17.2	27.5	21.5	77.3	0.0	0.0	0.0	6.4
8	17.0	26.0	19.8	84.7	10.0	14.6	24.6	1.1
9	16.8	26.3	20.3	82.0	1.1	6.4	7.5	3.8
10	17.0	27.1	21.0	78.7	0.0	0.0	0.0	5.5
11	17.8	28.4	20.9	80.7	23.2	.4	23.6	3.8
12	17.0	24.0	19.6	85.0	2.9	0.0	2.9	.1
13	16.9	26.6	20.2	78.7	.1	1.8	1.9	3.5
14	17.0	28.0	20.2	76.7	12.9	11.7	24.6	6.8
15	15.0	27.2	21.0	78.3	0.0	0.0	0.0	7.7
16	16.0	28.0	21.9	74.7	0.0	0.0	0.0	8.6
17	17.0	27.5	21.8	76.7	0.0	0.0	0.0	4.1
18	15.0	28.7	22.0	75.7	0.0	0.0	0.0	6.8
19	16.0	28.0	20.9	80.0	5.1	0.0	5.1	6.3
20	16.2	28.4	21.4	80.7	2.8	3.9	6.7	7.1
21	16.0	27.0	21.4	82.7	0.0	0.0	0.0	3.2
22	15.9	28.2	21.9	80.7	0.0	0.0	0.0	4.0
23	18.0	25.8	21.4	83.3	0.0	.1	.1	1.9
24	17.0	28.2	21.9	81.7	2.6	0.0	2.6	5.4
25	17.2	27.2	21.7	79.3	18.1	0.0	18.1	4.1
26	16.0	25.8	20.4	82.0	11.4	0.0	11.4	4.4
27	15.9	28.0	20.3	83.7	17.6	0.0	17.6	4.5
28	16.8	26.0	19.9	87.0	6.1	.2	6.3	.2
29	16.0	27.1	20.0	82.3	.1	0.0	.1	4.1
30	17.2	27.5	20.6	82.0	41.5	.5	42.0	3.7
31								
TOTAL PROMEDIO	16.5	27.2	21.0	79.9	156.8	40.0	196.8	140.5

ESTACION: MARACAY

DPTO: QUINDIO

LATITUD : 04° 36'N

AÑO: 1991

MPIO: QUIMBAYA

LONGITUD: 75° 46'W

ALTITUD : 1450 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.2	26.5	20.3	81.3	0.0	0.0	0.0	5.3
2	17.0	27.2	22.0	79.0	0.0	0.0	0.0	4.1
3	18.5	23.0	19.5	80.3	5.0	2.0	7.0	0.0
4	17.0	24.2	20.9	86.0	0.0	2.2	2.2	1.1
5	18.0	24.0	19.7	87.3	7.1	0.0	7.1	1.0
6	16.8	27.2	21.2	77.7	8.2	0.0	8.2	5.6
7	17.0	25.5	21.3	84.0	24.9	0.0	24.9	2.1
8	16.8	28.8	22.2	77.0	.5	0.0	.5	6.6
9	18.0	25.5	21.1	81.7	2.1	0.0	2.1	.4
10	17.0	27.5	21.4	80.7	0.0	4.0	4.0	3.9
11	16.2	25.5	22.0	80.0	.1	.4	.5	2.8
12	18.0	26.0	20.7	85.0	2.9	1.5	4.4	1.6
13	17.5	27.5	22.1	80.7	.1	0.0	.1	5.8
14	18.5	26.4	20.9	89.7	.9	0.0	.9	0.0
15	18.0	27.2	21.1	80.3	29.7	.3	30.0	4.7
16	17.9	23.8	20.6	88.0	27.2	13.7	40.9	.5
17	17.6	22.0	18.4	91.3	3.0	4.6	7.6	.2
18	16.2	22.2	18.8	88.7	6.6	1.9	8.5	.1
19	16.7	24.8	19.7	86.0	2.3	19.3	21.6	.9
20	16.2	25.1	19.4	83.3	.8	10.1	10.9	1.6
21	16.8	23.2	19.4	85.3	0.0	14.5	14.5	.1
22	16.5	22.3	18.6	91.0	.3	0.0	.3	1.1
23	16.0	24.0	19.3	86.3	3.5	4.0	7.5	1.7
24	16.2	25.2	19.7	85.0	.5	0.0	.5	2.4
25	15.0	27.2	21.9	75.0	0.0	0.0	0.0	6.5
26	17.0	27.1	22.5	65.7	0.0	0.0	0.0	4.0
27	16.5	28.5	22.3	80.7	0.0	0.0	0.0	8.1
28	17.0	27.2	22.4	79.7	0.0	0.0	0.0	5.0
29	17.2	26.8	22.0	77.0	0.0	0.0	0.0	4.0
30	18.0	23.0	19.8	90.0	2.8	0.0	2.8	.9
31	16.4	26.0	20.4	85.0	.1	0.0	.1	2.9
TOTAL PROMEDIO	17.0	25.5	20.7	82.9	128.6	78.5	207.1	85.0

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	26.2	21.4	80.0	0.0	2.0	2.0	1.8
2	16.0	25.0	20.7	82.7	0.0	14.0	14.0	2.3
3	17.0	26.8	21.5	82.0	0.0	0.0	0.0	5.4
4	16.5	28.0	21.5	80.0	5.1	0.0	5.1	3.4
5	18.0	25.2	20.5	86.0	14.8	0.0	14.8	.9
6	16.2	26.4	21.5	82.0	.4	0.0	.4	2.9
7	16.5	28.2	23.2	75.0	0.0	0.0	0.0	7.9
8	16.8	28.0	22.7	80.3	1.0	0.0	1.0	3.5
9	18.0	28.5	21.9	80.3	17.3	0.0	17.3	7.8
10	17.0	28.4	23.1	79.7	0.0	0.0	0.0	5.3
11	16.8	29.6	22.9	77.0	0.0	0.0	0.0	9.3
12	16.9	29.0	24.1	63.3	0.0	0.0	0.0	7.0
13	17.2	27.5	22.5	80.0	.2	0.0	.2	5.7
14	18.2	26.2	21.5	84.3	0.0	0.0	0.0	2.3
15	16.8	27.2	20.8	88.3	4.1	.9	5.0	3.0
16	17.0	23.8	20.3	85.7	.1	.2	.3	0.0
17	17.8	25.2	20.1	86.0	1.9	0.0	1.9	3.3
18	16.6	28.6	21.3	74.3	4.9	.5	5.4	7.9
19	16.2	26.0	21.1	82.0	0.0	0.0	0.0	2.0
20	16.0	26.5	21.6	80.7	0.0	.8	.8	3.2
21	18.0	25.0	20.3	83.3	.2	0.0	.2	.7
22	16.3	25.5	20.0	84.7	28.8	0.0	28.8	2.7
23	18.0	25.4	20.9	86.0	0.0	.1	.1	4.0
24	17.8	25.5	20.1	81.3	1.0	0.0	1.0	3.5
25	15.2	26.2	20.4	77.7	0.0	0.0	0.0	3.6
26	17.2	26.4	19.7	84.0	7.9	7.3	15.2	3.8
27	16.2	24.0	19.7	88.7	11.1	15.1	26.2	1.1
28	16.5	24.2	20.2	86.3	0.0	0.0	0.0	2.3
29	15.5	24.3	19.9	82.7	1.1	0.0	1.1	3.6
30	16.8	26.0	20.5	82.3	5.6	.1	5.7	3.3
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.9	26.4	21.2	81.6	105.5	41.0	146.5	113.5

ESTACION: MARACAY

DPTO: QUINDIO

LATITUD : 04° 36'N

AÑO: 1991

MPIO: QUIMBAYA

LONGITUD: 75° 46'W

ALTITUD : 1450 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	25.2	20.4	84.7	0.0	0.0	0.0	4.2
2	16.8	27.0	21.6	80.3	0.0	.1	.1	6.4
3	16.7	25.2	21.2	81.7	15.7	0.0	15.7	3.1
4	17.0	24.3	20.2	86.3	4.9	5.8	10.7	.8
5	16.8	25.8	19.1	87.7	5.2	.1	5.3	1.4
6	16.4	24.8	20.3	85.3	.3	5.7	6.0	4.2
7	17.0	24.2	19.9	86.3	2.0	0.0	2.0	2.8
8	16.8	26.6	20.4	82.3	0.0	1.0	1.0	4.0
9	17.2	26.0	20.7	81.3	0.0	0.0	0.0	4.9
10	16.0	26.1	21.4	81.0	0.0	0.0	0.0	3.4
11	16.1	26.2	21.0	82.0	0.0	0.0	0.0	4.1
12	16.2	26.1	21.0	80.3	0.0	0.0	0.0	1.9
13	15.3	26.7	20.6	77.0	0.0	0.0	0.0	6.5
14	14.2	27.9	21.5	75.3	0.0	0.0	0.0	7.9
15	15.2	27.8	22.9	70.7	0.0	0.0	0.0	5.6
16	16.4	29.2	23.8	60.7	0.0	0.0	0.0	7.9
17	16.0	27.0	22.5	74.7	.2	0.0	.2	6.0
18	15.9	26.0	22.0	78.3	0.0	0.0	0.0	2.9
19	16.5	30.0	24.0	56.3	0.0	0.0	0.0	9.2
20	15.0	26.9	21.6	76.7	0.0	0.0	0.0	1.4
21	17.0	27.0	21.0	84.0	1.6	0.0	1.6	3.9
22	15.0	28.7	22.6	74.3	0.0	0.0	0.0	9.0
23	15.8	28.2	22.0	73.7	3.1	0.0	3.1	6.0
24	16.0	26.2	21.2	82.3	2.6	0.0	2.6	.1
25	14.8	27.5	22.6	66.3	0.0	0.0	0.0	6.7
26	15.0	27.6	21.5	76.3	0.0	0.0	0.0	5.6
27	17.0	27.0	20.5	82.3	0.0	0.0	0.0	3.1
28	15.4	26.2	21.2	80.3	0.0	0.0	0.0	2.4
29	16.8	27.2	20.5	81.3	.8	.1	.9	3.6
30	17.0	23.5	18.2	92.3	0.0	32.0	32.0	.7
31	16.0	21.2	18.0	91.3	1.2	5.6	6.8	0.0
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.1	26.4	21.1	79.2	37.6	50.4	88.0	129.7

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	23.5	18.7	86.0	2.0	0.0	2.0	1.7
2	15.1	25.0	20.8	83.7	1.3	58.8	60.1	3.6
3	15.3	28.6	22.2	61.0	0.0	0.0	0.0	8.0
4	15.0	26.2	21.6	69.7	0.0	0.0	0.0	7.2
5	16.2	24.4	19.4	85.0	2.9	0.0	2.9	.7
6	16.8	26.5	21.5	76.7	0.0	.3	.3	4.2
7	16.0	26.2	21.2	81.0	.4	4.5	4.9	3.8
8	17.0	25.2	20.5	82.0	.3	8.3	8.6	2.9
9	16.8	24.0	20.1	81.0	0.0	0.0	0.0	2.1
10	16.5	26.8	20.7	81.3	0.0	0.0	0.0	6.4
11	14.6	27.2	22.1	63.0	0.0	0.0	0.0	8.4
12	17.8	28.7	22.4	57.3	0.0	0.0	0.0	6.0
13	15.5	27.8	23.1	46.7	0.0	0.0	0.0	9.0
14	16.8	27.9	22.7	61.7	0.0	0.0	0.0	5.6
15	17.4	26.8	22.9	57.0	0.0	0.0	0.0	5.3
16	15.0	27.6	22.0	65.7	0.0	0.0	0.0	4.3
17	14.9	25.8	20.9	76.0	0.0	0.0	0.0	4.7
18	15.8	28.0	21.1	78.0	.5	0.0	.5	7.1
19	15.0	26.2	21.3	73.7	0.0	0.0	0.0	3.9
20	14.0	27.2	21.6	71.0	0.0	0.0	0.0	6.6
21	15.2	28.8	22.4	65.3	0.0	0.0	0.0	7.4
22	14.8	28.0	23.0	62.0	0.0	0.0	0.0	6.1
23	14.4	26.2	22.2	65.3	0.0	0.0	0.0	5.5
24	16.0	29.9	23.2	58.3	0.0	0.0	0.0	8.1
25	15.0	28.7	23.2	62.0	0.0	0.0	0.0	8.3
26	14.7	29.5	24.0	61.0	0.0	0.0	0.0	8.1
27	15.7	29.8	22.2	74.3	0.0	0.0	0.0	4.6
28	16.2	28.5	23.1	55.0	0.0	0.0	0.0	5.3
29	13.2	29.2	23.1	52.7	0.0	0.0	0.0	7.5
30	14.0	28.8	22.0	68.0	0.0	0.0	0.0	2.9
31	16.0	25.8	22.4	65.0	0.0	.1	.1	4.2
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	15.5	27.2	21.8	68.6	7.4	72.0	79.4	169.5

ESTACION: MARACAY

DPTO: QUINDIO

LATITUD : 04° 36'N

AÑO: 1991

MPIO: QUIMBAYA

LONGITUD: 75° 46'W
ALTITUD : 1450 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	29.9	22.7	62.3	0.0	0.0	0.0	4.0
2	14.8	30.0	22.5	69.3	0.0	0.0	0.0	9.1
3	15.5	25.8	21.0	79.0	0.0	0.0	0.0	.4
4	14.8	31.0	22.3	68.7	0.0	0.0	0.0	8.6
5	15.0	29.5	23.0	70.3	0.0	0.0	0.0	8.2
6	16.0	27.5	22.3	76.0	4.1	5.7	9.8	3.9
7	15.8	29.5	22.2	69.3	0.0	0.0	0.0	6.6
8	15.4	30.2	22.4	72.3	0.0	0.0	0.0	7.2
9	15.2	31.4	23.0	70.0	0.0	0.0	0.0	8.1
10	16.0	30.8	24.3	54.7	0.0	0.0	0.0	6.6
11	22.0	29.2	24.2	36.7	0.0	0.0	0.0	7.2
12	15.5	30.2	23.5	51.3	0.0	0.0	0.0	7.2
13	14.0	29.0	22.3	66.0	0.0	0.0	0.0	8.0
14	14.9	27.0	22.2	75.0	0.0	2.6	2.6	3.3
15	16.0	24.0	18.8	91.3	.6	79.2	79.8	.3
16	15.8	21.8	18.2	91.7	30.6	.2	30.8	0.0
17	16.0	26.0	20.2	77.0	0.0	0.0	0.0	2.3
18	16.4	25.7	20.2	83.3	0.0	0.0	0.0	1.3
19	16.2	25.2	20.5	80.0	.1	.6	.7	2.1
20	17.0	20.8	17.7	97.7	9.9	.5	10.4	.3
21	14.2	25.0	20.3	83.3	1.1	.1	1.2	2.4
22	16.0	24.5	19.3	87.0	16.4	55.4	71.8	2.2
23	15.0	25.0	19.9	78.7	0.0	1.3	1.3	2.4
24	17.0	23.7	19.2	88.3	0.0	0.0	0.0	.9
25	16.5	26.2	19.8	83.0	5.1	0.0	5.1	3.9
26	16.0	25.0	19.9	82.3	0.0	0.0	0.0	1.6
27	15.9	26.2	19.7	80.7	1.0	.1	1.1	1.0
28	16.0	27.2	18.7	84.0	18.7	5.1	23.8	5.6
29	16.6	25.2	20.7	83.3	7.1	0.0	7.1	3.5
30	16.0	27.4	20.2	78.7	31.6	.7	32.3	5.7
31								
TOTAL					126.3	151.5	277.8	123.9
PROMEDIO	15.9	27.0	21.0	75.7				

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	24.5	20.5	80.7	0.0	0.0	0.0	1.1
2	16.1	25.0	20.3	83.3	1.0	2.8	3.8	2.8
3	16.0	26.4	20.7	82.3	0.0	0.0	0.0	5.6
4	16.2	26.0	20.4	77.0	.2	0.0	.2	4.1
5	15.0	26.2	21.6	69.3	.2	0.0	.2	4.2
6	16.7	26.8	21.0	72.7	.5	5.0	5.5	6.3
7	15.4	26.2	19.4	77.7	0.0	0.0	0.0	6.0
8	15.8	26.0	19.2	79.0	22.9	3.5	26.4	3.0
9	15.9	25.0	19.5	80.7	.5	0.0	.5	1.2
10	16.2	23.2	17.5	94.7	3.2	0.0	3.2	1.4
11	15.0	25.0	18.6	79.3	24.4	0.0	24.4	1.7
12	13.4	27.8	20.4	77.0	0.0	.5	.5	6.8
13	15.4	27.1	19.7	78.3	.1	0.0	.1	5.0
14	13.8	27.0	19.6	73.3	2.5	.6	3.1	6.4
15	13.2	27.1	20.3	72.3	0.0	0.0	0.0	8.2
16	14.8	28.2	22.0	73.3	0.0	0.0	0.0	8.8
17	15.5	27.0	21.4	77.0	0.0	.3	.3	4.6
18	17.5	24.8	19.9	81.7	0.0	0.0	0.0	.9
19	15.0	26.0	19.8	80.0	0.0	0.0	0.0	3.6
20	14.0	28.9	22.2	59.7	0.0	0.0	0.0	7.6
21	13.8	28.6	21.7	65.0	0.0	0.0	0.0	9.1
22	14.5	27.5	21.3	75.3	0.0	0.0	0.0	6.2
23	15.0	27.8	21.4	74.7	0.0	0.0	0.0	7.0
24	15.2	26.2	20.7	78.0	0.0	0.0	0.0	.7
25	15.0	26.0	20.8	79.0	.1	.2	.3	3.5
26	15.8	26.8	20.0	80.3	3.9	0.0	3.9	4.2
27	15.9	25.6	19.5	82.7	11.4	0.0	11.4	2.2
28	15.0	26.4	20.3	79.3	7.1	0.0	7.1	5.4
29	14.0	27.2	20.6	77.3	0.0	.8	.8	6.3
30	16.8	26.0	20.5	79.0	0.0	0.0	0.0	2.3
31	16.0	25.5	19.9	78.7	1.3	0.0	1.3	1.5
TOTAL					79.3	13.7	93.0	137.7
PROMEDIO	15.3	26.4	20.3	77.4				

ESTACION: MARACAY

DPTO: QUINDIO

LATITUD : 04° 36'N

AÑO: 1991

MPIO: QUIMBAYA

LONGITUD: 75° 46'W
ALTITUD : 1450 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.5	25.8	20.2	81.0	.1	1.1	1.2	2.2
2	17.0	26.0	20.5	80.0	0.0	0.0	0.0	1.7
3	15.7	25.9	20.6	76.0	1.2	37.8	39.0	3.3
4	17.0	23.4	18.6	92.7	16.4	.1	16.5	1.0
5	17.1	26.8	20.4	83.7	0.0	3.6	3.6	2.8
6	16.8	26.7	19.7	79.3	4.9	12.5	17.4	3.1
7	16.0	26.2	19.7	81.3	36.2	4.1	40.3	4.1
8	15.9	22.4	18.6	93.7	3.9	29.6	33.5	.7
9	16.2	24.2	18.9	83.7	3.9	14.8	18.7	2.0
10	15.8	24.3	19.3	84.0	0.0	11.5	11.5	2.4
11	15.2	27.0	20.6	72.3	0.0	4.4	4.4	5.3
12	17.0	27.8	21.0	78.0	0.0	22.2	22.2	5.1
13	17.2	25.4	19.9	80.0	0.0	11.2	11.2	2.8
14	16.0	25.9	19.3	85.0	1.6	41.5	43.1	5.9
15	15.9	23.2	18.7	85.0	25.9	.8	26.7	.8
16	14.5	27.1	19.6	77.7	0.0	0.0	0.0	7.0
17	16.0	25.7	20.0	81.0	.1	0.0	.1	3.6
18	14.8	25.8	19.7	79.7	3.1	0.0	3.1	3.2
19	15.8	25.2	19.5	83.7	.1	0.0	.1	2.2
20	14.7	26.8	19.8	77.0	9.1	0.0	9.1	3.7
21	16.5	25.4	20.4	82.0	1.5	0.0	1.5	2.4
22	15.5	26.4	20.7	81.7	0.0	0.0	0.0	3.9
23	16.5	26.8	22.0	78.0	0.0	0.0	0.0	4.7
24	16.2	25.5	21.0	79.0	0.0	25.9	25.9	3.0
25	16.8	20.4	18.0	91.3	5.3	0.0	5.3	0.0
26	15.8	27.5	20.8	77.0	0.0	0.0	0.0	5.6
27	16.0	26.0	20.6	78.3	0.0	0.0	0.0	2.4
28	16.7	25.0	20.7	80.0	0.0	.2	.2	1.1
29	17.2	22.8	19.4	88.7	0.0	0.0	0.0	0.0
30	15.8	26.8	21.0	75.7	.2	0.0	.2	4.0
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.1	25.5	20.0	81.5	113.5	221.3	334.8	90.0

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	27.0	20.6	78.7	1.1	0.0	1.1	2.7
2	16.2	24.1	19.5	92.7	1.2	22.9	24.1	.4
3	17.0	26.5	20.6	83.3	0.0	.1	.1	5.7
4	17.1	27.8	22.2	79.3	.4	6.4	6.8	5.2
5	16.2	20.2	18.1	94.3	3.9	0.0	3.9	0.0
6	13.8	26.1	19.6	78.7	0.0	0.0	0.0	4.2
7	16.0	28.1	22.0	80.7	0.0	10.8	10.8	5.7
8	18.0	27.1	21.8	79.0	.6	0.0	.6	4.4
9	17.0	23.4	18.9	86.7	11.0	0.0	11.0	.3
10	15.0	26.8	20.8	75.3	0.0	0.0	0.0	5.2
11	15.1	27.0	20.9	80.0	0.0	0.0	0.0	3.8
12	16.2	28.5	21.0	78.7	1.9	14.5	16.4	6.1
13	16.9	27.0	21.0	79.0	0.0	0.0	0.0	5.8
14	17.0	24.6	20.6	82.0	.3	1.8	2.1	1.2
15	17.1	23.9	19.8	86.7	0.0	1.6	1.6	.2
16	16.9	25.0	20.6	77.7	0.0	1.9	1.9	2.2
17	16.8	22.1	18.0	90.0	.9	0.0	.9	.2
18	14.0	25.0	19.8	79.0	0.0	0.0	0.0	4.2
19	16.0	27.1	20.5	81.7	0.0	.1	.1	3.6
20	18.0	27.0	21.1	83.3	0.0	0.0	0.0	4.9
21	16.0	26.9	21.3	74.7	0.0	2.0	2.0	5.1
22	17.0	23.2	19.7	86.7	0.0	.7	.7	1.2
23	16.9	25.5	20.2	81.3	0.0	0.0	0.0	3.6
24	17.3	25.0	20.6	81.3	0.0	0.0	0.0	2.9
25	16.0	27.0	21.1	76.3	0.0	0.0	0.0	3.2
26	15.7	27.1	20.5	78.3	0.0	0.0	0.0	4.5
27	15.1	28.2	21.6	73.3	0.0	0.0	0.0	6.2
28	16.8	26.0	20.9	86.0	0.0	17.8	17.8	3.2
29	16.4	25.0	19.1	77.3	.7	0.0	.7	1.7
30	15.7	26.7	20.9	76.3	0.0	0.0	0.0	6.8
31	14.4	27.8	21.7	74.7	0.0	0.0	0.0	6.8
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.2	25.9	20.5	81.1	22.0	80.6	102.6	111.2

Estación: MARACAY

Dpto.: QUINDIO

Latitud : 04° 36'N

Año: 1991

Mpio.: QUIMBAYA

Longitud: 75° 46'W
Altitud : 1450 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Max. Med.	Med.	Min. Abs.	Max. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	16.4	27.9	21.4	14.0	30.8	79.0	83.1	13	167.9
FEBRERO	16.6	28.2	21.8	14.5	31.0	77.9	112.5	15	144.3
MARZO	16.7	26.9	20.9	14.2	29.8	81.0	315.9	21	140.0
ABRIL	16.5	27.2	21.0	15.0	28.7	79.9	196.8	17	140.5
MAYO	17.0	25.5	20.7	15.0	28.8	82.9	207.1	24	85.0
JUNIO	16.9	26.4	21.2	15.2	29.6	81.6	146.5	21	113.5
JULIO	16.1	26.4	21.1	14.2	30.0	79.2	88.0	14	129.7
AGOSTO	15.5	27.2	21.8	13.2	29.9	68.6	79.4	8	169.5
SEPTIEMBRE	15.9	27.0	21.0	14.0	31.4	75.7	277.8	14	123.9
OCTUBRE	15.3	26.4	20.3	13.2	28.9	77.4	93.0	18	137.7
NOVIEMBRE	16.1	25.5	20.0	14.5	27.8	81.5	334.8	23	90.0
DICIEMBRE	16.2	25.9	20.5	13.8	28.5	81.1	102.6	18	111.2
PROMEDIO	16.3	26.7	21.0			78.8			
ABSOLUTA				13.2	31.4				
TOTAL							2037.5	206	1553.2

ESTACION: EL AGRADO

DPTO: QUINDIO

LATITUD : 04° 31'N

AÑO: 1991

MPIO: MONTENEGRO

LONGITUD: 75° 47'W
ALTITUD : 1350 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	28.8	21.6	76.7	0.0	.2	.2	6.6
2	17.4	29.5	22.8	73.0	0.0	1.2	1.2	6.7
3	18.8	30.0	23.0	76.3	0.0	5.6	5.6	4.5
4	19.0	29.8	23.5	75.7	3.9	0.0	3.9	5.1
5	18.8	30.8	24.0	73.7	0.0	.5	.5	5.7
6	18.4	31.2	22.9	73.0	9.1	21.0	30.1	6.7
7	18.6	29.9	22.6	77.7	1.2	0.0	1.2	4.7
8	16.6	30.2	22.8	74.3	0.0	0.0	0.0	5.3
9	16.9	30.8	23.2	72.3	0.0	0.0	0.0	6.9
10	17.0	30.7	23.7	70.3	0.0	0.0	0.0	3.7
11	17.7	27.8	22.3	77.7	0.0	5.7	5.7	1.7
12	18.5	28.8	23.2	74.0	0.0	5.7	5.7	4.8
13	18.0	29.5	22.1	79.3	0.0	0.0	0.0	4.8
14	17.9	27.4	22.1	79.0	.6	.1	.7	1.2
15	16.9	29.0	22.2	73.0	0.0	0.0	0.0	7.9
16	15.0	31.0	22.7	66.0	0.0	0.0	0.0	9.7
17	17.4	28.0	23.2	74.0	0.0	0.0	0.0	2.5
18	17.7	29.2	21.9	78.7	.1	13.0	13.1	5.3
19	17.8	29.4	22.4	82.7	2.3	0.0	2.3	6.6
20	18.2	29.9	23.5	75.0	.6	2.5	3.1	5.4
21	16.4	30.8	22.5	71.0	0.0	0.0	0.0	7.8
22	16.8	30.5	22.4	74.0	0.0	0.0	0.0	7.0
23	14.7	30.8	21.5	70.0	0.0	0.0	0.0	9.1
24	16.0	31.0	22.8	75.3	0.0	0.0	0.0	7.5
25	15.5	31.5	23.1	71.7	0.0	0.0	0.0	8.2
26	15.8	29.2	22.2	77.3	0.0	0.0	0.0	5.5
27	16.4	27.8	21.8	79.0	0.0	0.0	0.0	3.2
28	14.9	32.1	23.7	71.7	0.0	0.0	0.0	9.2
29	16.0	32.2	23.5	71.0	0.0	0.0	0.0	8.5
30	17.0	30.5	23.4	76.3	0.0	0.0	0.0	4.4
31	17.2	30.1	23.1	71.3	0.0	0.0	0.0	6.4
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.1	29.9	22.7	74.5	17.8	55.5	73.3	182.6

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	30.8	21.9	77.7	7.5	0.0	7.5	6.7
2	16.8	29.4	22.7	71.0	0.0	52.9	52.9	5.3
3	16.0	25.5	19.7	84.3	6.8	0.0	6.8	1.6
4	16.2	27.8	21.6	76.3	.2	0.0	.2	3.6
5	14.5	30.0	21.9	77.0	0.0	1.5	1.5	6.4
6	15.8	30.9	23.9	70.3	0.0	0.0	0.0	7.2
7	16.8	29.5	22.8	76.0	0.0	0.0	0.0	4.2
8	16.4	30.2	23.4	72.0	0.0	0.0	0.0	5.3
9	16.0	30.8	23.1	76.7	0.0	0.0	0.0	7.7
10	16.8	32.1	24.5	72.3	.8	0.0	.8	7.9
11	17.2	30.4	22.7	78.0	0.0	0.0	0.0	2.5
12	18.8	31.5	23.3	73.7	1.2	0.0	1.2	5.7
13	18.0	30.9	22.4	79.7	0.0	0.0	0.0	5.9
14	16.8	31.2	23.9	71.7	0.0	.7	.7	5.3
15	18.0	30.2	23.7	80.3	0.0	0.0	0.0	3.8
16	17.8	26.8	22.3	78.3	7.0	0.0	7.0	1.7
17	17.0	31.8	24.0	70.3	0.0	1.1	1.1	7.5
18	18.5	30.6	23.1	76.0	0.0	0.0	0.0	3.9
19	18.4	30.9	23.0	72.0	.5	0.0	.5	4.1
20	19.4	30.1	23.9	71.3	0.0	1.3	1.3	4.9
21	18.4	31.5	24.2	70.7	0.0	0.0	0.0	7.2
22	17.2	31.2	23.9	69.0	0.0	0.0	0.0	6.0
23	18.4	32.2	24.8	69.3	0.0	0.0	0.0	6.0
24	19.2	32.4	25.8	59.7	0.0	0.0	0.0	6.0
25	15.8	33.2	25.2	64.7	0.0	0.0	0.0	8.0
26	19.0	29.9	23.6	77.7	0.0	0.0	0.0	2.5
27	18.4	30.8	22.1	77.7	4.6	0.0	4.6	4.5
28	16.8	29.4	21.8	79.0	0.0	0.0	0.0	2.7
29								
30								
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.3	30.4	23.2	74.0	28.6	57.5	86.1	144.1

ESTACION: EL AGRADO

DPTO: QUINDIO

LATITUD : 04° 31'N

LONGITUD: 75° 47'W

AÑO: 1991

MPIO: MONTENEGRO

ALTITUD : 1350 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	29.8	21.3	79.7	11.5	27.6	39.1	3.9
2	16.8	28.9	21.5	81.3	.7	0.0	.7	2.4
3	17.0	31.0	23.4	71.7	0.0	0.0	0.0	6.8
4	18.6	31.2	23.3	71.0	0.0	35.9	35.9	7.2
5	17.6	30.5	22.8	76.3	0.0	0.0	0.0	4.6
6	17.9	31.8	24.1	69.3	0.0	.6	.6	7.2
7	18.2	29.9	21.4	78.0	0.0	26.7	26.7	3.1
8	17.8	31.2	23.5	77.0	0.0	.8	.8	6.0
9	18.2	29.8	22.1	78.3	0.0	4.5	4.5	5.6
10	18.8	27.2	22.0	83.0	1.9	0.0	1.9	1.3
11	18.9	30.9	22.6	77.3	.2	0.0	.2	4.6
12	17.8	26.2	21.8	83.0	.2	0.0	.2	.4
13	17.2	29.5	22.5	77.3	0.0	10.9	10.9	2.9
14	17.4	29.8	20.5	79.3	9.8	0.0	9.8	4.0
15	16.0	28.7	22.2	78.0	0.0	0.0	0.0	4.2
16	18.5	30.1	22.8	79.7	1.0	.2	1.2	3.7
17	19.0	30.8	23.3	76.7	.1	0.0	.1	5.4
18	18.0	31.5	24.4	69.7	0.0	0.0	0.0	6.6
19	17.8	31.8	23.7	70.7	0.0	0.0	0.0	7.1
20	17.5	31.4	23.8	73.0	0.0	0.0	0.0	8.0
21	15.8	31.7	24.0	70.0	0.0	0.0	0.0	8.5
22	17.8	31.0	23.3	77.3	0.0	0.0	0.0	5.0
23	17.4	29.5	22.3	81.3	1.1	12.2	13.3	3.7
24	17.8	27.6	22.5	80.7	.3	19.4	19.7	1.5
25	18.8	30.0	22.5	76.0	0.0	18.0	18.0	5.7
26	18.0	24.5	19.7	91.3	4.5	9.0	13.5	0.0
27	16.5	25.1	20.1	83.3	0.0	.2	.2	.7
28	18.0	24.5	19.4	87.3	6.1	0.0	6.1	0.0
29	14.8	29.7	21.7	73.7	0.0	0.0	0.0	6.4
30	16.2	30.2	23.2	70.7	0.0	0.0	0.0	8.2
31	17.2	26.4	21.1	74.0	3.2	0.0	3.2	2.3
TOTAL PROMEDIO	17.6	29.4	22.3	77.3	40.6	166.0	206.6	137.0

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	28.5	21.8	74.3	0.0	0.0	0.0	7.3
2	18.0	30.1	22.6	74.3	0.0	0.0	0.0	6.9
3	15.8	29.8	23.2	74.0	0.0	0.0	0.0	4.7
4	16.2	31.2	23.9	74.3	0.0	0.0	0.0	6.8
5	16.7	29.1	22.3	74.7	.3	.2	.5	4.6
6	18.0	29.2	22.1	79.3	.2	0.0	.2	5.4
7	18.4	28.6	23.0	76.3	0.0	.1	.1	6.0
8	18.2	27.4	21.3	84.0	5.5	24.1	29.6	1.8
9	17.4	29.1	22.2	77.0	.1	6.7	6.8	4.9
10	17.8	29.0	23.0	74.3	0.0	.1	.1	6.7
11	18.8	30.5	22.3	79.0	.2	.2	.4	5.8
12	18.7	25.3	20.8	82.3	3.8	0.0	3.8	.5
13	17.0	28.7	21.8	76.7	0.0	0.0	0.0	4.6
14	18.4	30.2	22.5	71.7	0.0	7.6	7.6	7.2
15	16.8	30.4	23.5	70.3	0.0	0.0	0.0	9.3
16	17.2	30.8	24.3	69.3	0.0	0.0	0.0	8.1
17	17.9	29.9	23.3	72.0	0.0	0.0	0.0	5.2
18	16.4	30.0	22.9	72.3	0.0	0.0	0.0	6.8
19	17.2	30.4	22.6	77.3	0.0	0.0	0.0	6.1
20	17.0	31.0	22.1	78.3	.2	2.5	2.7	6.3
21	17.1	29.5	23.2	77.0	0.0	0.0	0.0	2.8
22	17.0	30.8	23.7	73.7	0.0	.6	.6	3.8
23	18.8	28.5	22.5	80.3	0.0	.5	.5	2.3
24	18.6	31.2	24.7	70.7	0.0	0.0	0.0	6.3
25	18.0	30.0	22.8	77.3	1.9	0.0	1.9	4.5
26	17.8	29.5	21.7	78.3	9.0	0.0	9.0	3.5
27	16.8	29.8	21.4	78.7	2.5	0.0	2.5	4.9
28	17.8	27.9	21.3	85.0	6.8	.6	7.4	.4
29	17.6	28.5	21.3	81.3	4.4	0.0	4.4	2.8
30	17.0	30.4	21.1	80.0	3.2	4.7	7.9	4.5
31								
TOTAL PROMEDIO	17.4	29.5	22.5	76.5	38.1	47.9	86.0	150.8

ESTACION: EL AGRADO

DPTO: QUINDIO

LATITUD : 04° 31'N

AÑO: 1991

MPIO: MONTENEGRO

LONGITUD: 75° 47'W

ALTITUD : 1350 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	28.0	21.9	74.7	0.0	0.0	0.0	4.6
2	17.8	29.4	23.3	73.3	0.0	1.8	1.8	3.3
3	18.6	24.5	21.2	87.0	.1	2.5	2.6	0.0
4	17.5	27.2	21.7	82.0	0.0	.3	.3	1.9
5	18.5	26.4	21.2	81.3	.5	0.0	.5	.8
6	17.0	29.5	22.5	76.3	0.0	0.0	0.0	7.1
7	17.4	28.0	22.1	78.7	0.0	0.0	0.0	2.0
8	17.5	31.0	23.4	75.7	.2	0.0	.2	6.0
9	18.5	27.5	21.2	80.0	6.6	0.0	6.6	.7
10	16.8	30.0	22.8	75.0	0.0	4.0	4.0	4.9
11	18.0	28.2	22.8	78.3	0.0	1.6	1.6	4.0
12	18.5	27.1	20.8	86.0	6.0	2.4	8.4	2.2
13	18.4	29.2	23.1	77.3	0.0	0.0	0.0	7.1
14	18.6	26.1	21.4	84.7	.4	0.0	.4	0.0
15	19.0	29.0	22.1	76.7	36.8	9.8	46.6	4.7
16	18.8	26.0	21.7	86.3	0.0	21.2	21.2	.9
17	18.4	21.8	19.1	91.3	11.0	2.1	13.1	.1
18	17.0	25.6	20.3	82.7	0.0	2.3	2.3	.9
19	17.4	27.0	21.3	85.3	.1	28.8	28.9	1.7
20	16.8	26.8	20.9	82.0	2.3	11.8	14.1	2.1
21	16.9	24.9	20.2	85.0	.2	3.7	3.9	.5
22	17.0	24.0	19.9	88.3	.1	0.0	.1	1.1
23	17.1	26.5	20.6	83.0	16.4	21.4	37.8	2.9
24	16.8	25.5	20.9	84.0	.7	0.0	.7	2.2
25	16.5	28.9	22.8	74.0	0.0	0.0	0.0	8.1
26	17.5	29.2	24.2	71.3	0.0	.5	.5	4.1
27	16.0	29.9	23.0	76.3	0.0	0.0	0.0	6.7
28	17.4	29.4	23.9	74.3	0.0	0.0	0.0	4.7
29	17.5	28.2	23.3	76.3	0.0	0.0	0.0	3.1
30	18.5	26.2	21.1	87.7	4.9	0.0	4.9	.8
31	17.0	27.0	20.2	85.7	8.0	12.8	20.8	2.5
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.6	27.4	21.7	80.7	94.3	127.0	221.3	91.7

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	27.4	21.8	84.7	0.0	2.2	2.2	2.8
2	17.0	28.4	22.7	78.3	0.0	3.1	3.1	3.6
3	18.2	28.1	23.0	79.7	.3	0.0	.3	4.2
4	16.5	29.5	21.2	78.3	32.1	.5	32.6	4.4
5	18.0	26.6	21.4	84.0	.5	0.0	.5	1.3
6	17.0	28.2	21.4	80.0	.2	0.0	.2	5.7
7	17.5	30.5	24.0	75.3	0.0	0.0	0.0	9.1
8	17.0	29.2	23.7	78.0	0.0	0.0	0.0	4.2
9	18.2	31.2	24.2	72.0	0.0	0.0	0.0	8.5
10	17.5	30.2	24.0	75.7	0.0	0.0	0.0	6.1
11	16.8	31.8	24.6	71.3	0.0	0.0	0.0	10.2
12	17.2	30.0	24.0	76.0	0.0	0.0	0.0	6.7
13	17.5	29.4	23.8	76.0	.7	12.3	13.0	5.2
14	19.0	28.0	22.9	79.7	.9	0.0	.9	1.8
15	18.2	28.7	22.9	80.3	.1	0.0	.1	4.9
16	18.4	25.5	21.4	81.3	.9	.4	1.3	.2
17	18.5	28.0	22.2	79.7	0.0	0.0	0.0	4.2
18	17.0	30.0	23.2	68.0	0.0	0.0	0.0	6.3
19	17.1	28.1	22.6	77.7	0.0	0.0	0.0	2.9
20	16.0	29.2	22.4	75.7	0.0	.3	.3	2.8
21	18.0	27.5	21.5	82.7	0.0	0.0	0.0	1.3
22	17.2	28.3	20.0	80.0	17.1	.2	17.3	3.2
23	17.5	27.5	23.2	79.7	.1	0.0	.1	5.2
24	17.8	28.2	21.4	83.3	.1	0.0	.1	2.6
25	17.0	28.4	22.0	75.3	0.0	1.9	1.9	4.6
26	18.0	28.5	20.9	80.3	15.5	3.5	19.0	4.0
27	17.8	27.2	21.1	83.3	0.0	2.4	2.4	4.6
28	17.6	26.8	21.6	79.7	0.0	0.0	0.0	1.7
29	16.0	26.0	21.6	85.3	.4	0.0	.4	2.1
30	17.0	28.5	20.3	80.7	18.5	0.0	18.5	2.5
31	====	====	====	====	====	====	====	====
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.5	28.5	22.3	78.7	87.4	26.8	114.2	126.9

ESTACION: EL AGRADO

DPTO: QUINDIO

LATITUD : 04° 31'N

AÑO: 1991

MPIO: MONTENEGRO

LONGITUD: 75° 47'W
ALTITUD : 1350 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.6	27.0	21.0	81.3	1.7	8.3	10.0	2.8
2	18.0	28.8	23.1	76.0	0.0	0.0	0.0	6.9
3	16.8	28.5	21.1	79.7	13.2	0.0	13.2	3.9
4	17.0	26.5	20.9	83.0	8.5	5.9	14.4	.1
5	18.2	25.8	19.9	81.7	6.2	10.3	16.5	1.0
6	16.6	27.2	21.6	75.7	1.0	4.5	5.5	6.2
7	17.8	27.0	20.7	81.0	2.0	0.0	2.0	3.2
8	17.5	28.5	22.4	77.0	0.0	2.7	2.7	5.3
9	18.0	28.0	23.1	74.7	0.0	0.0	0.0	4.0
10	16.8	27.5	22.5	80.0	0.0	0.0	0.0	2.9
11	16.5	29.0	22.4	76.7	0.0	0.0	0.0	5.0
12	17.2	28.0	22.4	76.3	0.0	0.0	0.0	2.2
13	16.0	28.1	22.9	71.0	0.0	0.0	0.0	5.8
14	15.0	30.0	23.3	71.7	0.0	0.0	0.0	7.4
15	16.5	31.2	23.9	74.0	0.0	0.0	0.0	6.0
16	17.5	31.1	24.8	59.3	0.0	0.0	0.0	6.3
17	16.0	29.1	22.9	75.3	1.0	0.0	1.0	4.7
18	16.5	28.8	23.2	73.3	0.0	0.0	0.0	2.7
19	17.2	32.1	24.3	58.7	0.0	0.0	0.0	9.1
20	15.5	28.2	23.2	71.3	0.0	0.0	0.0	.3
21	17.5	29.7	23.5	72.3	0.0	0.0	0.0	3.2
22	16.0	30.8	24.3	71.0	0.0	0.0	0.0	8.7
23	16.5	30.5	24.2	70.0	0.0	0.0	0.0	7.0
24	16.4	28.0	22.5	76.7	.4	8.0	8.4	0.0
25	15.0	29.2	23.0	64.3	0.0	0.0	0.0	5.5
26	15.5	27.5	22.8	77.3	0.0	0.0	0.0	3.0
27	18.0	28.2	22.1	74.0	0.0	0.0	0.0	4.5
28	16.4	27.0	21.8	77.0	.2	0.0	.2	3.1
29	17.5	28.8	21.7	75.3	0.0	0.0	0.0	3.8
30	17.2	25.0	19.4	86.3	4.9	29.6	34.5	.3
31	17.0	20.5	17.8	95.0	3.3	8.8	12.1	0.0
TOTAL PROMEDIO	16.8	28.2	22.3	75.4	42.4	78.1	120.5	124.9

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.2	25.0	20.1	81.3	.9	0.0	.9	3.5
2	15.6	27.4	20.6	79.7	4.2	4.0	8.2	4.8
3	16.5	29.0	23.5	70.7	0.0	0.0	0.0	6.7
4	15.2	29.1	22.7	70.7	0.0	0.0	0.0	7.7
5	17.2	26.0	21.9	77.3	0.0	0.0	0.0	1.2
6	17.5	28.8	23.7	69.3	0.0	.1	.1	4.6
7	17.2	27.5	22.5	76.7	0.0	4.4	4.4	4.0
8	17.5	27.2	22.1	73.7	9.8	4.9	14.7	3.7
9	17.8	26.1	21.8	76.3	0.0	.3	.3	3.2
10	17.5	29.0	23.3	72.7	0.0	0.0	0.0	6.5
11	14.5	30.0	22.8	73.3	0.0	0.0	0.0	8.0
12	17.0	29.9	22.7	65.7	0.0	0.0	0.0	4.5
13	14.0	29.8	22.6	54.3	0.0	0.0	0.0	8.0
14	17.0	28.8	22.5	64.0	0.0	0.0	0.0	3.5
15	16.0	28.2	22.8	59.3	0.0	0.0	0.0	4.3
16	15.0	29.2	22.0	67.0	0.0	0.0	0.0	5.2
17	15.5	27.6	21.9	70.7	0.0	0.0	0.0	2.9
18	16.4	30.4	22.9	70.0	0.0	0.0	0.0	5.9
19	16.0	28.5	22.7	65.3	0.0	0.0	0.0	4.5
20	14.5	29.8	23.2	66.7	0.0	0.0	0.0	7.4
21	16.5	29.9	23.5	68.7	0.0	0.0	0.0	6.6
22	15.2	29.4	23.4	69.7	0.0	0.0	0.0	4.4
23	15.0	30.4	23.2	59.0	0.0	0.0	0.0	5.4
24	15.8	32.0	23.8	60.0	0.0	0.0	0.0	7.4
25	16.0	31.7	24.1	68.7	0.0	0.0	0.0	7.6
26	15.6	32.0	24.0	66.7	0.0	0.0	0.0	8.5
27	16.2	31.6	23.9	73.0	0.0	0.0	0.0	3.5
28	16.0	30.9	23.3	58.7	0.0	0.0	0.0	4.6
29	13.8	32.0	23.4	58.3	0.0	0.0	0.0	7.3
30	15.2	30.0	23.3	69.7	0.0	0.0	0.0	2.3
31	17.8	27.2	23.1	70.7	0.0	0.0	0.0	2.6
TOTAL PROMEDIO	16.0	29.2	22.8	68.6	14.9	13.7	28.6	160.3

ESTACION: EL AGRADO

DFTO: QUINDIO

LATITUD : 04° 31'N

AÑO: 1991

MPIO: MONTENEGRO

LONGITUD: 75° 47'W

ALTITUD : 1350 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	30.9	23.7	67.7	0.0	0.0	0.0	3.8
2	15.1	32.2	24.3	67.3	0.0	0.0	0.0	9.4
3	15.5	28.2	22.9	77.3	0.0	0.0	0.0	.4
4	15.0	32.5	24.3	69.0	0.0	0.0	0.0	9.0
5	15.1	31.7	24.1	71.0	0.0	0.0	0.0	7.7
6	16.8	31.0	25.3	69.0	0.0	0.0	0.0	4.6
7	16.5	32.2	24.4	65.3	0.0	0.0	0.0	7.7
8	16.0	32.9	24.7	67.7	0.0	0.0	0.0	8.1
9	16.8	33.2	24.6	68.3	0.0	0.0	0.0	8.8
10	16.5	32.5	25.0	58.0	0.0	0.0	0.0	7.3
11	17.2	31.7	24.4	52.3	0.0	0.0	0.0	6.5
12	15.4	32.8	24.8	52.3	0.0	0.0	0.0	7.1
13	14.9	31.2	24.1	66.0	0.0	0.0	0.0	7.7
14	15.8	28.8	23.6	70.7	0.0	1.7	1.7	4.1
15	17.5	26.4	21.1	83.3	0.0	16.0	16.0	.5
16	17.8	22.4	19.8	92.3	15.3	0.0	15.3	0.0
17	17.0	28.2	22.0	76.3	0.0	1.3	1.3	3.5
18	18.0	27.5	22.0	80.7	0.0	0.0	0.0	2.1
19	17.0	28.0	22.0	79.0	0.0	1.2	1.2	3.5
20	18.5	21.4	18.5	98.0	16.8	.8	17.6	0.0
21	15.8	27.5	20.9	82.7	0.0	0.0	0.0	2.1
22	17.5	26.0	20.5	86.7	3.0	40.0	43.0	1.8
23	16.5	27.5	22.1	78.7	0.0	0.0	0.0	4.0
24	17.5	24.0	20.1	95.3	5.9	0.0	5.9	.5
25	17.0	28.2	21.0	84.7	.8	.6	1.4	3.6
26	17.1	27.1	21.7	84.0	0.0	0.0	0.0	1.1
27	16.5	28.7	21.1	84.0	1.1	0.0	1.1	1.7
28	16.0	30.0	20.5	81.3	16.4	.2	16.6	5.5
29	15.5	27.5	22.2	80.7	0.0	.2	.2	3.5
30	16.8	30.1	20.6	81.7	40.3	1.0	41.3	6.3
31								
TOTAL PROMEDIO	16.5	29.1	22.5	75.7	99.6	63.0	162.6	131.9

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	26.0	20.9	83.3	.1	0.0	.1	1.4
2	16.2	27.8	21.0	81.0	1.7	2.1	3.8	3.2
3	17.0	28.2	21.3	80.0	0.0	0.0	0.0	5.2
4	17.1	28.0	21.4	80.0	0.0	0.0	0.0	5.4
5	14.8	29.3	21.4	78.7	0.0	19.5	19.5	5.9
6	17.5	28.4	22.4	72.3	0.0	1.0	1.0	6.1
7	17.1	28.0	20.8	77.3	.7	0.0	.7	6.1
8	16.0	27.8	20.1	81.7	0.0	37.0	37.0	4.3
9	16.1	26.2	20.6	81.3	0.0	.1	.1	2.2
10	17.2	23.8	19.4	94.0	.4	0.0	.4	1.1
11	16.0	27.9	19.9	82.0	1.1	0.0	1.1	3.4
12	14.2	29.0	22.7	73.3	0.0	.3	.3	8.0
13	16.8	29.4	21.6	78.3	.2	0.0	.2	5.8
14	14.4	29.1	18.8	80.0	11.2	1.1	12.3	7.0
15	13.2	28.8	21.4	76.0	0.0	0.0	0.0	8.8
16	15.0	30.0	22.9	72.0	0.0	0.0	0.0	8.9
17	16.8	28.8	22.8	78.7	0.0	0.0	0.0	4.8
18	18.5	26.0	21.5	82.7	0.0	0.0	0.0	.6
19	16.0	25.9	21.0	82.7	0.0	0.0	0.0	2.0
20	14.0	30.3	22.2	73.0	0.0	0.0	0.0	8.3
21	13.2	31.2	22.7	73.3	0.0	0.0	0.0	9.5
22	15.1	29.4	22.3	75.7	0.0	0.0	0.0	7.5
23	15.0	30.1	22.4	76.0	0.0	0.0	0.0	6.6
24	15.8	28.0	22.2	79.0	0.0	0.0	0.0	1.1
25	15.9	29.0	21.9	78.0	0.0	0.0	0.0	3.9
26	16.5	29.6	21.3	81.7	3.9	.7	4.6	4.7
27	17.5	28.6	20.2	84.7	73.4	0.0	73.4	3.8
28	15.8	28.8	20.2	82.7	60.9	0.0	60.9	4.2
29	14.0	28.9	20.7	80.0	24.6	5.8	30.4	7.1
30	16.9	28.0	21.6	81.0	0.0	0.0	0.0	2.5
31	16.8	27.2	21.2	79.0	0.0	0.0	0.0	1.5
TOTAL PROMEDIO	15.9	28.3	21.3	79.3	178.2	67.6	245.8	150.9

ESTACION: EL AGRADO

DPTO: QUINDIO

LATITUD : 04° 31'N

AÑO: 1991

MPIO: MONTENEGRO

LONGITUD: 75° 47'W
ALTITUD : 1350 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.2	26.5	21.3	81.0	0.0	0.0	0.0	1.8
2	17.8	26.4	20.2	81.3	15.9	0.0	15.9	0.0
3	16.0	28.2	20.9	80.3	3.4	21.8	25.2	4.8
4	17.5	23.2	20.2	89.7	2.2	0.0	2.2	.1
5	18.0	28.0	21.1	82.7	0.0	0.0	0.0	2.9
6	17.0	27.5	20.3	82.7	0.0	2.0	2.0	3.8
7	15.8	28.2	20.3	81.3	0.0	7.0	7.0	5.4
8	17.2	23.8	20.4	91.7	2.8	21.1	23.9	.5
9	17.5	27.0	19.8	84.7	10.5	7.0	17.5	2.8
10	16.9	26.2	21.5	80.0	0.0	8.8	8.8	2.7
11	16.8	29.2	21.2	77.3	0.0	0.0	0.0	6.0
12	17.8	29.4	21.9	78.3	0.0	29.0	29.0	5.9
13	17.5	26.2	20.9	84.3	0.0	.1	.1	3.1
14	17.0	27.2	21.0	82.0	0.0	10.3	10.3	4.8
15	16.9	24.0	19.0	94.0	34.6	2.7	37.3	1.3
16	15.5	28.0	20.6	80.7	0.0	0.0	0.0	5.8
17	16.8	26.8	21.1	82.0	9.7	0.0	9.7	4.7
18	15.5	27.8	20.6	84.0	7.8	0.0	7.8	3.5
19	16.4	26.4	20.7	85.7	0.0	0.0	0.0	2.0
20	15.5	29.0	20.6	82.7	0.0	5.0	5.0	5.3
21	17.5	28.8	21.0	82.0	1.5	.1	1.6	3.8
22	17.0	27.4	22.2	82.3	0.0	0.0	0.0	3.5
23	17.5	27.9	23.0	79.3	0.0	0.0	0.0	3.8
24	16.8	29.0	22.6	80.7	0.0	44.0	44.0	2.7
25	17.5	21.8	18.9	92.3	2.7	0.0	2.7	0.0
26	16.5	29.0	21.7	80.0	0.0	0.0	0.0	5.6
27	17.0	27.8	22.1	83.0	0.0	0.0	0.0	1.8
28	17.8	26.0	21.8	82.7	0.0	1.4	1.4	.7
29	18.0	24.2	20.9	86.7	0.0	0.0	0.0	0.0
30	17.3	29.5	22.3	77.7	0.0	0.0	0.0	5.1
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.9	27.0	21.0	83.1	91.1	160.3	251.4	94.2

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	29.4	22.3	79.3	0.0	0.0	0.0	4.0
2	16.8	25.1	21.0	87.0	.4	3.7	4.1	.3
3	18.0	27.2	22.2	78.7	0.0	0.0	0.0	3.7
4	17.5	29.2	21.7	81.7	1.1	31.2	32.3	5.2
5	17.0	21.8	19.2	92.3	4.5	0.0	4.5	0.0
6	14.0	28.0	20.7	81.7	0.0	0.0	0.0	5.5
7	16.5	28.8	22.7	78.0	0.0	0.0	0.0	6.4
8	18.0	29.0	24.0	77.0	0.0	0.0	0.0	4.2
9	17.5	24.8	19.5	89.0	2.4	0.0	2.4	.1
10	15.0	28.2	20.8	78.7	0.0	0.0	0.0	5.9
11	15.5	28.5	21.4	83.7	0.0	0.0	0.0	4.2
12	16.5	30.1	21.9	81.7	0.0	15.0	15.0	7.7
13	17.4	28.4	22.1	78.7	0.0	0.0	0.0	5.4
14	17.5	26.0	21.5	83.0	0.0	1.4	1.4	1.1
15	18.5	25.2	21.1	84.7	0.0	.3	.3	0.0
16	18.0	27.2	22.2	80.0	0.0	5.8	5.8	3.1
17	17.6	22.4	19.2	92.7	0.0	0.0	0.0	0.0
18	15.5	27.4	21.7	80.0	0.0	8.7	8.7	3.6
19	17.0	28.8	22.4	77.0	0.0	0.0	0.0	5.3
20	18.5	28.9	22.7	78.7	0.0	0.0	0.0	.8
21	16.5	28.7	23.3	74.7	0.0	3.4	3.4	5.0
22	18.0	24.0	20.3	93.3	3.3	0.0	3.3	5.8
23	17.9	28.6	22.0	81.7	0.0	0.0	0.0	6.0
24	17.0	27.0	21.6	80.0	0.0	0.0	0.0	2.9
25	16.3	29.0	22.4	80.3	0.0	0.0	0.0	4.6
26	15.5	29.2	22.9	75.3	0.0	0.0	0.0	6.9
27	15.9	30.2	23.4	72.3	0.0	0.0	0.0	7.4
28	17.3	28.5	23.0	77.3	0.0	30.0	30.0	4.1
29	17.5	26.9	21.2	84.0	.4	0.0	.4	3.4
30	14.8	29.0	21.7	79.0	0.0	0.0	0.0	7.3
31	14.4	29.8	22.6	74.7	0.0	0.0	0.0	8.5
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.8	27.6	21.7	81.2	12.1	99.5	111.6	128.4

Estación: EL AGRADO

Dpto.: QUINDIO

Latitud : 04° 31'N

Año: 1991

Mpio.: MONTENEGRO

Longitud: 75° 47'W

Altitud : 1350 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	17.1	29.9	22.7	14.7	32.2	74.5	73.3	13	182.6
FEBRERO	17.3	30.4	23.2	14.5	33.2	74.0	86.1	13	144.1
MARZO	17.6	29.4	22.3	14.8	31.8	77.3	206.6	21	137.0
ABRIL	17.4	29.5	22.5	14.8	31.2	76.5	86.0	18	150.8
MAYO	17.6	27.4	21.7	16.0	31.0	80.7	221.3	23	91.7
JUNIO	17.5	28.5	22.3	16.0	31.8	78.7	114.2	19	126.9
JULIO	16.8	28.2	22.3	15.0	32.1	75.4	120.5	12	124.9
AGOSTO	16.0	29.2	22.8	13.8	32.0	68.6	28.6	6	160.3
SEPTIEMBRE	16.5	29.1	22.5	14.9	33.2	75.7	162.6	13	131.9
OCTUBRE	15.9	28.3	21.3	13.2	31.2	79.3	245.8	16	150.9
NOVIEMBRE	16.9	27.0	21.0	15.2	29.5	83.1	251.4	19	94.2
DICIEMBRE	16.8	27.6	21.7	14.0	30.2	81.2	111.6	13	128.4
PROMEDIO	17.0	28.7	22.2			77.1			
ABSOLUTA				13.2	33.2				
TOTAL							1708.0	186	1623.7

ESTACION: LA BELLA

DPTO: QUINDIO

LATITUD : 04° 30'N

AÑO: 1991

MPIO: CALARCA

LONGITUD: 75° 40'W
ALTITUD : 1450 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	25.8	19.6	78.0	8.5	1.8	10.3	5.4
2	16.0	25.7	20.1	82.0	.3	7.7	8.0	4.4
3	16.7	25.1	20.7	81.7	1.0	4.2	5.2	4.1
4	17.1	25.4	20.5	78.7	0.0	0.0	0.0	4.9
5	16.8	26.5	21.3	77.3	0.0	0.0	0.0	4.8
6	16.0	26.1	20.5	77.3	0.0	.1	.1	4.8
7	16.9	26.4	20.7	77.7	0.0	0.0	0.0	4.6
8	15.8	26.1	20.8	76.3	0.0	0.0	0.0	5.3
9	16.0	26.4	21.1	76.0	0.0	0.0	0.0	5.5
10	15.8	27.8	21.3	72.3	0.0	0.0	0.0	5.1
11	16.8	24.8	19.4	84.7	18.3	3.3	21.6	1.4
12	17.0	26.2	20.0	81.7	17.0	0.0	17.0	5.0
13	16.7	25.9	20.5	78.3	2.0	7.9	9.9	4.2
14	16.8	24.5	19.4	86.0	1.9	.1	2.0	3.9
15	15.8	26.1	19.7	76.7	.6	0.0	.6	5.7
16	13.7	27.9	19.0	76.7	5.0	0.0	5.0	9.0
17	15.1	24.9	20.0	79.7	0.0	0.0	0.0	4.1
18	14.9	25.2	19.4	80.0	0.0	0.0	0.0	2.7
19	16.0	25.0	19.6	82.3	4.3	14.1	18.4	3.8
20	16.2	26.1	20.5	76.7	0.0	25.7	25.7	5.5
21	15.8	26.2	21.1	71.3	0.0	0.0	0.0	7.2
22	15.7	26.7	21.5	69.7	0.0	0.0	0.0	6.1
23	14.5	28.4	21.7	69.3	0.0	0.0	0.0	7.9
24	15.0	26.2	21.3	75.3	0.0	0.0	0.0	5.8
25	15.0	28.5	21.9	70.7	0.0	0.0	0.0	7.2
26	15.2	26.0	21.5	72.7	0.0	0.0	0.0	5.9
27	15.8	24.1	20.7	79.7	0.0	0.0	0.0	4.0
28	14.8	28.5	22.5	71.0	0.0	0.0	0.0	8.0
29	15.8	28.4	22.1	74.0	0.0	0.0	0.0	7.7
30	16.8	26.2	21.5	75.7	0.0	0.0	0.0	3.1
31	16.2	27.0	21.3	80.0	0.0	0.0	0.0	5.4
TOTAL					58.9	64.9	123.8	162.5
PROMEDIO	15.9	26.3	20.7	77.1				

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	26.8	20.5	79.0	2.2	0.0	2.2	6.0
2	15.0	25.9	20.6	75.3	0.0	7.3	7.3	4.6
3	14.9	21.4	18.2	89.3	.7	0.0	.7	.5
4	14.2	23.5	19.8	76.0	0.0	0.0	0.0	2.4
5	14.0	26.5	20.3	76.7	7.8	5.1	12.9	5.4
6	15.0	27.2	21.6	73.7	0.0	0.0	0.0	6.4
7	15.0	26.0	20.5	80.0	0.0	0.0	0.0	3.8
8	15.0	26.9	20.3	82.3	2.4	0.0	2.4	6.2
9	14.9	26.8	20.8	78.0	0.0	0.0	0.0	6.8
10	15.5	28.4	22.3	76.3	0.0	0.0	0.0	8.4
11	15.8	26.2	21.4	78.0	0.0	0.0	0.0	2.1
12	17.4	27.2	21.8	73.7	0.0	0.0	0.0	3.3
13	17.5	27.0	21.2	78.0	0.0	0.0	0.0	4.8
14	16.5	28.0	22.3	73.7	0.0	0.0	0.0	4.9
15	16.4	27.0	22.0	72.3	0.0	.6	.6	3.5
16	17.5	25.0	20.8	79.0	0.0	0.0	0.0	3.4
17	16.0	27.2	21.9	76.7	0.0	0.0	0.0	1.9
18	17.4	26.8	20.8	81.0	7.4	0.0	7.4	3.9
19	17.0	26.9	20.3	83.0	14.0	0.0	14.0	3.7
20	18.0	26.8	21.6	76.0	0.0	8.5	8.5	3.5
21	16.8	27.0	21.7	72.7	0.0	0.0	0.0	5.4
22	16.0	28.9	22.5	70.7	0.0	0.0	0.0	6.2
23	17.8	28.8	23.0	69.7	0.0	0.0	0.0	5.1
24	18.0	29.8	23.2	63.0	0.0	0.0	0.0	6.4
25	16.7	29.0	23.2	62.7	0.0	0.0	0.0	
26	17.8	26.5	21.9	76.7	0.0	0.0	0.0	2.0
27	17.5	27.5	21.2	79.3	0.0	0.0	0.0	3.7
28	16.9	26.0	19.9	84.0	11.4	0.0	11.4	1.3
29								
30								
31								
TOTAL					45.9	21.5	67.4	
PROMEDIO	16.3	26.8	21.2	76.3				

ESTACION: LA BELLA

DPTO: QUINDIO

LATITUD : 04° 30'N

AÑO: 1991

MPIO: CALARCA

LONGITUD: 75° 40'W
ALTITUD : 1450 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	24.4	19.3	83.0	18.3	1.5	19.8	2.4
2	16.8	26.1	20.6	77.3	0.0	.1	.1	1.7
3	16.0	27.5	21.8	71.7	0.0	0.0	0.0	6.4
4	16.8	28.0	21.3	71.0	0.0	12.2	12.2	6.9
5	15.8	27.0	20.6	76.0	0.0	1.5	1.5	4.9
6	16.0	26.9	20.5	77.0	0.0	50.0	50.0	4.8
7	16.5	26.5	19.4	81.7	10.4	.6	11.0	3.1
8	16.0	27.2	21.9	71.3	0.0	9.0	9.0	4.3
9	16.8	25.4	20.1	82.3	25.0	5.0	30.0	3.8
10	17.0	23.4	20.0	88.7	3.2	0.0	3.2	.7
11	17.1	26.0	20.6	82.3	.3	0.0	.3	3.6
12	16.0	23.0	19.8	85.0	1.3	0.0	1.3	0.0
13	15.8	26.4	20.5	80.3	0.0	1.7	1.7	1.8
14	16.9	26.0	19.1	81.7	4.5	0.0	4.5	2.8
15	14.0	24.2	19.6	84.0	0.0	0.0	0.0	4.9
16	16.8	27.0	20.2	82.3	11.9	.1	12.0	3.7
17	16.9	26.8	20.6	81.0	.6	0.0	.6	5.7
18	16.5	27.5	22.4	73.3	0.0	0.0	0.0	3.6
19	16.0	28.2	21.7	72.3	0.0	0.0	0.0	6.8
20	17.0	28.0	22.3	70.3	0.0	0.0	0.0	8.0
21	16.0	28.2	22.1	72.0	0.0	0.0	0.0	7.8
22	17.0	27.0	20.9	81.7	.1	0.0	.1	4.5
23	16.5	26.4	20.9	82.7	28.5	37.0	65.5	2.6
24	16.9	25.0	20.8	81.0	.5	5.1	5.6	3.4
25	17.0	26.2	19.7	84.3	0.0	71.5	71.5	5.4
26	16.7	21.8	18.2	87.0	0.0	24.0	24.0	.2
27	15.2	22.9	18.1	88.3	0.0	0.0	0.0	.7
28	15.5	20.0	16.3	96.0	45.0	0.0	45.0	6.3
29	13.5	25.5	19.1	77.0	0.0	0.0	0.0	0.0
30	15.0	26.2	21.2	73.3	0.0	2.5	2.5	7.2
31	15.2	23.1	18.1	81.0	15.2	0.0	15.2	2.2
TOTAL PROMEDIO	16.2	25.7	20.2	79.9	164.8	221.8	386.6	120.2

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.4	26.2	20.4	76.7	0.0	.1	.1	7.5
2	17.0	26.5	21.1	73.7	3.7	0.0	3.7	5.6
3	15.0	26.0	20.7	76.7	0.0	0.0	0.0	5.4
4	16.0	27.0	21.3	74.7	0.0	0.0	0.0	6.1
5	16.5	26.0	21.1	77.0	0.0	1.6	1.6	4.0
6	17.0	27.0	21.2	75.7	0.0	.3	.3	3.8
7	17.8	25.0	21.4	74.3	.6	.1	.7	3.9
8	17.5	24.5	19.5	87.3	4.7	14.9	19.6	.8
9	16.0	25.2	20.4	77.0	0.0	7.9	7.9	4.0
10	16.5	26.0	21.0	81.0	0.0	0.0	0.0	3.9
11	17.0	26.8	20.8	80.7	.3	0.0	.3	3.3
12	17.5	23.0	18.7	90.7	3.5	0.0	3.5	.7
13	16.6	26.0	20.4	77.7	0.0	1.2	1.2	5.4
14	17.0	27.2	20.0	79.3	9.3	10.7	20.0	7.3
15	14.8	27.0	21.3	73.0	0.0	0.0	0.0	7.9
16	15.8	27.2	22.3	71.7	0.0	0.0	0.0	7.0
17	16.0	27.0	21.5	73.3	0.0	0.0	0.0	4.7
18	15.0	26.9	22.1	68.7	0.0	.9	.9	6.5
19	15.5	26.5	20.8	76.3	0.0	0.0	0.0	5.2
20	16.5	27.2	20.9	81.7	1.1	0.0	1.1	5.8
21	16.8	26.0	21.5	82.0	0.0	0.0	0.0	3.8
22	16.0	26.5	22.2	78.7	0.0	0.0	0.0	3.3
23	18.0	25.0	21.3	85.0	.8	.7	1.5	2.3
24	17.0	27.2	23.0	76.7	0.0	0.0	0.0	6.3
25	17.8	27.0	21.7	79.7	0.0	0.0	0.0	5.1
26	16.8	25.0	20.3	82.7	0.0	0.0	0.0	3.3
27	15.8	25.5	19.4	84.3	7.7	0.0	7.7	2.4
28	16.8	25.2	19.2	86.0	21.2	.2	21.4	.6
29	15.0	24.4	20.0	84.0	0.0	0.0	0.0	2.5
30	16.5	26.4	19.5	84.7	48.9	0.0	48.9	3.3
31								
TOTAL PROMEDIO	16.4	26.1	20.8	79.0	101.8	38.6	140.4	131.7

ESTACION: LA BELLA

DPTO: QUINDIO

LATITUD : 04° 30'N

AÑO: 1991

MPIO: CALARCA

LONGITUD: 75° 40'W

ALTITUD : 1450 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	25.4	20.0	76.7	0.0	0.0	0.0	
2	16.4	26.5	21.3	78.0	0.0	0.0	0.0	
3	17.8	22.9	19.8	88.7	2.8	14.7	17.5	
4	17.0	25.0	20.4	80.3	0.0	.4	.4	
5	18.0	23.5	20.1	87.7	.2	0.0	.2	
6	16.5	26.4	21.4	75.3	0.0	0.0	0.0	
7	16.8	25.0	21.5	78.0	0.0	0.0	0.0	
8	17.0	28.2	22.8	75.3	0.0	0.0	0.0	
9	17.5	25.5	20.9	81.7	5.8	0.0	5.8	
10	17.0	26.4	21.1	82.3	0.0	3.8	3.8	
11	17.2	25.0	21.4	78.7	0.0	0.0	0.0	
12	18.0	25.2	20.2	88.7	5.8	1.9	7.7	
13	16.8	26.9	21.1	80.7	0.0	0.0	0.0	
14	18.4	23.8	20.3	86.3	5.5	0.0	5.5	
15	18.0	26.2	21.6	79.3	0.0	0.0	0.0	
16	18.5	23.8	20.7	89.3	.7	29.9	30.6	
17	17.5	21.0	17.7	91.3	18.2	9.5	27.7	
18	16.1	21.4	18.2	89.7	5.3	.5	5.8	
19	16.0	23.5	19.3	84.7	0.0	10.8	10.8	
20	15.5	22.5	18.8	86.0	1.3	14.1	15.4	
21	16.0	23.0	18.6	86.7	.5	0.0	.5	
22	16.4	22.0	18.1	92.0	.2	0.0	.2	
23	15.9	24.5	19.1	83.3	3.7	11.9	15.6	
24	16.0	23.2	19.6	83.0	.7	0.0	.7	
25	15.0	26.2	20.5	79.3	0.0	0.0	0.0	
26	16.6	26.3	20.6	80.3	17.5	2.3	19.8	
27	15.4	27.5	21.4	78.7	0.0	0.0	0.0	
28	17.8	27.0	22.6	74.0	0.0	0.0	0.0	
29	17.6	26.0	22.8	75.7	0.0	.2	.2	
30	18.8	24.2	20.3	87.7	.6	0.0	.6	
31	17.0	25.4	20.2	84.0	.4	.5	.9	
TOTAL PROMEDIO	16.9	24.8	20.4	82.7	69.2	100.5	169.7	

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	25.0	21.0	83.3	.1	0.0	.1	1.2
2	16.5	24.9	20.7	81.0	0.0	5.5	5.5	2.0
3	17.2	25.2	20.5	82.3	0.0	0.0	0.0	3.4
4	16.7	27.0	21.2	78.3	0.0	0.0	0.0	6.0
5	17.8	25.0	20.0	89.7	0.0	0.0	0.0	1.5
6	16.8	26.0	20.8	83.7	0.0	0.0	0.0	3.2
7	17.7	27.5	23.0	78.7	0.0	0.0	0.0	7.9
8	16.0	25.0	21.4	82.7	0.0	0.0	0.0	4.7
9	16.8	27.5	22.2	78.0	0.0	0.0	0.0	7.6
10	16.0	28.3	22.6	76.0	0.0	0.0	0.0	4.3
11	16.2	29.0	23.6	74.0	0.0	0.0	0.0	8.8
12	16.5	28.0	22.8	70.3	0.0	0.0	0.0	8.3
13	17.5	26.0	22.2	80.0	0.0	0.0	0.0	3.9
14	18.0	24.8	21.0	84.0	0.0	0.0	0.0	1.4
15	17.8	26.2	20.1	84.7	.2	.1	.3	4.9
16	17.0	21.9	19.5	87.7	1.0	.2	1.2	.1
17	16.9	25.2	21.3	83.0	2.0	0.0	2.0	2.9
18	16.0	27.0	19.8	81.7	51.7	2.1	53.8	5.7
19	16.2	25.0	21.3	87.0	1.6	0.0	1.6	2.9
20	15.5	25.5	20.9	83.0	3.1	.1	3.2	3.2
21	17.8	24.2	20.1	85.3	.1	0.0	.1	2.5
22	16.9	24.7	20.0	82.7	0.0	.3	.3	2.5
23	18.0	24.2	21.0	84.3	0.0	.1	.1	2.8
24	17.0	25.0	20.1	88.7	1.0	0.0	1.0	2.2
25	16.0	24.1	20.1	81.3	0.0	0.0	0.0	3.4
26	17.0	24.2	19.4	84.0	0.0	4.1	4.1	2.3
27	16.8	23.2	19.6	87.7	.4	5.0	5.4	1.4
28	16.9	23.5	19.8	87.3	0.0	0.0	0.0	2.2
29	15.8	23.2	19.6	85.3	.3	0.0	.3	1.6
30	16.4	26.1	20.0	82.3	0.0	.1	.1	3.6
31								
TOTAL PROMEDIO	16.9	25.4	20.8	82.6	61.5	17.6	79.1	108.4

ESTACION: LA BELLA

DPTO: QUINDIO

LATITUD : 04° 30'N

AÑO: 1991

MPIO: CALARCA

LONGITUD: 75° 40'W
ALTITUD : 1450 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	25.6	21.1	83.0	0.0	0.0	0.0	3.1
2	16.8	26.2	22.0	76.7	0.0	0.0	0.0	6.4
3	16.5	25.5	20.9	81.3	0.0	0.0	0.0	3.7
4	17.0	24.1	20.4	83.3	.2	8.6	8.8	.5
5	17.2	23.2	18.6	89.0	10.2	4.2	14.4	1.0
6	16.2	24.1	20.3	78.3	.3	7.3	7.6	4.1
7	16.8	24.3	20.0	86.0	.5	0.0	.5	1.9
8	16.5	24.8	21.3	79.0	0.0	2.4	2.4	2.7
9	17.0	25.2	21.1	83.7	0.0	.2	.2	4.1
10	16.5	24.2	20.1	83.0	0.0	0.0	0.0	2.7
11	16.0	25.0	20.5	81.3	0.0	0.0	0.0	4.9
12	16.8	25.5	20.6	79.7	0.0	0.0	0.0	3.2
13	15.8	25.0	20.9	79.7	0.0	0.0	0.0	5.1
14	14.8	26.2	21.1	76.3	0.0	0.0	0.0	6.8
15	15.8	27.8	21.6	78.0	0.0	0.0	0.0	3.6
16	17.8	28.0	22.6	61.7	0.0	0.0	0.0	4.5
17	15.5	27.0	21.3	74.7	0.0	0.0	0.0	7.1
18	16.2	26.2	21.5	79.7	0.0	0.0	0.0	5.3
19	16.8	29.2	22.2	62.3	0.0	0.0	0.0	7.9
20	16.0	25.1	20.7	78.7	0.0	0.0	0.0	3.2
21	17.0	25.9	21.0	80.0	0.0	0.0	0.0	3.9
22	15.0	28.2	22.2	72.0	0.0	0.0	0.0	8.7
23	16.0	27.5	22.6	72.7	0.0	0.0	0.0	6.0
24	16.2	24.6	20.8	81.3	0.0	0.0	0.0	.4
25	15.2	27.2	21.8	69.0	0.0	0.0	0.0	5.7
26	16.0	23.2	20.1	80.3	0.0	0.0	0.0	2.9
27	17.0	25.1	20.6	78.7	0.0	0.0	0.0	2.7
28	15.0	23.6	20.0	80.7	0.0	0.0	0.0	2.0
29	16.8	26.0	20.8	78.7	0.0	0.0	0.0	2.7
30	17.5	22.8	18.3	86.3	5.4	40.2	45.6	.2
31	16.0	19.2	17.0	93.7	1.3	15.6	16.9	.2
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.3	25.3	20.7	79.0	17.9	78.5	96.4	117.2

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.0	22.2	18.7	86.3	1.2	0.0	1.2	1.1
2	15.2	25.0	19.7	83.0	.6	6.7	7.3	4.0
3	16.0	27.0	20.8	71.3	0.0	0.0	0.0	5.4
4	14.0	25.4	21.0	73.7	0.0	0.0	0.0	8.3
5	15.8	24.0	20.1	80.7	0.0	0.0	0.0	1.8
6	17.0	25.8	21.4	76.0	0.0	.2	.2	3.9
7	16.5	24.3	20.3	80.7	.2	5.2	5.4	4.0
8	16.8	25.0	19.9	80.3	0.0	3.5	3.5	3.3
9	16.0	23.1	19.2	84.0	.3	.6	.9	2.4
10	16.2	26.2	20.7	78.7	0.0	0.0	0.0	9.5
11	13.4	26.9	20.9	64.3	0.0	0.0	0.0	2.4
12	16.5	28.8	21.7	57.0	0.0	0.0	0.0	4.3
13	15.8	27.2	22.0	52.0	0.0	0.0	0.0	7.6
14	17.1	25.2	21.3	67.0	0.0	0.0	0.0	3.1
15	17.0	26.0	21.7	59.7	0.0	0.0	0.0	2.8
16	14.0	25.9	20.9	65.0	0.0	0.0	0.0	4.2
17	15.0	24.8	19.8	81.3	0.0	0.0	0.0	4.3
18	16.0	28.0	21.2	75.3	0.0	0.0	0.0	5.7
19	14.9	26.8	20.6	77.0	0.0	0.0	0.0	4.3
20	14.6	26.4	21.5	70.7	0.0	0.0	0.0	8.7
21	15.0	25.8	21.9	69.3	0.0	0.0	0.0	4.3
22	14.2	26.4	22.1	64.0	0.0	0.0	0.0	6.7
23	14.5	25.4	20.9	66.0	0.0	0.0	0.0	4.6
24	16.8	28.2	22.8	59.0	0.0	0.0	0.0	7.1
25	15.8	28.0	22.6	60.0	0.0	0.0	0.0	9.3
26	14.0	30.0	22.6	62.3	0.0	0.0	0.0	8.3
27	15.0	28.2	22.5	69.7	0.0	0.0	0.0	4.5
28	16.0	28.0	22.6	56.0	0.0	0.0	0.0	6.3
29	13.5	29.2	22.7	54.7	0.0	0.0	0.0	9.4
30	14.5	26.3	20.6	68.7	0.0	0.0	0.0	2.9
31	16.0	25.4	21.2	68.7	0.0	.1	.1	3.4
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	15.4	26.3	21.1	69.8	2.3	16.3	18.6	157.9

ESTACION: LA BELLA

DPTO: QUINDIO

LATITUD : 04° 30'N

AÑO: 1991

MPIO: CALARCA

LONGITUD: 75° 40'W
ALTITUD : 1450 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	26.4	21.0	66.7	0.0	0.0	0.0	3.8
2	15.0	29.5	22.7	66.0	0.0	0.0	0.0	9.1
3	14.8	25.0	20.6	79.0	0.0	0.0	0.0	1.5
4	15.0	30.2	22.6	68.7	0.0	0.0	0.0	8.3
5	14.8	28.9	22.0	73.3	0.0	0.0	0.0	7.9
6	15.7	27.0	22.7	67.3	0.0	0.0	0.0	4.4
7	15.6	30.0	22.2	69.0	0.0	0.0	0.0	6.2
8	15.0	28.9	22.5	70.7	0.0	0.0	0.0	8.5
9	15.1	31.0	23.5	65.3	0.0	0.0	0.0	7.3
10	16.5	30.2	23.8	55.7	0.0	0.0	0.0	5.5
11	20.0	28.5	23.4	43.3	0.0	0.0	0.0	5.3
12	15.2	29.0	23.2	53.0	0.0	0.0	0.0	5.7
13	14.8	27.2	22.0	65.3	0.0	0.0	0.0	6.8
14	15.0	25.2	21.3	73.3	0.0	1.5	1.5	3.6
15	17.0	24.0	19.4	84.0	.9	22.0	22.9	.6
16	15.8	21.5	18.2	84.0	11.3	1.1	12.4	.4
17	16.0	25.2	19.6	79.0	1.0	0.0	1.0	3.0
18	16.9	24.8	20.2	79.3	0.0	12.9	12.9	1.4
19	16.5	24.0	19.8	83.3	2.2	.8	3.0	3.3
20	17.0	20.0	16.9	94.7	16.1	2.2	18.3	0.0
21	14.0	23.8	19.6	82.0	0.0	0.0	0.0	3.8
22	16.0	23.9	17.8	90.3	38.2	7.0	45.2	1.8
23	14.9	23.2	20.0	78.7	0.0	.2	.2	1.0
24	16.8	22.5	19.3	84.3	1.7	0.0	1.7	1.3
25	16.4	25.5	19.7	81.7	.5	0.0	.5	2.7
26	15.5	24.0	20.3	80.0	0.0	0.0	0.0	1.3
27	15.9	25.5	19.3	81.0	1.4	0.0	1.4	1.4
28	16.0	26.7	19.3	82.0	1.2	.4	1.6	5.3
29	17.0	24.1	20.7	81.0	.2	3.8	4.0	2.6
30	15.4	26.2	19.8	78.3	0.0	1.8	1.8	4.8
31								
TOTAL					74.7	53.7	128.4	118.6
PROMEDIO	15.9	26.1	20.8	74.7				

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	23.8	19.8	81.7	.7	0.0	.7	4.1
2	16.0	25.2	19.7	82.0	.3	7.2	7.5	3.5
3	15.5	25.0	20.1	79.3	0.0	1.3	1.3	6.5
4	15.8	24.9	20.1	78.7	0.0	0.0	0.0	5.7
5	13.9	25.1	20.0	76.0	0.0	19.0	19.0	6.2
6	16.0	25.9	20.6	72.7	.1	16.5	16.6	5.6
7	15.1	25.2	19.2	78.3	2.9	.2	3.1	2.5
8	15.0	25.0	18.8	79.3	26.6	55.6	82.2	.4
9	15.2	22.4	19.0	87.0	5.6	0.0	5.6	2.4
10	16.0	22.5	18.6	87.0	.6	0.0	.6	6.8
11	15.0	24.0	18.9	82.0	.2	0.0	.2	1.9
12	14.0	25.2	20.5	75.0	0.0	4.4	4.4	5.3
13	15.5	25.0	19.7	78.0	1.0	0.0	1.0	5.7
14	13.8	25.9	18.5	82.0	9.0	2.7	11.7	9.0
15	12.5	26.0	20.4	70.0	0.0	0.0	0.0	9.4
16	14.8	26.4	21.2	72.0	0.0	0.0	0.0	6.4
17	15.8	25.7	21.1	77.3	0.0	0.0	0.0	2.0
18	17.5	22.9	19.3	82.3	0.0	0.0	0.0	2.6
19	16.0	23.5	19.5	84.0	0.0	0.0	0.0	8.3
20	13.8	27.2	21.5	61.3	0.0	0.0	0.0	9.7
21	13.0	27.8	21.4	64.0	0.0	0.0	0.0	7.0
22	14.5	26.5	21.2	74.3	0.0	0.0	0.0	6.3
23	14.8	26.3	20.9	73.0	0.0	0.0	0.0	3.5
24	15.0	25.0	21.1	79.0	0.0	0.0	0.0	3.9
25	14.9	25.8	20.2	79.7	0.0	0.0	0.0	3.7
26	16.0	25.9	19.7	82.0	1.5	0.0	1.5	1.5
27	15.8	24.1	19.5	80.3	0.0	0.0	0.0	4.0
28	15.0	25.2	19.1	79.7	0.0	0.0	0.0	6.5
29	13.4	25.4	19.4	78.7	0.0	1.8	1.8	1.9
30	17.0	24.5	20.3	77.7	0.0	0.0	0.0	1.1
31	16.0	23.4	18.7	83.3	10.3	0.0	10.3	3.4
TOTAL					58.8	108.7	167.5	146.8
PROMEDIO	15.1	25.1	19.9	78.0				

ESTACION: LA BELLA

DPTO: QUINDIO

LATITUD : 04° 30'N

AÑO: 1991

MPIO: CALARCA

LONGITUD : 75° 40'W

ALTITUD : 1450 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.8	24.9	19.5	81.0	0.0	0.0	0.0	3.2
2	17.0	23.2	19.6	81.0	0.0	0.0	0.0	.9
3	15.2	24.4	19.2	81.3	3.3	.5	3.8	2.0
4	16.8	22.2	19.0	84.7	0.0	.3	.3	1.2
5	16.0	25.5	19.8	80.0	0.0	.3	.3	.8
6	16.5	25.3	18.5	83.3	74.5	.1	74.6	2.4
7	15.0	24.8	18.5	82.0	6.1	3.3	9.4	4.1
8	15.8	20.2	17.6	96.0	26.3	69.2	95.5	.3
9	15.5	23.0	17.8	88.7	13.4	6.3	19.7	1.4
10	15.0	22.9	18.0	88.0	18.3	12.9	31.2	1.8
11	15.5	25.5	19.1	77.3	.5	4.0	4.5	5.3
12	16.8	26.0	19.4	85.0	20.9	49.0	69.9	5.6
13	16.6	23.7	19.0	83.7	.6	8.2	8.8	2.2
14	15.9	24.2	19.3	82.0	3.8	57.8	61.6	3.6
15	15.7	21.6	17.7	89.3	8.6	.4	9.0	.9
16	14.4	23.7	19.0	81.3	0.0	0.0	0.0	4.8
17	15.7	25.0	19.1	81.3	0.0	0.0	0.0	2.8
18	14.0	25.2	19.9	79.3	0.0	0.0	0.0	4.5
19	15.8	23.2	19.5	82.0	0.0	0.0	0.0	2.2
20	15.0	25.0	19.1	80.0	1.2	0.0	1.2	4.0
21	16.0	24.9	19.6	84.0	0.0	.1	.1	1.6
22	16.1	25.0	20.5	80.3	0.0	0.0	0.0	3.1
23	16.0	26.0	21.5	75.3	0.0	0.0	0.0	4.2
24	15.9	25.2	20.1	81.7	28.8	74.9	103.7	2.3
25	16.2	20.2	17.7	91.7	1.2	0.0	1.2	0.0
26	15.0	26.0	21.0	74.7	0.0	0.0	0.0	4.8
27	16.0	25.0	20.6	80.3	0.0	0.0	0.0	1.4
28	17.0	23.5	20.3	85.7	0.0	1.9	1.9	.6
29	17.5	22.0	19.3	90.0	0.0	0.0	0.0	0.0
30	16.8	24.4	20.3	80.7	7.6	0.0	7.6	4.1
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.8	24.1	19.3	83.1	215.1	289.2	504.3	76.1

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.1	25.4	20.0	79.7	.4	0.0	.4	2.4
2	16.0	23.2	19.4	85.0	4.5	35.7	40.2	.4
3	17.0	24.0	19.6	85.0	1.4	0.0	1.4	2.4
4	16.0	26.0	20.1	77.7	.5	7.2	7.7	5.4
5	16.8	21.4	18.0	89.0	1.9	0.0	1.9	.1
6	13.5	24.9	18.8	82.0	0.0	0.0	0.0	4.8
7	15.0	25.9	21.0	78.3	0.0	.1	.1	4.5
8	17.1	26.2	21.1	77.3	10.5	38.7	49.2	4.0
9	16.8	21.4	17.4	92.7	54.4	0.0	54.4	.5
10	14.2	24.5	19.8	78.7	0.0	0.0	0.0	4.2
11	14.8	25.2	20.2	78.0	0.0	.3	.3	3.5
12	15.2	26.1	20.3	80.7	.8	19.4	20.2	4.5
13	16.8	25.2	20.2	79.0	0.0	0.0	0.0	5.6
14	17.0	23.2	19.8	86.7	21.0	11.9	32.9	.5
15	16.9	23.1	19.8	83.7	0.0	.5	.5	.8
16	16.8	24.2	20.6	78.0	0.0	8.7	8.7	1.7
17	16.9	20.7	17.9	92.0	1.2	0.0	1.2	0.0
18	14.9	24.9	19.0	84.3	2.9	35.1	38.0	3.5
19	16.4	26.2	20.7	80.3	0.0	0.0	0.0	4.6
20	18.0	25.3	21.2	78.0	0.0	0.0	0.0	4.9
21	16.0	25.9	20.2	85.3	2.3	.2	2.5	4.4
22	16.8	23.0	19.3	90.7	12.0	1.6	13.6	.9
23	17.0	24.9	20.4	83.3	0.0	0.0	0.0	4.9
24	15.7	25.2	20.2	79.3	0.0	0.0	0.0	5.0
25	15.2	25.0	20.7	78.3	.2	.1	.3	5.1
26	15.4	25.4	20.3	79.0	0.0	0.0	0.0	5.0
27	14.9	25.5	20.7	80.0	0.0	0.0	0.0	5.0
28	15.8	25.0	18.0	84.7	0.0	26.1	26.1	3.6
29	15.1	22.1	18.5	90.0	.4	0.0	.4	1.9
30	13.4	26.0	20.0	78.0	0.0	0.0	0.0	5.6
31	14.0	25.9	21.5	77.3	0.0	0.0	0.0	8.2
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.8	24.5	19.8	82.3	114.4	185.6	300.0	107.9

Estación: LA BELLA

Dpto.: QUINDIO

Latitud : 04° 30'N

Año: 1991

Mpio.: CALARCA

Longitud: 75° 40'W

Altitud : 1450 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	15.9	26.3	20.7	13.7	28.5	77.1	123.8	12	162.5
FEBRERO	16.3	26.8	21.2	14.0	29.8	76.3	67.4	10	
MARZO	16.2	25.7	20.2	13.5	28.2	79.9	386.6	23	120.2
ABRIL	16.4	26.1	20.8	13.4	27.2	79.0	140.4	17	131.7
MAYO	16.9	24.8	20.4	14.8	28.2	82.7	169.7	20	
JUNIO	16.9	25.4	20.8	15.5	29.0	82.6	79.1	16	108.4
JULIO	16.3	25.3	20.7	14.8	29.2	79.0	96.4	8	117.2
AGOSTO	15.4	26.3	21.1	13.4	30.0	69.8	18.6	7	157.9
SEPTIEMBRE	15.9	26.1	20.8	14.0	31.0	74.7	128.4	15	118.6
OCTUBRE	15.1	25.1	19.9	12.5	27.8	78.0	167.5	16	146.8
NOVIEMBRE	15.8	24.1	19.3	13.8	26.0	83.1	504.3	19	76.1
DICIEMBRE	15.8	24.5	19.8	13.4	26.2	82.3	300.0	20	107.9
PROMEDIO	16.1	25.5	20.5			78.7			
ABSOLUTA				12.5	31.0				
TOTAL							2182.2	183	

ESTACION: PARAGUAICITO

DPTO: QUINDIO

LATITUD : 04° 23'N

AÑO: 1991

MPIO: BUENAVISTA

LONGITUD: 75° 44'W

ALTITUD : 1250 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	28.2	22.4	72.3	0.0	.1	.1	8.0
2	18.2	30.0	22.5	76.0	.1	.6	.7	8.0
3	19.0	29.2	23.0	77.3	0.0	10.2	10.2	3.7
4	19.1	29.0	23.4	77.7	0.0	0.0	0.0	4.7
5	18.8	30.0	23.8	74.7	0.0	0.0	0.0	6.1
6	17.5	29.8	23.1	78.0	0.0	16.0	16.0	5.8
7	19.0	29.4	23.2	77.7	0.0	0.0	0.0	5.8
8	16.9	30.1	23.1	72.3	0.0	0.0	0.0	7.2
9	17.8	30.2	23.2	76.0	0.0	0.0	0.0	6.0
10	16.7	31.2	22.8	75.3	0.0	0.0	0.0	5.5
11	18.1	27.6	23.0	78.7	0.0	2.1	2.1	2.5
12	18.6	29.5	23.0	79.0	.2	.9	1.1	6.5
13	18.7	29.4	22.1	81.0	4.7	.4	5.1	4.6
14	18.6	28.4	22.5	78.0	.7	14.1	14.8	4.7
15	17.9	29.9	21.8	77.7	5.8	0.0	5.8	5.8
16	14.8	30.6	23.2	64.7	0.0	0.0	0.0	10.3
17	16.3	27.0	21.6	79.0	0.0	0.0	0.0	2.8
18	16.9	29.2	21.3	78.0	0.0	.2	.2	6.0
19	17.5	27.6	22.2	78.0	0.0	2.9	2.9	4.4
20	18.0	29.9	23.0	73.0	12.8	5.1	17.9	6.4
21	18.2	30.8	23.6	69.3	0.0	0.0	0.0	8.9
22	18.0	30.2	23.5	74.3	0.0	0.0	0.0	8.6
23	15.1	30.4	23.0	69.0	0.0	0.0	0.0	9.4
24	16.9	30.0	22.7	74.0	0.0	0.0	0.0	7.0
25	16.6	31.2	23.4	71.3	0.0	0.0	0.0	8.7
26	15.9	30.0	22.3	76.0	0.0	0.0	0.0	6.9
27	17.0	29.0	22.5	77.0	0.0	0.0	0.0	3.9
28	15.7	32.0	23.8	69.0	0.0	0.0	0.0	9.2
29	16.8	32.2	24.1	68.7	0.0	0.0	0.0	8.5
30	17.4	30.1	23.7	73.3	0.0	0.0	0.0	4.0
31	17.8	31.0	24.2	66.0	0.0	0.0	0.0	6.7
TOTAL PROMEDIO	17.4	29.8	22.9	74.6	24.3	52.6	76.9	196.6

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	30.9	22.4	76.0	.8	0.0	.8	7.1
2	17.0	29.0	23.1	72.0	0.0	9.3	9.3	5.5
3	16.4	25.0	20.2	86.3	14.1	0.0	14.1	1.2
4	16.8	26.4	22.1	75.0	.3	0.0	.3	3.8
5	15.5	29.2	23.2	69.0	0.0	0.0	0.0	7.5
6	16.9	31.0	24.4	67.7	0.0	0.0	0.0	8.1
7	17.0	29.2	23.0	70.0	0.0	0.0	0.0	4.6
8	17.1	30.5	23.8	70.3	0.0	0.0	0.0	8.0
9	16.8	31.0	23.2	72.3	0.0	0.0	0.0	6.7
10	17.0	32.0	24.7	69.3	0.0	0.0	0.0	9.1
11	18.2	30.2	24.1	72.7	0.0	0.0	0.0	5.0
12	19.3	30.6	23.7	76.0	0.0	0.0	0.0	4.2
13	18.4	30.9	23.3	75.0	0.0	0.0	0.0	5.9
14	17.7	30.2	23.8	74.3	0.0	0.0	0.0	5.4
15	18.0	30.1	24.1	74.3	0.0	0.0	0.0	6.1
16	18.7	27.7	22.7	77.7	0.0	0.0	0.0	1.8
17	17.0	30.0	24.5	69.0	0.0	.3	.3	5.7
18	18.9	29.9	22.0	80.3	20.1	0.0	20.1	3.0
19	18.6	30.6	22.0	82.3	12.5	0.0	12.5	4.6
20	18.1	29.9	24.0	71.0	0.0	.4	.4	5.4
21	18.2	30.8	23.8	71.7	0.0	0.0	0.0	7.4
22	17.0	30.5	24.0	69.3	0.0	0.0	0.0	6.8
23	18.9	31.2	24.7	69.7	0.0	0.0	0.0	7.3
24	19.0	29.9	25.3	61.0	0.0	0.0	0.0	5.2
25	17.0	33.2	24.8	68.0	0.0	0.0	0.0	6.5
26	18.6	30.1	23.9	76.0	0.0	0.0	0.0	3.4
27	18.4	30.5	22.3	78.3	0.0	0.0	0.0	5.5
28	16.9	28.8	21.2	81.3	9.3	0.0	9.3	2.8
29								
30								
31								
TOTAL PROMEDIO	17.7	30.0	23.3	73.4	57.1	10.0	67.1	153.6

ESTACION: PARAGUAICITO

DPTO: QUINDIO

LATITUD : 04° 23'N

LONGITUD : 75° 44'W

AÑO: 1991

MPIO: BUENAVISTA

ALTITUD : 1250 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.5	27.7	21.5	82.7	11.6	27.7	39.3	3.3
2	18.0	27.4	21.6	84.0	1.2	3.5	4.7	2.0
3	17.2	30.4	23.8	72.3	0.0	0.0	0.0	8.2
4	18.0	32.0	23.7	73.3	0.0	22.9	22.9	7.8
5	18.4	30.0	22.9	79.3	0.0	0.0	0.0	4.0
6	18.0	31.4	24.3	69.7	0.0	0.0	0.0	7.7
7	19.2	29.9	22.2	81.3	0.0	.4	.4	3.5
8	18.2	30.0	23.4	74.7	0.0	2.0	2.0	5.9
9	18.4	28.3	22.1	81.7	.3	7.6	7.9	5.0
10	19.0	25.5	21.6	89.7	7.5	.2	7.7	.3
11	18.2	30.5	22.3	78.7	1.5	0.0	1.5	5.1
12	18.6	25.2	21.0	92.7	2.2	0.0	2.2	.1
13	17.4	29.5	22.7	78.3	.5	6.5	7.0	2.9
14	17.5	28.6	21.0	82.3	7.7	0.0	7.7	3.6
15	15.9	28.0	20.6	80.7	0.0	0.0	0.0	5.7
16	17.2	30.2	22.0	81.7	14.4	0.0	14.4	5.4
17	18.2	29.9	22.0	82.0	5.3	0.0	5.3	5.0
18	18.0	31.3	24.4	73.0	0.0	0.0	0.0	7.4
19	17.4	31.2	24.3	70.3	0.0	0.0	0.0	7.2
20	17.7	31.5	24.1	71.3	0.0	0.0	0.0	8.1
21	16.8	31.9	23.6	70.3	0.0	0.0	0.0	8.8
22	17.8	30.1	23.2	76.7	0.0	0.0	0.0	4.9
23	18.9	30.2	23.0	77.0	0.0	9.9	9.9	2.8
24	19.0	28.4	22.8	79.0	0.0	32.4	32.4	3.8
25	18.8	30.1	22.7	76.7	22.5	32.6	55.1	6.4
26	18.6	26.2	21.2	84.3	29.0	0.0	29.0	.2
27	17.8	25.5	20.6	85.3	0.0	1.7	1.7	1.4
28	18.1	22.8	19.3	91.0	7.7	0.0	7.7	0.0
29	15.0	28.9	21.6	74.3	0.0	0.0	0.0	6.4
30	16.0	30.0	23.3	70.3	0.0	0.0	0.0	8.5
31	18.2	27.0	21.9	78.3	19.3	0.0	19.3	3.6
TOTAL PROMEDIO	17.9	29.0	22.4	78.8	130.7	147.4	278.1	145.0

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	29.5	22.3	72.3	0.0	4.6	4.6	8.1
2	18.9	29.6	22.2	77.0	0.0	0.0	0.0	6.5
3	16.5	30.0	23.3	74.0	.1	0.0	.1	5.8
4	17.8	30.2	24.0	72.7	0.0	0.0	0.0	7.3
5	17.9	30.6	22.5	79.0	1.1	.3	1.4	5.8
6	18.4	30.1	21.8	80.0	27.0	0.0	27.0	6.0
7	18.6	28.2	22.6	82.3	7.0	1.3	8.3	2.0
8	18.7	27.0	21.4	83.7	4.9	33.4	38.3	.5
9	18.1	27.8	22.1	80.7	0.0	29.8	29.8	3.3
10	18.0	29.0	21.6	83.7	12.0	1.9	13.9	6.0
11	18.7	30.4	22.0	83.3	2.9	0.0	2.9	6.3
12	19.3	24.0	20.7	87.3	2.4	9.3	11.7	.1
13	17.6	29.0	21.7	78.3	3.5	0.0	3.5	5.9
14	16.9	30.0	23.1	72.7	0.0	11.3	11.3	7.2
15	15.9	30.1	23.5	71.0	0.0	0.0	0.0	9.4
16	17.8	30.4	24.2	72.0	0.0	0.0	0.0	8.0
17	17.5	28.8	22.7	76.7	0.0	0.0	0.0	4.2
18	16.5	30.0	23.4	73.3	0.0	8.4	8.4	6.8
19	16.9	30.1	23.3	74.3	0.0	0.0	0.0	5.9
20	18.0	30.3	22.6	81.7	.8	0.0	.8	6.9
21	18.2	29.6	23.3	76.3	0.0	0.0	0.0	3.7
22	17.8	29.9	24.2	77.3	0.0	14.3	14.3	4.9
23	19.0	27.9	22.4	84.0	1.1	.7	1.8	1.9
24	19.6	31.0	24.2	77.0	0.0	0.0	0.0	6.7
25	18.9	30.1	23.3	77.0	.2	0.0	.2	6.2
26	18.0	29.6	22.2	79.7	1.4	0.0	1.4	4.4
27	17.4	29.4	22.0	78.0	10.7	0.0	10.7	3.6
28	17.8	27.2	21.4	82.3	2.6	1.7	4.3	.4
29	18.2	27.8	22.6	83.3	0.0	0.0	0.0	1.4
30	18.9	30.8	22.1	79.0	42.7	.6	43.3	4.7
31								
TOTAL PROMEDIO	17.9	29.3	22.6	78.3	120.4	117.6	238.0	149.9

ESTACION: PARAGUAICITO

DPTO: QUINDIO

LATITUD : 04° 23'N

AÑO: 1991

MPIO: BUENAVISTA

LONGITUD: 75° 44'W
ALTITUD : 1250 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	28.0	21.3	80.3	.1	0.0	.1	3.6
2	18.0	29.0	23.0	78.7	0.0	0.0	0.0	2.7
3	19.2	25.0	21.3	93.7	14.0	5.0	19.0	.1
4	19.4	28.4	22.6	79.7	0.0	.3	.3	1.9
5	19.5	27.8	21.9	82.7	.3	0.0	.3	1.1
6	18.8	30.1	23.6	75.0	0.0	0.0	0.0	7.6
7	18.9	28.2	22.6	82.7	.4	0.0	.4	2.2
8	18.6	31.4	24.9	74.7	0.0	0.0	0.0	8.7
9	19.0	27.8	22.2	82.7	6.6	0.0	6.6	.3
10	18.0	29.8	22.2	79.3	7.3	2.1	9.4	5.2
11	19.4	29.5	23.2	79.0	0.0	0.0	0.0	4.9
12	18.8	26.8	22.2	86.7	2.2	2.4	4.6	2.6
13	18.9	29.9	23.4	81.0	0.0	0.0	0.0	6.1
14	19.7	27.1	22.7	82.7	3.2	0.0	3.2	.4
15	19.8	28.9	24.0	77.7	0.0	0.0	0.0	3.8
16	19.7	26.6	22.1	89.7	.7	3.3	4.0	.8
17	19.5	23.4	19.9	89.7	15.2	6.8	22.0	0.0
18	17.8	25.4	20.1	87.3	4.1	.6	4.7	1.1
19	18.0	24.2	20.5	89.3	.9	23.4	24.3	1.9
20	17.0	27.0	21.2	82.3	2.9	9.4	12.3	.5
21	17.8	25.1	21.1	82.3	1.4	32.7	34.1	.2
22	17.9	23.8	19.9	91.0	1.3	0.0	1.3	.8
23	18.0	27.8	21.6	81.3	.1	30.6	30.7	3.2
24	17.5	24.4	20.8	84.7	.2	0.0	.2	1.1
25	17.0	29.5	23.0	79.0	0.0	0.0	0.0	8.9
26	17.7	30.0	24.3	73.7	0.0	0.0	0.0	8.0
27	16.9	31.3	24.0	74.3	0.0	0.0	0.0	6.2
28	18.9	29.9	25.0	74.0	0.0	0.0	0.0	8.0
29	18.8	29.2	23.9	78.7	0.0	.3	.3	4.4
30	19.8	26.9	22.5	85.3	2.1	0.0	2.1	1.1
31	18.8	28.8	22.4	79.3	.5	3.3	3.8	2.0
TOTAL PROMEDIO	18.5	27.8	22.4	81.9	63.5	120.2	183.7	99.4

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	19.5	27.8	23.3	79.7	0.0	2.1	2.1	1.9
2	17.6	30.1	22.9	79.3	18.5	47.0	65.5	4.1
3	19.6	27.8	23.1	80.0	0.0	0.0	0.0	2.4
4	17.8	30.4	22.2	80.0	45.2	.7	45.9	7.1
5	18.7	28.0	22.5	84.7	.2	15.3	15.5	1.7
6	18.5	29.4	22.8	81.7	0.0	0.0	0.0	5.1
7	18.8	30.2	24.2	77.3	0.0	0.0	0.0	9.2
8	17.9	29.8	23.5	78.3	0.0	0.0	0.0	4.7
9	19.0	31.8	25.1	74.0	0.0	0.0	0.0	8.7
10	19.6	31.2	24.7	73.7	0.0	0.0	0.0	7.2
11	18.2	32.1	25.3	70.7	0.0	0.0	0.0	10.1
12	18.0	30.6	23.9	78.3	0.0	0.0	0.0	6.9
13	18.3	28.9	23.8	76.0	0.0	.1	.1	3.8
14	19.2	28.2	23.2	81.0	0.0	0.0	0.0	1.5
15	19.1	28.3	23.0	81.3	0.0	2.2	2.2	3.8
16	19.2	24.5	21.2	84.3	19.3	.1	19.4	.1
17	18.9	28.4	22.9	82.7	0.0	0.0	0.0	3.5
18	18.0	29.2	24.2	72.0	0.0	.2	.2	5.2
19	18.8	29.4	23.3	79.7	0.0	0.0	0.0	3.8
20	17.0	29.0	23.1	78.7	0.0	.3	.3	4.8
21	19.3	27.3	22.0	83.0	.3	.1	.4	1.2
22	18.0	27.5	22.1	81.7	.1	24.6	24.7	3.0
23	19.0	28.4	22.7	83.0	0.0	1.0	1.0	4.6
24	18.8	28.6	22.3	81.3	1.3	0.0	1.3	2.9
25	18.2	27.6	22.4	80.7	0.0	0.0	0.0	4.1
26	19.0	28.3	21.7	80.7	13.3	2.5	15.8	3.8
27	18.7	26.2	21.9	82.7	6.7	8.7	15.4	1.2
28	18.9	27.2	22.2	80.7	0.0	.3	.3	2.9
29	17.8	26.4	21.9	82.7	.2	0.0	.2	4.4
30	17.9	28.8	22.4	76.7	0.0	.2	.2	3.8
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	18.6	28.7	23.0	79.5	105.1	105.4	210.5	127.5

ESTACION: PARAGUAICITO

DPTO: QUINDIO

LATITUD : 04° 23'N

LONGITUD: 75° 44'W

AÑO: 1991

MPIO: BUENAVISTA

ALTITUD : 1250 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.7	28.2	22.6	80.3	0.0	0.0	0.0	4.2
2	18.8	28.5	23.8	77.7	0.0	0.0	0.0	6.6
3	18.9	28.9	22.3	81.7	.8	0.0	.8	4.3
4	18.4	28.1	22.1	79.7	0.0	.2	.2	.3
5	19.0	27.0	21.3	83.3	.2	26.9	27.1	1.0
6	17.9	27.1	21.8	81.7	1.6	7.6	9.2	4.1
7	18.3	27.4	21.5	83.0	5.6	0.0	5.6	1.5
8	18.4	29.0	23.2	78.3	0.0	1.2	1.2	4.6
9	18.7	28.8	23.7	78.7	0.0	0.0	0.0	4.0
10	18.9	28.0	22.5	80.0	.1	0.0	.1	2.4
11	17.0	27.0	21.8	80.3	0.0	0.0	0.0	3.4
12	17.2	28.0	22.6	79.0	0.0	0.0	0.0	3.3
13	16.5	27.6	21.9	77.7	.1	0.0	.1	5.4
14	15.4	28.4	22.5	74.0	0.0	0.0	0.0	7.4
15	17.6	30.0	23.1	72.7	0.0	0.0	0.0	6.1
16	17.8	29.2	23.6	72.0	0.0	0.0	0.0	4.0
17	16.0	29.0	22.1	74.3	.3	0.0	.3	7.3
18	17.2	28.3	23.2	76.7	0.0	0.0	0.0	5.5
19	17.3	31.4	24.7	62.3	0.0	0.0	0.0	8.5
20	16.0	28.0	22.5	75.3	0.0	0.0	0.0	1.9
21	17.8	29.2	23.5	74.7	0.0	0.0	0.0	6.0
22	16.6	30.2	23.9	70.3	0.0	0.0	0.0	8.6
23	17.1	30.0	23.6	75.7	0.0	0.0	0.0	7.4
24	17.0	27.2	22.4	81.0	0.0	0.0	0.0	.1
25	16.0	28.2	22.9	66.7	0.0	0.0	0.0	4.9
26	16.4	26.2	21.8	78.3	0.0	0.0	0.0	2.0
27	17.8	28.3	22.5	76.0	.4	0.0	.4	4.0
28	17.0	26.4	22.4	77.3	0.0	0.0	0.0	3.5
29	18.0	28.4	21.9	76.0	.9	0.0	.9	2.7
30	18.1	26.2	20.2	82.3	8.7	17.0	25.7	1.0
31	17.0	21.4	18.4	94.0	11.6	14.8	26.4	0.0
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.5	28.1	22.4	77.5	30.3	67.7	98.0	126.0

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	25.0	19.9	83.0	.5	0.0	.5	2.8
2	15.9	28.0	21.2	80.0	.5	6.5	7.0	5.9
3	16.8	29.2	22.0	77.0	0.0	0.0	0.0	5.2
4	14.9	29.0	22.6	71.7	0.0	0.0	0.0	9.1
5	17.8	27.0	22.2	78.3	0.0	0.0	0.0	2.6
6	18.0	28.4	23.4	70.3	0.0	0.0	0.0	6.1
7	17.9	27.8	22.3	76.7	.2	7.7	7.9	3.3
8	18.0	27.5	22.4	74.0	0.0	6.9	6.9	5.5
9	17.8	25.5	21.4	78.0	1.6	2.1	3.7	2.0
10	17.0	28.3	22.7	74.3	0.0	0.0	0.0	5.1
11	14.5	30.0	22.2	76.7	0.0	0.0	0.0	8.1
12	16.0	29.2	23.8	55.7	0.0	0.0	0.0	6.1
13	14.2	28.2	22.9	60.3	0.0	0.0	0.0	4.9
14	17.0	27.2	22.0	70.3	0.0	0.0	0.0	1.4
15	17.4	27.5	23.5	63.3	0.0	0.0	0.0	3.4
16	14.8	29.9	21.8	67.3	0.0	0.0	0.0	4.1
17	15.4	27.1	22.0	72.0	0.0	0.0	0.0	2.7
18	16.9	29.4	23.2	71.0	0.0	0.0	0.0	5.7
19	15.9	27.5	21.9	73.7	0.0	0.0	0.0	3.4
20	16.4	28.9	22.8	67.3	0.0	0.0	0.0	4.7
21	16.2	29.0	22.9	71.0	0.0	0.0	0.0	3.2
22	15.0	29.8	22.4	65.3	0.0	0.0	0.0	5.2
23	14.8	30.0	23.6	60.7	0.0	0.0	0.0	3.6
24	16.2	31.0	23.2	67.3	0.0	0.0	0.0	4.7
25	15.9	29.0	23.4	62.3	0.0	0.0	0.0	7.7
26	16.4	31.0	23.1	66.3	0.0	0.0	0.0	8.3
27	15.9	30.0	23.4	66.7	0.0	0.0	0.0	3.1
28	16.0	30.8	24.6	52.3	0.0	0.0	0.0	6.2
29	13.2	30.4	24.0	53.3	0.0	0.0	0.0	7.4
30	15.1	27.9	22.6	71.7	0.0	0.0	0.0	1.3
31	17.4	28.0	22.0	68.0	0.0	2.4	2.4	2.0
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.1	28.6	22.6	69.2	2.8	25.6	28.4	144.8

ESTACION: PARAGUAICITO

DPTO: QUINDIO

LATITUD : 04° 23'N

AÑO: 1991

MPIO: BUENAVISTA

LONGITUD: 75° 44'W
ALTITUD : 1250 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.6	26.9	21.9	71.0	0.0	0.0	0.0	2.7
2	15.0	31.6	24.1	63.3	0.0	0.0	0.0	9.0
3	15.3	28.6	22.1	72.3	0.0	0.0	0.0	.8
4	15.6	32.0	23.9	67.0	0.0	0.0	0.0	8.9
5	15.1	31.2	23.5	68.3	0.0	0.0	0.0	7.9
6	16.4	30.5	24.5	66.7	0.0	0.0	0.0	4.2
7	16.8	31.4	23.6	66.0	0.0	0.0	0.0	4.7
8	16.0	32.2	24.6	64.3	0.0	0.0	0.0	8.1
9	16.8	32.8	24.3	66.7	0.0	0.0	0.0	7.7
10	16.2	32.3	25.6	52.0	0.0	0.0	0.0	6.1
11	16.1	30.8	24.0	51.0	0.0	0.0	0.0	5.7
12	15.4	32.8	25.2	49.3	0.0	0.0	0.0	6.6
13	14.0	29.7	22.6	67.7	0.0	0.0	0.0	5.0
14	15.1	28.0	22.6	68.0	0.0	2.1	2.1	3.1
15	18.0	26.8	21.1	80.0	.1	18.7	18.8	.4
16	17.1	22.4	19.9	83.3	4.8	1.5	6.3	0.0
17	16.9	28.2	21.3	76.7	0.0	1.6	1.6	3.8
18	17.2	27.0	21.8	80.7	0.0	6.8	6.8	1.1
19	17.1	26.8	22.1	78.7	0.0	1.0	1.0	3.8
20	18.1	22.4	18.8	96.3	19.0	2.5	21.5	0.0
21	15.1	25.5	20.9	82.0	1.2	0.0	1.2	1.9
22	16.8	26.8	19.8	84.0	8.2	42.7	50.9	1.9
23	16.2	26.3	21.1	80.0	0.0	.4	.4	3.2
24	17.0	24.9	20.6	80.3	1.4	0.0	1.4	1.0
25	16.8	28.3	20.6	78.3	2.5	1.0	3.5	3.3
26	16.4	27.2	21.4	80.7	0.0	0.0	0.0	2.0
27	16.8	26.2	20.8	80.3	3.5	0.0	3.5	1.1
28	16.0	29.2	21.9	72.0	0.0	0.0	0.0	5.5
29	18.0	26.9	22.3	75.3	0.0	0.0	0.0	1.0
30	16.2	30.0	21.1	78.7	9.0	1.9	10.9	5.7
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.3	28.5	22.2	72.7	49.7	80.2	129.9	116.2

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	25.2	20.9	79.3	1.6	0.0	1.6	.9
2	16.2	27.9	21.2	76.7	0.0	6.2	6.2	2.0
3	17.0	27.8	21.8	75.0	0.0	1.9	1.9	3.4
4	16.9	27.9	21.6	78.3	0.0	0.0	0.0	4.9
5	14.5	29.0	21.5	76.7	0.0	37.2	37.2	5.9
6	16.8	28.9	22.1	78.0	0.0	29.6	29.6	5.2
7	17.0	28.0	20.1	79.0	5.2	0.0	5.2	6.2
8	16.0	28.2	20.7	76.0	0.0	17.5	17.5	4.5
9	16.4	24.9	19.6	82.7	1.3	0.0	1.3	1.4
10	16.7	23.8	19.4	87.3	0.0	0.0	0.0	1.2
11	15.7	26.2	19.5	79.0	3.6	0.0	3.6	2.8
12	14.0	28.0	21.7	75.0	0.0	3.5	3.5	7.4
13	16.0	27.1	20.4	81.3	.1	0.0	.1	4.5
14	13.4	29.0	19.8	75.3	0.0	0.0	0.0	6.2
15	13.0	28.0	21.3	70.3	0.0	0.0	0.0	8.2
16	15.0	29.2	22.5	71.3	0.0	0.0	0.0	9.1
17	16.0	28.3	22.3	76.7	0.0	0.0	0.0	5.4
18	18.0	24.4	20.3	82.7	0.0	0.0	0.0	.5
19	16.2	25.4	19.8	80.7	0.0	0.0	0.0	2.4
20	13.9	29.1	21.2	75.7	0.0	0.0	0.0	7.6
21	13.0	30.1	21.6	71.3	0.0	0.0	0.0	8.8
22	15.0	29.0	21.6	73.0	0.0	0.0	0.0	6.1
23	14.9	29.1	21.9	74.0	0.0	0.0	0.0	6.8
24	15.1	27.0	21.8	75.0	0.0	0.0	0.0	1.6
25	15.2	29.0	20.5	77.7	5.8	0.0	5.8	3.7
26	16.5	27.0	20.8	80.7	0.0	0.0	0.0	3.1
27	16.0	26.0	20.7	80.3	0.0	0.0	0.0	1.8
28	15.6	27.4	20.4	80.3	0.0	0.0	0.0	3.2
29	13.5	28.2	20.3	79.3	.6	18.5	19.1	6.2
30	17.0	26.3	21.4	82.7	0.0	0.0	0.0	1.2
31	16.4	25.2	20.1	85.0	2.0	0.0	2.0	1.6
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.6	27.4	20.9	77.9	20.2	114.4	134.6	133.8

ESTACION: PARAGUAICITO

DPTO: QUINDIO

LATITUD : 04° 23'N

AÑO: 1991

MPIO: BUENAVISTA

LONGITUD: 75° 44'W

ALTITUD : 1250 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	26.4	20.9	79.0	0.0	0.0	0.0	3.4
2	16.8	26.0	20.3	81.7	0.0	0.0	0.0	1.4
3	15.4	26.4	20.3	81.0	0.0	16.2	16.2	4.0
4	16.8	25.8	20.6	85.0	1.2	.3	1.5	1.9
5	17.2	28.4	21.3	79.7	0.0	0.0	0.0	2.4
6	16.8	27.3	20.1	80.3	47.4	0.0	47.4	3.1
7	15.4	27.1	19.4	80.7	34.6	6.3	40.9	3.9
8	16.0	22.8	19.1	94.0	2.8	6.4	9.2	.6
9	16.3	24.9	19.3	86.3	10.0	4.4	14.4	.4
10	15.5	24.2	19.7	85.3	0.0	3.7	3.7	1.5
11	16.0	28.8	22.5	69.7	0.0	4.1	4.1	5.1
12	17.0	28.4	22.7	75.7	0.0	5.1	5.1	7.6
13	17.6	25.4	21.1	82.3	.5	11.0	11.5	1.1
14	16.8	27.0	20.6	83.0	10.9	11.4	22.3	3.9
15	16.4	23.5	18.1	94.7	10.1	.8	10.9	1.6
16	15.1	26.8	21.2	82.0	0.0	0.0	0.0	3.8
17	17.3	27.1	21.1	80.0	0.0	0.0	0.0	3.2
18	15.2	28.8	21.0	80.0	0.0	0.0	0.0	5.4
19	16.0	26.0	20.4	80.7	0.0	0.0	0.0	1.6
20	15.0	28.1	20.5	79.0	4.8	0.0	4.8	4.9
21	16.2	27.8	21.2	81.3	.4	.1	.5	3.3
22	17.2	27.9	21.9	81.0	0.0	0.0	0.0	3.2
23	16.0	28.0	21.8	76.3	0.0	0.0	0.0	3.3
24	16.1	27.4	22.1	78.3	0.0	30.1	30.1	3.3
25	17.1	22.2	18.8	91.7	2.7	0.0	2.7	0.0
26	16.2	28.9	21.1	76.3	0.0	0.0	0.0	4.4
27	17.0	27.3	21.7	77.3	0.0	1.0	1.0	.7
28	17.2	26.2	21.8	82.0	0.0	0.0	0.0	.2
29	17.4	24.2	20.4	84.0	3.6	0.0	3.6	0.0
30	17.3	28.3	21.2	79.0	.3	0.0	.3	4.7
31								
TOTAL					129.3	100.9	230.2	83.9
PROMEDIO	16.4	26.6	20.7	81.6				

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.3	28.2	21.6	79.7	0.0	0.0	0.0	4.2
2	16.2	26.2	21.0	81.3	0.0	38.7	38.7	.7
3	18.0	28.2	21.8	80.0	0.0	.6	.6	3.7
4	17.8	29.1	22.7	71.7	0.0	17.1	17.1	5.7
5	17.0	23.8	19.6	84.3	3.5	.1	3.6	.2
6	14.9	27.0	20.6	79.3	0.0	0.0	0.0	4.8
7	15.1	28.7	21.2	79.3	0.0	0.0	0.0	6.0
8	18.0	29.0	22.2	73.7	.2	9.1	9.3	5.6
9	17.0	25.0	19.1	92.3	32.1	0.0	32.1	1.0
10	15.0	27.4	20.1	77.0	0.0	0.0	0.0	5.8
11	15.3	28.2	21.4	76.7	0.0	0.0	0.0	5.4
12	16.0	29.3	22.5	77.3	0.0	55.5	55.5	7.2
13	17.0	28.7	22.0	79.0	0.0	0.0	0.0	5.8
14	17.1	26.3	20.9	84.0	15.0	2.0	17.0	1.5
15	18.0	25.0	20.8	83.0	0.0	.3	.3	0.0
16	18.1	26.0	21.9	73.0	0.0	44.7	44.7	.7
17	17.4	22.0	19.1	88.3	0.0	0.0	0.0	0.0
18	15.8	27.1	20.7	79.0	0.0	1.8	1.8	4.5
19	17.0	28.4	21.7	73.7	0.0	0.0	0.0	5.2
20	18.0	28.3	21.7	79.3	1.3	0.0	1.3	5.5
21	16.2	28.2	21.4	79.0	0.0	1.2	1.2	5.0
22	17.8	24.0	20.3	86.3	2.0	.4	2.4	1.1
23	17.2	27.2	21.6	77.3	0.0	0.0	0.0	5.7
24	17.5	27.4	21.7	77.7	0.0	0.0	0.0	3.5
25	15.6	28.8	22.5	76.3	0.0	0.0	0.0	5.7
26	16.5	28.9	22.8	72.3	0.0	0.0	0.0	7.0
27	16.0	29.0	23.0	71.3	0.0	0.0	0.0	8.8
28	17.1	27.0	22.0	76.3	0.0	18.1	18.1	3.7
29	16.1	25.3	20.3	82.3	.2	0.0	.2	3.1
30	14.8	28.9	21.9	71.3	0.0	0.0	0.0	8.6
31	15.0	29.0	22.6	73.3	0.0	0.0	0.0	8.6
TOTAL					54.3	189.6	243.9	134.3
PROMEDIO	16.6	27.3	21.4	78.6				

Estación: PARAGUAICITO

Dpto.: QUINDIO

Latitud : 04° 23'N

Año: 1991

Mpio.: BUENAVISTA

Longitud: 75° 44'W

Altitud : 1250 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	17.4	29.8	22.9	14.8	32.2	74.6	76.9	12	196.6
FEBRERO	17.7	30.0	23.3	15.5	33.2	73.4	67.1	9	153.6
MARZO	17.9	29.0	22.4	15.0	32.0	78.8	278.1	20	145.0
ABRIL	17.9	29.3	22.6	15.0	31.0	78.3	238.0	21	149.9
MAYO	18.5	27.8	22.4	15.8	31.4	81.9	183.7	21	99.4
JUNIO	18.6	28.7	23.0	17.0	32.1	79.5	210.5	18	127.5
JULIO	17.5	28.1	22.4	15.4	31.4	77.5	98.0	13	126.0
AGOSTO	16.1	28.6	22.6	13.2	31.0	69.2	28.4	6	144.8
SEPTIEMBRE	16.3	28.5	22.2	14.0	32.8	72.7	129.9	14	116.2
OCTUBRE	15.6	27.4	20.9	13.0	30.1	77.9	134.6	14	133.8
NOVIEMBRE	16.4	26.6	20.7	15.0	28.9	81.6	230.2	19	83.9
DICIEMBRE	16.6	27.3	21.4	14.8	29.3	78.6	243.9	16	134.3
PROMEDIO	17.2	28.4	22.2			77.0			
ABSOLUTA				13.0	33.2				
TOTAL							1919.3	183	1611.0

ESTACION: EL JAZMIN

DPTO: RISARALDA

LATITUD : 04° 55'N

AÑO: 1991

MPIO: SANTA ROSA DE CABAL

LONGITUD: 75° 38'W
ALTITUD : 1600 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.9	25.9	19.7	80.3	1.1	3.1	4.2	2.5
2	16.0	27.9	20.3	78.0	0.0	22.4	22.4	4.8
3	16.2	25.2	20.6	78.0	2.0	0.0	2.0	3.0
4	17.6	26.5	21.0	78.0	0.0	0.0	0.0	3.7
5	17.0	27.0	19.4	75.7	6.7	0.0	6.7	3.7
6	16.8	25.6	20.0	76.3	1.1	6.0	7.1	3.6
7	16.0	26.1	19.8	77.0	0.0	0.0	0.0	3.5
8	16.2	27.5	21.2	70.7	0.0	16.6	16.6	5.7
9	16.1	28.2	21.5	68.0	0.0	0.0	0.0	6.0
10	17.8	27.5	21.7	73.7	0.0	0.0	0.0	4.3
11	17.6	26.0	19.8	81.0	.8	4.4	5.2	2.0
12	16.8	25.2	21.0	76.7	0.0	1.6	1.6	3.0
13	17.0	25.4	20.7	78.3	0.0	45.2	45.2	5.2
14	15.5	24.2	19.4	78.3	1.0	4.7	5.7	1.2
15	16.2	25.2	19.8	79.0	0.0	0.0	0.0	5.6
16	14.7	27.8	20.3	65.7	0.0	8.3	8.3	7.5
17	16.0	24.4	20.3	78.0	0.0	0.0	0.0	1.1
18	16.8	24.2	19.7	78.7	1.3	0.0	1.3	1.5
19	16.2	25.0	19.3	76.3	1.5	0.0	1.5	3.5
20	15.8	24.2	18.8	81.0	.4	0.0	.4	3.2
21	15.5	27.8	21.0	65.3	0.0	0.0	0.0	8.0
22	15.4	27.2	21.6	63.0	0.0	0.0	0.0	6.9
23	15.7	28.0	21.1	61.3	0.0	0.0	0.0	8.4
24	14.9	25.8	21.1	66.0	0.0	0.0	0.0	5.1
25	16.5	29.0	21.6	65.3	0.0	.6	.6	8.4
26	16.6	25.8	20.6	63.7	0.0	0.0	0.0	3.7
27	15.8	25.4	20.0	75.0	0.0	0.0	0.0	3.7
28	15.1	29.1	22.1	59.0	0.0	0.0	0.0	6.9
29	15.7	29.3	22.2	67.7	0.0	14.6	14.6	6.9
30	17.2	25.4	21.0	71.7	2.5	0.0	2.5	2.3
31	17.6	27.2	21.5	67.7	0.0	0.0	0.0	5.0
TOTAL PROMEDIO	16.3	26.4	20.6	72.7	18.4	127.5	145.9	139.9

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	27.2	21.5	70.3	0.0	0.0	0.0	6.2
2	16.3	27.5	20.2	75.3	0.0	50.1	50.1	4.1
3	14.7	23.9	18.1	84.7	.5	0.0	.5	4.4
4	14.8	24.9	19.7	73.0	0.0	0.0	0.0	3.2
5	15.8	26.5	20.5	72.0	0.0	0.0	0.0	.6
6	15.3	29.2	22.5	68.3	0.0	0.0	0.0	7.7
7	16.5	27.9	21.7	65.7	0.0	0.0	0.0	7.3
8	17.0	28.0	21.8	67.7	0.0	0.0	0.0	5.6
9	15.7	28.8	21.7	64.7	0.0	0.0	0.0	8.5
10	16.2	29.0	23.0	65.3	0.0	0.0	0.0	6.5
11	16.8	29.3	21.1	73.3	3.3	0.0	3.3	7.3
12	17.8	28.2	22.4	70.0	0.0	0.0	0.0	3.8
13	18.2	27.5	21.9	73.7	0.0	2.1	2.1	4.1
14	17.1	27.0	21.2	77.7	5.2	0.0	5.2	3.8
15	17.8	26.0	21.6	76.3	0.0	26.7	26.7	2.4
16	16.0	25.0	20.3	81.7	0.0	0.0	0.0	.3
17	15.8	28.6	20.5	75.0	.2	2.4	2.6	8.5
18	16.8	26.0	20.6	75.0	.5	0.0	.5	3.1
19	17.1	26.6	21.9	72.3	0.0	0.0	0.0	3.4
20	18.2	26.9	20.1	77.3	0.0	1.2	1.2	3.8
21	17.3	26.8	21.3	75.0	0.0	0.0	0.0	3.8
22	16.4	28.8	22.0	65.7	0.0	0.0	0.0	8.0
23	17.8	28.0	22.3	74.0	.2	0.0	.2	5.3
24	18.1	28.1	22.5	72.3	0.0	0.0	0.0	4.0
25	16.8	29.0	22.4	68.3	0.0	.8	.8	5.8
26	18.0	26.0	21.1	80.0	22.0	0.0	22.0	1.4
27	17.0	27.0	22.0	72.7	0.0	17.0	17.0	3.0
28	16.9	26.7	20.6	79.0	.8	0.0	.8	2.7
TOTAL PROMEDIO	16.7	27.3	21.3	73.1	32.7	100.3	133.0	128.6

ESTACION: EL JAZMIN

DPTO: RISARALDA

LATITUD : 04° 55'N

AÑO: 1991

MPIO: SANTA ROSA DE CABAL

LONGITUD: 75° 38'W
ALTITUD : 1600 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	25.0	20.6	79.7	6.4	2.0	8.4	3.7
2	16.5	20.2	19.0	85.7	21.7	12.1	33.8	1.0
3	16.0	27.1	21.3	71.3	0.0	1.1	1.1	6.3
4	17.1	27.2	22.6	72.0	0.0	6.0	6.0	5.2
5	16.7	27.1	21.5	75.3	0.0	.8	.8	4.6
6	16.6	29.2	20.0	77.7	8.7	9.6	18.3	7.1
7	17.0	26.8	20.0	79.3	8.6	.1	8.7	3.6
8	16.5	27.6	21.5	74.7	0.0	12.8	12.8	6.4
9	16.0	25.9	19.5	78.7	10.8	0.0	10.8	4.0
10	17.0	24.4	19.2	81.3	4.4	0.0	4.4	.9
11	16.8	27.1	20.8	72.3	0.0	0.0	0.0	3.8
12	17.1	24.8	19.7	79.3	23.8	.2	24.0	3.4
13	17.4	27.0	21.2	77.3	.3	37.3	37.6	3.0
14	16.2	26.2	19.3	82.0	4.3	1.0	5.3	0.0
15	15.2	24.9	20.1	76.7	.2	0.0	.2	4.3
16	17.1	26.6	20.8	78.7	0.0	2.0	2.0	2.5
17	17.8	27.2	21.4	76.0	0.0	0.0	0.0	4.4
18	17.0	29.0	22.7	65.0	0.0	0.0	0.0	8.6
19	18.7	28.9	22.8	69.7	0.0	0.0	0.0	8.3
20	17.1	29.0	22.5	65.7	.3	0.0	.3	8.0
21	16.9	29.2	22.7	62.0	0.0	0.0	0.0	9.1
22	17.0	29.0	21.8	67.7	0.0	.2	.2	6.1
23	17.8	26.0	20.7	81.7	4.2	8.7	12.9	3.4
24	17.0	24.8	19.5	81.3	5.2	1.1	6.3	1.9
25	16.9	26.0	19.3	84.3	14.9	27.2	42.1	3.0
26	16.8	20.8	18.3	91.3	2.0	2.6	4.6	0.0
27	15.2	24.5	19.8	79.3	0.0	4.2	4.2	1.1
28	16.0	23.0	18.1	81.3	.1	0.0	.1	.1
29	14.8	27.8	20.6	74.3	0.0	0.0	0.0	7.5
30	16.5	27.2	20.6	69.3	7.2	.1	7.3	5.9
31	15.6	24.2	19.7	74.7	2.0	0.0	2.0	2.9
TOTAL PROMEDIO	16.7	26.2	20.5	76.3	125.1	129.1	254.2	130.1

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.2	25.8	19.5	78.0	0.0	59.4	59.4	3.8
2	15.6	26.5	20.5	74.7	0.0	0.0	0.0	5.0
3	15.4	27.2	20.7	72.7	.6	0.0	.6	7.6
4	17.2	26.4	20.5	76.7	0.0	0.0	0.0	3.7
5	16.8	27.8	21.5	77.3	0.0	10.8	10.8	6.9
6	16.9	25.8	20.5	76.7	.5	14.3	14.8	3.3
7	17.1	26.2	19.9	81.0	.2	0.0	.2	5.0
8	17.0	24.1	18.9	84.7	21.2	6.0	27.2	1.2
9	15.6	25.8	19.9	81.3	1.7	2.7	4.4	4.1
10	16.0	24.9	19.6	83.7	0.0	0.0	0.0	1.3
11	16.2	28.2	21.6	73.3	0.0	1.0	1.0	4.8
12	17.4	20.4	19.0	90.0	.5	1.3	1.8	0.0
13	16.5	24.8	19.3	83.3	12.9	1.2	14.1	2.4
14	16.0	25.6	20.0	81.0	30.5	2.7	33.2	3.3
15	14.5	27.9	20.9	74.3	0.0	0.0	0.0	9.2
16	16.0	28.9	22.0	74.3	0.0	0.0	0.0	7.8
17	18.7	26.5	21.5	77.7	0.0	0.0	0.0	4.3
18	17.6	25.8	21.5	81.7	20.4	8.4	28.8	3.8
19	15.8	26.8	21.8	78.7	20.2	64.7	84.9	5.2
20	16.6	25.1	20.6	78.3	4.1	.1	4.2	2.5
21	16.2	27.3	21.6	79.0	0.0	0.0	0.0	5.0
22	17.6	24.1	20.2	87.3	20.0	15.3	35.3	1.0
23	17.1	27.1	21.2	79.0	.7	.1	.8	4.3
24	17.2	28.2	22.5	73.3	0.0	.2	.2	7.1
25	18.0	26.2	20.8	79.3	2.4	0.0	2.4	2.6
26	17.2	26.1	21.0	80.3	.1	4.2	4.3	3.0
27	16.0	25.2	20.4	83.0	0.0	0.0	0.0	2.8
28	15.8	23.1	19.1	90.0	.7	0.0	.7	.7
29	16.2	25.2	20.4	83.0	9.2	0.0	9.2	1.7
30	17.6	27.5	20.8	79.0	1.7	10.8	12.5	4.3
31								
TOTAL PROMEDIO	16.6	26.0	20.6	79.8	147.6	203.2	350.8	117.7

ESTACION: EL JAZMIN

DPTO: RISARALDA

LATITUD : 04° 55'N

AÑO: 1991

MPIO: SANTA ROSA DE CABAL

LONGITUD: 75° 38'W

ALTITUD : 1600 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.4	25.0	19.7	81.0	.6	0.0	.6	2.6
2	17.2	27.5	21.0	75.3	0.0	9.8	9.8	2.9
3	17.8	22.0	20.0	88.3	4.4	4.5	8.9	0.0
4	17.2	22.3	19.3	92.3	7.0	6.6	13.6	.3
5	16.5	23.5	19.0	90.3	3.0	0.0	3.0	1.1
6	16.8	29.3	21.4	72.3	.4	32.8	33.2	5.6
7	16.7	26.4	20.4	80.3	.1	0.0	.1	2.6
8	17.0	27.1	22.2	74.7	0.0	0.0	0.0	2.6
9	17.8	25.2	20.5	81.0	2.7	0.0	2.7	.2
10	16.4	27.8	21.1	74.3	.9	14.9	15.8	5.5
11	17.0	26.0	20.7	81.7	0.0	0.0	0.0	4.4
12	17.8	24.7	19.9	84.0	3.2	11.1	14.3	1.8
13	17.2	27.8	22.4	77.0	0.0	0.0	0.0	5.6
14	17.8	24.2	20.5	82.0	0.0	0.0	0.0	0.0
15	18.5	25.2	21.0	84.3	0.0	.3	.3	2.8
16	17.8	24.0	20.3	81.3	7.3	2.5	9.8	1.8
17	17.0	20.0	17.9	93.7	7.0	.2	7.2	.1
18	16.2	21.2	18.0	94.3	9.4	2.6	12.0	.2
19	16.0	23.2	18.5	85.0	7.1	7.4	14.5	.6
20	15.8	25.8	19.5	83.3	.5	5.7	6.2	1.8
21	16.8	21.0	18.8	91.7	.9	0.0	.9	0.0
22	16.7	21.6	19.0	88.3	1.1	0.0	1.1	.4
23	16.8	25.0	19.2	83.7	14.2	17.7	31.9	1.7
24	16.0	22.0	18.4	91.3	.6	0.0	.6	.6
25	14.1	27.0	20.8	75.7	0.0	0.0	0.0	6.5
26	16.2	27.5	22.1	73.3	0.0	35.4	35.4	4.7
27	15.8	28.1	21.8	81.0	.5	0.0	.5	6.4
28	17.5	27.9	22.0	74.7	3.3	.9	4.2	6.2
29	17.8	26.9	20.3	82.7	8.5	5.8	14.3	2.3
30	17.9	23.6	19.1	92.0	5.9	0.0	5.9	1.5
31	16.8	25.9	20.6	81.7	.7	3.7	4.4	.8
TOTAL PROMEDIO	16.8	25.0	20.2	83.0	89.3	161.9	251.2	73.6

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.9	24.2	19.8	84.3	1.6	0.0	1.6	.5
2	16.0	25.7	20.2	81.3	0.0	0.0	0.0	2.4
3	17.0	26.0	22.0	78.7	0.0	0.0	0.0	3.0
4	16.8	25.0	20.5	80.3	1.0	0.0	1.0	3.8
5	17.1	24.0	20.2	83.3	4.4	0.0	4.4	.7
6	16.4	24.4	20.2	81.3	.2	0.0	.2	1.8
7	17.1	28.0	22.5	71.3	0.0	0.0	0.0	9.3
8	16.8	26.4	22.1	77.7	0.0	0.0	0.0	3.4
9	17.0	27.0	23.0	77.3	1.9	0.0	1.9	4.5
10	17.1	26.8	23.0	70.7	.1	0.0	.1	5.4
11	16.8	31.0	24.0	69.0	0.0	0.0	0.0	8.2
12	17.5	28.2	22.7	76.7	0.0	0.0	0.0	4.0
13	17.0	27.8	21.5	74.0	0.0	16.2	16.2	4.9
14	17.8	24.3	20.6	89.0	1.4	.7	2.1	2.0
15	17.2	25.9	20.1	82.3	0.0	1.0	1.0	3.3
16	16.0	23.8	19.3	88.7	1.1	0.0	1.1	.2
17	17.6	26.0	21.1	82.7	3.8	.1	3.9	2.4
18	16.5	26.5	21.3	80.0	0.0	1.1	1.1	6.4
19	16.0	25.0	21.3	87.3	0.0	0.0	0.0	1.5
20	16.5	24.6	20.2	75.3	0.0	0.0	0.0	1.9
21	16.0	23.4	19.7	85.7	0.0	0.0	0.0	.5
22	16.9	24.8	21.3	81.0	.3	35.3	35.6	2.5
23	17.8	23.8	20.4	86.3	.3	.3	.6	1.6
24	16.9	24.2	20.1	82.0	.2	28.6	28.8	2.4
25	15.8	25.2	19.8	80.0	6.1	0.0	6.1	3.5
26	17.0	25.1	20.6	83.0	.8	8.4	9.2	2.8
27	16.2	25.0	20.0	85.3	.5	9.3	9.8	1.7
28	16.7	24.5	20.0	83.7	0.0	0.0	0.0	2.9
29	16.8	25.0	19.8	80.7	1.2	0.0	1.2	3.0
30	15.0	23.9	19.5	85.7	5.7	0.0	5.7	4.8
31								
TOTAL PROMEDIO	16.7	25.5	20.9	80.8	30.6	101.0	131.6	95.3

ESTACION: EL JAZMIN

DPTO: RISARALDA

LATITUD : 04° 55'N

AÑO: 1991

MPIO: SANTA ROSA DE CABAL

LONGITUD: 75° 38'W
ALTITUD : 1600 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	24.5	20.5	78.7	.1	.3	.4	1.6
2	16.7	26.9	21.5	75.0	0.0	3.7	3.7	5.9
3	17.4	24.8	20.6	78.3	0.0	.1	.1	1.5
4	17.0	24.2	19.1	86.0	9.6	0.0	9.6	.8
5	16.0	23.2	18.5	89.0	1.1	6.0	7.1	.7
6	15.2	23.1	19.0	83.3	0.0	.7	.7	1.9
7	16.9	24.8	19.6	84.3	27.0	0.0	27.0	2.4
8	15.8	26.4	21.5	78.3	0.0	2.2	2.2	5.6
9	17.0	24.9	20.1	86.3	.3	0.0	.3	3.2
10	16.0	26.9	20.4	82.7	.4	0.0	.4	3.9
11	17.8	24.8	21.0	75.7	0.0	1.4	1.4	3.3
12	17.0	25.2	20.4	80.0	.2	18.0	18.2	2.9
13	16.4	26.2	20.4	80.3	0.0	0.0	0.0	4.9
14	15.0	28.2	21.7	69.7	0.0	0.0	0.0	9.1
15	16.7	26.4	21.8	76.3	.5	3.2	3.7	3.9
16	17.8	27.4	21.6	71.7	0.0	1.0	1.0	2.8
17	16.4	26.2	21.5	76.0	0.0	.8	.8	4.7
18	17.8	26.0	22.0	76.7	0.0	0.0	0.0	2.5
19	17.4	29.0	22.8	70.3	0.0	0.0	0.0	8.0
20	16.0	27.0	22.3	69.3	0.0	0.0	0.0	1.7
21	17.8	27.2	21.5	78.0	0.0	2.5	2.5	4.1
22	17.6	28.1	22.7	72.0	0.0	0.0	0.0	5.1
23	17.0	27.4	22.0	76.7	0.0	.2	.2	6.2
24	18.0	25.9	19.7	84.7	5.6	0.0	5.6	.1
25	15.4	27.1	20.6	72.3	.1	0.0	.1	5.5
26	16.0	26.3	21.4	66.3	0.0	1.9	1.9	4.2
27	17.4	26.8	20.9	80.3	0.0	0.0	0.0	2.9
28	16.0	25.3	20.3	78.7	.2	.2	.4	4.5
29	17.4	26.1	20.5	83.3	.5	0.0	.5	2.7
30	17.8	22.2	19.0	92.0	2.1	16.1	18.2	0.0
31	16.2	19.8	17.0	92.3	10.6	1.4	12.0	.1
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.7	25.8	20.7	78.9	58.3	59.7	118.0	106.7

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	23.1	18.7	88.0	2.8	0.0	2.8	1.5
2	15.1	26.7	20.7	74.7	0.0	.2	.2	6.4
3	16.7	24.1	20.1	81.3	.1	0.0	.1	3.2
4	14.9	25.2	21.0	73.7	0.0	11.6	11.6	4.7
5	16.5	24.0	19.7	89.3	.6	.1	.7	1.0
6	17.0	25.0	21.4	75.3	0.0	0.0	0.0	2.3
7	17.8	24.0	21.2	77.0	1.6	16.7	18.3	4.3
8	16.5	25.1	21.0	75.7	0.0	23.6	23.6	2.6
9	16.0	23.5	19.3	82.0	2.4	13.8	16.2	6.0
10	16.1	26.4	21.4	75.0	0.0	0.0	0.0	0.0
11	15.0	27.2	21.1	72.3	0.0	0.0	0.0	6.5
12	16.8	26.5	20.8	78.3	0.0	0.0	0.0	3.4
13	16.0	28.4	21.8	68.3	0.0	0.0	0.0	7.2
14	17.8	26.0	21.3	68.3	0.0	0.0	0.0	3.6
15	17.6	28.1	22.2	67.7	0.0	0.0	0.0	5.6
16	15.0	26.4	21.0	68.7	0.0	0.0	0.0	3.7
17	15.2	26.0	20.9	74.7	0.0	34.5	34.5	2.9
18	15.9	23.7	19.4	81.0	.5	.2	.7	3.5
19	16.0	25.9	20.2	83.7	1.8	0.0	1.8	.3
20	15.9	28.4	21.9	67.7	0.0	.2	.2	7.0
21	17.0	25.3	21.1	77.0	0.0	0.0	0.0	2.3
22	15.9	25.9	20.4	79.3	0.0	0.0	0.0	2.0
23	16.7	28.4	21.5	65.3	0.0	0.0	0.0	6.0
24	16.6	28.0	21.4	65.3	0.0	0.0	0.0	6.5
25	15.9	26.5	21.0	71.3	.4	0.0	.4	5.4
26	15.6	28.4	22.1	71.7	0.0	0.0	0.0	4.8
27	16.8	27.0	21.7	75.7	0.0	0.0	0.0	3.6
28	16.9	28.3	21.5	69.7	0.0	0.0	0.0	5.8
29	15.1	28.8	21.6	61.0	0.0	0.0	0.0	7.5
30	16.0	25.0	20.6	73.0	0.0	0.0	0.0	.6
31	16.9	25.3	21.3	78.7	0.0	0.0	0.0	3.8
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.2	26.1	20.9	74.5	10.2	100.9	111.1	124.0

ESTACION: EL JAZMIN

DPTO: RISARALDA

LATITUD : 04° 55'N

AÑO: 1991

MPIO: SANTA ROSA DE CABAL

LONGITUD: 75° 38'W
ALTITUD : 1600 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.4	28.1	21.5	71.3	0.0	0.0	0.0	3.8
2	15.1	29.2	22.7	69.7	0.0	0.0	0.0	6.6
3	16.4	25.2	20.4	82.7	0.0	0.0	0.0	1.0
4	15.6	29.5	21.9	71.0	0.0	0.0	0.0	6.9
5	16.0	28.6	21.6	67.7	12.2	0.0	12.2	6.0
6	16.8	27.2	21.8	75.0	0.0	0.0	0.0	5.9
7	15.4	27.0	21.0	67.0	.5	0.0	.5	7
8	15.8	28.7	22.5	67.7	0.0	0.0	0.0	5.9
9	17.0	29.6	22.9	69.0	.3	0.0	.3	5.6
10	17.6	29.8	23.5	64.3	0.0	0.0	0.0	5.2
11	17.8	28.4	22.5	60.0	0.0	0.0	0.0	7.1
12	15.7	29.6	22.5	56.3	0.0	0.0	0.0	7.1
13	15.8	29.4	22.5	60.0	0.0	0.0	0.0	7.9
14	17.6	25.1	21.0	79.7	.1	38.5	38.6	1.9
15	16.0	21.8	18.7	79.3	1.5	22.7	24.2	.1
16	15.8	21.2	18.0	94.3	5.5	2.2	7.7	0.0
17	15.7	26.0	20.1	76.7	0.0	23.0	23.0	2.4
18	16.9	23.3	19.7	82.3	.4	.8	1.2	.7
19	16.8	26.2	20.6	80.3	0.0	16.4	16.4	2.6
20	16.6	22.8	17.8	85.3	20.6	.8	21.4	.1
21	14.9	24.8	19.8	81.3	.1	13.2	13.3	2.0
22	16.0	23.2	18.6	85.7	1.1	3.9	5.0	.7
23	15.9	26.0	20.0	81.3	.1	.2	.3	4.0
24	16.7	22.0	17.6	92.0	4.0	0.0	4.0	0.0
25	15.8	25.2	19.1	81.3	.5	3.1	3.6	2.6
26	16.0	25.9	20.0	81.7	.9	30.8	31.7	2.2
27	15.4	22.0	18.1	87.3	1.1	0.0	1.1	.6
28	15.6	26.4	20.4	75.7	0.0	16.0	16.0	3.5
29	16.0	22.3	19.1	86.0	4.8	0.0	4.8	4.5
30	15.9	28.6	20.1	78.0	28.4	.1	28.5	2.3
31								
TOTAL PROMEDIO	16.2	26.1	20.5	76.3	82.1	171.7	253.8	99.9

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	23.1	19.0	85.7	8.8	0.0	8.8	.6
2	15.4	22.9	19.5	81.3	.5	3.9	4.4	2.1
3	15.9	25.1	20.1	79.3	.1	0.0	.1	4.2
4	16.7	24.8	19.8	84.7	1.0	0.0	1.0	2.4
5	15.3	26.9	20.6	71.0	0.0	2.2	2.2	5.3
6	15.9	26.5	19.4	75.3	1.4	4.3	5.7	6.2
7	15.4	25.1	18.8	75.7	22.3	0.0	22.3	3.6
8	15.7	24.9	19.5	77.3	1.4	.2	1.6	3.3
9	16.4	23.1	18.1	86.0	2.5	.2	2.7	.4
10	16.2	20.9	17.6	91.7	1.5	0.0	1.5	0.0
11	15.4	23.2	17.5	87.3	.7	0.0	.7	1.8
12	13.8	25.3	20.0	74.7	0.0	0.0	0.0	3.8
13	15.6	24.0	18.0	85.7	5.0	0.0	5.0	1.1
14	13.9	26.4	20.2	71.0	0.0	0.0	0.0	7.5
15	14.0	26.5	20.3	69.0	0.0	0.0	0.0	7.3
16	15.0	28.2	21.8	68.0	0.0	0.0	0.0	
17	16.1	27.1	19.5	81.0	10.3	3.3	13.6	3.6
18	16.5	20.0	17.2	95.0	13.2	0.0	13.2	0.0
19	14.0	24.2	19.0	76.0	0.0	0.0	0.0	1.2
20	14.5	27.7	20.9	66.3	0.0	0.0	0.0	7.5
21	15.8	28.4	21.6	63.3	0.0	0.0	0.0	7.3
22	15.6	27.2	21.4	68.7	0.0	0.0	0.0	5.8
23	15.8	29.0	21.4	65.7	.3	0.0	.3	6.9
24	16.2	25.8	19.9	76.3	.5	0.0	.5	0.0
25	15.8	26.0	19.5	76.3	.8	9.2	10.0	4.3
26	15.6	24.8	20.0	77.3	0.0	.9	.9	3.0
27	16.0	22.0	17.9	86.7	7.2	0.0	7.2	.3
28	14.4	20.0	17.4	86.7	1.5	0.0	1.5	2.0
29	16.4	25.8	19.7	78.0	3.5	6.2	9.7	4.4
30	16.0	26.1	19.4	78.3	1.4	0.0	1.4	2.5
31	15.0	25.2	18.8	74.7	8.8	0.0	8.8	1.7
TOTAL PROMEDIO	15.5	25.0	19.5	77.9	92.7	30.4	123.1	

ESTACION: EL JAZMIN

DPTO: RISARALDA

LATITUD : 04° 55'N

AÑO: 1991

MPIO: SANTA ROSA DE CABAL

LONGITUD : 75° 38'W

ALTITUD : 1600 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	26.4	20.6	76.0	0.0	29.4	29.4	2.9
2	15.8	22.3	18.5	86.0	0.0	3.7	3.7	1.0
3	15.7	25.2	19.8	77.3	0.0	31.3	31.3	3.3
4	16.0	24.0	18.9	86.0	1.9	0.0	1.9	0.0
5	15.4	26.3	20.8	78.3	0.0	14.9	14.9	4.2
6	15.0	26.2	19.5	80.0	8.7	0.0	8.7	4.3
7	14.9	24.9	18.4	83.7	3.7	2.3	6.0	2.4
8	15.8	21.4	17.1	94.7	19.7	10.0	29.7	3.3
9	15.9	23.0	17.7	86.7	2.0	11.4	13.4	1.0
10	15.0	25.0	18.9	80.0	0.0	0.0	0.0	4.0
11	16.0	26.5	19.7	82.0	0.0	0.0	0.0	3.4
12	16.8	27.0	20.3	74.7	.1	22.7	22.8	7.0
13	16.7	24.0	18.3	85.0	51.9	0.0	51.9	1.0
14	15.6	24.1	18.5	84.0	3.5	10.6	14.1	4.3
15	15.9	21.4	17.3	89.3	15.3	0.0	15.3	4.4
16	15.0	24.2	18.5	81.3	0.0	1.7	1.7	5.0
17	14.8	25.9	19.1	80.0	0.0	0.0	0.0	4.7
18	15.0	26.0	20.5	71.7	0.0	0.0	0.0	5.0
19	16.0	24.9	18.8	78.3	3.3	0.0	3.3	1.6
20	14.9	27.4	20.8	75.0	0.0	6.7	6.7	4.3
21	16.1	23.9	18.3	86.7	8.9	0.0	8.9	2.0
22	15.8	25.1	19.7	76.0	1.8	0.0	1.8	4.3
23	16.9	26.2	19.4	79.3	17.9	.1	18.0	3.9
24	15.9	25.5	19.9	76.3	.3	29.1	29.4	1.7
25	16.2	22.4	18.9	85.7	.3	0.0	.3	0.0
26	15.0	25.8	19.4	82.0	0.0	0.0	0.0	4.5
27	17.1	24.1	20.0	81.3	0.0	0.0	0.0	0.0
28	17.0	23.9	19.8	85.3	0.0	1.4	1.4	1.3
29	16.2	22.2	18.9	90.7	0.0	0.0	0.0	0.0
30	16.1	26.1	19.8	80.0	1.7	0.0	1.7	5.7
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	15.8	24.7	19.2	81.8	141.0	175.3	316.3	83.5

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.9	27.1	20.6	73.3	0.0	0.0	0.0	4.5
2	16.9	23.0	19.8	84.7	.3	19.2	19.5	4.4
3	16.7	24.2	19.8	81.3	0.0	0.0	0.0	1.0
4	16.9	27.8	20.6	76.3	0.0	60.0	60.0	5.3
5	15.9	20.8	17.8	93.7	1.9	0.0	1.9	0.0
6	14.0	27.2	20.3	71.0	0.0	0.0	0.0	8.6
7	16.1	26.8	21.1	71.0	0.0	10.8	10.8	5.4
8	17.0	26.7	20.2	78.7	19.6	0.0	19.6	3.4
9	17.1	22.0	18.3	87.0	8.9	0.0	8.9	0.0
10	15.6	27.0	19.8	73.3	1.6	0.0	1.6	6.0
11	15.7	27.1	19.8	77.3	.8	5.0	5.8	4.3
12	16.8	27.8	20.8	74.7	2.5	6.5	9.0	4.7
13	16.9	26.4	20.7	78.0	0.0	0.0	0.0	5.3
14	17.0	24.0	19.4	83.3	0.0	5.1	5.1	1.4
15	16.8	22.0	18.7	92.3	.6	18.7	19.3	0.0
16	15.8	24.5	19.7	81.7	4.4	2.5	6.9	2.2
17	16.8	19.8	17.1	94.3	7.8	0.0	7.8	0.0
18	14.8	25.3	19.7	76.7	0.0	0.0	0.0	4.2
19	16.8	26.4	20.8	72.0	0.0	0.0	0.0	4.4
20	16.9	26.8	20.5	71.3	0.0	.1	.1	4.4
21	17.0	26.9	20.9	75.0	0.0	6.3	6.3	5.8
22	16.4	21.9	18.1	89.3	0.0	5.0	5.0	.8
23	16.7	25.2	19.9	83.3	4.5	0.0	4.5	3.0
24	16.4	27.2	20.8	70.3	0.0	0.0	0.0	6.1
25	15.6	26.5	20.8	73.0	0.0	0.0	0.0	6.7
26	15.8	26.2	21.1	71.0	0.0	0.0	0.0	4.9
27	16.1	27.1	21.3	68.3	0.0	46.0	46.0	6.6
28	16.0	26.1	20.2	76.3	1.1	7.8	8.9	3.2
29	15.9	23.2	19.1	87.3	1.0	0.0	1.0	2.0
30	16.4	26.2	20.6	70.7	0.0	0.0	0.0	5.7
31	16.0	26.0	20.6	74.0	0.0	0.0	0.0	4.4
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.3	25.3	19.9	78.4	55.0	193.0	248.0	114.7

Estación: EL JAZMIN

Dpto.: RISARALDA

Latitud : 04° 55'N

Año: 1991

Mpio.: SANTA ROSA DE CABAL

Longitud: 75° 38'W

Altitud : 1600 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	16.3	26.4	20.6	14.7	29.3	72.7	145.9	17	139.9
FEBRERO	16.7	27.3	21.3	14.7	29.3	73.1	133.0	14	128.6
MARZO	16.7	26.2	20.5	14.8	29.2	76.3	254.2	25	130.1
ABRIL	16.6	26.0	20.6	14.5	28.9	79.8	350.8	22	117.7
MAYO	16.8	25.0	20.2	14.1	29.3	83.0	251.2	26	73.6
JUNIO	16.7	25.5	20.9	15.0	31.0	80.8	131.6	20	95.3
JULIO	16.7	25.8	20.7	15.0	29.0	78.9	118.0	24	106.7
AGOSTO	16.2	26.1	20.9	14.9	28.8	74.5	111.1	13	124.0
SEPTIEMBRE	16.2	26.1	20.5	14.9	29.8	76.3	253.8	20	99.9
OCTUBRE	15.5	25.0	19.5	13.8	29.0	77.9	123.1	23	
NOVIEMBRE	15.8	24.7	19.2	14.8	27.4	81.8	316.3	23	83.5
DICIEMBRE	16.3	25.3	19.9	14.0	27.8	78.4	248.0	20	114.7
PROMEDIO	16.4	25.8	20.4			77.8			
ABSOLUTA				13.8	31.0				
TOTAL							2437.0	247	

ESTACION: INGENIO RISARALDA

DPTO: RISARALDA

LATITUD : 04° 55'N

AÑO: 1991

MPIO: BALBOA

LONGITUD : 75° 54'W

ALTITUD : 1000 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	30.0	23.6	69.7	0.0	0.0	0.0	4.6
2	17.9	30.2	23.7	66.0	0.0	.4	.4	7.8
3	19.4	30.0	24.2	66.7	1.3	3.0	4.3	5.7
4	20.0	30.8	24.7	66.0	0.0	45.8	45.8	6.9
5	19.4	31.0	24.5	67.3	0.0	0.0	0.0	6.6
6	19.2	31.1	24.9	65.3	0.0	1.2	1.2	7.2
7	19.0	31.0	24.6	68.0	0.0	0.0	0.0	6.8
8	18.7	32.5	25.4	65.3	0.0	0.0	0.0	8.2
9	19.5	32.8	25.6	64.3	0.0	0.0	0.0	6.9
10	19.8	32.5	25.5	66.7	0.0	0.0	0.0	7.4
11	20.0	29.1	25.1	66.3	0.0	.8	.8	3.8
12	19.9	30.0	23.9	66.0	0.0	0.0	0.0	5.0
13	19.7	29.9	23.6	68.7	.2	23.3	23.5	7.4
14	19.0	30.0	23.2	73.3	1.4	0.0	1.4	4.9
15	18.5	28.4	22.0	73.7	0.0	0.0	0.0	3.4
16	15.5	32.0	23.6	63.7	0.0	0.0	0.0	10.1
17	17.8	30.0	23.9	66.3	0.0	2.1	2.1	1.6
18	18.5	31.0	24.6	64.7	0.0	0.0	0.0	6.8
19	18.8	30.2	23.8	66.7	1.5	0.0	1.5	6.6
20	17.9	30.0	24.5	62.0	0.0	0.0	0.0	7.4
21	18.0	32.2	24.4	64.7	0.0	0.0	0.0	8.2
22	18.9	32.1	25.3	61.7	0.0	0.0	0.0	8.0
23	17.2	32.3	25.1	60.7	0.0	0.0	0.0	9.7
24	16.2	33.0	25.3	59.7	0.0	0.0	0.0	9.7
25	17.0	32.2	25.2	61.0	0.0	0.0	0.0	8.4
26	18.0	32.0	25.0	60.3	0.0	0.0	0.0	9.1
27	16.0	31.6	24.7	59.7	0.0	0.0	0.0	7.7
28	15.2	35.8	26.3	62.0	0.0	0.0	0.0	9.5
29	18.5	35.0	26.2	63.3	0.0	0.0	0.0	8.9
30	20.8	33.5	26.6	65.7	0.0	0.0	0.0	3.8
31	21.2	33.4	26.2	64.7	0.0	0.0	0.0	5.7
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.5	31.5	24.7	65.2	4.4	76.6	81.0	213.8

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	20.0	32.9	25.7	64.0	0.0	0.0	0.0	7.3
2	20.1	31.8	25.6	65.3	0.0	17.8	17.8	5.4
3	19.0	26.8	22.4	81.3	3.7	0.0	3.7	1.3
4	17.8	30.8	24.1	67.3	0.0	0.0	0.0	8.2
5	17.5	31.5	24.4	63.0	0.0	0.0	0.0	9.2
6	18.8	32.8	25.1	63.3	0.0	0.0	0.0	8.6
7	19.0	31.8	25.3	63.7	0.0	0.0	0.0	6.1
8	19.5	32.4	25.4	61.0	0.0	0.0	0.0	6.5
9	17.0	32.2	25.1	59.3	0.0	0.0	0.0	9.5
10	18.0	34.0	26.3	58.0	0.0	0.0	0.0	9.7
11	17.2	32.3	23.9	71.0	1.1	0.0	1.1	5.1
12	20.4	32.2	24.3	74.3	1.8	0.0	1.8	4.4
13	20.0	32.9	25.5	67.0	0.0	0.0	0.0	7.1
14	20.1	33.0	26.2	62.7	0.0	0.0	0.0	7.4
15	20.5	31.8	26.2	62.7	0.0	3.1	3.1	4.4
16	19.2	28.2	22.8	80.3	1.5	0.0	1.5	1.5
17	17.4	32.0	25.7	59.0	0.0	4.9	4.9	9.5
18	20.0	31.2	25.5	68.3	0.0	1.1	1.1	5.0
19	20.7	29.5	24.7	69.3	0.0	0.0	0.0	1.3
20	19.0	32.0	25.6	65.0	0.0	0.0	0.0	8.1
21	20.5	31.8	26.0	62.0	0.0	0.0	0.0	7.9
22	17.8	33.0	26.0	59.0	0.0	0.0	0.0	9.5
23	18.5	33.2	26.1	59.7	0.0	0.0	0.0	8.4
24	19.8	33.0	26.1	61.0	0.0	0.0	0.0	5.5
25	17.0	33.1	25.9	60.7	0.0	0.0	0.0	7.1
26	21.0	31.0	25.6	69.3	.1	8.3	8.4	2.8
27	20.2	33.0	25.3	68.7	.5	2.1	2.6	6.0
28	20.0	32.9	24.7	70.3	0.0	0.0	0.0	4.0
29								
30								
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	19.1	31.9	25.2	65.6	8.7	37.3	46.0	176.8

ESTACION: INGENIO RISARALDA

DPTO: RISARALDA

LATITUD : 04° 55'N

LONGITUD: 75° 54'W

AÑO: 1991

MPIO: BALBOA

ALTITUD : 1000 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	19.8	32.0	23.5	76.3	1.1	2.7	3.8	6.5
2	20.0	28.0	23.6	74.7	.9	0.0	.9	2.8
3	19.0	31.0	24.7	66.3	.2	0.0	.2	5.9
4	18.9	33.2	26.4	60.3	0.0	10.2	10.2	8.2
5	18.5	31.8	25.1	67.0	0.0	0.0	0.0	6.8
6	18.7	33.0	25.7	61.3	0.0	12.9	12.9	8.6
7	19.5	30.0	24.0	72.7	1.3	0.0	1.3	5.7
8	19.6	32.0	25.3	66.0	4.3	0.0	4.3	6.1
9	19.4	32.1	23.0	75.7	2.6	1.3	3.9	5.6
10	19.0	28.8	23.2	74.7	2.3	0.0	2.3	1.2
11	19.2	32.9	24.3	72.7	0.0	12.2	12.2	5.9
12	19.0	29.9	22.6	78.7	.2	0.0	.2	3.5
13	19.9	31.7	24.5	71.3	0.0	5.9	5.9	4.8
14	19.5	31.5	22.0	74.0	23.9	1.2	25.1	3.8
15	17.5	31.0	23.9	71.7	0.0	1.1	1.1	7.3
16	20.0	31.4	25.2	65.3	0.0	0.0	0.0	8.4
17	20.7	31.0	25.0	65.3	0.0	2.2	2.2	6.6
18	19.6	32.5	25.7	64.0	0.0	0.0	0.0	8.6
19	20.2	33.0	25.6	62.0	0.0	0.0	0.0	8.2
20	20.0	32.9	26.4	60.3	0.0	0.0	0.0	8.6
21	18.0	32.8	26.0	58.7	0.0	0.0	0.0	9.0
22	19.0	32.7	25.2	63.7	0.0	0.0	0.0	7.3
23	21.0	30.8	25.3	67.7	11.0	3.8	14.8	5.4
24	19.0	29.0	24.1	69.7	0.0	.5	.5	6.3
25	19.9	31.0	24.8	69.0	.2	7.2	7.4	6.4
26	20.0	27.8	22.1	78.7	7.6	4.4	12.0	.6
27	18.9	28.2	23.1	76.7	0.0	2.9	2.9	3.5
28	19.0	25.0	21.2	84.0	1.4	0.0	1.4	0.0
29	18.5	29.2	23.2	73.3	0.0	0.0	0.0	7.5
30	17.5	30.8	23.8	70.0	4.7	0.0	4.7	7.1
31	19.0	28.0	23.3	73.7	4.2	0.0	4.2	3.1
TOTAL PROMEDIO	19.3	30.8	24.2	69.8	65.9	68.5	134.4	179.3

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	28.2	22.6	67.7	0.0	.7	.7	4.3
2	18.5	30.0	23.5	64.7	0.0	0.0	0.0	5.9
3	16.5	31.0	25.0	60.3	0.0	0.0	0.0	9.4
4	19.2	32.0	25.6	63.3	0.0	0.0	0.0	7.6
5	19.0	30.4	25.1	64.7	0.0	.3	.3	5.7
6	18.9	29.3	23.2	71.0	0.0	4.8	4.8	4.0
7	19.8	30.7	23.8	67.3	0.0	0.0	0.0	6.8
8	19.0	29.9	23.2	76.7	1.9	9.1	11.0	2.9
9	19.8	30.0	23.4	73.7	.3	1.7	2.0	4.9
10	20.0	30.8	24.6	68.3	.2	0.0	.2	6.1
11	19.5	31.4	25.2	65.3	0.0	49.7	49.7	4.5
12	20.0	27.8	23.2	76.3	4.4	0.0	4.4	2.3
13	19.2	29.0	23.1	71.3	0.0	0.0	0.0	4.3
14	18.4	29.9	24.3	64.7	.1	3.9	4.0	7.1
15	19.0	31.6	24.5	67.0	0.0	0.0	0.0	8.3
16	18.4	32.0	25.7	64.0	0.0	0.0	0.0	9.9
17	19.8	29.2	23.6	77.3	.2	0.0	.2	2.7
18	18.8	31.0	25.1	67.3	0.0	0.0	0.0	7.6
19	20.6	32.0	25.6	65.0	0.0	0.0	0.0	8.1
20	19.8	32.8	24.1	74.3	.3	0.0	.3	8.1
21	18.5	30.8	24.5	71.7	0.0	0.0	0.0	7.0
22	18.8	32.2	25.4	70.7	.1	.1	.2	3.1
23	20.8	32.0	24.3	75.3	.2	.2	.4	5.7
24	20.6	33.0	26.2	65.7	0.0	55.1	55.1	8.0
25	19.8	32.4	25.6	72.0	0.0	2.2	2.2	4.3
26	20.8	31.4	24.6	77.0	0.0	0.0	0.0	2.9
27	19.8	31.2	24.5	74.7	1.9	0.0	1.9	7.0
28	19.6	31.0	24.8	75.3	.2	0.0	.2	.6
29	19.0	31.0	25.6	70.3	0.0	2.3	2.3	4.5
30	20.0	32.0	25.1	71.7	0.0	5.6	5.6	7.4
31								
TOTAL PROMEDIO	19.3	30.9	24.5	69.8	9.8	135.7	145.5	171.0

ESTACION: INGENIO RISARALDA

DPTO: RISARALDA

LATITUD : 04° 55'N

AÑO: 1991

MPIO: BALBOA

LONGITUD : 75° 54'W

ALTITUD : 1000 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.3	30.0	24.6	75.7	0.0	0.0	0.0	6.7
2	20.0	30.8	24.9	77.0	0.0	5.9	5.9	3.6
3	20.5	26.8	23.7	84.0	0.0	0.0	0.0	0.0
4	20.2	30.0	23.1	79.7	18.1	20.6	38.7	2.1
5	20.0	29.0	24.0	79.7	4.7	0.0	4.7	3.0
6	20.2	31.6	24.9	72.0	0.0	0.0	0.0	6.3
7	20.3	31.8	24.9	70.3	.6	0.0	.6	4.3
8	20.8	32.9	26.1	65.0	0.0	0.0	0.0	7.7
9	20.7	30.0	24.6	75.7	0.0	0.0	0.0	
10	19.5	32.0	24.9	73.7	0.0	0.0	0.0	6.1
11	20.6	31.0	25.6	73.7	0.0	1.7	1.7	4.6
12	20.0	31.2	23.7	78.0	10.4	5.8	16.2	5.9
13	20.5	31.4	25.8	74.3	0.0	0.0	0.0	8.7
14	21.5	29.9	25.5	76.0	0.0	34.3	34.3	.1
15	20.8	32.2	25.4	73.3	.1	.1	.2	5.9
16	21.0	28.2	24.0	82.0	.2	.3	.5	.4
17	20.7	26.5	21.8	94.3	25.6	9.3	34.9	.3
18	19.8	28.0	22.9	81.0	3.1	.5	3.6	1.2
19	19.8	29.0	23.9	74.7	0.0	11.8	11.8	3.2
20	20.0	31.0	23.7	77.0	.9	17.9	18.8	4.7
21	20.5	27.0	22.8	86.0	0.0	.2	.2	.4
22	20.6	25.9	22.8	86.3	0.0	0.0	0.0	.3
23	19.8	30.4	24.1	78.7	.3	20.4	20.7	4.4
24	19.9	28.2	23.3	78.3	0.0	0.0	0.0	3.4
25	18.2	32.2	24.9	71.3	0.0	0.0	0.0	6.9
26	19.8	31.9	25.2	70.0	0.0	5.5	5.5	4.9
27	19.4	32.5	25.1	68.7	0.0	0.0	0.0	8.7
28	19.5	31.0	25.9	68.3	0.0	0.0	0.0	8.6
29	19.2	30.8	24.9	72.3	0.0	6.9	6.9	6.1
30	20.6	26.5	23.0	86.3	3.2	0.0	3.2	.3
31	19.0	31.0	24.4	76.7	0.0	31.8	31.8	2.9
TOTAL PROMEDIO	20.1	30.0	24.3	76.8	67.2	173.0	240.2	

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	19.9	28.0	23.5	76.7	4.9	0.0	4.9	2.4
2	19.0	30.0	23.4	77.3	8.5	67.3	75.8	5.5
3	19.8	29.0	23.1	82.0	0.0	0.0	0.0	2.4
4	20.0	32.0	23.9	77.0	8.3	.1	8.4	6.7
5	20.1	29.0	23.2	79.3	0.0	10.7	10.7	1.2
6	19.5	29.1	24.1	79.0	0.0	0.0	0.0	3.6
7	20.0	32.0	26.0	64.7	0.0	0.0	0.0	9.0
8	19.8	31.0	25.5	71.3	0.0	0.0	0.0	4.9
9	20.0	32.2	25.5	68.7	0.0	0.0	0.0	7.6
10	19.4	31.2	26.0	67.7	0.0	0.0	0.0	6.2
11	19.5	33.1	26.5	66.7	0.0	0.0	0.0	8.0
12	19.0	31.8	26.0	69.7	0.0	0.0	0.0	5.6
13	18.9	31.2	25.1	69.7	0.0	8.4	8.4	5.4
14	19.9	29.0	24.3	72.7	0.0	3.2	3.2	4.1
15	20.0	30.8	24.9	68.0	0.0	3.2	3.2	6.8
16	19.9	28.4	23.3	76.7	.2	10.7	10.9	2.9
17	20.2	28.2	22.6	80.7	6.4	0.0	6.4	3.0
18	17.5	30.0	24.4	65.0	0.0	.2	.2	7.7
19	19.1	29.2	23.6	78.7	2.1	0.0	2.1	3.0
20	18.4	30.0	23.8	72.3	0.0	1.5	1.5	5.2
21	20.0	28.9	23.0	76.3	0.0	0.0	0.0	2.8
22	19.9	29.0	23.8	71.3	0.0	40.8	40.8	5.4
23	19.8	29.8	24.2	74.0	0.0	1.7	1.7	5.4
24	20.0	29.2	23.8	74.3	0.0	3.5	3.5	4.4
25	19.0	30.0	23.7	73.0	.1	4.1	4.2	5.1
26	19.5	29.0	23.9	71.3	0.0	30.0	30.0	4.6
27	20.0	29.5	24.0	73.3	0.0	23.1	23.1	4.7
28	18.3	29.0	23.5	73.0	0.0	0.0	0.0	5.9
29	18.5	28.6	23.3	77.7	0.0	0.0	0.0	2.8
30	18.2	28.0	23.5	74.0	.1	0.0	.1	4.2
31								
TOTAL PROMEDIO	19.4	29.9	24.2	73.4	30.6	208.5	239.1	146.5

ESTACION: INGENIO RISARALDA

DPTO: RISARALDA

LATITUD : 04° 55'N

LONGITUD: 75° 54'W

AÑO: 1991

MPIO: BALBOA

ALTITUD : 1000 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	19.0	29.2	24.2	75.0	.1	0.0	.1	4.7
2	19.2	30.5	25.1	68.0	0.0	.2	.2	7.9
3	19.1	29.4	24.1	75.0	0.0	0.0	0.0	3.5
4	20.0	28.2	23.4	78.0	0.0	12.1	12.1	1.6
5	19.5	27.5	22.7	78.7	.4	20.6	21.0	2.3
6	18.0	28.0	23.5	70.0	0.0	0.0	0.0	4.6
7	19.4	29.8	22.9	75.3	.3	0.0	.3	5.0
8	19.2	31.0	24.1	73.0	0.0	15.7	15.7	6.8
9	18.8	30.0	23.9	74.0	0.0	0.0	0.0	6.2
10	18.0	30.4	24.4	70.0	0.0	0.0	0.0	7.1
11	19.4	30.0	25.1	72.0	0.0	5.2	5.2	6.1
12	19.0	29.4	23.7	73.3	0.0	26.7	26.7	3.0
13	19.1	29.9	24.1	72.7	0.0	0.0	0.0	6.5
14	16.5	31.0	24.5	65.3	0.0	0.0	0.0	9.1
15	18.8	30.6	24.4	68.3	0.0	0.0	0.0	6.0
16	17.5	30.2	24.7	67.7	0.0	0.0	0.0	5.7
17	17.9	29.7	24.3	62.7	0.0	.3	.3	6.4
18	19.8	29.3	24.5	66.3	0.0	0.0	0.0	5.0
19	17.9	31.9	25.0	65.7	0.0	0.0	0.0	7.2
20	18.0	29.5	24.9	64.3	0.0	0.0	0.0	1.1
21	19.8	31.0	25.0	68.7	0.0	0.0	0.0	5.1
22	19.9	31.2	25.5	66.3	0.0	0.0	0.0	5.9
23	18.3	32.0	25.6	66.0	0.0	0.0	0.0	7.2
24	18.7	30.0	23.6	73.3	0.0	0.0	0.0	0.0
25	18.0	31.0	24.1	70.3	.2	0.0	.2	6.3
26	16.5	31.1	24.9	66.3	0.0	0.0	0.0	4.7
27	19.5	30.7	23.9	72.7	0.0	0.0	0.0	3.2
28	18.0	29.0	24.4	70.0	0.0	4.5	4.5	4.5
29	19.5	32.1	24.0	75.0	5.8	.2	6.0	3.6
30	20.8	32.8	25.9	72.3	3.8	13.5	17.3	.8
31	19.4	30.9	24.9	78.3	9.3	2.0	11.3	.1
TOTAL					19.9	101.0	120.9	147.2
PROMEDIO	18.8	30.2	24.3	70.8				

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	20.8	32.0	25.9	72.7	.6	0.0	.6	3.2
2	21.0	27.5	23.9	82.7	0.0	0.0	0.0	8.2
3	20.8	30.2	23.3	76.7	0.0	0.0	0.0	9.3
4	20.7	29.9	23.9	78.7	0.0	0.0	0.0	7.2
5	20.6	31.0	24.0	76.3	0.0	0.0	0.0	2.8
6	19.8	28.0	22.2	79.3	0.0	0.0	0.0	5.0
7	19.2	25.8	21.3	81.3	0.0	42.3	42.3	5.6
8	18.6	28.0	22.8	77.3	0.0	15.5	15.5	7.2
9	17.5	30.0	24.2	69.3	0.0	6.7	6.7	6.1
10	19.4	31.0	24.6	66.0	0.0	0.0	0.0	4.2
11	16.8	30.0	24.1	64.7	0.0	0.0	0.0	7.8
12	19.0	29.2	23.5	68.3	0.0	0.0	0.0	5.8
13	16.0	31.8	24.0	58.0	0.0	0.0	0.0	8.8
14	16.8	31.0	23.7	65.3	0.0	0.0	0.0	5.8
15	16.0	32.0	25.6	54.3	0.0	0.0	0.0	6.5
16	15.5	31.0	24.2	66.3	0.0	0.0	0.0	7.6
17	16.2	29.0	22.7	72.3	0.0	.8	.8	4.0
18	18.2	28.4	23.5	66.7	0.0	0.0	0.0	4.2
19	17.2	30.0	24.8	68.7	0.0	0.0	0.0	5.5
20	17.0	31.3	25.2	60.3	0.0	0.0	0.0	8.6
21	18.2	31.2	24.9	65.3	0.0	0.0	0.0	4.1
22	16.5	31.0	24.1	69.0	0.0	0.0	0.0	4.5
23	16.2	32.0	23.9	68.7	.2	.4	.6	6.2
24	16.5	32.2	24.9	60.3	0.0	0.0	0.0	7.9
25	18.0	31.0	25.3	61.0	0.0	0.0	0.0	6.0
26	17.5	32.5	25.6	63.3	0.0	0.0	0.0	8.5
27	18.1	31.2	25.1	65.0	0.0	0.0	0.0	4.0
28	18.0	33.0	26.1	55.3	0.0	0.0	0.0	8.6
29	14.8	32.8	24.3	59.3	0.0	0.0	0.0	6.1
30	15.7	32.0	24.2	65.3	0.0	0.0	0.0	3.8
31	18.5	31.0	25.1	63.7	.4	0.0	.4	5.8
TOTAL					1.2	65.7	66.9	188.9
PROMEDIO	17.9	30.5	24.2	67.8				

ESTACION: INGENIO RISARALDA

DPTO: RISARALDA

LATITUD : 04° 55'N

AÑO: 1991

MPIO: BALBOA

LONGITUD: 75° 54'W

ALTITUD : 1000 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.9	32.2	25.8	57.0	.1	0.0	.1	7.7
2	16.5	33.2	25.9	60.3	0.0	0.0	0.0	8.4
3	19.0	31.0	24.7	68.7	0.0	0.0	0.0	0.0
4	17.5	34.0	25.4	63.3	0.0	0.0	0.0	7.9
5	16.9	33.8	25.5	61.0	0.0	0.0	0.0	8.4
6	17.5	32.0	25.2	63.7	0.0	0.0	0.0	4.7
7	16.8	33.4	25.8	60.0	0.0	0.0	0.0	7.5
8	17.2	33.5	25.7	61.3	0.0	0.0	0.0	7.1
9	18.0	33.4	25.5	64.7	.4	0.0	.4	7.2
10	18.8	34.5	25.6	58.0	.1	0.0	.1	7.6
11	17.8	34.2	26.2	45.7	.1	0.0	.1	7.5
12	14.5	34.1	25.4	47.7	.1	0.0	.1	8.7
13	15.2	33.4	25.3	54.0	0.0	0.0	0.0	8.4
14	17.5	31.5	25.3	50.7	0.0	21.7	21.7	2.9
15	19.0	28.5	23.8	69.7	0.0	28.3	28.3	1.6
16	19.2	26.2	21.9	81.3	10.5	.8	11.3	.1
17	19.8	32.0	23.8	71.0	.1	.6	.7	7.6
18	20.8	31.2	23.9	70.0	1.0	0.0	1.0	5.6
19	20.4	31.0	24.5	72.3	0.0	7.9	7.9	3.7
20	20.0	28.4	21.9	78.3	27.3	1.0	28.3	.8
21	18.4	30.0	22.9	72.0	0.0	5.2	5.2	4.7
22	20.0	29.9	22.4	74.3	1.6	40.7	42.3	4.7
23	18.8	30.1	23.8	68.0	0.0	5.3	5.3	6.7
24	20.8	28.0	22.4	82.3	.3	0.0	.3	1.0
25	18.6	30.8	22.8	74.3	13.0	4.9	17.9	3.9
26	19.8	29.4	24.5	69.0	0.0	.2	.2	5.1
27	20.0	30.8	23.4	72.7	1.9	0.0	1.9	4.1
28	19.4	31.7	25.3	63.3	0.0	.1	.1	7.1
29	19.8	30.4	23.9	66.7	0.0	0.0	0.0	7.0
30	19.4	32.4	23.6	73.0	13.5	11.7	25.2	7.3
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	18.5	31.5	24.4	65.8	70.0	128.4	198.4	165.0

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	19.9	30.0	23.1	73.3	.3	1.2	1.5	4.3
2	20.0	29.9	24.0	71.3	0.0	1.2	1.2	5.3
3	19.5	30.0	24.2	64.0	0.0	0.0	0.0	7.2
4	18.9	31.4	24.6	62.7	0.0	0.0	0.0	6.0
5	18.2	30.8	23.0	73.0	.7	.4	1.1	7.2
6	17.9	30.5	23.6	64.7	0.0	0.0	0.0	8.0
7	19.0	30.2	24.5	69.7	0.0	0.0	0.0	6.2
8	19.8	30.3	23.9	64.3	.6	2.0	2.6	4.0
9	20.0	30.4	23.3	76.7	.2	.8	1.0	4.2
10	19.9	28.2	22.3	76.0	0.0	0.0	0.0	2.2
11	19.2	30.1	23.1	71.3	0.0	0.0	0.0	5.2
12	16.9	31.2	24.0	64.0	0.0	0.0	0.0	7.7
13	17.9	31.0	23.4	64.7	.9	0.0	.9	6.5
14	16.5	32.0	24.5	58.0	0.0	31.5	31.5	9.7
15	16.4	29.8	23.2	68.7	0.0	0.0	0.0	7.6
16	17.0	31.0	24.0	61.7	0.0	0.0	0.0	9.0
17	18.0	30.4	24.7	63.3	0.0	.1	.1	5.6
18	20.0	27.8	22.7	70.0	0.0	0.0	0.0	2.8
19	16.4	28.8	22.1	69.0	0.0	0.0	0.0	2.4
20	16.3	30.6	24.2	65.0	0.0	0.0	0.0	8.2
21	15.4	32.9	24.5	58.7	0.0	0.0	0.0	9.0
22	17.0	31.0	24.5	66.0	0.0	0.0	0.0	6.6
23	17.8	31.9	25.0	65.7	0.0	0.0	0.0	7.6
24	18.9	30.8	24.6	68.0	0.0	0.0	0.0	0.0
25	19.5	31.2	24.5	69.7	0.0	1.1	1.1	5.7
26	18.9	31.4	25.2	66.3	0.0	.1	.1	7.8
27	20.0	28.9	23.1	74.0	2.1	0.0	2.1	2.8
28	17.4	30.5	22.4	73.0	0.0	0.0	0.0	6.6
29	18.0	30.4	23.4	70.0	0.0	0.0	0.0	8.9
30	19.0	29.4	24.6	68.0	0.0	0.0	0.0	3.3
31	18.8	30.0	24.7	67.7	0.0	0.0	0.0	4.9
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	18.3	30.4	23.8	67.7	4.8	38.4	43.2	182.5

ESTACION: INGENIO RISARALDA

DPTO: RISARALDA

LATITUD : 04° 55'N

AÑO: 1991

MPIO: BALBOA

LONGITUD: 75° 54'W
ALTITUD : 1000 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	29.0	23.5	71.3	0.0	3.0	3.0	2.5
2	19.5	29.2	23.1	73.7	0.0	0.0	0.0	3.0
3	18.5	31.5	23.4	68.7	0.0	7.6	7.6	7.2
4	19.5	29.2	22.7	77.0	4.3	0.0	4.3	4.8
5	19.8	30.5	23.4	72.7	0.0	0.0	0.0	3.8
6	18.8	30.8	23.6	71.0	0.0	0.0	0.0	3.8
7	19.0	30.0	23.7	71.0	0.0	0.0	0.0	6.5
8	19.4	28.0	22.1	79.0	20.2	0.0	20.2	2.1
9	19.8	29.0	23.2	68.7	0.0	18.5	18.5	4.9
10	19.0	29.6	23.2	73.3	0.0	.3	.3	6.5
11	18.0	31.4	24.6	68.0	0.0	0.0	0.0	6.3
12	19.8	32.2	25.3	67.0	.1	14.3	14.4	8.4
13	20.5	29.6	23.9	72.3	1.1	.1	1.2	2.2
14	20.4	29.0	23.0	77.7	1.3	0.0	1.3	5.3
15	20.8	29.2	22.8	78.0	20.6	1.4	22.0	3.9
16	18.0	29.9	23.6	63.0	0.0	1.9	1.9	9.3
17	19.0	30.9	23.2	70.3	.2	0.0	.2	8.2
18	17.8	32.1	24.6	67.3	0.0	0.0	0.0	8.4
19	19.4	30.2	24.5	71.7	0.0	0.0	0.0	2.0
20	18.4	32.2	24.6	66.7	0.0	0.0	0.0	6.2
21	20.0	31.5	23.6	75.3	5.3	0.0	5.3	5.3
22	20.8	29.9	24.9	68.7	0.0	0.0	0.0	6.1
23	19.8	30.0	25.1	68.7	0.0	.9	.9	5.7
24	19.6	28.4	24.5	68.3	0.0	10.6	10.6	2.6
25	19.7	25.0	21.7	81.3	0.0	0.0	0.0	0.0
26	18.0	29.0	22.8	72.3	0.0	0.0	0.0	4.9
27	17.8	28.5	23.8	73.0	0.0	0.0	0.0	.5
28	19.5	28.6	24.0	71.0	0.0	4.0	4.0	4.2
29	19.0	25.2	22.2	79.3	.3	0.0	.3	0.0
30	18.0	30.0	22.9	71.7	0.0	0.0	0.0	6.5
31								
TOTAL					53.4	62.6	116.0	141.1
PROMEDIO	19.2	29.7	23.6	71.9				

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	31.0	24.2	67.0	.9	2.9	3.8	9.0
2	19.5	29.0	23.3	77.3	1.4	6.1	7.5	.9
3	20.0	30.0	22.8	73.7	.2	0.0	.2	5.5
4	19.0	29.9	24.2	70.3	0.0	9.3	9.3	8.8
5	19.8	23.2	20.7	88.3	2.5	0.0	2.5	0.0
6	16.8	28.6	22.4	75.7	0.0	0.0	0.0	8.5
7	19.8	30.3	24.7	68.0	0.0	2.1	2.1	6.6
8	20.0	30.2	23.8	71.7	3.3	1.4	4.7	5.8
9	20.4	26.0	22.7	76.0	0.0	0.0	0.0	0.0
10	18.5	29.5	23.9	66.7	0.0	0.0	0.0	7.4
11	19.0	30.0	24.4	67.0	0.0	1.2	1.2	6.3
12	19.5	31.0	25.0	68.0	0.0	5.4	5.4	6.1
13	20.0	30.5	24.3	67.3	0.0	0.0	0.0	5.4
14	19.0	27.3	23.3	70.7	0.0	.5	.5	0.0
15	20.0	27.5	23.8	70.3	0.0	10.6	10.6	0.0
16	19.0	28.8	23.2	65.3	0.0	0.0	0.0	3.4
17	20.0	24.0	21.4	80.3	0.0	0.0	0.0	.2
18	18.0	30.0	23.8	64.7	0.0	.1	.1	7.7
19	18.2	30.8	23.4	69.3	0.0	0.0	0.0	5.8
20	18.0	30.0	23.9	65.7	0.0	0.0	0.0	5.6
21	18.1	30.4	24.4	63.3	0.0	12.4	12.4	5.4
22	18.7	25.8	22.3	76.0	0.0	0.0	0.0	.9
23	18.8	30.8	23.8	68.3	0.0	0.0	0.0	4.6
24	18.0	31.2	24.5	64.0	0.0	0.0	0.0	8.4
25	16.8	31.0	23.4	65.0	0.0	.7	.7	5.7
26	18.5	32.0	24.4	62.7	0.0	0.0	0.0	8.7
27	18.0	31.2	24.8	60.7	0.0	0.0	0.0	7.7
28	19.5	31.0	24.5	62.0	0.0	17.1	17.1	5.2
29	18.4	28.0	21.7	75.7	0.0	0.0	0.0	3.0
30	16.8	31.0	24.0	64.0	0.0	0.0	0.0	8.8
31	17.5	31.2	24.7	60.7	0.0	0.0	0.0	9.0
TOTAL					8.3	69.8	78.1	160.4
PROMEDIO	18.8	29.4	23.6	69.2				

Estación: INGENIO RISARALDA

Dpto.: RISARALDA

Latitud : 04° 55'N

Año: 1991

Mpio.: BALBOA

Longitud: 75° 54'W

Altitud : 1000 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	18.5	31.5	24.7	15.2	35.8	65.2	81.0	8	213.8
FEBRERO	19.1	31.9	25.2	17.0	34.0	65.6	46.0	8	176.8
MARZO	19.3	30.8	24.2	17.5	33.2	69.8	134.4	20	179.3
ABRIL	19.3	30.9	24.5	16.5	33.0	69.8	145.5	16	171.0
MAYO	20.1	30.0	24.3	18.2	32.9	76.8	240.2	17	
JUNIO	19.4	29.9	24.2	17.5	33.1	73.4	239.1	16	146.5
JULIO	18.8	30.2	24.3	16.5	32.8	70.8	120.9	12	147.2
AGOSTO	17.9	30.5	24.2	14.8	33.0	67.8	66.9	6	188.9
SEPTIEMBRE	18.5	31.5	24.4	14.5	34.5	65.8	198.4	20	165.0
OCTUBRE	18.3	30.4	23.8	15.4	32.9	67.7	43.2	10	182.5
NOVIEMBRE	19.2	29.7	23.6	17.8	32.2	71.9	116.0	15	141.1
DICIEMBRE	18.8	29.4	23.6	16.8	32.0	69.2	78.1	15	160.4
	====	====	====	====	====	====	====	====	====
PROMEDIO	18.9	30.5	24.2			69.5			
ABSOLUTA				14.5	35.8				
TOTAL							1509.7	163	

ESTACION: LA CATALINA

DPTO: RISARALDA

LATITUD : 04° 45'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 45'W
ALTITUD : 1350 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	27.2	21.8	75.3	0.0	0.0	0.0	4.9
2	17.8	28.2	22.0	79.7	2.6	1.5	4.1	6.4
3	18.6	27.8	22.5	76.3	1.4	.1	1.5	4.1
4	19.0	28.0	22.9	78.7	0.0	0.0	0.0	5.4
5	18.9	29.0	23.2	75.7	0.0	0.0	0.0	4.6
6	18.2	28.5	22.3	76.0	0.0	0.0	0.0	6.7
7	18.0	27.5	21.8	81.0	.6	0.0	.6	5.8
8	17.8	30.0	22.9	75.7	0.0	0.0	0.0	7.1
9	18.5	30.1	23.9	75.0	0.0	0.0	0.0	6.6
10	18.9	30.0	23.8	70.7	0.0	0.0	0.0	6.1
11	19.0	27.0	21.8	79.3	.2	6.4	6.6	2.3
12	18.2	27.8	22.3	79.0	0.0	22.8	22.8	6.1
13	17.5	27.0	21.6	81.7	.6	20.0	20.6	5.0
14	18.0	26.9	20.8	84.0	4.8	.4	5.2	2.0
15	17.9	27.2	21.4	80.7	0.0	0.0	0.0	7.2
16	15.8	29.0	22.0	71.0	0.0	0.0	0.0	10.0
17	18.0	27.3	22.4	78.0	0.0	0.0	0.0	2.2
18	18.7	27.8	21.6	78.3	0.0	0.0	0.0	4.8
19	18.0	28.0	21.0	80.0	22.8	.5	23.3	5.8
20	18.1	27.2	22.5	75.7	0.0	0.0	0.0	5.8
21	17.8	29.2	23.2	72.7	0.0	0.0	0.0	9.2
22	17.6	30.0	22.9	70.0	0.0	0.0	0.0	8.0
23	16.4	29.2	22.1	68.3	0.0	0.0	0.0	10.0
24	16.2	29.3	23.0	72.0	0.0	0.0	0.0	8.6
25	16.9	30.0	23.4	70.3	0.0	0.0	0.0	9.0
26	16.8	29.0	22.4	69.3	0.0	0.0	0.0	7.9
27	16.9	28.6	22.6	71.3	0.0	0.0	0.0	6.9
28	16.8	31.8	24.1	61.7	0.0	0.0	0.0	9.4
29	17.3	31.2	24.0	71.3	0.0	0.0	0.0	9.3
30	18.8	29.5	21.9	79.7	1.4	0.0	1.4	2.9
31	18.5	29.2	23.1	74.0	0.0	0.0	0.0	7.0
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.8	28.7	22.5	75.2	34.4	51.7	86.1	197.1

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	29.1	23.7	70.7	0.0	0.0	0.0	7.9
2	17.9	28.5	22.6	71.7	0.0	47.1	47.1	3.3
3	15.8	23.4	20.0	84.3	1.5	0.0	1.5	1.8
4	15.7	27.5	21.4	76.0	0.0	0.0	0.0	6.6
5	16.8	28.5	21.7	69.0	0.0	0.0	0.0	6.3
6	17.0	28.9	23.2	71.3	0.0	0.0	0.0	8.6
7	17.9	28.2	23.0	73.3	0.0	0.0	0.0	5.3
8	17.8	28.6	22.7	76.3	0.0	0.0	0.0	5.3
9	16.9	30.0	23.4	69.0	0.0	0.0	0.0	9.8
10	17.8	30.5	24.3	68.7	0.0	0.0	0.0	10.1
11	17.6	29.2	23.5	72.7	0.0	0.0	0.0	6.8
12	18.5	29.3	22.9	75.7	0.0	0.0	0.0	3.6
13	18.0	29.0	22.4	78.7	0.0	0.0	0.0	5.4
14	17.9	29.8	23.4	76.3	0.0	0.0	0.0	6.8
15	17.5	27.9	23.3	76.7	0.0	1.7	1.7	3.6
16	18.0	26.4	21.6	84.7	.2	0.0	.2	1.2
17	17.0	30.0	23.2	74.3	0.0	19.8	19.8	8.5
18	18.5	27.2	22.2	82.0	0.0	0.0	0.0	3.5
19	18.6	26.8	22.6	76.7	0.0	.6	.6	4.1
20	18.4	28.2	23.1	71.3	0.0	0.0	0.0	6.3
21	18.5	28.4	22.8	67.7	0.0	0.0	0.0	6.3
22	18.7	29.5	24.0	71.7	0.0	0.0	0.0	7.5
23	18.0	30.5	24.1	71.0	0.0	0.0	0.0	8.1
24	19.0	30.2	24.8	62.7	0.0	0.0	0.0	7.0
25	17.5	30.4	23.9	70.0	0.0	0.0	0.0	7.6
26	18.8	27.0	21.9	83.7	.3	0.0	.3	2.5
27	18.9	28.2	22.1	79.7	0.0	.9	.9	4.5
28	18.0	28.1	21.8	81.0	1.4	0.0	1.4	3.2
29								
30								
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.8	28.5	22.8	74.5	3.4	70.1	73.5	161.6

ESTACION: LA CATALINA

DPTO: RISARALDA

LATITUD : 04° 45'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 45'W

ALTITUD : 1350 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	27.5	21.0	77.7	2.6	17.0	19.6	4.2
2	18.0	26.5	21.8	83.0	0.0	5.4	5.4	5.7
3	17.5	28.0	22.3	76.0	0.0	0.0	0.0	6.3
4	18.0	29.9	23.0	72.7	0.0	23.8	23.8	8.2
5	16.8	28.2	22.4	73.0	0.0	0.0	0.0	5.5
6	18.2	29.8	23.4	69.7	0.0	19.9	19.9	7.2
7	17.0	27.9	20.5	81.3	2.7	.3	3.0	6.7
8	17.2	28.5	23.0	74.7	0.0	3.6	3.6	6.7
9	18.5	28.0	21.2	78.0	0.0	3.4	3.4	5.8
10	18.1	25.8	20.8	84.3	2.3	0.0	2.3	1.8
11	18.0	28.7	22.3	77.3	0.0	0.0	0.0	4.6
12	17.8	25.0	21.1	84.7	.7	0.0	.7	.5
13	18.0	28.0	21.3	78.3	8.9	5.2	14.1	4.0
14	17.0	28.9	20.1	80.3	20.2	0.0	20.2	4.8
15	15.0	26.8	21.7	78.0	0.0	0.0	0.0	5.1
16	18.6	28.0	22.9	74.7	0.0	.3	.3	4.3
17	18.9	28.2	22.4	81.0	1.0	4.1	5.1	5.7
18	18.0	29.4	23.3	75.0	0.0	0.0	0.0	7.1
19	19.4	30.0	23.7	70.7	0.0	0.0	0.0	8.4
20	17.9	29.9	23.9	65.3	0.0	0.0	0.0	8.1
21	17.5	30.0	23.3	69.0	0.0	0.0	0.0	9.4
22	18.5	28.8	22.0	80.7	19.7	0.0	19.7	5.5
23	17.7	28.0	22.7	75.3	0.0	8.8	8.8	4.5
24	17.8	26.8	21.3	82.3	.2	4.7	4.9	4.8
25	17.9	28.0	22.4	77.7	0.0	19.9	19.9	5.5
26	18.0	23.2	19.9	89.7	0.0	19.8	19.8	.3
27	16.0	25.2	19.8	86.7	.1	.7	.8	1.3
28	17.5	23.5	19.1	85.3	3.5	0.0	3.5	0.0
29	15.0	27.5	21.3	77.0	0.0	0.0	0.0	9.0
30	17.5	28.4	22.6	71.3	0.0	3.1	3.1	8.3
31	17.0	25.5	20.9	76.3	10.0	0.0	10.0	3.1
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.6	27.7	21.8	77.6	71.9	140.0	211.9	162.4

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	27.2	21.2	75.3	0.0	.1	.1	7.5
2	18.0	28.2	22.1	72.0	.6	0.0	.6	4.7
3	16.9	28.4	23.0	68.3	0.0	0.0	0.0	7.4
4	17.2	28.5	22.6	76.0	0.0	0.0	0.0	4.9
5	17.8	28.2	22.5	75.7	0.0	9.7	9.7	5.5
6	18.0	27.2	22.5	75.7	0.0	.1	.1	4.3
7	18.6	28.5	22.2	75.3	.7	0.0	.7	5.5
8	18.5	26.7	21.2	86.3	9.4	5.3	14.7	1.9
9	17.8	26.0	21.1	80.3	.5	1.9	2.4	2.7
10	17.9	27.0	22.0	78.7	0.0	0.0	0.0	1.6
11	18.7	28.8	22.1	80.7	21.4	8.9	30.3	5.2
12	18.6	24.1	21.1	82.3	0.0	0.0	0.0	.7
13	18.2	26.8	21.2	77.7	0.0	.7	.7	6.0
14	18.6	28.2	22.2	74.7	.5	40.0	40.5	6.4
15	16.0	27.8	21.5	78.0	0.0	0.0	0.0	7.4
16	16.5	29.0	23.3	72.7	0.0	0.0	0.0	9.5
17	19.0	26.5	22.1	76.7	0.0	0.0	0.0	5.8
18	17.0	28.2	22.5	74.0	0.0	0.0	0.0	7.7
19	16.9	29.4	22.7	73.7	.1	0.0	.1	5.4
20	18.0	29.5	22.1	78.3	.9	0.0	.9	7.3
21	17.6	28.8	22.7	77.0	0.0	0.0	0.0	6.6
22	17.8	28.5	23.0	78.0	0.0	0.0	0.0	3.0
23	18.5	28.2	21.9	80.3	49.4	.1	49.5	5.3
24	18.0	29.4	24.3	74.0	0.0	0.0	0.0	7.8
25	18.4	28.8	23.2	77.7	0.0	0.0	0.0	4.0
26	18.8	27.6	22.2	78.3	.4	0.0	.4	3.4
27	17.5	27.8	21.6	79.7	6.3	0.0	6.3	3.9
28	17.8	25.5	20.8	84.0	3.3	.1	3.4	.5
29	16.5	27.5	21.8	75.7	0.0	0.0	0.0	2.9
30	18.5	28.7	22.3	77.7	3.9	3.0	6.9	3.9
31	====	====	====	====	====	====	====	====
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.8	27.8	22.2	77.2	97.4	69.9	167.3	148.7

ESTACION: LA CATALINA

DPTO: RISARALDA

LATITUD : 04° 45'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 45'W
ALTITUD : 1350 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	27.4	21.7	76.0	0.0	0.0	0.0	4.9
2	18.0	28.8	22.7	78.0	0.0	11.4	11.4	3.5
3	19.0	24.7	20.9	89.3	.7	2.6	3.3	0.0
4	18.8	25.5	21.9	84.0	0.0	1.5	1.5	1.1
5	18.4	25.3	21.0	84.0	1.0	0.0	1.0	2.2
6	18.5	28.8	23.1	73.3	.4	0.0	.4	5.3
7	19.0	27.4	22.1	80.0	.2	0.0	.2	2.5
8	18.5	29.8	24.1	71.7	0.0	0.0	0.0	7.0
9	19.6	26.2	21.9	81.7	5.4	0.0	5.4	.2
10	18.0	29.2	21.9	78.7	47.5	2.1	49.6	5.3
11	17.5	26.8	22.4	82.3	.5	2.5	3.0	4.0
12	19.0	25.4	20.5	88.7	3.5	3.7	7.2	1.6
13	18.5	28.9	23.6	77.0	0.0	0.0	0.0	7.0
14	19.0	26.4	22.3	82.0	.6	0.0	.6	0.0
15	19.5	28.2	22.7	79.3	0.0	0.0	0.0	3.0
16	19.4	24.9	21.0	91.0	10.3	8.9	19.2	.3
17	18.5	23.4	19.0	94.7	29.5	0.0	29.5	.4
18	17.5	24.2	20.3	85.3	.2	12.2	12.4	.9
19	17.8	26.0	20.4	84.3	11.1	19.0	30.1	1.5
20	17.4	26.2	20.5	82.0	3.5	46.9	50.4	3.3
21	17.5	24.0	20.6	87.3	0.0	.2	.2	.4
22	17.8	22.0	19.9	90.0	2.0	.2	2.2	.2
23	17.5	25.0	20.5	85.7	.5	15.5	16.0	2.0
24	17.0	26.0	20.3	84.3	.7	0.0	.7	2.5
25	16.4	26.9	22.1	78.0	0.0	0.0	0.0	4.4
26	18.0	27.8	23.6	77.0	0.0	0.0	0.0	4.5
27	17.0	29.5	23.5	76.7	0.0	0.0	0.0	5.4
28	18.8	28.2	23.8	74.0	0.0	0.0	0.0	7.9
29	17.9	28.1	22.8	80.0	.1	0.0	.1	4.7
30	18.9	25.0	21.0	92.0	4.1	0.0	4.1	1.1
31	18.0	25.8	22.0	79.3	12.3	9.6	21.9	1.6
TOTAL	=====	=====	=====	=====	134.1	136.3	270.4	88.7
PROMEDIO	18.2	26.5	21.7	82.2				

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.5	26.6	21.6	85.0	8.1	0.0	8.1	1.1
2	17.6	25.5	21.7	81.7	.3	44.4	44.7	1.9
3	17.5	28.0	22.4	81.7	0.0	0.0	0.0	5.1
4	18.0	27.9	22.2	80.3	7.6	5.1	12.7	4.7
5	18.2	25.5	21.5	86.7	.2	0.0	.2	1.1
6	18.1	27.0	22.9	80.7	0.0	.1	.1	3.2
7	18.0	30.2	24.2	74.7	0.0	0.0	0.0	10.5
8	18.2	27.9	23.1	80.0	.5	0.0	.5	3.3
9	19.0	29.5	24.2	77.0	0.0	4.5	4.5	4.3
10	18.2	29.0	23.9	78.0	0.0	0.0	0.0	5.4
11	18.0	30.6	24.8	68.3	0.0	0.0	0.0	8.5
12	18.2	28.0	23.6	70.3	2.3	0.0	2.3	4.5
13	17.8	28.2	22.6	78.0	11.6	0.0	11.6	5.9
14	19.0	26.2	21.1	90.0	19.9	0.0	19.9	3.3
15	18.4	28.0	22.1	82.0	.1	23.0	23.1	3.9
16	17.2	24.5	20.9	86.3	.5	0.0	.5	.2
17	19.0	27.2	22.0	76.0	.1	0.0	.1	4.9
18	17.5	29.2	22.8	75.0	0.0	0.0	0.0	7.9
19	19.0	27.5	22.6	75.3	0.0	0.0	0.0	3.1
20	17.8	28.0	22.6	78.3	0.0	.1	.1	4.1
21	19.4	26.0	21.5	85.0	15.7	0.0	15.7	1.0
22	18.0	26.5	20.6	90.7	4.0	.2	4.2	2.7
23	19.0	26.3	22.3	82.0	0.0	22.5	22.5	2.1
24	16.9	26.0	21.3	83.0	2.1	0.0	2.1	3.1
25	17.0	26.8	20.7	81.7	3.9	0.0	3.9	4.8
26	18.2	26.9	21.1	80.7	.5	20.9	21.4	5.1
27	17.5	25.0	20.8	85.0	6.0	44.3	50.3	1.2
28	17.2	26.2	21.2	83.3	0.0	0.0	0.0	2.8
29	17.5	25.8	21.4	76.3	.3	0.0	.3	3.8
30	16.8	25.5	21.0	78.3	7.2	0.0	7.2	4.6
31	=====	=====	=====	=====	90.9	165.1	256.0	118.1
TOTAL	18.0	27.2	22.1	80.4				
PROMEDIO								

ESTACION: LA CATALINA

DPTO: RISARALDA

LATITUD : 04° 45'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 45'W

ALTITUD : 1350 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	26.7	22.0	80.3	.1	0.0	.1	3.7
2	17.8	28.5	23.3	75.3	0.0	0.0	0.0	6.9
3	18.1	26.2	21.6	80.0	0.0	0.0	0.0	3.5
4	18.0	25.2	21.2	82.7	.1	5.6	5.7	.7
5	17.5	24.2	19.9	90.7	1.8	2.6	4.4	1.5
6	16.5	25.5	20.5	83.7	1.0	4.0	5.0	2.1
7	18.0	25.9	20.8	81.3	.7	0.0	.7	2.4
8	17.8	26.4	21.8	78.0	2.6	0.0	2.6	4.9
9	18.0	27.8	22.3	79.3	0.0	0.0	0.0	6.4
10	17.5	28.0	21.8	78.7	0.0	0.0	0.0	4.3
11	18.6	26.2	21.9	77.0	.1	.1	.2	4.4
12	17.8	28.0	22.5	79.3	0.0	0.0	0.0	3.9
13	17.0	27.0	21.8	74.0	.3	0.0	.3	5.8
14	16.0	29.8	22.9	70.7	0.0	0.0	0.0	8.5
15	17.6	28.2	23.1	76.7	0.0	0.0	0.0	6.0
16	18.4	28.5	23.4	69.3	0.0	0.0	0.0	7.0
17	16.9	28.2	23.1	72.7	.1	3.3	3.4	6.3
18	18.0	26.6	22.6	78.0	.4	0.0	.4	3.0
19	17.8	30.1	24.0	63.0	0.0	.1	.1	9.4
20	17.5	27.0	22.3	74.7	0.0	0.0	0.0	1.8
21	18.8	28.0	22.7	79.3	0.0	0.0	0.0	4.4
22	17.5	30.2	23.7	69.0	0.0	0.0	0.0	9.4
23	17.8	30.1	24.3	70.3	0.0	0.0	0.0	7.6
24	17.6	27.6	21.9	76.3	.3	0.0	.3	.3
25	16.5	29.8	22.5	67.7	0.0	0.0	0.0	6.3
26	16.8	28.4	22.8	70.7	0.0	0.0	0.0	3.6
27	18.5	28.5	22.0	75.3	0.0	0.0	0.0	1.7
28	17.0	25.7	21.7	80.7	0.0	0.0	0.0	1.5
29	18.0	28.6	22.5	76.3	0.0	0.0	0.0	1.7
30	17.8	25.2	20.6	82.0	1.0	24.4	25.4	.4
31	17.0	25.8	18.6	85.7	21.9	2.1	24.0	0.0
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.6	27.5	22.1	76.7	30.4	42.2	72.6	129.4

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	25.1	19.8	84.7	1.5	0.0	1.5	.5
2	17.0	27.5	21.5	77.7	6.9	1.9	8.8	3.4
3	16.5	29.0	22.2	64.3	0.0	0.0	0.0	5.5
4	16.0	27.0	21.1	78.0	.6	2.8	3.4	5.4
5	17.5	25.9	21.1	83.7	.9	7.7	8.6	.2
6	17.9	28.2	22.6	73.7	0.0	0.0	0.0	3.4
7	17.8	26.8	22.1	75.0	0.0	49.9	49.9	2.7
8	17.1	27.1	20.8	78.3	.2	7.5	7.7	3.4
9	17.0	26.2	20.7	79.3	1.2	6.5	7.7	2.4
10	16.8	28.0	21.9	76.7	.1	0.0	.1	3.4
11	16.0	28.9	23.3	60.7	0.0	0.0	0.0	5.3
12	17.8	28.8	22.8	68.7	0.0	0.0	0.0	6.7
13	16.0	29.3	23.3	57.3	0.0	0.0	0.0	7.1
14	18.0	29.5	24.3	57.3	0.0	0.0	0.0	4.9
15	17.0	30.0	23.7	60.3	0.0	0.0	0.0	6.2
16	15.9	27.2	21.7	67.7	3.3	0.0	3.3	4.7
17	16.8	25.5	21.4	80.0	.2	0.0	.2	1.4
18	17.0	27.4	21.3	78.0	0.0	0.0	0.0	4.5
19	16.8	27.0	21.4	80.3	6.3	0.0	6.3	4.7
20	16.5	29.0	22.5	72.3	0.0	0.0	0.0	6.0
21	17.0	28.0	22.9	65.3	0.0	0.0	0.0	3.2
22	16.0	27.9	22.0	72.7	.4	0.0	.4	3.2
23	16.9	29.3	23.3	64.0	0.0	0.0	0.0	5.8
24	17.2	29.9	22.7	64.0	0.0	0.0	0.0	5.6
25	17.0	29.6	23.0	69.7	0.0	0.0	0.0	5.2
26	17.3	31.0	24.1	68.0	0.0	0.0	0.0	6.8
27	17.6	29.2	23.0	73.0	.3	0.0	.3	3.3
28	17.4	31.0	24.1	58.7	0.0	0.0	0.0	5.9
29	15.8	30.0	23.4	57.7	0.0	0.0	0.0	6.3
30	16.5	28.9	22.5	73.0	0.0	0.0	0.0	1.9
31	17.5	27.5	22.2	74.3	0.0	0.0	0.0	4.5
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.9	28.2	22.3	70.8	21.9	76.3	98.2	133.5

ESTACION: LA CATALINA

DPTO: RISARALDA

LATITUD : 04° 45'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 45'W

ALTITUD : 1350 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.3	30.4	24.0	57.7	0.0	0.0	0.0	3.0
2	17.0	31.9	23.9	68.3	.4	0.0	.4	7.9
3	17.5	26.8	22.2	75.0	0.0	0.0	0.0	.5
4	16.5	31.0	22.8	69.0	0.0	0.0	0.0	7.5
5	16.9	30.6	22.8	72.3	0.0	0.0	0.0	7.2
6	17.5	28.9	23.5	73.0	0.0	0.0	0.0	2.0
7	17.0	29.1	23.7	62.7	0.0	0.0	0.0	4.8
8	17.2	30.8	23.6	72.0	0.0	0.0	0.0	5.2
9	17.5	31.5	24.5	71.0	0.0	0.0	0.0	6.3
10	18.0	32.5	25.4	52.7	0.0	0.0	0.0	7.0
11	20.8	32.0	25.9	38.0	0.0	0.0	0.0	6.2
12	16.9	32.6	25.3	48.3	0.0	0.0	0.0	7.2
13	16.5	30.1	23.5	63.7	0.0	0.0	0.0	5.2
14	17.0	28.0	22.9	72.7	0.0	7.8	7.8	2.6
15	16.5	24.0	20.1	87.7	1.9	59.0	60.9	.5
16	17.0	23.8	19.7	85.7	6.1	.3	6.4	.4
17	17.4	28.5	20.8	78.7	.5	0.0	.5	4.2
18	18.0	26.2	21.5	78.7	7.9	14.3	22.2	1.7
19	17.8	27.1	21.8	78.7	23.6	0.0	23.6	4.2
20	18.2	24.1	19.6	83.0	14.5	1.5	16.0	.7
21	16.0	25.6	20.9	81.3	.6	1.3	1.9	2.2
22	18.0	25.2	20.6	81.3	2.4	14.2	16.6	1.8
23	17.0	26.5	20.8	81.3	.1	.6	.7	1.9
24	18.5	25.0	20.1	83.0	0.0	0.0	0.0	1.0
25	16.9	26.5	20.4	84.0	1.0	6.7	7.7	3.4
26	17.0	26.2	21.5	81.0	0.0	0.0	0.0	.8
27	16.8	28.4	21.2	77.0	0.0	0.0	0.0	1.4
28	17.4	28.0	21.4	76.3	2.1	2.0	4.1	6.1
29	17.8	26.8	21.8	78.0	0.0	0.0	0.0	3.4
30	18.0	28.8	20.7	79.3	29.6	42.6	72.2	6.7
31								
TOTAL PROMEDIO	17.4	28.2	22.2	73.0	90.7	150.3	241.0	113.0

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.9	26.7	20.5	80.3	1.7	0.0	1.7	2.7
2	17.0	25.0	21.5	81.7	.2	1.4	1.6	3.3
3	17.3	27.0	22.0	76.3	0.0	0.0	0.0	6.3
4	16.9	27.7	21.8	77.0	.2	0.0	.2	5.1
5	17.0	27.6	21.4	73.7	0.0	0.0	0.0	5.3
6	16.5	27.4	22.1	72.0	0.0	0.0	0.0	5.1
7	17.8	27.2	21.3	70.7	0.0	0.0	0.0	5.2
8	16.5	27.0	20.2	82.3	1.8	1.9	3.7	4.0
9	16.7	26.0	20.4	82.0	0.0	.2	.2	2.9
10	17.2	22.8	19.0	90.7	4.1	0.0	4.1	.6
11	16.0	24.5	20.0	82.7	1.0	0.0	1.0	2.5
12	15.0	27.1	20.9	73.0	.1	0.0	.1	5.4
13	17.5	26.9	21.2	76.3	0.0	0.0	0.0	4.9
14	15.0	27.5	19.5	79.0	35.8	.5	36.3	6.0
15	14.5	27.1	21.6	76.3	0.0	0.0	0.0	8.7
16	16.4	28.2	22.1	73.7	0.0	0.0	0.0	9.2
17	17.0	27.2	22.3	71.7	0.0	0.0	0.0	5.3
18	13.5	23.4	20.1	81.7	0.0	0.0	0.0	.7
19	16.0	27.2	20.3	77.7	0.0	0.0	0.0	5.1
20	15.0	28.0	23.5	60.7	0.0	0.0	0.0	8.9
21	15.8	29.0	21.9	72.3	.3	0.0	.3	8.6
22	16.6	27.9	22.2	78.0	0.0	0.0	0.0	5.6
23	16.8	28.5	21.9	75.7	0.0	0.0	0.0	7.0
24	17.4	27.0	22.1	76.7	0.0	0.0	0.0	.2
25	17.0	28.7	22.4	71.7	0.0	0.0	0.0	3.7
26	16.0	26.8	21.6	78.0	0.0	15.0	15.0	4.3
27	17.0	25.9	19.7	88.0	5.5	0.0	5.5	.6
28	16.5	27.0	20.3	80.3	0.0	0.0	0.0	4.6
29	15.4	27.4	21.1	80.0	1.6	25.0	26.6	5.9
30	16.8	27.0	21.1	77.3	1.0	0.0	1.0	3.9
31	16.5	26.2	21.0	80.3	.5	0.0	.5	1.7
TOTAL PROMEDIO	16.5	26.9	21.2	77.3	53.8	44.0	97.8	143.3

ESTACION: LA CATALINA

DPTO: RISARALDA

LATITUD : 04° 45'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 45'W

ALTITUD : 1350 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	25.0	20.8	82.7	0.0	4.9	4.9	2.0
2	17.0	24.2	19.8	82.3	2.4	.5	2.9	1.6
3	17.1	27.2	21.3	75.7	.1	0.0	.1	5.0
4	18.0	24.0	20.3	84.0	1.2	0.0	1.2	1.6
5	17.9	27.0	21.2	78.7	0.0	0.0	0.0	3.3
6	18.0	27.2	20.8	79.0	1.9	0.0	1.9	2.7
7	16.5	26.5	20.2	81.7	1.6	.4	2.0	3.2
8	17.8	24.2	19.4	86.7	7.8	2.0	9.8	1.1
9	17.0	26.0	20.0	81.7	.2	.9	1.1	3.6
10	17.1	25.5	20.3	81.0	0.0	4.8	4.8	2.3
11	17.0	28.3	22.2	73.0	0.0	9.3	9.3	5.9
12	18.0	29.0	21.9	78.7	.2	53.9	54.1	8.1
13	17.8	26.9	20.9	77.0	0.0	8.3	8.3	4.1
14	17.6	26.0	20.8	81.7	11.9	8.8	20.7	6.2
15	16.9	25.1	19.5	86.3	40.1	0.0	40.1	2.8
16	16.2	26.3	20.7	75.0	0.0	.3	.3	5.8
17	16.7	26.2	20.9	80.0	.2	.4	.6	5.8
18	16.5	26.9	21.7	73.3	0.0	1.0	1.0	4.4
19	17.0	25.4	19.8	81.7	5.3	0.0	5.3	2.2
20	16.0	27.4	21.0	78.0	0.0	0.0	0.0	4.7
21	17.8	25.9	20.9	82.3	.1	0.0	.1	3.4
22	17.0	26.8	21.0	82.7	10.3	0.0	10.3	3.9
23	17.6	27.6	22.6	78.0	0.0	.1	.1	4.7
24	17.4	27.2	21.3	82.7	0.0	34.5	34.5	3.6
25	17.5	22.0	19.3	87.0	1.8	0.0	1.8	0.0
26	16.5	27.1	21.5	77.0	0.0	0.0	0.0	5.0
27	17.8	26.0	21.9	81.0	0.0	0.0	0.0	1.8
28	18.0	24.8	20.8	85.7	13.7	3.0	16.7	1.3
29	18.1	23.0	20.0	89.7	0.0	0.0	0.0	0.0
30	17.2	27.2	21.4	77.3	0.0	0.0	0.0	4.7
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	17.2	26.1	20.8	80.7	98.8	133.1	231.9	104.8

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.3	27.9	22.0	79.7	.1	0.0	.1	4.3
2	18.0	24.2	20.8	85.3	.3	6.6	6.9	.4
3	17.9	27.5	21.4	81.0	.4	0.0	.4	3.7
4	18.0	28.2	22.7	70.7	0.0	14.9	14.9	6.5
5	17.0	20.6	18.4	94.7	1.3	0.0	1.3	0.0
6	15.0	26.8	20.8	81.3	0.0	0.0	0.0	6.7
7	17.2	28.5	23.1	74.0	0.0	.2	.2	4.8
8	19.2	28.8	22.7	79.0	0.0	2.5	2.5	5.3
9	18.2	24.8	19.9	88.0	2.6	0.0	2.6	0.0
10	16.8	27.5	21.4	75.0	0.0	0.0	0.0	6.4
11	16.6	28.0	21.9	77.0	0.0	.4	.4	3.7
12	19.2	28.9	21.8	79.0	5.9	23.1	29.0	6.8
13	17.8	28.2	22.1	78.7	0.0	0.0	0.0	6.0
14	18.5	24.9	21.3	81.3	0.0	2.5	2.5	1.0
15	18.0	24.2	20.7	87.0	0.0	8.6	8.6	1.3
16	17.5	26.2	21.3	74.7	0.0	3.8	3.8	4.0
17	17.9	21.2	19.0	86.3	.7	0.0	.7	0.0
18	16.0	27.1	21.4	75.0	0.0	0.0	0.0	7.1
19	17.4	27.9	21.8	75.3	0.0	0.0	0.0	4.7
20	18.0	27.8	22.4	74.3	0.0	0.0	0.0	5.9
21	17.8	28.0	21.9	75.7	0.0	22.6	22.6	7.2
22	18.0	24.0	20.4	84.0	.3	0.0	.3	1.4
23	17.8	27.1	21.6	77.3	0.0	0.0	0.0	5.2
24	17.4	28.4	22.7	74.0	0.0	0.0	0.0	6.9
25	17.2	27.8	22.1	76.7	0.0	0.0	0.0	6.0
26	16.8	28.0	21.9	73.3	0.0	0.0	0.0	6.8
27	17.8	29.0	22.9	70.7	0.0	.5	.5	7.7
28	18.5	28.0	22.5	73.0	0.0	61.7	61.7	3.1
29	17.2	25.1	19.9	85.3	2.5	0.0	2.5	2.8
30	17.0	28.0	22.3	75.3	0.0	0.0	0.0	8.2
31	16.5	27.5	22.0	78.0	0.0	0.0	0.0	7.5
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	17.5	26.8	21.5	78.7	14.1	147.4	161.5	141.4

Estación: LA CATALINA

Dpto.: RISARALDA

Latitud : 04° 45'N

Año: 1991

Mpio.: PEREIRA

Longitud: 75° 45'W
Altitud : 1350 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	17.8	28.7	22.5	15.8	31.8	75.2	86.1	9	197.1
FEBRERO	17.8	28.5	22.8	15.7	30.5	74.5	73.5	9	161.6
MARZO	17.6	27.7	21.8	15.0	30.0	77.6	211.9	22	162.4
ABRIL	17.8	27.8	22.2	16.0	29.5	77.2	167.3	17	149.7
MAYO	18.2	26.5	21.7	16.4	29.8	82.2	270.4	23	88.7
JUNIO	18.0	27.2	22.1	16.8	30.6	80.4	256.0	23	118.1
JULIO	17.6	27.5	22.1	16.0	30.2	76.7	72.6	14	129.4
AGOSTO	16.9	28.2	22.3	15.8	31.0	70.8	98.2	13	133.5
SEPTIEMBRE	17.4	28.2	22.2	16.0	32.6	73.0	241.0	14	113.0
OCTUBRE	16.5	26.9	21.2	14.5	29.0	77.3	97.8	15	143.3
NOVIEMBRE	17.2	26.1	20.8	15.8	29.0	80.7	231.9	24	104.8
DICIEMBRE	17.5	26.8	21.5	15.0	29.0	78.7	161.5	19	141.4
PROMEDIO	17.5	27.5	21.9			77.1			
ABSOLUTA				14.5	32.6				
TOTAL							1968.2	202	1642.0

ESTACION: EL CEDRAL

DPTO: RISARALDA

LATITUD : 04° 42'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 32'W

ALTITUD : 2120 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.0	19.2	15.9	81.0	2.0	29.0	31.0	2.0
2	12.8	19.1	15.3	83.7	6.2	.7	6.9	2.8
3	13.1	19.8	16.4	81.7	14.2	.6	14.8	.9
4	12.0	20.8	16.3	88.3	18.9	5.2	24.1	1.3
5	11.8	21.0	16.1	78.7	3.7	0.0	3.7	2.4
6	10.8	20.4	16.0	77.0	0.0	0.0	0.0	3.4
7	11.8	20.0	14.8	83.3	1.3	0.0	1.3	3.8
8	10.8	21.0	16.0	78.0	0.0	0.0	0.0	4.1
9	11.0	21.5	16.5	78.3	0.0	0.0	0.0	4.0
10	11.8	20.9	15.7	80.7	1.4	0.0	1.4	2.4
11	11.6	20.4	15.6	89.3	19.7	1.5	21.2	2.6
12	13.4	20.2	16.7	82.3	.5	5.9	6.4	1.9
13	12.8	19.4	15.9	88.0	0.0	2.9	2.9	1.0
14	13.0	20.0	15.3	85.7	19.9	.5	20.4	1.2
15	11.0	19.8	15.0	85.7	6.2	0.0	6.2	3.0
16	10.0	20.1	14.1	85.0	10.2	0.0	10.2	2.6
17	10.8	19.4	15.4	85.3	0.0	0.0	0.0	2.4
18	11.0	19.3	14.8	87.0	8.5	0.0	8.5	2.3
19	11.2	19.6	15.4	84.3	1.4	0.0	1.4	2.7
20	10.8	19.4	16.0	82.3	1.4	.3	1.7	3.6
21	10.4	20.0	15.8	78.7	0.0	0.0	0.0	4.6
22	9.8	21.2	15.1	78.3	0.0	0.0	0.0	5.2
23	10.0	21.4	14.8	75.7	0.0	0.0	0.0	6.4
24	10.7	22.1	16.0	77.3	0.0	0.0	0.0	7.0
25	11.2	22.2	15.8	76.0	0.0	0.0	0.0	5.5
26	10.6	21.8	16.0	75.7	0.0	0.0	0.0	7.1
27	12.1	21.0	15.9	82.3	0.0	0.0	0.0	3.7
28	11.8	23.1	16.3	72.0	0.0	0.0	0.0	7.0
29	11.5	21.2	16.1	80.7	0.0	0.0	0.0	4.3
30	10.8	20.2	15.4	84.0	1.5	0.0	1.5	2.4
31	11.1	21.0	16.4	78.3	0.0	0.0	0.0	4.0
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	11.4	20.5	15.7	81.4	117.0	46.6	163.6	107.4

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	11.8	21.2	16.4	81.3	0.0	0.0	0.0	3.2
2	10.9	20.5	15.3	80.3	2.2	.2	2.4	2.4
3	13.1	18.4	14.8	88.3	13.8	1.2	15.0	.2
4	10.8	17.8	14.4	85.3	3.3	0.0	3.3	2.2
5	10.0	19.2	14.6	85.7	40.0	0.0	40.0	3.4
6	10.2	21.2	14.8	84.7	68.3	0.0	68.3	4.7
7	10.1	20.2	16.0	85.7	0.0	0.0	0.0	2.5
8	11.1	20.3	15.8	83.7	0.0	0.0	0.0	2.8
9	10.4	22.1	15.8	78.7	0.0	0.0	0.0	5.8
10	11.0	23.1	16.4	76.7	0.0	0.0	0.0	7.6
11	10.8	21.8	16.0	83.0	.5	0.0	.5	3.3
12	13.1	20.8	16.4	81.7	3.8	0.0	3.8	1.5
13	13.0	21.0	16.8	86.0	.7	0.0	.7	2.9
14	12.1	21.2	17.3	85.3	0.0	0.0	0.0	2.5
15	12.0	20.2	16.3	87.7	0.0	0.0	0.0	2.5
16	13.0	20.4	16.9	83.7	0.0	0.0	0.0	.8
17	11.8	21.2	15.7	83.3	1.1	2.0	3.1	2.9
18	13.8	20.1	16.0	94.7	4.0	0.0	4.0	1.5
19	12.1	22.4	16.7	83.3	6.5	9.8	16.3	3.2
20	13.0	21.2	16.8	88.0	15.0	1.5	16.5	4.6
21	12.8	21.8	15.8	81.7	0.0	0.0	0.0	4.1
22	11.0	22.2	17.0	81.0	0.0	0.0	0.0	4.2
23	13.0	22.8	17.2	80.3	0.0	0.0	0.0	4.7
24	14.8	22.3	17.2	76.3	0.0	0.0	0.0	4.8
25	13.8	21.6	17.3	81.0	0.0	4.6	4.6	3.0
26	13.9	20.8	17.4	91.0	.5	0.0	.5	2.3
27	13.0	21.2	17.0	85.7	2.1	0.0	2.1	2.9
28	12.8	21.0	15.6	89.3	10.2	0.0	10.2	2.1
29								
30								
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	12.1	21.0	16.2	84.0	172.0	19.3	191.3	88.6

ESTACION: EL CEDRAL

DPTO: RISARALDA

LATITUD : 04° 42'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 32'W
ALTITUD : 2120 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.8	21.2	15.8	89.0	33.2	0.0	33.2	2.1
2	13.1	19.8	15.8	92.0	11.7	3.5	15.2	3
3	12.8	22.8	17.0	82.0	0.0	1.7	1.7	5.2
4	14.0	20.2	16.0	81.3	.6	9.7	10.3	2.3
5	12.0	20.0	15.3	83.0	7.9	.1	8.0	1.5
6	11.8	21.2	15.5	80.0	30.9	7.7	38.6	3.7
7	12.7	19.8	15.5	88.3	7.1	.1	7.2	1.8
8	12.0	20.2	16.4	85.3	0.0	2.2	2.2	1.8
9	13.2	19.6	15.2	87.0	7.7	.4	8.1	2.0
10	13.0	18.9	15.9	90.0	11.9	0.0	11.9	0.0
11	12.8	20.4	15.6	92.3	20.8	0.0	20.8	2.5
12	12.2	19.5	16.1	88.7	1.0	0.0	1.0	.1
13	13.4	21.0	17.0	87.3	.3	11.8	12.1	.8
14	13.8	21.4	16.3	85.0	28.0	0.0	28.0	1.1
15	11.6	21.2	16.5	83.3	2.9	0.0	2.9	3.9
16	13.0	21.3	16.9	85.0	0.0	0.0	0.0	2.6
17	12.6	21.5	16.8	84.3	0.0	0.0	0.0	2.5
18	11.8	21.3	17.0	79.0	0.0	0.0	0.0	3.7
19	12.7	21.4	17.2	76.7	0.0	0.0	0.0	3.2
20	11.4	22.1	16.5	76.3	0.0	0.0	0.0	5.1
21	11.0	22.5	16.7	77.7	0.0	0.0	0.0	4.5
22	12.8	21.7	16.0	81.7	16.0	0.0	16.0	3.3
23	12.6	20.9	16.4	84.0	0.0	1.0	1.0	2.1
24	14.1	20.2	16.1	87.3	15.7	.3	16.0	.6
25	13.5	20.0	16.4	88.3	.2	54.5	54.7	.5
26	14.0	18.2	15.6	90.7	23.7	3.5	27.2	0.0
27	13.1	19.8	16.6	86.0	4.9	15.7	20.6	.6
28	13.8	18.0	14.6	92.7	4.9	0.0	4.9	0.0
29	12.4	21.2	16.0	82.7	14.4	0.0	14.4	4.6
30	11.8	22.0	17.1	76.3	0.0	14.5	14.5	5.8
31	13.6	21.0	16.0	78.7	15.4	0.0	15.4	1.3
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	12.8	20.7	16.2	84.6	259.2	126.7	385.9	69.5

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	11.8	19.1	15.0	82.7	.2	33.8	34.0	2.6
2	12.1	19.9	15.2	85.3	5.3	0.0	5.3	2.7
3	11.0	22.0	15.7	79.0	31.6	0.0	31.6	4.5
4	12.0	20.4	16.0	86.7	10.0	0.0	10.0	3.0
5	11.8	20.8	15.0	90.0	14.3	.5	14.8	3.0
6	13.6	20.3	15.8	90.3	5.1	0.0	5.1	2.3
7	13.0	19.0	15.6	85.3	35.0	0.0	35.0	3.3
8	12.0	17.8	14.6	89.7	12.0	6.0	18.0	.8
9	12.8	19.3	15.3	91.0	8.7	21.0	29.7	2.3
10	13.6	19.0	15.6	87.0	.8	0.0	.8	.3
11	12.6	21.0	15.5	85.7	19.4	0.0	19.4	2.4
12	12.8	16.8	14.8	94.0	4.9	0.0	4.9	.1
13	13.8	19.4	15.5	87.0	10.5	1.5	12.0	.8
14	12.8	20.2	15.5	86.0	31.9	16.2	48.1	3.0
15	11.8	19.0	15.1	86.7	7.5	1.0	8.5	3.6
16	11.6	20.2	16.2	86.7	0.0	.8	.8	3.7
17	11.8	21.6	15.3	88.7	10.3	0.0	10.3	2.2
18	11.0	20.4	15.5	83.7	0.0	3.5	3.5	3.4
19	12.0	20.8	15.6	83.3	.3	0.0	.3	1.2
20	11.4	21.2	16.3	82.3	0.0	0.0	0.0	2.5
21	11.6	21.1	16.9	85.0	0.0	0.0	0.0	4.8
22	12.0	19.7	16.0	85.7	0.0	0.0	0.0	1.6
23	12.6	20.9	15.8	80.7	.2	0.0	.2	3.4
24	12.8	21.7	16.8	80.7	0.0	0.0	0.0	4.8
25	12.4	21.0	15.8	81.7	0.0	0.0	0.0	2.8
26	11.2	20.2	14.5	84.7	9.5	0.0	9.5	2.7
27	11.1	19.2	15.8	85.3	13.3	0.0	13.3	1.8
28	12.8	19.0	14.3	92.0	13.1	0.0	13.1	1.2
29	13.0	20.2	15.3	80.0	58.4	0.0	58.4	3.1
30	11.8	20.8	15.8	82.0	4.4	15.8	20.2	2.0
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	12.2	20.1	15.5	85.6	306.7	100.1	406.8	75.9

ESTACION: EL CEDRAL

DPTO: RISARALDA

LATITUD : 04° 42'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 32'W

ALTITUD : 2120 m.

	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
MAYO								
1	11.8	19.2	15.2	88.0	4.3	0.0	4.3	1.6
2	12.8	21.4	15.8	83.0	22.7	0.0	22.7	1.7
3	12.9	19.2	15.9	89.0	27.9	.1	28.0	0.0
4	13.8	18.2	15.5	88.3	12.0	0.0	12.0	0.0
5	13.7	17.4	15.3	90.0	4.8	0.0	4.8	.4
6	12.1	20.2	15.5	85.3	1.1	0.0	1.1	3.6
7	11.4	19.8	15.3	80.7	14.5	0.0	14.5	3.4
8	11.9	20.5	16.1	84.3	3.0	0.0	3.0	2.3
9	12.0	19.2	15.5	90.3	.3	0.0	.3	.1
10	11.9	21.0	16.1	84.7	0.0	.4	.4	3.8
11	12.2	19.2	15.7	91.0	.5	0.0	.5	2.1
12	12.0	20.2	15.4	87.0	6.8	0.0	6.8	1.9
13	13.0	21.8	16.5	84.3	.5	0.0	.5	2.9
14	11.8	19.4	14.9	89.0	10.0	0.0	10.0	.3
15	12.0	19.4	16.2	88.0	0.0	0.0	0.0	2.0
16	12.8	18.1	14.5	94.3	18.8	0.0	18.8	.2
17	13.0	17.0	14.9	94.7	23.4	8.2	31.6	0.0
18	13.5	17.2	14.8	95.3	25.2	.5	25.7	.1
19	13.6	17.8	14.8	93.7	7.1	8.5	15.6	.1
20	12.8	18.4	14.9	87.7	26.3	.8	27.1	.1
21	12.7	17.2	14.6	91.3	1.7	.8	2.5	0.0
22	12.6	17.1	14.9	92.7	5.0	0.0	5.0	0.0
23	12.0	19.2	15.0	92.0	14.3	2.7	17.0	1.6
24	13.8	18.4	15.3	93.3	.8	0.0	.8	.2
25	11.8	20.6	16.6	85.7	0.0	0.0	0.0	2.8
26	12.9	22.1	15.8	85.3	0.0	1.9	1.9	1.7
27	14.0	20.4	17.1	81.7	0.0	0.0	0.0	3.0
28	12.0	21.6	16.8	82.3	0.0	0.0	0.0	4.0
29	12.6	20.4	15.8	88.7	1.3	.6	1.9	1.8
30	13.0	18.4	15.4	92.7	0.0	0.0	0.0	.3
31	11.8	19.4	15.7	83.0	1.5	0.0	1.5	.7
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	12.6	19.3	15.5	88.3	233.8	24.5	258.3	39.7

	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
JUNIO								
1	14.0	18.9	16.5	88.0	1.4	.5	1.9	4.7
2	12.0	20.0	15.3	93.0	8.3	1.2	9.5	5.2
3	13.1	21.0	16.3	83.3	.1	0.0	.1	
4	12.0	21.4	16.3	85.7	0.0	2.1	2.1	
5	12.8	19.5	15.7	90.0	0.0	0.0	0.0	.8
6	12.4	20.0	16.2	90.0	.9	0.0	.9	2.4
7	13.0	22.2	17.7	77.0	0.0	0.0	0.0	7.4
8	12.8	19.8	16.4	84.3	8.4	0.0	8.4	1.7
9	12.9	21.4	17.6	85.0	.4	0.0	.4	
10	12.7	22.4	17.5	61.3	0.0	0.0	0.0	5.8
11	13.0	22.9	18.0	77.7	0.0	0.0	0.0	7.2
12	12.8	23.0	16.9	64.7	0.0	0.0	0.0	4.7
13	13.2	20.8	16.9	81.3	0.0	0.0	0.0	2.2
14	12.8	19.9	16.5	88.3	0.0	0.0	0.0	2.8
15	13.2	20.0	16.0	88.0	2.9	0.0	2.9	1.5
16	13.1	18.5	15.6	87.3	0.0	0.0	0.0	0.0
17	12.8	20.2	16.0	77.3	.1	0.0	.1	3.6
18	12.0	22.5	16.7	80.3	.1	0.0	.1	3.3
19	12.6	20.0	16.1	89.0	5.9	0.0	5.9	1.1
20	12.0	19.2	15.5	89.0	3.2	1.0	4.2	2.4
21	12.9	18.5	15.9	91.3	.4	0.0	.4	.3
22	12.6	19.8	15.6	94.0	3.4	.9	4.3	1.2
23	13.8	19.5	16.5	88.7	.1	.1	.2	.8
24	13.9	18.2	15.0	86.0	3.5	0.0	3.5	1.6
25	11.0	19.7	15.1	86.7	.3	0.0	.3	4.3
26	12.1	18.2	15.4	84.0	2.3	3.4	5.7	1.2
27	13.1	17.8	15.5	89.0	7.9	0.0	7.9	.1
28	13.6	18.2	15.6	88.3	0.0	0.0	0.0	.8
29	11.0	20.5	16.2	75.3	1.2	0.0	1.2	3.1
30	10.8	21.4	15.8	73.7	0.0	0.0	0.0	4.5
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	12.7	20.2	16.2	83.9	50.8	9.2	60.0	

ESTACION: EL CEDRAL

DPTO: RISARALDA

LATITUD : 04° 42'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 32'W
ALTITUD : 2120 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.8	20.6	16.0	82.7	0.0	0.0	0.0	2.4
2	12.9	20.4	16.8	86.3	.2	0.0	.2	1.2
3	13.1	19.9	15.8	86.3	4.0	0.0	4.0	1.5
4	12.8	20.2	16.3	83.0	0.0	2.4	2.4	.5
5	12.6	19.4	14.5	94.3	18.4	0.0	18.4	.9
6	13.2	19.2	16.5	89.0	1.7	5.4	7.1	.8
7	14.0	19.1	16.0	90.3	5.2	0.0	5.2	.7
8	12.0	19.9	16.0	89.3	0.0	0.0	0.0	3.1
9	13.8	21.4	17.5	83.0	0.0	0.0	0.0	1.5
10	12.2	19.4	15.4	90.3	1.9	0.0	1.9	1.2
11	12.8	19.5	16.3	83.3	0.0	0.0	0.0	3.6
12	13.0	20.2	16.4	82.7	0.0	0.0	0.0	2.0
13	12.8	20.0	16.1	81.3	0.0	0.0	0.0	3.5
14	11.8	21.8	16.3	75.0	1.2	.4	1.6	6.3
15	13.0	22.8	17.2	68.7	0.0	0.0	0.0	6.4
16	13.5	21.0	16.9	76.7	0.0	0.0	0.0	4.9
17	12.4	20.0	16.4	84.0	0.0	0.0	0.0	2.7
18	13.0	19.2	16.1	88.7	0.0	0.0	0.0	.3
19	13.1	22.4	16.9	77.3	0.0	0.0	0.0	6.2
20	13.5	20.5	16.5	71.7	0.0	0.0	0.0	.9
21	12.8	19.4	16.4	84.7	0.0	0.0	0.0	1.0
22	10.5	21.2	16.4	82.3	0.0	0.0	0.0	4.9
23	12.5	22.0	16.7	84.7	0.0	0.0	0.0	5.0
24	12.4	20.0	15.8	80.7	0.0	0.0	0.0	0.0
25	11.3	22.0	16.7	72.3	0.0	0.0	0.0	6.6
26	12.5	20.5	16.2	74.7	0.0	0.0	0.0	2.3
27	13.5	21.0	16.4	85.3	0.0	0.0	0.0	1.7
28	13.0	18.8	15.6	86.0	.1	0.0	.1	1.7
29	12.8	19.2	15.8	93.7	9.3	0.0	9.3	1.1
30	12.0	17.6	15.0	90.0	.3	14.8	15.1	.1
31	13.0	16.5	13.4	96.7	10.2	9.0	19.2	0.0
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	12.7	20.2	16.1	83.7	52.5	32.0	84.5	75.0

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.5	18.4	15.1	92.0	3.0	0.0	3.0	.1
2	11.4	20.5	15.6	84.0	.3	0.0	.3	5.3
3	11.8	21.5	15.3	68.7	0.0	0.0	0.0	7.5
4	11.5	20.0	15.6	84.3	0.0	0.0	0.0	3.2
5	11.8	18.4	14.9	82.7	0.0	0.0	0.0	.2
6	11.9	19.2	15.9	85.3	0.0	.6	.6	1.7
7	12.0	20.0	15.7	86.0	.3	4.6	4.9	2.9
8	13.6	19.2	16.2	84.3	0.0	3.5	3.5	1.5
9	13.4	18.4	14.9	93.0	6.5	1.0	7.5	1.5
10	12.4	20.5	16.4	84.0	.7	0.0	.7	6.6
11	11.0	20.4	15.5	77.3	0.0	0.0	0.0	6.6
12	12.8	21.5	15.6	44.3	0.0	0.0	0.0	6.6
13	11.4	21.4	16.4	61.7	0.0	0.0	0.0	7.7
14	13.0	20.2	16.0	76.3	0.0	.8	.8	2.7
15	13.2	20.8	16.3	56.0	0.0	0.0	0.0	5.1
16	11.0	19.4	15.5	85.7	0.0	0.0	0.0	1.0
17	12.0	20.5	16.2	76.0	0.0	0.0	0.0	1.2
18	11.8	21.0	15.7	75.3	0.0	0.0	0.0	2.9
19	10.4	20.0	15.0	81.3	0.0	0.0	0.0	3.5
20	10.0	19.0	15.1	81.0	0.0	0.0	0.0	3.4
21	11.0	19.2	15.5	80.7	0.0	0.0	0.0	2.3
22	10.3	21.5	15.0	80.0	0.0	0.0	0.0	5.1
23	10.4	21.2	15.7	59.7	0.0	0.0	0.0	5.8
24	12.5	20.8	16.2	65.0	0.0	0.0	0.0	5.3
25	11.0	20.0	15.3	79.0	0.0	0.0	0.0	3.4
26	10.5	20.5	15.3	77.7	0.0	0.0	0.0	6.4
27	10.0	20.0	15.0	84.3	0.0	0.0	0.0	3.4
28	10.5	20.5	15.0	67.3	0.0	0.0	0.0	5.2
29	10.0	20.2	15.3	69.3	0.0	0.0	0.0	5.5
30	11.0	19.0	15.0	74.3	0.0	0.0	0.0	2.1
31	10.8	18.9	15.0	77.7	0.0	.2	.2	3.2
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	11.5	20.1	15.5	76.6	10.8	10.7	21.5	118.9

ESTACION: EL CEDRAL

DPTO: RISARALDA

LATITUD : 04° 42'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 32'W

ALTITUD : 2120 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	12.0	21.3	17.3	61.7	0.0	0.0	0.0	4.8
2	10.0	21.2	14.8	72.3	0.0	0.0	0.0	6.1
3	10.1	18.3	13.3	91.7	.7	0.0	.7	2.2
4	9.8	21.8	15.3	71.7	0.0	0.0	0.0	7.0
5	10.1	21.0	14.9	78.0	0.0	0.0	0.0	6.2
6	9.9	21.1	15.3	80.3	0.0	0.0	0.0	4.2
7	10.0	20.0	14.9	80.0	0.0	0.0	0.0	5.4
8	9.6	20.9	15.5	81.3	0.0	0.0	0.0	4.6
9	10.8	21.4	15.5	76.3	0.0	0.0	0.0	5.5
10	11.8	22.4	16.2	64.0	0.0	0.0	0.0	7.0
11	11.0	20.8	15.5	61.7	0.0	0.0	0.0	7.0
12	10.5	21.6	16.1	60.7	0.0	0.0	0.0	6.2
13	10.0	20.2	15.5	66.7	0.0	0.0	0.0	5.0
14	10.7	19.0	15.1	88.0	0.0	0.0	0.0	2.0
15	12.0	17.2	13.9	96.0	10.9	12.8	23.7	.2
16	11.9	15.2	13.1	91.3	11.0	3.6	14.6	0.0
17	11.8	19.0	14.6	80.7	.7	0.0	.7	1.9
18	11.6	17.0	13.7	86.0	6.5	0.0	6.5	1.2
19	11.0	18.3	14.3	85.0	2.2	0.0	2.2	1.6
20	11.8	17.0	13.8	92.0	13.5	3.0	16.5	.6
21	10.8	16.2	12.7	93.3	7.7	0.0	7.7	.5
22	10.2	17.1	13.6	90.0	7.8	16.9	24.7	.8
23	11.2	18.4	13.9	94.7	55.2	0.0	55.2	1.7
24	10.2	17.8	13.4	89.7	0.0	0.0	0.0	.6
25	11.0	17.3	14.0	86.3	0.0	9.0	9.0	1.5
26	10.9	18.4	14.4	84.7	5.7	0.0	5.7	.3
27	10.7	18.6	13.5	87.0	0.0	0.0	0.0	.9
28	11.0	18.8	14.3	88.0	0.0	0.0	0.0	2.7
29	11.1	17.3	14.3	90.0	.1	0.0	.1	1.1
30	10.0	19.4	14.0	80.3	40.7	0.0	40.7	3.1
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	10.8	19.1	14.5	81.6	162.7	45.3	208.0	91.9

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	11.0	16.8	13.2	92.0	35.2	0.0	35.2	.5
2	10.0	16.0	13.2	93.7	7.5	3.0	10.5	1.0
3	10.5	22.4	14.8	86.3	0.0	1.3	1.3	2.6
4	10.2	20.0	15.1	88.7	0.0	0.0	0.0	2.5
5	8.8	19.5	14.0	84.7	17.0	0.0	17.0	3.4
6	11.0	20.0	14.3	84.7	22.4	27.2	49.6	3.0
7	10.8	20.2	13.7	89.3	18.5	.1	18.6	3.4
8	10.5	19.6	13.5	93.3	.6	0.0	.6	1.3
9	11.4	17.0	14.8	92.7	.1	0.0	.1	0.0
10	12.0	17.4	13.2	97.3	13.2	0.0	13.2	.7
11	10.0	18.0	12.5	95.3	5.2	0.0	5.2	2.5
12	9.0	19.9	13.8	89.3	0.0	1.2	1.2	2.5
13	10.8	20.0	14.8	92.7	0.0	0.0	0.0	3.6
14	8.8	20.1	14.1	88.3	6.9	0.0	6.9	3.5
15	9.0	20.5	13.9	87.0	2.9	0.0	2.9	4.0
16	9.1	21.2	14.7	83.3	.1	0.0	.1	4.1
17	10.0	21.6	15.1	87.3	.5	.1	.6	5.9
18	11.4	19.1	14.8	90.3	0.0	0.0	0.0	1.3
19	10.5	20.1	14.3	78.3	0.0	0.0	0.0	2.4
20	9.0	22.2	14.2	80.7	0.0	0.0	0.0	5.7
21	9.8	22.0	15.1	80.3	0.0	0.0	0.0	6.5
22	10.5	21.2	15.3	86.0	0.0	0.0	0.0	4.8
23	10.8	21.0	14.7	85.3	7.4	0.0	7.4	4.1
24	9.4	20.2	14.5	82.0	0.0	0.0	0.0	3.8
25	9.8	20.3	13.3	92.7	11.6	1.2	12.8	0.0
26	11.0	17.4	13.5	97.3	11.6	.9	12.5	.7
27	10.2	16.9	13.6	96.0	6.3	0.0	6.3	1.1
28	10.4	18.8	13.3	94.7	.6	0.0	.6	2.4
29	9.9	19.2	14.1	91.7	0.0	.2	.2	2.8
30	10.9	20.2	16.1	86.3	0.0	0.0	0.0	1.8
31	10.0	20.0	13.8	88.3	10.7	0.0	10.7	1.2
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	10.2	19.6	14.1	88.9	178.3	35.2	213.5	83.1

ESTACION: EL CEDRAL

DPTO: RISARALDA

LATITUD : 04° 42'N

AÑO: 1991

MPIO: PERBIRA

LONGITUD: 75° 32'W
ALTITUD : 2120 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	9.0	20.2	14.7	93.3	3.7	0.0	3.7	1.9
2	11.8	17.2	14.1	89.7	3.6	0.0	3.6	.4
3	9.4	19.0	13.6	84.7	4.1	0.0	4.1	2.4
4	10.0	16.8	13.5	93.0	6.1	0.0	6.1	.1
5	9.9	19.5	14.0	91.3	2.8	0.0	2.8	1.4
6	11.5	21.0	14.8	82.3	31.2	.1	31.3	2.1
7	10.0	19.2	14.0	92.3	.2	0.0	.2	2.5
8	10.8	17.8	13.2	91.3	38.8	0.0	38.8	.6
9	11.5	18.2	13.7	89.3	24.8	.4	25.2	.6
10	11.8	18.0	14.4	91.3	0.0	0.0	0.0	.2
11	11.0	19.7	15.2	82.7	0.0	0.0	0.0	4.0
12	10.0	20.4	14.2	89.0	35.7	6.5	42.2	3.6
13	12.4	19.0	14.2	93.3	5.4	.9	6.3	1.0
14	11.0	18.4	13.8	93.0	9.4	4.0	13.4	2.0
15	11.5	16.5	13.3	94.0	27.3	.8	28.1	0.0
16	9.5	17.5	12.5	94.0	15.9	0.0	15.9	2.3
17	9.6	17.4	13.2	89.3	1.6	0.0	1.6	2.1
18	8.8	18.8	13.8	90.7	3.5	0.0	3.5	2.7
19	10.4	18.2	13.3	92.7	53.5	0.0	53.5	.5
20	8.7	19.4	14.2	84.7	.6	0.0	.6	2.4
21	10.8	18.7	13.2	94.7	19.7	0.0	19.7	2.0
22	10.7	20.0	14.6	93.7	10.6	0.0	10.6	3.2
23	10.8	19.9	15.6	89.7	0.0	0.0	0.0	2.3
24	10.2	20.0	14.3	91.3	18.5	18.7	37.2	2.5
25	12.0	18.1	15.2	85.3	1.8	0.0	1.8	0.0
26	11.1	20.2	15.1	92.0	7.9	0.0	7.9	2.3
27	11.0	19.5	14.7	94.7	.1	0.0	.1	1.0
28	11.6	19.7	15.4	92.0	1.8	0.0	1.8	.6
29	12.3	18.4	15.6	90.7	0.0	0.0	0.0	0.0
30	11.8	19.9	14.2	91.0	26.1	0.0	26.1	2.4
31								
TOTAL PROMEDIO	10.7	18.9	14.2	90.6	354.7	31.4	386.1	49.1

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	9.5	19.0	14.1	90.3	19.6	0.0	19.6	2.5
2	10.5	18.9	14.3	92.7	1.1	.4	1.5	.6
3	12.6	20.4	15.1	85.3	14.8	0.0	14.8	1.4
4	11.0	20.0	15.6	86.0	.9	12.0	12.9	2.5
5	12.0	17.2	13.9	88.0	2.2	0.0	2.2	0.0
6	9.2	20.2	14.2	89.0	0.0	0.0	0.0	5.1
7	10.2	21.0	15.8	88.3	8.1	16.3	24.4	4.1
8	11.0	20.2	15.9	86.0	0.0	0.0	0.0	3.1
9	11.8	18.8	13.2	94.3	9.2	0.0	9.2	.8
10	10.0	20.8	13.5	90.3	15.8	0.0	15.8	3.5
11	10.1	20.4	14.5	88.7	47.7	0.0	47.7	3.5
12	10.6	21.8	15.8	84.7	.9	.7	1.6	4.1
13	13.8	20.5	15.6	93.0	0.0	0.0	0.0	1.9
14	12.4	19.2	15.4	93.0	10.6	8.8	19.4	.8
15	13.8	19.0	15.9	91.0	.2	51.8	52.0	0.0
16	13.6	18.0	15.5	90.7	2.1	7.7	9.8	0.0
17	13.0	15.4	13.8	95.0	14.7	0.0	14.7	0.0
18	10.8	20.0	14.1	95.0	25.5	0.0	25.5	3.7
19	11.0	20.1	16.0	84.3	.3	0.0	.3	1.3
20	10.9	21.0	15.0	87.3	14.8	0.0	14.8	3.7
21	10.2	20.0	15.0	86.0	1.5	.1	1.6	2.4
22	11.0	18.6	14.8	90.0	2.3	0.0	2.3	1.4
23	12.8	20.0	15.8	87.0	.5	0.0	.5	2.1
24	11.0	20.1	15.8	83.0	0.0	0.0	0.0	2.6
25	10.2	21.0	15.4	80.7	0.0	0.0	0.0	3.6
26	10.0	19.2	14.7	85.0	0.0	0.0	0.0	2.5
27	10.1	21.1	14.9	84.7	1.4	0.0	1.4	3.3
28	11.8	21.0	14.8	87.0	40.1	.4	40.5	1.7
29	12.5	18.5	14.6	92.7	5.0	0.0	5.0	.8
30	9.8	20.2	14.8	89.0	0.0	0.0	0.0	3.5
31	10.0	20.4	15.5	84.3	4.0	0.0	4.0	2.6
TOTAL PROMEDIO	11.2	19.7	14.9	88.5	243.3	98.2	341.5	69.1

Estación: EL CEDRAL

Dpto.: RISARALDA

Latitud : 04° 42'N

Año: 1991

Mpio.: PEREIRA

Longitud: 75° 32'W

Altitud : 2120 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Mín. Med.	Máx. Med.	Med.	Mín. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	11.4	20.5	15.7	9.8	23.1	81.4	163.6	17	107.4
FEBRERO	12.1	21.0	16.2	10.0	23.1	84.0	191.3	16	88.6
MARZO	12.8	20.7	16.2	11.0	22.8	84.6	385.9	25	69.5
ABRIL	12.2	20.1	15.5	11.0	22.0	85.6	406.8	25	75.9
MAYO	12.6	19.3	15.5	11.4	22.1	88.3	258.3	26	39.7
JUNIO	12.7	20.2	16.2	10.8	23.0	83.9	60.0	20	
JULIO	12.7	20.2	16.1	10.5	22.8	83.7	84.5	12	75.0
AGOSTO	11.5	20.1	15.5	10.0	21.5	76.6	21.5	9	118.9
SEPTIEMBRE	10.8	19.1	14.5	9.6	22.4	81.6	208.0	14	91.9
OCTUBRE	10.2	19.6	14.1	8.8	22.4	88.9	213.5	22	83.1
NOVIEMBRE	10.7	18.9	14.2	8.7	21.0	90.6	386.1	26	49.1
DICIEMBRE	11.2	19.7	14.9	9.2	21.8	88.5	341.5	24	69.1
PROMEDIO	11.7	19.9	15.4			84.8			
ABSOLUTA				8.7	23.1				
TOTAL							2721.0	236	

ESTACION: LA TRINIDAD

DPTO: TOLIMA

LATITUD : 04° 54'N

AÑO: 1991

MPIO: LIBANO

LONGITUD: 75° 03'W

ALTITUD : 1430 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	23.0	19.0	85.0	7.6	1.9	9.5	2.4
2	15.0	23.6	18.4	89.7	0.0	0.0	0.0	2.3
3	17.2	24.2	19.0	89.7	0.0	23.0	23.0	2.4
4	16.8	23.0	18.7	91.0	0.0	0.0	0.0	.9
5	15.8	24.8	20.0	84.3	0.0	0.0	0.0	7.3
6	15.0	26.0	20.2	82.7	0.0	.1	.1	5.9
7	16.8	24.0	19.6	85.7	.6	0.0	.6	2.6
8	17.0	25.0	20.7	80.7	0.0	0.0	0.0	6.9
9	17.1	25.4	20.6	81.3	0.0	0.0	0.0	7.5
10	16.4	26.9	21.4	82.3	0.0	0.0	0.0	6.0
11	17.0	25.4	20.5	89.3	0.0	0.0	0.0	2.1
12	18.2	24.9	20.8	86.0	0.0	0.0	0.0	2.6
13	17.2	25.4	20.5	82.0	0.0	0.0	0.0	9.0
14	17.4	25.0	20.1	77.0	0.0	0.0	0.0	4.8
15	17.4	24.9	19.9	84.0	.6	0.0	.6	3.6
16	17.0	24.3	20.2	81.0	0.0	0.0	0.0	5.3
17	17.1	24.4	20.4	84.3	0.0	0.0	0.0	3.9
18	15.0	25.0	19.4	88.0	0.0	0.0	0.0	4.5
19	17.0	24.7	19.9	87.0	0.0	1.8	1.8	2.7
20	16.9	25.0	20.3	86.3	0.0	0.0	0.0	3.9
21	15.0	25.2	20.2	82.0	0.0	0.0	0.0	3.6
22	15.2	26.0	20.4	78.3	0.0	0.0	0.0	7.0
23	15.8	25.4	19.9	80.0	0.0	0.0	0.0	6.0
24	17.0	25.6	20.3	76.3	0.0	0.0	0.0	6.7
25	14.9	26.4	20.8	71.0	0.0	0.0	0.0	7.9
26	15.4	25.6	19.8	76.3	0.0	0.0	0.0	8.2
27	16.0	26.2	21.2	72.3	0.0	0.0	0.0	5.6
28	15.9	28.0	22.2	70.0	0.0	0.0	0.0	9.7
29	16.2	27.9	22.8	67.7	0.0	0.0	0.0	9.1
30	16.6	27.3	21.3	72.7	0.0	0.0	0.0	5.3
31	17.0	26.6	21.1	84.3	0.0	0.0	0.0	3.0
TOTAL PROMEDIO	16.4	25.3	20.3	81.6	8.8	26.8	35.6	158.7

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	26.9	21.4	81.7	0.0	0.0	0.0	3.7
2	16.0	26.7	20.9	77.7	0.0	0.0	0.0	2.5
3	17.0	24.4	19.4	84.3	0.0	4.8	4.8	.9
4	16.0	23.7	18.7	84.0	0.0	0.0	0.0	.3
5	15.0	24.4	19.9	77.3	0.0	5.9	5.9	1.9
6	17.2	25.1	20.6	84.0	0.0	0.0	0.0	2.1
7	16.0	24.2	20.1	80.3	1.8	0.0	1.8	.5
8	17.8	20.2	18.3	91.3	3.2	0.0	3.2	.7
9	16.9	24.4	20.5	81.7	0.0	0.0	0.0	2.0
10	18.0	25.0	21.3	81.3	0.0	0.0	0.0	1.9
11	17.2	26.2	20.5	87.3	0.0	.4	.4	1.4
12	16.9	24.6	19.9	84.3	0.0	0.0	0.0	1.6
13	17.7	27.0	21.4	74.7	0.0	0.0	0.0	5.5
14	16.8	26.2	20.7	78.7	0.0	0.0	0.0	5.8
15	17.0	26.8	21.5	75.7	0.0	1.4	1.4	4.3
16	17.8	24.1	20.0	86.7	0.0	1.1	1.1	1.1
17	17.0	26.0	21.2	78.3	0.0	0.0	0.0	5.1
18	18.0	24.4	20.0	86.0	8.7	0.0	8.7	2.3
19	16.8	26.9	20.7	79.0	13.6	13.3	26.9	6.6
20	17.8	24.8	20.5	83.3	.7	51.0	51.7	2.0
21	16.8	23.1	19.7	87.0	0.0	0.0	0.0	1.7
22	17.2	24.8	21.1	78.7	0.0	0.0	0.0	3.6
23	19.3	27.4	22.4	72.7	0.0	0.0	0.0	5.4
24	18.5	25.6	20.7	75.7	0.0	0.0	0.0	4.4
25	17.0	27.8	22.8	63.0	0.0	.2	.2	5.8
26	17.8	28.2	22.4	69.0	0.0	0.0	0.0	4.8
27	18.8	28.4	22.3	74.3	0.0	0.0	0.0	6.7
28	17.6	27.8	20.4	81.7	6.7	0.0	6.7	5.4
29								
30								
31								
TOTAL PROMEDIO	17.3	25.5	20.7	80.0	34.7	78.1	112.8	90.0

ESTACION: LA TRINIDAD

DPTO: TOLIMA

LATITUD : 04° 54'N

AÑO: 1991

MPIO: LIBANO

LONGITUD: 75° 03'W
ALTITUD : 1430 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	27.4	22.1	76.0	0.0	0.0	0.0	4.9
2	18.2	24.0	20.4	83.0	5.8	0.0	5.8	.7
3	17.8	25.0	20.6	82.0	0.0	1.4	1.4	1.4
4	17.5	24.0	20.4	84.7	3.0	2.7	5.7	.9
5	17.0	23.8	19.8	84.3	0.0	.1	.1	.6
6	18.0	24.8	20.2	85.7	1.5	9.6	11.1	1.6
7	17.5	22.0	19.0	94.3	5.9	0.0	5.9	0.0
8	17.0	23.8	19.5	89.3	1.5	0.0	1.5	.5
9	17.1	24.5	19.3	87.7	0.0	0.0	0.0	1.8
10	17.2	22.5	20.2	87.0	6.9	0.0	6.9	.7
11	17.0	24.9	20.6	85.0	.1	.9	1.0	.9
12	18.0	21.8	19.5	91.0	5.5	0.0	5.5	0.0
13	18.1	26.1	21.2	82.3	0.0	3.3	3.3	4.0
14	18.3	24.8	20.2	86.0	0.0	0.0	0.0	1.9
15	17.1	26.8	22.2	81.7	0.0	0.0	0.0	4.9
16	19.0	26.1	21.9	79.3	0.0	4.7	4.7	3.9
17	17.0	26.2	21.3	86.7	0.0	0.0	0.0	3.9
18	17.1	27.9	21.8	81.0	0.0	0.0	0.0	7.0
19	16.2	26.0	21.4	77.3	0.0	0.0	0.0	2.3
20	16.5	26.4	20.5	80.7	0.0	0.0	0.0	3.6
21	15.5	27.3	22.0	69.3	0.0	5.4	5.4	7.8
22	17.8	25.9	20.8	86.3	.8	10.6	11.4	2.2
23	17.4	26.8	22.3	81.7	0.0	8.7	8.7	5.3
24	17.1	25.2	20.6	82.7	1.7	27.6	29.3	1.0
25	17.2	24.9	19.5	90.0	5.5	30.2	35.7	.4
26	17.0	19.1	18.0	91.7	3.5	0.0	3.5	0.0
27	17.1	20.4	18.4	93.3	12.4	1.8	14.2	0.0
28	16.2	21.0	17.9	88.3	2.7	0.0	2.7	0.0
29	15.2	25.2	20.7	82.3	0.0	0.0	0.0	4.1
30	17.2	24.9	20.7	85.0	0.0	0.0	0.0	1.8
31	15.7	25.4	19.5	76.7	0.0	0.0	0.0	1.7
TOTAL PROMEDIO	17.2	24.7	20.4	84.3	56.8	107.0	163.8	69.8

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.7	25.0	20.3	78.7	0.0	0.0	0.0	3.5
2	17.5	23.5	19.9	84.7	.2	0.0	.2	.8
3	15.0	25.2	20.0	83.7	.7	.7	1.4	6.1
4	18.0	24.8	20.7	78.3	0.0	3.8	3.8	3.2
5	17.2	24.9	21.4	82.0	0.0	.5	.5	7.0
6	17.0	23.4	19.6	83.7	.2	0.0	.2	2.5
7	16.8	26.1	21.1	77.7	0.0	5.2	5.2	7.3
8	17.0	24.5	21.2	83.7	0.0	30.3	30.3	2.0
9	16.0	23.2	19.6	86.3	0.0	.6	.6	2.3
10	17.2	23.0	19.4	90.0	5.8	0.0	5.8	1.4
11	16.0	24.2	19.7	87.3	0.0	0.0	0.0	1.2
12	16.2	24.5	20.3	84.7	.3	47.4	47.7	3.3
13	16.0	24.0	19.3	86.0	0.0	1.6	1.6	.7
14	16.2	22.0	18.9	91.0	7.5	.5	8.0	.7
15	15.8	23.0	18.8	89.7	.9	0.0	.9	2.3
16	16.7	24.0	20.5	86.0	0.0	.8	.8	2.5
17	17.5	24.8	21.6	86.7	0.0	29.0	29.0	3.3
18	16.2	25.1	20.4	83.7	0.0	3.1	3.1	5.3
19	16.7	24.2	19.7	86.7	0.0	0.0	0.0	3.5
20	18.2	23.5	20.9	85.3	0.0	.1	.1	2.2
21	16.0	24.5	20.8	79.3	0.0	0.0	0.0	6.9
22	15.8	24.1	20.0	85.3	0.0	6.0	6.0	2.5
23	18.4	24.0	20.7	88.0	0.0	0.0	0.0	2.5
24	18.0	26.0	21.2	83.3	0.0	0.0	0.0	7.5
25	17.8	27.4	22.3	76.0	0.0	0.0	0.0	8.3
26	16.5	25.7	21.2	81.0	0.0	0.0	0.0	6.3
27	17.0	24.5	19.6	91.7	8.5	2.5	11.0	3.6
28	17.3	24.2	20.4	89.3	.9	.8	1.7	5.4
29	17.0	24.8	21.3	87.0	0.0	19.2	19.2	8.0
30	17.2	24.4	20.2	83.3	0.0	36.2	36.2	6.2
31								
TOTAL PROMEDIO	16.9	24.4	20.3	84.7	25.0	188.3	213.3	118.3

ESTACION: LA TRINIDAD

DPTO: TOLIMA

LATITUD : 04° 54'N

AÑO: 1991

MPIO: LIBANO

LONGITUD: 75° 03'W

ALTITUD : 1430 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	23.5	20.7	89.3	0.0	1.3	1.3	5.5
2	18.0	24.2	20.7	88.3	8.2	7.9	16.1	1.7
3	18.8	24.4	21.0	84.7	0.0	14.4	14.4	2.9
4	16.8	24.2	19.7	91.3	0.0	4.6	4.6	3.7
5	18.0	20.8	18.6	91.7	5.6	0.0	5.6	.1
6	17.0	24.5	21.6	85.3	0.0	0.0	0.0	7.3
7	17.1	23.8	19.5	92.3	.3	0.0	.3	1.8
8	16.5	25.5	20.9	81.7	0.0	0.0	0.0	9.3
9	17.6	25.0	19.4	89.7	0.0	0.0	0.0	1.2
10	16.2	25.4	21.8	79.7	0.0	.1	.1	6.0
11	17.0	25.6	20.8	81.3	0.0	0.0	0.0	6.9
12	17.2	22.8	19.8	87.7	11.5	0.0	11.5	.3
13	17.8	25.2	21.2	84.7	0.0	0.0	0.0	3.0
14	18.0	24.8	20.8	87.7	0.0	0.0	0.0	2.0
15	17.1	25.0	21.2	85.7	0.0	0.0	0.0	2.2
16	17.6	23.2	20.7	91.3	9.5	.1	9.6	.5
17	18.2	20.0	17.7	94.7	56.7	.1	56.8	0.0
18	15.9	23.0	18.6	89.0	25.4	11.1	36.5	1.9
19	16.2	23.2	19.5	91.0	0.0	9.3	9.3	3.0
20	16.8	23.4	19.7	88.3	.5	.4	.9	2.6
21	17.0	22.0	18.8	91.0	8.9	2.9	11.8	.7
22	16.7	21.6	19.3	89.7	.1	.3	.4	0.0
23	16.9	23.8	20.4	87.0	0.0	.8	.8	5.3
24	18.0	25.0	20.7	84.7	0.0	.5	.5	2.3
25	16.0	23.5	20.3	89.7	1.3	0.0	1.3	5.9
26	16.4	24.5	19.8	85.3	0.0	82.5	82.5	4.5
27	15.3	23.8	20.0	83.7	0.0	0.0	0.0	1.0
28	17.7	25.0	21.2	78.7	0.0	0.0	0.0	7.7
29	16.5	24.7	20.8	84.0	0.0	.2	.2	3.9
30	18.4	24.9	20.8	84.7	0.0	38.6	38.6	4.3
31	17.3	22.8	19.8	91.7	3.4	0.0	3.4	.3
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.1	23.8	20.2	87.3	131.4	175.1	306.5	97.8

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	23.7	20.2	86.7	0.0	6.2	6.2	4.9
2	17.7	25.6	21.9	82.3	0.0	0.0	0.0	5.2
3	17.4	23.0	19.3	88.0	.7	9.2	9.9	.9
4	17.0	25.0	21.9	85.7	0.0	0.0	0.0	4.9
5	18.2	23.2	20.7	86.0	0.0	0.0	0.0	2.0
6	17.0	24.0	19.9	88.3	6.4	0.0	6.4	1.7
7	18.8	23.4	20.9	87.7	0.0	0.0	0.0	3.0
8	18.0	23.5	20.1	89.7	0.0	0.0	0.0	2.7
9	15.5	25.2	21.5	77.7	0.0	0.0	0.0	9.7
10	16.5	24.0	20.3	83.0	0.0	0.0	0.0	4.5
11	15.2	25.0	21.0	72.0	0.0	0.0	0.0	9.5
12	15.5	25.2	21.0	74.0	0.0	0.0	0.0	6.8
13	15.0	25.5	20.5	74.7	0.0	0.0	0.0	8.2
14	17.3	24.2	21.0	88.7	0.0	0.0	0.0	1.4
15	16.5	25.6	22.1	77.3	0.0	15.9	15.9	9.1
16	16.2	22.4	19.6	87.3	0.0	0.0	0.0	.1
17	17.3	24.0	20.3	90.0	0.0	0.0	0.0	2.6
18	17.2	24.4	20.6	85.0	0.0	0.0	0.0	6.7
19	17.0	26.0	21.5	79.7	0.0	0.0	0.0	5.5
20	18.0	25.6	22.1	76.7	0.0	23.4	23.4	7.8
21	16.2	24.3	20.5	86.0	1.0	0.0	1.0	1.5
22	17.8	24.2	20.8	84.3	0.0	1.0	1.0	3.0
23	17.2	24.5	20.4	85.3	0.0	6.7	6.7	3.1
24	17.0	23.4	20.3	88.3	0.0	0.0	0.0	4.1
25	16.2	24.3	20.1	81.3	0.0	0.0	0.0	6.8
26	17.2	24.8	20.8	86.7	0.0	1.8	1.8	3.6
27	17.0	23.0	19.5	85.3	1.4	.3	1.7	1.9
28	17.2	23.5	19.8	85.7	0.0	13.3	13.3	4.8
29	16.0	21.0	18.4	91.7	21.2	0.0	21.2	1.4
30	15.8	22.0	18.8	87.3	0.0	0.0	0.0	2.7
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.9	24.1	20.5	84.1	30.7	77.8	108.5	130.1

ESTACION: LA TRINIDAD

DPTO: TOLIMA

LATITUD : 04° 54'N

AÑO: 1991

MPIO: LIBANO

LONGITUD: 75° 03'W

ALTITUD : 1430 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	22.3	18.8	85.0	0.0	0.0	0.0	.5
2	16.2	23.4	20.0	81.7	0.0	0.0	0.0	6.4
3	15.4	24.2	19.9	79.0	0.0	0.0	0.0	6.7
4	16.0	23.2	19.6	83.7	0.0	16.0	16.0	2.8
5	16.8	22.0	18.8	92.0	.3	1.9	2.2	1.4
6	16.9	22.7	19.5	89.3	0.0	1.2	1.2	1.5
7	17.0	23.0	19.2	88.7	0.0	0.0	0.0	2.9
8	15.4	26.0	20.9	80.3	0.0	6.4	6.4	7.8
9	16.4	23.2	19.7	89.7	0.0	0.0	0.0	2.5
10	16.8	24.5	20.4	79.3	0.0	0.0	0.0	5.3
11	17.1	25.4	20.7	77.7	0.0	0.0	0.0	4.8
12	17.0	25.8	20.0	77.0	.1	0.0	.1	3.1
13	14.2	25.0	19.9	81.3	0.0	0.0	0.0	5.9
14	15.2	25.2	21.1	75.7	0.0	0.0	0.0	6.8
15	15.5	24.9	20.3	76.0	0.0	0.0	0.0	5.9
16	16.0	25.0	20.8	75.3	0.0	0.0	0.0	7.0
17	15.0	25.6	20.6	74.7	0.0	0.0	0.0	6.0
18	17.0	25.8	20.8	76.3	0.0	.8	.8	5.8
19	17.2	26.0	20.9	76.7	0.0	0.0	0.0	7.3
20	15.8	25.8	21.1	73.3	0.0	.2	.2	6.3
21	16.0	26.2	21.1	74.0	0.0	0.0	0.0	5.8
22	16.7	26.0	21.6	73.7	0.0	0.0	0.0	7.0
23	15.9	26.8	21.6	74.0	0.0	0.0	0.0	6.8
24	15.5	23.0	19.6	78.7	0.0	0.0	0.0	.3
25	15.2	26.0	20.3	71.7	0.0	0.0	0.0	7.9
26	16.2	25.4	20.3	71.0	0.0	0.0	0.0	1.5
27	17.0	26.2	21.3	70.7	0.0	0.0	0.0	4.2
28	16.8	24.5	20.7	79.7	.6	0.0	.6	2.4
29	17.4	25.8	21.1	77.7	0.0	0.0	0.0	7.3
30	18.0	23.2	20.0	85.7	0.0	1.8	1.8	.2
31	16.2	24.0	19.9	86.7	0.0	.3	.3	2.5
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.3	24.7	20.3	79.2	1.0	28.6	29.6	142.6

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	21.0	18.2	94.7	13.7	0.0	13.7	.3
2	15.0	25.4	19.3	83.7	4.3	.2	4.5	6.5
3	16.0	23.9	18.9	81.3	0.0	0.0	0.0	8.5
4	15.0	26.7	20.6	76.7	0.0	0.0	0.0	9.9
5	16.0	23.4	19.1	90.7	0.0	0.0	0.0	.4
6	17.0	25.1	19.8	88.0	0.0	0.0	0.0	2.2
7	16.2	25.4	21.0	78.7	0.0	20.0	20.0	4.7
8	15.8	24.8	19.8	82.3	0.0	6.1	6.1	8.9
9	16.8	24.9	19.9	90.0	0.0	8.6	8.6	6.1
10	16.2	22.0	18.4	94.7	2.0	0.0	2.0	1.4
11	15.2	25.9	20.2	71.3	0.0	0.0	0.0	7.9
12	16.4	26.0	19.9	63.3	0.0	0.0	0.0	6.4
13	15.0	26.2	20.3	65.3	0.0	0.0	0.0	9.9
14	15.8	26.4	21.4	70.7	0.0	0.0	0.0	7.9
15	16.0	25.4	19.7	74.3	0.0	0.0	0.0	9.6
16	14.0	26.2	20.0	71.0	0.0	0.0	0.0	8.4
17	15.2	24.4	19.9	75.7	0.0	0.0	0.0	2.1
18	16.2	25.0	19.8	75.3	0.0	0.0	0.0	4.6
19	16.0	26.4	20.6	69.0	0.0	0.0	0.0	5.9
20	14.9	26.3	20.8	71.7	0.0	0.0	0.0	9.1
21	15.0	26.8	20.2	73.7	0.0	0.0	0.0	8.9
22	14.2	26.4	20.7	66.7	0.0	0.0	0.0	7.9
23	14.8	24.2	19.6	72.3	0.0	0.0	0.0	.9
24	15.2	26.8	21.5	65.0	0.0	0.0	0.0	8.5
25	15.0	27.6	21.7	63.3	0.0	0.0	0.0	7.9
26	15.1	28.6	21.4	68.3	0.0	0.0	0.0	9.6
27	17.0	28.4	22.8	64.3	0.0	0.0	0.0	7.4
28	16.0	26.9	20.0	72.7	0.0	0.0	0.0	2.9
29	15.5	27.2	20.1	63.0	0.0	0.0	0.0	8.5
30	16.0	26.2	20.6	68.3	0.0	.7	.7	3.2
31	16.8	27.4	21.6	70.3	0.0	.3	.3	5.5
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	15.7	25.7	20.2	74.7	20.0	35.9	55.9	191.9

ESTACION: LA TRINIDAD

DPTO: TOLIMA

LATITUD : 04° 54'N

AÑO: 1991

MPIO: LIBANO

LONGITUD : 75° 03'W

ALTITUD : 1430 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	25.2	20.5	70.7	0.0	0.0	0.0	1.4
2	14.0	28.1	20.9	59.7	0.0	0.0	0.0	9.1
3	14.8	28.2	21.3	57.7	0.0	0.0	0.0	7.9
4	16.5	28.4	22.2	60.7	0.0	0.0	0.0	7.0
5	16.2	28.9	22.9	62.0	0.0	0.0	0.0	7.3
6	17.8	27.8	21.8	67.7	0.0	0.0	0.0	3.2
7	17.0	28.4	21.9	70.7	0.0	0.0	0.0	6.8
8	16.2	29.2	23.1	63.0	0.0	0.0	0.0	9.3
9	16.8	30.1	23.6	59.0	0.0	0.0	0.0	9.1
10	17.2	27.2	22.2	64.0	0.0	0.0	0.0	9.1
11	15.0	27.0	20.5	64.3	0.0	0.0	0.0	5.8
12	15.1	27.9	20.8	60.3	0.0	0.0	0.0	5.7
13	16.5	28.2	21.9	60.3	0.0	0.0	0.0	2.7
14	16.2	28.3	22.2	68.7	0.0	0.0	0.0	4.0
15	17.5	26.0	21.2	77.7	.5	11.9	12.4	2.1
16	16.8	26.4	19.1	84.0	9.5	35.8	45.3	2.1
17	16.2	22.8	18.1	93.3	13.3	.5	13.8	2.0
18	17.0	26.2	20.8	84.0	0.0	4.3	4.3	4.7
19	17.1	26.9	21.1	86.3	0.0	1.3	1.3	3.5
20	16.8	25.8	19.7	90.3	0.0	4.1	4.1	1.2
21	16.5	24.0	19.9	87.7	0.0	1.3	1.3	.8
22	15.4	25.0	20.2	87.7	.2	16.3	16.5	3.1
23	16.4	24.9	19.5	86.3	0.0	11.9	11.9	5.7
24	16.9	22.4	19.2	90.7	2.8	0.0	2.8	1.4
25	17.0	26.0	21.4	85.0	0.0	4.9	4.9	4.8
26	16.0	24.7	20.3	82.3	0.0	0.0	0.0	4.0
27	17.0	25.2	20.9	83.0	0.0	.7	.7	5.1
28	17.4	25.8	21.5	88.7	0.0	0.0	0.0	7.3
29	17.2	24.2	19.8	90.0	0.0	.5	.5	3.3
30	16.5	26.0	20.9	86.3	0.0	0.0	0.0	4.7
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.4	26.5	21.0	75.7	26.3	93.5	119.8	144.2

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	26.6	21.6	83.0	0.0	2.5	2.5	4.5
2	17.0	25.0	20.5	89.0	0.0	1.2	1.2	4.8
3	16.9	24.0	20.0	84.0	0.0	11.4	11.4	5.0
4	14.8	25.2	20.1	80.7	0.0	0.0	0.0	8.2
5	15.8	25.8	20.6	81.7	0.0	0.0	0.0	8.1
6	16.2	27.2	21.0	82.0	0.0	.5	.5	3.2
7	16.5	24.9	19.5	86.3	7.2	17.8	25.0	2.8
8	16.0	20.6	18.6	92.3	0.0	9.4	9.4	.3
9	16.4	20.0	18.1	96.0	3.5	.7	4.2	.3
10	16.2	23.2	19.3	90.0	0.0	0.0	0.0	3.6
11	16.4	24.4	19.4	83.0	0.0	2.8	2.8	7.7
12	16.0	24.2	20.4	81.3	0.0	33.1	33.1	7.0
13	15.0	24.1	20.2	80.3	0.0	0.0	0.0	7.0
14	15.4	24.9	19.3	83.0	0.0	0.0	0.0	8.5
15	16.0	26.4	18.1	88.3	8.2	0.0	8.2	4.4
16	15.0	23.0	18.9	90.0	0.0	0.0	0.0	5.2
17	17.0	24.2	20.0	87.0	0.0	1.1	1.1	3.1
18	16.8	22.8	18.4	91.7	0.0	0.0	0.0	1.1
19	15.4	23.7	19.0	85.0	0.0	0.0	0.0	4.3
20	15.2	24.9	19.8	73.0	0.0	0.0	0.0	8.5
21	13.2	26.0	19.9	64.3	0.0	0.0	0.0	9.8
22	15.0	26.5	20.5	68.3	0.0	0.0	0.0	9.9
23	15.1	26.0	20.4	77.0	0.0	0.0	0.0	7.9
24	15.0	25.0	20.3	79.0	0.0	0.0	0.0	6.8
25	15.1	26.5	20.6	85.7	0.0	.1	.1	5.0
26	16.0	23.6	18.9	86.7	0.0	0.0	0.0	4.4
27	15.9	23.8	20.0	84.0	0.0	.4	.4	4.1
28	16.4	24.5	20.4	84.7	0.0	1.1	1.1	3.8
29	16.8	25.5	20.3	80.7	0.0	47.0	47.0	6.4
30	16.0	21.6	18.4	92.7	0.0	0.0	0.0	1.3
31	15.8	23.0	20.5	86.0	.1	5.5	5.6	3.6
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	15.9	24.4	19.8	83.8	19.0	134.6	153.6	160.6

ESTACION: LA TRINIDAD

DPTO: TOLIMA

LATITUD : 04° 54'N

AÑO: 1991

MPIO: LIBANO

LONGITUD: 75° 03'W

ALTITUD : 1430 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	23.2	19.8	88.7	0.0	0.0	0.0	2.1
2	17.0	24.9	20.7	86.7	0.0	0.0	0.0	2.3
3	16.4	25.0	20.4	87.0	0.0	0.0	0.0	3.8
4	17.0	23.8	19.2	88.7	0.0	0.0	0.0	2.0
5	17.1	23.2	19.9	88.7	4.7	.4	5.1	.7
6	15.0	23.8	19.1	94.7	1.8	12.4	14.2	1.5
7	15.4	20.0	17.5	94.7	29.0	0.0	29.0	.6
8	16.0	21.2	18.5	93.7	.6	9.2	9.8	1.5
9	15.8	20.2	17.5	95.3	2.6	1.0	3.6	0.0
10	15.9	20.8	18.0	95.3	0.0	0.0	0.0	1.1
11	15.0	24.0	19.8	86.0	0.0	0.0	0.0	2.9
12	15.5	24.5	20.1	88.0	0.0	.4	.4	3.8
13	17.0	24.8	20.0	86.7	1.5	6.3	7.8	2.7
14	16.8	23.0	18.3	91.3	14.0	5.0	19.0	1.2
15	16.0	21.8	18.5	90.7	.4	.5	.9	1.0
16	16.1	23.4	19.0	91.3	5.0	.1	5.1	2.7
17	15.8	24.2	18.7	91.3	9.4	0.0	9.4	3.0
18	14.0	24.5	19.3	89.3	0.0	0.0	0.0	4.6
19	17.0	24.8	20.7	87.0	0.0	0.0	0.0	4.6
20	16.0	24.2	19.9	88.0	0.0	.3	.3	5.2
21	16.8	23.4	19.6	88.0	0.0	0.0	0.0	5.2
22	16.0	24.0	20.1	88.3	.1	1.7	1.8	4.1
23	17.8	23.4	20.3	92.3	0.0	0.0	0.0	3.7
24	16.0	24.2	19.8	84.7	0.0	0.0	0.0	2.0
25	17.8	22.4	19.1	91.7	1.0	0.0	1.0	.4
26	17.0	22.8	19.6	93.7	0.0	0.0	0.0	.7
27	17.2	22.2	19.9	91.0	0.0	36.4	36.4	.6
28	16.6	23.4	18.9	96.0	.9	0.0	.9	.7
29	17.3	22.2	19.1	94.3	0.0	0.0	0.0	.7
30	16.4	24.0	20.2	86.0	0.0	0.0	0.0	3.3
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.3	23.2	19.4	90.3	71.0	73.7	144.7	68.7

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	25.2	20.9	85.3	0.0	0.0	0.0	6.6
2	17.0	25.0	20.4	87.3	0.0	5.6	5.6	3.9
3	16.8	23.5	18.8	90.7	1.8	0.0	1.8	2.1
4	16.0	24.4	19.9	88.0	0.0	5.1	5.1	2.0
5	16.5	23.2	19.7	90.3	0.0	.4	.4	.4
6	16.0	23.8	19.5	94.0	52.9	0.0	52.9	1.4
7	16.2	25.2	20.5	85.7	0.0	18.1	18.1	5.9
8	17.0	25.3	21.3	86.3	0.0	0.0	0.0	5.6
9	18.0	24.0	20.7	87.7	0.0	1.0	1.0	.9
10	18.2	25.0	20.7	90.3	0.0	4.8	4.8	1.8
11	16.0	24.4	20.3	86.3	0.0	0.0	0.0	4.4
12	17.8	26.0	21.1	83.7	0.0	0.0	0.0	5.5
13	18.0	26.2	21.2	87.0	0.0	2.1	2.1	2.4
14	17.4	24.2	20.3	86.7	0.0	1.5	1.5	.9
15	16.8	24.0	19.3	86.0	.6	0.0	.6	.7
16	17.0	24.2	19.1	87.0	0.0	.2	.2	.8
17	16.9	21.2	18.4	90.7	.7	0.0	.7	.2
18	16.0	23.4	18.8	88.7	.5	0.0	.5	.4
19	16.2	25.0	20.1	87.0	0.0	0.0	0.0	3.4
20	16.0	24.5	20.1	84.7	0.0	3.0	3.0	2.1
21	17.0	25.0	20.3	82.7	0.0	6.6	6.6	3.9
22	16.4	21.8	18.3	94.0	.4	.1	.5	.6
23	15.2	23.4	19.2	90.3	0.0	0.0	0.0	.7
24	16.8	22.4	19.3	83.7	0.0	0.0	0.0	.6
25	16.0	23.9	19.5	84.7	0.0	0.0	0.0	4.6
26	16.1	24.0	19.9	83.3	.5	0.0	.5	5.1
27	15.0	26.0	20.6	81.0	.8	47.6	48.4	8.0
28	16.0	24.8	20.4	87.7	0.0	.9	.9	3.9
29	17.0	22.9	19.0	94.0	0.0	0.0	0.0	1.4
30	15.8	24.3	20.3	86.7	0.0	0.0	0.0	7.5
31	16.8	25.0	19.8	78.7	0.0	.9	.9	7.1
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.6	24.2	19.9	87.1	58.2	97.9	156.1	94.8

Estación: LA TRINIDAD

Dpto.: TOLIMA

Latitud : 04° 54'N

Año: 1991

Mpio.: LIBANO

Longitud: 75° 03'W
Altitud : 1430 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Mín. Med.	Máx. Med.	Med.	Mín. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	16.4	25.3	20.3	14.9	28.0	81.6	35.6	6	158.7
FEBRERO	17.3	25.5	20.7	15.0	28.4	80.0	112.8	12	90.0
MARZO	17.2	24.7	20.4	15.2	27.9	84.3	163.8	20	69.8
ABRIL	16.9	24.4	20.3	15.0	27.4	84.7	213.3	22	118.3
MAYO	17.1	23.8	20.2	15.3	25.6	87.3	306.5	22	97.8
JUNIO	16.9	24.1	20.5	15.0	26.0	84.1	108.5	12	130.1
JULIO	16.3	24.7	20.3	14.2	26.8	79.2	29.6	10	142.6
AGOSTO	15.7	25.7	20.2	14.0	28.6	74.7	55.9	8	191.9
SEPTIEMBRE	16.4	26.5	21.0	14.0	30.1	75.7	119.8	13	144.2
OCTUBRE	15.9	24.4	19.8	13.2	27.2	83.8	153.6	16	160.6
NOVIEMBRE	16.3	23.2	19.4	14.0	25.0	90.3	144.7	16	68.7
DICIEMBRE	16.6	24.2	19.9	15.0	26.2	87.1	156.1	21	94.8
PROMEDIO	16.6	24.7	20.2			82.7			
ABSOLUTA				13.2	30.1				
TOTAL							1600.2	178	1467.5

ESTACION: LA PRIMAVERA

DPTO: TOLIMA

LATITUD : 04° 25'N

AÑO: 1991

MPIO: IBAGUE

LONGITUD: 75° 15'W

ALTITUD : 1300 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.5	24.0	20.3	79.7	0.0	3.3	3.3	.8
2	17.5	23.7	19.5	87.7	25.0	0.0	25.0	1.6
3	18.5	25.5	21.5	78.0	.3	0.0	.3	.9
4	18.9	22.5	20.2	86.7	5.3	0.0	5.3	.4
5	17.2	27.0	22.3	72.3	0.0	0.0	0.0	5.5
6	17.6	26.0	22.1	67.7	0.0	11.7	11.7	6.1
7	18.0	25.5	21.1	78.7	4.6	0.0	4.6	5.6
8	18.5	26.6	22.7	76.3	0.0	0.0	0.0	5.1
9	19.0	27.2	22.2	77.3	0.0	0.0	0.0	6.8
10	18.3	28.0	22.9	69.3	0.0	0.0	0.0	7.2
11	18.9	26.8	23.2	67.3	0.0	0.0	0.0	5.3
12	19.0	27.0	22.4	73.0	0.0	.1	.1	4.0
13	18.2	26.7	22.3	68.7	0.0	0.0	0.0	4.4
14	18.1	27.0	22.4	67.3	0.0	0.0	0.0	5.5
15	18.0	26.7	22.6	64.3	0.0	0.0	0.0	6.4
16	17.2	27.6	22.7	58.3	0.0	19.0	19.0	8.9
17	17.1	26.5	22.0	69.0	0.0	0.0	0.0	7.1
18	18.1	26.8	22.3	73.0	0.0	0.0	0.0	6.8
19	18.0	26.2	21.5	78.3	3.9	0.0	3.9	6.1
20	17.5	27.0	22.3	69.0	0.0	0.0	0.0	5.2
21	17.2	27.3	21.9	67.7	0.0	0.0	0.0	8.2
22	17.5	27.5	22.4	60.3	0.0	0.0	0.0	8.7
23	18.0	27.6	22.6	65.3	0.0	1.8	1.8	8.4
24	18.1	27.2	22.6	59.3	0.0	0.0	0.0	7.1
25	17.0	28.2	23.2	56.0	0.0	0.0	0.0	10.1
26	17.8	28.0	23.0	58.0	0.0	0.0	0.0	9.1
27	19.5	28.1	23.2	57.7	0.0	0.0	0.0	5.0
28	19.3	29.9	24.4	57.0	0.0	0.0	0.0	9.2
29	18.9	29.6	24.3	64.3	0.0	0.0	0.0	9.4
30	19.0	28.0	23.0	66.3	0.0	0.0	0.0	2.7
31	18.6	28.2	23.5	62.0	0.0	0.0	0.0	7.7
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.1	26.9	22.3	68.9	39.1	35.9	75.0	185.3

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.5	28.1	23.1	64.7	0.0	0.0	0.0	9.1
2	18.0	28.0	23.1	63.3	0.0	.2	.2	5.0
3	18.1	26.0	22.2	68.7	0.0	0.0	0.0	3.6
4	17.2	23.2	19.2	86.3	32.6	0.0	32.6	.6
5	17.1	26.5	22.2	69.3	0.0	0.0	0.0	5.4
6	18.5	26.1	21.8	72.3	0.0	0.0	0.0	2.6
7	17.5	26.2	21.7	72.7	6.0	0.0	6.0	2.3
8	18.0	25.0	20.6	84.3	.5	0.0	.5	4.2
9	17.0	25.5	21.6	73.3	0.0	6.7	6.7	5.7
10	17.8	26.5	22.1	72.7	0.0	0.0	0.0	5.2
11	18.2	26.0	22.5	69.0	0.0	.8	.8	2.9
12	17.8	25.5	21.3	80.3	0.0	0.0	0.0	2.9
13	19.0	26.8	22.2	74.0	0.0	0.0	0.0	3.7
14	18.5	27.8	22.7	66.7	0.0	0.0	0.0	4.7
15	19.2	27.9	23.0	61.3	0.0	0.0	0.0	5.4
16	19.0	26.0	22.3	76.7	0.0	0.0	0.0	1.8
17	18.8	27.5	22.4	71.7	0.0	17.7	17.7	2.2
18	18.0	25.6	21.9	79.7	0.0	0.0	0.0	.2
19	17.9	27.3	22.6	66.0	0.0	0.0	0.0	6.8
20	19.0	25.2	21.8	78.3	0.0	0.0	0.0	1.0
21	18.4	28.4	23.3	61.3	0.0	0.0	0.0	7.6
22	18.5	28.2	24.0	60.3	0.0	0.0	0.0	6.5
23	20.0	28.3	23.7	63.0	0.0	.4	.4	5.6
24	18.1	27.5	22.1	65.7	.9	0.0	.9	2.5
25	19.3	28.5	21.4	58.3	0.0	0.0	0.0	4.2
26	19.5	30.0	24.7	60.3	0.0	.7	.7	3.8
27	19.0	28.2	23.0	67.3	0.0	0.0	0.0	5.8
28	20.0	28.6	24.0	64.7	.1	.1	.2	3.9
29								
30								
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.4	26.9	22.3	69.7	40.1	26.6	66.7	115.2

ESTACION: LA PRIMAVERA

DPTO: TOLIMA

LATITUD : 04° 25'N

AÑO: 1991

MPIO: IBAGUE

LONGITUD: 75° 15'W

ALTITUD : 1300 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.5	28.2	23.4	64.0	0.0	0.0	0.0	5.1
2	20.0	25.5	20.7	83.0	13.5	.6	14.1	7.7
3	18.0	25.2	21.4	85.3	0.0	0.0	0.0	7.4
4	17.5	25.2	21.9	76.0	0.0	6.0	6.0	4.2
5	19.0	24.5	20.3	88.3	0.0	28.0	28.0	1.9
6	18.4	26.0	21.3	76.3	0.0	7.0	7.0	3.3
7	18.5	23.5	20.1	81.3	0.0	0.0	0.0	4.4
8	17.5	26.5	21.3	74.0	0.0	13.0	13.0	4.1
9	18.0	24.5	20.8	87.0	0.0	0.0	0.0	2.4
10	17.8	23.1	19.9	83.0	.7	0.0	.7	.6
11	18.0	26.0	21.1	80.3	8.1	1.3	9.4	3.2
12	18.2	23.6	20.5	83.3	2.0	0.0	2.0	.2
13	18.3	25.5	22.0	79.0	0.0	12.4	12.4	3.6
14	17.5	26.8	21.5	79.7	5.5	0.0	5.5	3.5
15	18.8	26.0	21.4	78.7	5.9	0.0	5.9	5.3
16	18.9	27.2	23.1	76.3	16.4	0.0	16.4	7.1
17	19.0	27.7	23.3	68.3	0.0	0.0	0.0	8.6
18	18.8	27.8	23.1	66.0	0.0	0.0	0.0	9.0
19	18.7	27.2	22.9	63.0	0.0	0.0	0.0	8.7
20	18.1	27.3	23.0	64.3	0.0	0.0	0.0	7.1
21	18.8	28.5	23.5	59.7	0.0	3.9	3.9	9.0
22	19.0	26.0	22.0	78.7	0.0	0.0	0.0	2.0
23	19.1	28.2	23.4	71.7	0.0	6.9	6.9	6.1
24	18.0	25.5	21.2	80.7	2.3	5.0	7.3	1.9
25	18.5	23.5	21.0	81.3	2.6	12.4	15.0	.6
26	18.6	19.9	18.8	91.7	31.6	.2	31.8	0.0
27	18.0	23.2	20.1	84.3	2.1	1.1	3.2	.2
28	17.5	24.0	20.1	87.7	15.8	.1	15.9	1.1
29	16.8	26.0	22.1	65.3	0.0	0.0	0.0	8.6
30	17.5	25.8	21.9	72.0	0.0	20.6	20.6	8.8
31	17.1	22.2	20.0	79.7	.3	.1	.4	2.4
TOTAL PROMEDIO	18.3	25.5	21.5	77.1	106.8	118.6	225.4	127.1

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	25.5	21.5	69.3	0.0	.4	.4	7.8
2	18.0	24.9	21.0	72.0	.8	0.0	.8	2.8
3	17.0	25.5	22.1	69.3	0.0	0.0	0.0	5.5
4	18.7	27.7	22.5	69.7	0.0	0.0	0.0	5.4
5	18.5	27.9	23.0	64.3	0.0	5.5	5.5	6.1
6	17.0	25.0	20.4	81.0	.4	0.0	.4	5.1
7	18.5	27.3	22.8	65.7	.1	1.9	2.0	7.7
8	18.8	25.8	21.3	76.0	8.5	43.5	52.0	1.6
9	17.1	24.8	20.8	82.0	0.0	10.6	10.6	4.4
10	17.8	26.0	20.5	79.0	0.0	0.0	0.0	2.1
11	18.0	25.2	21.6	73.7	0.0	0.0	0.0	2.6
12	19.0	27.0	22.3	77.7	2.7	22.2	24.9	3.4
13	17.5	23.5	20.3	79.3	9.3	0.0	9.3	1.9
14	18.0	24.5	20.8	81.7	3.1	1.1	4.2	4.9
15	16.5	24.4	21.0	78.7	0.0	0.0	0.0	4.1
16	19.0	26.2	21.8	77.3	0.0	0.0	0.0	1.9
17	18.9	27.5	23.0	68.0	0.0	5.1	5.1	7.0
18	18.5	27.0	22.8	68.0	.2	2.6	2.8	4.2
19	18.1	24.8	20.8	83.0	0.0	.7	.7	3.5
20	18.0	26.2	21.1	71.7	11.7	0.0	11.7	5.1
21	18.5	27.4	22.4	60.7	0.0	0.0	0.0	9.2
22	19.0	27.5	23.3	69.0	0.0	0.0	0.0	2.1
23	19.5	26.8	23.3	68.0	0.0	38.5	38.5	3.7
24	17.5	27.0	22.6	76.3	0.0	0.0	0.0	7.8
25	18.5	27.8	23.6	66.3	0.0	0.0	0.0	8.7
26	19.2	27.1	22.9	62.7	0.0	0.0	0.0	5.8
27	18.1	26.2	23.1	70.0	0.0	42.0	42.0	2.9
28	16.5	25.8	21.1	77.3	0.0	2.6	2.6	2.2
29	18.0	27.2	23.1	73.3	0.0	3.0	3.0	8.1
30	18.8	25.9	22.0	83.0	0.0	38.0	38.0	4.7
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	18.1	26.2	21.9	73.1	36.8	217.7	254.5	142.3

ESTACION: LA PRIMAVERA

DPTO: TOLIMA

LATITUD : 04° 25'N

AÑO: 1991

MPIO: IBAGUE

LONGITUD : 75° 15'W

ALTITUD : 1300 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	27.5	22.2	76.3	1.2	.7	1.9	5.0
2	19.1	26.5	22.2	78.0	8.0	0.0	8.0	4.4
3	19.0	25.3	22.3	76.0	4.4	32.8	37.2	1.3
4	18.0	25.9	21.4	79.3	0.0	30.5	30.5	4.5
5	18.4	24.0	20.0	87.0	2.4	0.0	2.4	1.6
6	17.8	26.6	22.6	69.3	0.0	0.0	0.0	7.1
7	18.2	25.9	21.1	74.0	0.0	0.0	0.0	2.0
8	18.0	27.9	23.1	57.7	0.0	0.0	0.0	9.3
9	19.6	27.2	22.4	70.3	0.0	0.0	0.0	1.3
10	19.5	28.0	23.1	66.0	.6	1.7	2.3	7.7
11	18.8	27.5	22.8	68.0	0.0	0.0	0.0	6.0
12	18.0	24.9	21.4	74.0	3.5	.1	3.6	2.7
13	18.2	27.0	22.9	77.0	0.0	0.0	0.0	6.4
14	19.6	26.2	21.4	78.3	62.3	.2	62.5	2.1
15	18.2	27.1	22.7	69.3	0.0	2.6	2.6	2.3
16	19.2	27.0	22.1	76.7	0.0	15.2	15.2	3.4
17	18.3	21.2	19.3	83.3	12.0	0.0	12.0	.2
18	16.9	25.8	20.4	78.7	6.2	0.0	6.2	3.8
19	18.0	25.0	21.3	82.0	0.0	8.0	8.0	3.9
20	17.6	25.3	20.7	80.3	4.5	28.1	32.6	3.4
21	17.5	23.2	19.7	77.7	7.3	3.5	10.8	.8
22	17.2	23.6	20.2	85.7	.2	0.0	.2	1.4
23	18.2	25.2	21.2	84.0	2.0	1.5	3.5	6.4
24	18.3	25.4	21.8	81.3	.3	1.3	1.6	2.1
25	17.0	24.9	21.2	75.7	11.2	0.0	11.2	4.9
26	17.8	26.8	21.6	74.7	0.0	.4	.4	7.4
27	18.2	28.2	22.6	77.0	0.0	0.0	0.0	6.7
28	19.2	27.8	23.7	65.3	0.0	0.0	0.0	9.2
29	19.0	27.5	23.4	66.0	0.0	14.2	14.2	5.8
30	18.2	26.5	22.5	72.7	0.0	6.9	6.9	7.3
31	18.0	25.5	20.3	85.3	27.1	0.0	27.1	.8
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.3	26.0	21.7	75.7	153.2	147.7	300.9	131.2

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	26.0	21.7	81.3	0.0	.4	.4	4.6
2	18.8	26.8	22.5	79.3	0.0	15.3	15.3	5.3
3	17.5	26.4	22.0	78.7	0.0	0.0	0.0	3.9
4	18.9	27.9	24.0	72.3	0.0	.3	.3	6.4
5	20.0	27.0	23.5	79.7	.5	1.6	2.1	2.5
6	19.0	24.9	22.0	82.7	1.7	0.0	1.7	3.9
7	19.4	28.0	23.6	77.0	0.0	0.0	0.0	6.9
8	19.5	25.4	21.6	87.0	1.9	0.0	1.9	.4
9	18.2	28.9	24.6	56.3	0.0	0.0	0.0	7.6
10	20.0	27.0	22.9	69.3	0.0	0.0	0.0	1.0
11	18.8	29.2	24.6	56.0	0.0	0.0	0.0	8.5
12	18.2	28.2	24.0	57.3	0.0	0.0	0.0	5.7
13	19.3	27.5	23.0	66.7	0.0	.5	.5	3.4
14	19.0	26.0	22.0	79.0	0.0	0.0	0.0	2.6
15	18.5	27.0	22.9	76.0	0.0	.3	.3	8.1
16	18.6	23.0	20.4	88.0	1.2	.2	1.4	.2
17	18.4	26.8	21.7	87.3	0.0	0.0	0.0	2.7
18	19.0	25.8	21.5	76.0	1.1	0.0	1.1	2.0
19	18.7	28.0	23.5	65.7	0.0	0.0	0.0	7.5
20	19.0	28.2	24.0	65.0	1.4	2.2	3.6	8.9
21	18.7	26.0	22.1	80.0	0.0	0.0	0.0	2.5
22	18.9	26.8	22.9	78.3	0.0	16.3	16.3	1.4
23	18.3	26.0	21.7	81.3	1.8	.5	2.3	3.4
24	18.6	25.0	20.4	82.3	8.0	0.0	8.0	4.5
25	18.5	26.9	22.6	70.0	0.0	0.0	0.0	7.6
26	18.4	26.5	22.1	80.3	2.2	0.0	2.2	6.0
27	18.0	24.5	21.0	88.0	5.6	2.0	7.6	3.3
28	19.0	25.5	21.8	81.0	0.0	7.3	7.3	4.3
29	17.2	22.8	20.3	86.7	1.6	0.0	1.6	.2
30	18.0	25.7	21.3	75.3	0.0	.7	.7	.6
31	====	====	====	====	====	====	====	====
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.7	26.5	22.4	76.1	27.0	47.6	74.6	125.9

ESTACION: LA PRIMAVERA

DPTO: TOLIMA

LATITUD : 04° 25'N

AÑO: 1991

MPIO: IBAGUE

LONGITUD: 75° 15'W
ALTITUD : 1300 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	24.7	20.7	82.7	0.0	0.0	0.0	.6
2	18.0	26.3	22.5	73.0	0.0	0.0	0.0	7.9
3	18.2	27.0	22.6	67.7	0.0	0.0	0.0	4.5
4	18.8	26.5	22.8	65.7	0.0	.1	.1	1.8
5	19.0	22.7	20.1	90.3	3.6	4.6	8.2	.1
6	17.3	25.2	21.2	84.7	0.0	5.9	5.9	4.6
7	17.4	24.4	21.2	80.0	0.0	0.0	0.0	1.9
8	17.5	27.2	22.3	70.7	0.0	4.8	4.8	6.6
9	17.4	25.2	21.3	82.0	0.0	.6	.6	5.2
10	18.0	25.8	22.0	72.7	0.0	0.0	0.0	3.6
11	18.4	26.8	22.2	70.3	0.0	.2	.2	5.2
12	18.0	25.9	22.0	74.0	0.0	0.0	0.0	4.2
13	18.1	27.0	21.7	68.0	0.0	0.0	0.0	6.0
14	17.5	27.5	23.0	62.0	0.0	0.0	0.0	8.2
15	19.0	28.0	23.0	63.0	0.0	.1	.1	4.7
16	18.5	27.8	22.6	67.3	0.0	0.0	0.0	2.1
17	17.5	27.5	22.8	62.0	0.0	0.0	0.0	7.9
18	18.5	28.0	23.4	62.3	0.0	.7	.7	7.3
19	18.0	28.2	23.2	64.3	0.0	0.0	0.0	8.1
20	17.2	27.0	22.8	62.7	0.0	0.0	0.0	5.5
21	18.5	28.2	23.4	61.3	0.0	0.0	0.0	6.5
22	18.9	28.5	23.5	68.0	0.0	0.0	0.0	7.3
23	19.2	28.6	24.0	58.7	0.0	0.0	0.0	3.8
24	18.8	25.9	21.6	70.0	0.0	0.0	0.0	.4
25	18.7	27.1	22.7	66.0	0.0	0.0	0.0	1.5
26	18.5	27.3	23.5	63.7	0.0	0.0	0.0	4.7
27	19.4	28.2	22.9	65.0	0.0	0.0	0.0	3.6
28	19.0	27.2	22.9	67.0	0.0	0.0	0.0	5.6
29	18.9	28.0	23.1	73.3	0.0	0.0	0.0	4.8
30	18.8	25.5	21.6	81.0	0.0	3.9	3.9	.3
31	17.5	25.8	21.2	76.7	0.0	34.0	34.0	2.6
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	18.3	26.7	22.4	70.2	3.6	54.9	58.5	137.1

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	23.0	19.5	86.0	1.3	.3	1.6	1.3
2	17.8	27.2	22.0	75.3	.6	16.9	17.5	6.9
3	16.2	27.1	21.5	57.7	0.0	0.0	0.0	4.7
4	17.5	26.9	23.2	58.7	0.0	0.0	0.0	7.8
5	19.2	25.4	21.4	77.0	.7	0.0	.7	.8
6	17.5	25.8	21.7	77.3	0.0	0.0	0.0	2.7
7	18.0	27.0	23.0	68.0	0.0	15.8	15.8	6.2
8	16.5	25.3	22.0	75.3	.1	1.8	1.9	9.0
9	18.0	25.0	21.3	78.7	0.0	22.0	22.0	6.2
10	17.5	24.5	21.6	72.3	0.0	0.0	0.0	2.1
11	17.0	27.1	22.3	59.3	0.0	0.0	0.0	5.9
12	18.2	28.2	23.0	46.3	0.0	0.0	0.0	2.8
13	18.5	27.2	22.6	50.7	0.0	0.0	0.0	4.2
14	18.8	26.5	22.4	58.7	.2	0.0	.2	2.7
15	17.5	26.1	22.1	62.7	0.0	0.0	0.0	4.6
16	17.0	26.0	22.1	60.3	0.0	0.0	0.0	4.2
17	18.0	26.2	22.4	64.3	0.0	0.0	0.0	2.3
18	18.1	26.1	22.5	65.7	0.0	0.0	0.0	2.0
19	17.5	26.8	22.3	60.7	0.0	0.0	0.0	2.2
20	17.4	27.5	23.4	60.7	0.0	0.0	0.0	8.9
21	18.1	26.2	22.5	67.0	0.0	0.0	0.0	3.3
22	18.0	28.2	23.0	60.0	0.0	0.0	0.0	1.6
23	17.9	26.8	22.6	57.3	0.0	0.0	0.0	3.8
24	18.0	28.0	23.3	56.0	0.0	0.0	0.0	7.1
25	17.5	28.2	23.5	51.3	0.0	0.0	0.0	8.0
26	18.1	29.5	24.5	52.3	0.0	0.0	0.0	9.9
27	19.2	30.0	24.5	55.0	0.0	0.0	0.0	6.7
28	20.8	25.9	22.5	61.0	0.0	0.0	0.0	.8
29	17.2	28.5	23.0	53.0	0.0	0.0	0.0	6.4
30	18.0	27.4	22.5	61.3	0.0	0.0	0.0	1.7
31	18.2	27.2	22.9	60.7	0.0	1.7	1.7	5.2
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.9	26.8	22.5	62.9	2.9	58.5	61.4	142.0

ESTACION: LA PRIMAVERA

DPTO: TOLIMA

LATITUD : 04° 25'N

LONGITUD: 75° 15'W

AÑO: 1991

MPIO: IBAGUE

ALTITUD : 1300 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.7	27.5	22.8	57.0	0.0	0.0	0.0	5.3
2	18.0	30.0	25.2	42.7	0.0	0.0	0.0	9.5
3	19.2	30.2	24.5	44.7	0.0	0.0	0.0	8.6
4	20.0	30.1	25.2	45.0	0.0	0.0	0.0	6.0
5	19.4	31.0	25.8	46.7	0.0	0.0	0.0	7.6
6	20.2	30.0	24.8	54.7	0.0	0.0	0.0	2.4
7	19.3	29.5	24.6	60.3	0.0	0.0	0.0	6.5
8	19.4	30.3	25.2	55.0	0.0	0.0	0.0	9.5
9	20.0	30.5	26.3	52.3	0.0	0.0	0.0	8.8
10	20.8	28.5	24.5	56.3	0.0	0.0	0.0	4.6
11	19.2	27.5	23.0	54.7	0.0	0.0	0.0	1.2
12	19.8	29.2	24.1	50.7	0.0	0.0	0.0	5.3
13	18.2	30.0	24.3	52.0	0.0	0.0	0.0	6.0
14	19.8	28.8	24.5	55.7	0.0	0.0	0.0	
15	18.5	26.8	22.7	68.0	9.4	0.0	9.4	
16	18.6	28.2	21.2	78.7	10.8	20.4	31.2	
17	17.0	23.0	19.8	87.7	.4	1.1	1.5	
18	18.2	27.0	22.9	73.7	1.9	3.2	5.1	
19	17.0	26.8	21.9	72.7	4.0	22.8	26.8	
20	16.9	24.8	19.7	81.3	72.1	4.8	76.9	1.3
21	17.0	24.5	20.7	80.7	0.0	1.6	1.6	2.4
22	18.0	25.8	21.8	77.7	0.0	14.7	14.7	6.4
23	16.8	24.5	20.5	82.0	0.0	9.5	9.5	5.3
24	17.8	25.0	20.8	88.0	7.8	0.0	7.8	3.3
25	18.0	26.9	22.8	67.7	0.0	15.1	15.1	5.0
26	17.2	25.4	22.2	75.7	1.8	1.9	3.7	4.7
27	17.4	26.6	22.5	68.3	0.0	9.6	9.6	6.0
28	18.0	26.4	22.2	82.3	0.0	7.3	7.3	5.4
29	17.2	26.2	21.3	79.3	0.0	6.3	6.3	8.1
30	17.8	26.5	22.5	81.3	.2	.8	1.0	6.5
31								
TOTAL PROMEDIO	18.4	27.6	23.0	65.8	108.4	119.1	227.5	

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.5	26.8	23.0	78.3	0.0	9.1	9.1	9.0
2	18.0	26.0	22.4	79.7	0.0	39.4	39.4	7.7
3	17.0	26.2	21.7	79.7	0.0	12.6	12.6	8.0
4	16.5	26.0	22.2	73.3	0.0	0.0	0.0	8.6
5	18.8	26.4	22.7	65.3	0.0	0.0	0.0	9.1
6	17.7	26.6	22.4	76.7	0.0	1.1	1.1	7.4
7	17.2	26.4	21.1	74.0	12.9	2.1	15.0	5.5
8	17.0	23.0	20.4	87.0	2.1	1.0	3.1	1.5
9	17.1	22.1	18.5	88.7	63.8	.1	63.9	0.0
10	15.8	25.4	21.2	72.0	.9	0.0	.9	2.3
11	17.3	27.0	20.6	79.0	5.0	0.0	5.0	3.6
12	18.0	27.8	22.7	67.0	0.0	1.3	1.3	8.1
13	17.5	29.0	22.4	64.7	0.0	0.0	0.0	6.3
14	17.4	28.0	23.0	64.7	0.0	0.0	0.0	9.9
15	17.8	26.0	21.7	72.7	0.0	0.0	0.0	6.8
16	17.5	27.0	21.8	75.3	0.0	1.3	1.3	5.8
17	18.0	28.1	23.1	66.3	0.0	0.0	0.0	5.0
18	19.0	25.1	21.2	68.7	0.0	0.0	0.0	1.4
19	17.0	26.4	21.4	69.7	0.0	0.0	0.0	2.9
20	18.2	28.5	22.8	59.3	0.0	0.0	0.0	8.1
21	17.8	30.0	24.1	46.7	0.0	0.0	0.0	9.7
22	19.0	29.0	23.8	52.7	0.0	0.0	0.0	9.0
23	17.8	28.5	23.7	59.7	0.0	0.0	0.0	7.6
24	18.5	28.8	23.8	55.0	0.0	0.0	0.0	7.1
25	18.4	29.0	23.9	65.0	0.0	10.6	10.6	9.1
26	17.2	24.2	20.4	82.3	1.4	0.0	1.4	3.7
27	18.0	25.0	21.6	77.3	.4	.6	1.0	2.7
28	17.5	27.5	22.2	69.7	0.0	0.0	0.0	5.3
29	18.0	28.2	23.1	66.7	0.0	8.5	8.5	6.9
30	17.8	24.5	20.5	81.3	6.2	0.0	6.2	1.5
31	17.7	26.4	22.0	74.3	0.0	0.0	0.0	6.2
TOTAL PROMEDIO	17.7	26.7	22.1	70.7	92.7	87.7	180.4	185.8

ESTACION: LA PRIMAVERA

DPTO: TOLIMA

LATITUD : 04° 25'N

AÑO: 1991

MPIO: IBAGUE

LONGITUD: 75° 15'W
ALTITUD : 1300 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.2	26.9	21.9	79.3	0.0	.6	.6	6.0
2	18.0	26.0	22.2	78.3	0.0	0.0	0.0	4.6
3	17.7	26.1	21.3	78.0	14.8	15.0	29.8	4.7
4	17.0	24.2	20.3	84.7	4.6	1.3	5.9	2.6
5	18.0	24.0	21.1	89.3	23.0	1.3	24.3	4.4
6	17.5	24.2	20.2	89.0	6.7	6.6	13.3	1.9
7	17.3	21.2	19.3	91.0	0.0	.3	.3	0.0
8	16.8	24.7	20.4	86.0	2.9	13.8	16.7	3.2
9	17.0	21.5	18.8	90.0	2.9	0.0	2.9	0.0
10	17.2	24.0	19.9	87.3	0.0	0.0	0.0	5.1
11	17.3	24.3	20.8	83.7	0.0	2.4	2.4	5.0
12	16.6	24.4	21.1	82.0	0.0	8.2	8.2	5.6
13	18.2	25.6	22.2	82.3	0.0	32.3	32.3	2.4
14	17.0	23.5	20.1	91.3	9.6	6.3	15.9	2.1
15	18.0	21.0	19.1	93.3	31.5	0.0	31.5	1.2
16	17.0	24.5	20.3	88.7	1.5	1.1	2.6	5.6
17	17.6	24.4	20.8	86.0	3.3	30.9	34.2	2.5
18	16.2	24.6	20.7	82.3	0.0	1.3	1.3	5.7
19	18.0	24.0	20.8	87.0	28.1	0.0	28.1	2.2
20	18.2	25.5	21.4	79.3	0.0	19.3	19.3	5.2
21	17.0	24.0	20.1	82.3	0.0	0.0	0.0	3.9
22	17.8	25.2	21.2	84.7	0.0	0.0	0.0	3.1
23	17.5	25.1	21.7	85.3	0.0	0.0	0.0	5.6
24	18.0	25.0	21.5	79.3	1.3	2.1	3.4	3.8
25	19.0	23.2	20.6	83.0	0.0	0.0	0.0	0.0
26	17.5	24.9	20.8	83.3	0.0	0.0	0.0	2.7
27	17.8	24.2	21.6	82.0	0.0	8.5	8.5	.6
28	18.5	24.4	21.0	84.7	0.0	0.0	0.0	1.2
29	18.0	24.0	21.3	79.7	0.0	0.0	0.0	.6
30	17.8	24.1	19.9	88.7	29.0	0.0	29.0	2.6
31								
TOTAL PROMEDIO	17.6	24.3	20.7	84.7	159.2	151.3	310.5	94.1

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.4	26.4	22.0	73.0	0.0	0.0	0.0	8.2
2	19.0	25.7	22.1	78.7	0.0	.1	.1	3.9
3	17.0	24.2	20.7	81.3	53.9	0.0	53.9	4.5
4	16.5	25.8	21.9	74.0	0.0	6.1	6.1	8.5
5	18.0	24.1	20.7	87.7	.2	0.0	.2	1.5
6	18.2	24.2	20.5	91.7	20.1	.1	20.2	3.3
7	18.0	24.9	21.3	82.3	0.0	1.6	1.6	2.2
8	18.1	25.2	21.6	76.7	0.0	0.0	0.0	5.1
9	19.0	24.2	21.0	89.0	0.0	0.0	0.0	2.5
10	17.5	25.0	21.1	83.3	.4	32.2	32.6	4.0
11	17.4	25.2	21.1	83.3	0.0	1.4	1.4	6.1
12	17.5	26.2	22.2	76.3	.5	0.0	.5	6.0
13	19.0	25.0	21.5	85.3	0.0	0.0	0.0	2.8
14	18.9	24.6	21.3	82.7	0.0	5.2	5.2	1.3
15	18.2	22.0	19.8	92.0	0.0	5.6	5.6	.3
16	17.7	21.4	19.3	92.7	1.3	0.0	1.3	0.0
17	17.5	21.9	19.2	86.0	5.5	0.0	5.5	0.0
18	15.4	23.2	18.7	88.3	12.3	1.8	14.1	4.0
19	17.5	23.4	20.5	81.7	1.3	0.0	1.3	1.4
20	18.1	25.2	21.7	79.7	0.0	0.0	0.0	4.5
21	18.5	24.9	21.1	80.0	0.0	0.0	0.0	2.9
22	17.0	22.6	19.9	82.3	0.0	.6	.6	1.1
23	17.9	23.2	19.8	78.3	.8	0.0	.8	2.2
24	16.9	23.6	19.5	82.3	.8	0.0	.8	.9
25	17.5	25.2	21.4	76.0	0.0	0.0	0.0	6.3
26	17.4	25.5	21.2	81.0	0.0	0.0	0.0	5.3
27	18.0	26.2	21.9	71.3	0.0	14.2	14.2	7.7
28	17.8	25.4	20.8	84.3	0.0	1.7	1.7	3.9
29	17.6	22.4	20.1	90.7	0.0	0.0	0.0	.8
30	18.0	24.0	21.1	83.7	0.0	0.0	0.0	6.8
31	18.1	26.6	21.7	69.0	0.0	0.0	0.0	8.5
TOTAL PROMEDIO	17.8	24.4	20.8	82.1	97.1	70.6	167.7	116.5

Estación: LA PRIMAVERA

Dpto.: TOLIMA

Latitud : 04° 25'N

Año: 1991

Mpio.: IBAGUE

Longitud: 75° 15'W
Altitud : 1300 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	18.1	26.9	22.3	16.5	29.9	68.9	75.0	10	185.3
FEBRERO	18.4	26.9	22.3	17.0	30.0	69.7	66.7	11	115.2
MARZO	18.3	25.5	21.5	16.8	28.5	77.1	225.4	21	127.1
ABRIL	18.1	26.2	21.9	16.5	27.9	73.1	254.5	19	142.3
MAYO	18.3	26.0	21.7	16.9	28.2	75.7	300.9	23	131.2
JUNIO	18.7	26.5	22.4	17.2	29.2	76.1	74.6	19	125.9
JULIO	18.3	26.7	22.4	17.2	28.6	70.2	58.5	10	137.1
AGOSTO	17.9	26.8	22.5	16.2	30.0	62.9	61.4	8	142.0
SEPTIEMBRE	18.4	27.6	23.0	16.7	31.0	65.8	227.5	16	
OCTUBRE	17.7	26.7	22.1	15.8	30.0	70.7	180.4	16	185.8
NOVIEMBRE	17.6	24.3	20.7	16.2	26.9	84.7	310.5	21	94.1
DICIEMBRE	17.8	24.4	20.8	15.4	26.6	82.1	167.7	20	116.5
PROMEDIO	18.1	26.2	22.0			73.1			
ABSOLUTA				15.4	31.0				
TOTAL							2003.1	194	

ESTACION: ALBAN

DPTO: VALLE

LATITUD : 04° 46'N

AÑO: 1991

MPIO: EL CAIRO

LONGITUD: 76° 11'W
ALTITUD : 1500 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.9	23.0	18.6	84.3	4.1	0.0	4.1	1.9
2	15.4	25.0	19.5	79.7	0.0	2.3	2.3	4.9
3	16.4	24.6	19.4	83.7	.1	.1	.2	.6
4	16.9	24.8	19.8	86.0	0.0	0.0	0.0	3.7
5	16.8	26.8	20.8	80.0	0.0	.4	.4	2.9
6	17.2	24.9	20.3	79.7	0.0	.2	.2	5.0
7	14.5	24.8	19.5	79.7	0.0	0.0	0.0	2.8
8	15.4	24.9	20.0	82.0	0.0	0.0	0.0	4.2
9	15.9	25.4	20.5	83.0	0.0	0.0	0.0	5.3
10	17.5	26.4	21.2	81.0	0.0	0.0	0.0	5.3
11	16.8	25.3	20.5	81.0	20.1	.1	20.2	2.8
12	17.3	23.6	19.1	89.0	.8	0.0	.8	1.6
13	16.6	25.8	20.2	80.7	0.0	9.8	9.8	5.0
14	16.5	24.7	19.5	83.3	.2	0.0	.2	3.0
15	15.2	24.9	19.0	86.7	3.1	0.0	3.1	3.3
16	16.4	26.0	20.6	76.3	0.0	0.0	0.0	7.4
17	15.5	22.7	18.8	83.3	0.0	0.0	0.0	1.0
18	15.3	25.9	19.2	84.7	0.0	0.0	0.0	2.9
19	16.5	23.4	19.4	84.7	.1	.1	.2	3.8
20	16.4	22.8	19.5	83.7	1.8	0.0	1.8	3.7
21	15.9	24.2	19.3	76.3	0.0	0.0	0.0	5.6
22	15.5	25.6	19.9	83.0	0.0	0.0	0.0	7.4
23	15.8	28.4	21.0	74.3	0.0	0.0	0.0	8.3
24	15.3	27.2	20.7	79.0	0.0	0.0	0.0	7.5
25	14.6	25.4	20.1	81.3	0.0	0.0	0.0	6.6
26	15.3	26.5	20.1	80.3	0.0	0.0	0.0	6.6
27	15.9	25.5	20.7	79.3	0.0	0.0	0.0	3.0
28	15.0	27.6	20.3	80.0	0.0	0.0	0.0	7.1
29	16.3	28.5	20.9	80.0	0.0	0.0	0.0	5.9
30	17.6	26.8	20.5	83.0	0.0	.2	.2	2.6
31	16.9	27.8	20.8	80.0	0.0	0.0	0.0	5.5
TOTAL PROMEDIO	16.0	25.5	20.0	81.6	30.3	13.2	43.5	137.2

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	24.2	20.4	81.7	0.0	0.0	0.0	5.9
2	17.0	26.0	20.4	81.7	0.0	18.3	18.3	3.2
3	16.0	21.7	18.2	86.0	7.1	0.0	7.1	0.0
4	12.7	24.3	19.0	78.3	0.0	0.0	0.0	5.8
5	15.6	23.2	19.4	85.0	0.0	0.0	0.0	2.8
6	16.1	25.5	19.6	83.3	0.0	0.0	0.0	5.2
7	16.9	24.4	20.0	84.0	0.0	0.0	0.0	2.7
8	16.1	25.2	19.4	87.0	0.0	0.0	0.0	3.4
9	16.0	26.4	20.4	80.0	1.1	0.0	1.1	5.4
10	15.9	28.5	20.9	81.7	0.0	0.0	0.0	8.4
11	17.0	27.4	20.5	84.0	0.0	0.0	0.0	2.8
12	17.3	25.7	20.9	80.7	0.0	0.0	0.0	4.3
13	17.4	26.8	20.4	84.3	0.0	0.0	0.0	3.0
14	16.5	24.4	19.8	83.7	0.0	0.0	0.0	4.4
15	16.9	24.9	20.4	82.3	0.0	.3	.3	4.2
16	16.6	23.1	19.4	84.0	8.8	0.0	8.8	.8
17	15.6	27.6	20.1	81.3	0.0	0.0	0.0	6.2
18	16.8	23.6	19.9	81.3	0.0	0.0	0.0	1.5
19	15.4	23.0	19.7	80.7	0.0	0.0	0.0	1.5
20	15.2	24.8	19.8	80.3	0.0	0.0	0.0	3.8
21	16.5	25.8	20.2	78.7	0.0	0.0	0.0	3.2
22	16.3	26.4	20.5	80.0	0.0	0.0	0.0	4.2
23	16.6	24.4	20.7	81.0	0.0	0.0	0.0	5.1
24	16.7	28.4	21.5	78.7	0.0	0.0	0.0	4.8
25	14.7	26.7	20.6	79.0	0.0	0.0	0.0	7.4
26	16.8	24.2	20.0	84.7	19.0	0.0	19.0	2.3
27	16.4	24.9	20.4	81.7	0.0	0.0	0.0	4.9
28	17.4	23.7	20.0	82.0	.6	1.0	1.6	2.6
29								
30								
31								
TOTAL PROMEDIO	16.3	25.2	20.1	82.0	36.6	19.6	56.2	109.8

ESTACION: ALBAN

DPTO: VALLE

LATITUD : 04° 46'N

AÑO: 1991

MPIO: EL CAIRO

LONGITUD : 76° 11'W

ALTITUD : 1500 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	22.8	19.4	89.3	3.8	0.0	3.8	1.3
2	17.3	24.5	20.2	83.3	0.0	.1	.1	.3
3	15.1	26.0	20.1	81.3	8.1	0.0	8.1	3.6
4	17.2	25.5	20.8	78.3	0.0	0.0	0.0	4.6
5	15.0	24.3	19.1	81.3	0.0	0.0	0.0	5.5
6	16.0	26.5	19.4	86.0	0.0	0.0	0.0	5.6
7	16.4	25.9	20.1	85.3	1.1	.3	1.4	2.0
8	15.8	26.0	20.8	77.0	0.0	.1	.1	3.9
9	16.0	24.9	20.7	78.3	.8	0.0	.8	4.5
10	16.6	26.3	20.4	78.7	1.2	.2	1.4	1.0
11	15.9	25.4	20.3	80.3	0.0	14.1	14.1	4.2
12	15.4	22.2	19.1	89.3	5.1	4.6	9.7	0.0
13	16.9	25.6	20.9	79.7	0.0	.1	.1	3.2
14	16.3	25.5	19.8	80.3	.2	0.0	.2	2.8
15	13.8	25.2	19.8	79.7	0.0	0.0	0.0	5.5
16	17.5	24.8	19.1	88.3	.6	0.0	.6	3.5
17	16.8	24.2	19.7	83.3	5.4	.4	5.8	4.1
18	15.3	25.6	20.4	80.7	0.0	0.0	0.0	6.1
19	16.2	26.0	20.2	84.3	.3	0.0	.3	6.1
20	16.8	26.8	21.2	78.3	0.0	0.0	0.0	6.6
21	16.4	28.6	21.3	78.7	0.0	0.0	0.0	8.2
22	16.6	25.9	20.0	85.3	4.3	.4	4.7	4.7
23	17.7	23.4	20.1	83.0	9.5	5.4	14.9	4.3
24	16.8	23.2	18.8	88.0	7.1	.8	7.9	1.0
25	17.3	24.4	19.8	83.7	4.3	5.3	9.6	2.0
26	16.8	22.8	18.2	91.0	14.0	7.0	21.0	.3
27	15.0	25.4	19.3	85.0	.8	8.2	9.0	1.6
28	15.1	22.6	18.2	87.3	6.0	0.0	6.0	0.0
29	14.3	24.8	19.6	78.0	0.0	0.0	0.0	7.2
30	14.4	25.0	19.6	78.7	.1	3.9	4.0	5.0
31	15.5	24.8	18.7	78.7	11.6	0.0	11.6	2.5
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.1	25.0	19.8	82.6	84.3	50.9	135.2	111.2

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	13.7	23.8	18.2	83.7	0.0	0.0	0.0	4.0
2	14.5	25.8	19.6	74.3	.1	0.0	.1	3.5
3	14.9	26.0	20.5	77.3	0.0	0.0	0.0	5.9
4	17.4	25.0	20.3	83.0	0.0	0.0	0.0	5.2
5	16.8	25.8	20.6	80.3	0.0	0.0	0.0	4.9
6	16.0	26.9	20.7	78.3	3.4	.2	3.6	5.2
7	16.8	26.0	19.8	81.7	2.0	.1	2.1	4.1
8	16.4	23.2	19.6	85.3	.1	13.3	13.4	.6
9	16.5	25.0	19.7	82.3	.7	5.9	6.6	4.3
10	16.4	25.8	20.5	76.7	0.0	6.3	6.3	4.2
11	17.0	26.9	20.4	80.7	0.0	28.3	28.3	4.1
12	15.8	23.6	18.8	82.7	7.7	0.0	7.7	2.9
13	14.5	25.2	18.6	90.0	1.2	1.2	2.4	5.0
14	14.3	24.2	19.0	84.0	.6	31.9	32.5	5.7
15	13.6	25.8	19.3	82.7	0.0	0.0	0.0	6.0
16	15.4	25.7	20.2	81.3	0.0	0.0	0.0	7.7
17	16.6	22.2	18.8	85.7	2.2	0.0	2.2	1.2
18	13.8	26.4	19.3	80.7	.9	2.2	3.1	6.5
19	16.0	25.6	20.2	80.3	0.0	.5	.5	5.9
20	16.8	25.9	20.7	81.3	.8	1.8	2.6	5.8
21	16.5	24.6	20.3	84.0	0.0	0.0	0.0	6.4
22	16.1	26.0	20.7	80.7	0.0	.2	.2	3.8
23	16.7	24.8	20.4	82.0	.1	.3	.4	5.2
24	16.8	25.6	20.8	82.7	0.0	2.0	2.0	8.1
25	16.7	26.0	21.1	82.0	0.0	0.0	0.0	5.6
26	17.1	24.9	20.3	81.3	0.0	0.0	0.0	2.1
27	15.3	25.0	20.2	83.0	0.0	.2	.2	2.9
28	16.0	24.0	19.2	83.3	9.0	5.0	14.0	1.6
29	14.8	24.2	19.5	84.0	0.0	0.0	0.0	4.7
30	16.9	26.0	20.8	80.3	.1	3.3	3.4	4.0
31	====	====	====	====	====	====	====	====
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	15.9	25.2	19.9	81.9	28.9	102.7	131.6	137.1

ESTACION: ALBAN

DPTO: VALLE

LATITUD : 04° 46'N

AÑO: 1991

MPIO: EL CAIRO

LONGITUD: 76° 11'W

ALTITUD : 1500 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	26.8	21.1	78.0	0.0	0.0	0.0	5.4
2	16.2	25.9	20.3	85.7	0.0	.4	.4	5.7
3	17.1	22.2	19.6	80.3	0.0	.3	.3	0.0
4	16.6	24.8	20.2	80.3	1.3	.1	1.4	2.0
5	16.9	24.9	19.7	85.3	4.4	0.0	4.4	2.1
6	16.3	26.9	21.1	83.0	0.0	0.0	0.0	5.4
7	16.7	27.4	20.9	80.3	0.0	0.0	0.0	3.5
8	16.1	27.0	21.3	79.7	0.0	0.0	0.0	7.2
9	17.8	26.2	21.4	82.0	0.0	0.0	0.0	.4
10	16.0	26.1	20.9	79.0	1.7	.2	1.9	7.5
11	15.7	26.2	19.6	85.0	14.9	0.0	14.9	4.9
12	16.9	25.1	19.7	87.3	19.5	.6	20.1	4.1
13	17.2	27.9	21.9	79.7	0.0	.1	.1	8.2
14	16.7	25.4	20.8	83.7	0.0	.1	.1	.3
15	17.9	25.8	21.1	83.3	0.0	.1	.1	4.2
16	18.0	24.4	20.1	87.7	.5	0.0	.5	.4
17	17.0	21.8	18.3	90.7	17.5	.9	18.4	.3
18	16.4	21.2	18.8	87.7	.6	19.6	20.2	0.0
19	16.2	23.3	18.8	90.7	3.8	1.3	5.1	.7
20	16.1	25.0	19.3	83.0	2.3	.8	3.1	2.7
21	16.0	23.2	18.9	89.0	5.8	0.0	5.8	1.0
22	16.7	21.4	18.5	90.7	1.4	19.8	21.2	.2
23	15.8	24.8	19.6	82.3	2.8	0.0	2.8	4.2
24	15.5	24.1	19.4	82.0	0.0	0.0	0.0	4.0
25	14.3	27.5	20.7	79.3	0.0	0.0	0.0	6.9
26	17.7	27.0	20.7	85.3	0.0	0.0	0.0	5.0
27	16.9	27.3	21.4	81.0	0.0	0.0	0.0	7.3
28	16.3	26.9	21.0	83.7	0.0	0.0	0.0	6.2
29	17.3	25.8	21.2	77.7	0.0	0.0	0.0	3.6
30	16.4	23.9	19.2	86.7	2.0	0.0	2.0	0.0
31	15.6	24.4	19.8	83.7	.5	7.4	8.0	3.4
TOTAL PROMEDIO	16.5	25.2	20.2	83.7	79.1	51.7	130.8	106.8

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	27.4	20.9	81.0	3.5	0.0	3.5	3.8
2	16.5	25.0	20.6	82.7	0.0	3.8	3.8	5.0
3	17.2	25.9	21.1	80.0	0.0	0.0	0.0	5.1
4	16.7	24.9	20.7	85.0	0.0	.2	.2	5.0
5	17.3	24.1	19.7	87.0	1.6	0.0	1.6	.7
6	15.2	25.2	20.2	84.3	.7	.2	.9	5.3
7	17.0	29.0	21.7	77.3	0.0	0.0	0.0	8.9
8	16.0	28.8	22.2	75.0	0.0	0.0	0.0	6.7
9	16.2	26.5	21.4	80.3	0.0	5.4	5.4	7.1
10	15.8	28.8	22.1	76.0	0.0	0.0	0.0	8.9
11	15.6	28.1	20.6	83.7	0.0	0.0	0.0	8.0
12	16.2	26.2	21.7	79.3	0.0	0.0	0.0	4.9
13	15.0	26.0	20.9	80.3	0.0	.5	.5	5.8
14	17.2	24.9	20.3	86.3	.3	8.8	9.1	4.0
15	16.2	24.1	20.0	83.0	6.1	11.7	17.8	5.0
16	16.8	23.9	19.5	85.3	1.4	.1	1.5	.8
17	17.5	25.8	21.3	79.0	.4	0.0	.4	3.8
18	16.2	28.0	21.5	75.7	0.0	0.0	0.0	6.4
19	17.4	25.1	20.8	79.0	0.0	0.0	0.0	1.7
20	15.4	24.2	20.1	81.3	0.0	1.4	1.4	5.3
21	16.7	24.0	19.7	85.0	28.5	0.0	28.5	1.4
22	16.4	24.9	20.2	85.0	.8	1.7	2.5	2.7
23	17.0	25.5	20.1	84.3	7.1	1.1	8.2	3.7
24	16.3	25.3	20.3	79.7	17.2	.4	17.6	4.0
25	15.0	25.4	19.7	80.7	3.1	0.0	3.1	6.3
26	15.7	24.0	19.2	85.3	2.1	5.9	8.0	5.4
27	16.3	24.2	19.6	84.7	.3	22.3	22.6	2.1
28	15.4	24.0	19.8	83.0	4.5	0.0	4.5	4.2
29	14.9	24.8	19.5	82.7	0.0	0.0	0.0	1.1
30	16.4	24.4	20.0	81.0	.1	.3	.4	5.4
31								
TOTAL PROMEDIO	16.3	25.6	20.5	81.8	77.7	63.8	141.5	138.5

ESTACION: ALBAN

DPTO: VALLE

LATITUD : 04° 46'N

AÑO: 1991

MPIO: EL CAIRO

LONGITUD: 76° 11'W

ALTITUD : 1500 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.0	24.8	20.0	80.7	0.0	0.0	0.0	5.0
2	15.6	27.6	20.8	77.3	0.0	.3	.3	7.2
3	16.3	24.8	19.4	85.3	27.5	0.0	27.5	3.7
4	16.6	23.4	19.0	86.0	1.8	2.0	3.8	.1
5	15.8	22.9	18.0	90.3	7.4	1.8	9.2	2.6
6	15.9	23.9	19.1	82.3	0.0	.3	.3	4.6
7	16.3	26.1	20.5	79.7	.8	0.0	.8	5.0
8	16.9	25.1	19.8	84.7	2.9	0.0	2.9	7.2
9	15.8	27.9	21.1	77.0	0.0	0.0	0.0	7.3
10	15.7	25.4	20.5	80.0	0.0	0.0	0.0	4.2
11	15.4	24.9	20.1	81.7	0.0	2.9	2.9	4.1
12	16.3	24.2	19.3	84.3	0.0	9.1	9.1	4.5
13	16.4	24.5	19.5	81.0	0.0	0.0	0.0	5.4
14	13.4	26.0	19.4	83.3	0.0	0.0	0.0	8.3
15	16.0	27.7	21.2	75.7	0.0	0.0	0.0	5.9
16	15.9	28.0	21.1	75.3	0.0	0.0	0.0	7.8
17	16.7	25.4	20.1	80.7	0.0	.7	.7	4.9
18	16.6	25.5	20.5	80.0	0.0	0.0	0.0	5.8
19	14.8	27.6	21.0	76.7	0.0	0.0	0.0	8.8
20	14.3	25.3	20.0	80.0	0.0	0.0	0.0	1.8
21	17.6	25.4	20.8	80.0	0.0	0.0	0.0	3.7
22	16.7	27.6	20.8	80.0	0.0	0.0	0.0	8.8
23	16.9	25.7	21.1	79.3	0.0	0.0	0.0	8.4
24	16.2	25.9	19.6	77.3	12.4	5.7	18.1	0.0
25	14.4	27.4	20.5	80.7	0.0	0.0	0.0	6.3
26	14.2	26.4	20.1	80.7	0.0	0.0	0.0	4.6
27	15.7	24.4	20.0	85.0	0.0	0.0	0.0	2.7
28	16.6	24.9	20.3	82.0	0.0	0.0	0.0	4.4
29	16.3	24.2	20.3	81.7	0.0	0.0	0.0	3.7
30	16.8	23.3	18.2	89.3	34.1	3.8	37.9	.3
31	15.9	22.8	18.8	79.3	2.6	1.9	4.5	.5
TOTAL PROMEDIO	16.0	25.5	20.0	81.2	89.5	28.5	118.0	147.6

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.7	24.9	20.1	74.3	.2	0.0	.2	3.0
2	14.6	25.9	20.1	82.0	.3	2.8	3.1	7.5
3	14.8	27.2	21.0	73.7	0.0	0.0	0.0	9.2
4	13.8	24.9	19.7	80.7	0.0	0.0	0.0	7.1
5	15.6	23.6	18.7	85.0	0.0	0.0	0.0	1.5
6	16.2	24.1	19.7	81.0	0.0	.5	.5	4.7
7	16.8	23.6	19.8	84.3	0.0	28.7	28.7	4.7
8	16.1	23.8	18.5	86.3	0.0	3.7	3.7	3.5
9	14.9	21.8	18.1	82.3	0.0	0.0	0.0	3.9
10	14.7	27.2	20.3	74.0	0.0	0.0	0.0	5.1
11	13.4	27.8	20.0	78.7	0.0	0.0	0.0	7.0
12	15.6	26.8	20.3	76.7	0.0	0.0	0.0	5.5
13	13.9	28.4	20.5	68.7	0.0	0.0	0.0	8.1
14	14.5	27.8	21.0	70.7	0.0	0.0	0.0	6.5
15	13.2	28.9	20.7	71.0	0.0	0.0	0.0	7.8
16	12.8	27.4	19.3	80.3	0.0	0.0	0.0	6.9
17	14.2	26.9	19.6	81.7	0.0	0.0	0.0	3.2
18	16.3	25.1	17.7	87.7	4.3	0.0	4.3	4.9
19	14.1	26.2	19.8	82.7	0.0	0.0	0.0	6.9
20	13.7	25.3	19.8	79.7	0.0	0.0	0.0	8.2
21	16.6	26.9	20.9	80.3	0.0	0.0	0.0	5.2
22	14.2	26.4	20.0	83.3	0.0	0.0	0.0	5.2
23	14.9	28.2	20.4	76.3	0.0	0.0	0.0	7.4
24	13.7	27.3	20.5	71.3	0.0	0.0	0.0	7.9
25	15.0	27.6	20.6	78.3	0.0	0.0	0.0	7.7
26	14.9	28.9	21.7	75.0	0.0	0.0	0.0	8.8
27	17.2	27.9	20.8	81.3	0.0	0.0	0.0	4.9
28	15.9	29.1	21.5	70.7	0.0	0.0	0.0	8.4
29	12.2	28.2	20.1	72.0	0.0	0.0	0.0	7.8
30	13.4	26.4	19.9	78.7	0.0	0.0	0.0	3.0
31	16.9	26.0	20.2	81.3	0.0	0.0	0.0	6.0
TOTAL PROMEDIO	14.8	26.5	20.0	78.4	4.8	35.7	40.5	187.5

ESTACION: ALBAN

DPTO: VALLE

LATITUD : 04° 46'N

AÑO: 1991

MPIO: EL CAIRO

LONGITUD: 76° 11'W
ALTITUD : 1500 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.9	28.2	20.8	73.0	0.0	0.0	0.0	6.2
2	14.4	27.9	20.4	80.3	0.0	0.0	0.0	8.1
3	17.6	24.0	20.3	81.3	0.0	0.0	0.0	0.0
4	15.4	29.0	20.5	80.3	0.0	0.0	0.0	7.9
5	16.8	26.4	19.9	84.0	0.0	.4	.4	8.4
6	15.8	25.8	20.3	81.0	0.0	.2	.2	2.2
7	15.2	28.4	20.7	78.0	0.0	0.0	0.0	7.6
8	16.8	28.8	21.6	72.7	0.0	0.0	0.0	7.1
9	17.2	27.8	21.1	78.3	.2	0.0	.2	7.5
10	15.8	30.2	22.1	70.3	0.0	0.0	0.0	7.0
11	14.9	29.8	21.6	66.7	0.0	0.0	0.0	8.2
12	13.2	29.6	21.1	67.3	0.0	0.0	0.0	8.3
13	13.6	25.8	19.7	78.7	0.0	0.0	0.0	7.8
14	16.2	25.2	20.4	78.7	.1	4.4	4.5	4.5
15	15.9	23.5	19.6	82.0	0.0	9.7	9.7	1.2
16	16.3	22.0	18.2	83.7	4.0	1.0	5.0	.5
17	15.8	24.8	19.1	78.3	13.9	22.7	36.6	3.8
18	15.2	23.8	19.2	80.7	0.0	0.0	0.0	3.3
19	15.4	23.4	19.2	83.3	0.0	6.1	6.1	3.8
20	16.8	22.2	18.4	78.3	3.6	.2	3.8	.4
21	14.2	25.0	18.5	86.0	16.0	2.3	18.3	4.5
22	16.9	23.8	18.6	88.7	3.7	6.9	10.6	1.5
23	16.0	25.2	19.4	83.3	.6	.2	.8	4.3
24	16.9	21.8	17.5	92.7	3.3	0.0	3.3	0.0
25	14.2	24.3	18.4	84.3	7.4	4.4	11.8	3.5
26	15.2	27.6	19.7	83.3	0.0	0.0	0.0	5.6
27	14.9	24.6	18.8	85.3	2.7	0.0	2.7	2.4
28	15.8	24.2	20.1	82.3	0.0	1.9	1.9	5.6
29	15.9	23.8	19.9	82.0	.2	0.0	.2	2.8
30	16.5	25.8	20.1	83.0	0.0	26.1	26.1	5.7
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.7	25.8	19.8	80.3	55.7	86.5	142.2	139.7

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	24.0	19.0	81.7	.7	0.0	.7	3.1
2	13.7	23.6	19.0	84.0	0.0	7.4	7.4	5.0
3	15.7	24.0	19.4	82.0	0.0	0.0	0.0	5.9
4	14.1	24.8	18.8	84.3	.2	0.0	.2	3.8
5	14.7	24.0	19.6	79.7	0.0	0.0	0.0	6.1
6	13.8	25.2	18.2	85.0	3.8	1.8	5.6	4.0
7	14.9	25.1	17.7	90.0	31.9	0.0	31.9	2.1
8	15.2	23.3	18.8	86.3	6.4	0.0	6.4	2.7
9	14.8	24.8	18.7	82.0	5.4	.7	6.1	1.8
10	14.9	25.0	18.2	77.7	1.4	.3	1.7	2.4
11	13.6	24.8	18.7	78.7	12.7	0.0	12.7	4.5
12	13.4	24.6	19.0	81.7	0.0	0.0	0.0	5.7
13	14.2	24.2	18.6	84.0	1.8	0.0	1.8	3.2
14	13.0	25.2	19.6	79.7	0.0	0.0	0.0	7.2
15	13.8	24.8	18.1	83.7	1.0	0.0	1.0	6.4
16	14.0	24.6	19.0	81.7	.1	0.0	.1	7.3
17	15.6	27.3	20.5	75.7	0.0	1.2	1.2	5.2
18	15.8	24.0	18.5	85.7	.2	0.0	.2	.6
19	13.9	25.8	18.7	81.3	0.0	0.0	0.0	5.9
20	13.6	27.2	19.8	74.3	0.0	0.0	0.0	7.7
21	12.8	26.3	20.0	77.7	0.0	0.0	0.0	8.2
22	13.8	25.9	20.2	78.0	0.0	0.0	0.0	6.2
23	14.7	26.2	20.4	81.3	0.0	0.0	0.0	5.5
24	16.8	24.8	19.9	81.3	0.0	0.0	0.0	0.0
25	15.7	23.4	19.7	80.3	.1	12.3	12.4	4.5
26	15.2	23.8	19.0	84.7	11.2	0.0	11.2	3.8
27	16.4	23.3	19.2	80.3	1.1	0.0	1.1	3.1
28	14.8	23.8	18.4	86.3	5.0	0.0	5.0	4.0
29	12.8	25.3	18.3	86.0	0.0	.8	.8	5.7
30	14.2	27.2	19.9	80.3	0.0	0.0	0.0	3.1
31	15.3	25.2	19.8	80.7	0.0	0.0	0.0	2.6
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	14.6	24.9	19.1	81.8	83.0	24.5	107.5	137.3

ESTACION: ALBAN

DPTO: VALLE

LATITUD : 04° 46'N

AÑO: 1991

MPIO: EL CAIRO

LONGITUD: 76° 11'W

ALTITUD : 1500 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.6	26.2	19.8	79.0	1.5	1.2	2.7	0.0
2	15.1	23.2	18.5	82.3	0.0	0.0	0.0	1.9
3	15.0	23.6	19.0	82.0	.2	0.0	.2	4.1
4	16.2	22.7	18.8	88.3	6.6	0.0	6.6	2.0
5	14.4	24.1	18.3	87.3	7.3	0.0	7.3	3.1
6	16.8	24.2	18.9	85.3	2.7	1.2	3.9	1.8
7	16.2	22.8	18.4	92.3	2.3	0.0	2.3	1.7
8	14.9	24.0	19.1	81.0	0.0	2.1	2.1	2.4
9	15.2	22.5	17.7	91.7	19.9	2.2	22.1	.5
10	15.4	25.4	18.9	85.7	26.3	0.0	26.3	1.9
11	15.7	25.7	19.1	83.7	0.0	.3	.3	3.2
12	16.3	25.5	20.0	84.7	0.0	2.3	2.3	6.0
13	16.8	24.0	19.2	85.3	24.0	21.1	45.1	.7
14	15.8	26.0	19.2	80.0	8.9	1.6	10.5	1.5
15	15.9	21.8	17.6	92.3	6.7	4.2	10.9	.2
16	13.4	23.2	17.9	83.3	0.0	0.0	0.0	5.2
17	15.5	22.8	18.8	86.3	0.0	.5	.5	4.6
18	15.6	24.2	19.3	82.7	0.0	0.0	0.0	4.9
19	15.7	23.7	19.1	85.7	2.3	0.0	2.3	2.0
20	15.6	25.2	19.7	82.7	0.0	5.0	5.0	4.4
21	15.8	23.4	18.3	91.7	1.4	.6	2.0	1.2
22	14.8	24.9	19.1	84.0	.9	0.0	.9	3.7
23	16.2	24.0	19.9	84.3	0.0	0.0	0.0	1.5
24	16.5	24.2	19.6	83.3	0.0	23.5	23.5	1.8
25	16.6	21.3	18.4	88.0	4.0	0.0	4.0	0.0
26	14.8	25.8	20.4	80.3	0.0	0.0	0.0	1.6
27	16.8	24.3	20.2	82.0	0.0	0.0	0.0	2.1
28	17.1	24.9	20.3	83.7	0.0	0.0	0.0	1.4
29	16.4	21.5	18.5	89.3	.9	0.0	.9	0.0
30	14.6	25.0	19.9	83.0	1.3	0.0	1.3	5.9
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.7	24.0	19.0	85.0	117.2	65.8	183.0	71.3

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.3	25.1	19.8	82.3	0.0	3.8	3.8	6.2
2	16.9	22.1	18.9	86.3	9.4	.1	9.5	0.0
3	16.8	27.1	20.1	82.7	2.3	.3	2.6	4.2
4	16.0	26.2	20.7	80.7	0.0	21.0	21.0	4.6
5	16.8	18.1	17.0	95.7	17.3	0.0	17.3	0.0
6	11.8	27.8	19.6	78.7	0.0	.9	.9	7.6
7	17.3	23.8	19.9	85.7	0.0	0.0	0.0	3.3
8	17.0	25.0	20.2	84.7	1.1	4.6	5.7	3.7
9	16.7	20.3	17.7	91.0	2.8	0.0	2.8	0.0
10	13.8	25.4	18.8	84.7	0.0	0.0	0.0	5.7
11	16.8	23.8	19.5	84.7	0.0	0.0	0.0	2.7
12	15.7	25.8	19.8	86.3	0.0	5.8	5.8	4.5
13	15.6	24.3	19.4	80.7	0.0	24.4	24.4	5.3
14	16.6	22.3	18.6	88.7	10.8	.6	11.4	.5
15	16.2	22.2	18.8	87.0	3.6	5.6	9.2	0.0
16	15.8	25.0	19.1	80.0	0.0	0.0	0.0	3.3
17	15.7	21.3	17.9	82.7	.6	0.0	.6	0.0
18	14.4	25.0	19.1	79.7	0.0	0.0	0.0	6.0
19	15.2	27.0	20.7	78.7	0.0	0.0	0.0	5.2
20	16.6	25.9	20.0	81.7	.4	0.0	.4	3.8
21	16.2	24.2	19.7	83.0	0.0	10.5	10.5	4.3
22	16.4	21.5	18.5	85.3	6.1	.1	6.2	.2
23	15.4	25.0	19.3	83.3	0.0	0.0	0.0	3.8
24	15.6	26.1	19.5	85.0	0.0	0.0	0.0	4.3
25	14.8	25.8	20.0	78.3	0.0	0.0	0.0	4.6
26	14.7	24.6	19.6	81.0	0.0	0.0	0.0	5.1
27	14.8	24.9	19.8	78.0	0.0	0.0	0.0	5.9
28	15.8	25.2	19.3	84.0	5.8	43.7	49.5	2.3
29	15.4	22.1	18.6	84.3	6.2	0.0	6.2	.7
30	12.4	24.0	18.6	83.0	0.0	0.0	0.0	7.7
31	14.8	24.3	19.4	83.0	0.0	0.0	0.0	3.7
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.6	24.2	19.3	83.6	66.4	121.4	187.8	109.2

Estación: ALBAN

Dpto.: VALLE

Latitud : 04° 46'N

Año: 1991

Mpio.: EL CAIRO

Longitud: 76° 11'W
Altitud : 1500 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med. Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Dias Lluvia	Brillo Sol. (h)
ENERO	16.0	25.5	20.0	13.9	28.5	81.6	43.5	13	137.2
FEBRERO	16.3	25.2	20.1	12.7	28.5	82.0	56.2	7	109.8
MARZO	16.1	25.0	19.8	13.8	28.6	82.6	135.2	23	111.2
ABRIL	15.9	25.2	19.9	13.6	26.9	81.9	131.6	20	137.1
MAYO	16.5	25.2	20.2	14.3	27.9	83.7	130.8	20	106.8
JUNIO	16.3	25.6	20.5	14.9	29.0	81.8	141.5	21	138.5
JULIO	16.0	25.5	20.0	13.4	28.0	81.2	118.0	13	147.6
AGOSTO	14.8	26.5	20.0	12.2	29.1	78.4	40.5	6	187.5
SEPTIEMBRE	15.7	25.8	19.8	13.2	30.2	80.3	142.2	18	139.7
OCTUBRE	14.6	24.9	19.1	12.8	27.3	81.8	107.5	19	137.3
NOVIEMBRE	15.7	24.0	19.0	13.4	26.2	85.0	183.0	23	71.3
DICIEMBRE	15.6	24.2	19.3	11.8	27.8	83.6	187.8	18	109.2
PROMEDIO	15.6	25.2	19.8			82.0			
ABSOLUTA				11.8	30.2				
TOTAL							1417.8	201	1533.2

ESTACION: ARTURO GOMEZ

DPTO: VALLE

LATITUD : 04° 40'N

AÑO: 1991

MPIO: ALCALA

LONGITUD: 75° 47'W
ALTITUD : 1320 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	28.0	21.8	76.7	0.0	0.0	0.0	6.0
2	17.2	29.0	22.1	75.0	0.0	0.0	0.0	7.5
3	18.0	27.6	22.3	77.0	0.0	0.0	0.0	2.7
4	19.0	28.5	22.8	80.0	1.1	0.0	1.1	5.8
5	18.7	30.0	23.4	76.3	0.0	0.0	0.0	4.5
6	17.0	29.1	22.1	76.7	.6	8.3	8.9	6.5
7	17.8	28.2	22.0	79.3	0.0	0.0	0.0	4.5
8	17.0	29.2	23.2	73.3	0.0	0.0	0.0	6.8
9	17.1	30.0	23.3	74.0	0.0	0.0	0.0	7.1
10	17.5	30.6	23.2	75.7	0.0	0.0	0.0	5.6
11	17.4	27.2	21.6	79.7	0.0	13.8	13.8	1.9
12	18.0	28.2	22.4	77.3	0.0	38.4	38.4	4.9
13	17.4	27.4	21.5	80.3	.7	1.9	2.6	3.8
14	17.8	27.2	21.4	80.0	.8	0.0	.8	2.0
15	17.0	27.1	20.9	79.0	0.0	0.0	0.0	7.9
16	14.2	29.1	22.3	69.7	0.0	0.0	0.0	9.9
17	17.0	28.2	22.2	74.7	0.0	0.0	0.0	2.2
18	17.2	28.5	21.0	82.0	4.1	28.2	32.3	4.3
19	17.0	29.0	21.7	78.0	0.0	.3	.3	6.9
20	18.0	28.8	22.4	74.7	0.0	0.0	0.0	5.6
21	17.2	29.8	23.2	70.7	0.0	0.0	0.0	8.1
22	16.0	30.0	22.5	69.3	0.0	0.0	0.0	7.7
23	15.0	29.2	22.0	71.7	0.0	0.0	0.0	9.9
24	15.1	29.4	22.7	73.0	0.0	0.0	0.0	7.9
25	15.6	30.1	23.2	70.0	0.0	0.0	0.0	9.0
26	15.8	30.5	22.9	72.7	0.0	0.0	0.0	7.8
27	16.0	28.2	22.0	72.0	0.0	0.0	0.0	4.9
28	15.2	32.1	24.3	71.7	.3	0.0	.3	9.4
29	16.0	31.8	23.9	72.0	0.0	0.0	0.0	9.2
30	17.0	29.8	21.2	79.3	3.3	0.0	3.3	4.6
31	18.0	29.2	23.5	71.7	0.0	0.0	0.0	7.4
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.9	29.1	22.4	75.3	10.9	90.9	101.8	192.3

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.9	29.6	22.7	74.3	0.0	0.0	0.0	7.1
2	16.4	29.7	22.1	76.0	0.0	67.6	67.6	5.9
3	15.8	23.8	19.4	85.0	7.0	0.0	7.0	2.3
4	16.0	28.2	21.0	75.3	0.0	0.0	0.0	7.3
5	15.0	29.0	20.0	76.7	30.4	.6	31.0	7.0
6	16.0	29.6	23.1	72.3	0.0	0.0	0.0	8.8
7	16.5	28.2	22.4	75.3	0.0	0.0	0.0	4.5
8	16.7	28.7	22.2	73.3	0.0	0.0	0.0	5.3
9	15.8	30.0	22.6	74.0	0.0	0.0	0.0	9.4
10	17.0	31.1	23.3	72.0	0.0	0.0	0.0	9.8
11	16.8	29.0	22.3	76.3	0.0	0.0	0.0	5.4
12	18.0	30.1	23.1	71.3	0.0	0.0	0.0	4.9
13	17.5	29.9	21.8	79.3	.6	0.0	.6	6.0
14	17.0	30.0	23.6	71.7	0.0	0.0	0.0	6.4
15	16.9	28.8	23.6	74.3	0.0	.6	.6	4.3
16	17.6	26.2	21.5	83.7	0.0	0.0	0.0	1.9
17	16.2	29.0	23.3	71.0	0.0	3.7	3.7	9.0
18	18.8	28.0	22.7	79.0	0.0	0.0	0.0	4.8
19	18.0	28.3	22.5	76.0	0.0	10.6	10.6	4.5
20	18.1	28.8	23.1	74.0	0.0	0.0	0.0	7.6
21	17.8	29.2	23.3	71.7	0.0	0.0	0.0	7.5
22	16.4	30.0	23.6	70.0	0.0	0.0	0.0	7.2
23	17.6	31.4	24.1	73.3	0.0	0.0	0.0	8.0
24	17.8	30.9	25.1	60.0	0.0	0.0	0.0	8.0
25	15.8	31.4	24.5	67.7	0.0	0.0	0.0	8.8
26	18.5	27.6	22.4	81.0	0.0	0.0	0.0	3.3
27	17.8	29.6	22.2	73.7	0.0	0.0	0.0	5.1
28	17.0	29.0	21.5	78.0	10.8	0.0	10.8	3.4
29								
30								
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.0	29.1	22.6	74.5	48.8	83.1	131.9	173.5

ESTACION: ARTURO GOMEZ

DPTO: VALLE

LATITUD : 04° 40'N

LONGITUD: 75° 47'W

AÑO: 1991

MPIO: ALCALA

ALTITUD : 1320 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.6	29.2	21.6	79.3	12.7	20.2	32.9	4.8
2	17.8	27.3	21.6	79.3	.4	.2	.6	2.8
3	17.9	29.2	22.8	73.7	0.0	0.0	0.0	5.8
4	17.8	30.5	21.9	75.0	1.1	38.2	39.3	5.9
5	16.6	29.2	22.3	78.7	0.0	0.0	0.0	5.9
6	17.8	30.2	23.9	69.3	0.0	29.3	29.3	7.4
7	17.0	28.8	20.6	78.0	8.3	1.3	9.6	6.1
8	17.2	29.2	23.4	72.7	0.0	2.1	2.1	6.4
9	18.2	28.2	21.5	78.3	.7	8.3	9.0	5.3
10	18.0	27.0	21.6	83.3	1.2	0.0	1.2	1.8
11	17.9	29.2	22.0	77.0	0.0	0.0	0.0	4.7
12	17.2	25.6	21.4	84.0	0.0	0.0	0.0	.6
13	17.4	28.4	21.7	81.7	2.6	.2	2.8	4.5
14	17.5	29.2	20.3	80.7	65.1	.1	65.2	4.8
15	14.0	27.6	21.4	77.3	0.0	0.0	0.0	4.6
16	18.0	29.5	23.3	74.0	1.2	0.0	1.2	4.4
17	19.5	29.7	23.3	80.0	0.0	0.0	0.0	5.7
18	18.2	30.0	23.7	72.3	0.0	0.0	0.0	8.1
19	17.6	30.4	23.4	70.0	0.0	0.0	0.0	7.2
20	17.2	30.0	22.6	74.7	0.0	0.0	0.0	7.7
21	16.0	30.1	24.2	65.0	0.0	0.0	0.0	7.6
22	17.8	30.3	21.9	78.7	3.2	0.0	3.2	5.3
23	17.6	29.2	22.9	75.7	0.0	16.4	16.4	4.8
24	17.4	27.2	22.0	79.7	0.0	21.7	21.7	4.8
25	17.8	28.0	22.8	74.7	0.0	24.6	24.6	4.8
26	18.0	22.4	19.3	89.0	.3	4.9	5.2	0.0
27	16.0	25.1	19.7	86.0	0.0	1.2	1.2	1.0
28	17.8	24.1	19.1	85.7	4.7	0.0	4.7	0.0
29	14.8	28.0	21.4	74.7	0.0	0.0	0.0	6.9
30	16.0	28.6	22.7	73.0	0.0	0.0	0.0	7.2
31	17.0	25.0	20.4	76.7	13.5	.3	13.8	.8
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.3	28.3	21.9	77.4	115.0	169.0	284.0	147.7

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	26.8	20.9	75.3	0.0	0.0	0.0	6.1
2	18.0	28.2	21.9	74.3	0.0	0.0	0.0	5.2
3	15.6	29.2	22.6	75.0	0.0	0.0	0.0	6.9
4	16.2	29.4	23.1	68.7	0.0	0.0	0.0	6.3
5	16.3	28.8	22.4	78.3	0.0	.6	.6	4.6
6	16.8	27.2	22.6	75.0	0.0	0.0	0.0	2.3
7	18.2	30.0	21.6	81.3	.6	0.0	.6	5.0
8	17.4	26.8	20.8	83.0	8.7	24.6	33.3	2.1
9	17.8	27.5	21.3	81.7	6.0	8.7	14.7	3.1
10	17.9	27.2	21.9	78.7	0.0	3.2	3.2	2.8
11	18.0	29.2	22.0	80.0	.1	3.6	3.7	5.7
12	18.1	23.7	20.5	84.0	.5	0.0	.5	0.0
13	17.0	27.8	21.4	79.0	0.0	2.1	2.1	4.2
14	17.8	28.9	22.1	73.3	.4	24.9	25.3	6.0
15	16.5	28.6	22.3	76.3	0.0	0.0	0.0	6.2
16	16.2	29.5	22.9	75.3	0.0	0.0	0.0	6.4
17	18.2	27.2	21.5	80.3	0.0	0.0	0.0	3.9
18	16.0	29.0	22.5	74.0	0.0	0.0	0.0	6.2
19	16.2	29.5	23.2	76.0	0.0	0.0	0.0	5.8
20	17.0	30.0	21.7	79.3	9.8	4.6	14.4	6.2
21	16.9	29.1	22.3	80.7	0.0	0.0	0.0	3.9
22	17.0	28.2	22.7	79.3	0.0	0.0	0.0	2.5
23	18.0	28.0	21.6	83.0	0.0	0.0	0.0	4.1
24	17.5	29.2	23.4	74.3	0.0	0.0	0.0	5.2
25	17.8	28.8	23.0	75.7	0.0	0.0	0.0	4.6
26	17.0	28.2	21.7	79.7	.4	0.0	.4	4.0
27	16.7	28.6	20.9	81.7	20.3	0.0	20.3	4.8
28	16.8	27.2	20.5	82.0	1.2	0.0	1.2	.6
29	16.0	27.1	20.2	82.7	13.7	0.0	13.7	2.4
30	17.5	29.8	21.8	78.0	29.5	.5	30.0	5.3
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.1	28.3	21.9	78.2	91.2	72.8	164.0	132.4

ESTACION: ARTURO GOMEZ

DPTO: VALLE

LATITUD : 04° 40'N

AÑO: 1991

MPIO: ALCALA

LONGITUD : 75° 47'W
ALTITUD : 1320 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.2	27.8	21.4	79.0	0.0	0.0	0.0	4.5
2	17.2	29.2	23.1	79.0	0.0	0.0	0.0	3.2
3	19.2	24.0	20.8	88.0	1.0	4.2	5.2	0.0
4	18.2	25.0	20.7	90.3	6.4	11.7	18.1	.4
5	18.0	26.2	20.5	85.7	44.8	0.0	44.8	1.7
6	17.5	28.9	22.6	78.3	.1	0.0	.1	5.8
7	18.2	27.6	21.7	84.0	10.5	0.0	10.5	3.1
8	17.5	30.0	23.7	73.7	0.0	0.0	0.0	5.7
9	18.9	26.2	21.4	83.3	.2	0.0	.2	1.0
10	17.2	29.8	22.4	77.3	0.0	4.0	4.0	4.8
11	16.8	27.4	22.2	82.0	5.1	16.5	21.6	3.4
12	18.7	27.0	21.4	83.7	.5	.9	1.4	2.3
13	18.2	28.0	22.4	79.7	0.0	0.0	0.0	5.0
14	18.0	25.5	21.8	86.0	1.1	0.0	1.1	0.0
15	18.8	27.4	21.8	81.3	2.6	0.0	2.6	2.1
16	18.0	25.2	21.3	86.0	13.2	6.6	19.8	.5
17	17.9	23.0	19.0	95.0	10.5	.2	10.7	.2
18	17.0	25.2	20.0	84.3	.9	29.7	30.6	2.0
19	16.9	25.4	19.9	87.7	3.5	10.2	13.7	1.2
20	16.7	27.0	20.0	84.0	1.6	19.7	21.3	3.4
21	17.2	24.3	20.3	87.0	.3	2.4	2.7	.3
22	18.0	23.2	19.8	93.0	.7	0.0	.7	0.0
23	17.2	25.2	20.5	87.0	.5	8.9	9.4	1.7
24	17.0	26.0	20.5	83.7	.5	0.0	.5	2.7
25	16.0	27.4	22.3	77.7	0.0	0.0	0.0	4.6
26	16.8	28.0	23.5	76.0	0.0	0.0	0.0	3.6
27	16.9	29.2	23.1	78.0	0.0	0.0	0.0	6.1
28	17.8	28.2	23.5	76.7	0.0	0.0	0.0	4.2
29	17.5	28.3	22.5	81.7	.1	1.0	1.1	2.8
30	18.6	25.3	20.4	91.3	.3	0.0	.3	1.3
31	16.8	26.8	21.5	83.7	8.0	2.6	10.6	1.9
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.5	26.7	21.5	83.4	112.4	118.6	231.0	79.5

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.9	26.2	22.0	82.0	0.0	0.0	0.0	3.1
2	17.0	26.5	21.3	83.7	.5	42.4	42.9	2.0
3	17.4	28.0	21.8	80.7	0.0	0.0	0.0	3.2
4	17.0	29.5	21.9	80.7	4.7	0.0	4.7	4.6
5	18.2	26.5	21.1	85.3	2.3	0.0	2.3	.6
6	17.2	27.8	22.8	84.0	0.0	0.0	0.0	3.5
7	17.4	30.2	22.5	78.7	1.4	0.0	1.4	7.0
8	16.8	28.3	22.6	81.0	1.0	0.0	1.0	
9	18.0	29.5	23.2	79.7	.1	0.0	.1	5.3
10	16.9	29.2	21.2	79.3	.2	0.0	.2	4.8
11	17.0	30.4	23.5	75.3	0.0	0.0	0.0	6.6
12	17.4	28.7	23.2	69.7	0.0	0.0	0.0	4.9
13	17.2	29.0	22.5	82.0	15.9	2.6	18.5	3.9
14	18.5	27.2	22.5	78.0	0.0	0.0	0.0	3.6
15	17.7	28.2	22.0	78.7	0.0	6.1	6.1	3.8
16	17.2	24.2	20.5	86.7	0.0	0.0	0.0	0.0
17	18.9	27.0	21.8	76.0	0.0	0.0	0.0	2.7
18	17.1	29.1	21.0	77.7	16.4	0.0	16.4	6.4
19	17.8	27.4	22.3	78.7	0.0	0.0	0.0	2.4
20	16.8	28.0	21.9	80.7	1.6	.2	1.8	3.4
21	19.1	26.4	21.4	83.7	1.5	0.0	1.5	1.0
22	17.2	26.3	20.2	88.3	4.5	0.0	4.5	2.2
23	17.9	27.1	21.8	82.0	.5	5.1	5.6	2.9
24	18.0	27.0	21.2	82.3	.4	0.0	.4	3.5
25	16.2	28.2	21.0	78.3	0.0	.2	.2	5.0
26	18.0	27.6	20.8	82.7	0.0	15.5	15.5	4.2
27	17.2	26.5	21.5	80.3	2.3	12.0	14.3	2.1
28	17.4	26.7	21.5	81.0	.2	0.0	.2	3.5
29	16.6	26.0	20.9	82.0	.3	0.0	.3	3.1
30	16.4	27.2	21.1	82.3	0.0	.2	.2	4.3
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.5	27.7	21.7	80.7	53.8	84.3	138.1	

ESTACION: ARTURO GOMEZ

DPTO: VALLE

LATITUD : 04° 40'N

AÑO: 1991

MPIO: ALCALA

LONGITUD: 75° 47'W
ALTITUD : 1320 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	27.0	21.4	81.0	2.5	0.0	2.5	4.2
2	17.0	27.9	22.3	77.0	0.0	1.3	1.3	4.7
3	17.8	27.8	21.7	84.3	.4	0.0	.4	2.7
4	17.4	26.6	21.0	83.3	4.3	.6	4.9	1.0
5	18.0	26.0	20.5	84.0	0.0	0.0	0.0	2.2
6	16.5	25.8	20.3	84.0	3.1	4.3	7.4	3.5
7	18.0	25.2	21.3	84.7	.4	0.0	.4	2.2
8	17.8	28.0	21.5	77.3	0.0	1.1	1.1	4.7
9	17.0	27.4	22.3	76.7	0.0	0.0	0.0	3.8
10	16.4	27.8	21.4	82.3	.5	0.0	.5	2.5
11	17.5	28.2	22.3	75.3	0.0	0.0	0.0	3.9
12	17.0	27.8	21.9	77.3	0.0	.1	.1	1.9
13	16.8	28.1	22.3	75.0	0.0	0.0	0.0	5.3
14	15.0	29.7	22.9	68.7	0.0	0.0	0.0	6.6
15	16.2	29.8	23.2	77.7	0.0	0.0	0.0	5.1
16	17.0	29.2	23.7	63.3	0.0	0.0	0.0	5.8
17	16.0	28.9	22.8	72.3	0.0	11.7	11.7	6.0
18	17.0	27.4	22.7	76.3	0.0	0.0	0.0	4.5
19	16.8	30.1	24.2	57.7	0.0	0.0	0.0	6.6
20	15.6	27.4	22.2	73.0	0.0	0.0	0.0	1.6
21	18.2	28.4	22.5	77.0	0.0	0.0	0.0	4.3
22	16.2	30.0	23.4	72.3	0.0	0.0	0.0	6.6
23	16.4	30.1	23.7	72.7	0.0	0.0	0.0	5.6
24	16.8	27.6	21.5	76.7	2.1	0.0	2.1	.2
25	15.0	29.2	22.3	69.3	0.0	0.0	0.0	5.7
26	15.7	28.0	22.1	75.3	.3	0.0	.3	4.2
27	18.0	29.6	21.0	79.3	7.2	0.0	7.2	4.0
28	15.9	26.2	21.4	81.3	0.0	0.0	0.0	1.8
29	17.8	28.8	21.6	79.3	2.5	0.0	2.5	3.7
30	18.0	25.9	19.8	83.0	12.8	24.0	36.8	1.8
31	17.2	22.2	18.9	88.0	3.3	2.5	5.8	.3
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.9	27.8	21.9	77.0	39.4	45.6	85.0	117.0

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	24.6	19.9	83.3	1.1	0.0	1.1	2.0
2	15.8	27.2	21.3	79.7	11.4	1.4	12.8	4.0
3	16.2	28.5	21.9	65.3	0.0	0.0	0.0	6.2
4	15.0	28.2	21.8	75.7	0.0	0.0	0.0	6.3
5	17.0	25.5	21.3	82.0	0.0	0.0	0.0	.5
6	17.2	27.0	22.5	74.7	0.0	0.0	0.0	4.1
7	16.6	26.6	22.2	78.3	2.6	15.0	17.6	4.3
8	17.6	27.0	21.0	79.3	0.0	9.7	9.7	4.1
9	17.0	26.2	21.5	75.0	.1	0.0	.1	3.3
10	17.4	27.3	21.6	76.3	0.0	0.0	0.0	4.0
11	15.0	28.8	22.2	68.3	0.0	0.0	0.0	6.2
12	17.2	29.0	22.7	61.7	0.0	0.0	0.0	6.3
13	15.5	29.5	22.6	55.0	0.0	0.0	0.0	7.3
14	16.8	29.2	24.0	57.3	0.0	0.0	0.0	5.1
15	15.6	29.9	23.5	56.0	0.0	0.0	0.0	6.1
16	15.0	29.0	22.9	61.7	0.0	0.0	0.0	6.1
17	14.8	26.4	20.4	80.3	2.0	0.0	2.0	3.0
18	16.2	28.8	21.5	75.3	1.9	0.0	1.9	5.9
19	16.0	28.2	22.2	67.3	0.0	0.0	0.0	6.2
20	14.8	28.1	22.3	68.7	0.0	0.0	0.0	4.7
21	15.8	28.2	22.9	65.7	0.0	0.0	0.0	4.6
22	15.2	28.4	22.6	62.7	0.0	0.0	0.0	5.5
23	15.0	30.5	23.7	59.7	0.0	0.0	0.0	5.4
24	15.5	29.9	23.0	58.0	0.0	0.0	0.0	6.5
25	15.8	29.8	23.1	65.3	0.0	0.0	0.0	5.9
26	16.0	30.5	23.3	64.3	0.0	0.0	0.0	6.9
27	16.1	30.4	22.6	72.3	0.0	0.0	0.0	4.8
28	17.0	30.6	22.9	56.3	0.0	0.0	0.0	5.7
29	12.8	31.0	23.0	52.7	0.0	0.0	0.0	7.0
30	15.1	29.4	22.6	66.7	0.0	0.0	0.0	3.6
31	17.6	27.3	21.9	71.0	0.0	0.0	0.0	4.1
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	16.0	28.4	22.3	68.3	19.1	26.1	45.2	155.7

ESTACION: ARTURO GOMEZ

DPTO: VALLE

LATITUD : 04° 40'N

AÑO: 1991

MPIO: ALCALA

LONGITUD: 75° 47'W

ALTITUD : 1320 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.4	31.2	24.1	54.7	0.0	0.0	0.0	5.3
2	15.7	32.0	22.4	72.7	4.7	0.0	4.7	7.3
3	16.0	27.5	21.6	77.3	0.0	0.0	0.0	.9
4	15.8	31.8	21.8	77.7	1.7	0.0	1.7	7.3
5	15.0	31.2	22.9	68.3	0.0	0.0	0.0	7.3
6	17.0	29.0	23.5	72.0	0.0	0.0	0.0	3.9
7	15.8	30.2	23.0	62.3	0.0	0.0	0.0	5.9
8	15.0	31.2	23.9	67.0	0.0	0.0	0.0	6.7
9	16.0	31.6	24.0	67.7	0.0	0.0	0.0	6.8
10	16.1	31.7	24.6	52.7	0.0	0.0	0.0	7.4
11	22.8	30.2	25.3	34.0	0.0	0.0	0.0	7.4
12	15.2	31.6	24.1	50.0	0.0	0.0	0.0	7.9
13	14.2	30.2	23.4	62.3	0.0	0.0	0.0	6.8
14	16.2	27.9	22.6	73.0	0.0	2.1	2.1	3.0
15	16.4	24.5	20.0	83.3	.6	78.6	79.2	.9
16	17.0	22.7	19.7	83.3	13.1	.5	13.6	0.0
17	16.8	28.4	21.4	75.7	.1	.3	.4	4.7
18	17.6	27.2	21.6	77.0	0.0	0.0	0.0	2.3
19	17.5	28.2	21.7	77.3	.3	.2	.5	4.2
20	18.0	24.0	19.4	88.0	7.7	.4	8.1	.4
21	16.0	25.4	21.2	78.7	.4	0.0	.4	2.1
22	17.8	25.8	20.5	80.7	17.4	20.1	37.5	1.5
23	16.4	26.5	21.0	76.0	0.0	3.7	3.7	3.9
24	18.0	23.8	20.1	83.3	0.0	0.0	0.0	1.3
25	16.2	28.3	20.6	82.0	9.3	4.4	13.7	5.3
26	17.0	26.3	21.6	78.7	0.0	0.0	0.0	2.9
27	16.2	28.2	21.0	76.3	0.0	0.0	0.0	2.4
28	16.7	28.8	20.4	76.7	2.5	.3	2.8	6.4
29	17.4	27.2	21.5	78.3	5.3	.3	5.6	4.9
30	17.0	29.3	21.3	79.0	11.1	36.8	47.9	6.5
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.7	28.4	22.0	72.2	74.2	147.7	221.9	133.6

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.5	26.3	21.3	76.3	.2	0.0	.2	2.8
2	16.2	27.4	20.9	81.3	9.6	13.4	23.0	4.1
3	17.0	27.8	21.8	77.0	0.0	0.0	0.0	6.8
4	16.7	27.2	20.9	76.0	4.2	0.0	4.2	5.6
5	16.0	28.9	21.1	77.7	8.1	.4	8.5	6.3
6	17.0	28.2	21.9	71.0	.1	.3	.4	7.0
7	17.1	27.6	21.2	74.0	.2	0.0	.2	5.5
8	16.6	27.9	20.5	76.7	1.9	2.6	4.5	3.6
9	16.3	26.2	20.5	78.3	0.0	0.0	0.0	2.2
10	17.0	22.7	18.7	94.0	4.5	0.0	4.5	.5
11	15.2	26.8	19.9	80.7	3.6	0.0	3.6	3.0
12	14.0	28.4	21.0	75.7	0.0	0.0	0.0	8.1
13	16.2	28.0	21.0	76.0	.6	0.0	.6	4.8
14	14.2	28.9	19.8	76.7	3.1	1.0	4.1	7.8
15	14.0	28.0	21.4	73.3	0.0	0.0	0.0	9.2
16	16.0	28.9	22.5	71.3	0.0	0.0	0.0	9.8
17	16.3	28.3	22.3	74.0	0.0	0.0	0.0	5.3
18	18.0	25.5	20.5	79.3	0.0	0.0	0.0	2.0
19	15.2	27.2	20.8	78.0	0.0	0.0	0.0	5.9
20	14.1	28.5	23.0	57.7	0.0	0.0	0.0	9.3
21	13.9	30.0	21.8	68.0	0.0	0.0	0.0	8.8
22	15.0	28.2	21.3	82.7	1.4	0.0	1.4	7.1
23	15.2	29.2	21.8	70.0	0.0	0.0	0.0	8.2
24	16.0	27.5	21.5	76.0	0.0	0.0	0.0	0.0
25	16.2	27.4	21.8	74.0	0.0	.3	.3	4.7
26	16.0	27.8	21.4	74.0	1.0	7.3	8.3	5.7
27	17.0	25.1	20.3	84.0	2.9	0.0	2.9	3.2
28	15.8	28.8	20.4	80.0	2.7	0.0	2.7	6.0
29	14.2	27.2	20.5	75.7	.1	7.5	7.6	7.1
30	17.0	27.7	21.5	76.3	0.0	0.0	0.0	5.1
31	16.2	27.9	21.4	79.0	0.0	0.0	0.0	3.6
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	15.9	27.6	21.1	76.3	44.2	32.8	77.0	169.1

ESTACION: ARTURO GOMEZ

DPTO: VALLE

LATITUD : 04° 40'N

LONGITUD: 75° 47'W

AÑO: 1991

MPIO: ALCALA

ALTITUD : 1320 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.2	26.0	20.9	80.0	0.0	.2	.2	3.2
2	17.2	25.4	20.8	78.0	.7	0.0	.7	1.6
3	17.0	28.2	21.4	77.0	0.0	.5	.5	5.1
4	17.8	24.2	20.6	82.3	.5	.2	.7	2.9
5	18.0	28.3	21.1	77.3	0.0	0.0	0.0	4.2
6	17.0	27.8	20.5	77.3	0.0	2.0	2.0	5.1
7	15.7	27.5	20.5	80.7	5.0	2.4	7.4	5.7
8	16.8	24.0	19.5	84.7	.6	8.8	9.4	.6
9	17.2	26.5	19.6	82.7	2.3	2.7	5.0	2.6
10	17.0	26.8	21.0	79.0	0.0	12.2	12.2	5.2
11	16.8	28.2	22.1	73.7	0.0	3.0	3.0	6.5
12	17.2	29.1	22.5	71.7	0.0	47.0	47.0	8.8
13	17.8	27.0	21.1	75.3	0.0	3.1	3.1	3.4
14	17.0	26.5	20.5	81.0	23.7	55.1	78.8	6.4
15	17.0	25.8	19.3	83.3	19.6	2.9	22.5	1.5
16	15.0	27.2	20.3	75.3	0.0	0.0	0.0	6.8
17	16.8	27.8	21.3	78.0	0.0	0.0	0.0	7.4
18	16.2	27.4	21.2	79.3	0.0	0.0	0.0	5.6
19	16.4	26.4	20.3	80.7	12.3	0.0	12.3	2.8
20	15.0	28.4	20.7	77.7	.1	15.9	16.0	6.4
21	17.2	28.2	21.0	80.3	3.3	0.0	3.3	4.0
22	17.0	27.4	21.9	79.3	0.0	0.0	0.0	4.4
23	17.1	27.3	22.4	78.0	0.0	0.0	0.0	5.2
24	17.4	27.8	21.9	77.0	0.0	35.2	35.2	4.0
25	17.0	22.8	19.0	87.7	2.3	0.0	2.3	0.0
26	15.9	27.4	21.1	79.0	0.0	0.0	0.0	7.5
27	17.0	26.2	21.5	80.7	0.0	0.0	0.0	2.6
28	16.8	25.8	21.9	83.0	.4	4.5	4.9	1.2
29	17.8	23.0	20.0	87.7	0.0	0.0	0.0	.1
30	16.0	27.8	21.7	74.3	0.0	0.0	0.0	5.1
31								
TOTAL PROMEDIO	16.8	26.7	20.9	79.4	70.8	195.7	266.5	125.9

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	28.2	21.3	78.3	.5	0.0	.5	4.7
2	17.2	25.0	21.1	82.7	0.0	7.7	7.7	.1
3	18.0	28.0	20.9	80.0	7.5	0.0	7.5	5.3
4	17.6	28.9	22.0	74.0	0.0	6.4	6.4	6.9
5	16.8	20.8	18.5	95.3	1.9	0.0	1.9	.3
6	13.8	27.0	21.1	77.3	0.0	0.0	0.0	8.1
7	17.0	29.0	22.5	75.0	0.0	.1	.1	7.9
8	19.2	29.1	23.1	72.3	0.0	0.0	0.0	6.4
9	18.0	24.5	19.9	83.3	2.6	0.0	2.6	0.0
10	15.8	27.9	21.4	78.0	0.0	0.0	0.0	6.5
11	16.0	27.4	21.6	78.0	0.0	0.0	0.0	5.0
12	18.5	29.2	21.8	77.7	17.3	27.4	44.7	7.1
13	17.8	28.2	21.4	77.3	0.0	0.0	0.0	6.9
14	17.9	26.0	21.7	77.0	0.0	3.9	3.9	1.8
15	18.0	24.7	21.1	82.0	.9	9.7	10.6	.5
16	17.8	26.2	21.5	78.0	0.0	0.0	0.0	3.9
17	17.2	21.2	18.5	89.3	.3	0.0	.3	0.0
18	15.2	27.0	21.0	75.7	0.0	6.0	6.0	7.4
19	16.0	27.6	21.5	76.7	0.0	0.0	0.0	4.8
20	18.0	27.8	21.7	78.3	0.0	0.0	0.0	5.3
21	17.0	28.2	21.6	75.7	0.0	6.3	6.3	7.0
22	16.8	24.2	20.5	81.0	0.0	0.0	0.0	1.4
23	17.6	27.4	21.6	75.0	0.0	0.0	0.0	5.8
24	17.2	28.0	22.2	74.7	0.0	0.0	0.0	6.5
25	17.0	28.2	22.2	75.3	0.0	0.0	0.0	5.6
26	15.3	28.1	21.5	75.3	0.0	0.0	0.0	5.9
27	16.0	29.1	22.5	71.0	0.0	.3	.3	7.4
28	17.2	27.2	21.0	80.0	2.9	53.6	56.5	4.2
29	16.9	25.1	20.2	85.0	1.3	0.0	1.3	3.3
30	16.0	28.8	21.7	75.3	0.0	0.0	0.0	8.2
31	15.4	28.2	22.3	72.7	0.0	0.0	0.0	7.9
TOTAL PROMEDIO	16.9	27.0	21.3	78.3	35.2	121.4	156.6	152.1

Estación: ARTURO GOMEZ

Dpto.: VALLE

Latitud : 04° 40'N

Año: 1991

Mpio.: ALCALA

Longitud: 75° 47'W

Altitud : 1320 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	16.9	29.1	22.4	14.2	32.1	75.3	101.8	10	192.3
FEBRERO	17.0	29.1	22.6	15.0	31.4	74.5	131.9	8	173.5
MARZO	17.3	28.3	21.9	14.0	30.5	77.4	284.0	19	147.7
ABRIL	17.1	28.3	21.9	15.6	30.0	78.2	164.0	15	132.4
MAYO	17.5	26.7	21.5	15.2	30.0	83.4	231.0	23	79.5
JUNIO	17.5	27.7	21.7	16.2	30.4	80.7	138.1	21	
JULIO	16.9	27.8	21.9	15.0	30.1	77.0	85.0	16	117.0
AGOSTO	15.0	28.4	22.3	12.8	31.0	68.3	45.2	7	155.7
SEPTIEMBRE	16.7	28.4	22.0	14.2	32.0	72.2	221.9	15	133.6
OCTUBRE	15.9	27.6	21.1	13.9	30.0	76.3	77.0	17	169.1
NOVIEMBRE	16.8	26.7	20.9	15.0	29.1	79.4	266.5	20	125.9
DICIEMBRE	16.9	27.0	21.3	13.8	29.2	78.3	156.6	16	152.1
PROMEDIO	16.9	27.9	21.8			76.7			
ABSOLUTA				12.8	32.1				
TOTAL							1903.0	187	

ESTACION: VENECIA

DPTO: VALLE

LATITUD : 04° 20'N

AÑO: 1991

MPIO: CAICEDONIA

LONGITUD: 75° 50'W
ALTITUD : 1170 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	28.3	21.9	75.0	0.0	0.0	0.0	8.4
2	16.8	29.5	21.6	73.7	0.0	.1	.1	8.7
3	18.2	28.2	22.2	76.7	0.0	5.9	5.9	3.4
4	18.2	28.4	23.0	79.0	0.0	0.0	0.0	5.1
5	19.0	29.9	24.0	73.7	0.0	0.0	0.0	6.7
6	17.5	30.9	23.9	72.3	0.0	3.5	3.5	6.9
7	18.8	30.0	22.6	79.3	0.0	0.0	0.0	6.6
8	17.0	30.1	22.5	76.0	0.0	0.0	0.0	6.9
9	17.8	30.8	22.5	76.7	0.0	0.0	0.0	6.7
10	17.0	31.0	23.0	75.3	0.0	0.0	0.0	7.3
11	18.2	27.3	22.7	79.3	.2	0.0	.2	1.7
12	19.0	29.8	23.6	71.7	0.0	4.5	4.5	5.9
13	18.5	28.9	21.8	82.7	.5	0.0	.5	5.0
14	18.0	28.6	22.3	76.0	.5	0.0	.5	3.4
15	17.4	29.4	21.7	76.7	1.4	1.1	2.5	6.2
16	14.2	30.8	21.6	72.3	.1	0.0	.1	9.8
17	16.0	27.8	21.4	78.3	0.0	0.0	0.0	4.7
18	16.2	29.0	20.4	75.3	2.0	1.8	3.8	4.9
19	17.2	28.6	21.6	77.7	.3	.5	.8	6.6
20	17.8	29.4	22.3	75.3	.8	.9	1.7	4.9
21	18.0	30.0	23.6	67.0	0.0	0.0	0.0	8.3
22	17.0	30.4	22.5	69.7	0.0	0.0	0.0	8.7
23	15.2	31.0	22.5	67.7	0.0	0.0	0.0	9.6
24	16.0	30.5	22.8	70.7	0.0	0.0	0.0	8.5
25	16.4	31.3	24.2	63.7	0.0	0.0	0.0	7.6
26	15.2	30.4	21.8	67.7	0.0	0.0	0.0	8.0
27	17.2	29.0	22.5	71.0	0.0	0.0	0.0	3.5
28	15.5	32.0	22.5	73.3	0.0	0.0	0.0	9.4
29	16.0	32.4	23.5	70.3	0.0	0.0	0.0	9.1
30	17.0	30.2	23.6	68.7	0.0	0.0	0.0	2.9
31	16.2	31.4	23.3	64.3	0.0	0.0	0.0	6.1
	====	====	====	====	=====	=====	=====	=====
TOTAL PROMEDIO	17.0	29.8	22.5	73.5	5.8	18.3	24.1	201.5

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.4	31.2	23.9	68.0	0.0	0.0	0.0	8.4
2	16.0	30.2	23.3	66.3	0.0	5.1	5.1	4.9
3	17.0	23.7	20.1	88.7	16.0	0.0	16.0	.7
4	16.8	27.0	20.9	75.7	0.0	0.0	0.0	2.8
5	15.0	30.0	22.5	70.7	0.0	0.0	0.0	7.2
6	16.2	30.8	23.7	65.7	0.0	0.0	0.0	8.3
7	16.8	29.3	23.0	71.3	0.0	0.0	0.0	5.3
8	17.0	30.2	23.7	67.7	0.0	0.0	0.0	7.3
9	16.0	30.4	23.4	70.3	0.0	0.0	0.0	8.0
10	16.3	32.4	23.5	71.7	0.0	0.0	0.0	8.9
11	17.6	30.5	24.3	67.0	0.0	.4	.4	4.2
12	19.0	31.4	24.9	65.3	0.0	0.0	0.0	5.0
13	18.7	30.9	23.9	74.0	0.0	0.0	0.0	5.9
14	17.6	31.8	23.8	69.3	.2	0.0	.2	5.7
15	17.6	31.0	24.6	69.3	0.0	0.0	0.0	5.1
16	18.8	28.2	23.2	74.7	0.0	0.0	0.0	1.5
17	16.8	31.3	24.4	65.0	0.0	0.0	0.0	
18	19.6	30.2	22.4	76.0	2.5	0.0	2.5	3.6
19	18.0	30.0	22.5	78.3	3.1	0.0	3.1	4.5
20	19.0	30.1	23.4	70.0	0.0	0.0	0.0	5.0
21	18.0	30.8	23.3	72.7	0.0	0.0	0.0	6.4
22	16.8	32.0	23.9	67.3	0.0	0.0	0.0	6.1
23	18.4	31.9	25.1	62.7	0.0	0.0	0.0	6.6
24	18.1	33.4	24.8	64.7	0.0	0.0	0.0	
25	16.2	33.2	25.4	63.7	0.0	0.0	0.0	7.5
26	18.0	30.1	24.2	70.3	0.0	0.0	0.0	3.0
27	18.2	31.8	23.3	75.7	0.0	0.0	0.0	6.1
28	16.7	30.0	21.2	80.3	51.0	0.0	51.0	3.9
29								
30								
31								
	====	====	====	====	=====	=====	=====	=====
TOTAL PROMEDIO	17.4	30.5	23.4	70.8	72.8	5.5	78.3	

ESTACION: VENEZIA

DPTO: VALLE

LATITUD : 04° 20'N

AÑO: 1991

MPIO: CAICEDONIA

LONGITUD: 75° 50'W

ALTITUD : 1170 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	28.9	21.8	83.0	.5	27.8	28.3	3.9
2	18.3	27.4	22.5	83.3	2.3	2.8	5.1	2.0
3	16.2	30.1	23.2	71.0	0.0	0.0	0.0	
4	18.0	30.8	23.0	73.0	0.0	16.4	16.4	6.8
5	18.2	27.6	22.4	79.7	0.0	0.0	0.0	4.5
6	17.2	31.4	24.0	70.3	0.0	0.0	0.0	5.9
7	19.0	28.8	21.6	83.0	3.3	0.0	3.3	3.6
8	17.0	30.2	23.0	75.7	0.0	.7	.7	7.6
9	18.0	28.4	21.9	80.7	.4	3.6	4.0	5.2
10	18.7	25.0	21.5	84.3	2.8	0.0	2.8	.4
11	18.2	30.0	21.6	81.3	18.8	0.0	18.8	6.0
12	18.0	24.6	20.8	91.7	1.0	0.0	1.0	.3
13	17.0	30.0	21.3	82.0	10.9	3.7	14.6	3.4
14	16.8	29.0	21.1	80.0	15.5	0.0	15.5	3.7
15	16.0	27.2	22.0	79.0	0.0	0.0	0.0	5.8
16	16.8	29.8	22.0	80.3	12.1	.1	12.2	5.1
17	18.7	30.0	22.9	80.0	.3	0.0	.3	7.2
18	18.2	30.9	24.0	69.0	0.0	0.0	0.0	7.8
19	17.6	31.0	24.4	64.3	0.0	0.0	0.0	9.1
20	17.4	31.2	23.3	69.3	0.0	0.0	0.0	9.4
21	16.0	31.8	23.6	67.0	0.0	0.0	0.0	4.9
22	17.0	31.3	22.3	75.7	4.3	0.0	4.3	3.5
23	18.2	30.2	22.3	78.0	5.6	7.4	13.0	3.7
24	18.4	27.8	22.6	74.3	0.0	38.0	38.0	4.8
25	18.2	29.9	22.8	75.0	0.0	15.2	15.2	.1
26	18.0	24.9	20.6	86.7	5.6	5.4	11.0	1.6
27	17.2	26.0	20.1	83.0	.2	1.6	1.8	0.0
28	17.6	22.4	18.9	92.0	9.8	0.0	9.8	
29	14.8	28.8	20.9	74.3	0.0	0.0	0.0	
30	16.0	30.1	23.2	65.7	0.0	.1	.1	8.5
31	17.1	27.0	21.6	74.7	3.1	0.0	3.1	3.9
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.5	28.8	22.1	77.7	96.5	122.8	219.3	

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.8	29.1	21.3	75.0	0.0	2.4	2.4	8.3
2	17.8	29.2	21.6	72.3	1.7	0.0	1.7	6.3
3	15.5	29.9	22.7	76.3	0.0	0.0	0.0	5.4
4	16.8	30.2	23.8	75.0	.3	8.6	8.9	8.2
5	17.0	29.9	22.0	80.3	.1	0.0	.1	5.6
6	17.2	28.6	22.4	73.0	0.0	0.0	0.0	5.0
7	18.8	29.0	23.3	80.0	0.0	3.2	3.2	3.0
8	19.0	26.4	20.8	83.3	40.8	0.0	40.8	.6
9	16.7	27.3	22.2	78.7	0.0	54.0	54.0	3.7
10	17.8	27.9	23.5	74.7	.2	1.4	1.6	6.4
11	18.0	29.2	22.4	76.7	.2	1.8	2.0	6.1
12	19.0	24.4	20.6	80.3	0.0	0.0	0.0	.1
13	16.9	29.2	22.9	73.7	0.0	1.8	1.8	5.3
14	17.0	29.3	22.8	74.7	0.0	1.3	1.3	8.5
15	16.0	29.4	22.6	69.3	0.0	0.0	0.0	9.8
16	17.4	30.5	23.3	75.7	0.0	0.0	0.0	8.3
17	17.2	28.0	22.6	76.0	0.0	0.0	0.0	2.6
18	16.0	30.5	22.8	75.3	0.0	0.0	0.0	7.8
19	16.8	30.4	23.9	71.0	0.0	0.0	0.0	6.2
20	18.0	31.2	23.7	73.3	0.0	0.0	0.0	6.0
21	17.6	30.0	23.6	71.7	0.0	0.0	0.0	4.3
22	17.8	30.1	24.1	71.7	0.0	0.0	0.0	4.6
23	19.0	29.3	23.4	76.3	0.0	0.0	0.0	3.6
24	18.0	31.8	24.1	73.7	0.0	0.0	0.0	4.9
25	18.2	30.4	22.7	77.3	1.3	0.0	1.3	4.0
26	17.4	28.8	22.7	76.7	0.0	.1	.1	3.8
27	16.8	29.2	22.3	77.7	.4	0.0	.4	
28	17.2	27.0	21.7	80.3	.3	0.0	.3	
29	17.0	28.4	22.7	79.0	0.0	2.1	2.1	
30	19.0	29.6	22.1	80.3	.7	1.8	2.5	
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.4	29.1	22.7	76.0	46.0	78.5	124.5	

ESTACION: VENECIA

DPTO: VALLE

LATITUD : 04° 20'N

LONGITUD: 75° 50'W

AÑO: 1991

MPIO: CAICEDONIA

ALTITUD : 1170 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	27.5	21.5	78.0	0.0	0.0	0.0	
2	17.0	29.2	22.5	79.7	.1	0.0	.1	
3	19.0	24.8	21.1	90.0	.8	1.1	1.9	.3
4	18.8	27.2	23.1	76.3	.5	0.0	.5	2.4
5	18.6	28.5	22.1	82.0	0.0	0.0	0.0	2.0
6	17.4	30.8	23.8	73.7	0.0	.2	.2	7.6
7	18.0	28.6	22.3	78.0	0.0	0.0	0.0	1.3
8	17.8	32.0	24.7	67.7	0.0	0.0	0.0	6.9
9	17.4	27.8	22.9	80.7	0.0	.2	.2	.4
10	17.5	31.0	23.2	70.7	0.0	6.5	6.5	6.4
11	19.0	29.8	22.7	82.0	6.3	.4	6.7	5.5
12	18.2	27.4	22.0	82.3	1.5	.6	2.1	3.0
13	19.0	30.2	23.2	75.7	0.0	0.0	0.0	6.0
14	18.8	27.0	22.0	86.0	1.4	0.0	1.4	.2
15	19.0	30.0	23.7	74.3	0.0	0.0	0.0	3.2
16	19.8	26.2	22.7	79.0	.3	2.3	2.6	1.0
17	18.8	23.0	19.5	89.3	14.0	4.9	18.9	.5
18	17.8	25.8	20.7	82.3	1.9	1.8	3.7	.2
19	18.0	24.8	21.2	85.3	0.0	29.0	29.0	.9
20	17.2	26.5	20.8	80.3	.8	6.2	7.0	1.5
21	17.8	24.5	20.5	82.0	1.1	3.1	4.2	1.4
22	17.9	23.5	19.8	90.0	.6	0.0	.6	.6
23	17.2	27.4	21.7	82.0	1.3	33.5	34.8	3.0
24	17.0	26.0	20.1	81.0	0.0	0.0	0.0	2.0
25	16.0	29.9	22.4	72.7	0.0	0.0	0.0	8.4
26	18.0	30.0	23.7	72.3	0.0	.3	.3	7.2
27	18.1	31.0	24.4	74.0	0.0	0.0	0.0	8.1
28	19.0	30.4	23.1	77.0	0.0	0.0	0.0	6.0
29	18.9	29.2	24.2	72.7	0.0	0.0	0.0	4.3
30	19.0	27.4	21.4	81.3	7.3	.3	7.6	1.4
31	18.0	27.3	22.3	79.3	.5	2.8	3.3	2.0
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.1	27.9	22.2	79.3	38.4	93.2	131.6	

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.7	28.2	22.3	80.0	0.0	1.5	1.5	2.4
2	17.0	28.9	22.2	79.3	4.6	14.9	19.5	5.4
3	19.0	28.7	22.2	82.3	0.0	0.0	0.0	2.4
4	17.0	30.2	23.0	77.3	0.0	.4	.4	6.4
5	19.0	27.5	22.2	81.7	0.0	0.0	0.0	2.0
6	18.0	29.5	23.5	73.7	0.0	0.0	0.0	6.4
7	17.9	31.3	24.1	74.7	0.0	0.0	0.0	8.9
8	17.2	30.2	23.7	75.0	0.0	0.0	0.0	5.2
9	18.5	31.8	24.6	73.7	0.0	0.0	0.0	8.7
10	19.0	31.0	24.3	74.0	0.0	0.0	0.0	8.0
11	17.4	32.2	25.0	68.3	0.0	0.0	0.0	10.3
12	17.8	31.2	23.9	73.7	0.0	0.0	0.0	7.6
13	18.0	30.0	23.9	74.3	0.0	.1	.1	4.9
14	20.0	29.0	23.9	77.3	0.0	0.0	0.0	3.1
15	19.0	28.0	23.2	75.3	0.0	0.0	0.0	3.4
16	19.1	25.0	21.5	82.7	19.4	.2	19.6	.3
17	18.7	28.2	22.1	81.3	0.0	0.0	0.0	4.0
18	17.2	29.0	23.4	75.7	0.0	0.0	0.0	4.5
19	18.8	29.2	23.7	70.3	0.0	0.0	0.0	4.6
20	16.8	29.4	23.0	74.0	0.0	0.0	0.0	5.4
21	18.8	27.2	21.8	83.0	.1	0.0	.1	1.9
22	18.0	28.0	22.3	81.3	.3	6.7	7.0	2.3
23	18.2	28.2	22.4	79.7	0.0	1.0	1.0	4.1
24	18.8	27.8	21.6	77.7	.1	0.0	.1	2.8
25	17.4	29.8	22.6	77.7	0.0	0.0	0.0	4.7
26	18.0	26.8	21.3	83.0	0.0	37.0	37.0	3.9
27	17.8	26.4	21.5	77.3	2.8	2.1	4.9	2.4
28	18.6	27.2	21.8	81.7	0.0	0.0	0.0	3.9
29	16.8	26.2	20.9	84.3	.3	0.0	.3	3.4
30	17.0	28.2	21.9	75.3	0.0	.1	.1	5.2
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	18.1	28.8	22.8	77.5	27.6	64.0	91.6	138.5

ESTACION: VENEZIA

DPTO: VALLE

LATITUD : 04° 20'N

AÑO: 1991

MPIO: CAICEDONIA

LONGITUD : 75° 50'W

ALTITUD : 1170 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	28.2	21.9	79.7	1.5	.1	1.6	4.4
2	17.9	29.0	23.1	72.0	0.0	0.0	0.0	7.1
3	18.0	28.2	22.3	78.7	.1	0.0	.1	3.8
4	17.2	28.8	22.1	79.0	0.0	0.0	0.0	.3
5	18.8	27.4	21.0	80.0	0.0	32.1	32.1	2.1
6	16.2	27.2	21.1	82.3	2.1	6.2	8.3	4.2
7	17.4	27.3	21.1	82.7	.5	0.0	.5	2.9
8	17.2	29.0	22.0	78.0	0.0	.2	.2	6.0
9	18.0	29.2	23.0	74.0	0.0	0.0	0.0	5.2
10	17.3	28.2	22.2	79.3	0.0	0.0	0.0	3.6
11	17.0	29.0	22.4	78.0	.4	2.8	3.2	4.2
12	17.4	28.0	23.1	72.7	0.0	0.0	0.0	4.0
13	16.4	28.4	22.4	72.7	0.0	0.0	0.0	6.1
14	15.0	30.6	22.3	76.7	0.0	0.0	0.0	8.3
15	17.2	30.8	23.3	72.7	0.0	0.0	0.0	7.7
16	17.6	30.5	23.9	68.0	0.0	0.0	0.0	5.1
17	15.0	30.0	23.0	71.3	0.0	0.0	0.0	6.6
18	17.0	29.0	23.0	76.7	0.0	0.0	0.0	5.8
19	16.8	32.4	24.5	58.7	0.0	0.0	0.0	9.1
20	15.8	29.2	23.3	71.7	0.0	0.0	0.0	1.2
21	18.0	29.8	23.7	69.3	0.0	0.0	0.0	5.0
22	16.0	31.6	23.8	67.3	0.0	0.0	0.0	9.6
23	16.8	32.0	24.5	67.7	0.0	0.0	0.0	8.1
24	17.0	28.6	22.8	78.7	5.6	.1	5.7	.1
25	16.8	30.8	22.8	70.3	0.0	0.0	0.0	7.1
26	16.0	28.4	22.5	75.3	0.0	0.0	0.0	3.5
27	18.0	29.6	23.0	72.0	0.0	0.0	0.0	5.5
28	17.6	27.5	22.4	76.7	0.0	0.0	0.0	3.0
29	18.0	30.0	22.5	76.7	.1	0.0	.1	4.9
30	18.5	26.5	20.5	83.3	6.8	6.2	13.0	1.1
31	17.2	22.0	18.5	91.7	13.5	13.7	27.2	.1
	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	17.1	28.9	22.5	75.3	30.6	61.4	92.0	145.7

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	26.2	19.9	82.7	.4	0.0	.4	4.6
2	15.6	29.1	21.3	80.7	.2	6.6	6.8	7.3
3	17.0	28.2	22.2	74.0	0.0	0.0	0.0	5.2
4	15.0	29.3	22.5	71.0	0.0	0.0	0.0	8.6
5	17.8	27.2	21.5	78.7	0.0	0.0	0.0	1.3
6	18.0	29.2	23.6	70.7	0.0	0.0	0.0	6.0
7	18.2	27.4	22.0	79.7	.3	7.6	8.1	4.4
8	18.4	27.5	22.7	69.7	0.0	4.9	4.9	5.9
9	18.0	26.4	21.5	78.0	0.0	.2	.2	3.8
10	17.8	29.4	22.1	73.7	0.0	0.0	0.0	5.7
11	14.8	30.7	22.5	70.7	0.0	0.0	0.0	9.8
12	15.9	29.8	21.8	64.7	0.0	0.0	0.0	7.3
13	14.5	30.0	22.0	61.3	0.0	0.0	0.0	7.2
14	18.0	28.2	22.6	68.0	0.0	0.0	0.0	4.1
15	16.2	29.9	23.3	57.7	0.0	0.0	0.0	6.9
16	14.0	30.4	22.7	66.3	0.0	0.0	0.0	7.4
17	15.2	28.4	21.6	72.7	0.0	0.0	0.0	3.5
18	17.0	30.2	22.5	73.7	0.0	0.0	0.0	6.1
19	15.9	29.0	22.9	65.0	0.0	0.0	0.0	4.8
20	14.8	29.4	23.3	64.7	0.0	0.0	0.0	4.9
21	16.4	31.0	23.7	72.0	0.0	4.3	4.3	5.9
22	15.2	30.0	22.5	68.0	0.0	0.0	0.0	5.4
23	15.1	30.2	22.5	60.7	0.0	0.0	0.0	7.4
24	15.0	31.2	23.3	56.7	0.0	0.0	0.0	7.9
25	16.0	32.0	23.8	63.7	0.0	0.0	0.0	9.2
26	15.8	32.1	23.9	63.7	0.0	0.0	0.0	9.4
27	16.0	31.2	23.7	66.0	0.0	0.0	0.0	4.7
28	16.2	31.3	24.8	50.7	0.0	0.0	0.0	5.3
29	13.2	32.8	22.9	55.7	0.0	0.0	0.0	8.6
30	15.2	28.6	22.4	65.0	0.0	0.0	0.0	2.9
31	17.8	29.8	22.4	69.7	0.0	0.0	0.0	3.3
	====	====	====	====	====	====	====	====
TOTAL PROMEDIO	16.1	29.6	22.6	68.2	.9	23.8	24.7	184.8

ESTACION: VENEZIA

DPTO: VALLE

LATITUD : 04° 20'N

LONGITUD: 75° 50'W

AÑO: 1991

MPIO: CAICEDONIA

ALTITUD : 1170 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	29.8	23.0	67.0	0.0	0.0	0.0	1.5
2	15.0	32.8	24.5	61.7	0.0	0.0	0.0	9.4
3	16.0	29.2	23.2	68.7	0.0	0.0	0.0	2.2
4	16.2	33.0	24.6	63.3	0.0	0.0	0.0	8.9
5	15.2	32.5	23.8	65.3	0.0	0.0	0.0	8.3
6	16.8	30.4	24.7	64.0	0.0	0.0	0.0	4.8
7	17.2	32.7	24.1	65.7	0.0	0.0	0.0	7.2
8	16.8	33.0	25.4	61.7	0.0	0.0	0.0	8.8
9	16.5	33.8	24.7	63.3	0.0	0.0	0.0	8.6
10	16.2	31.9	26.1	49.0	0.0	0.0	0.0	7.3
11	16.1	31.4	23.9	50.3	0.0	0.0	0.0	5.8
12	15.0	32.8	25.1	47.3	0.0	0.0	0.0	8.1
13	14.5	31.0	23.8	63.3	0.0	0.0	0.0	7.0
14	16.0	29.0	22.7	68.3	0.0	7.0	7.0	2.8
15	18.8	27.5	21.4	80.0	1.6	18.4	20.0	1.0
16	17.8	22.2	19.9	87.0	17.9	.4	18.3	0.0
17	17.2	28.4	21.8	74.7	0.0	3.1	3.1	4.2
18	18.0	26.2	21.6	80.3	0.0	0.0	0.0	2.2
19	17.8	28.8	21.7	80.3	3.0	19.8	22.8	4.4
20	18.6	22.8	18.6	93.0	30.2	0.0	30.2	0.0
21	15.4	26.0	20.9	75.0	.1	0.0	.1	5.3
22	17.4	25.0	20.3	88.0	13.9	34.6	48.5	2.2
23	16.8	27.2	21.2	77.3	0.0	.2	.2	3.9
24	17.0	26.2	20.8	77.7	.4	0.0	.4	.5
25	16.2	28.0	21.0	79.3	4.1	0.0	4.1	4.3
26	17.4	27.4	21.9	82.0	0.0	0.0	0.0	2.4
27	17.5	27.0	21.3	81.0	.3	0.0	.3	1.4
28	16.0	29.2	22.1	72.7	0.0	1.1	1.1	7.3
29	18.2	27.2	22.7	74.7	0.0	0.0	0.0	3.3
30	17.0	30.2	21.5	77.3	27.1	3.1	30.2	6.9
31								
TOTAL PROMEDIO	16.7	29.1	22.6	71.3	98.6	87.7	186.3	140.0

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.9	25.2	20.8	83.7	.9	0.0	.9	2.1
2	16.4	28.0	21.7	75.0	1.6	.5	2.1	4.0
3	17.6	28.2	22.1	74.3	0.0	1.0	1.0	4.7
4	17.4	28.0	21.5	79.7	0.0	0.0	0.0	4.6
5	15.7	29.2	21.5	79.0	.1	1.9	12.0	6.5
6	18.0	28.2	21.6	73.3	.4	.8	16.2	3.8
7	17.0	28.0	20.7	80.7	2.6	0.0	2.6	5.1
8	16.7	27.0	21.1	80.0	1.7	28.0	29.7	4.2
9	16.4	25.2	20.6	84.0	0.0	0.0	0.0	.8
10	17.6	23.0	19.8	84.7	1.6	0.0	1.6	1.3
11	15.9	26.8	20.2	79.7	0.0	0.0	0.0	3.8
12	14.2	28.8	21.5	75.7	0.0	0.0	0.0	8.5
13	16.9	28.7	21.0	78.0	8.0	0.0	8.0	5.7
14	14.8	29.1	19.3	77.3	9.1	0.0	9.1	7.9
15	13.2	27.5	21.0	73.7	0.0	0.0	0.0	5.7
16	14.9	29.8	23.0	67.3	0.0	0.0	0.0	4.3
17	16.4	28.9	22.7	74.7	.8	.1	.9	6.0
18	17.5	26.2	21.5	77.7	0.0	0.0	0.0	2.0
19	17.2	26.8	21.0	77.3	0.0	0.0	0.0	3.9
20	14.9	29.8	21.6	69.7	0.0	0.0	0.0	8.0
21	13.2	30.9	21.4	71.0	0.0	0.0	0.0	9.7
22	15.0	30.0	22.3	68.0	0.0	0.0	0.0	9.1
23	15.6	29.9	21.7	74.3	0.0	0.0	0.0	8.1
24	15.4	28.2	21.9	77.0	0.0	0.0	0.0	3.7
25	16.2	29.8	21.0	76.0	17.2	3.2	20.4	4.9
26	16.9	27.4	21.3	75.7	0.0	7.8	7.8	5.0
27	18.0	26.2	21.3	79.3	.1	0.0	.1	2.7
28	16.0	28.5	20.6	80.3	.1	0.0	.1	5.7
29	13.9	28.1	21.0	79.3	0.0	3.2	3.2	6.5
30	17.8	27.2	21.3	81.0	.3	0.0	.3	3.3
31	17.1	26.2	21.5	82.3	.3	0.0	.3	2.4
TOTAL PROMEDIO	16.2	27.9	21.3	77.1	44.8	71.5	116.3	154.0

ESTACION: VENEZIA

DPTO: VALLE

LATITUD : 04° 20'N

AÑO: 1991

MPIO: CAICEDONIA

LONGITUD: 75° 50'W

ALTITUD : 1170 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	26.7	21.2	74.0	0.0	11.6	11.6	3.6
2	17.8	26.2	20.7	79.7	.3	0.0	.3	2.3
3	16.2	27.2	21.0	77.3	.5	13.5	14.0	5.0
4	17.6	24.6	20.7	81.7	1.9	0.0	1.9	1.0
5	17.1	27.4	21.9	72.7	0.0	0.0	0.0	4.0
6	17.0	28.0	20.6	80.7	6.4	.2	6.6	4.3
7	17.1	26.5	21.1	80.0	.7	23.1	23.8	4.1
8	17.8	25.2	20.7	81.7	1.5	8.0	9.5	.4
9	16.7	26.8	20.6	82.0	9.5	1.4	10.9	1.9
10	17.8	27.0	21.6	77.3	.1	.9	1.0	2.5
11	18.4	29.1	23.0	69.3	0.0	5.7	5.7	7.1
12	18.2	29.8	21.9	77.7	0.0	10.6	10.6	8.6
13	18.4	25.8	21.8	81.0	1.0	11.2	12.2	1.9
14	17.6	27.0	21.0	82.3	3.0	11.9	14.9	2.8
15	17.5	24.2	19.7	84.7	30.0	.5	30.5	1.3
16	16.0	27.2	21.4	77.7	0.0	0.0	0.0	5.6
17	17.2	27.0	21.0	78.3	0.0	0.0	0.0	5.0
18	15.2	27.6	21.5	76.3	0.0	0.0	0.0	4.6
19	16.6	26.4	20.5	78.3	0.0	0.0	0.0	3.1
20	16.0	29.2	21.5	74.0	0.0	0.0	0.0	6.6
21	16.8	28.4	21.2	78.3	1.6	0.0	1.6	3.5
22	17.6	28.2	21.7	76.3	0.0	0.0	0.0	4.5
23	16.8	27.8	21.6	80.3	0.0	0.0	0.0	2.9
24	17.2	28.2	21.7	78.0	.3	19.9	20.2	5.1
25	17.9	22.2	18.8	94.3	7.5	0.0	7.5	0.0
26	17.0	28.8	21.8	77.0	0.0	0.0	0.0	7.1
27	17.1	27.2	21.6	80.0	0.0	0.0	0.0	1.7
28	17.8	26.2	21.6	82.3	0.0	.1	.1	1.0
29	18.0	24.2	20.7	84.7	3.7	0.0	3.7	0.0
30	17.0	28.2	22.2	80.0	0.0	0.0	0.0	5.8
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	17.2	26.9	21.2	79.3	68.0	118.6	186.6	107.3

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	28.1	21.6	78.7	0.0	0.0	0.0	5.6
2	16.1	26.2	20.8	84.3	0.0	19.1	19.1	1.0
3	18.6	27.8	22.1	80.7	0.0	.2	.2	3.9
4	18.7	29.3	22.9	71.3	0.0	18.2	18.2	6.0
5	17.6	23.4	19.8	88.7	4.1	0.0	4.1	.6
6	15.0	27.4	20.7	76.7	0.0	0.0	0.0	7.3
7	15.4	28.8	22.2	78.0	0.0	0.0	0.0	6.0
8	18.2	29.2	23.4	77.3	0.0	18.1	18.1	5.6
9	17.8	25.8	19.9	85.3	99.3	0.0	99.3	1.7
10	15.0	28.2	20.8	77.3	0.0	0.0	0.0	5.2
11	15.8	28.0	21.5	80.0	0.0	0.0	0.0	5.9
12	16.2	30.0	22.3	78.3	.6	16.3	16.9	8.0
13	17.8	28.5	21.8	80.0	0.0	0.0	0.0	5.6
14	17.4	26.8	21.9	81.3	19.2	20.5	39.7	3.6
15	18.0	24.4	21.0	84.0	.1	0.0	.1	0.0
16	18.1	25.5	21.6	80.0	0.0	28.5	28.5	1.9
17	17.8	22.8	19.3	85.7	2.4	0.0	2.4	0.0
18	15.4	26.2	20.2	75.3	0.0	.3	.3	5.1
19	17.0	28.0	21.5	78.7	0.0	.7	.7	5.3
20	17.8	28.3	21.9	78.3	0.0	0.0	0.0	7.3
21	16.4	28.0	21.6	79.7	0.0	2.4	2.4	5.7
22	18.0	23.2	20.4	90.0	1.9	.2	2.1	1.2
23	17.0	28.7	21.7	76.0	0.0	0.0	0.0	6.2
24	17.9	27.9	21.7	76.3	0.0	0.0	0.0	3.2
25	16.0	29.0	22.6	74.3	0.0	0.0	0.0	5.8
26	16.6	29.6	22.0	75.3	0.0	0.0	0.0	7.6
27	16.4	29.4	22.6	74.7	0.0	0.0	0.0	8.0
28	16.9	28.8	22.7	74.3	.1	25.5	25.6	4.6
29	17.0	26.0	20.4	84.7	0.0	0.0	0.0	2.7
30	15.0	28.9	21.5	72.7	0.0	0.0	0.0	9.4
31	14.9	29.1	22.0	76.7	0.0	0.0	0.0	8.1
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.8	27.5	21.5	79.2	127.7	150.0	277.7	148.1

Estación: VENECIA

Dpto.: VALLE

Latitud : 04° 20'N
 Longitud: 75° 50'W
 Altitud : 1170 m.

Año: 1991

Mpio.: CAICEDONIA

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.		Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	17.0	29.8	22.5	14.2	32.4	73.5	24.1	12	201.5
FEBRERO	17.4	30.5	23.4	15.0	33.4	70.8	78.3	7	
MARZO	17.5	28.8	22.1	14.8	31.8	77.7	219.3	22	
ABRIL	17.4	29.1	22.7	14.8	31.8	76.0	124.5	17	
MAYO	18.1	27.9	22.2	16.0	32.0	79.3	131.6	20	
JUNIO	18.1	28.8	22.8	16.8	32.2	77.5	91.6	13	138.5
JULIO	17.1	28.9	22.5	15.0	32.4	75.3	92.0	11	145.7
AGOSTO	16.1	29.6	22.6	13.2	32.8	68.2	24.7	6	184.8
SEPTIEMBRE	16.7	29.1	22.6	14.5	33.8	71.3	186.3	14	140.0
OCTUBRE	16.2	27.9	21.3	13.2	30.9	77.1	116.3	18	154.0
NOVIEMBRE	17.2	26.9	21.2	15.2	29.8	79.3	186.6	19	107.3
DICIEMBRE	16.8	27.5	21.5	14.9	30.0	79.2	277.7	16	148.1
PROMEDIO	17.1	28.7	22.3			75.5			
ABSOLUTA				13.2	33.8				
TOTAL							1553.0	175	

ESTACION: HERACLIO URIBE

DPTO: VALLE

LATITUD : 04° 17'N

AÑO: 1991

MPIO: SEVILLA

LONGITUD: 75° 55'W

ALTITUD : 1540 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.1	23.5	19.0	77.3	0.0	0.0	0.0	2.9
2	15.8	24.7	19.7	76.3	0.0	.2	.2	4.2
3	16.2	23.4	19.2	86.7	0.0	6.4	6.4	2.5
4	16.8	24.8	19.8	81.0	.4	0.0	.4	2.6
5	16.7	24.0	20.2	81.0	0.0	0.0	0.0	3.2
6	16.5	25.0	20.0	78.3	0.0	19.6	19.6	4.4
7	16.4	24.4	19.9	81.3	0.0	0.0	0.0	4.2
8	16.2	24.8	19.9	81.3	0.0	0.0	0.0	5.1
9	16.8	24.2	20.0	84.0	0.0	0.0	0.0	3.0
10	16.5	25.2	20.8	76.0	0.0	0.0	0.0	3.8
11	16.8	24.0	19.9	77.0	0.0	.6	.6	2.5
12	16.7	24.5	19.9	77.0	0.0	.2	.2	3.8
13	16.2	23.2	18.9	81.0	2.8	0.0	2.8	2.6
14	16.0	23.4	19.4	78.7	9.7	0.0	9.7	2.7
15	15.9	24.1	19.6	78.3	0.0	0.0	0.0	5.2
16	14.9	25.0	19.7	75.0	0.0	0.0	0.0	6.4
17	15.2	23.2	18.7	80.3	.2	0.0	.2	1.0
18	15.7	24.1	18.5	81.7	4.4	3.2	7.6	4.1
19	15.4	23.5	19.1	84.0	0.0	0.0	0.0	5.7
20	16.1	24.0	19.0	83.7	0.0	0.0	0.0	2.6
21	15.7	24.3	19.2	79.3	0.0	0.0	0.0	5.9
22	16.5	25.0	19.8	77.3	0.0	0.0	0.0	6.1
23	15.4	26.0	20.3	78.3	0.0	0.0	0.0	5.9
24	15.0	24.2	19.7	78.7	0.0	0.0	0.0	6.0
25	15.8	26.2	19.7	77.7	0.0	0.0	0.0	5.3
26	15.0	23.9	19.5	77.7	0.0	0.0	0.0	3.6
27	16.8	23.4	20.4	78.0	0.0	0.0	0.0	1.2
28	15.4	26.0	20.6	78.0	0.0	0.0	0.0	7.1
29	16.0	27.0	21.7	76.3	0.0	0.0	0.0	7.0
30	16.9	24.1	20.7	75.7	0.0	0.0	0.0	1.7
31	15.8	25.7	20.8	75.3	0.0	0.0	0.0	5.0
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.0	24.5	19.8	79.1	17.5	30.2	47.7	127.3

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	25.8	20.5	75.7	0.0	0.0	0.0	5.6
2	15.9	25.2	19.9	75.0	0.0	0.0	0.0	4.1
3	14.8	21.4	17.9	89.0	20.3	0.0	20.3	.7
4	15.7	23.1	18.8	81.3	0.0	0.0	0.0	1.5
5	14.8	23.9	19.1	80.0	0.0	0.0	0.0	3.5
6	15.8	26.0	20.8	74.7	0.0	0.0	0.0	5.1
7	15.7	24.3	20.0	80.3	0.0	0.0	0.0	3.7
8	16.0	25.2	20.1	81.3	0.0	0.0	0.0	3.2
9	15.7	25.0	20.4	78.3	0.0	0.0	0.0	3.8
10	16.2	27.2	21.3	77.0	0.0	0.0	0.0	7.4
11	16.4	25.3	20.8	78.3	0.0	.4	.4	2.0
12	17.2	25.0	20.5	79.0	.1	0.0	.1	2.8
13	17.0	26.3	20.6	79.7	0.0	0.0	0.0	3.4
14	16.5	26.2	20.9	74.7	.2	0.0	.2	2.8
15	16.0	25.2	20.8	75.3	0.0	0.0	0.0	2.6
16	16.7	22.4	19.3	85.7	2.3	0.0	2.3	1.9
17	16.0	25.0	21.0	75.7	0.0	.2	.2	4.0
18	17.0	24.0	19.2	90.7	15.1	0.0	15.1	1.9
19	16.8	24.4	20.0	79.7	0.0	22.0	22.0	2.4
20	16.7	25.2	20.2	78.0	.2	.1	.3	3.3
21	16.1	24.2	19.6	80.3	0.0	0.0	0.0	2.0
22	16.0	25.8	20.3	78.7	0.0	0.0	0.0	3.3
23	16.8	27.0	21.4	76.3	0.0	0.0	0.0	3.8
24	17.4	28.1	21.8	74.7	0.0	0.0	0.0	5.8
25	16.2	28.3	21.9	71.7	0.0	0.0	0.0	4.7
26	16.8	28.0	21.5	80.3	0.0	0.0	0.0	2.7
27	17.0	26.0	20.3	80.7	5.0	0.0	5.0	2.8
28	16.8	25.0	19.6	84.3	16.6	0.0	16.6	1.2
29								
30								
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.3	25.3	20.3	79.2	59.8	22.7	82.5	92.0

ESTACION: HERACLIO URIBE

DPTO: VALLE

LATITUD : 04° 17'N

LONGITUD: 75° 55'W

AÑO: 1991

MPIO: SEVILLA

ALTITUD : 1540 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.9	24.2	19.7	91.7	.2	29.8	30.0	4.1
2	16.0	22.2	18.4	89.7	7.3	1.0	8.3	1.4
3	15.8	25.8	20.0	79.0	0.0	0.0	0.0	5.0
4	16.2	26.4	20.0	77.3	5.0	7.0	12.0	4.5
5	16.8	24.0	19.4	84.7	4.3	.3	4.6	3.3
6	16.0	26.7	20.3	78.7	0.0	3.3	3.3	4.6
7	17.1	24.9	19.0	86.3	3.1	0.0	3.1	2.3
8	16.1	24.3	20.2	78.7	0.0	1.3	1.3	3.0
9	16.4	24.1	19.2	85.7	4.0	13.6	17.6	2.9
10	16.2	21.5	18.9	88.7	4.1	0.0	4.1	.2
11	17.0	26.0	19.8	84.3	.2	0.0	.2	4.5
12	17.1	22.0	19.2	93.0	4.6	0.0	4.6	.4
13	18.0	24.9	20.0	80.3	0.0	.1	.1	2.6
14	16.1	25.2	18.7	79.7	10.0	0.0	10.0	3.1
15	14.8	25.0	20.0	76.3	0.0	.3	.3	6.0
16	16.2	25.1	20.5	85.3	1.9	0.0	1.9	2.9
17	16.8	24.6	20.3	78.7	.1	0.0	.1	4.0
18	16.5	26.5	20.8	78.0	0.0	0.0	0.0	3.5
19	16.8	26.3	20.5	77.0	0.0	0.0	0.0	6.3
20	16.9	26.4	21.1	76.7	0.0	0.0	0.0	5.8
21	15.8	27.1	21.2	73.7	0.0	0.0	0.0	.6
22	16.8	26.3	20.3	78.7	.6	0.0	.6	3.4
23	16.9	25.4	20.0	83.0	.5	.9	1.4	1.7
24	16.8	23.0	19.2	84.3	1.0	14.3	15.3	2.3
25	16.7	24.8	20.2	80.0	.2	14.9	15.1	4.4
26	16.2	21.0	17.5	90.3	12.7	1.6	14.3	.2
27	15.0	22.0	17.9	89.7	.1	.3	.4	1.4
28	16.0	20.0	16.4	92.3	20.9	0.0	20.9	0.0
29	13.8	23.2	18.2	84.3	0.0	0.0	0.0	2.5
30	15.2	25.6	20.1	77.3	.2	0.0	.2	5.1
31	15.1	22.2	18.8	81.0	.6	0.0	.6	2.6
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.2	24.4	19.5	82.7	81.6	88.7	170.3	

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.2	24.5	19.3	79.0	.2	0.0	.2	6.0
2	16.0	24.0	19.3	81.3	0.0	0.0	0.0	2.5
3	15.0	25.0	20.1	81.7	0.0	0.0	0.0	3.9
4	16.2	25.8	20.6	82.0	3.3	.2	3.5	5.6
5	16.5	25.5	20.0	82.7	0.0	0.0	0.0	3.0
6	16.0	25.2	20.2	82.0	0.0	.5	.5	2.5
7	17.0	24.0	20.4	81.7	0.0	1.6	1.6	3.3
8	16.8	23.8	18.6	85.0	37.9	15.3	53.2	.7
9	15.0	25.0	20.0	80.0	.3	77.2	77.5	5.5
10	15.9	24.2	20.1	81.7	0.0	1.9	1.9	6.1
11	16.9	24.7	20.3	83.3	0.0	13.9	13.9	2.1
12	15.9	21.3	18.5	83.0	.3	.2	.5	.9
13	16.0	24.8	19.3	79.0	0.0	.6	.6	4.2
14	15.5	25.2	19.9	80.0	0.0	8.7	8.7	6.6
15	14.5	25.0	19.8	80.3	0.0	0.0	0.0	6.9
16	16.2	25.1	20.2	81.7	0.0	0.0	0.0	2.9
17	16.5	24.2	19.0	83.3	0.0	0.0	0.0	2.4
18	15.0	26.0	19.6	80.3	0.0	0.0	0.0	4.6
19	16.0	25.0	20.3	78.7	0.0	0.0	0.0	2.6
20	16.5	26.5	20.4	81.7	6.8	0.0	6.8	4.1
21	16.0	25.0	20.4	76.7	0.0	0.0	0.0	2.1
22	16.8	25.2	20.6	82.3	0.0	0.0	0.0	3.2
23	17.1	25.0	20.6	81.7	0.0	.5	.5	3.3
24	17.0	26.2	21.8	80.3	0.0	0.0	0.0	6.5
25	16.7	26.3	20.4	82.0	0.0	0.0	0.0	5.1
26	16.5	24.0	19.7	80.3	.9	0.0	.9	2.6
27	16.0	23.7	19.6	84.7	1.4	0.0	1.4	.9
28	16.2	23.1	18.7	88.0	8.5	2.1	10.6	.5
29	16.1	25.0	19.4	81.7	0.0	.3	.3	2.7
30	16.9	24.9	19.7	83.3	7.3	0.0	7.3	2.1
31								
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	16.1	24.8	19.9	81.6	66.9	123.0	189.9	105.4

ESTACION: HERACLIO URIBE

DPTO: VALLE

LATITUD : 04° 17'N

AÑO: 1991

MPIO: SEVILLA

LONGITUD: 75° 55'W

ALTITUD : 1540 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	23.0	19.3	81.3	0.0	0.0	0.0	3.5
2	16.4	25.3	20.5	81.0	0.0	0.0	0.0	2.1
3	17.8	21.5	18.6	90.0	10.0	.9	10.9	.5
4	17.0	24.0	19.6	85.3	.2	.2	.4	1.3
5	16.8	22.2	18.4	89.7	6.6	0.0	6.6	1.7
6	16.5	26.2	21.1	80.7	10.5	.2	10.7	6.5
7	16.7	24.0	20.0	84.7	0.0	0.0	0.0	.7
8	16.8	27.2	21.9	73.3	0.0	0.0	0.0	5.4
9	17.8	23.5	20.2	86.0	0.0	0.0	0.0	.2
10	17.0	26.8	20.5	80.7	6.5	3.5	10.0	4.7
11	17.2	24.8	19.9	82.0	0.0	0.0	0.0	2.8
12	17.0	23.2	18.8	90.7	11.2	.5	11.7	1.0
13	16.9	25.2	20.3	88.0	0.0	0.0	0.0	3.6
14	17.3	23.2	19.8	89.7	.8	0.0	.8	.1
15	17.5	24.8	20.6	85.0	0.0	11.7	11.7	4.3
16	18.0	23.2	19.5	89.0	11.1	7.9	19.0	1.2
17	17.0	20.8	17.4	92.0	11.4	6.4	17.8	.1
18	15.8	20.0	17.4	92.0	6.1	10.0	16.1	.1
19	16.0	22.0	18.8	87.3	.5	3.8	4.3	.7
20	15.9	22.8	18.1	82.0	2.0	1.7	3.7	1.4
21	16.0	21.6	18.0	84.3	1.8	44.0	45.8	.9
22	15.8	21.4	17.5	92.3	.6	0.0	.6	.9
23	16.0	22.8	18.9	87.7	7.9	18.1	26.0	2.7
24	15.1	21.8	17.9	83.0	.1	0.0	.1	1.7
25	15.0	25.0	19.9	80.0	0.0	0.0	0.0	7.4
26	16.5	26.2	20.4	84.0	0.0	.1	.1	4.9
27	16.8	26.5	20.8	83.0	.8	0.0	.8	4.1
28	16.9	26.0	21.0	84.7	0.0	0.0	0.0	3.7
29	17.5	25.0	20.5	83.7	17.7	.2	17.9	3.2
30	17.0	23.1	19.2	86.0	5.4	.2	5.6	1.6
31	16.5	24.0	20.2	85.7	0.0	9.0	9.0	1.2
TOTAL PROMEDIO	16.6	23.8	19.5	85.3	111.2	118.4	229.6	74.2

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	23.1	19.1	87.0	0.0	0.0	0.0	2.0
2	15.8	25.0	20.2	81.3	2.4	54.5	56.9	2.2
3	16.5	24.0	19.2	87.7	0.0	0.0	0.0	.9
4	16.4	25.9	20.6	82.3	.4	.1	.5	3.4
5	17.0	23.0	19.7	86.7	5.6	0.0	5.6	1.0
6	16.5	24.2	20.7	84.3	0.0	0.0	0.0	3.9
7	17.2	26.7	21.4	78.0	0.0	0.0	0.0	6.5
8	16.5	25.2	20.3	87.0	.2	0.0	.2	3.5
9	17.8	26.8	21.4	81.3	0.0	0.0	0.0	6.4
10	17.9	26.0	22.4	78.7	0.0	0.0	0.0	5.1
11	17.0	27.8	22.0	76.0	0.0	0.0	0.0	8.7
12	16.9	26.7	21.8	78.3	0.0	0.0	0.0	6.8
13	17.0	26.0	20.9	79.3	2.8	.5	3.3	3.3
14	17.8	24.2	20.3	83.7	0.0	0.0	0.0	2.3
15	17.0	23.5	19.5	82.3	2.5	1.9	4.4	1.4
16	16.5	21.5	18.7	86.3	15.5	.2	15.7	.3
17	16.8	22.5	19.8	85.0	1.5	0.0	1.5	1.0
18	17.0	25.2	21.2	80.7	0.0	0.0	0.0	3.0
19	17.2	24.0	20.6	79.3	0.0	0.0	0.0	2.0
20	16.0	25.0	20.1	80.7	0.0	1.8	1.8	3.4
21	16.8	23.2	19.4	84.3	.7	0.0	.7	1.0
22	16.0	24.0	19.9	81.7	.2	2.7	2.9	2.0
23	16.9	23.2	19.2	84.0	0.0	1.3	1.3	2.2
24	16.5	23.1	19.2	85.0	0.0	.5	.5	2.1
25	16.0	25.2	19.6	77.3	0.0	0.0	0.0	3.8
26	16.5	22.2	17.9	92.7	34.6	40.7	75.3	2.4
27	16.0	21.8	18.5	84.0	.1	1.3	1.4	1.3
28	16.6	22.0	18.4	88.3	0.0	.2	.2	1.2
29	15.7	21.2	17.9	86.3	8.5	0.0	8.5	1.3
30	15.8	23.7	18.6	89.0	1.4	.1	1.5	3.5
31								
TOTAL PROMEDIO	16.7	24.2	19.9	83.3	76.4	105.8	182.2	87.9

ESTACION: HERACLIO URIBE

DPTO: VALLE

LATITUD : 04° 17'N

AÑO: 1991

MPIO: SEVILLA

LONGITUD: 75° 55'W
 ALTITUD : 1540 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.1	23.8	18.5	86.0	2.5	0.0	2.5	2.6
2	16.0	24.7	20.0	82.7	0.0	0.0	0.0	4.5
3	16.5	24.2	20.1	81.0	0.0	0.0	0.0	3.5
4	16.8	22.8	19.2	83.3	0.0	0.0	0.0	.4
5	16.9	21.2	18.1	85.7	0.0	53.1	53.1	.2
6	14.8	23.0	17.9	88.7	1.9	4.4	6.3	3.9
7	15.4	22.3	18.7	86.7	.5	0.0	.5	1.2
8	16.0	24.6	19.4	83.0	0.0	.3	.3	3.4
9	16.7	24.4	20.1	80.0	0.0	0.0	0.0	4.9
10	16.2	23.9	19.5	82.7	0.0	0.0	0.0	1.9
11	16.0	25.0	19.7	80.3	0.0	.9	.9	4.1
12	15.9	24.2	19.7	83.3	0.0	0.0	0.0	3.7
13	15.0	24.4	19.9	82.0	0.0	0.0	0.0	4.1
14	14.9	26.2	19.8	78.7	0.0	0.0	0.0	6.0
15	16.0	26.0	21.1	76.3	0.0	0.0	0.0	5.7
16	16.5	25.5	20.7	78.3	0.0	0.0	0.0	5.5
17	15.5	25.3	20.7	74.7	0.0	0.0	0.0	6.0
18	16.2	24.9	20.7	79.7	0.0	0.0	0.0	4.8
19	15.9	28.3	21.2	60.7	0.0	0.0	0.0	6.2
20	16.0	25.2	20.8	75.3	0.0	0.0	0.0	
21	16.6	25.0	20.3	79.7	0.0	0.0	0.0	
22	15.4	26.8	19.9	76.7	0.0	0.0	0.0	
23	15.5	26.2	20.7	78.3	0.0	0.0	0.0	4.5
24	16.0	24.0	20.2	80.7	0.0	0.0	0.0	0.0
25	15.8	25.0	20.4	79.0	0.0	0.0	0.0	5.2
26	15.9	24.7	19.3	82.0	2.5	0.0	2.5	2.0
27	16.5	23.9	19.7	80.0	1.8	0.0	1.8	3.6
28	15.8	23.4	19.9	82.3	0.0	0.0	0.0	2.4
29	16.5	25.0	19.7	81.7	.1	0.0	.1	2.3
30	16.0	21.9	17.5	85.0	15.6	6.6	22.2	.4
31	15.0	19.0	16.4	90.3	16.2	9.6	25.8	.1
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	15.9	24.3	19.6	80.8	41.1	74.9	116.0	

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1					.5	0.0	.5	2.5
2					.5	4.0	4.5	2.8
3					0.0	0.0	0.0	5.2
4					0.0	0.0	0.0	6.3
5					6.7	0.0	6.7	.4
6					0.0	0.0	0.0	3.0
7					0.0	9.1	9.1	3.2
8					.3	6.0	6.3	2.9
9					0.0	.6	.6	1.0
10					0.0	.1	.1	7.0
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					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	
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO					8.0	19.8	27.8	

ESTACION: HERACLIO URIBE

DPTO: VALLE

LATITUD : 04° 17'N

AÑO: 1991

MPIO: SEVILLA

LONGITUD: 75° 55'W

ALTITUD : 1540 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1					0.0	0.0	0.0	
2					0.0	0.0	0.0	
3					0.0	0.0	0.0	
4					0.0	0.0	0.0	
5					0.0	0.0	0.0	
6					0.0	0.0	0.0	
7					0.0	0.0	0.0	
8					0.0	0.0	0.0	
9					0.0	0.0	0.0	
10					0.0	0.0	0.0	
11					0.0	0.0	0.0	
12					0.0	0.0	0.0	
13					0.0	0.0	0.0	
14					0.0	0.0	0.0	
15					0.0	26.6	26.6	
16					2.7	.8	3.5	
17					0.0	9.6	9.6	
18					.4	.1	.5	
19					36.3	8.9	45.2	
20					36.1	.2	36.3	
21					0.0	.3	.3	
22					5.9	43.0	48.9	
23					0.0	.3	.3	
24					7.4	0.0	7.4	
25					1.8	1.9	3.7	
26					0.0	0.0	0.0	
27					1.0	0.0	1.0	
28					0.0	7.0	7.0	
29					0.0	0.0	0.0	
30					.2	5.2	5.4	
31								
TOTAL PROMEDIO	=====	=====	=====	=====	=====	=====	=====	=====
					91.8	103.9	195.7	

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1					.1	0.0	.1	
2					.8	.2	1.0	
3					0.0	.6	.6	
4					.7	0.0	.7	
5					.4	.8	1.2	
6					1.4	0.0	1.4	
7					2.4	0.0	2.4	
8					10.3	44.6	54.9	
9					4.0	0.0	4.0	
10					27.0	0.0	27.0	
11					.5	0.0	.5	
12					0.0	0.0	0.0	
13					0.0	0.0	0.0	
14					5.7	.3	6.0	
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					1.9	.1	2.0	
26					0.0	15.9	15.9	
27					1.7	2.1	3.8	
28					0.0	0.0	0.0	
29					.4	.7	1.1	
30					0.0	0.0	0.0	
31					3.3	0.0	3.3	
TOTAL PROMEDIO	=====	=====	=====	=====	=====	=====	=====	=====
					60.6	65.3	125.9	

ESTACION: HERACLIO URIBE

DPTO: VALLE

LATITUD : 04° 17'N

LONGITUD : 75° 55'W

AÑO: 1991

MPIO: SEVILLA

ALTITUD : 1540 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1					0.0	1.0	1.0	
2					1.9	0.0	1.9	
3					0.0	.4	.4	
4					5.8	0.0	5.8	
5					0.0	0.0	0.0	
6					6.9	0.0	6.9	
7					0.0	.6	.6	
8					4.3	2.0	6.3	
9					5.1	3.1	8.2	
10					0.0	.1	.1	
11					.2	5.7	5.9	
12					0.0	11.2	11.2	
13					.3	3.5	3.8	
14					0.0	2.4	2.4	
15					48.5	.4	48.9	
16					0.0	0.0	0.0	
17					8.6	0.0	8.6	
18					0.0	0.0	0.0	
19					23.6	0.0	23.6	
20					0.0	0.0	0.0	
21					20.7	0.0	20.7	
22					0.0	0.0	0.0	
23					0.0	0.0	0.0	
24					9.6	32.3	41.9	
25					5.4	0.0	5.4	
26					0.0	0.0	0.0	
27					0.0	0.0	0.0	
28					0.0	0.0	0.0	
29					.3	0.0	.3	
30					0.0	0.0	0.0	
31								
TOTAL	====	====	====	====	141.2	62.7	203.9	====
PROMEDIO								

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1					0.0	0.0	0.0	
2					.5	15.3	15.8	
3					.5	0.0	.5	
4					.9	13.5	14.4	
5					6.8	0.0	6.8	
6					0.0	0.0	0.0	
7					0.0	0.0	0.0	
8					0.0	.1	.1	
9					43.8	0.0	43.8	
10					1.0	0.0	1.0	
11					0.0	0.0	0.0	
12					.7	5.6	6.3	
13					0.0	0.0	0.0	
14					10.5	26.5	37.0	
15					0.0	0.0	0.0	
16					0.0	21.7	21.7	
17					0.0	0.0	0.0	
18					0.0	2.0	2.0	
19					0.0	0.0	0.0	
20					0.0	0.0	0.0	
21					0.0	0.0	0.0	
22					4.0	.8	4.8	
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					.1	1.9	2.0	
29					.5	0.0	.5	
30					0.0	0.0	0.0	
31					0.0	0.0	0.0	
TOTAL	====	====	====	====	69.3	87.4	156.7	====
PROMEDIO								

Estación: HERACLIO URIBE

Dpto.: VALLE

Latitud : 04° 17'N

Año: 1991

Mpio.: SEVILLA

Longitud: 75° 55'W

Altitud : 1540 m.

MES	TEMPERATURA °C					Hum. Rel. (%)	PRECIPITACION		
	Min. Med.	Máx. Med.	Med. Med.	Min. Abs.	Máx. Abs.		Total mm.	Dias Lluvia	Brillo Sol. (h)
ENERO	16.0	24.5	19.8	14.9	27.0	79.1	47.7	10	127.3
FEBRERO	16.3	25.3	20.3	14.8	28.3	79.2	82.5	11	92.0
MARZO	16.2	24.4	19.5	13.8	27.1	82.7	170.3	25	
ABRIL	16.1	24.8	19.9	14.2	26.5	81.6	189.9	18	105.4
MAYO	16.6	23.8	19.5	15.0	27.2	85.3	229.6	22	74.2
JUNIO	16.7	24.2	19.9	15.7	27.8	83.3	182.2	18	87.9
JULIO	15.9	24.3	19.6	14.8	28.3	80.8	116.0	11	
AGOSTO							27.8	7	
SEPTIEMBRE							195.7	14	
OCTUBRE							125.9	17	
NOVIEMBRE							203.9	20	
DICIEMBRE	====	====	====	====	====	=====	156.7	14	=====
PROMEDIO									
ABSOLUTA									
TOTAL							1728.2	187	

ESTACION: MANUEL M. MALLARINO

DPTO: VALLE

LATITUD : 04° 13'N

LONGITUD: 76° 19'W

AÑO: 1991

MPIO: TRUJILLO

ALTITUD : 1380 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.6	25.5	20.2	75.3	0.0	0.0	0.0	2.6
2	15.2	27.2	20.4	74.7	.1	.1	.2	5.6
3	15.6	27.0	20.9	75.7	0.0	0.0	0.0	3.5
4	18.0	27.2	20.8	81.0	3.7	0.0	3.7	3.6
5	17.8	27.0	21.4	75.3	0.0	0.0	0.0	6.0
6	16.8	28.2	21.3	73.3	0.0	2.7	2.7	4.7
7	17.8	26.4	21.5	73.3	0.0	0.0	0.0	4.4
8	16.9	28.1	21.8	74.7	0.0	0.0	0.0	6.7
9	16.8	28.5	21.7	74.3	0.0	0.0	0.0	5.6
10	17.0	28.3	21.9	75.3	0.0	0.0	0.0	6.6
11	17.6	24.0	19.3	81.7	0.0	.6	.6	.6
12	17.0	25.8	20.5	78.7	0.0	0.0	0.0	3.5
13	15.8	26.6	20.5	75.7	0.0	0.0	0.0	3.6
14	15.9	25.5	20.0	81.7	.2	0.0	.2	1.4
15	15.4	26.9	19.7	78.7	0.0	0.0	0.0	3.1
16	15.0	27.0	21.8	65.0	0.0	0.0	0.0	5.4
17	15.6	25.5	19.5	83.3	0.0	0.0	0.0	2.1
18	15.8	25.2	20.2	77.7	0.0	0.0	0.0	4.6
19	16.1	25.0	19.5	80.7	3.4	0.0	3.4	3.1
20	15.8	26.0	20.2	75.7	0.0	0.0	0.0	3.4
21	14.8	27.8	20.5	72.7	0.0	0.0	0.0	5.2
22	16.8	28.1	20.7	73.3	0.0	0.0	0.0	6.2
23	15.6	28.5	21.5	73.0	0.0	0.0	0.0	8.8
24	15.8	27.1	21.3	71.7	0.0	0.0	0.0	6.4
25	15.9	27.8	21.4	73.0	0.0	0.0	0.0	5.6
26	15.7	28.1	20.9	73.0	0.0	0.0	0.0	6.9
27	17.8	26.7	21.8	75.0	0.0	0.0	0.0	2.4
28	16.7	29.1	22.1	72.3	0.0	0.0	0.0	7.9
29	16.8	29.2	21.8	75.0	0.0	0.0	0.0	7.9
30	17.8	28.0	21.2	76.7	0.0	0.0	0.0	.6
31	16.8	27.2	22.1	77.7	0.0	0.0	0.0	5.6
TOTAL PROMEDIO	16.5	27.0	20.9	75.6	7.4	3.4	10.8	143.6

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	27.8	21.8	71.0	0.0	0.0	0.0	5.5
2	16.8	26.8	20.8	81.3	0.0	.2	.2	2.8
3	16.6	20.7	18.3	90.0	0.0	0.0	0.0	0.0
4	14.9	26.9	21.1	70.7	0.0	.1	.1	5.0
5	16.7	27.2	20.7	76.0	0.0	0.0	0.0	4.5
6	16.0	28.7	22.4	71.0	0.0	0.0	0.0	6.7
7	17.5	26.0	21.6	73.3	0.0	0.0	0.0	1.8
8	17.2	27.5	21.4	77.7	.5	2.3	2.8	5.4
9	16.0	28.2	22.2	71.7	0.0	0.0	0.0	7.4
10	17.5	29.6	23.1	70.7	0.0	0.0	0.0	7.1
11	17.0	28.2	21.8	74.7	0.0	.5	.5	2.5
12	18.0	28.0	22.4	71.7	0.0	0.0	0.0	3.4
13	18.1	27.0	22.5	71.3	0.0	0.0	0.0	4.7
14	16.9	27.2	22.0	74.0	0.0	2.3	2.3	3.9
15	17.6	27.4	21.9	69.3	0.0	0.0	0.0	4.7
16	18.0	25.9	21.0	74.0	0.0	0.0	0.0	1.2
17	16.8	28.6	22.4	67.7	0.0	0.0	0.0	7.4
18	18.2	26.8	21.8	73.3	3.7	0.0	3.7	2.2
19	18.4	27.1	20.6	84.0	.3	0.0	.3	1.9
20	18.2	27.4	21.0	78.7	2.6	0.0	2.6	2.5
21	17.5	27.2	21.5	74.3	3.9	0.0	3.9	4.5
22	17.4	28.1	22.5	69.7	0.0	0.0	0.0	5.3
23	17.0	28.0	22.5	72.0	0.0	0.0	0.0	5.0
24	17.8	30.4	23.6	67.3	0.0	0.0	0.0	5.6
25	16.8	29.6	23.1	67.7	0.0	0.0	0.0	5.9
26	17.8	29.4	21.8	76.7	0.0	0.0	0.0	5.0
27	18.2	29.0	22.2	75.0	0.0	0.0	0.0	5.2
28	17.0	28.8	21.8	77.3	0.0	0.0	0.0	2.9
29								
30								
31								
TOTAL PROMEDIO	17.2	27.6	21.8	74.0	11.0	5.4	16.4	120.0

ESTACION: MANUEL M. MALLARINO

DPTO: VALLE

LATITUD : 04° 13'N

AÑO: 1991

MPIO: TRUJILLO

LONGITUD: 76° 19'W

ALTITUD : 1380 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.4	25.0	21.0	86.7	7.8	14.6	22.4	2.4
2	17.4	26.4	20.9	83.3	1.9	.6	2.5	2.4
3	17.2	25.8	21.5	78.7	.7	0.0	.7	3.5
4	16.8	29.0	22.3	70.7	.2	0.0	.2	5.4
5	18.0	26.0	21.3	75.0	0.0	0.0	0.0	3.1
6	16.8	28.0	22.4	69.3	0.0	1.1	1.1	4.2
7	18.2	25.0	20.6	83.7	3.3	.1	3.4	.2
8	17.0	28.0	21.8	74.0	0.0	0.0	0.0	4.3
9	16.8	27.4	21.6	75.0	.2	.1	.3	4.4
10	17.1	24.4	20.8	85.7	9.4	0.0	9.4	2.3
11	17.5	27.8	21.7	80.3	.8	2.0	2.8	3.1
12	18.0	24.2	20.3	83.7	6.9	.1	7.0	.2
13	17.0	25.3	21.6	76.0	0.0	0.0	0.0	1.7
14	17.2	25.5	19.8	83.0	2.7	0.0	2.7	1.3
15	14.0	27.2	20.3	75.7	0.0	0.0	0.0	4.4
16	17.5	27.1	22.0	74.3	0.0	0.0	0.0	3.1
17	18.2	27.3	21.6	76.3	0.0	0.0	0.0	5.7
18	17.0	28.7	22.2	73.3	0.0	0.0	0.0	5.2
19	18.1	28.4	22.3	71.7	0.0	0.0	0.0	6.3
20	18.2	29.8	22.4	68.0	0.0	0.0	0.0	6.4
21	18.0	29.2	22.3	71.3	0.0	0.0	0.0	7.6
22	17.8	29.4	21.2	75.7	7.5	0.0	7.5	6.2
23	17.1	27.9	21.7	77.7	0.0	0.0	0.0	5.0
24	18.2	22.1	19.9	92.7	19.3	0.0	19.3	1.3
25	17.8	26.4	21.5	77.3	0.0	8.9	8.9	3.2
26	17.9	23.7	19.1	88.3	28.8	0.0	28.8	.3
27	17.1	23.8	19.7	86.0	0.0	1.0	1.0	.8
28	17.0	20.8	17.8	94.0	10.5	0.0	10.5	.1
29	14.0	25.0	19.7	76.7	0.0	0.0	0.0	4.8
30	15.8	27.0	20.0	83.7	2.0	0.0	2.0	6.0
31	16.0	24.0	19.2	87.7	7.0	0.0	7.0	2.9
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	17.2	26.3	21.0	79.2	109.0	28.5	137.5	107.8

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	25.0	19.5	83.7	13.7	.4	14.1	5.4
2	16.0	26.4	21.6	69.3	0.0	0.0	0.0	6.3
3	16.9	28.0	20.2	79.3	28.9	0.0	28.9	7.1
4	17.1	28.5	22.3	74.0	0.0	0.0	0.0	6.3
5	17.8	28.2	21.9	75.7	0.0	0.0	0.0	5.8
6	16.9	27.2	21.5	76.3	0.0	0.0	0.0	3.0
7	17.5	26.7	22.4	74.7	0.0	0.0	0.0	4.0
8	18.0	26.2	20.9	79.7	2.2	3.9	6.1	1.8
9	17.5	26.1	20.4	82.0	7.9	26.2	34.1	2.3
10	16.2	26.0	20.4	77.0	0.0	8.8	8.8	4.5
11	17.2	27.4	21.1	78.0	.8	12.8	13.6	4.0
12	16.8	23.5	19.9	87.0	2.4	12.7	15.1	.4
13	15.8	24.8	20.3	75.7	0.0	0.0	0.0	1.6
14	16.2	24.7	20.6	83.3	2.3	4.1	6.4	3.5
15	16.6	26.5	21.2	72.3	0.0	0.0	0.0	3.7
16	17.2	28.5	23.0	70.0	0.0	.9	.9	6.0
17	17.5	25.0	20.8	76.7	.6	0.0	.6	.9
18	16.0	27.8	21.6	74.7	0.0	0.0	0.0	6.8
19	17.0	27.2	21.6	73.3	0.0	0.0	0.0	4.2
20	17.8	27.5	22.2	76.3	.1	.1	.2	4.8
21	17.5	26.5	22.0	77.7	0.0	0.0	0.0	4.1
22	17.8	27.4	22.6	72.7	0.0	.2	.2	5.5
23	18.0	27.0	22.1	76.3	0.0	.6	.6	2.7
24	18.5	28.8	22.9	73.3	0.0	0.0	0.0	6.6
25	18.0	27.8	21.4	78.3	19.2	0.0	19.2	2.0
26	17.1	27.0	22.0	76.7	0.0	0.0	0.0	2.5
27	17.4	25.4	21.4	80.0	1.0	0.0	1.0	1.2
28	16.7	26.3	20.2	83.7	2.0	0.0	2.0	3.4
29	16.8	26.0	20.8	84.7	0.0	0.0	0.0	3.8
30	17.0	26.4	21.1	78.3	1.3	14.7	16.0	4.6
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL	17.1	26.7	21.3	77.4	82.4	85.4	167.8	118.8
PROMEDIO	17.1	26.7	21.3	77.4	82.4	85.4	167.8	118.8

ESTACION: MANUEL M. MALLARINO

DPTO: VALLE

LATITUD : 04° 13'N

AÑO: 1991

MPIO: TRUJILLO

LONGITUD : 76° 19'W

ALTITUD : 1380 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.8	26.0	21.3	77.3	0.0	0.0	0.0	2.4
2	17.0	27.9	22.5	74.7	0.0	3.4	3.4	4.9
3	18.4	22.4	19.9	87.0	.3	0.0	.3	.1
4	16.8	25.0	20.7	81.0	0.0	0.0	0.0	1.3
5	17.1	22.8	19.3	89.0	16.2	0.0	16.2	1.7
6	17.3	28.0	22.5	74.3	0.0	0.0	0.0	7.0
7	17.7	25.9	21.3	80.0	0.0	0.0	0.0	2.4
8	17.8	28.2	23.1	74.7	0.0	0.0	0.0	5.8
9	18.6	26.0	21.3	80.0	4.5	0.0	4.5	0.0
10	17.1	26.5	22.2	75.3	0.0	8.7	8.7	6.1
11	17.8	25.2	21.3	78.3	0.0	0.0	0.0	5.7
12	17.6	25.6	20.8	81.3	.5	2.7	3.2	4.3
13	17.8	25.9	21.2	82.3	0.0	0.0	0.0	3.4
14	17.9	25.4	21.2	79.3	0.0	.1	.1	.4
15	18.0	25.3	21.4	84.7	0.0	0.0	0.0	3.7
16	18.5	24.0	21.3	82.3	0.0	1.7	1.7	.1
17	17.8	22.8	18.6	94.3	18.1	.5	18.6	.4
18	16.7	22.5	19.1	86.7	9.5	0.0	9.5	.3
19	16.0	24.0	20.1	85.0	.8	12.4	13.2	1.9
20	17.4	24.9	20.4	81.3	.5	8.8	9.3	1.3
21	17.8	23.0	19.1	88.7	.6	3.3	3.9	1.0
22	17.0	22.1	19.0	87.3	.9	0.0	.9	1.2
23	16.0	24.0	20.4	84.3	1.1	22.5	23.6	3.9
24	16.1	22.0	18.9	88.7	.4	0.0	.4	1.7
25	16.2	26.1	21.8	77.0	0.0	0.0	0.0	9.1
26	17.2	27.5	23.1	76.3	0.0	0.0	0.0	5.7
27	18.6	28.1	22.6	77.0	0.0	0.0	0.0	4.5
28	18.0	27.5	22.5	77.3	0.0	0.0	0.0	2.2
29	18.3	26.1	22.2	80.0	0.0	0.0	0.0	2.3
30	17.5	24.1	20.9	85.3	0.0	1.8	1.8	.1
31	17.4	25.1	21.0	83.7	.1	15.3	15.4	2.1
TOTAL PROMEDIO	17.4	25.2	21.0	81.8	53.5	81.2	134.7	87.0

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.1	26.0	21.1	79.7	0.0	0.0	0.0	4.1
2	16.8	26.7	21.2	80.7	20.2	1.3	21.5	5.0
3	18.0	26.2	20.8	84.3	.2	0.0	.2	3.8
4	17.8	26.0	21.0	80.7	.1	0.0	.1	2.9
5	17.9	25.9	20.5	85.7	5.1	6.6	11.7	.9
6	17.8	26.2	21.4	80.3	0.0	.1	.1	5.3
7	17.1	27.8	22.3	77.7	0.0	0.0	0.0	7.6
8	18.0	26.3	22.5	79.7	0.0	0.0	0.0	5.0
9	17.5	29.0	22.7	75.3	0.0	0.0	0.0	6.8
10	17.8	27.0	22.6	79.3	1.0	0.0	1.0	5.5
11	17.7	29.2	22.6	78.7	0.0	0.0	0.0	9.3
12	17.2	27.2	22.4	81.7	0.0	0.0	0.0	4.5
13	17.4	26.2	22.1	75.3	0.0	12.9	12.9	2.9
14	17.6	25.9	20.7	75.3	0.0	0.0	0.0	3.1
15	17.2	25.5	20.5	82.0	19.2	0.0	19.2	2.4
16	17.6	23.0	20.2	88.3	.3	0.0	.3	.8
17	17.8	24.0	20.3	84.7	0.0	0.0	0.0	1.8
18	17.6	28.0	22.7	67.7	0.0	0.0	0.0	4.1
19	18.8	26.0	21.3	78.7	0.0	0.0	0.0	2.9
20	17.4	26.8	21.6	76.0	0.0	11.5	11.5	6.2
21	17.2	24.2	20.5	82.3	.4	0.0	.4	1.4
22	16.8	24.5	21.0	78.7	0.0	1.5	1.5	2.7
23	17.8	25.0	21.1	80.0	0.0	.4	.4	3.5
24	17.0	26.9	21.5	75.7	0.0	.3	.3	6.2
25	16.9	26.2	21.5	74.0	0.0	.3	.3	4.5
26	16.8	25.8	20.2	78.3	4.2	14.9	19.1	3.9
27	16.7	24.2	20.6	82.7	.3	1.5	1.8	2.5
28	17.0	24.6	20.3	80.0	0.0	0.0	0.0	2.2
29	16.8	24.0	20.3	85.3	0.0	0.0	0.0	1.2
30	16.0	25.0	21.1	78.3	0.0	.6	.6	4.8
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.4	26.0	21.3	79.6	51.0	51.9	102.9	117.8

ESTACION: MANUEL M. MALLARINO

DPTO: VALLE

LATITUD : 04° 13'N

AÑO: 1991

MPIO: TRUJILLO

LONGITUD: 76° 19'W
ALTITUD : 1380 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.2	24.8	20.2	80.3	0.0	0.0	0.0	3.3
2	16.8	27.2	22.3	71.0	0.0	0.0	0.0	8.4
3	17.4	26.2	22.0	78.0	.1	0.0	.1	5.2
4	17.8	24.9	21.2	78.3	0.0	11.9	11.9	0.0
5	16.8	22.3	19.4	89.0	3.9	4.2	8.1	.7
6	16.0	24.2	20.2	83.7	2.0	1.3	3.3	3.6
7	16.4	25.2	20.0	83.3	.3	0.0	.3	2.2
8	16.5	26.5	21.4	76.7	0.0	0.0	0.0	6.9
9	17.2	27.8	21.7	77.3	0.0	0.0	0.0	6.3
10	17.8	26.0	21.6	78.7	0.0	0.0	0.0	2.7
11	16.5	26.2	21.2	77.3	0.0	0.0	0.0	3.9
12	16.9	25.5	21.0	77.3	0.0	0.0	0.0	4.3
13	16.7	27.0	20.9	73.7	0.0	0.0	0.0	6.2
14	15.8	27.2	21.9	73.3	0.0	0.0	0.0	8.3
15	16.8	27.0	21.8	79.3	0.0	0.0	0.0	2.4
16	17.8	26.8	22.4	76.3	0.0	0.0	0.0	4.9
17	15.8	27.2	22.1	71.3	0.0	0.0	0.0	7.2
18	17.4	27.8	22.0	74.3	0.0	0.0	0.0	7.6
19	17.1	29.1	22.6	68.7	0.0	0.0	0.0	7.4
20	17.2	25.2	21.8	79.7	0.0	0.0	0.0	0.0
21	17.5	26.1	21.4	75.3	0.0	0.0	0.0	1.4
22	16.8	28.2	22.2	73.0	0.0	0.0	0.0	8.0
23	17.0	28.0	22.2	71.3	0.0	0.0	0.0	5.1
24	17.4	25.5	20.9	81.3	19.6	.1	19.7	0.0
25	15.9	26.5	21.3	78.7	0.0	0.0	0.0	3.7
26	16.7	27.0	21.9	76.7	0.0	0.0	0.0	4.7
27	17.4	25.3	20.8	78.7	0.0	0.0	0.0	2.4
28	16.3	26.0	21.1	75.7	0.0	0.0	0.0	4.6
29	17.0	27.5	20.8	82.0	.8	0.0	.8	4.8
30	16.4	25.9	19.8	84.7	5.0	14.0	19.0	2.3
31	16.2	21.0	17.8	89.7	9.5	0.0	9.5	0.0
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.8	26.2	21.2	77.9	41.2	31.5	72.7	128.5

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.8	23.0	18.8	85.0	0.0	0.0	0.0	1.5
2	16.0	26.5	20.6	80.3	0.0	.7	.7	6.6
3	16.4	26.6	22.1	71.7	0.0	0.0	0.0	8.2
4	14.8	27.0	21.3	71.7	0.0	0.0	0.0	8.1
5	16.5	24.2	21.0	80.3	0.0	0.0	0.0	.8
6	16.8	26.2	21.3	76.7	0.0	0.0	0.0	5.7
7	17.2	27.0	21.8	77.3	2.8	.9	3.7	5.7
8	17.0	26.6	20.7	76.7	0.0	7.5	7.5	6.7
9	16.8	23.5	19.6	78.0	.8	.5	1.3	2.7
10	16.0	26.8	20.4	78.7	0.0	0.0	0.0	5.1
11	15.9	28.2	22.7	70.3	0.0	0.0	0.0	8.5
12	17.0	27.5	21.8	68.3	0.0	0.0	0.0	4.6
13	15.0	28.2	23.0	66.3	0.0	0.0	0.0	8.0
14	18.0	27.0	21.9	65.7	0.0	0.0	0.0	5.6
15	16.2	26.9	21.6	70.3	0.0	0.0	0.0	7.4
16	15.2	25.0	21.1	74.7	0.0	0.0	0.0	3.0
17	15.8	26.0	21.0	75.0	0.0	0.0	0.0	6.1
18	15.7	27.6	21.4	70.0	0.0	0.0	0.0	6.6
19	16.0	26.0	20.9	72.3	0.0	0.0	0.0	5.1
20	15.6	27.6	22.1	68.0	0.0	0.0	0.0	8.6
21	17.0	28.8	22.8	68.7	0.0	0.0	0.0	6.9
22	16.0	27.4	22.1	70.0	0.0	0.0	0.0	4.4
23	15.9	28.4	22.5	67.0	0.0	0.0	0.0	7.4
24	15.5	27.4	21.8	68.0	0.0	0.0	0.0	5.1
25	16.0	29.0	22.1	66.3	0.0	0.0	0.0	8.8
26	16.2	30.0	23.1	68.3	0.0	0.0	0.0	8.8
27	16.0	28.5	22.3	68.0	0.0	0.0	0.0	5.4
28	16.9	28.3	22.4	68.3	0.0	0.0	0.0	5.7
29	14.8	29.8	22.3	62.7	0.0	0.0	0.0	8.3
30	17.0	25.2	21.0	75.7	0.0	0.0	0.0	2.5
31	17.6	28.0	22.3	70.7	0.0	0.0	0.0	5.4
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.2	27.0	21.6	72.0	3.6	9.6	13.2	183.3

ESTACION: MANUEL M. MALLARINO

DPTO: VALLE

LATITUD : 04° 13'N

LONGITUD: 76° 19'W

AÑO: 1991

MPIO: TRUJILLO

ALTITUD : 1380 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	27.5	22.3	69.7	0.0	0.0	0.0	5.4
2	16.5	30.1	23.0	68.0	0.0	0.0	0.0	9.2
3	17.0	26.8	22.2	74.7	0.0	0.0	0.0	.2
4	16.4	29.9	23.0	70.7	0.0	0.0	0.0	7.5
5	16.6	29.0	23.0	71.7	0.0	0.0	0.0	7.4
6	17.8	28.8	23.0	72.7	0.0	0.0	0.0	2.5
7	16.9	30.0	23.6	68.3	0.0	11.5	11.5	7.6
8	17.0	29.9	23.5	71.0	0.0	0.0	0.0	7.4
9	16.8	29.3	22.8	69.7	0.0	0.0	0.0	6.2
10	17.0	30.0	22.7	66.7	0.0	0.0	0.0	5.0
11	17.5	30.1	24.0	55.3	0.0	0.0	0.0	6.8
12	15.5	29.1	23.4	62.3	0.0	0.0	0.0	7.0
13	15.6	29.0	22.7	64.7	0.0	0.0	0.0	7.4
14	16.5	26.9	22.0	71.7	0.0	0.0	0.0	4.0
15	17.5	25.0	20.5	84.3	2.2	11.6	13.8	1.0
16	16.3	20.6	18.3	94.0	8.5	.1	8.6	0.0
17	16.0	26.0	21.0	74.0	0.0	2.1	2.1	4.6
18	16.8	24.8	20.3	80.0	0.0	0.0	0.0	2.2
19	16.0	27.0	20.9	78.3	.1	4.7	4.8	3.0
20	17.4	21.4	18.8	91.3	2.7	0.0	2.7	.1
21	15.4	25.6	20.5	76.3	.1	.2	.3	4.5
22	17.0	23.0	19.3	89.3	10.2	22.1	32.3	1.2
23	16.2	24.8	19.4	82.3	0.0	1.9	1.9	2.0
24	17.1	24.0	19.7	85.3	33.3	0.0	33.3	2.2
25	16.2	25.5	20.2	78.0	12.0	.5	12.5	2.9
26	17.4	26.2	21.4	76.3	0.0	2.8	2.8	4.2
27	16.8	26.0	19.9	80.0	.2	0.0	.2	1.0
28	16.4	27.3	21.9	72.0	0.0	14.3	14.3	6.1
29	17.4	24.7	20.5	78.7	.7	0.0	.7	2.4
30	16.7	27.3	21.6	73.3	10.3	32.6	42.9	5.1
31								
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.7	26.9	21.5	75.0	80.3	104.4	184.7	126.1

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	23.0	19.1	81.7	2.0	0.0	2.0	.7
2	15.0	26.0	20.5	82.3	3.0	.5	3.5	5.8
3	15.8	26.2	20.0	81.3	.1	0.0	.1	5.2
4	16.0	26.0	20.2	78.0	1.0	0.0	1.0	3.4
5	15.4	27.0	21.3	69.3	0.0	0.0	0.0	6.7
6	16.5	26.8	21.0	73.3	.1	.1	.2	3.4
7	16.8	24.1	19.3	86.0	1.0	0.0	1.0	2.8
8	16.1	25.5	20.2	78.0	1.4	7.9	9.3	3.3
9	15.0	26.0	18.8	83.3	.3	0.0	.3	2.6
10	16.0	23.8	19.7	83.0	0.0	0.0	0.0	2.2
11	15.8	26.0	20.5	77.3	0.0	0.0	0.0	3.7
12	16.0	26.7	21.5	70.7	.1	0.0	.1	6.6
13	16.5	26.2	21.0	73.7	0.0	0.0	0.0	4.1
14	15.0	27.1	21.8	71.0	0.0	0.0	0.0	6.9
15	15.5	26.4	20.7	74.3	0.0	0.0	0.0	6.6
16	15.0	28.0	21.3	70.0	0.0	0.0	0.0	8.0
17	17.1	27.4	21.6	75.0	0.0	5.0	5.0	4.8
18	16.2	24.1	19.3	82.3	0.0	0.0	0.0	.4
19	15.4	26.9	20.4	74.7	0.0	0.0	0.0	5.0
20	15.7	27.8	21.7	70.3	0.0	0.0	0.0	7.1
21	15.0	28.9	21.7	69.0	0.0	0.0	0.0	8.4
22	16.2	28.2	22.0	70.3	0.0	0.0	0.0	7.4
23	16.4	27.6	21.9	71.3	0.0	0.0	0.0	5.6
24	16.8	25.2	21.3	77.3	0.0	0.0	0.0	.3
25	17.8	26.0	20.9	75.7	0.0	0.0	0.0	2.8
26	16.9	26.8	21.0	78.7	0.0	.8	.8	6.3
27	16.6	25.2	20.3	74.0	0.0	0.0	0.0	4.1
28	16.5	26.2	21.3	75.0	0.0	0.0	0.0	5.4
29	15.0	26.0	21.3	72.0	.5	.9	1.4	4.0
30	15.4	25.3	22.4	74.7	0.0	0.0	0.0	2.0
31	17.0	23.5	19.7	84.7	0.0	0.0	0.0	0.0
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.0	26.1	20.7	76.1	9.5	15.2	24.7	135.6

ESTACION: MANUEL M. MALLARINO

DPTO: VALLE

LATITUD : 04° 13'N

AÑO: 1991

MPIO: TRUJILLO

LONGITUD: 76° 19'W
ALTITUD : 1380 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	26.0	21.6	73.3	0.0	9.3	9.3	3.1
2	15.6	25.4	21.4	77.3	.6	0.0	.6	3.3
3	16.5	26.0	21.7	77.7	0.0	45.4	45.4	4.7
4	17.0	23.0	19.5	78.3	.9	.5	1.4	.4
5	16.5	26.6	21.1	73.7	0.0	0.0	0.0	4.3
6	16.2	23.6	20.2	89.0	10.1	5.4	15.5	1.3
7	16.0	25.5	21.3	77.3	0.0	.4	.4	1.9
8	16.5	23.5	19.5	86.3	7.5	5.7	13.2	.8
9	17.5	23.0	20.5	81.0	0.0	29.6	29.6	1.6
10	16.6	24.0	20.6	79.7	.5	0.0	.5	2.0
11	16.0	26.0	20.9	74.7	0.0	0.0	0.0	5.0
12	17.5	25.0	20.6	76.7	0.0	3.6	3.6	4.5
13	17.0	23.6	19.8	80.7	.3	11.8	12.1	.4
14	16.8	24.0	20.5	79.3	4.7	3.0	7.7	1.5
15	17.4	23.0	20.4	80.3	34.9	5.0	39.9	1.6
16	17.0	24.6	21.1	78.7	0.0	2.8	2.8	6.6
17	16.5	25.0	21.6	77.3	6.1	0.0	6.1	3.8
18	15.9	26.5	21.8	73.3	0.0	0.0	0.0	4.4
19	17.5	24.9	21.8	80.0	6.7	0.0	6.7	1.9
20	16.2	26.5	21.4	75.7	0.0	.1	.1	5.1
21	16.0	25.8	20.2	76.0	14.5	.8	15.3	2.2
22	16.1	26.0	20.4	80.0	0.0	0.0	0.0	4.0
23	16.6	25.3	21.2	76.3	0.0	0.0	0.0	1.2
24	17.2	25.2	21.2	78.7	0.0	48.1	48.1	1.0
25	17.8	20.2	18.0	92.3	3.8	0.0	3.8	0.0
26	15.4	26.0	20.3	78.3	0.0	0.0	0.0	6.0
27	17.5	26.4	21.6	77.3	0.0	0.0	0.0	3.3
28	18.0	23.0	20.1	84.7	0.0	0.0	0.0	0.0
29	17.0	21.3	19.2	90.0	0.0	0.0	0.0	0.0
30	16.2	27.4	21.3	76.7	0.0	0.0	0.0	5.6
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.6	24.7	20.7	79.4	90.6	171.5	262.1	81.5

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	27.0	21.7	79.0	0.0	0.0	0.0	5.2
2	17.4	25.2	20.7	86.7	.2	4.6	4.8	1.3
3	18.0	26.0	20.8	80.7	.1	0.0	.1	3.3
4	16.9	27.2	21.5	76.7	0.0	19.4	19.4	4.6
5	16.8	20.0	17.5	94.3	1.9	0.0	1.9	0.0
6	14.2	26.0	20.2	78.0	0.0	0.0	0.0	6.4
7	16.5	26.8	20.7	77.7	0.0	0.0	0.0	4.0
8	18.0	26.2	21.8	77.7	0.0	11.9	11.9	5.5
9	17.9	24.3	19.7	83.7	3.2	0.0	3.2	.3
10	16.0	25.2	20.2	78.7	0.0	0.0	0.0	4.4
11	16.8	26.5	20.7	77.0	0.0	0.0	0.0	4.3
12	16.4	27.7	21.8	78.0	0.0	.8	.8	4.0
13	17.8	26.1	20.5	78.7	0.0	0.0	0.0	3.9
14	17.1	23.2	19.8	84.0	1.5	6.1	7.6	.3
15	17.4	22.2	19.3	86.7	5.2	1.0	6.2	0.0
16	16.8	25.0	20.4	78.7	0.0	23.0	23.0	1.2
17	17.0	21.0	18.3	89.7	.3	0.0	.3	0.0
18	15.0	26.0	19.7	77.3	0.0	0.0	0.0	6.3
19	16.2	26.9	20.8	75.7	0.0	.3	.3	5.4
20	17.1	27.0	21.7	75.7	0.0	0.0	0.0	5.3
21	16.8	27.2	21.2	73.7	0.0	0.0	0.0	6.4
22	17.5	23.2	19.0	89.7	2.3	0.0	2.3	1.2
23	15.8	26.4	19.6	79.7	0.0	0.0	0.0	3.9
24	16.0	25.9	20.4	78.7	0.0	0.0	0.0	3.8
25	16.8	27.2	21.0	72.7	0.0	0.0	0.0	5.6
26	16.1	27.4	20.7	74.3	0.0	0.0	0.0	6.5
27	17.0	27.2	21.3	74.0	0.0	0.0	0.0	6.3
28	16.8	26.0	21.5	73.3	.6	4.9	5.5	3.4
29	16.1	22.3	18.9	88.3	.5	0.0	.5	.4
30	16.0	27.2	20.9	74.7	0.0	0.0	0.0	6.6
31	15.8	27.6	21.6	69.7	0.0	0.0	0.0	5.7
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.7	25.6	20.4	79.5	15.8	72.0	87.8	115.5

Estación: MANUEL M. MALLARINO Dpto.: VALLE
 Año: 1991 Mpio.: TRUJILLO

Latitud : 04° 13'N
 Longitud: 76° 19'W
 Altitud : 1380 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Min. Med.	Máx. Med.	Med.	Min. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	16.5	27.0	20.9	14.8	29.2	75.6	10.8	6	143.6
FEBRERO	17.2	27.6	21.8	14.9	30.4	74.0	16.4	9	120.0
MARZO	17.2	26.3	21.0	14.0	29.8	79.2	137.5	19	107.8
ABRIL	17.1	26.7	21.3	15.8	28.8	77.4	167.8	17	118.8
MAYO	17.4	25.2	21.0	16.0	28.2	81.8	134.7	18	87.0
JUNIO	17.4	26.0	21.3	16.0	29.2	79.6	102.9	18	117.8
JULIO	16.8	26.2	21.2	15.8	29.1	77.9	72.7	9	128.5
AGOSTO	16.2	27.0	21.6	14.8	30.0	72.0	13.2	4	183.3
SEPTIEMBRE	16.7	26.9	21.5	15.4	30.1	75.0	184.7	16	126.1
OCTUBRE	16.0	26.1	20.7	15.0	28.9	76.1	24.7	12	135.6
NOVIEMBRE	16.6	24.7	20.7	15.0	27.4	79.4	262.1	20	81.5
DICIEMBRE	16.7	25.6	20.4	14.2	27.7	79.5	87.8	15	115.5
PROMEDIO	16.8	26.3	21.1			77.3			
ABSOLUTA				14.0	30.4				
TOTAL							1215.3	163	1465.5

ESTACION: JULIO FERNANDEZ

DPTO: VALLE

LATITUD : 03° 48'N

AÑO: 1991

MPIO: RESTREPO

LONGITUD: 76° 32'W
ALTITUD : 1360 m.

ENERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.1	23.9	19.3	82.3	0.0	0.0	0.0	
2	16.2	25.1	19.8	82.7	0.0	0.0	0.0	5.9
3	17.0	24.9	19.8	83.3	.7	.2	.9	6.1
4	17.1	25.2	20.2	76.3	0.0	0.0	0.0	5.6
5	17.8	26.0	20.2	81.3	0.0	0.0	0.0	6.5
6	17.0	26.1	20.3	81.3	0.0	0.0	0.0	7.9
7	16.8	25.9	19.9	80.3	.8	0.0	.8	5.1
8	16.5	26.1	20.8	81.7	0.0	0.0	0.0	6.7
9	17.8	27.0	21.2	80.7	0.0	0.0	0.0	7.8
10	18.1	26.1	21.0	80.0	0.0	0.0	0.0	5.5
11	18.8	24.8	19.5	88.0	3.1	0.0	3.1	1.3
12	17.0	26.4	20.0	79.3	0.0	0.0	0.0	4.7
13	17.5	24.9	20.6	81.3	0.0	2.2	2.2	6.5
14	16.0	25.4	20.7	76.3	.4	.7	1.1	3.1
15	17.8	25.9	20.3	78.7	0.0	.5	.5	7.3
16	17.4	27.4	20.5	78.7	0.0	0.0	0.0	6.1
17	17.8	25.5	20.0	82.3	.7	0.0	.7	5.5
18	17.1	25.1	19.9	78.0	0.0	4.5	4.5	6.1
19	16.7	24.1	19.2	82.3	0.0	0.0	0.0	4.2
20	16.8	24.9	20.0	78.7	0.0	0.0	0.0	7.4
21	16.1	25.7	20.0	82.0	0.0	0.0	0.0	5.3
22	17.8	25.9	20.5	80.0	0.0	0.0	0.0	6.9
23	17.0	28.0	21.0	76.7	0.0	0.0	0.0	6.0
24	15.8	26.2	20.5	81.3	0.0	0.0	0.0	3.6
25	18.8	26.9	21.2	77.0	0.0	0.0	0.0	6.4
26	16.0	27.0	20.7	78.0	0.0	0.0	0.0	8.1
27	18.8	26.9	21.4	78.7	0.0	0.0	0.0	5.7
28	16.4	28.0	21.0	79.7	0.0	0.0	0.0	6.3
29	16.4	27.8	21.6	76.0	0.0	0.0	0.0	8.3
30	19.0	26.8	21.2	76.3	0.0	0.0	0.0	3.3
31	16.0	27.0	20.6	80.0	0.0	0.0	0.0	4.2
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.1	26.0	20.4	80.0	5.7	8.1	13.8	

FEBRERO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.3	26.1	20.8	78.7	0.0	0.0	0.0	5.0
2	17.0	25.2	20.2	82.0	0.0	0.0	0.0	2.4
3	17.1	20.9	18.2	90.7	7.4	0.0	7.4	.1
4	15.6	26.0	19.6	79.7	0.0	0.0	0.0	4.9
5	17.2	25.9	20.3	76.7	0.0	3.1	3.1	6.0
6	17.8	26.2	20.6	81.3	0.0	0.0	0.0	6.8
7	17.4	26.0	20.6	79.0	0.0	0.0	0.0	5.2
8	18.0	25.8	20.1	80.0	0.0	0.0	0.0	6.5
9	17.6	27.0	20.9	78.7	0.0	0.0	0.0	5.5
10	18.0	28.6	21.2	75.3	0.0	0.0	0.0	6.6
11	18.4	26.2	21.0	77.0	0.0	0.0	0.0	1.5
12	17.8	27.1	21.3	78.7	0.0	0.0	0.0	7.8
13	17.4	26.9	20.9	79.3	0.0	0.0	0.0	3.5
14	18.5	26.5	21.1	77.7	0.0	0.0	0.0	6.2
15	17.9	27.4	20.7	77.7	0.0	0.0	0.0	3.6
16	18.0	25.4	20.4	80.0	0.0	0.0	0.0	1.8
17	14.8	27.8	20.6	79.3	0.0	17.1	17.1	6.8
18	18.0	26.0	20.8	79.7	0.0	2.1	2.1	2.4
19	18.3	25.4	20.5	82.0	0.0	2.3	2.3	5.1
20	18.0	26.2	20.7	78.0	0.0	0.0	0.0	4.8
21	17.8	26.9	20.6	80.3	0.0	0.0	0.0	7.3
22	18.2	27.2	21.5	76.0	0.0	.3	.3	7.0
23	18.5	26.9	21.2	79.3	0.0	0.0	0.0	6.9
24	19.0	29.0	21.9	74.7	0.0	0.0	0.0	5.5
25	18.9	27.1	21.7	75.3	0.0	.2	.2	4.6
26	19.0	26.4	21.3	79.7	.5	0.0	.5	5.3
27	17.8	27.2	21.5	78.7	0.0	0.0	0.0	6.4
28	18.8	27.4	21.4	80.0	0.0	0.0	0.0	3.2
29								
30								
31								
TOTAL	====	====	====	====	====	====	====	====
PROMEDIO	17.8	26.5	20.8	79.1	7.9	25.1	33.0	138.7

ESTACION: JULIO FERNANDEZ

DPTO: VALLE

LATITUD : 03° 48'N

AÑO: 1991

MPIO: RESTREPO

LONGITUD: 76° 32'W
ALTITUD : 1360 m.

MARZO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.4	24.8	20.6	78.3	0.0	0.0	0.0	.9
2	18.0	27.2	21.1	75.0	0.0	0.0	0.0	2.1
3	14.0	27.0	19.6	80.0	0.0	0.0	0.0	5.7
4	14.6	27.2	20.3	81.7	.2	0.0	.2	5.0
5	15.9	26.8	20.0	78.0	0.0	0.0	0.0	5.8
6	16.0	27.0	20.5	81.0	0.0	0.0	0.0	5.2
7	18.5	24.0	20.2	84.0	2.9	0.0	2.9	.2
8	14.8	26.9	20.4	79.7	0.0	0.0	0.0	6.2
9	18.0	27.3	21.5	74.3	0.0	11.6	11.6	6.5
10	17.8	25.0	20.5	81.7	1.8	0.0	1.8	1.5
11	18.0	26.8	21.3	78.7	0.0	0.0	0.0	3.1
12	18.7	26.9	20.9	76.0	.8	2.3	3.1	1.9
13	16.8	25.8	20.6	82.0	0.0	47.7	47.7	.3
14	17.0	25.6	19.4	85.0	.3	0.0	.3	2.3
15	14.8	26.2	19.8	81.7	9.2	0.0	9.2	4.3
16	18.0	24.9	20.4	83.3	0.0	4.1	4.1	3.5
17	17.9	25.5	20.7	80.7	0.0	0.0	0.0	5.4
18	18.0	26.0	21.0	77.0	0.0	0.0	0.0	7.2
19	18.6	26.5	21.3	74.7	0.0	0.0	0.0	6.6
20	17.0	28.1	21.0	80.3	0.0	0.0	0.0	7.8
21	16.9	28.0	21.2	79.7	0.0	0.0	0.0	6.5
22	17.6	27.0	21.1	79.7	0.0	.7	.7	8.2
23	17.8	26.0	21.4	78.0	4.1	11.6	15.7	4.6
24	17.9	25.3	20.8	78.3	0.0	0.0	0.0	2.2
25	17.3	26.0	20.7	76.0	0.0	.1	.1	5.2
26	17.5	25.1	19.8	80.0	2.4	.4	2.8	.6
27	17.2	24.8	19.9	83.0	.1	.2	.3	.5
28	17.5	21.6	17.5	94.3	38.5	0.0	38.5	0.0
29	13.5	25.9	19.0	82.0	0.0	0.0	0.0	7.2
30	15.4	26.0	20.0	80.7	0.0	0.0	0.0	6.3
31	15.8	24.9	19.6	80.0	.5	0.0	.5	2.9
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.9	26.0	20.4	80.2	60.8	78.7	139.5	125.7

ABRIL	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.0	25.0	19.4	79.0	0.0	0.0	0.0	5.8
2	14.9	26.4	20.4	76.3	0.0	0.0	0.0	7.4
3	15.0	27.4	20.2	79.3	0.0	0.0	0.0	5.7
4	16.9	26.9	21.3	74.7	0.0	0.0	0.0	7.0
5	18.6	26.2	21.4	77.0	0.0	0.0	0.0	6.7
6	16.7	27.4	20.7	78.0	0.0	0.0	0.0	3.1
7	16.0	26.0	20.2	81.7	0.0	.3	.3	5.1
8	16.6	24.9	19.5	82.0	0.0	4.4	4.4	4.4
9	17.1	25.8	19.7	79.3	11.5	20.5	32.0	3.3
10	16.4	26.4	20.8	79.7	0.0	3.1	3.1	2.4
11	17.4	25.2	20.1	81.3	0.0	23.4	23.4	4.2
12	17.6	25.4	20.3	80.7	0.0	1.4	1.4	5.6
13	16.8	25.0	19.8	85.3	12.0	0.0	12.0	3.3
14	16.9	25.2	19.7	79.0	1.5	2.9	4.4	3.7
15	16.7	25.7	20.1	82.0	0.0	0.0	0.0	6.1
16	15.4	27.1	20.8	81.3	0.0	27.1	27.1	7.6
17	17.0	24.1	20.1	78.3	2.4	0.0	2.4	1.2
18	15.9	25.5	20.3	79.7	0.0	0.0	0.0	8.2
19	17.0	26.4	21.1	77.0	0.0	0.0	0.0	7.1
20	16.9	26.0	20.8	78.3	0.0	0.0	0.0	6.7
21	18.8	25.9	21.4	75.3	0.0	0.0	0.0	6.3
22	17.0	25.8	21.2	76.0	0.0	.3	.3	4.6
23	18.2	25.4	20.4	81.0	0.0	1.5	1.5	4.1
24	17.2	27.0	21.0	80.7	0.0	0.0	0.0	4.9
25	18.8	25.8	21.0	80.7	0.0	0.0	0.0	3.3
26	18.2	25.6	20.5	81.0	0.0	0.0	0.0	3.1
27	16.2	24.8	19.7	83.3	0.0	0.0	0.0	1.4
28	16.0	24.9	19.9	82.0	3.2	0.0	3.2	2.6
29	16.8	26.2	20.0	80.3	1.7	0.0	1.7	6.9
30	17.1	25.9	20.5	82.7	0.0	22.0	22.0	6.2
31	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====
PROMEDIO	16.8	25.8	20.4	79.8	32.3	106.9	139.2	148.0

ESTACION: JULIO FERNANDEZ

DPTO: VALLE

LATITUD : 03° 48'N

AÑO: 1991

MPIO: RESTREPO

LONGITUD: 76° 32'W

ALTITUD : 1360 m.

MAYO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.1	27.6	20.8	79.3	0.0	7.0	7.0	4.6
2	16.9	27.5	20.9	81.0	0.0	10.5	10.5	6.0
3	18.6	26.0	20.6	83.3	0.0	0.0	0.0	2.7
4	17.2	25.0	20.2	78.0	0.0	0.0	0.0	4.7
5	17.8	24.9	20.4	81.7	0.0	2.5	2.5	3.1
6	15.7	27.5	20.4	85.0	0.0	0.0	0.0	7.4
7	18.6	27.1	21.3	75.7	0.0	0.0	0.0	6.4
8	18.7	26.3	21.3	80.7	0.0	0.0	0.0	7.0
9	19.0	25.4	20.8	77.3	.6	0.0	.6	1.1
10	16.0	26.3	20.6	82.3	0.0	5.6	5.6	6.4
11	17.1	26.2	20.5	80.0	0.0	0.0	0.0	6.8
12	17.9	25.3	20.6	80.7	.1	19.7	19.8	5.6
13	16.0	26.9	21.0	82.0	0.0	.2	.2	5.0
14	18.8	24.2	20.0	85.0	0.0	0.0	0.0	.5
15	18.0	24.7	20.6	84.7	0.0	2.5	2.5	2.1
16	17.9	23.2	20.1	83.7	0.0	1.2	1.2	.3
17	17.7	22.0	19.2	83.0	.3	0.0	.3	0.0
18	16.9	23.4	20.2	82.3	.6	.1	.7	2.6
19	17.2	24.5	20.0	82.0	0.0	10.7	10.7	2.0
20	17.1	24.6	19.7	81.3	0.0	21.0	21.0	1.3
21	16.9	25.0	20.3	80.7	38.0	13.1	51.1	1.8
22	16.7	22.3	19.4	85.0	0.0	22.0	22.0	1.5
23	15.5	24.4	20.2	82.0	.6	6.1	6.7	3.6
24	16.9	23.9	19.5	83.3	0.0	0.0	0.0	3.0
25	14.0	28.0	20.9	78.0	0.0	.6	.6	7.3
26	17.8	27.1	21.0	80.0	4.1	0.0	4.1	3.6
27	17.0	26.5	21.1	83.0	0.0	0.0	0.0	7.4
28	18.2	26.6	21.7	79.0	0.0	0.0	0.0	7.0
29	19.1	25.5	21.1	80.7	0.0	.3	.3	
30	18.6	23.2	19.6	85.7	0.0	39.5	39.5	2.1
31	17.8	25.0	20.7	81.3	12.5	6.1	18.6	4.3
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.4	25.4	20.5	81.5	56.8	168.7	225.5	

JUNIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	18.0	26.5	21.2	82.0	0.0	0.0	0.0	2.8
2	17.8	25.7	21.5	80.7	1.8	1.1	2.9	
3	18.4	26.1	21.0	83.3	0.0	0.0	0.0	
4	18.8	26.2	20.5	84.0	0.0	0.0	0.0	
5	18.0	25.0	20.4	82.7	0.0	0.0	0.0	
6	17.0	25.3	20.5	83.3	.8	0.0	.8	7.2
7	18.4	28.7	22.1	76.3	0.0	0.0	0.0	2.8
8	19.4	27.4	21.8	78.7	0.0	0.0	0.0	
9	17.8	27.2	21.6	82.7	0.0	0.0	0.0	
10	18.0	26.5	21.3	82.7	27.6	0.0	27.6	
11	16.1	25.7	21.2	84.0	0.0	.1	.1	4.4
12	18.4	26.5	21.9	80.7	0.0	0.0	0.0	2.6
13	19.4	25.2	21.0	84.7	1.1	.2	1.3	4.1
14	18.2	25.8	20.1	81.3	0.0	33.7	33.7	4.5
15	18.0	24.8	20.1	85.3	.7	0.0	.7	.3
16	17.2	23.5	20.0	81.3	18.7	3.3	22.0	3.9
17	17.8	26.0	20.4	82.0	0.0	0.0	0.0	5.8
18	18.0	28.4	21.8	78.3	0.0	13.7	13.7	3.9
19	17.8	24.4	20.6	81.3	0.0	0.0	0.0	6.1
20	15.4	25.0	20.3	83.7	.1	0.0	.1	.7
21	18.1	24.0	20.1	82.3	0.0	0.0	0.0	1.1
22	16.9	23.2	20.0	84.3	0.0	0.0	0.0	4.4
23	17.8	25.7	20.0	79.0	.1	15.3	15.4	7.0
24	16.0	25.5	20.5	78.7	0.0	1.3	1.3	5.2
25	16.8	26.4	20.0	84.0	.2	1.9	2.1	3.8
26	16.9	24.2	19.6	85.3	1.5	0.0	1.5	5.4
27	16.8	25.0	19.5	81.3	.1	1.7	1.8	2.5
28	17.6	25.8	19.9	84.0	10.7	0.0	10.7	.4
29	17.8	23.2	19.8	85.3	0.0	0.0	0.0	3.8
30	15.8	23.8	19.8	86.3	.1	0.0	.1	1.4
31								
	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL PROMEDIO	17.6	25.6	20.6	82.3	63.5	72.3	135.8	

ESTACION: JULIO FERNANDEZ

DPTO: VALLE

LATITUD : 03° 48'N

LONGITUD: 76° 32'W

AÑO: 1991

MPIO: RESTREPO

ALTITUD : 1360 m.

JULIO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.2	23.6	19.5	85.3	2.3	0.0	2.3	7.6
2	14.9	27.6	20.5	79.7	0.0	0.0	0.0	5.5
3	15.5	26.1	20.5	81.7	0.0	0.0	0.0	.2
4	17.5	23.8	19.8	85.3	0.0	.2	.2	1.6
5	17.8	23.0	19.5	84.3	0.0	0.0	0.0	4.6
6	16.4	25.4	19.7	80.3	0.0	0.0	0.0	3.5
7	16.8	25.9	20.3	81.0	21.1	0.0	21.1	5.2
8	17.8	25.0	20.0	82.7	.1	0.0	.1	6.4
9	16.7	27.9	21.0	79.3	0.0	.5	.5	3.2
10	17.8	25.5	20.6	82.3	2.0	0.0	2.0	
11	17.5	25.3	20.2	83.0	1.5	0.0	1.5	4.5
12	17.2	24.0	19.6	83.0	.2	.1	.3	1.8
13	15.9	26.9	19.3	86.0	0.0	0.0	0.0	5.6
14	16.0	26.2	21.0	78.0	0.0	0.0	0.0	6.9
15	18.8	25.9	20.7	79.7	0.0	0.0	0.0	4.7
16	18.0	26.0	20.8	83.0	5.1	0.0	5.1	6.2
17	17.4	25.5	20.1	83.0	0.0	0.0	0.0	5.7
18	15.2	25.8	20.3	82.0	0.0	1.8	1.8	6.2
19	16.9	26.7	20.9	78.3	0.0	0.0	0.0	8.3
20	17.8	24.2	20.4	80.0	0.0	0.0	0.0	0.0
21	18.2	24.8	20.4	82.0	0.0	0.0	0.0	7.3
22	16.8	28.0	20.6	83.0	0.0	0.0	0.0	6.7
23	18.0	26.4	20.9	79.0	0.0	0.0	0.0	.5
24	18.1	24.0	20.1	84.7	.2	0.0	.2	.5
25	17.6	27.6	20.5	79.3	0.0	0.0	0.0	5.3
26	17.8	25.1	20.7	79.3	0.0	0.0	0.0	1.5
27	18.0	23.2	20.0	82.7	2.8	0.0	2.8	.9
28	17.5	24.3	20.3	80.7	0.0	0.0	0.0	5.7
29	17.6	24.1	19.9	83.3	0.0	0.0	0.0	3.6
30	16.4	23.2	18.8	85.7	.6	21.8	22.4	.9
31	16.0	21.7	18.3	84.3	1.0	.9	1.9	.4
TOTAL PROMEDIO	17.1	25.2	20.1	82.0	36.9	25.3	62.2	

AGOSTO	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	16.0	24.3	19.1	80.7	.1	0.0	.1	1.3
2	13.6	26.2	19.5	81.3	.2	0.0	.2	4.9
3	15.5	27.9	20.8	73.3	0.0	0.0	0.0	7.2
4	14.1	26.0	20.0	77.0	0.0	0.0	0.0	8.8
5	17.1	24.0	19.5	81.7	0.0	0.0	0.0	.4
6	16.0	25.4	19.8	81.0	1.1	0.0	1.1	4.1
7	17.4	24.2	19.5	86.7	2.0	2.1	4.1	6.4
8	16.6	23.9	19.3	78.3	0.0	10.3	10.3	8.6
9	15.8	23.6	18.9	78.0	0.0	0.0	0.0	2.8
10	15.0	27.4	20.1	77.0	0.0	0.0	0.0	5.9
11	17.0	27.1	21.0	77.0	0.0	0.0	0.0	6.0
12	16.0	24.8	19.7	78.0	0.0	0.0	0.0	4.4
13	13.8	28.5	20.9	72.0	0.0	0.0	0.0	7.7
14	16.9	26.8	21.0	74.0	0.0	0.0	0.0	3.8
15	16.8	25.7	20.2	76.7	0.0	0.0	0.0	5.1
16	16.6	26.0	20.1	79.3	0.0	0.0	0.0	2.6
17	15.5	25.2	19.6	83.3	0.0	0.0	0.0	2.1
18	14.1	25.8	19.6	81.3	4.4	0.0	4.4	6.8
19	15.6	26.6	20.5	76.0	0.0	0.0	0.0	5.2
20	14.0	27.5	20.4	76.0	0.0	0.0	0.0	6.6
21	17.8	27.0	20.4	80.3	0.0	0.0	0.0	5.5
22	14.8	25.3	19.9	80.0	0.0	0.0	0.0	2.4
23	14.2	27.2	20.3	80.0	0.0	0.0	0.0	5.3
24	18.0	26.2	20.4	79.7	0.0	0.0	0.0	4.3
25	15.7	28.0	20.9	76.3	.1	0.0	.1	7.8
26	18.2	27.5	21.5	78.3	0.0	0.0	0.0	8.4
27	15.7	27.1	20.5	77.3	0.0	0.0	0.0	5.9
28	18.0	27.3	20.7	80.0	.2	0.0	.2	5.9
29	15.6	27.8	20.9	75.3	0.0	0.0	0.0	8.0
30	18.1	24.3	20.0	82.7	.6	0.0	.6	2.8
31	17.0	26.4	19.8	82.0	0.0	0.0	0.0	5.3
TOTAL PROMEDIO	16.0	26.2	20.1	78.7	8.7	12.4	21.1	162.3

ESTACION: JULIO FERNANDEZ

DPTO: VALLE

LATITUD : 03° 48'N

AÑO: 1991

MPIO: RESTREPO

LONGITUD: 76° 32'W

ALTITUD : 1360 m.

SEPTIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	15.2	25.2	20.4	76.0	0.0	0.0	0.0	2.1
2	15.0	28.5	20.9	77.7	0.0	0.0	0.0	1.0
3	18.0	25.5	20.4	77.7	0.0	0.0	0.0	8.7
4	15.2	28.6	20.5	78.0	0.0	0.0	0.0	7.6
5	18.2	27.0	21.4	75.7	0.0	0.0	0.0	8.6
6	17.2	27.3	20.6	77.0	0.0	0.0	0.0	3.4
7	15.6	26.8	20.3	78.0	0.0	10.1	10.1	5.2
8	15.7	27.8	20.5	76.3	.6	0.0	.6	7.9
9	17.5	27.0	21.3	78.0	0.0	0.0	0.0	7.1
10	17.1	27.9	21.7	75.0	0.0	0.0	0.0	4.5
11	16.5	28.0	20.9	75.3	0.0	0.0	0.0	7.3
12	17.0	28.2	21.8	71.7	0.0	0.0	0.0	8.7
13	16.9	26.9	21.0	77.0	0.0	0.0	0.0	6.6
14	17.6	25.9	20.3	80.3	0.0	0.0	0.0	5.8
15	17.4	25.2	20.0	79.0	2.0	9.6	11.6	3.0
16	16.3	23.5	19.1	81.3	.8	0.0	.8	1.5
17	16.8	25.9	19.8	79.3	1.5	10.9	12.4	4.3
18	16.4	24.4	19.7	81.0	0.0	0.0	0.0	3.9
19	15.5	25.2	20.1	79.3	0.0	0.0	0.0	4.1
20	17.1	20.2	18.5	89.0	2.1	2.1	4.2	0.0
21	15.7	25.7	19.3	79.3	1.5	9.6	11.1	4.0
22	16.8	23.8	19.5	76.3	.5	23.8	24.3	4.3
23	15.1	25.6	19.6	79.3	0.0	6.2	6.2	3.2
24	17.0	24.1	19.0	82.3	.2	0.0	.2	3.1
25	16.8	24.4	18.8	88.7	5.1	0.0	5.1	1.6
26	15.6	26.0	20.3	80.0	0.0	0.0	0.0	4.3
27	17.8	25.0	19.8	82.3	0.0	0.0	0.0	3.1
28	17.3	25.8	20.2	80.7	0.0	15.8	15.8	7.1
29	16.8	24.8	19.5	82.3	2.7	0.0	2.7	4.8
30	17.0	25.4	20.0	82.0	0.0	0.0	0.0	6.1
31								
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.6	25.9	20.2	79.2	17.0	88.1	105.1	142.9

OCTUBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	23.4	19.0	81.3	0.0	0.0	0.0	3.3
2	14.7	25.0	18.5	85.7	2.0	0.0	2.0	5.1
3	16.1	25.7	20.0	79.3	0.0	.1	.1	4.0
4	17.0	25.5	19.3	78.0	0.0	0.0	0.0	7.6
5	13.8	25.4	19.9	79.3	0.0	.4	.4	7.1
6	16.1	26.0	19.8	78.0	.8	0.0	.8	3.6
7	17.0	24.1	19.3	83.3	2.7	0.0	2.7	5.0
8	14.0	25.5	19.0	77.3	0.0	0.0	0.0	.9
9	16.0	25.1	18.9	83.0	3.9	.5	4.4	2.7
10	16.2	26.2	20.0	77.3	0.0	14.0	14.0	4.1
11	15.3	24.9	19.7	79.7	.5	0.0	.5	4.9
12	14.2	26.1	20.0	76.0	0.0	0.0	0.0	9.2
13	17.9	26.2	19.9	76.0	0.0	0.0	0.0	4.6
14	16.8	26.0	20.5	79.3	0.0	0.0	0.0	5.4
15	15.7	24.2	18.6	78.7	0.0	0.0	0.0	6.1
16	14.7	26.8	19.8	80.3	0.0	.1	.1	8.1
17	17.8	26.2	20.2	81.3	.2	3.2	3.4	5.4
18	17.2	24.8	19.0	80.0	0.0	0.0	0.0	1.9
19	14.4	24.7	19.6	81.3	.1	0.0	.1	4.0
20	15.8	28.0	20.9	73.7	0.0	0.0	0.0	8.1
21	15.1	26.8	20.3	76.0	0.0	0.0	0.0	4.4
22	17.1	27.1	20.2	80.3	0.0	0.0	0.0	8.9
23	17.9	26.5	20.4	78.0	.7	0.0	.7	6.7
24	17.0	24.9	20.2	79.3	0.0	0.0	0.0	.6
25	17.8	25.0	20.1	78.7	0.0	2.7	2.7	5.7
26	16.2	25.2	19.9	81.3	0.0	6.4	6.4	6.6
27	16.0	25.8	19.8	78.0	0.0	0.0	0.0	4.8
28	17.0	23.4	18.7	89.7	11.8	0.0	11.8	3.7
29	13.7	25.2	19.0	78.3	0.0	18.9	18.9	7.1
30	16.9	26.2	20.1	78.7	0.0	0.0	0.0	3.5
31	17.6	22.0	17.8	85.0	1.1	0.0	1.1	0.0
TOTAL	====	====	====	====	=====	=====	=====	=====
PROMEDIO	16.2	25.4	19.6	79.8	23.8	46.3	70.1	153.1

ESTACION: JULIO FERNANDEZ

DPTO: VALLE

LATITUD : 03° 48'N

AÑO: 1991

MPIO: RESTREPO

LONGITUD: 76° 32'W

ALTITUD : 1360 m.

NOVIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	14.1	26.8	19.9	78.0	0.0	.2	.2	4.4
2	17.2	24.2	19.2	82.7	.4	0.0	.4	4.5
3	15.6	25.0	19.9	77.0	0.0	2.0	2.0	6.4
4	16.9	23.5	19.6	82.3	2.7	0.0	2.7	4.3
5	14.4	25.1	19.3	82.0	.4	0.0	.4	4.6
6	18.0	23.4	18.8	90.7	.5	0.0	.5	2.0
7	16.2	25.5	19.8	79.3	0.0	0.0	0.0	3.4
8	17.1	24.0	19.9	78.0	0.0	0.0	0.0	1.6
9	15.1	22.7	18.6	87.0	0.0	0.0	0.0	.7
10	16.4	25.0	19.2	81.0	0.0	0.0	0.0	1.5
11	17.0	26.0	19.9	79.7	0.0	0.0	0.0	7.0
12	15.8	25.9	19.8	80.3	0.0	0.0	0.0	5.0
13	16.7	24.0	19.5	80.3	0.0	.3	.3	2.6
14	16.8	24.1	19.2	79.7	0.0	0.0	0.0	4.7
15	16.7	23.5	19.0	72.3	0.0	.1	.1	2.0
16	14.1	25.9	19.6	75.3	0.0	0.0	0.0	9.4
17	15.9	25.6	19.5	74.7	0.0	0.0	0.0	4.6
18	15.5	26.2	19.8	78.7	0.0	.6	.6	4.8
19	17.2	25.4	20.3	79.7	0.0	0.0	0.0	7.2
20	16.0	25.3	19.7	84.7	0.0	1.1	1.1	5.8
21	16.9	25.9	20.2	80.0	.2	.3	.5	2.0
22	15.6	26.2	20.4	78.7	0.0	0.0	0.0	4.8
23	18.0	25.0	20.2	80.0	0.0	0.0	0.0	3.3
24	17.8	26.4	19.2	88.0	0.0	1.0	1.0	.4
25	17.0	21.4	18.1	87.0	0.0	0.0	0.0	4.2
26	15.4	26.5	20.2	78.0	0.0	0.0	0.0	3.2
27	17.0	26.4	20.4	80.7	0.0	3.8	3.8	5.7
28	17.9	24.2	19.3	83.3	.6	0.0	.6	.2
29	17.6	23.8	19.3	83.3	0.0	1.6	1.6	0.0
30	15.0	26.5	20.6	78.0	0.0	0.0	0.0	5.3
31	====	====	====	====	=====	=====	=====	=====
TOTAL PROMEDIO	16.4	25.0	19.6	80.7	4.8	11.0	15.8	115.6

DICIEMBRE	TEMPERATURA °C			HUM. REL. (%)	PRECIPITACION mm.			BRILLO SOL. (h)
	MIN.	MAX.	MED.		DIA	NOCHE	TOTAL	
1	17.8	25.0	20.1	81.3	0.0	2.0	2.0	5.9
2	17.7	23.2	19.0	89.3	.1	0.0	.1	1.1
3	17.4	25.7	20.1	79.3	4.6	0.0	4.6	2.9
4	15.8	26.2	20.4	78.3	0.0	1.2	1.2	5.2
5	17.2	23.0	19.0	81.7	2.7	0.0	2.7	.3
6	15.4	25.9	19.8	81.3	0.0	0.0	0.0	5.4
7	17.0	25.3	20.3	80.7	0.0	0.0	0.0	7.9
8	17.8	24.8	19.9	84.0	3.6	0.0	3.6	5.4
9	18.0	24.9	19.7	83.0	12.6	1.0	13.6	.6
10	17.0	26.2	20.2	80.0	.1	.7	.8	5.4
11	16.9	25.4	20.5	81.0	0.0	0.0	0.0	6.5
12	17.6	26.8	21.0	80.7	0.0	3.2	3.2	5.7
13	17.8	25.7	20.5	81.3	0.0	5.7	5.7	4.2
14	17.6	24.8	20.0	78.3	.2	0.0	.2	1.9
15	17.2	22.1	18.7	84.0	0.0	0.0	0.0	3.6
16	17.0	24.6	19.8	77.7	0.0	1.1	1.1	.3
17	16.8	22.4	18.7	83.7	.7	0.0	.7	6.1
18	16.5	25.1	19.9	80.7	0.0	0.0	0.0	7.0
19	15.8	26.7	20.1	81.7	0.0	.3	.3	4.2
20	16.8	26.5	20.1	72.7	0.0	0.0	0.0	6.6
21	13.0	25.5	19.5	80.3	0.0	0.0	0.0	8.1
22	17.0	25.4	20.4	79.3	0.0	0.0	0.0	5.8
23	16.3	26.0	19.7	81.0	0.0	0.0	0.0	4.1
24	17.8	25.2	20.3	77.7	0.0	0.0	0.0	6.6
25	18.0	26.5	20.7	78.7	0.0	0.0	0.0	7.7
26	17.0	25.9	20.2	81.3	0.0	0.0	0.0	7.8
27	16.8	26.2	19.9	81.3	0.0	0.0	0.0	5.6
28	16.7	25.6	20.0	83.3	0.0	4.1	4.1	3.5
29	17.0	25.3	20.1	81.3	0.0	1.5	1.5	8.0
30	16.9	24.7	19.8	82.7	0.0	0.0	0.0	.5
31	17.0	26.0	20.3	78.7	0.0	0.0	0.0	7.9
	====	====	====	====	=====	=====	=====	=====
TOTAL PROMEDIO	16.9	25.2	19.9	80.8	24.6	20.8	45.4	151.8

Estación: JULIO FERNANDEZ

Dpto.: VALLE

Latitud : 03° 48'N

Año: 1991

Mpio.: RESTREPO

Longitud: 76° 32'W

Altitud : 1360 m.

MES	TEMPERATURA °C					PRECIPITACION			
	Mín. Med.	Máx. Med.	Med.	Mín. Abs.	Máx. Abs.	Hum. Rel. (%)	Total mm.	Días Lluvia	Brillo Sol. (h)
ENERO	17.1	26.0	20.4	15.1	28.0	80.0	13.8	8	
FEBRERO	17.8	26.5	20.8	14.8	29.0	79.1	33.0	8	138.7
MARZO	16.9	26.0	20.4	13.5	28.1	80.2	139.5	16	125.7
ABRIL	16.8	25.8	20.4	14.9	27.4	79.8	139.2	15	148.0
MAYO	17.4	25.4	20.5	14.0	28.0	81.5	225.5	21	
JUNIO	17.6	25.6	20.6	15.4	28.7	82.3	135.8	17	
JULIO	17.1	25.2	20.1	14.9	28.0	82.0	62.2	14	
AGOSTO	16.0	26.2	20.1	13.6	28.5	78.7	21.1	9	162.3
SEPTIEMBRE	16.6	25.9	20.2	15.0	28.6	79.2	105.1	13	142.9
OCTUBRE	16.2	25.4	19.6	13.7	28.0	79.8	70.1	17	153.1
NOVIEMBRE	16.4	25.0	19.6	14.1	26.8	80.7	15.8	15	115.6
DICIEMBRE	16.9	25.2	19.9	13.0	26.8	80.8	45.4	16	151.8
PROMEDIO	16.9	25.7	20.2			80.3			
ABSOLUTA				13.0	29.0				
TOTAL							1006.5	169	

ESTACION: LA MAQUINA

DPTO: ANTIOQUIA

LATITUD : 06° 04'N

LONGITUD: 75° 12'W

AÑO: 1991

MPIO: COCORNA

ALTITUD : 1230 m.

DIA	ENERO			FEBRERO			MARZO					
	Precipitación mm.	Brillo		Precipitación mm.	Brillo		Precipitación mm.	Brillo				
	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

TOTAL

DIA	ABRIL			MAYO			JUNIO					
	Precipitación mm.	Brillo		Precipitación mm.	Brillo		Precipitación mm.	Brillo				
	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)	Día	Noche	Total	Sol.(h)
1												
2												
3												
4									0.0	9.5	9.5	
5									0.0	17.1	17.1	
6									32.9	15.1	48.0	
7									0.0	0.0	0.0	
8									0.0	0.0	0.0	
9									0.0	0.0	0.0	
10									0.0	0.0	0.0	
11									0.0	0.0	0.0	
12									0.0	0.0	0.0	
13									0.0	.9	.9	
14									0.0	6.8	6.8	
15									0.0	42.4	42.4	
16									0.0	21.0	21.0	
17									0.0	16.6	16.6	
18									.9	0.0	.9	
19									0.0	11.4	11.4	
20									0.0	44.5	44.5	
21									.1	0.0	.1	
22									0.0	67.7	67.7	
23									.4	38.7	39.1	
24									.3	14.7	15.0	
25									0.0	42.5	42.5	
26									.7	20.8	21.5	
27									2.2	1.8	4.0	
28									0.0	.8	.8	
29									16.3	0.0	16.3	
30									0.0	0.0	0.0	
31												

TOTAL

ESTACION: LA MAQUINA

DPTO: ANTIOQUIA

LATITUD : 06° 04'N

AÑO: 1991

MPIO: COCORNA

LONGITUD: 75° 12'W

ALTITUD : 1230 m.

DIA	JULIO				AGOSTO				SEPTIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	1.5	1.5	.4	.2	.6	0.0	0.0	0.0	2.5		
2	0.0	.3	.3	0.0	16.2	16.2	0.0	0.0	0.0	8.4		
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.5	.5	7.0		
4	0.0	4.9	4.9	0.0	.3	.3	0.0	2.7	2.7	8.5		
5	.9	33.4	34.3	0.0	0.0	0.0	0.0	1.8	1.8	8.3		
6	.1	56.4	56.5	0.0	.7	.7	24.8	13.8	38.6	.5		
7	0.0	0.0	0.0	11.0	1.6	12.6	9.6	28.1	37.7	6.7		
8	0.0	58.4	58.4	0.0	8.2	8.2	0.0	20.6	20.6	8.6		
9	19.4	0.0	19.4	0.0	35.0	35.0	0.0	.5	.5	9.4		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0		
11	0.0	.4	.4	0.0	0.0	0.0	0.0	0.0	0.0	9.7		
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5		
14	0.0	0.0	0.0	0.0	0.0	0.0	1.3	26.1	27.4	6.7		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	14.5	6.9		
16	0.0	0.0	0.0	0.0	0.0	0.0	12.9	6.3	19.2	4.5		
17	0.0	0.0	0.0	0.0	0.0	0.0	.1	16.4	16.5	3.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	15.1	7.5		
19	0.0	7.8	7.8	0.0	0.0	0.0	0.0	24.1	24.1	2.8		
20	0.0	.4	.4	0.0	0.0	0.0	.2	46.9	47.1	1.6		
21	0.0	0.0	0.0	0.0	0.0	0.0	.7	44.5	45.2	4.1		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.9	48.9	4.9		
23	0.0	0.0	0.0	0.0	0.0	0.0	6.3	8.2	8.2	5.9		
24	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	5.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	10.1	24.1	24.8	48.9	5.2	
26	0.0	0.0	0.0	0.0	0.0	0.0	10.2	2.0	0.0	2.0	5.6	
27	0.0	1.7	1.7	0.0	5.3	5.3	6.3	0.0	5.4	5.4	4.8	
28	0.0	1.5	1.5	0.0	0.0	0.0	7.2	4.2	16.3	20.5	8.5	
29	.9	35.9	36.8	0.0	0.0	0.0	10.3	.1	8.3	8.4	7.6	
30	2.6	17.5	20.1	0.0	0.0	0.0	5.9	0.0	43.4	43.4	6.9	
31	0.0	27.2	27.2	0.0	29.0	29.0	9.1					
TOTAL	23.9	247.3	271.2	11.4	96.5	107.9		80.0	417.2	497.2	185.0	

DIA	OCTUBRE				NOVIEMBRE				DICIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	53.7	53.7	4.6	0.0	66.0	66.0	4.3	0.0	12.6	12.6	7.6
2	8.2	31.6	39.8	6.4	0.0	30.8	30.8	6.0	0.0	8.8	8.8	6.1
3	0.0	1.6	1.6	8.6	1.9	5.8	7.7	7.5	2.1	0.0	2.1	2.8
4	2.1	4.2	6.3	8.0	3.8	.4	4.2	4.1	0.0	23.0	23.0	4.5
5	.8	12.2	13.0	7.3	.2	31.2	31.4	6.1	0.0	0.0	0.0	3.3
6	.1	14.1	14.2	5.9	0.0	7.8	7.8	4.0	0.0	24.9	24.9	3.6
7	28.9	8.8	37.7	5.2	.2	.1	.3	5.3	.2	4.3	4.5	6.3
8	2.1	16.1	18.2	4.0	.1	4.5	4.6	2.4	0.0	23.6	23.6	6.4
9	1.6	0.0	1.6	4.0	.4	0.0	.4	.2	31.2	4.0	35.2	2.0
10	4.2	5.9	10.1	4.1	.3	0.0	.3	.1	0.0	1.3	1.3	6.0
11	0.0	12.2	12.2	9.5	0.0	0.0	0.0	7.2	0.0	.9	.9	5.4
12	0.0	7.0	7.0	8.6	0.0	.2	.2	8.0	.3	5.9	6.2	4.1
13	1.5	7.1	8.6	8.8	1.6	0.0	1.6	1.5	0.0	6.1	6.1	4.7
14	0.0	0.0	0.0	6.0	16.2	3.5	19.7	3.6	3.6	.2	3.8	1.5
15	0.0	0.0	0.0	5.3	5.1	9.0	14.1	3.0	.4	8.6	9.0	.1
16	2.3	0.0	2.3	6.1	0.0	2.4	2.4	8.3	0.0	5.1	5.1	.5
17	0.0	36.4	36.4	4.4	6.9	1.6	8.5	7.5	0.0	.5	.5	.4
18	0.0	0.0	0.0	1.1	0.0	4.2	4.2	7.9	.2	0.0	.2	4.7
19	0.0	0.0	0.0	8.4	0.0	16.7	16.7	5.1	.5	0.0	.5	6.2
20	0.0	0.0	0.0	10.1	0.0	5.4	5.4	8.0	0.0	.7	.7	8.8
21	0.0	0.0	0.0	9.7	0.0	0.0	0.0	6.2	0.0	3.2	3.2	7.2
22	0.0	0.0	0.0	9.6	0.0	16.7	16.7	7.9	3.6	1.3	4.9	.3
23	0.0	0.0	0.0	8.7	0.0	.9	.9	2.8	0.0	0.0	0.0	4.2
24	0.0	1.6	1.6	3.0	.1	3.1	3.2	5.5	0.0	0.0	0.0	8.8
25	0.0	8.4	8.4	7.9	0.0	16.0	16.0	0.0	0.0	9.8	9.8	5.0
26	0.0	17.3	17.3	7.9	1.2	.8	2.0	1.7	0.0	4.9	4.9	6.3
27	0.0	21.3	21.3	5.5	0.0	25.6	25.6	3.5	0.0	.9	.9	6.2
28	25.5	15.1	40.6	6.3	0.0	36.1	36.1	5.4	1.0	11.4	12.4	3.7
29	3.0	34.8	37.8	8.0	.7	.1	.8	3.0	0.0	49.3	49.3	5.0
30	0.0	2.7	2.7	2.9	0.0	3.7	3.7	5.0	7.7	1.1	8.8	4.8
31	0.0	22.8	22.8	6.6					.2	0.0	.2	6.6
TOTAL	80.3	334.9	415.2	202.5	38.7	292.6	331.3	141.1	51.0	212.4	263.4	143.1

ESTACION: EL TAMBOC

DPTO: CALDAS

LATITUD : 05° 24'N

AÑO: 1991

MPIO: VICTORIA

LONGITUD: 74° 54'W

ALTITUD : 850 m.

DIA	ENERO				FEBRERO				MARZO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	101.0	101.0	4.8	0.0	0.0	0.0	7.4	0.0	0.0	0.0	4.8
2	0.0	4.0	4.0	3.4	0.0	0.0	0.0	8.4	48.9	1.0	49.9	1.5
3	4.2	.2	4.4	8.7	0.0	1.1	1.1	5.2	15.9	0.0	15.9	1.3
4	.8	1.0	1.8	9.4	2.8	0.0	2.8	2.2	4.0	20.1	24.1	2.5
5	0.0	0.0	0.0	8.7	0.0	.6	.6	4.8	23.7	2.5	26.2	1.9
6	6.6	3.0	9.6	8.4	0.0	.3	.3	3.8	7.7	18.6	26.3	3.7
7	0.0	0.0	0.0	9.7	0.0	0.0	0.0	1.8	24.3	0.0	24.3	1.6
8	0.0	0.0	0.0	8.9	3.0	0.0	3.0	.5	0.0	0.0	0.0	2.1
9	0.0	0.0	0.0	8.8	0.0	0.0	0.0	6.0	5.8	7.0	12.8	.7
10	0.0	0.0	0.0	9.8	0.0	0.0	0.0	6.3	0.0	0.0	0.0	1.8
11	0.0	0.0	0.0	8.1	0.0	0.0	0.0	4.0	0.0	0.0	0.0	2.9
12	1.3	0.0	1.3	6.9	13.9	0.0	13.9	3.0	1.4	0.0	1.4	2.3
13	0.0	0.0	0.0	6.3	0.0	1.3	1.3	7.4	0.0	0.0	0.0	5.6
14	0.0	0.0	0.0	6.7	.1	0.0	.1	5.9	3.0	0.0	3.0	3.0
15	.3	0.0	.3	7.3	0.0	94.7	94.7	7.0	0.0	0.0	0.0	5.1
16	0.0	.8	.8	7.6	0.0	0.0	0.0	2.7	0.0	28.0	28.0	3.5
17	2.4	0.0	2.4	4.8	0.0	69.5	69.5	7.7	0.0	0.0	0.0	5.4
18	0.0	0.0	0.0	7.5	0.0	4.0	4.0	5.6	0.0	0.0	0.0	6.6
19	0.0	.4	.4	8.7	0.0	0.0	0.0	6.7	0.0	0.0	0.0	5.5
20	0.0	0.0	0.0	4.9	0.0	37.4	37.4	7.7	0.0	0.0	0.0	5.9
21	0.0	0.0	0.0	6.2	0.0	0.0	0.0	4.1	0.0	0.0	0.0	6.9
22	0.0	0.0	0.0	5.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	4.0
23	0.0	0.0	0.0	7.9	0.0	0.0	0.0	6.2	0.0	3.4	3.4	
24	0.0	0.0	0.0	9.5	0.0	0.0	0.0	4.6	0.0	.2	.2	
25	0.0	0.0	0.0	6.6	0.0	0.0	0.0	7.8	0.0	0.0	0.0	4.4
26	0.0	0.0	0.0	5.6	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	7.7	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	4.8	0.0	0.0	0.0	2.3	0.0	0.0	0.0	1.1
29	0.0	0.0	0.0	4.9					0.0	0.0	0.0	8.2
30	0.0	10.6	10.6	5.5					0.0	0.0	0.0	2.7
31	0.0	0.0	0.0	4.1					.4	7.1	7.5	2.2
TOTAL	15.6	121.0	136.6	217.2	19.8	208.9	228.7	149.4	135.1	87.9	223.0	

DIA	ABRIL				MAYO				JUNIO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	0.0	0.0	2.0	0.0	2.2	2.2	8.9	0.0	19.7	19.7	3.6
2	0.0	0.0	0.0	1.8	0.0	2.0	2.0	4.8	0.0	31.0	31.0	6.4
3	0.0	29.9	29.9	8.3	0.0	27.4	27.4	6.1	0.0	1.6	1.6	3.6
4	0.0	16.4	16.4	5.5	0.0	84.5	84.5	5.5	0.0	.3	.3	8.3
5	0.0	56.9	56.9	8.2	1.3	0.0	1.3	2.1	0.0	.1	.1	8.2
6	0.0	0.0	0.0	5.5	0.0	0.0	0.0	8.9	.2	0.0	.2	4.1
7	0.0	9.0	9.0	8.3	0.0	0.0	0.0	3.6	0.0	0.0	0.0	9.5
8	0.0	9.8	9.8	7.9	0.0	0.0	0.0	9.7	0.0	0.0	0.0	6.7
9	0.0	2.1	2.1	4.2	.7	0.0	.7	3.3	0.0	0.0	0.0	10.6
10	0.0	0.0	0.0	6.7	0.0	22.1	22.1	8.1	0.0	0.0	0.0	6.3
11	0.0	5.9	5.9	5.0	0.0	29.9	29.9	8.0	0.0	0.0	0.0	9.4
12	0.0	67.8	67.8	4.8	.4	0.0	.4	2.0	0.0	0.0	0.0	4.9
13	.4	.2	.6	2.6	0.0	0.0	0.0	6.2	0.0	0.0	0.0	9.1
14	.8	9.0	9.8	4.9	0.0	0.0	0.0	2.2	0.0	.1	.1	
15	24.9	0.0	24.9	4.6	0.0	0.0	0.0	4.3	0.0	3.2	3.2	2.2
16	0.0	45.1	45.1	9.5	1.8	.7	2.5	3.1	.1	.5	.6	5.8
17	0.0	50.4	50.4	6.0	11.8	54.0	65.8	.1	13.7	1.8	15.5	2.2
18	0.0	.3	.3	7.7	1.0	66.8	67.8	3.9	0.0	0.0	0.0	6.4
19	4.2	0.0	4.2	2.9	0.0	1.2	1.2	3.0	0.0	0.0	0.0	4.6
20	0.0	0.0	0.0	7.3	0.0	0.0	0.0	1.5	6.4	14.7	21.1	8.5
21	0.0	0.0	0.0	10.0	10.5	0.0	10.5	.2	15.3	0.0	15.3	3.7
22	0.0	0.0	0.0	5.9	.2	0.0	.2	.9	0.0	124.6	124.6	2.8
23	0.0	.1	.1	6.2	0.0	8.9	8.9	6.2	11.7	1.8	13.5	6.8
24	0.0	0.0	0.0	9.8	.4	0.0	.4	5.3	0.0	0.0	0.0	9.8
25	0.0	0.0	0.0	10.2	0.0	0.0	0.0	4.7	0.0	0.0	0.0	5.4
26	0.0	0.0	0.0	3.5	0.0	11.0	11.0	4.7	0.0	5.6	5.6	8.8
27	.1	38.2	38.3	7.3	0.0	0.0	0.0	2.6	.5	1.8	2.3	1.3
28	0.0	3.4	3.4	7.2	.4	0.0	.4	9.9	0.0	27.0	27.0	5.6
29	0.0	.3	.3	9.0	0.0	0.0	0.0	8.3	20.4	0.0	20.4	.7
30	0.0	22.1	22.1	8.3	0.0	36.6	36.6	4.5	0.0	0.0	0.0	2.9
31					12.3	5.7	18.0	2.8				
TOTAL	30.4	366.9	397.3	191.1	40.8	353.0	393.8	145.4	68.3	233.8	302.1	

ESTACION: EL TAMBOR

DPTO: CALDAS

LATITUD : 05° 24'N

AÑO: 1991

MPIO: VICTORIA

LONGITUD: 74° 54'W
ALTITUD : 850 m.

DIA	JULIO				AGOSTO				SEPTIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
Día	Noche	Total			Día	Noche	Total			Día	Noche	
1	0.0	0.0	0.0	7.5	1.3	.2	1.5	3.1	0.0	0.0	0.0	3.8
2	0.0	.1	.1	9.7	.3	0.0	.3	6.8	0.0	0.0	0.0	9.3
3	0.0	0.0	0.0	7.5	0.0	0.0	0.0	9.1	0.0	18.5	18.5	8.4
4	0.0	1.4	1.4	3.5	0.0	0.0	0.0	7.2	0.0	0.0	0.0	7.8
5	0.0	2.0	2.0	5.9	0.0	0.0	0.0	1.7	0.0	.1	.1	8.5
6	0.0	7.7	7.7	7.3	0.0	0.0	0.0	3.7	0.0	0.0	0.0	2.2
7	.8	0.0	.8	5.4	0.0	1.1	1.1	7.6	0.0	0.0	0.0	6.9
8	0.0	2.1	2.1	8.9	0.0	71.3	71.3	8.8	0.0	.4	.4	9.0
9	0.0	0.0	0.0	2.4	0.0	6.8	6.8		0.0	0.0	0.0	9.7
10	0.0	0.0	0.0	7.8	0.0	0.0	0.0		0.0	0.0	0.0	9.2
11	0.0	0.0	0.0	8.0	0.0	0.0	0.0		0.0	0.0	0.0	8.7
12	0.0	0.0	0.0	7.2	0.0	0.0	0.0		0.0	0.0	0.0	8.1
13	0.0	0.0	0.0	4.6	0.0	0.0	0.0	9.9	0.0	6.8	6.8	6.2
14	0.0	0.0	0.0	9.8	0.0	0.0	0.0	7.4	4.9	.1	5.0	5.9
15	0.0	0.0	0.0	7.5	0.0	0.0	0.0	10.0	0.0	15.8	15.8	
16	0.0	0.0	0.0	7.8	0.0	0.0	0.0	9.7	92.4	42.7	135.1	5.7
17	0.0	0.0	0.0	8.3	0.0	0.0	0.0	9.5	.1	7.6	7.7	2.6
18	0.0	0.0	0.0	7.9	0.0	0.0	0.0	8.2	0.0	18.0	18.0	9.4
19	0.0	0.0	0.0	9.9	0.0	0.0	0.0	9.0	0.0	18.9	18.9	5.8
20	0.0	0.0	0.0	7.7	0.0	0.0	0.0	9.9	0.0	12.2	12.2	1.4
21	0.0	0.0	0.0	7.7	0.0	0.0	0.0	9.2	0.0	0.0	0.0	1.2
22	0.0	0.0	0.0	8.3	0.0	0.0	0.0	9.6	0.0	14.6	14.6	5.4
23	0.0	0.0	0.0	6.3	0.0	0.0	0.0	1.0	0.0	66.0	66.0	7.8
24	0.0	0.0	0.0	1.7	0.0	0.0	0.0	8.0	.1	0.0	.1	6.4
25	0.0	0.0	0.0	6.5	0.0	0.0	0.0	8.7	.4	20.8	21.2	5.3
26	0.0	0.0	0.0	5.6	0.0	0.0	0.0	10.2	0.0	0.0	0.0	3.4
27	0.0	0.0	0.0	6.5	0.0	0.0	0.0	8.2	0.0	7.1	7.1	7.4
28	0.0	17.8	17.8	4.0	0.0	0.0	0.0	5.8	0.0	25.9	25.9	8.7
29	0.0	.7	.7	9.1	0.0	0.0	0.0	9.2	0.0	0.0	0.0	7.5
30	.3	3.8	4.1	1.4	0.0	0.0	0.0	3.7	2.6	.3	2.9	5.3
31	0.0	5.7	5.7	3.1	0.0	.4	.4	7.2				
TOTAL	1.1	41.3	42.4	204.8	1.6	79.8	81.4		100.5	275.8	376.3	

DIA	OCTUBRE				NOVIEMBRE				DICIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
Día	Noche	Total			Día	Noche	Total			Día	Noche	
1	0.0	2.6	2.6	6.5	0.0	0.0	0.0	6.3	0.0	.8	.8	7.2
2	0.0	21.4	21.4	6.6	0.0	161.7	161.7	4.7	0.0	.9	.9	5.5
3	.6	16.7	17.3	6.7	0.0	155.6	155.6	5.2	.2	0.0	.2	2.6
4	0.0	8.4	8.4	7.1	11.9	50.1	62.0	2.2	0.0	51.8	51.8	7.5
5	0.0	110.9	110.9	7.6	.8	18.5	19.3	5.1	0.0	.3	.3	.8
6	7.3	10.6	17.9	2.6	22.8	7.1	29.9	3.4	.5	0.0	.5	2.4
7	0.0	23.0	23.0	4.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	
8	1.3	2.0	3.3	2.4	0.0	95.0	95.0	3.5	0.0	58.4	58.4	
9	15.0	0.0	15.0	2.3	21.0	0.0	21.0	.8	0.0	11.8	11.8	4.4
10	.3	0.0	.3	4.8	.2	0.0	.2	1.9	0.0	1.8	1.8	4.7
11	0.0	.7	.7	7.2	0.0	6.9	6.9	7.1	0.0	0.0	0.0	5.4
12	0.0	8.9	8.9	8.7	0.0	1.6	1.6	5.6	0.0	.5	.5	4.2
13	0.0	10.8	10.8	9.5	0.0	98.4	98.4	3.2	6.7	6.0	12.7	4.0
14	0.0	.1	.1	6.7	2.8	25.3	28.1	2.4	.5	3.8	4.3	3.4
15	3.6	0.0	3.6	4.3	11.0	4.4	15.4	2.7	0.0	17.3	17.3	.1
16	0.0	13.8	13.8	6.6	0.0	3.1	3.1	5.8	0.0	23.7	23.7	2.3
17	0.0	8.0	8.0	6.4	0.0	.2	.2	5.2	1.8	0.0	1.8	
18	0.0	0.0	0.0	4.1	0.0	2.8	2.8	7.3	0.0	0.0	0.0	1.6
19	0.0	0.0	0.0	7.7	0.0	0.0	0.0	5.0	0.0	0.0	0.0	6.2
20	0.0	0.0	0.0	9.3	27.2	22.8	50.0	5.2	0.0	0.0	0.0	4.8
21	0.0	0.0	0.0	9.5	0.0	4.2	4.2	6.2	0.0	10.4	10.4	7.9
22	0.0	0.0	0.0	10.7	2.6	1.0	3.6	6.1	2.1	0.0	2.1	.1
23	0.0	0.0	0.0	9.0	0.0	12.8	12.8	3.5	0.0	0.0	0.0	3.8
24	0.0	0.0	0.0	5.8	0.0	1.2	1.2	4.1	0.0	0.0	0.0	5.6
25	0.0	.5	.5	5.7	.2	0.0	.2	2.9	0.0	0.0	0.0	5.3
26	0.0	1.0	1.0	6.6	0.0	0.0	0.0	2.1	0.0	0.0	0.0	6.1
27	.2	0.0	.2	6.4	0.0	39.4	39.4	2.7	0.0	10.4	10.4	6.1
28	0.0	0.0	0.0	6.7	0.0	0.0	0.0	5.6	0.0	57.7	57.7	3.4
29	0.0	95.6	95.6	7.8	0.0	0.0	0.0	1.4	0.0	0.0	0.0	2.0
30	2.2	0.0	2.2	2.9	0.0	0.0	0.0	3.4	0.0	0.0	0.0	7.8
31	0.0	10.8	10.8	6.2					0.0	1.3	1.3	7.6
TOTAL	30.5	345.8	376.3	198.4	100.5	712.1	812.6	125.0	11.8	256.9	268.7	

ESTACION: EL SAUCE

DPTO: NARIÑO

LATITUD : 01° 37'N

AÑO: 1991

MPIO: LA UNION

LONGITUD: 77° 06'W

ALTITUD : 1800 m.

DIA	ENERO				FEBRERO				MARZO			
	Precipitación mm.			Brillo	Precipitación mm.			Brillo	Precipitación mm.			Brillo
	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)
1	0.0	0.0	0.0		0.0	0.0	0.0	4.1	1.0	37.2	38.2	1.4
2	1.8	.8	2.6	0.0	12.9	13.4	26.3	5.7	0.0	0.0	0.0	.2
3	1.6	0.0	1.6	0.0	.8	2.0	2.8	0.0	.1	0.0	.1	8.3
4	.5	0.0	.5	1.9	.6	0.0	.6	3.5	0.0	0.0	0.0	6.8
5	0.0	0.0	0.0	7.2	0.0	0.0	0.0	7.7	0.0	0.0	0.0	.3
6	0.0	0.0	0.0	5.4	0.0	0.0	0.0	9.1	0.0	28.6	28.6	3.7
7	6.2	0.0	6.2	3.0	0.0	0.0	0.0	3.9	.9	1.9	2.8	2.7
8	0.0	0.0	0.0	5.3	0.0	0.0	0.0		.4	0.0	.4	5.1
9	0.0	0.0	0.0	4.3	0.0	0.0	0.0	3.8	7.4	1.5	8.9	4.3
10	0.0	0.0	0.0	2.9	0.0	0.0	0.0	7.2	32.8	0.0	32.8	1.3
11	.3	21.5	21.8	1.7	0.0	0.0	0.0	0.0	.1	0.0	.1	4.2
12	0.0	0.0	0.0	3.4	.8	0.0	.8	5.3	0.0	0.0	0.0	.7
13	0.0	.2	.2	6.3	0.0	0.0	0.0	5.2	0.0	0.0	0.0	3.4
14	2.3	.1	2.4	3.7	0.0	0.0	0.0	6.1	7.0	.6	7.6	3.4
15	14.1	0.0	14.1	3.8	0.0	0.0	0.0	.3	0.0	45.6	45.6	1.8
16	0.0	0.0	0.0	6.2	0.0	0.0	0.0	4.3	2.0	27.1	29.1	2.3
17	1.9	10.1	12.0	2.4	0.0	0.0	0.0	9.3	8.6	13.2	21.8	3.2
18	11.6	10.6	22.2	1.5	15.5	2.6	18.1	3.4	0.0	0.0	0.0	1.7
19	23.1	6.7	29.8	1.0	.2	10.0	10.2	2.7	0.0	0.0	0.0	2.7
20	1.1	3.8	4.9	1.3	17.1	0.0	17.1	.9	.1	0.0	.1	7.2
21	1.9	0.0	1.9	5.3	0.0	0.0	0.0	7.7	0.0	0.0	0.0	7.0
22	.3	0.0	.3	4.7	0.0	0.0	0.0	6.5	0.0	0.0	0.0	2.4
23	0.0	0.0	0.0	4.1	0.0	.2	.2	3.6	3.8	6.1	9.9	.1
24	0.0	0.0	0.0	5.8	0.0	0.0	0.0	6.3	1.5	0.0	1.5	5.2
25	0.0	0.0	0.0	1.4	0.0	0.0	0.0	6.5	0.0	0.0	0.0	1.5
26	0.0	0.0	0.0	3.7	.8	0.0	.8	7.0	8.1	7.1	15.2	.2
27	0.0	0.0	0.0	2.3	0.0	0.0	0.0	5.5	0.0	1.7	1.7	.1
28	0.0	.5	.5	3.1	1.3	15.3	16.6	6.0	.1	13.8	13.9	1.2
29	0.0	0.0	0.0	8.0					0.0	0.0	0.0	3.8
30	0.0	0.0	0.0	4.7					0.0	3.0	3.0	6.2
31	0.0	.6	.6	3.1					.3	0.0	.3	7.7
TOTAL	66.7	54.9	121.6		50.0	43.5	93.5		74.2	187.4	261.6	100.1

DIA	ABRIL				MAYO				JUNIO			
	Precipitación mm.			Brillo	Precipitación mm.			Brillo	Precipitación mm.			Brillo
	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)
1	0.0	.5	.5	7.4	0.0	0.0	0.0	1.5	0.0	0.0	0.0	
2	0.0	0.0	0.0	9.8	3.0	5.1	8.1		4.6	0.0	4.6	4.3
3	0.0	0.0	0.0	3.4	12.3	7.1	19.4	3.8	0.0	0.0	0.0	8.4
4	0.0	0.0	0.0	2.8	1.1	0.0	1.1	1.2	0.0	0.0	0.0	4.8
5	0.0	0.0	0.0	4.9	0.0	0.0	0.0	4.6	0.0	0.0	0.0	1.6
6	0.0	0.0	0.0	6.9	0.0	0.0	0.0	6.8	0.0	0.0	0.0	5.9
7	0.0	0.0	0.0	7.5	0.0	0.0	0.0	.2	0.0	0.0	0.0	7.7
8	18.0	9.4	27.4	1.4	0.0	0.0	0.0	5.7	0.0	0.0	0.0	.4
9	9.2	.2	9.4	.4	0.0	0.0	0.0	2.4	0.0	0.0	0.0	6.9
10	0.0	4.0	4.0	3.9	.8	.9	1.7	1.9	0.0	0.0	0.0	7.7
11	2.8	8.5	11.3	2.5	.1	0.0	.1	2.8	0.0	0.0	0.0	9.4
12	4.8	.9	5.7	3.6	3.5	1.2	4.7	4.6	0.0	0.0	0.0	9.0
13	12.5	1.7	14.2	.2	0.0	0.0	0.0	5.3	0.0	0.0	0.0	4.1
14	0.0	.1	.1	8.1	9.0	0.0	9.0	2.5	0.0	.7	.7	2.7
15	0.0	0.0	0.0	5.4	0.0	0.0	0.0	3.7	28.7	3.9	32.6	1.0
16	.4	0.0	.4	7.3	0.0	5.8	5.8	3.8	18.4	.7	19.1	2.3
17	12.1	0.0	12.1	.6	16.7	0.0	16.7	.1	2.9	.1	3.0	2.3
18	0.0	0.0	0.0	10.4	35.4	5.0	40.4	1.2	.8	0.0	.8	8.1
19	1.8	0.0	1.8	6.9	7.1	0.0	7.1	3.6	0.0	0.0	0.0	6.9
20	0.0	0.0	0.0	3.5	4.4	35.2	39.6	5.3	0.0	.1	.1	6.2
21	0.0	0.0	0.0	7.0	.1	18.8	18.9	2.5	.3	.9	1.2	4.0
22	0.0	0.0	0.0	4.5	6.3	0.0	6.3	.1	.2	0.0	.2	1.9
23	0.0	.6	.6	3.9	0.0	10.0	10.0	2.1	6.1	2.2	8.3	3.0
24	0.0	0.0	0.0	4.4	0.0	0.0	0.0	1.6	0.0	.3	.3	5.5
25	0.0	0.0	0.0	2.1	0.0	0.0	0.0	4.3	0.0	0.0	0.0	3.3
26	1.0	0.0	1.0		0.0	0.0	0.0	9.3	.7	19.0	19.7	1.2
27	7.0	0.0	7.0	3.7	0.0	0.0	0.0	7.8	10.3	0.0	10.3	3.3
28	0.0	0.0	0.0	2.4	0.0	1.2	1.2	6.3	.1	.4	.5	5.9
29	3.1	0.0	3.1	4.8	0.0	.1	.1	6.8	0.0	0.0	0.0	3.5
30	1.2	0.0	1.2		0.0	0.0	0.0	3.1	0.0	0.0	0.0	3.1
31					.9	0.0	.9					
TOTAL	73.9	25.9	99.8		100.7	90.4	191.1		73.1	28.3	101.4	

ESTACION: EL SAUCE

DPTO: NARIÑO

LATITUD : 01° 37'N

AÑO: 1991

MPIO: LA UNION

LONGITUD : 77° 06'W

ALTITUD : 1800 m.

DIA	JULIO				AGOSTO				SEPTIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Dia	Noche	Total		Dia	Noche	Total		Dia	Noche	Total	
1	0.0	0.0	0.0	3.5	3.1	0.0	3.1	1.9	0.0	0.0	0.0	3.5
2	0.0	0.0	0.0	5.5	0.0	0.0	0.0	2.8	0.0	0.0	0.0	9.3
3	0.0	0.0	0.0	6.5	0.0	0.0	0.0	6.2	0.0	0.0	0.0	7.3
4	0.0	0.0	0.0	3.8	0.0	0.0	0.0	3.8	0.0	0.0	0.0	9.7
5	.2	3.4	3.6	2.0	1.7	0.0	1.7	3.7	0.0	0.0	0.0	9.0
6	7.0	0.0	7.0	.6	1.2	.6	1.8	6.6	0.0	0.0	0.0	5.5
7	.7	0.0	.7	3.5	.4	.1	.5	3.0	0.0	0.0	0.0	6.9
8	.9	0.0	.9	5.2	2.9	0.0	2.9	.3	0.0	0.0	0.0	9.7
9	0.0	0.0	0.0		.3	0.0	.3	2.7	0.0	0.0	0.0	4.5
10	0.0	.7	.7	3.1	0.0	0.0	0.0	6.3	0.0	0.0	0.0	5.0
11	.2	0.0	.2	2.8	0.0	0.0	0.0	9.6	0.0	0.0	0.0	8.8
12	0.0	.2	.2	1.5	0.0	0.0	0.0	8.3	0.0	0.0	0.0	5.1
13	0.0	0.0	0.0	4.8	0.0	0.0	0.0	1.8	0.0	0.0	0.0	6.5
14	0.0	0.0	0.0	2.8	0.0	0.0	0.0	1.8	0.0	0.0	0.0	4.7
15	0.0	0.0	0.0	6.6	0.0	0.0	0.0	5.3	.4	0.0	.4	3.5
16	0.0	0.0	0.0	3.2	0.0	0.0	0.0	2.6	11.5	2.3	13.8	.5
17	0.0	0.0	0.0	6.1	0.0	0.0	0.0	1.5	.4	0.0	.4	4.5
18	0.0	0.0	0.0	6.6	0.0	0.0	0.0	8.8	.7	.2	.9	1.9
19	.1	0.0	.1	5.4	0.0	0.0	0.0	5.5	6.2	1.5	7.7	1.8
20	0.0	0.0	0.0	3.2	0.0	0.0	0.0	3.1	17.1	.2	17.3	.9
21	0.0	0.0	0.0	7.3	0.0	0.0	0.0	2.4	8.4	19.9	28.3	.6
22	0.0	0.0	0.0		0.0	0.0	0.0	4.4	7.5	3.2	10.7	1.1
23	0.0	0.0	0.0	6.6	0.0	0.0	0.0	4.2	1.2	.9	2.1	4.0
24	0.0	0.0	0.0	4.4	.1	0.0	.1	1.8	1.6	0.0	1.6	1.8
25	0.0	0.0	0.0	9.2	0.0	0.0	0.0	8.3	10.6	35.6	46.2	2.3
26	0.0	0.0	0.0	7.4	0.0	0.0	0.0	9.1	0.0	1.0	1.0	6.9
27	.2	0.0	.2	3.6	0.0	0.0	0.0	3.4	1.3	15.5	16.8	4.7
28	0.0	.2	.2	2.6	0.0	0.0	0.0	5.4	1.0	2.8	3.8	3.8
29	6.4	1.2	7.6	2.5	0.0	0.0	0.0	6.6	9.5	.2	9.7	.8
30	9.4	4.5	13.9	3.2	0.0	0.0	0.0	4.5	32.4	24.0	56.4	1.9
31	6.7	4.6	11.3	0.0	0.0	0.0	0.0	2.5				
TOTAL	31.8	14.8	46.6		9.7	.7	10.4	138.2	109.8	107.3	217.1	136.5

DIA	OCTUBRE				NOVIEMBRE				DICIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Dia	Noche	Total		Dia	Noche	Total		Dia	Noche	Total	
1	10.1	11.3	21.4	.4	.1	0.0	.1		23.1	.1	23.2	6.1
2	33.2	1.5	34.7	2.3	0.0	0.0	0.0		15.7	13.0	28.7	.8
3	0.0	.1	.1	5.0	17.3	25.0	42.3	3.7	3.5	14.6	18.1	3.4
4	0.0	0.0	0.0	5.7	1.0	4.0	5.0	2.0	1.7	2.8	4.5	4.1
5	0.0	1.8	1.8	7.5	0.0	12.4	12.4	2.3	24.8	2.9	27.7	2.6
6	3.3	5.1	8.4	4.5	7.1	14.2	21.3	2.9	0.0	0.0	0.0	1.2
7	3.1	0.0	3.1	3.3	.9	28.0	28.9	1.9	.5	.1	.6	2.0
8	.7	.5	1.2	3.7	11.4	19.9	31.3	2.3	1.2	0.0	1.2	5.1
9	2.0	0.0	2.0	0.0	.3	22.2	22.5	.2	20.9	8.8	29.7	1.7
10	0.0	0.0	0.0	8.0	0.0	7.4	7.4	3.4	.1	16.0	16.1	1.6
11	0.0	0.0	0.0	4.6	.3	2.1	2.4	2.1	.1	0.0	.1	1.8
12	0.0	0.0	0.0	5.5	.2	0.0	.2	7.4	0.0	0.0	0.0	6.6
13	0.0	0.0	0.0	4.6	2.2	0.0	2.2	.7	3.6	6.0	9.6	3.0
14	0.0	0.0	0.0	9.4	0.0	5.4	5.4	2.4	0.0	26.3	26.3	2.9
15	0.0	0.0	0.0	9.0	0.0	0.0	0.0	.9	3.1	.4	3.5	4.2
16	0.0	0.0	0.0	9.2	0.0	0.0	0.0	.7	0.0	3.7	3.7	0.0
17	0.0	0.0	0.0	7.4	.9	.1	1.0	4.8	.7	0.0	.7	.2
18	0.0	0.0	0.0	3.3	3.0	13.6	16.6	3.4	0.0	11.5	11.5	4.1
19	0.0	0.0	0.0	4.2	8.8	1.6	10.4	5.1	0.0	1.5	1.5	5.2
20	0.0	0.0	0.0	4.8	.9	0.0	.9	4.6	0.0	0.0	0.0	4.8
21	0.0	0.0	0.0	9.5	2.8	24.7	27.5	5.2	0.0	3.0	3.0	4.2
22	0.0	0.0	0.0	8.3	0.0	0.0	0.0	8.7	0.0	0.0	0.0	1.4
23	0.0	0.0	0.0	6.8	0.0	0.0	0.0		0.0	0.0	0.0	4.7
24	0.0	0.0	0.0	4.8	0.0	0.0	0.0	5.3	.2	0.0	.2	3.7
25	0.0	2.8	2.8	6.5	30.4	30.3	60.7	1.2	0.0	0.0	0.0	6.9
26	9.0	6.6	15.6	3.1	0.0	0.0	0.0	5.7	.2	0.0	.2	6.1
27	1.8	0.0	1.8	5.4	9.3	0.0	9.3	2.0	0.0	0.0	0.0	4.1
28	0.0	0.0	0.0	.4	0.0	0.0	0.0		0.0	30.0	30.0	4.2
29	0.0	0.0	0.0	2.8	0.0	0.0	0.0	4.7	0.0	13.1	13.1	4.0
30	0.0	0.0	0.0	7.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	6.5
31	32.0	0.0	32.0	3.2					0.0	0.0	0.0	8.5
TOTAL	95.2	29.7	124.9	160.2	96.9	210.9	307.8		99.4	153.8	253.2	115.7

ESTACION: EL SENA

DPTO: QUINDIO

LATITUD : 04° 34'N

AÑO: 1991

MPIO: ARMENIA

LONGITUD: 75° 39'W
ALTITUD : 1550 m.

DIA	ENERO				FEBRERO				MARZO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	24.1	10.9	35.0	3.9	.8	0.0	.8	30.0	0.0	30.0	2.9	
2	1.1	24.0	25.1	4.3	0.0	9.6	9.6	0.0	0.0	0.0	6.1	
3	1.7	.1	1.8	1.0	4.8	0.0	4.8	0.0	0.0	0.0	3.6	
4	0.0	0.0	0.0	1.9	0.0	0.0	0.0	4.6	25.0	0.0	25.0	
5	0.0	0.0	0.0	4.2	0.0	0.0	0.0	1.4	0.0	2.0	2.4	
6	0.0	.6	.6	3.4	0.0	0.0	0.0	2.2	0.0	15.0	15.0	
7	0.0	0.0	0.0	2.3	11.0	0.0	11.0	5.2	16.0	0.0	16.0	
8	0.0	0.0	0.0	4.3	0.0	11.0	11.0	4.9	0.0	10.4	10.4	
9	0.0	0.0	0.0	3.9	0.0	0.0	0.0	2.7	0.0	8.5	8.5	
10	0.0	0.0	0.0	2.1	0.0	0.0	0.0	4.2	0.0	10.0	10.0	
11	15.4	8.7	24.1	1.3	0.0	0.0	0.0	5.7	9.3	0.0	9.3	
12	0.0	19.2	19.2	2.8	10.4	0.0	10.4	6.9	7.5	0.0	7.5	
13	.8	32.0	32.8	1.5	12.0	0.0	12.0	2.5	0.0	0.0	0.0	
14	8.2	.2	8.4	.8	0.0	0.0	0.0	2.6	31.9	0.0	31.9	
15	.2	0.0	.2	5.7	0.0	0.0	0.0	4.2	0.0	0.0	0.0	
16	0.0	0.0	0.0	6.0	0.0	0.0	0.0	3.7	23.0	0.0	23.0	
17	1.0	0.0	1.0	1.2	0.0	18.0	18.0	2.9	0.0	0.0	0.0	
18	0.0	0.0	0.0	3.2	0.0	0.0	0.0	.8	0.0	0.0	0.0	
19	0.0	.6	.6	2.6	15.0	0.0	15.0	3.5	0.0	0.0	0.0	
20	0.0	0.0	0.0	2.7	0.0	0.0	0.0	2.1	0.0	0.0	0.0	
21	0.0	0.0	0.0	5.4	15.0	0.0	15.0	3.7	0.0	0.0	0.0	
22	0.0	0.0	0.0	5.1	0.0	0.0	0.0	3.3	0.0	0.0	0.0	
23	0.0	0.0	0.0	6.6	0.0	0.0	0.0	5.0	14.0	0.0	14.0	
24	0.0	0.0	0.0	3.7	0.0	0.0	0.0	4.4	0.0	0.0	0.0	
25	0.0	0.0	0.0	5.4	0.0	0.0	0.0	3.8	20.0	0.0	20.0	
26	0.0	0.0	0.0	5.1	0.0	0.0	0.0	?	0.0	46.0	46.0	
27	0.0	0.0	0.0	2.1	0.0	4.0	4.0	.6	0.0	0.0	0.0	
28	0.0	0.0	0.0	6.8	0.0	0.0	0.0	3.6	34.0	0.0	34.0	
29	0.0	0.0	0.0	6.3					0.0	0.0	0.0	
30	.3	0.0	.3	1.9					0.0	12.5	12.5	
31	0.0	0.0	0.0	4.2					3.4	0.0	3.4	
TOTAL	52.8	96.3	149.1	111.7	69.0	42.6	111.6		200.1	118.4	318.5	

DIA	ABRIL				MAYO				JUNIO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	0.0	0.0	5.1	0.0	0.0	0.0	5.0	0.0	1.0	1.0	
2	0.0	0.0	0.0	6.0	0.0	0.0	0.0	2.1	0.0	6.0	6.0	
3	0.0	0.0	0.0	3.5	0.0	5.0	5.0	0.0	0.0	1.0	1.0	
4	3.4	0.0	3.4	5.7	0.0	0.0	0.0	1.2	0.0	1.0	1.0	
5	0.0	1.7	1.7	2.8	0.0	0.0	0.0	.5	0.0	0.0	0.0	
6	0.0	0.0	0.0	3.2	0.0	0.0	0.0	5.3	0.0	0.0	0.0	
7	2.8	0.0	2.8	5.8	0.0	0.0	0.0	1.3	0.0	0.0	0.0	
8	3.0	37.9	40.9	.6	0.0	0.0	0.0	5.4	0.0	0.0	0.0	
9	0.0	2.0	2.0	3.4	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	2.1	0.0	2.0	2.0	3.8	0.0	0.0	0.0	
11	0.0	0.0	0.0	2.1	0.0	1.0	1.0	2.3	0.0	0.0	0.0	
12	0.0	0.0	0.0	.1	0.0	2.0	2.0	1.3	0.0	0.0	0.0	
13	0.0	.5	.5	3.5	0.0	0.0	0.0	4.7	0.0	0.0	0.0	
14	22.3	20.0	42.3		0.0	6.0	6.0	0.0	0.0	2.0	2.0	
15	0.0	0.0	0.0		0.0	1.0	1.0		0.0	1.0	1.0	
16	0.0	0.0	0.0	2.8	0.0	2.0	2.0	.3	0.0	0.0	0.0	
17					0.0	1.0	1.0	3.4	0.0	1.0	1.0	
18				6.2	0.0	2.0	2.0		0.0	0.0	0.0	
19				4.1	0.0	28.0	28.0	.1	0.0	0.0	0.0	
20					0.0	3.0	3.0	0.0	0.0	0.0	0.0	
21					0.0	2.0	2.0	0.0	0.0	0.0	0.0	
22					0.0	0.0	0.0	.6	0.0	0.0	0.0	
23					0.0	2.0	2.0	1.9	0.0	0.0	0.0	
24					0.0	0.0	0.0	1.2	0.0	1.0	1.0	
25					0.0	3.0	3.0	4.8	0.0	0.0	0.0	
26					0.0	4.0	4.0	3.7	0.0	0.0	0.0	
27					0.0	5.0	5.0	8.4	0.0	4.0	4.0	
28					0.0	0.0	0.0	6.8	0.0	0.0	0.0	
29					0.0	2.0	2.0	2.8	0.0	0.0	0.0	
30				.2	0.0	8.0	8.0	.8	0.0	0.0	0.0	
31					0.0	2.0	2.0	1.7				
TOTAL					0.0	81.0	81.0		0.0	18.0	18.0	

ESTACION: EL SENA

DPTO: QUINDIO

LATITUD : 04° 34'N

AÑO: 1991

MPIO: ARMENIA

LONGITUD: 75° 39'W
ALTITUD : 1550 m.

DIA	JULIO				AGOSTO				SEPTIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	6.5	0.0	2.9	2.9	0.0	0.0	0.0	0.0	9.1
3	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.9
4	0.0	2.6	2.6	.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2
5	14.5	1.7	16.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6
6	.1	5.2	5.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
7	6.1	0.0	6.1	1.8	.1	4.7	4.8	0.0	0.0	0.0	0.0	6.9
8	0.0	2.6	2.6	2.9	0.0	7.5	7.5	0.0	0.0	0.0	0.0	7.4
9	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2
10	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
11	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
12	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
13	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
14	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	2.8	2.8	3.7
15	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	1.1	11.0	12.1	.1
16	0.0	0.0	0.0	3.1	0.0	0.0	0.0	3.0	17.8	1.8	19.6	.4
17	0.0	0.0	0.0	5.7	0.0	0.0	0.0	3.9	0.0	0.0	0.0	2.5
18	0.0	0.0	0.0		0.0	0.0	0.0	3.3	2.9	.2	3.1	1.2
19	0.0	0.0	0.0	8.7	0.0	0.0	0.0	5.2	34.2	14.5	48.7	2.4
20	0.0	0.0	0.0	.9	0.0	0.0	0.0	7.1	25.0	2.0	27.0	0.0
21	0.0	0.0	0.0	4.4	0.0	0.0	0.0	4.6	3.4	0.0	3.4	1.7
22	0.0	0.0	0.0	8.5	0.0	0.0	0.0	5.4	1.8	17.8	19.6	.6
23	0.0	0.0	0.0	6.8	0.0	0.0	0.0	5.7	0.0	0.0	0.0	1.5
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	.9	0.0	.9	.6
25	0.0	0.0	0.0	6.5	0.0	0.0	0.0	8.3	7.3	0.0	7.3	3.2
26	0.0	0.0	0.0	4.7	0.0	0.0	0.0	7.3	0.0	0.0	0.0	1.9
27	0.0	0.0	0.0	3.5	0.0	0.0	0.0	3.1	.3	.9	1.2	1.2
28	0.0	0.0	0.0		0.0	0.0	0.0	5.5	0.0	10.0	10.0	5.7
29	0.0	0.0	0.0		0.0	0.0	0.0	8.9	0.0	.3	.3	2.2
30	0.0	12.0	12.0		0.0	0.0	0.0	3.6	8.4	20.3	28.7	5.1
31	0.0	14.0	14.0		0.0	.5	.5	5.1				
TOTAL	20.7	38.1	58.8		.1	15.6	15.7		103.1	81.6	184.7	111.3

DIA	OCTUBRE				NOVIEMBRE				DICIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	0.0	0.0	.7	.2	.2	.4	1.5	16.6	0.0	16.6	3.3
2	0.0	20.0	20.0	2.5	0.0	0.0	0.0	0.0	.8	36.6	37.4	.4
3	0.0	.3	.3	4.2	1.6	8.6	10.2	3.8	0.0	12.0	12.0	2.1
4	0.0	0.0	0.0	4.7	1.2	.4	1.6	0.0	16.9	.8	17.7	4.0
5	0.0	0.0	0.0	4.0	5.7	9.4	15.1	2.6	1.9	0.0	1.9	0.0
6	3.5	42.4	45.9	3.8	33.7	0.0	33.7	1.3	0.0	0.0	0.0	2.9
7	1.2	.1	1.3	6.2	10.1	13.5	23.6	2.1	0.0	26.5	26.5	4.0
8	11.9	33.8	45.7	2.1	2.0	17.2	19.2	0.0	15.3	1.8	17.1	3.6
9	0.0	0.0	0.0	.3	5.0	3.4	8.4	1.2	75.1	0.0	75.1	.7
10	12.1	0.0	12.1	1.3	0.0	2.2	2.2	.9	3.1	0.0	3.1	4.1
11	5.2	0.0	5.2	2.7	2.7	1.2	3.9	4.5	0.0	0.0	0.0	2.4
12	0.0	.3	.3	5.1	0.0	3.0	3.0	4.6	4.7	9.9	14.6	
13	0.0	0.0	0.0	5.0	1.2	39.4	40.6	1.5	6.0	.1	6.1	
14	.5	0.0	.5	5.2	7.3	11.5	18.8	3.8	0.0	3.9	3.9	
15	0.0	0.0	0.0	7.6	9.5	.5	10.0	.7	.2	4.6	4.8	
16	0.0	0.0	0.0	6.2	0.0	0.0	0.0	3.6	0.0	9.4	9.4	
17	0.0	0.0	0.0	4.1	0.0	0.0	0.0	1.8	2.6	0.0	2.6	
18	0.0	0.0	0.0	.5	0.0	0.0	0.0	3.9	3.3	10.0	13.3	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	
20	0.0	0.0	0.0	6.6	18.4	0.0	18.4	3.6	0.0	14.9	14.9	
21	0.0	0.0	0.0	8.4	1.4	0.0	1.4	2.1	0.0	0.0	0.0	
22	0.0	0.0	0.0	6.6	0.0	0.0	0.0	.6	6.5	1.3	7.8	
23	0.0	0.0	0.0	5.2	0.0	0.0	0.0	3.5	0.0	0.0	0.0	
24	0.0	0.0	0.0	1.3	11.2	72.1	83.3	2.2	0.0	0.0	0.0	
25	0.0	4.5	4.5	3.2	2.0	0.0	2.0	0.0	.3	0.0	.3	
26	0.0	0.0	0.0	3.7	0.0	0.0	0.0	3.3	0.0	0.0	0.0	
27	0.0	0.0	0.0	1.2	0.0	0.0	0.0	1.1	0.0	0.0	0.0	
28	0.0	0.0	0.0	3.5	.2	.4	.6	1.2	4.9	7.2	12.1	
29	0.0	9.6	9.6	4.3	0.0	0.0	0.0	0.0	.8	0.0	.8	
30	0.0	0.0	0.0	.4	2.0	0.0	2.0	2.8	0.0	0.0	0.0	
31	10.4	0.0	10.4	.3					0.0	0.0	0.0	5.9
TOTAL	44.8	111.0	155.8	110.9	115.4	183.0	298.4	59.4	159.0	139.0	298.0	

ESTACION: JULIAN REY

DPTO: SANTANDER

LATITUD : 07° 20'N

AÑO: 1991

MPIO: RIONEGRO

LONGITUD: 73° 07'W

ALTITUD : 1240 m.

DIA	ENERO			FEBRERO			MARZO			
	Precipitación mm. Día Noche Total	Brillo Sol. (h)		Precipitación mm. Día Noche Total	Brillo Sol. (h)		Precipitación mm. Día Noche Total	Brillo Sol. (h)		
1	8.0	.8	8.8	0.0	0.0	0.0	0.0	18.4	18.4	
2	.6	1.1	1.7	0.0	0.0	0.0	.1	12.6	12.7	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	6.4	
4	0.0	0.0	0.0	0.0	0.0	0.0	6.1	15.6	21.7	
5	.5	0.0	.5	0.0	0.0	0.0	2.1	17.2	19.3	
6	0.0	22.9	22.9	0.0	0.0	0.0	0.0	23.0	23.0	
7	0.0	7.8	7.8	0.0	.8	.8	1.6	.4	2.0	
8	0.0	0.0	0.0	0.0	1.4	1.4	0.0	12.7	12.7	
9	0.0	.1	.1	0.0	2.7	2.7	.2	0.0	.2	
10	1.0	1.4	2.4	0.0	0.0	0.0	.6	.7	1.3	
11	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.7	
12	0.0	0.0	0.0	0.0	0.0	0.0	4.9	.1	5.0	
13	0.0	0.0	0.0	.5	0.0	.5	1.2	0.0	1.2	
14	0.0	0.0	0.0	.1	0.0	.1	3.0	0.0	3.0	
15	0.0	.4	.4	0.0	1.1	1.1	.4	0.0	.4	
16	0.0	0.0	0.0	7.0	0.0	7.0	0.0	0.0	0.0	
17	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	6.5	11.2	17.7	0.0	0.0	0.0	
19	.8	0.0	.8	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	4.0	4.0	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	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	.4	0.0	.4	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	
26	0.0	0.0	0.0	1.1	0.0	1.1	0.0	10.0	10.0	
27	0.0	0.0	0.0	3.3	0.0	3.3	.3	0.0	.3	
28	0.0	0.0	0.0	1.5	0.0	1.5	0.0	0.0	0.0	
29	0.0	0.0	0.0				0.0	0.0	0.0	
30	0.0	0.0	0.0				.6	0.0	.6	
31	0.0	0.0	0.0				10.2	15.4	25.6	
TOTAL	12.4	38.5	50.9	20.4	17.2	37.6	33.0	133.7	166.7	

DIA	ABRIL			MAYO			JUNIO			
	Precipitación mm. Día Noche Total	Brillo Sol. (h)		Precipitación mm. Día Noche Total	Brillo Sol. (h)		Precipitación mm. Día Noche Total	Brillo Sol. (h)		
1	0.0	0.0	0.0	0.0	11.6	11.6	5.4	4.5	9.9	3.4
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6
3	0.0	0.0	0.0	1.0	2.3	3.3	.6	0.0	.6	.7
4	0.0	0.0	0.0	0.0	11.0	11.0	0.0	0.0	0.0	7.3
5	14.6	0.0	14.6	0.0	0.0	0.0	.3	0.0	.3	4.2
6	0.0	0.0	0.0	0.0	0.0	0.0	.3	24.9	25.2	2.7
7	14.2	5.9	20.1	0.0	0.0	0.0	.1	0.0	.1	8.2
8	1.0	5.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	8.3
9	2.1	1.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	5.9
10	12.1	1.1	13.2	0.0	10.0	10.0	.1	0.0	.1	.2
11	18.5	0.0	18.5	0.0	2.0	2.0	0.0	0.0	0.0	6.5
12	4.4	.4	4.8	0.0	0.0	0.0	.5	0.0	.5	6.2
13	0.0	0.0	0.0	0.0	0.0	0.0	24.1	.5	24.6	5.1
14	0.0	.2	.2	0.0	0.0	0.0	.4	0.0	.4	2.4
15	0.0	0.0	0.0	0.0	1.2	1.2	0.0	0.0	0.0	6.0
16	.9	0.0	.9	2.2	1.9	4.1	2.5	0.0	0.0	.3
17	0.0	4.1	4.1	23.4	0.0	23.4	1.5	.3	2.1	.1
18	0.0	18.3	18.3	0.0	1.7	1.7	2.8	0.0	0.0	6.2
19	1.1	0.0	1.1	6.1	5.7	11.8	4.0	0.0	6.7	4.4
20	5.5	0.0	5.5	2.2	8.5	10.7	2.5	0.0	0.0	6.2
21	1.5	0.0	1.5	30.5	10.7	41.2	1.9	0.0	0.0	5.8
22	4.0	10.1	14.1	.2	5.2	5.4	2.9	0.0	0.0	3.8
23	9.8	0.0	9.8	.1	0.0	.1	4.8	0.0	0.0	2.0
24	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	6.0
25	0.0	0.0	0.0	0.0	0.0	0.0	7.2	8.2	0.0	8.2
26	1.5	0.0	1.5	0.0	0.0	0.0	9.0	.3	0.0	4.2
27	0.0	.6	.6	0.0	0.0	0.0	2.8	0.0	0.0	.8
28	0.0	.5	.5	0.0	.2	.2	7.8	1.2	0.0	2.6
29	20.6	0.0	20.6	3.5	2.6	6.1	5.5	2.3	0.0	0.0
30	0.0	1.6	1.6	0.0	0.0	0.0	5.0	0.0	0.0	4.9
31				21.7	0.0	21.7	3.7			
TOTAL	111.8	49.7	161.5	90.9	74.6	165.5	52.3	30.2	82.5	

ESTACION: JULIAN REY

DPTO: SANTANDER

LATITUD : 07° 20'N

AÑO: 1991

MPIO: RIONEGRO

LONGITUD: 73° 07'W
ALTITUD : 1240 m.

DIA	JULIO				AGOSTO				SEPTIEMBRE			
	Precipitación mm.			Brillo	Precipitación mm.			Brillo	Precipitación mm.			Brillo
	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)
1	.1	0.0	.1	1.8	1.6	0.0	1.6	0.0	.4	0.0	.4	4.5
2	0.0	0.0	0.0	3.0	0.0	.4	.4	4.4	10.4	0.0	10.4	5.7
3	0.0	.2	.2	4.2	.5	0.0	.5	1.6	.2	7.6	7.8	6.4
4	0.0	.3	.3	3.5	1.6	0.0	1.6	3.3	.1	0.0	.1	6.2
5	0.0	0.0	0.0	4.8	0.0	0.0	0.0	4.0	.2	.2	.4	7.0
6	0.0	0.0	0.0	5.4	.1	0.0	.1	5.1	0.0	0.0	0.0	2.2
7	.1	0.0	.1	1.0	1.1	0.0	1.1	3.0	0.0	0.0	0.0	7.7
8	0.0	1.8	1.8	6.1	0.0	0.0	0.0	2.6	1.2	0.0	1.2	6.8
9	.3	0.0	.3	1.9	0.0	.4	.4	1.3	6.8	.8	7.6	5.2
10	0.0	0.0	0.0	6.6	0.0	0.0	0.0	4.2	0.0	0.0	0.0	7.9
11	0.0	0.0	0.0	5.9	0.0	0.0	0.0	5.3	0.0	0.0	0.0	5.5
12	0.0	.1	.1	3.0	0.0	.1	.1	1.6	0.0	.1	.1	8.9
13	0.0	0.0	0.0	6.2	0.0	.1	.1	4.5	0.0	.1	.1	6.7
14	0.0	0.0	0.0	3.4	0.0	0.0	0.0	9.2	0.0	.1	.1	3.2
15	1.0	4.1	5.1	6.0	0.0	0.0	0.0	7.7	5.4	1.0	6.4	.9
16	0.0	0.0	0.0	5.5	0.0	0.0	0.0	7.5	4.7	10.1	14.8	3.6
17	.2	0.0	.2	4.9	2.5	.1	2.6	.5	6.5	.2	6.7	2.4
18	.1	0.0	.1	1.9	3.9	0.0	3.9	3.8	0.0	0.0	0.0	5.8
19	.2	0.0	.2	6.1	2.2	1.5	3.7	6.6	0.0	0.0	0.0	2.4
20	0.0	0.0	0.0	7.2	.5	0.0	.5	4.3	0.0	4.0	4.0	2.2
21	0.0	0.0	0.0	2.4	.1	1.0	1.1	5.2	11.1	0.0	11.1	2.1
22	0.0	0.0	0.0	7.6	0.0	14.2	14.2	5.5	.8	0.0	.8	2.0
23	0.0	0.0	0.0	7.6	.2	0.0	.2	5.8	14.3	0.0	14.3	3.1
24	.1	0.0	.1	2.7	0.0	0.0	0.0	3.3	5.4	.5	5.9	3.4
25	0.0	0.0	0.0	6.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	3.9
26	0.0	0.0	0.0	9.1	0.0	0.0	0.0	6.5	11.6	1.3	12.9	3.9
27	0.0	0.0	0.0	6.9	0.0	3.5	3.5	4.7	.1	.1	.2	6.5
28	0.0	0.0	0.0	3.0	7.6	0.0	7.6	4.6	1.3	0.0	1.3	4.4
29	0.0	0.0	0.0	4.0	0.0	0.0	0.0	6.0	.1	0.0	.1	1.4
30	0.0	0.0	0.0	.5	0.0	0.0	0.0	4.3	0.0	0.0	0.0	6.2
31	2.3	1.8	4.1	1.7	.3	.2	.5	3.2				
TOTAL	4.4	8.3	12.7	139.9	22.2	21.5	43.7	136.5	80.6	26.1	106.7	138.1

DIA	OCTUBRE				NOVIEMBRE				DICIEMBRE			
	Precipitación mm.			Brillo	Precipitación mm.			Brillo	Precipitación mm.			Brillo
	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)
1	.1	8.3	8.4	4.0	.5	0.0	.5	6.6	3.6	0.0	3.6	5.9
2	0.0	0.0	0.0	5.4	0.0	0.0	0.0	6.4	0.0	0.0	0.0	3.1
3	0.0	0.0	0.0	3.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	.5
4	0.0	0.0	0.0		3.4	8.2	11.6	1.4	0.0	0.0	0.0	6.4
5	.1	4.6	4.7		0.0	0.0	0.0	3.5	1.0	0.0	1.0	3.2
6	.5	0.0	.5	5.2	.2	0.0	.2	4.2	5.9	0.0	5.9	3.7
7	0.0	34.8	34.8	4.5	3.8	11.4	15.2	2.8	0.0	0.0	0.0	3.6
8	.7	0.0	.7	2.0	1.1	3.7	4.8	3.4	0.0	0.0	0.0	3.9
9	1.0	1.7	2.7	1.9	1.2	40.5	41.7	0.0	0.0	0.0	0.0	3.2
10	2.0	0.0	2.0	1.4	.5	17.8	18.3	2.7	0.0	2.6	2.6	3.4
11	4.6	0.0	4.6	3.9	0.0	0.0	0.0	1.1	0.0	0.0	0.0	3.1
12	0.0	.5	.5	5.6	.1	0.0	.1	1.9	24.1	0.0	24.1	6.9
13	8.3	3.3	11.6	5.3	28.1	.7	28.8	1.8	.1	42.4	42.5	4.6
14	.1	0.0	.1	3.9	3.7	11.3	15.0	3.0	0.0	15.8	15.8	6.7
15	0.0	24.7	24.7	5.6	0.0	0.0	0.0	3.2	0.0	0.0	0.0	3.7
16	0.0	0.0	0.0	8.2	1.3	6.9	8.2	1.9	8.8	49.2	58.0	0.0
17	1.5	1.4	2.9	7.9	3.9	.1	4.0	2.2	.2	0.0	.2	1.1
18	1.6	.3	1.9	3.6	0.0	0.0	0.0	4.3	1.5	5.5	7.0	.4
19	0.0	0.0	0.0	3.1	.3	0.0	.3	2.9	0.0	0.0	0.0	1.1
20	2.9	0.0	2.9	7.5	.8	0.0	.8	5.3	1.3	0.0	1.3	2.9
21	0.0	0.0	0.0	7.6	1.1	0.0	1.1	2.2	0.0	0.0	0.0	7.2
22	0.0	0.0	0.0	7.7	0.0	6.4	6.4	2.8	0.0	0.0	0.0	6.1
23	0.0	0.0	0.0	7.9	1.2	0.0	1.2	3.9	0.0	0.0	0.0	1.7
24	.4	0.0	.4	7.3	0.0	8.1	8.1	3.9	0.0	0.0	0.0	4.1
25	.3	0.0	.3	1.1	3.9	0.0	3.9	4.4	0.0	0.0	0.0	4.7
26	1.1	1.7	2.8	4.6	4.5	0.0	4.5	.2	.3	0.0	.3	2.9
27	1.5	3.1	4.6	5.3	5.0	1.4	6.4	2.9	0.0	0.0	0.0	1.6
28	2.1	0.0	2.1	5.7	6.3	.6	6.9	4.3	0.0	0.0	0.0	5.2
29	6.0	8.0	14.0	5.7	.1	0.0	.1	4.6	0.0	0.0	0.0	4.9
30	.6	0.0	.6	3.2	0.0	0.0	0.0	7.8	0.0	0.0	0.0	4.6
31	0.0	0.0	0.0	7.0					0.0	0.0	0.0	5.3
TOTAL	35.4	92.4	127.8	71.0	117.1	188.1	97.1	46.8	115.5	162.3	115.7	

ESTACION: AGUASBLANCAS

DPTO: SANTANDER

LATITUD : 06° 50'N

AÑO: 1991

MPIO: SAN VICENTE

LONGITUD : 73° 29'W

ALTITUD : 920 m.

DIA	ENERO				FEBRERO				MARZO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	.6	.6	1.2	5.9	.1	0.0	.1	5.0	0.0	48.0	48.0	4.0
2	0.0	0.0	0.0	3.3	0.0	0.0	0.0	6.3	11.3	1.5	12.8	1.6
3	0.0	0.0	0.0	5.3	0.0	.4	.4	6.2	.1	23.0	23.1	2.3
4	0.0	0.0	0.0	2.8	0.0	9.2	9.2	5.0	25.5	64.0	89.5	3.6
5	0.0	.3	.3	4.2	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	7.2	0.0	0.0	0.0	6.3	0.0	.7	.7	1.1
7	0.0	0.0	0.0	4.1	0.0	27.4	27.4	1.6	0.0	4.8	4.8	3.5
8	.1	1.1	1.2	3.5	0.0	0.0	0.0	.1	.2	10.6	10.8	5.6
9	0.0	0.0	0.0	4.3	0.0	20.6	20.6	.6	.6	0.0	.6	.9
10	0.0	0.0	0.0	4.7	0.0	0.0	0.0	1.3	1.1	22.1	23.2	1.5
11	0.0	0.0	0.0	7.5	0.0	0.0	0.0	2.6	0.0	0.0	0.0	1.1
12	0.0	0.0	0.0	4.0	3.1	0.0	3.1	.2	.1	0.0	.1	.6
13	0.0	0.0	0.0	8.2	0.0	0.0	0.0	2.1	0.0	0.0	0.0	3.4
14	0.0	0.0	0.0	5.0	0.0	23.8	23.8	2.4	0.0	13.0	13.0	4.4
15	0.0	0.0	0.0	5.5	.3	49.3	49.6	2.8	0.0	0.0	0.0	5.0
16	0.0	0.0	0.0	6.4	4.0	0.0	4.0	1.5	0.0	0.0	0.0	2.1
17	0.0	3.6	3.6	4.8	0.0	0.0	0.0	5.6	0.0	0.0	0.0	4.0
18	0.0	0.0	0.0	4.8	0.0	0.0	0.0	7.0	0.0	0.0	0.0	5.6
19	0.0	0.0	0.0	6.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	5.8
20	0.0	0.0	0.0	4.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	5.9
21	0.0	0.0	0.0	5.4	0.0	0.0	0.0	1.5	0.0	0.0	0.0	5.7
22	0.0	0.0	0.0	5.4	0.0	.4	.4	7.1	0.0	0.0	0.0	7.5
23	0.0	0.0	0.0	7.1	0.0	0.0	0.0	5.1	0.0	0.0	0.0	6.9
24	0.0	0.0	0.0	7.0	1.0	0.0	1.0	1.9	0.0	0.0	0.0	2.8
25	0.0	0.0	0.0	8.1	0.0	0.0	0.0	4.8	0.0	0.0	0.0	1.5
26	0.0	0.0	0.0	6.9	0.0	.5	.5	1.5	0.0	0.0	0.0	1.2
27	0.0	0.0	0.0	2.4	0.0	0.0	0.0	3.3	0.0	47.0	47.0	1.1
28	0.0	0.0	0.0	7.1	.5	0.0	.5	1.9	0.0	2.0	2.0	1.6
29	0.0	0.0	0.0	7.3					0.0	15.0	15.0	6.9
30	0.0	0.0	0.0	7.0					0.0	18.0	18.0	8.3
31	0.0	0.0	0.0	7.1					0.0	48.0	48.0	6.0
TOTAL	.7	5.6	6.3	172.3	9.0	131.6	140.6	98.0	38.9	317.7	356.6	111.5

DIA	ABRIL				MAYO				JUNIO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	24.0	24.0	8.2	0.0	7.0	7.0	2.5	.3	0.0	.3	1.5
2	0.0	0.0	0.0	6.3	0.0	0.0	0.0	5.8	0.0	0.0	0.0	6.2
3	0.0	0.0	0.0	3.5	7.1	6.7	13.8	3.9	0.0	0.0	0.0	2.5
4	0.0	0.0	0.0	2.3	0.0	6.1	6.1	.2	0.0	.7	.7	4.8
5	0.0	0.0	0.0	2.7	0.0	1.9	1.9	2.0	0.0	0.0	0.0	4.7
6	0.0	18.0	18.0	1.0	0.0	3.0	3.0	5.5	1.0	5.5	6.5	4.0
7	0.0	8.0	8.0	6.6	9.5	0.0	9.5	4.6	0.0	0.0	0.0	7.0
8	0.0	17.0	17.0	6.2	0.0	0.0	0.0	5.9	0.0	0.0	0.0	5.8
9	0.0	0.0	0.0	2.9	5.5	18.7	24.2	3.9	0.0	.5	.5	4.9
10	0.0	0.0	0.0	1.9	20.9	.2	21.1	2.8	0.0	0.0	0.0	.6
11	0.0	4.0	4.0	3.7	0.0	.5	.5	3.5	12.9	0.0	12.9	9.0
12	0.0	47.0	47.0	5.5	.1	14.8	14.9	1.0	8.0	0.0	8.0	6.0
13	0.0	0.0	0.0	.9	0.0	.1	.1	6.3	4.0	3.4	7.4	4.4
14	0.0	0.0	0.0	8.5	0.0	0.0	0.0	5.1	0.0	0.0	0.0	3.3
15	0.0	0.0	0.0	3.9	0.0	0.0	0.0	2.4	0.0	12.3	12.3	5.6
16	0.0	0.0	0.0	4.9	.9	0.0	.9	2.8	0.0	0.0	0.0	.5
17	5.3	31.1	36.4	6.2	0.0	0.0	0.0	1.9	5.2	1.2	6.4	.2
18	.2	0.0	.2	.7	0.0	0.0	0.0	3.6	0.0	0.0	0.0	5.3
19	6.0	.1	6.1	1.0	14.6	0.0	14.6	3.1	3.7	.1	3.8	3.5
20	1.2	0.0	1.2	5.0	.8	.8	1.6	1.9	5.7	0.0	5.7	6.3
21	0.0	0.0	0.0	.8	1.4	.4	1.8	.2	14.3	0.0	14.3	5.9
22	7.3	7.0	14.3	2.1	1.3	0.0	1.3	3.5	.2	0.0	.2	4.7
23	1.8	0.0	1.8	5.0	0.0	0.0	0.0	5.8	1.6	.1	1.7	2.2
24	0.0	0.0	0.0	8.4	0.0	0.0	0.0	4.2	3.0	0.0	3.0	1.3
25	0.0	0.0	0.0	8.7	.1	0.0	.1	5.3	5.1	.2	5.3	1.4
26	0.0	0.0	0.0	1.3	.1	0.0	.1	4.1	0.0	0.0	0.0	6.7
27	0.0	6.3	6.3	3.8	0.0	0.0	0.0	2.7	.7	1.3	2.0	.3
28	.2	6.3	6.5	.8	0.0	1.0	1.0	8.2	.3	4.4	4.7	2.5
29	0.0	.2	.2	5.7	0.0	.7	.7	5.8	2.4	0.0	2.4	2.2
30	0.0	.5	.5	4.4	0.0	.7	.7	5.8	.2	0.0	.2	4.1
31					.4	.1	.5	3.7				
TOTAL	22.0	169.5	191.5	122.9	62.7	62.7	125.4	118.0	68.6	29.7	98.3	117.4

ESTACION: AGUASBLANCAS

DPTO: SANTANDER

LATITUD : 06° 50'N

LONGITUD: 73° 29'W

AÑO: 1991

MPIO: SAN VICENTE

ALTITUD : 920 m.

DIA	JULIO				AGOSTO				SEPTIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	4.0	0.0	4.0	.6	12.3	0.0	12.3	.2	.1	.6	.7	2.9
2	.3	0.0	.3	3.6	0.0	1.9	1.9	5.6	.6	3.2	3.8	6.4
3	2.1	.6	2.7	4.5	3.2	0.0	3.2	4.0	0.0	1.6	1.6	6.7
4	4.6	4.8	9.4	6.0	.5	2.8	3.3	4.5	0.0	.3	.3	6.2
5	0.0	.3	.3	6.2	.2	0.0	.2	3.2	0.0	2.1	2.1	4.3
6	4.4	0.0	4.4	4.3	0.0	0.0	0.0	4.5	.5	10.8	11.3	5.7
7	4.3	0.0	4.3	3.4	0.0	0.0	0.0	1.7	0.0	0.0	0.0	7.2
8	.6	18.5	19.1	6.1	0.0	.2	.2	5.8	0.0	.3	.3	5.5
9	2.5	0.0	2.5	3.4	0.0	.6	.6	1.8	7.3	6.7	14.0	3.1
10	.2	0.0	.2	5.3	0.0	0.0	0.0	4.0	0.0	0.0	0.0	8.2
11	0.0	0.0	0.0	5.1	0.0	0.0	0.0	5.4	0.0	0.0	0.0	5.7
12	0.0	0.0	0.0	4.7	.1	0.0	.1	4.4	0.0	0.0	0.0	8.0
13	3.9	0.0	3.9	5.1	0.0	3.5	3.5	6.8	0.0	0.0	0.0	6.9
14	0.0	0.0	0.0	6.5	0.0	1.3	1.3	9.2	0.0	.7	.7	4.0
15	0.0	13.8	13.8	5.0	.3	0.0	.3	4.7	1.8	.5	2.3	.9
16	0.0	0.0	0.0	7.5	0.0	0.0	0.0	6.5	4.3	54.7	59.0	1.4
17	0.0	0.0	0.0	3.1	.1	.1	.2	2.3	2.5	0.0	2.5	1.1
18	0.0	.5	.5	1.1	.1	0.0	.1	3.1	0.0	3.7	3.7	5.4
19	0.0	0.0	0.0	7.5	.4	1.0	1.4	5.2	0.0	0.0	0.0	1.6
20	0.0	.4	.4	7.7	28.4	0.0	28.4	3.9	3.2	6.1	9.3	.5
21	6.2	0.0	6.2	4.7	1.1	0.0	1.1	5.3	.6	0.0	.6	2.6
22	0.0	0.0	0.0	7.6	0.0	.5	.5	6.1	.2	0.0	.2	.6
23	1.3	11.2	12.5	6.5	.1	0.0	.1	6.8	.7	7.6	8.3	2.4
24	0.0	0.0	0.0	1.9	0.0	.3	.3	5.6	8.9	.3	9.2	2.9
25	2.9	.3	3.2	3.9	0.0	.3	.3	8.1	6.7	.9	7.6	3.4
26	0.0	0.0	0.0	7.5	0.0	0.0	0.0	7.4	1.7	6.4	8.1	2.7
27	0.0	.7	.7	6.7	0.0	2.3	2.3	3.5	.1	.2	.3	7.1
28	.9	0.0	.9	4.1	1.8	0.0	1.8	4.5	0.0	0.0	0.0	4.0
29	.6	1.4	2.0	4.3	0.0	.9	.9	5.5	.2	.8	1.0	1.2
30	2.8	1.6	4.4	.4	0.0	0.0	0.0	5.4	0.0	4.0	4.0	4.4
31	.8	8.8	9.6	1.7	2.3	.1	2.4	3.5				
TOTAL	42.4	62.9	105.3	146.0	50.9	15.8	66.7	148.5	39.4	111.5	150.9	123.0

DIA	OCTUBRE				NOVIEMBRE				DICIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	3.0	3.0	3.2	0.0	0.0	0.0	3.7	5.9	0.0	5.9	3.4
2	0.0	1.5	1.5	2.2	0.0	0.0	0.0	4.8	0.0	.6	.6	1.3
3	.2	0.0	.2	5.3	.8	0.0	.8	.7	0.0	0.0	0.0	.6
4	0.0	0.0	0.0	6.2	0.0	4.5	4.5	1.0	0.0	.2	.2	5.7
5	0.0	0.0	0.0	5.9	.5	0.0	.5	3.4	8.0	.2	8.2	3.3
6	0.0	.3	.3	3.1	0.0	0.0	0.0	4.1	1.3	0.0	1.3	3.4
7	.2	27.2	27.4	5.4	41.4	7.3	48.7	.7	0.0	0.0	0.0	2.1
8	.8	0.0	.8	.7	7.5	22.8	30.3	1.8	0.0	3.6	3.6	3.8
9	7.0	1.4	8.4	.8	1.9	.6	2.5	5.1	0.0	0.0	0.0	2.9
10	1.4	.9	2.3	1.8	0.0	0.0	0.0	1.6	0.0	0.0	0.0	2.9
11	8.2	.7	8.9	4.5	0.0	33.2	33.2	5.0	0.0	0.0	0.0	3.3
12	0.0	3.4	3.4	5.2	0.0	.5	.5	4.6	0.0	0.0	0.0	4.1
13	0.0	6.2	6.2	4.3	.3	20.7	21.0	1.4	0.0	0.0	0.0	6.5
14	0.0	0.0	0.0	3.5	0.0	6.5	6.5	5.7	0.0	0.0	0.0	6.5
15	0.0	28.5	28.5	4.4	0.0	0.0	0.0	2.1	0.0	.2	.2	5.5
16	0.0	2.4	2.4	3.7	0.0	0.0	0.0	2.7	0.0	2.1	2.1	.6
17	0.0	4.5	4.5	4.7	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0
18	1.5	.4	1.9	3.0	0.0	0.0	0.0	4.5	1.3	0.0	1.3	1.6
19	0.0	0.0	0.0	3.1	0.0	0.0	0.0	4.2	0.0	0.0	0.0	3.1
20	0.0	0.0	0.0	7.5	0.0	.8	.8	3.4	0.0	0.0	0.0	4.6
21	.9	0.0	.9	8.2	.4	0.0	.4	.3	0.0	0.0	0.0	8.3
22	0.0	3.4	3.4	5.6	.2	0.0	.2	.7	0.0	0.0	0.0	7.8
23	0.0	0.0	0.0	8.5	0.0	0.0	0.0	4.3	0.0	0.0	0.0	2.9
24	0.0	0.0	0.0	6.3	0.0	34.1	34.1	3.0	0.0	0.0	0.0	3.9
25	0.0	0.0	0.0	1.7	.4	.2	.6	.9	0.0	0.0	0.0	3.5
26	0.0	.7	.7	3.0	1.3	0.0	1.3	1.7	0.0	0.0	0.0	1.6
27	.4	5.1	5.5	3.7	0.0	3.1	3.1	2.7	0.0	0.0	0.0	2.2
28	0.0	0.0	0.0	5.3	0.0	33.0	33.0	3.6	0.0	0.0	0.0	4.4
29	0.0	12.1	12.1	6.4	0.0	0.0	0.0	3.3	0.0	0.0	0.0	3.9
30	0.0	0.0	0.0	.7	0.0	0.0	0.0	3.8	0.0	0.0	0.0	2.6
31	0.0	0.0	0.0	3.3					0.0	0.0	0.0	5.8
TOTAL	20.6	101.7	122.3	131.2	54.7	167.3	222.0	89.4	16.5	6.9	23.4	112.1

ESTACION: LUIS BUSTAMANTE

DPTO: TOLIMA

LATITUD : 03° 55'N

LONGITUD: 74° 34'W

AÑO: 1991

MPIO: VILLARRICA

ALTITUD : 1610 m.

DIA	ENERO				FEBRERO				MARZO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	1.2	39.5	40.7	2.3	0.0	0.0	0.0	5.2	0.0	0.0	0.0	
2	.5	0.0	.5	2.5	0.0	0.0	0.0	4.0	0.0	40.0	40.0	
3	0.0	.1	.1	.9	.1	0.0	.1	3.0	0.0	0.0	0.0	
4	1.0	0.0	1.0	.2	6.1	5.8	11.9	3.4	0.0	0.0	0.0	
5	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	15.0	15.0	
6	0.0	0.0	0.0	3.1	.5	.1	.6	0.0	0.0	0.0	0.0	
7	.5	0.0	.5	.4	.1	0.0	.1	2.1	0.0	0.0	0.0	
8	0.0	0.0	0.0	2.4	.1	0.0	.1	3.2	0.0	0.0	0.0	
9	0.0	0.0	0.0	4.7	.5	0.0	.5	1.9	0.0	61.0	61.0	
10	0.0	0.0	0.0	2.5	0.0	0.0	0.0	.6	0.0	0.0	0.0	
11	0.0	0.0	0.0	5.1	0.0	0.0	0.0	2.5	0.0	0.0	0.0	
12	0.0	0.0	0.0		0.0	0.0	0.0	1.6	0.0	0.0	0.0	
13	0.0	0.0	0.0	4.3	0.0	0.0	0.0	1.2	0.0	8.0	8.0	
14	2.0	11.4	13.4	2.6	0.0	0.0	0.0	1.7	0.0	0.0	0.0	
15	0.0	0.0	0.0	6.0	0.0	22.4	22.4	2.3	0.0	0.0	0.0	
16	.3	0.0	.3	4.6	0.0	0.0	0.0	1.0	0.0	9.0	9.0	
17	0.0	0.0	0.0		0.0	0.0	0.0	3.6	0.0	0.0	0.0	
18	0.0	0.0	0.0		0.0	0.0	0.0	.8	0.0	0.0	0.0	
19	0.0	0.0	0.0		0.0	.2	.2	3.0	0.0	0.0	0.0	
20	0.0	0.0	0.0		0.0	0.0	0.0	3.3	0.0	0.0	0.0	
21	0.0	0.0	0.0	3.3	0.0	0.0	0.0		0.0	0.0	0.0	
22	0.0	0.0	0.0	5.0	0.0	0.0	0.0		0.0	7.0	7.0	
23	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	
24	0.0	0.0	0.0		0.0	0.0	0.0	2.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	2.6	0.0	0.0	0.0	3.9	0.0	28.0	28.0	
26	0.0	0.0	0.0		0.0	0.0	0.0	3.3	0.0	0.0	0.0	
27	0.0	0.0	0.0	2.6	0.0	0.0	0.0	1.5	0.0	0.0	0.0	
28	0.0	0.0	0.0	5.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	
29	0.0	0.0	0.0	6.6					0.0	0.0	0.0	
30	0.0	0.0	0.0	2.9					0.0	0.0	0.0	
31	0.0	0.0	0.0	3.4					0.0	0.0	0.0	
TOTAL	5.5	51.0	56.5		7.4	28.5	35.9		0.0	168.0	168.0	

DIA	ABRIL				MAYO				JUNIO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	9.0	9.0		0.0	6.0	6.0		.9	0.0	.9	1.2
2	0.0	6.0	6.0		0.0	7.0	7.0		2.9	4.1	7.0	
3	0.0	0.0	0.0		0.0	0.0	0.0		1.7	0.0	1.7	.5
4	0.0	7.0	7.0		0.0	0.0	0.0		0.0	0.0	0.0	5.2
5	0.0	2.0	2.0		0.0	0.0	0.0		4.1	.1	4.2	1.1
6	0.0	1.0	1.0		0.0	9.0	9.0		6.0	0.0	6.0	.6
7	0.0	10.0	10.0		0.0	7.0	7.0		2.5	0.0	2.5	6.5
8	0.0	4.0	4.0		0.0	0.0	0.0		0.0	0.0	0.0	8.1
9	0.0	5.0	5.0		12.9	1.4	14.3	1.3	0.0	0.0	0.0	5.5
10	0.0	30.0	30.0		.1	.1	.2	3.4	20.0	0.0	20.0	
11	0.0	60.0	60.0		0.0	0.0	0.0	2.3	0.0	0.0	0.0	3.0
12	0.0	8.0	8.0		6.1	0.0	6.1	3.4	.1	0.0	.1	
13	0.0	9.0	9.0		0.0	0.0	0.0	0.0	0.0	2.4	2.4	2.3
14	0.0	15.0	15.0		4.2	0.0	4.2	.5	0.0	.7	.7	
15	0.0	0.0	0.0		2.0	0.0	2.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0		4.8	1.2	6.0	1.0	6.5	0.0	6.5	
17	0.0	0.0	0.0		8.4	0.0	8.4	1.5	.2	.4	.6	.3
18	0.0	0.0	0.0		23.6	24.8	48.4	.8	5.8	0.0	5.8	2.0
19	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	
20	0.0	6.0	6.0		.5	0.0	.5		0.0	0.0	0.0	
21	0.0	2.0	2.0		.7	2.4	3.1		0.0	0.0	0.0	
22	0.0	0.0	0.0		0.0	1.3	1.3		0.0	0.0	0.0	2.2
23	0.0	8.0	8.0		8.4	0.0	8.4		2.2	0.0	2.2	
24	0.0	0.0	0.0		0.0	0.0	0.0	4.8	0.0	0.0	0.0	.9
25	0.0	70.0	70.0		0.0	0.0	0.0	4.0	1.0	3.7	4.7	
26	0.0	0.0	0.0		0.0	0.0	0.0	4.0	0.0	0.0	0.0	
27	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	3.9
28	0.0	0.0	0.0		0.0	0.0	0.0	2.1	0.0	0.0	0.0	
29	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	
30	0.0	0.0	0.0		0.0	0.0	0.0		1.1	0.0	1.1	
31	0.0	0.0	0.0		0.0	0.0	0.0					
TOTAL	0.0	252.0	252.0		71.7	60.2	131.9		55.0	11.4	66.4	

ESTACION: LUIS BUSTAMANTE

DPTO: TOLIMA

LATITUD : 03° 55'N

AÑO: 1991

MPIO: VILLARRICA

LONGITUD : 74° 34'W

ALTITUD : 1610 m.

DIA	JULIO				AGOSTO				SEPTIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	0.0	0.0		3.8	.3	4.1	1.7	0.0	0.0	0.0	4.6
2	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	1.9
3	0.0	0.0	0.0		3.0	0.0	3.0	2.2	20.2	0.0	20.2	5.4
4	0.0	0.0	0.0	2.6	0.0	0.0	0.0	4.8	0.0	0.0	0.0	4.7
5	0.0	0.0	0.0	2.9	0.0	4.4	4.4	2.6	0.0	0.0	0.0	1.3
6	0.0	0.0	0.0	1.2	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.5
7	0.0	1.0	1.0		0.0	0.0	0.0	4.0	0.0	0.0	0.0	1.3
8	0.0	0.0	0.0		8.4	0.0	8.4	2.1	0.0	0.0	0.0	0.0
9	0.0	1.1	1.1		0.0	0.0	0.0	3.5	0.0	0.0	0.0	3.9
10	0.0	0.0	0.0		.6	2.8	3.4	5.7	0.0	0.0	0.0	5.1
11	1.1	0.0	1.1		.2	.4	.6	5.6	0.0	0.0	0.0	4.3
12	0.0	0.0	0.0	1.3	0.0	0.0	0.0	6.0	.4	14.4	14.8	.1
13	0.0	0.0	0.0	3.2	0.0	1.5	1.5	2.5	0.0	0.0	0.0	1.5
14	1.8	0.0	1.8	2.0	3.6	0.0	3.6	2.8	0.0	0.0	0.0	2.4
15	0.0	0.0	0.0	6.0	0.0	0.0	0.0	.4	0.0	0.0	0.0	.7
16	1.4	1.0	2.4	7.6	1.3	.1	1.4	2.2	4.7	1.3	6.0	3.3
17	2.0	0.0	2.0	3.1	.9	0.0	.9	.6	0.0	0.0	0.0	
18	0.0	0.0	0.0	6.6	7.2	0.0	7.2	1.0	0.0	0.0	0.0	
19	.5	3.4	3.9		8.1	0.0	8.1	3.6	2.4	0.0	2.4	
20	0.0	0.0	0.0	2.2	1.9	0.0	1.9		0.0	59.1	59.1	
21	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		.8	0.0	.8		4.5	25.2	29.7	
23	0.0	.3	.3		0.0	0.0	0.0		.6	0.0	.6	
24	0.0	0.0	0.0		0.0	0.0	0.0		5.5	.6	6.1	
25	2.2	0.0	2.2		0.0	0.0	0.0		0.0	0.0	0.0	
26	7.3	0.0	7.3		.7	0.0	.7		0.0	0.0	0.0	
27	0.0	0.0	0.0		0.0	0.0	0.0		8.1	0.0	8.1	
28	2.2	0.0	2.2	2.5	0.0	0.0	0.0		0.0	0.0	0.0	
29	2.9	0.0	2.9	7.2	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
30	3.5	.4	3.9	0.0	0.0	0.0	0.0	4.2	2.6	1.8	4.4	
31	0.0	0.0	0.0	1.7	0.0	0.0	0.0	3.1				
TOTAL	24.9	7.2	32.1		40.5	9.5	50.0		49.0	102.4	151.4	

DIA	OCTUBRE				NOVIEMBRE				DICIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	0.0	0.0	3.5	0.0	1.9	1.9					
2	4.3	.1	4.4	3.2	0.0	0.0	0.0	1.2				
3	0.0	0.0	0.0		0.0	4.0	4.0					
4	0.0	5.9	5.9	5.7	0.0	0.0	0.0					
5	0.0	0.0	0.0	.7	0.0	0.0	0.0					1.7
6	1.6	0.0	1.6	4.6	0.0	1.8	1.8		0.0	.2	.2	
7	8.5	7.5	16.0	3.5	1.5	0.0	1.5	0.0	.2	0.0	.2	
8	6.0	2.3	8.3	2.0	0.0	4.0	4.0		.4	0.0	.4	
9	3.3	2.6	5.9	4.1	0.0	0.0	0.0	0.0	0.0	17.0	17.0	
10	0.0	0.0	0.0	.1	0.0	0.0	0.0		0.0	0.0	0.0	
11	0.0	0.0	0.0	3.6	0.0	6.0	6.0	1.9	1.3	0.0	1.3	
12	0.0	17.0	17.0	2.8	0.0	8.0	8.0	2.8	0.0	0.0	0.0	6.1
13	2.1	0.0	2.1	8.3	14.0	0.0	14.0		9.2	0.0	9.2	1.5
14	0.0	1.0	1.0	8.6	8.7	0.0	8.7		.7	21.7	22.4	1.2
15	0.0	0.0	0.0	5.0	10.8	7.7	18.5		27.4	1.5	28.9	0.0
16	0.0	0.0	0.0		0.0	1.2	1.2	4.0	0.0	6.0	6.0	0.0
17	0.0	0.0	0.0	2.7	.3	0.0	.3	1.3	0.0	31.0	31.0	0.0
18	0.0	0.0	0.0	1.2	16.9	0.0	16.9		.4	0.0	.4	1.8
19	0.0	0.0	0.0	5.1	2.2	0.0	2.2		2.7	.4	3.1	2.9
20	0.0	0.0	0.0	1.7	.2	.1	.3		0.0	0.0	0.0	4.1
21	0.0	0.0	0.0	7.7	.2	.7	.9	2.1	0.0	.1	.1	1.5
22	0.0	0.0	0.0		.9	.8	1.7	1.0	8.4	11.8	20.2	.8
23	0.0	0.0	0.0		0.0	0.0	0.0		4.3	0.0	4.3	.9
24	0.0	0.0	0.0		18.4	0.0	18.4	3.1	3.3	0.0	3.3	.6
25	0.0	3.0	3.0	3.0	2.5	1.0	3.5	0.0	0.0	0.0	0.0	2.6
26	0.0	0.0	0.0	.2	9.5	0.0	9.5	.5	0.0	0.0	0.0	3.1
27	0.0	4.0	4.0		.3	0.0	.3	5.5	.3	0.0	.3	3.3
28	0.0	0.0	0.0		0.0	0.0	0.0	2.6	.4	3.6	4.0	2.4
29	0.0	0.0	0.0		0.0	0.0	0.0	.4	2.8	0.0	2.8	.6
30	0.0	0.0	0.0	2.9	2.1	0.0	2.1	.4	0.0	0.0	0.0	3.9
31	0.0	0.0	0.0	2.8					0.0	0.0	0.0	4.5
TOTAL	25.8	43.4	69.2		88.5	37.2	125.7		61.8	93.3	155.1	

ESTACION: EL LIMON

DPTO: TOLIMA

LATITUD : 03° 40'N

LONGITUD: 75° 35'W

AÑO: 1991

MPIO: CHAPARRAL

ALTITUD : 990 m.

DIA	ENERO				FEBRERO				MARZO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	.3	.3		0.0	0.0	0.0	6.7	0.0	0.0	0.0	
2	.1	41.0	41.1	2.8	0.0	22.5	22.5	7.1	0.0	0.0	0.0	
3	0.0	1.3	1.3	1.4	0.0	.9	.9	2.5	0.0	0.0	0.0	
4	22.2	0.0	22.2	0.0	28.6	.5	29.1	0.0	6.5	0.0	6.5	
5	0.0	0.0	0.0	6.0	.9	1.3	2.2	.3	8.2	0.0	8.2	.8
6	0.0	24.7	24.7	7.0	2.9	5.9	8.8	3.6	1.9	18.4	20.3	.9
7	4.0	3.5	7.5	3.9	1.3	3.8	5.1	3.5	22.4	0.0	22.4	0.0
8	0.0	3.6	3.6	5.9	.8	.2	1.0	3.5	0.0	0.0	0.0	4.6
9	.8	0.0	.8	5.4	0.0	49.5	49.5	3.2	1.2	2.2	3.4	
10	0.0	0.0	0.0	4.0	.3	0.0	.3	6.3	5.6	.1	5.7	0.0
11	0.0	.8	.8	.8	1.8	17.7	19.5	4.1	0.0	29.8	29.8	5.7
12	.1	0.0	.1	2.5	.1	25.5	25.6	3.6	12.1	0.0	12.1	.2
13	0.0	0.0	0.0	4.3	15.1	0.0	15.1	1.3	0.0	0.0	0.0	1.9
14	0.0	0.0	0.0	4.0	0.0	0.0	0.0	3.1	.7	0.0	.7	2.6
15	0.0	0.0	0.0	3.2	0.0	0.0	0.0	4.2	0.0	7.2	7.2	5.4
16	1.9	0.0	1.9	4.5	0.0	0.0	0.0	7.6	0.0	0.0	0.0	6.2
17	0.0	2.3	2.3	5.8	32.4	1.0	33.4	8.5	0.0	1.2	1.2	8.5
18	0.0	8.6	8.6	5.6	1.0	.5	1.5	.4	0.0	0.0	0.0	7.9
19	8.7	8.4	17.1	5.3	1.3	0.0	1.3	6.3	0.0	0.0	0.0	8.1
20	.7	6.5	7.2	5.1	2.5	0.0	2.5		0.0	0.0	0.0	
21	4.4	0.0	4.4	4.3	0.0	0.0	0.0	8.4	0.0	0.0	0.0	8.5
22	0.0	8.4	8.4	7.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	.5
23	.5	0.0	.5	7.6	0.0	.2	.2	.2	0.0	0.0	0.0	6.0
24	0.0	0.0	0.0	6.0	0.0	.2	.2	1.6	1.1	13.6	14.7	.5
25	0.0	0.0	0.0	8.5	0.0	0.0	0.0	1.8	5.5	8.9	14.4	
26	0.0	0.0	0.0	7.3	0.0	0.0	0.0	3.1	26.8	0.0	26.8	0.0
27	0.0	0.0	0.0	.4	0.0	.2	.2	4.9	9.8	43.7	53.5	5.0
28	0.0	0.0	0.0	7.9	0.0	30.9	30.9		16.7	0.0	16.7	4.2
29	0.0	0.0	0.0	9.2					.3	.4	.7	4.8
30	0.0	0.0	0.0	1.2					.1	1.4	1.5	6.0
31	0.0	0.0	0.0	7.4					.6	0.0	.6	
TOTAL	43.4	109.4	152.8		89.0	160.8	249.8		119.5	126.9	246.4	

DIA	ABRIL				MAYO				JUNIO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	5.4	0.0	5.4	4.7	5.8	2.0	7.8		0.0	36.7	36.7	7.7
2	1.2	0.0	1.2	2.5	.8	18.3	19.1	4.3	.2	76.3	76.5	
3	0.0	0.0	0.0	6.8	0.0	0.0	0.0		.1	6.2	6.3	6.1
4	0.0	0.0	0.0	5.6	0.0	38.6	38.6	2.6	0.0	0.0	0.0	7.0
5	0.0	14.0	14.0		2.7	0.0	2.7	1.0	0.0	34.5	34.5	5.7
6	4.6	0.0	4.6		0.0	0.0	0.0	8.9	9.1	0.0	9.1	4.7
7	0.0	0.0	0.0		0.0	0.0	0.0	.8	0.0	0.0	0.0	9.5
8	0.0	47.0	47.0	2.4	0.0	.1	.1	8.9	.4	0.0	.4	.2
9	8.1	20.7	28.8	3.6	0.0	0.0	0.0	.9	0.0	.1	.1	5.2
10	0.0	21.8	21.8	4.0	0.0	.8	.8	7.5	0.0	0.0	0.0	1.0
11	.4	0.0	.4		0.0	0.0	0.0	4.2	0.0	0.0	0.0	6.9
12	1.1	8.2	9.3	4.3	0.0	0.0	0.0	7.1	0.0	0.0	0.0	1.0
13	8.4	1.5	9.9	2.4	3.7	0.0	3.7	5.8	0.0	0.0	0.0	5.0
14	1.9	3.1	5.0		.1	1.8	1.9	3.3	0.0	.2	.2	6.9
15	.5	1.2	1.7	2.2	0.0	.7	.7	2.5	.7	30.4	31.1	5.2
16	0.0	0.0	0.0	3.0	0.0	49.2	49.2	5.5	1.3	.2	1.5	0.0
17	0.0	0.0	0.0	5.4	.1	.7	.8	5.0	0.0	.1	.1	1.1
18	0.0	1.5	1.5	8.4	90.7	38.7	129.4		0.0	.4	.4	
19	0.0	13.0	13.0	5.7	0.0	30.0	30.0	3.3	.8	0.0	.8	7.9
20	.9	0.0	.9	3.1	0.0	0.0	0.0	4.7	0.0	.1	.1	8.8
21	0.0	0.0	0.0	6.2	2.1	54.8	56.9	4.7	0.0	.1	.1	3.0
22	0.0	.2	.2	3.5	.7	0.0	.7	1.9	1.2	2.2	3.4	4.2
23	0.0	0.0	0.0	5.1	9.0	.3	9.3	1.4	6.1	2.1	8.2	4.2
24	0.0	0.0	0.0	7.3	0.0	.9	.9	2.0	6.2	0.0	6.2	2.4
25	0.0	0.0	0.0		.8	0.0	.8	10.1	.2	.3	.5	4.8
26	0.0	0.0	0.0		0.0	0.0	0.0		.1	18.1	18.2	
27	0.0	0.0	0.0		0.0	0.0	0.0	8.9	0.0	37.2	37.2	
28	6.7	.2	6.9		0.0	0.0	0.0		0.0	11.2	11.2	
29	0.0	0.0	0.0		0.0	0.0	0.0	3.1	0.0	.4	.4	
30	0.0	0.0	0.0		.1	2.2	2.3	6.6	0.0	.9	.9	
31					.9	0.0	.9					
TOTAL	39.2	132.4	171.6		117.5	239.1	356.6		26.4	257.7	284.1	

ESTACION: EL LIMON

DPTO: TOLIMA

LATITUD : 03° 40'N

AÑO: 1991

MPIO: CHAPARRAL

LONGITUD: 75° 35'W

ALTITUD : 990 m.

DIA	JULIO			Brillo Sol. (h)	AGOSTO			Brillo Sol. (h)	SEPTIEMBRE			Brillo Sol. (h)
	Precipitación mm. Dia	Noche	Total		Precipitación mm. Dia	Noche	Total		Precipitación mm. Dia	Noche	Total	
1	.1	0.0	.1		.8	0.0	.8	3.3	0.0	0.0	0.0	.5
2	0.0	.1	.1		2.1	.6	2.7	3.6	0.0	0.0	0.0	9.4
3	0.0	0.0	0.0		0.0	0.0	0.0	2.6	0.0	0.0	0.0	7.5
4	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
5	.1	75.5	75.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
6	1.3	11.7	13.0	6.5	0.0	.9	.9	2.9	0.0	0.0	0.0	6.7
7	10.9	0.0	10.9	.8	.3	26.7	27.0	2.9	0.0	.2	.2	3.7
8	.1	.1	.2	6.1	0.0	4.4	4.4	6.2	0.0	0.0	0.0	9.5
9	0.0	3.2	3.2	4.9	2.7	10.0	12.7	1.1	0.0	1.3	1.3	2.9
10	0.0	0.0	0.0	1.0	0.0	0.0	0.0	3.8	1.0	0.0	1.0	.5
11	0.0	1.4	1.4	2.9	0.0	0.0	0.0	3.0	0.0	0.0	0.0	1.3
12	0.0	0.0	0.0	3.5	0.0	0.0	0.0	.7	0.0	0.0	0.0	2.2
13	0.0	0.0	0.0	5.4	0.0	0.0	0.0	1.4	0.0	0.0	0.0	
14	0.0	.2	.2	2.1	0.0	0.0	0.0	1.5	0.0	0.0	0.0	6.3
15	0.0	0.0	0.0	3.6	0.0	0.0	0.0	.4	0.0	.8	.8	6.1
16	0.0	0.0	0.0	2.1	0.0	0.0	0.0	.2	5.9	47.7	53.6	1.7
17	0.0	0.0	0.0	6.0	0.0	0.0	0.0	2.4	0.0	5.6	5.6	3.0
18	0.0	0.0	0.0	9.2	0.0	0.0	0.0	2.6	0.0	44.3	44.3	6.3
19	0.0	.3	.3	7.0	3.0	.3	.3	2.5	0.0	53.4	53.4	2.7
20	0.0	0.0	0.0	.5	0.0	0.0	0.0	1.5	1.0	12.5	13.5	4.7
21	0.0	0.0	0.0	2.9	0.0	0.0	0.0	3.6	0.0	19.6	19.6	1.1
22	0.0	0.0	0.0	8.1	0.0	0.0	0.0	3.3	0.0	16.8	16.8	6.1
23	0.0	0.0	0.0		0.0	0.0	0.0	2.5	0.0	21.8	21.8	5.6
24	0.0	.2	.2	0.0	0.0	0.0	0.0	9.5	6.6	0.0	6.6	2.5
25	0.0	0.0	0.0	.5	0.0	0.0	0.0		0.0	20.5	20.5	7.7
26	0.0	0.0	0.0		0.0	0.0	0.0	7.5	1.0	2.8	3.8	3.4
27	0.0	0.0	0.0		0.0	.8	.8	.3	0.0	0.0	0.0	2.3
28	0.0	0.0	0.0		.5	0.0	.5		0.0	21.5	21.5	8.8
29	0.0	0.0	0.0	4.6	0.0	0.0	0.0		0.0	9.0	9.0	7.4
30	0.0	12.6	12.6		0.0	0.0	0.0		.1	36.1	36.2	8.3
31	.1	1.8	1.9	1.9	0.0	4.7	4.7					
TOTAL	12.6	107.1	119.7		6.4	48.4	54.8		15.6	313.9	329.5	

DIA	OCTUBRE			Brillo Sol. (h)	NOVIEMBRE			Brillo Sol. (h)	DICIEMBRE			Brillo Sol. (h)
	Precipitación mm. Dia	Noche	Total		Precipitación mm. Dia	Noche	Total		Precipitación mm. Dia	Noche	Total	
1	0.0	24.2	24.2	7.5	0.0	10.0	10.0	.4	0.0	14.6	14.6	5.5
2	0.0	24.6	24.6		0.0	1.9	1.9	2.2	0.0	39.5	39.5	3.2
3	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	3.6
4	0.0	0.0	0.0		0.0	0.0	0.0		7.1	30.5	37.6	7.6
5	0.0	0.0	0.0		0.0	0.0	0.0	3.4	0.0	0.0	0.0	3.3
6	0.0	0.0	0.0		6.1	6.1	12.2		0.0	1.4	1.4	9.3
7	14.4	15.5	29.9	2.3	0.0	2.0	2.0		.5	0.0	.5	5.9
8	0.0	0.0	0.0	6.4	0.0	1.5	1.5	2.6	0.0	0.0	0.0	3.7
9	0.0	.3	.3	.3	0.0	0.0	0.0	1.9	2.1	0.0	2.1	4.3
10	0.0	0.0	0.0		4.4	0.0	4.4	4.0	0.0	5.2	5.2	7.3
11	0.0	0.0	0.0		39.9	3.3	43.2	4.8	0.0	10.5	10.5	8.3
12	0.0	0.0	0.0	7.8	0.0	10.0	10.0	3.7	0.0	30.0	30.0	6.7
13	0.0	0.0	0.0	9.1	0.0	0.0	0.0		0.0	40.0	40.0	3.8
14	0.0	0.0	0.0		0.0	42.7	42.7		0.0	5.6	5.6	.5
15	0.0	0.0	0.0		3.8	.1	3.9	6.2	25.3	0.0	25.3	0.0
16	0.0	8.5	8.5	4.2	0.0	3.0	3.0	3.5	0.0	1.4	1.4	.1
17	0.0	0.0	0.0		.9	9.5	10.4	1.4	19.1	0.0	19.1	.3
18	0.0	0.0	0.0		0.0	4.0	4.0	3.8	0.0	4.1	4.1	2.1
19	0.0	0.0	0.0		0.0	0.0	0.0		0.0	14.3	14.3	4.7
20	0.0	0.0	0.0		0.0	0.0	0.0		0.0	21.1	21.1	7.2
21	0.0	0.0	0.0		0.0	0.0	0.0	6.5	1.2	0.0	1.2	1.3
22	0.0	0.0	0.0		0.0	9.5	9.5	8.0	.8	1.9	2.7	1.9
23	0.0	0.0	0.0	6.6	.6	36.8	37.4	3.3	.2	0.0	.2	.1
24	0.0	0.0	0.0	3.9	0.0	17.3	17.3	1.4	.8	0.0	.8	.3
25	0.0	0.0	0.0	6.2	0.0	8.8	8.8	3.6	0.0	.7	.7	7.9
26	0.0	54.0	54.0	4.1	0.0	2.5	2.5	4.9	0.0	30.7	30.7	6.2
27	0.0	.1	.1	9.1	0.0	0.0	0.0	2.3	0.0	7.1	7.1	3.5
28	0.0	0.0	0.0	.7	0.0	0.0	0.0	.2	.6	1.4	2.0	3.4
29	0.0	.3	.3	3.1	0.0	0.0	0.0	0.0	0.0	.3	.3	1.0
30	.1	0.0	.1	5.7	0.0	0.0	0.0	1.2	0.0	0.0	0.0	7.1
31	0.0	10.4	10.4		0.0	0.0	0.0		0.0	0.0	0.0	5.2
TOTAL	14.5	137.9	152.4		55.7	169.0	224.7		57.7	260.3	318.0	125.3

ESTACION: LA MONTAÑA

DPTO: TOLIMA

LATITUD : 03° 33'N

LONGITUD : 74° 54'W

AÑO: 1991

MPIO: DOLORES

ALTITUD : 1260 m.

DIA	ENERO				FEBRERO				MARZO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	39.1	39.1	5.0	0.0	0.0	0.0	5.3	.6	0.0	.6	4.9
2	0.0	6.5	6.5	3.7	5.0	0.0	5.0		0.0	7.3	7.3	2.4
3	3.0	0.0	3.0	2.5	0.0	0.0	0.0		0.0	0.0	0.0	3.5
4	0.0	0.0	0.0	1.9	0.0	0.0	0.0		11.4	6.9	18.3	1.9
5	0.0	0.0	0.0	5.0	0.0	0.0	0.0	7.5	2.0	5.6	7.6	.2
6	0.0	0.0	0.0	4.3	0.0	0.0	0.0	4.0	8.8	34.0	42.8	
7	0.0	0.0	0.0	2.9	0.0	15.5	15.5	2.6	10.8	0.0	10.8	1.2
8	0.0	0.0	0.0	4.8	0.0	0.0	0.0	2.4	18.5	0.0	18.5	4.0
9	0.0	0.0	0.0	5.9	0.0	0.0	0.0	3.0	0.0	2.5	2.5	2.0
10	0.0	0.0	0.0	4.8	0.0	0.0	0.0	3.3	1.8	0.0	1.8	0.0
11	27.9	14.5	42.4	1.1	.2	3.2	3.4	.9	0.0	0.0	0.0	2.1
12	0.0	.2	.2	4.4	.1	.1	.2	.7	4.0	0.0	4.0	.4
13	0.0	0.0	0.0	7.7	0.0	0.0	0.0	1.3	0.0	0.0	0.0	5.0
14	0.0	0.0	0.0		0.0	0.0	0.0	6.0	3.2	0.0	3.2	4.6
15	0.0	0.0	0.0	5.1	0.0	0.0	0.0	2.4	0.0	0.0	0.0	6.7
16	0.0	0.0	0.0	6.9	0.0	1.6	1.6		.2	0.0	.2	6.4
17	0.0	.6	.6	7.8	0.0	6.2	6.2	1.4	0.0	0.0	0.0	4.0
18	5.1	0.0	5.1	2.9	0.0	0.0	0.0	1.9	0.0	.6	.6	7.2
19	0.0	25.2	25.2	3.6	.7	.3	1.0	5.0	0.0	0.0	0.0	4.9
20	0.0	.3	.3	5.7	0.0	0.0	0.0	3.5	0.0	0.0	0.0	6.1
21	0.0	0.0	0.0	6.1	0.0	0.0	0.0		0.0	0.0	0.0	5.2
22	0.0	0.0	0.0	6.3	0.0	0.0	0.0		11.2	0.0	11.2	1.5
23	0.0	0.0	0.0	5.6	0.0	0.0	0.0	8.5	0.0	24.7	24.7	3.7
24	0.0	0.0	0.0	8.4	0.0	0.0	0.0	2.0	0.0	40.7	40.7	2.1
25	0.0	0.0	0.0	8.0	0.0	0.0	0.0	4.4	15.0	2.8	17.8	
26	0.0	0.0	0.0	6.3	0.0	1.4	1.4	6.6	.6	0.0	.6	.1
27	0.0	0.0	0.0	5.6	0.0	0.0	0.0	3.4	0.0	19.8	19.8	.4
28	0.0	0.0	0.0	8.7	0.0	6.2	6.2	3.8	1.3	0.0	1.3	.4
29	0.0	0.0	0.0	9.5					0.0	50.6	50.6	8.2
30	0.0	0.0	0.0	2.5					0.0	17.3	17.3	8.0
31	0.0	0.0	0.0						0.0	0.0	0.0	2.8
TOTAL	36.0	86.4	122.4		6.0	34.5	40.5		89.4	212.8	302.2	

DIA	ABRIL				MAYO				JUNIO			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	0.0	0.0	4.3	0.0	0.0	0.0	5.8	0.0	.1	.1	5.1
2	0.0	0.0	0.0	5.9	.1	0.0	.1	5.8	0.0	0.0	0.0	7.5
3	0.0	0.0	0.0	5.6	0.0	1.2	1.2	5.6	0.0	0.0	0.0	2.7
4	0.0	0.0	0.0	4.8	0.0	0.0	0.0	1.8	0.0	0.0	0.0	8.2
5	0.0	1.7	1.7	5.1	0.0	0.0	0.0	5.0	0.0	.8	.8	4.8
6	1.6	0.0	1.6	2.7	0.0	0.0	0.0	4.6	.2	0.0	.2	3.1
7	0.0	0.0	0.0	5.3	0.0	0.0	0.0	.8	0.0	0.0	0.0	9.2
8	0.0	38.7	38.7	5.2	0.0	0.0	0.0	9.5	.1	0.0	.1	2.6
9	.8	.5	1.3	2.7	0.0	0.0	0.0	.2	0.0	0.0	0.0	8.2
10	0.0	0.0	0.0	2.7	0.0	0.0	0.0	8.1	0.0	0.0	0.0	3.6
11	0.0	4.2	4.2	4.8	0.0	0.0	0.0	8.1	0.0	0.0	0.0	9.6
12	0.0	4.9	4.9	2.5	.9	0.0	.9	2.2	0.0	.2	.2	6.2
13	0.0	2.1	2.1	1.6	0.0	0.0	0.0	5.9	.1	0.0	.1	6.9
14	.1	22.0	22.1	2.8	13.8	.7	14.5	1.4	0.0	0.0	0.0	4.9
15	.7	0.0	.7	1.3	0.0	.1	.1	5.9	0.0	0.0	0.0	3.1
16	0.0	0.0	0.0	8.9	0.0	0.0	0.0	4.6	7.1	0.0	7.1	0.0
17	0.0	3.8	3.8	6.9	0.0	3.4	3.4	.1	0.0	0.0	0.0	2.4
18	0.0	31.0	31.0	3.9	0.0	65.0	65.0	.8	0.0	0.0	0.0	5.3
19	0.0	0.0	0.0	4.3	0.0	3.5	3.5	2.7	0.0	0.0	0.0	7.3
20	.4	0.0	.4		2.3	14.4	16.7	3.2	0.0	2.5	2.5	8.8
21	0.0	0.0	0.0	4.1	5.5	3.3	8.8	.3	0.0	0.0	0.0	4.0
22	0.0	0.0	0.0	5.6	9.3	0.0	9.3	.6	4.0	2.0	6.0	1.8
23	.4	0.0	.4		5.0	.2	5.2	.9	3.4	0.0	3.4	2.3
24	0.0	0.0	0.0	6.1	0.0	0.0	0.0	1.7	.9	.1	1.0	2.0
25	0.0	0.0	0.0	7.5	0.0	0.0	0.0	4.6	0.0	0.0	0.0	5.5
26	.1	0.0	.1		0.0	0.0	0.0	10.1	.9	0.0	.9	2.8
27	.1	2.3	2.4		0.0	0.0	0.0	9.9	4.3	4.7	9.0	1.2
28	0.0	0.0	0.0		0.0	0.0	0.0	9.5	0.0	.1	.1	6.1
29	0.0	.4	.4	5.7	0.0	.1	.1		0.0	.4	.4	.6
30	0.0	.3	.3	3.7	0.0	0.0	0.0		0.0	0.0	0.0	3.3
31					1.1	0.0	1.1	.5				
TOTAL	4.2	111.9	116.1		38.0	91.9	129.9		21.0	10.9	31.9	139.1

ESTACION: LA MONTAÑA

DPTO: TOLIMA

LATITUD : 03° 33'N

AÑO: 1991

MPIO: DOLORES

LONGITUD: 74° 54'W
ALTITUD : 1260 m.

DIA	JULIO				AGOSTO				SEPTIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	.6	0.0	.6	.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
2	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	7.7	1.4	0.0	1.4	.6	1.8	2.4	2.4	
4	0.0	1.4	1.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	9.4	9.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	.3	6.7	7.0	3.0	0.0	0.0	0.0	0.0	2.4	2.4	2.4	
7	3.3	0.0	3.3	.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	4.3	4.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4
9	0.0	2.7	2.7	4.5	0.0	0.0	0.0	0.0	.1	.1	.1	5.7
10	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	.5	.4	.9	3.7	0.0	0.0	0.0	5.7	0.0	0.0	0.0	3.0
12	.6	0.0	.6	1.7	0.0	0.0	0.0	7.3	0.0	0.0	0.0	4.4
13	0.0	0.0	0.0	6.6	0.0	0.0	0.0	1.9	0.0	0.0	0.0	4.0
14	0.0	0.0	0.0	7.6	0.0	0.0	0.0	1.7	0.0	0.0	0.0	3.6
15	0.0	.4	.4	4.6	0.0	0.0	0.0	3.8	0.0	0.0	0.0	1.3
16	0.0	0.0	0.0	6.2	0.0	0.0	0.0	4.5	0.0	0.0	0.0	2.7
17	0.0	0.0	0.0	5.7	.1	.1	.2	.2	.2	9.2	9.4	2.0
18	0.0	.7	.7	9.3	0.0	0.0	0.0	5.2	12.9	1.2	14.1	2.5
19	0.0	3.0	3.0	8.9	0.0	0.0	0.0	1.2	1.7	0.0	1.7	2.9
20	0.0	0.0	0.0	1.3	0.0	0.0	0.0	9.1	0.0	0.0	0.0	.8
21	0.0	.1	.1		0.0	0.0	0.0		.1	.9	1.0	.6
22	0.0	0.0	0.0		0.0	0.0	0.0		2.4	3.9	6.3	
23	0.0	0.0	0.0		0.0	0.0	0.0	.5	0.0	0.0	0.0	
24	0.0	0.0	0.0		0.0	0.0	0.0	3.0	0.0	0.0	0.0	
25	0.0	0.0	0.0		0.0	0.0	0.0	6.7	0.0	10.4	10.4	
26	0.0	0.0	0.0		0.0	0.0	0.0	8.7	0.0	0.0	0.0	
27	0.0	0.0	0.0		0.0	0.0	0.0	4.7	0.0	0.0	0.0	
28	0.0	0.0	0.0		0.0	0.0	0.0	2.5	.7	0.0	.7	
29	0.0	0.0	0.0		0.0	.7	.7	9.5	2.2	3.7	5.9	
30	0.0	1.3	1.3		1.7	0.0	1.7	.7	5.0	48.2	53.2	
31	0.0	0.0	0.0		0.0	6.9	6.9	8.1				
TOTAL	5.3	30.4	35.7		3.2	7.7	10.9		25.8	81.8	107.6	

DIA	OCTUBRE				NOVIEMBRE				DICIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	0.0	0.0		.6	0.0	.6		0.0	0.0	0.0	
2	.2	4.6	4.8		0.0	0.0	0.0	4.2	.6	0.0	.6	
3	0.0	0.0	0.0		.2	12.5	12.7	2.2	.8	1.5	2.3	3.6
4	0.0	0.0	0.0		6.3	22.1	28.4	0.0	0.0	0.0	0.0	6.0
5	0.0	0.0	0.0		10.4	0.0	10.4	1.1	.6	1.2	1.8	1.7
6	0.0	6.9	6.9		2.4	15.2	17.6	3.1	0.0	0.0	0.0	3.5
7	1.0	14.8	15.8	2.8	.4	0.0	.4	2.7	0.0	0.0	0.0	3.4
8	.8	0.0	.8	2.0	12.7	0.0	12.7	1.2	.2	.2	.4	2.8
9	0.0	0.0	0.0	.6	11.1	0.0	11.1	2.9	0.0	0.0	0.0	2.1
10	0.0	0.0	0.0	.9	.3	1.1	1.4		0.0	15.0	15.0	
11	0.0	0.0	0.0	3.1	.1	25.7	25.8		0.0	4.0	4.0	
12	0.0	0.0	0.0		.8	0.0	.8		0.0	55.0	55.0	5.2
13	0.0	0.0	0.0		1.2	89.6	90.8	3.6	0.0	45.0	45.0	3.6
14	0.0	0.0	0.0		0.0	67.2	67.2	4.7	0.0	9.4	9.4	1.6
15	0.0	2.0	2.0	9.7	5.7	0.0	5.7	1.8	0.0	44.0	44.0	1.4
16	2.3	0.0	2.3	9.1	.3	8.9	9.2	4.5	1.3	0.0	1.3	.6
17	0.0	0.0	0.0		0.0	58.8	58.8	1.8	1.6	0.0	1.6	2.9
18	0.0	0.0	0.0		2.0	0.0	2.0	5.8	0.0	60.0	60.0	
19	0.0	0.0	0.0		.4	0.0	.4	4.7	0.0	13.0	13.0	3.9
20	0.0	0.0	0.0		1.4	0.0	1.4	7.1	0.0	50.0	50.0	4.6
21	0.0	0.0	0.0		0.0	0.0	0.0	1.5	0.0	31.0	31.0	3.4
22	0.0	0.0	0.0		0.0	0.0	0.0	5.3	0.0	0.0	0.0	1.4
23	0.0	0.0	0.0		0.0	0.0	0.0	5.5	0.0	0.0	0.0	2.0
24	.1	0.0	.1		0.0	0.0	0.0		0.0	0.0	0.0	.9
25	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	7.4
26	.2	1.3	1.5		0.0	0.0	0.0	3.1	0.0	0.0	0.0	5.8
27	0.0	0.0	0.0		0.0	0.0	0.0	5.2	.7	3.7	4.4	6.3
28	0.0	.2	.2	6.4	0.0	0.0	0.0	2.0	0.0	0.0	0.0	3.8
29	0.0	0.0	0.0	2.8	0.0	0.0	0.0	2.9	0.0	0.0	0.0	8.6
30	0.0	0.0	0.0	5.8	0.0	0.0	0.0	6.3	0.0	0.0	0.0	
31	11.1	.6	11.7	7.3					0.0	0.0	0.0	
TOTAL	15.7	30.4	46.1		56.3	301.1	357.4		5.8	333.0	338.8	

ESTACION: LA SELVA

DPTO: VALLE

LATITUD : 03° 45'N

LONGITUD: 76° 12'W

AÑO: 1991

MPIO: GINEBRA

ALTITUD : 1800 m.

DIA	ENERO				FEBRERO				MARZO			
	Precipitación mm.			Brillo	Precipitación mm.			Brillo	Precipitación mm.			Brillo
	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)
1	0.0	0.0	0.0	3.6	0.0	0.0	0.0	4.0	4.7	0.0	4.7	.7
2	1.5	.1	1.6	5.4	0.0	38.8	38.8	2.5	15.0	8.0	23.0	3.8
3	0.0	9.6	9.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3
4	0.0	0.0	0.0	.8	0.0	0.0	0.0	2.1	0.0	.3	.3	6.3
5	0.0	0.0	0.0	3.8	0.0	0.0	0.0	3.6	0.0	0.0	0.0	2.3
6	0.0	28.7	28.7	5.2	0.0	0.0	0.0	4.3	0.0	0.0	0.0	5.2
7	4.7	.2	4.9	3.7	0.0	0.0	0.0	2.4	.1	0.0	.1	0.0
8	0.0	0.0	0.0	5.3	0.0	0.0	0.0	3.3	17.0	.1	17.1	1.2
9	0.0	0.0	0.0	6.8	.6	0.0	.6	4.0	0.0	15.0	15.0	1.4
10	0.0	0.0	0.0	4.8	0.0	0.0	0.0	7.1	2.6	0.0	2.6	.6
11	3.2	.1	3.3		0.0	4.7	4.7	.8	12.8	3.9	16.7	1.6
12	0.0	0.0	0.0	1.6	0.0	0.0	0.0	2.5	3.9	1.5	5.4	1.7
13	3.5	6.9	10.4	2.9	1.5	.4	1.9	2.7	0.0	0.0	0.0	1.3
14	41.0	0.0	41.0	.6	0.0	0.0	0.0	2.4	3.7	0.0	3.7	1.3
15	18.8	0.0	18.8	5.3	0.0	0.0	0.0	3.7	0.0	0.0	0.0	4.3
16	.2	0.0	.2		0.0	0.0	0.0	2.2	1.3	0.0	1.3	2.0
17	5.2	0.0	5.2		11.8	.5	12.3	4.7	.2	0.0	.2	1.9
18	.3	4.1	4.4		4.3	2.1	6.4	.5	0.0	0.0	0.0	2.6
19	0.0	13.7	13.7	.7	.5	1.0	1.5	2.3	0.0	0.0	0.0	4.8
20	.7	.6	1.3	3.5	.5	0.0	.5	1.1	0.0	0.0	0.0	8.6
21	.4	0.0	.4	4.2	0.0	0.0	0.0	2.6	0.0	0.0	0.0	7.0
22	0.0	0.0	0.0	5.8	0.0	0.0	0.0	4.7	.2	0.0	.2	1.3
23	0.0	0.0	0.0	8.1	0.0	0.0	0.0	2.0	1.7	12.2	13.9	2.0
24	0.0	0.0	0.0	4.7	1.0	0.0	1.0	3.3	0.0	4.0	4.0	0.0
25	0.0	0.0	0.0	5.2	0.0	.1	.1	4.0	19.3	17.4	36.7	4.0
26	0.0	0.0	0.0	6.7	0.0	0.0	0.0	3.1	0.0	1.0	1.0	1.0
27	0.0	0.0	0.0	2.2	0.0	0.0	0.0	5.3	.5	8.1	8.6	3.5
28	0.0	0.0	0.0	7.0	2.2	0.0	2.2	1.3	22.0	0.0	22.0	0.0
29	0.0	0.0	0.0	7.8					0.0	0.0	0.0	5.6
30	0.0	0.0	0.0	.9					0.0	0.0	0.0	7.9
31	0.0	0.0	0.0	3.0					3.9	2.3	6.2	4.0
TOTAL	79.5	64.0	143.5		22.4	47.6	70.0	82.5	108.9	73.8	182.7	95.2

DIA	ABRIL				MAYO				JUNIO			
	Precipitación mm.			Brillo	Precipitación mm.			Brillo	Precipitación mm.			Brillo
	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)	Día	Noche	Total	Sol. (h)
1	.1	0.0	.1	4.0	2.4	0.0	2.4	3.6	1.6	0.0	1.6	1.1
2	0.0	0.0	0.0	7.2	0.0	0.0	0.0		.3	0.0	.3	2.6
3	7.9	0.0	7.9	5.6	3.9	0.0	3.9		0.0	0.0	0.0	.2
4	0.0	0.0	0.0	4.2	.2	0.0	.2	.4	1.4	0.0	1.4	2.9
5	1.5	0.0	1.5	4.2	2.6	0.0	2.6	1.4	2.9	0.0	2.9	1.7
6	0.0	0.0	0.0	1.2	0.0	0.0	0.0	8.5	0.0	0.0	0.0	5.5
7	0.0	.7	.7	2.3	1.6	0.0	1.6	.8	0.0	0.0	0.0	2.9
8	4.2	2.6	6.8	.2	1.1	0.0	1.1	5.2	0.0	0.0	0.0	2.0
9	8.3	0.0	8.3	.5	0.0	0.0	0.0	.3	0.0	0.0	0.0	7.5
10	.7	0.0	.7	1.7	0.0	4.2	4.2	3.6	5.1	0.0	5.1	3.4
11	3.3	19.4	22.7	1.6	0.0	0.0	0.0	4.7	0.0	0.0	0.0	9.2
12	.1	0.0	.1	1.4	0.0	15.3	15.3	1.6	0.0	0.0	0.0	4.4
13	26.0	7.0	33.0	2.7	0.0	0.0	0.0		0.0	0.0	0.0	2.0
14	0.0	6.9	6.9	.8	.3	0.0	.3		0.0	0.0	0.0	1.5
15	6.6	0.0	6.6	3.2	0.0	1.5	1.5		1.5	0.0	1.5	2.1
16	0.0	42.2	42.2	7.5	0.0	0.0	0.0		2.4	0.0	2.4	.3
17	7.4	0.0	7.4	.5	16.0	0.0	16.0		0.0	0.0	0.0	2.1
18	0.0	0.0	0.0	8.0	0.0	23.0	23.0	.9	0.0	.2	.2	5.3
19	0.0	0.0	0.0	4.2	1.9	0.0	1.9	.1	0.0	0.0	0.0	.9
20	0.0	0.0	0.0	3.1	1.7	2.0	3.7	0.0	0.0	0.0	0.0	4.4
21	0.0	0.0	0.0	3.9	3.6	1.1	4.7	0.0	.2	0.0	.2	1.8
22	.4	0.0	.4	2.9	7.8	0.0	7.8	0.0	.5	.9	1.4	.8
23	0.0	0.0	0.0	2.7	1.2	.5	1.7	1.1	.6	1.3	1.9	2.6
24	0.0	0.0	0.0	3.0	0.0	0.0	0.0	1.1	16.0	0.0	16.0	4.9
25	0.0	.4	.4	1.4	0.0	0.0	0.0	6.1	0.0	0.0	0.0	3.0
26	.3	.1	.4	3.1	0.0	1.0	1.0	2.5	0.0	4.2	4.2	2.4
27	3.8	0.0	3.8	.8	0.0	0.0	0.0	6.3	1.0	3.6	4.6	1.2
28	0.0	0.0	0.0	1.7	0.0	0.0	0.0	6.9	0.0	0.0	0.0	.8
29	9.9	.1	10.0	3.4	0.0	0.0	0.0	1.9	.5	0.0	.5	2.1
30	.6	.4	1.0	2.8	.5	0.0	.5	1.1	1.1	0.0	1.1	3.5
31					.2	4.3	4.5	.9				
TOTAL	81.1	79.8	160.9	89.8	45.0	52.9	97.9		35.1	10.2	45.3	85.1

ESTACION: LA SELVA

DPTO: VALLE

LATITUD : 03° 45'N

AÑO: 1991

MPIO: GINEBRA

LONGITUD: 76° 12'W

ALTITUD : 1800 m.

DIA	JULIO				AGOSTO				SEPTIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	0.0	0.0	0.0	1.7	1.2	0.0	1.2	.6	0.0	0.0	0.0	1.9
2	0.0	0.0	0.0	7.3	.3	0.0	.3	4.1	0.0	0.0	0.0	9.8
3	0.0	0.0	0.0	3.8	0.0	0.0	0.0	3.1	2.9	0.0	2.9	1.3
4	0.0	.1	.1	.6	0.0	0.0	0.0	8.5	0.0	0.0	0.0	8.4
5	2.1	0.0	2.1	.8	.3	0.0	.3	.1	1.0	0.0	1.0	6.4
6	3.0	1.9	4.9	2.2	.1	.5	.6	2.5	0.0	0.0	0.0	3.1
7	1.3	0.0	1.3	1.2	.4	6.5	6.9	3.2	0.0	0.0	0.0	5.9
8	.8	0.0	.8	3.6	0.0	12.2	12.2	2.8	0.0	0.0	0.0	5.9
9	0.0	2.5	2.5	4.8	1.3	0.0	1.3	.3	0.0	0.0	0.0	5.9
10	0.0	0.0	0.0	1.2	0.0	0.0	0.0	4.2	0.0	0.0	0.0	1.8
11	0.0	.2	.2	1.9	0.0	0.0	0.0	8.5	0.0	0.0	0.0	6.3
12	1.0	0.0	1.0	1.3	0.0	0.0	0.0	6.0	0.0	0.0	0.0	5.6
13	0.0	0.0	0.0	6.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	6.5
14	0.0	.3	.3	8.3	.5	0.0	.5	1.9	0.0	0.0	0.0	3.6
15	0.0	0.0	0.0	2.4	0.0	0.0	0.0	2.6	4.5	44.5	49.0	.1
16	0.0	0.0	0.0	3.9	.5	0.0	.5	2.2	14.2	9.6	23.8	2.5
17	0.0	0.0	0.0	4.2	0.0	0.0	0.0		4.3	8.6	12.9	
18	0.0	2.1	2.1	5.9	0.0	0.0	0.0	6.4	.3	.1	.4	1.5
19	0.0	0.0	0.0	6.5	0.0	0.0	0.0	1.7	1.6	2.8	4.4	.8
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	11.4	.9	12.3	0.0
21	0.0	0.0	0.0	.9	0.0	0.0	0.0	3.9	1.7	.3	2.0	.6
22	0.0	0.0	0.0	7.4	0.0	0.0	0.0	6.4	4.5	14.8	19.3	.6
23	0.0	0.0	0.0	5.2	0.0	0.0	0.0	6.3	.5	0.0	.5	1.9
24	2.2	0.0	2.2	.7	0.0	0.0	0.0	2.9	0.0	0.0	0.0	2.0
25	0.0	0.0	0.0	2.8	0.0	0.0	0.0	8.4	.8	.2	1.0	.7
26	0.0	0.0	0.0	1.6	0.0	0.0	0.0	8.5	0.0	.4	.4	1.1
27	0.0	0.0	0.0	1.5	0.0	0.0	0.0	5.0	5.0	0.0	5.0	2.0
28	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.6	0.0	2.8	2.8	3.5
29	.4	0.0	.4	4.9	0.0	0.0	0.0	8.9	6.3	0.0	6.3	.9
30	10.0	11.7	21.7	.8	0.0	0.0	0.0	.3	9.7	4.2	13.9	2.8
31	7.4	0.0	7.4	0.0	.2	0.0	.2	2.0				
TOTAL	28.2	18.8	47.0	94.4	4.8	19.2	24.0		68.7	89.2	157.9	

DIA	OCTUBRE				NOVIEMBRE				DICIEMBRE			
	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)	Precipitación mm.			Brillo Sol. (h)
	Día	Noche	Total		Día	Noche	Total		Día	Noche	Total	
1	4.9	0.0	4.9	1.2	1.1	0.0	1.1	2.9	4.7	0.0	4.7	4.2
2	5.2	1.4	6.6	3.0	.8	.2	1.0	2.8	0.0	0.0	0.0	1.1
3	0.0	0.0	0.0	5.3	2.1	.2	2.3	3.7	0.0	0.0	0.0	2.5
4	0.0	0.0	0.0	2.9	8.8	0.0	8.8	.4	0.0	9.4	9.4	4.8
5	0.0	10.1	10.1	4.8	.5	0.0	.5	2.6	6.4	1.2	7.6	.2
6	.3	11.2	11.5	6.7	.7	1.6	2.3	1.8	.4	0.0	.4	2.3
7	1.6	0.0	1.6	2.6	8.1	1.2	9.3	.1	0.0	0.0	0.0	5.2
8	0.0	2.2	2.2	4.3	18.0	0.0	18.0	0.0	0.0	0.0	0.0	4.7
9	1.2	0.0	1.2	2.0	3.0	.3	3.3	.3	0.0	2.0	2.0	.9
10	2.3	.6	2.9	.7	22.7	2.5	25.2	7.3	20.4	0.0	20.4	3.9
11	0.0	0.0	0.0	0.0	1.0	1.4	2.4	3.4	0.0	0.0	0.0	4.5
12	0.0	0.0	0.0	7.0	5.1	1.0	6.1	2.9	.4	1.0	1.4	3.3
13	.7	0.0	.7	2.9	1.5	11.7	13.2	2.2	.9	0.0	.9	2.0
14	8.8	0.0	8.8	5.3	0.0	15.3	15.3	2.2	18.3	7.1	25.4	.2
15	3.9	0.0	3.9	4.2	5.7	2.0	7.7	0.0	0.0	.1	.1	0.0
16	0.0	0.0	0.0	9.4	.9	.1	1.0	0.0	0.0	0.0	0.0	2.9
17	0.0	7.9	7.9	5.1	.2	7.2	7.4	.8	0.0	0.0	0.0	.3
18	.4	.1	.5	.5	.8	.1	.9	2.8	2.0	0.0	2.0	4.1
19	0.0	0.0	0.0	2.1	0.0	0.0	0.0	4.4	6.6	0.0	6.6	3.9
20	0.0	0.0	0.0	9.1	10.8	0.0	10.8	3.4	0.0	0.0	0.0	5.1
21	0.0	0.0	0.0	9.2	.3	0.0	.3	.6	0.0	0.0	0.0	6.1
22	0.0	0.0	0.0	6.3	5.5	0.0	5.5	3.2	.1	0.0	.1	2.3
23	0.0	0.0	0.0	6.8	0.0	0.0	0.0	1.4	0.0	0.0	0.0	3.1
24	0.0	0.0	0.0	1.6	6.1	32.1	38.2	3.6	0.0	0.0	0.0	1.9
25	0.0	0.0	0.0	4.1	3.0	0.0	3.0	.4	.1	0.0	.1	3.0
26	.8	31.5	32.3	2.4	.1	0.0	.1	2.1	0.0	0.0	0.0	4.3
27	0.0	0.0	0.0	1.6	.1	1.4	1.5	2.6	0.0	0.0	0.0	3.8
28	0.0	0.0	0.0	2.2	.5	0.0	.5	0.0	9.2	4.0	13.2	3.1
29	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	1.3	0.0	1.3	.1
30	0.0	0.0	0.0	2.0	2.3	0.0	2.3	3.0	0.0	.2	.2	5.2
31	24.9	.1	25.0	1.3					0.0	0.0	0.0	5.6
TOTAL	55.0	65.1	120.1	121.6	109.7	78.3	188.0		70.8	25.0	95.8	94.6

ESTACION: LLANADAS

DPTO: CALDAS

LATITUD : 05° 12'N

LONGITUD: 75° 08'W

AÑO: 1991

MPIO: MANZANARES

ALTITUD : 1420 m.

DIA	ENERO			FEBRERO			MARZO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	.2	2.1	2.3	0.0	0.0	0.0	0.0	.1	.1
2	.2	38.4	38.6	.1	4.2	4.3	17.1	0.0	17.1
3	2.2	0.0	2.2	1.7	0.0	1.7	0.0	25.9	25.9
4	.1	0.0	.1	1.3	76.1	77.4	0.0	16.0	16.0
5	0.0	3.4	3.4	.3	0.0	.3	1.9	2.8	4.7
6	.3	0.0	.3	0.0	.6	.6	6.0	.3	6.3
7	0.0	0.0	0.0	5.7	0.0	5.7	.1	2.1	2.2
8	0.0	0.0	0.0	.1	.2	.3	.5	0.0	.5
9	0.0	9.3	9.3	0.0	1.4	1.4	2.5	.2	2.7
10	2.2	0.0	2.2	0.0	1.0	1.0	1.5	37.3	38.8
11	0.0	0.0	0.0	.2	17.0	17.2	25.2	1.2	26.4
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	.2	.2	0.0	0.0	0.0	16.4	0.0	16.4
14	0.0	2.6	2.6	1.3	.8	2.1	1.3	0.0	1.3
15	0.0	.9	.9	1.6	0.0	1.6	.5	.7	1.2
16	0.0	0.0	0.0	0.0	.6	.6	0.0	0.0	0.0
17	0.0	.7	.7	.1	1.0	1.1	0.0	0.0	0.0
18	.1	5.7	5.8	0.0	.4	.4	0.0	0.0	0.0
19	0.0	.2	.2	.7	89.3	90.0	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
21	0.0	0.0	0.0	0.0	0.0	0.0	2.7	16.5	19.2
22	0.0	0.0	0.0	.8	0.0	.8	0.0	38.2	38.2
23	0.0	0.0	0.0	0.0	0.0	0.0	9.8	1.5	11.3
24	0.0	0.0	0.0	.1	.9	1.0	2.8	49.8	52.6
25	0.0	0.0	0.0	0.0	.3	.3	.7	.1	.8
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9
27	0.0	0.0	0.0	6.6	0.0	6.6	2.0	0.0	2.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	.1	.1				3.0	0.0	3.0
30	0.0	1.0	1.0				14.2	0.0	14.2
31	0.0	2.4	2.4				1.8	0.0	1.8
TOTAL	5.3	67.0	72.3	20.6	193.8	214.4	110.0	199.6	309.6

DIA	ABRIL			MAYO			JUNIO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	1.2	1.2	.6	51.0	51.6	0.0	0.0	0.0
2	.8	1.4	2.2	0.0	9.4	9.4	0.0	3.2	3.2
3	.5	0.0	.5	.1	14.5	14.6	0.0	23.1	23.1
4	0.0	23.1	23.1	.4	.1	.5	0.0	45.8	45.8
5	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	5.3
6	0.0	12.2	12.2	9.3	0.0	9.3	0.0	0.0	0.0
7	0.0	37.4	37.4	0.0	0.0	0.0	0.0	0.0	0.0
8	.1	5.8	5.9	0.0	.1	.1	0.0	0.0	0.0
9	.9	0.0	.9	.1	3.0	3.1	.1	0.0	.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	24.7	3.6	28.3	14.2	6.6	20.8	0.0	0.0	0.0
12	0.0	.6	.6	0.0	0.0	0.0	0.0	0.0	0.0
13	2.2	7.3	9.5	0.0	0.0	0.0	0.0	3.1	3.1
14	5.5	11.2	16.7	0.0	0.0	0.0	0.0	28.8	28.8
15	0.0	.1	.1	1.6	.3	1.9	0.0	.4	.4
16	.7	.1	.8	24.6	0.0	24.6	.2	0.0	.2
17	1.2	41.0	42.2	47.4	18.0	65.4	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	11.3	11.3	0.0	0.0	0.0
19	.6	0.0	.6	2.0	8.8	10.8	0.0	15.5	15.5
20	0.0	0.0	0.0	4.1	5.7	9.8	1.0	0.0	1.0
21	.1	2.0	2.1	.2	.1	.3	0.0	8.9	8.9
22	0.0	0.0	0.0	0.0	10.2	10.2	2.9	3.2	6.1
23	0.0	0.0	0.0	.9	0.0	.9	0.0	0.0	0.0
24	0.0	0.0	0.0	6.2	0.0	6.2	0.0	2.9	2.9
25	.1	0.0	.1	0.0	2.5	2.5	0.0	67.9	67.9
26	1.3	0.0	1.3	.1	0.0	.1	.5	.5	1.0
27	0.0	10.7	10.7	0.0	0.0	0.0	.1	1.9	2.0
28	6.8	7.4	14.2	0.0	1.3	1.3	12.9	0.0	12.9
29	0.0	35.8	35.8	0.0	13.8	13.8	0.0	0.0	0.0
30	0.0	9.6	9.6	4.9	1.5	6.4	0.0	0.0	0.0
31				1.4	8.7	10.1			
TOTAL	45.5	210.5	256.0	118.1	166.9	285.0	23.0	205.2	228.2

ESTACION: LLANADAS

DPTO: CALDAS

LATITUD : 05° 12'N

AÑO: 1991

MPIO: MANZANARES

LONGITUD: 75° 08'W

ALTITUD : 1420 m.

DIA	JULIO Precipitación mm.			AGOSTO Precipitación mm.			SEPTIEMBRE Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	.3	1.5	1.8	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
3	0.0	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
4	.3	0.0	.3	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	12.3	12.3	0.0	0.0	0.0
7	0.0	12.4	12.4	0.0	13.4	13.4	0.0	0.0	0.0
8	0.0	0.0	0.0	.2	16.9	17.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	.2	.3	.5
13	0.0	0.0	0.0	.1	0.0	.1	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	20.6
15	0.0	0.0	0.0	0.0	0.0	0.0	20.1	12.4	32.5
16	0.0	0.0	0.0	0.0	0.0	0.0	5.0	25.7	30.7
17	0.0	6.2	6.2	0.0	0.0	0.0	.1	12.4	12.5
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.6	17.6
19	0.0	.9	.9	0.0	0.0	0.0	0.0	14.0	14.0
20	0.0	0.0	0.0	0.0	0.0	0.0	.3	1.8	2.1
21	0.0	0.0	0.0	0.0	0.0	0.0	7.3	53.1	60.4
22	0.0	0.0	0.0	0.0	0.0	0.0	.3	2.5	2.8
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	.1	16.3	16.4
25	0.0	0.0	0.0	0.0	0.0	0.0	8.1	4.5	12.6
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	1.3	0.0	1.3	0.0	0.0	0.0	.2	12.4	12.6
28	0.0	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0
29	3.5	5.1	8.6	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	27.5	27.5	0.0	4.7	4.7	0.0	7.4	7.4
31	12.9	0.0	12.9	0.0	0.0	0.0			
TOTAL	18.0	70.6	88.6	.6	48.8	49.4	41.7	201.0	242.7

DIA	OCTUBRE Precipitación mm.			NOVIEMBRE Precipitación mm.			DICIEMBRE Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	23.7	23.7	0.0	3.0	3.0	0.0	26.8	26.8
2	0.0	.4	.4	0.0	7.7	7.7	.9	0.0	.9
3	0.0	0.0	0.0	17.1	9.0	26.1	0.0	23.3	23.3
4	0.0	0.0	0.0	25.6	8.1	33.7	0.0	2.3	2.3
5	7.1	1.4	8.5	0.0	0.0	0.0	0.0	8.4	8.4
6	.4	18.7	19.1	.2	0.0	.2	0.0	57.9	57.9
7	3.5	14.7	18.2	18.9	16.7	35.6	0.0	9.1	9.1
8	15.4	0.0	15.4	0.0	.7	.7	.4	1.5	1.9
9	0.0	3.0	3.0	.7	0.0	.7	0.0	7.6	7.6
10	.6	2.3	2.9	0.0	0.0	0.0	0.0	.1	.1
11	.1	28.8	28.9	0.0	0.0	0.0	0.0	28.2	28.2
12	0.0	0.0	0.0	0.0	4.6	4.6	0.0	5.5	5.5
13	0.0	0.0	0.0	6.9	2.0	8.9	0.0	41.0	41.0
14	0.0	0.0	0.0	15.1	1.4	16.5	2.1	2.4	4.5
15	6.0	16.8	22.8	33.9	3.3	37.2	.2	13.5	13.7
16	0.0	1.7	1.7	9.2	10.0	19.2	1.2	0.0	1.2
17	0.0	0.0	0.0	1.3	4.5	5.8	0.0	.5	.5
18	0.0	0.0	0.0	0.0	1.5	1.5	2.6	1.5	4.1
19	0.0	0.0	0.0	0.0	27.6	27.6	1.0	6.0	7.0
20	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	.1	0.0	.1	0.0	.1	.1
22	0.0	0.0	0.0	.4	18.7	19.1	0.0	7.7	7.7
23	0.0	0.0	0.0	2.9	9.8	12.7	0.0	3.9	3.9
24	0.0	29.5	29.5	.5	0.0	.5	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	.6	0.0	.6	0.0	12.7	12.7	0.0	35.4	35.4
27	.8	0.0	.8	0.0	.6	.6	0.0	23.0	23.0
28	0.0	38.6	38.6	0.0	0.0	0.0	.6	0.0	.6
29	0.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	11.5	11.5	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0				0.0	0.0	0.0
TOTAL	34.5	191.2	225.7	132.8	141.9	274.7	9.0	305.7	314.7

ESTACION: SANTA ANA

DPTO: CALDAS

LATITUD : 05° 01'N

LONGITUD: 75° 40'W

ALTITUD : 1250 m.

AÑO: 1991

MPIO: PALESTINA

DIA	ENERO			FEBRERO			MARZO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	0.0	0.0	0.0	1.8	8.8	10.6
2	0.0	2.1	2.1	8.6	38.7	47.3	0.0	9.2	9.2
3	.1	0.0	.1	3.8	0.0	3.8	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	14.1
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	8.8	8.8	0.0	0.0	0.0	0.0	1.4	1.4
7	0.0	0.0	0.0	0.0	0.0	0.0	17.2	0.0	17.2
8	0.0	.8	.8	0.0	0.0	0.0	2.9	10.5	13.4
9	0.0	0.0	0.0	0.0	0.0	0.0	.3	0.0	.3
10	0.0	0.0	0.0	0.0	0.0	0.0	.7	.2	.9
11	0.0	9.1	9.1	2.3	0.0	2.3	0.0	0.0	0.0
12	0.0	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	2.5	2.5	0.0	0.0	0.0	0.0	102.7	102.7
14	1.0	1.9	2.9	0.0	0.0	0.0	8.7	1.7	10.4
15	0.0	0.0	0.0	0.0	69.8	69.8	0.0	6.3	6.3
16	0.0	.9	.9	0.0	0.0	0.0	2.0	2.7	4.7
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.7	.7
18	0.0	.2	.2	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
20	0.0	0.0	0.0	0.0	15.1	15.1	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
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	3.6	39.6	43.2
24	0.0	0.0	0.0	0.0	0.0	0.0	8.4	11.3	19.7
25	0.0	0.0	0.0	0.0	0.0	0.0	2.2	80.3	82.5
26	0.0	0.0	0.0	1.9	0.0	1.9	4.4	10.5	14.9
27	0.0	0.0	0.0	0.0	30.4	30.4	0.0	3.3	3.3
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	4.0
31	0.0	0.0	0.0	0.0	0.0	0.0	.3	3.7	4.0
TOTAL	1.1	27.9	29.0	16.6	154.0	170.6	52.5	311.0	363.5

DIA	ABRIL			MAYO			JUNIO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	3.8	13.9	17.7	0.0	0.0	0.0	1.7	0.0	1.7
2	0.0	0.0	0.0	.1	0.0	.1	0.0	.1	.1
3	0.0	0.0	0.0	0.0	12.0	12.0	0.0	0.0	0.0
4	0.0	0.0	0.0	.3	33.1	33.4	0.0	5.8	5.8
5	0.0	10.7	10.7	.7	0.0	.7	0.0	.2	.2
6	0.0	3.3	3.3	0.0	24.0	24.0	0.0	0.0	0.0
7	0.0	14.3	14.3	0.0	0.0	0.0	0.0	3.1	3.1
8	2.5	42.9	45.4	0.0	.2	.2	0.0	0.0	0.0
9	0.0	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	.3	.3	0.0	0.0	0.0
11	.1	4.4	4.5	0.0	10.7	10.7	0.0	0.0	0.0
12	3.9	6.9	10.8	1.1	43.6	44.7	0.0	0.0	0.0
13	3.5	0.0	3.5	0.0	0.0	0.0	0.0	18.5	18.5
14	0.0	9.3	9.3	0.0	32.9	32.9	0.0	21.0	21.0
15	0.0	0.0	0.0	0.0	2.5	2.5	0.0	32.2	32.2
16	0.0	1.8	1.8	.2	9.4	9.6	0.0	0.0	0.0
17	.4	0.0	.4	19.5	2.7	22.2	.2	0.0	.2
18	0.0	18.6	18.6	3.1	1.1	4.2	0.0	2.1	2.1
19	0.0	1.7	1.7	5.9	13.7	19.6	5.3	0.0	5.3
20	0.0	1.1	1.1	.9	1.4	2.3	0.0	21.6	21.6
21	0.0	0.0	0.0	0.0	1.8	1.8	0.0	0.0	0.0
22	0.0	2.6	2.6	1.3	0.0	1.3	0.0	0.0	0.0
23	0.0	.1	.1	19.0	3.0	22.0	0.0	0.0	0.0
24	0.0	0.0	0.0	.6	0.0	.6	.1	9.3	9.4
25	0.0	0.0	0.0	0.0	0.0	0.0	.3	11.4	11.7
26	7.8	0.0	7.8	0.0	45.2	45.2	4.3	24.2	28.5
27	1.4	1.9	3.3	0.0	0.0	0.0	0.0	22.2	22.2
28	1.1	1.2	2.3	0.0	.3	.3	0.0	1.3	1.3
29	.8	.3	1.1	4.6	23.8	28.4	2.3	0.0	2.3
30	3.6	33.2	36.8	0.0	0.0	0.0	1.8	0.0	1.8
31	0.0	0.0	0.0	0.0	53.2	53.2	0.0	0.0	0.0
TOTAL	28.9	172.4	201.3	57.3	314.9	372.2	16.0	173.0	189.0

ESTACION: SANTA ANA

DPTO: CALDAS

LATITUD : 05° 01'N

AÑO: 1991

MPIO: PALESTINA

LONGITUD: 75° 40'W

ALTITUD : 1250 m.

DIA	JULIO Precipitación mm.			AGOSTO Precipitación mm.			SEPTIEMBRE Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	.3	0.0	.3	1.9	0.0	1.9	0.0	0.0	0.0
2	0.0	0.0	0.0	.3	2.8	3.1	0.0	0.0	0.0
3	0.0	7.4	7.4	0.0	0.0	0.0	0.0	0.0	0.0
4	2.5	4.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0
5	.1	4.5	4.6	.8	.4	1.2	0.0	0.0	0.0
6	0.0	20.4	20.4	0.0	0.0	0.0	0.0	0.0	0.0
7	5.7	1.2	6.9	.4	36.6	37.0	0.0	0.0	0.0
8	0.0	1.7	1.7	0.0	25.9	25.9	0.0	0.0	0.0
9	1.5	0.0	1.5	0.0	8.1	8.1	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
11	0.0	2.4	2.4	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
13	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	18.0	18.0
15	0.0	8.2	8.2	0.0	0.0	0.0	.6	22.6	23.2
16	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	4.2
17	0.0	.5	.5	0.0	0.0	0.0	0.0	2.5	2.5
18	0.0	0.0	0.0	0.0	2.0	2.0	.3	29.1	29.4
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3
20	0.0	0.0	0.0	0.0	0.0	0.0	11.3	1.3	12.6
21	0.0	4.8	4.8	0.0	0.0	0.0	0.0	8.1	8.1
22	3.9	0.0	3.9	0.0	0.0	0.0	6.7	7.4	14.1
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.3	.3
24	1.2	0.0	1.2	0.0	0.0	0.0	.7	0.0	.7
25	0.0	0.0	0.0	0.0	0.0	0.0	5.4	23.3	28.7
26	0.0	1.1	1.1	0.0	0.0	0.0	0.0	2.1	2.1
27	0.0	0.0	0.0	0.0	0.0	0.0	.2	0.0	.2
28	0.0	4.4	4.4	0.0	0.0	0.0	0.0	40.6	40.6
29	0.0	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
30	2.9	30.6	33.5	0.0	0.0	0.0	.3	.2	.5
31	4.8	4.4	9.2	0.0	0.0	0.0			
TOTAL	22.9	100.0	122.9	3.4	75.8	79.2	27.6	159.9	187.5

DIA	OCTUBRE Precipitación mm.			NOVIEMBRE Precipitación mm.			DICIEMBRE Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	.7	0.0	.7	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	5.0	5.0	0.0	22.5	22.5	1.3	7.0	8.3
3	0.0	0.0	0.0	0.0	56.9	56.9	.5	0.0	.5
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.6	34.6
5	12.2	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	4.9	0.0	4.9	0.0	0.0	0.0
8	6.8	0.0	6.8	1.4	0.0	1.4	0.0	10.3	10.3
9	0.0	.9	.9	2.5	3.7	6.2	1.4	0.0	1.4
10	1.4	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	.4	.4	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	4.1	4.1	4.6	19.6	24.2
13	3.8	1.1	4.9	0.0	.4	.4	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	1.4	1.4	0.0	11.9	11.9
15	0.0	0.0	0.0	32.8	0.0	32.8	3.6	9.5	13.1
16	0.0	0.0	0.0	0.0	0.0	0.0	1.1	.3	1.4
17	3.7	30.9	34.6	0.0	.3	.3	20.5	0.0	20.5
18	2.8	0.0	2.8	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
20	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	27.0	0.0	27.0	0.0	0.0	0.0
22	0.0	0.0	0.0	2.0	6.2	8.2	.1	0.0	.1
23	0.0	0.0	0.0	.2	0.0	.2	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	12.0	12.0	0.0	0.0	0.0
25	0.0	28.1	28.1	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0
27	.2	0.0	.2	0.0	0.0	0.0	0.0	0.0	0.0
28	1.1	0.0	1.1	0.0	48.3	48.3	0.0	9.3	9.3
29	.8	8.6	9.4	0.0	0.0	0.0	3.1	.1	3.2
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	.8	0.0	.8				.1	.7	.8
TOTAL	34.3	79.5	113.8	70.8	156.2	227.0	36.3	103.3	139.6

ESTACION: LA ROMELIA

DPTO: CALDAS

LATITUD : 04° 58'N

LONGITUD: 75° 40'W

AÑO: 1991

MPIO: CHINCHINA

ALTITUD : 1400 m.

DIA	ENERO			FEBRERO			MARZO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	3.3	0.0	3.3	0.0	0.0	0.0	1.1	20.0	21.1
2	0.0	.6	.6	2.9	23.5	26.4	1.8	1.9	3.7
3	.4	0.0	.4	26.0	0.0	26.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	.2	6.9	7.1
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	12.0	12.0	.1	0.0	.1	0.0	18.3	18.3
7	0.0	0.0	0.0	0.0	0.0	0.0	23.5	0.0	23.5
8	0.0	1.5	1.5	0.0	0.0	0.0	.7	2.8	3.5
9	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	13.8	0.0	13.8
11	0.0	22.3	22.3	10.9	0.0	10.9	0.0	0.0	0.0
12	.2	0.0	.2	0.0	0.0	0.0	.5	0.0	.5
13	0.0	16.5	16.5	0.0	.2	.2	0.0	62.0	62.0
14	1.5	5.9	7.4	.2	0.0	.2	5.3	1.8	7.1
15	0.0	0.0	0.0	0.0	18.9	18.9	0.0	0.0	0.0
16	0.0	0.0	0.0	.1	0.0	.1	11.0	10.2	21.2
17	0.0	0.0	0.0	0.0	0.0	0.0	.3	0.0	.3
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	1.4	1.4	0.0	0.0	0.0
20	0.0	2.5	2.5	0.0	1.0	1.0	0.0	0.0	0.0
21	0.0	0.0	0.0	.2	.1	.3	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.0	3.1
24	0.0	0.0	0.0	0.0	0.0	0.0	10.1	7.0	17.1
25	0.0	.1	.1	0.0	.1	.1	4.2	69.5	73.7
26	0.0	0.0	0.0	12.6	0.0	12.6	1.7	3.9	5.6
27	0.0	0.0	0.0	0.0	22.7	22.7	0.0	3.2	3.2
28	0.0	0.0	0.0	.1	0.0	.1	0.0	0.0	0.0
29	0.0	2.1	2.1				0.0	0.0	0.0
30	.2	0.0	.2				.1	4.1	4.2
31	0.0	0.0	0.0				1.1	.1	1.2
TOTAL	5.6	63.5	69.1	53.1	67.9	121.0	76.5	213.7	290.2

DIA	ABRIL			MAYO			JUNIO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	8.7	8.7	.3	0.0	.3	1.2	0.0	1.2
2	0.0	0.0	0.0	0.0	3.1	3.1	0.0	55.4	55.4
3	0.0	0.0	0.0	.8	0.0	.8	0.0	0.0	0.0
4	0.0	0.0	0.0	.1	31.0	31.1	0.0	2.2	2.2
5	.1	1.2	1.3	.7	0.0	.7	.4	0.0	.4
6	0.0	8.6	8.6	0.0	69.2	69.2	0.0	0.0	0.0
7	0.0	0.0	0.0	.9	0.0	.9	0.0	0.0	0.0
8	15.4	28.7	44.1	0.0	0.0	0.0	.1	0.0	.1
9	0.0	1.7	1.7	4.3	0.0	4.3	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	2.9	2.9	0.0	0.0	0.0
11	0.0	4.2	4.2	0.0	4.1	4.1	0.0	0.0	0.0
12	4.2	.4	4.6	1.5	1.5	3.0	0.0	0.0	0.0
13	23.2	0.0	23.2	0.0	.4	.4	0.0	19.5	19.5
14	.1	6.8	6.9	0.0	21.2	21.2	.3	4.3	4.6
15	.2	0.0	.2	0.0	0.0	0.0	2.9	9.3	12.2
16	0.0	0.0	0.0	0.0	6.1	6.1	0.0	0.0	0.0
17	0.0	0.0	0.0	5.5	1.8	7.3	2.1	0.0	2.1
18	0.0	11.9	11.9	6.4	3.9	10.3	0.0	1.3	1.3
19	0.0	8.6	8.6	19.7	10.7	30.4	11.0	0.0	11.0
20	0.0	0.0	0.0	.7	2.8	3.5	0.0	.2	.2
21	0.0	0.0	0.0	.2	.7	.9	0.0	0.0	0.0
22	.4	1.3	1.7	.6	0.0	.6	.1	10.4	10.5
23	.3	.1	.4	10.9	2.3	13.2	1.3	61.8	63.1
24	0.0	0.0	0.0	.1	0.0	.1	.2	22.3	22.5
25	0.0	24.1	24.1	0.0	0.0	0.0	.5	11.9	12.4
26	0.0	.8	.8	0.0	8.8	8.8	15.2	25.1	40.3
27	1.8	0.0	1.8	0.0	0.0	0.0	0.0	40.5	40.5
28	.5	0.0	.5	0.0	.3	.3	0.0	0.0	0.0
29	0.0	0.0	0.0	7.4	27.8	35.2	1.6	0.0	1.6
30	.6	27.5	28.1	2.3	0.0	2.3	0.0	0.0	0.0
31				0.0	59.9	59.9			
TOTAL	46.6	134.6	181.4	82.4	258.5	320.9	36.9	264.2	301.1

ESTACION: LA ROMELIA

DPTO: CALDAS

LATITUD : 04° 58'N

AÑO: 1991

MPIO: CHINCHINA

LONGITUD: 75° 40'W
ALTITUD : 1400 m.

DIA	JULIO			AGOSTO			SEPTIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	2.3	0.0	2.3	0.0	0.0	0.0
2	0.0	2.0	2.0	10.8	2.4	13.2	0.0	0.0	0.0
3	0.0	1.5	1.5	0.0	0.0	0.0	3.7	0.0	3.7
4	36.5	.2	36.7	.1	0.0	.1	0.0	0.0	0.0
5	.4	1.9	2.3	.2	11.3	11.5	0.0	0.0	0.0
6	0.0	2.7	2.7	0.0	.1	.1	0.0	0.0	0.0
7	3.9	1.6	5.5	0.0	24.7	24.7	0.0	0.0	0.0
8	0.0	15.2	15.2	0.0	7.8	7.8	.1	0.0	.1
9	2.5	0.0	2.5	0.0	0.0	0.0	.6	.1	.7
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	.6	.6	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	.3	.3	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5	32.5
15	0.0	.6	.6	0.0	0.0	0.0	10.2	19.6	29.8
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0
17	0.0	17.5	17.5	0.0	10.8	10.8	0.0	3.0	3.0
18	0.0	0.0	0.0	0.0	1.7	1.7	1.3	.8	2.1
19	0.0	0.0	0.0	.6	0.0	.6	0.0	20.8	20.8
20	0.0	0.0	0.0	0.0	0.0	0.0	39.4	.7	40.1
21	.6	6.0	6.6	0.0	0.0	0.0	0.0	2.5	2.5
22	0.0	0.0	0.0	0.0	0.0	0.0	12.7	9.0	21.7
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	1.4	0.0	1.4	0.0	0.0	0.0	1.0	0.0	1.0
25	0.0	0.0	0.0	0.0	0.0	0.0	3.0	16.1	19.1
26	0.0	1.9	1.9	0.0	0.0	0.0	0.0	2.1	2.1
27	0.0	0.0	0.0	0.0	0.0	0.0	.7	0.0	.7
28	.2	4.8	5.0	0.0	0.0	0.0	0.0	15.5	15.5
29	.3	0.0	.3	0.0	0.0	0.0	0.0	0.0	0.0
30	10.8	20.2	31.0	0.0	0.0	0.0	.8	.2	1.0
31	5.2	2.2	7.4	0.0	0.0	0.0			
TOTAL	61.8	79.2	141.0	14.0	58.8	72.8	73.5	130.9	204.4

DIA	OCTUBRE			NOVIEMBRE			DICIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	2.9	0.0	2.9	0.0	18.0	18.0	0.0	0.0	0.0
2	0.0	2.5	2.5	0.0	0.0	0.0	0.0	34.5	34.5
3	0.0	0.0	0.0	0.0	39.7	39.7	0.0	0.0	0.0
4	0.0	0.0	0.0	21.2	0.0	21.2	0.0	59.3	59.3
5	2.5	0.0	2.5	0.0	0.0	0.0	.5	0.0	.5
6	0.0	.9	.9	.6	0.0	.6	0.0	0.0	0.0
7	18.6	0.0	18.6	5.5	5.2	10.7	0.0	0.0	0.0
8	8.8	0.0	8.8	3.9	1.4	5.3	0.0	7.2	7.2
9	1.6	.1	1.7	1.2	3.8	5.0	1.8	0.0	1.8
10	.9	0.0	.9	0.0	0.0	0.0	0.0	0.0	0.0
11	.7	0.0	.7	0.0	0.0	0.0	0.0	.4	.4
12	0.0	0.0	0.0	0.0	6.6	6.6	0.0	16.3	16.3
13	10.1	.1	10.2	0.0	0.0	0.0	0.0	0.0	0.0
14	.1	0.0	.1	1.3	1.0	2.3	0.0	15.4	15.4
15	0.0	0.0	0.0	8.8	0.0	8.8	9.4	9.1	18.5
16	0.0	0.0	0.0	0.0	4.9	4.9	.2	1.9	2.1
17	30.1	11.4	41.5	0.0	0.0	0.0	23.8	0.0	23.8
18	6.4	0.0	6.4	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
20	0.0	0.0	0.0	0.0	0.0	0.0	.1	.2	.3
21	0.0	0.0	0.0	5.4	0.0	5.4	0.0	2.7	2.7
22	0.0	0.0	0.0	2.0	0.0	2.0	2.4	0.0	2.4
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	17.9	17.9	0.0	0.0	0.0
25	1.1	17.1	18.2	.2	0.0	.2	.2	.1	.3
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	.7	.2	.9	0.0	0.0	0.0	0.0	5.1	5.1
28	1.6	0.0	1.6	0.0	18.0	18.0	0.0	3.4	3.4
29	.9	2.7	3.6	0.0	0.0	0.0	2.7	0.0	2.7
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	5.1	0.0	5.1				0.0	0.0	0.0
TOTAL	92.1	35.0	127.1	50.1	116.5	166.6	41.1	155.6	196.7

ESTACION: SANTA ROSITA

DPTO: CUNDINAMARCA

LATITUD : 05° 17'N

AÑO: 1991

MPIO: EL PEÑON

LONGITUD : 74° 17'W

ALTITUD : 1430 m.

DIA	ENERO			FEBRERO			MARZO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	9.1	9.1	0.0	0.0	0.0	0.0	14.7	14.7
2	0.0	0.0	0.0	0.0	1.8	1.8	1.1	0.0	1.1
3	6.2	7.8	14.0	0.0	0.0	0.0	.7	0.0	.7
4	0.0	3.5	3.5	0.0	17.4	17.4	0.0	0.0	0.0
5	2.9	0.0	2.9	0.0	0.0	0.0	0.0	2.5	2.5
6	8.1	.1	8.2	0.0	7.1	7.1	13.3	19.4	32.7
7	0.0	11.6	11.6	.1	45.9	46.0	.4	6.5	6.9
8	0.0	0.0	0.0	.3	0.0	.3	2.6	5.6	8.2
9	0.0	0.0	0.0	0.0	6.4	6.4	4.3	0.0	4.3
10	.4	0.0	.4	0.0	0.0	0.0	0.0	5.2	5.2
11	0.0	0.0	0.0	26.7	.6	27.3	9.2	3.5	12.7
12	0.0	0.0	0.0	8.7	0.0	8.7	6.5	.7	7.2
13	0.0	0.0	0.0	15.4	1.3	16.7	8.0	0.0	8.0
14	0.0	0.0	0.0	0.0	0.0	0.0	.3	.8	1.1
15	0.0	.2	.2	11.0	0.0	11.0	22.5	.1	22.6
16	0.0	0.0	0.0	26.0	0.0	26.0	.4	9.4	9.8
17	0.0	0.0	0.0	9.7	7.0	16.7	.2	0.0	.2
18	.1	1.8	1.9	8.4	.3	8.7	0.0	0.0	0.0
19	1.1	3.5	4.6	0.0	.6	.6	0.0	0.0	0.0
20	1.8	0.0	1.8	.4	2.4	2.8	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
22	0.0	0.0	0.0	0.0	0.0	0.0	.2	0.0	.2
23	0.0	0.0	0.0	0.0	0.0	0.0	5.0	34.1	39.1
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.4	72.4
26	0.0	0.0	0.0	0.0	0.0	0.0	27.3	14.1	41.4
27	0.0	0.0	0.0	22.8	15.8	38.6	0.0	30.0	30.0
28	0.0	0.0	0.0	.1	.2	.3	0.0	0.0	0.0
29	0.0	0.0	0.0				6.6	0.0	6.6
30	0.0	0.0	0.0				0.0	9.0	9.0
31	0.0	0.0	0.0				.4	6.1	6.5
TOTAL	20.6	37.6	58.2	129.6	106.8	236.4	109.0	234.1	343.1

DIA	ABRIL			MAYO			JUNIO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	11.1	.6	11.7	21.5	0.0	21.5	24.9	.2	25.1
2	0.0	0.0	0.0	21.0	11.8	32.8	18.4	12.5	30.9
3	0.0	3.8	3.8	0.0	62.0	62.0	0.0	0.0	0.0
4	8.7	0.0	8.7	.7	10.4	11.1	.9	3.3	4.2
5	8.8	0.0	8.8	.7	0.0	.7	.6	0.0	.6
6	1.2	0.0	1.2	14.6	0.0	14.6	0.0	0.0	0.0
7	0.0	0.0	0.0	3.0	0.0	3.0	2.6	0.0	2.6
8	11.3	19.4	30.7	0.0	0.0	0.0	0.0	0.0	0.0
9	.1	16.2	16.3	0.0	0.0	0.0	0.0	0.0	0.0
10	6.4	27.4	33.8	.2	0.0	.2	0.0	0.0	0.0
11	2.7	36.2	38.9	0.0	0.0	0.0	0.0	0.0	0.0
12	.8	11.3	12.1	3.2	0.0	3.2	0.0	0.0	0.0
13	.7	0.0	.7	0.0	49.7	49.7	0.0	0.0	0.0
14	.6	0.0	.6	1.4	0.0	1.4	1.0	5.0	6.0
15	.4	0.0	.4	0.0	0.0	0.0	.5	1.5	2.0
16	.1	.9	1.0	.1	2.1	2.2	12.4	1.3	13.7
17	.8	9.3	10.1	.9	0.0	.9	29.2	0.0	29.2
18	.2	0.0	.2	9.8	16.7	26.5	3.6	11.8	15.4
19	0.0	0.0	0.0	0.0	60.0	60.0	.2	0.0	.2
20	0.0	0.0	0.0	8.6	14.7	23.3	.5	0.0	.5
21	0.0	0.0	0.0	.2	2.5	2.7	0.0	0.0	0.0
22	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0
23	0.0	0.0	0.0	.3	17.5	17.8	0.0	0.0	0.0
24	0.0	0.0	0.0	.6	0.0	.6	.3	0.0	.3
25	.8	.4	1.2	2.2	.3	2.5	0.0	0.0	0.0
26	1.5	1.1	2.6	0.0	.7	.7	31.2	29.4	60.6
27	0.0	0.0	0.0	0.0	0.0	0.0	1.4	5.5	6.9
28	10.2	1.1	11.3	0.0	0.0	0.0	0.0	0.0	0.0
29	2.0	18.3	20.3	0.0	1.1	1.1	0.0	0.0	0.0
30	20.1	3.8	23.9	0.0	0.0	0.0	0.0	0.0	0.0
31				0.0	.1	.1			
TOTAL	88.5	149.8	238.3	91.0	249.6	340.6	127.7	70.5	198.2

ESTACION: SANTA ROSITA

DPTO: CUNDINAMARCA

LATITUD : 05° 17'N

AÑO: 1991

MPIO: EL PEÑON

LONGITUD: 74° 17'W
ALTITUD : 1430 m.

DIA	JULIO			AGOSTO			SEPTIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Dia	Noche	Total	Dia	Noche	Total	Dia	Noche	Total
1	2.5	0.0	2.5	2.0	0.0	2.0	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
3	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	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	20.1	4.4	24.5	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0
8	0.0	0.0	0.0	3.5	0.0	3.5	0.0	0.0	0.0
9	0.0	0.0	0.0	39.0	.2	39.2	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
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	.9	0.0	.9	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	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	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	35.2	0.0	35.2
17	0.0	0.0	0.0	0.0	0.0	0.0	1.5	.1	1.6
18	0.0	0.0	0.0	.9	0.0	.9	.2	7.9	8.1
19	0.0	.5	.5	.8	0.0	.8	.1	2.0	2.1
20	0.0	0.0	0.0	.6	0.0	.6	7.0	59.8	66.8
21	.1	0.0	.1	0.0	0.0	0.0	9.4	3.2	12.6
22	0.0	0.0	0.0	0.0	0.0	0.0	.2	2.8	3.0
23	0.0	0.0	0.0	0.0	0.0	0.0	7.5	22.0	29.5
24	2.0	0.0	2.0	0.0	0.0	0.0	0.0	37.2	37.2
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.4	8.7
27	0.0	0.0	0.0	0.0	0.0	0.0	33.2	0.0	33.2
28	.5	0.0	.5	10.7	0.0	10.7	.1	0.0	.1
29	1.4	0.0	1.4	0.0	0.0	0.0	2.1	0.0	2.1
30	12.2	2.1	14.3	0.0	0.0	0.0	3.0	1.8	4.8
31	.4	0.0	.4	0.0	0.0	0.0	14.7	0.0	14.7
TOTAL	40.1	7.0	47.1	57.9	4.5	62.4	119.5	141.2	260.7

DIA	OCTUBRE			NOVIEMBRE			DICIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Dia	Noche	Total	Dia	Noche	Total	Dia	Noche	Total
1	0.0	16.0	16.0	34.8	3.0	37.8	0.0	0.0	0.0
2	0.0	4.0	4.0	0.0	1.9	1.9	.9	0.0	.9
3	0.0	6.0	6.0	.3	4.6	4.9	.9	0.0	.9
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7
5	0.0	1.0	1.0	49.2	0.0	49.2	1.0	0.0	1.0
6	0.0	0.0	0.0	12.5	6.7	19.2	1.8	0.0	1.8
7	0.0	32.0	32.0	0.0	0.0	0.0	.6	0.0	.6
8	0.0	13.0	13.0	.5	19.1	19.6	23.0	23.6	46.6
9	0.0	1.0	1.0	.2	19.6	19.8	.5	.2	.7
10	0.0	1.0	1.0	5.5	.1	5.6	6.4	4.3	10.7
11	0.0	1.0	1.0	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
13	0.0	0.0	0.0	11.5	10.3	21.8	0.0	0.0	0.0
14	0.0	0.0	0.0	3.3	6.1	9.4	0.0	0.0	0.0
15	0.0	16.0	16.0	1.0	0.0	1.0	1.2	.4	1.5
16	0.0	1.0	1.0	2.5	6.7	9.2	0.0	1.0	1.0
17	0.0	0.0	0.0	0.0	0.0	0.0	.9	5.0	5.9
18	0.0	0.0	0.0	6.7	1.6	8.3	.7	0.0	.7
19	0.0	0.0	0.0	.9	.7	1.6	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	8.4	8.4	0.0	0.0	0.0
21	0.0	0.0	0.0	1.3	0.0	1.3	11.9	7.5	19.4
22	0.0	0.0	0.0	0.0	.2	.2	.8	.5	1.3
23	0.0	0.0	0.0	3.2	.5	3.7	0.0	0.0	0.0
24	0.0	0.0	0.0	.1	12.7	12.8	0.0	25.6	25.6
25	0.0	9.0	9.0	0.0	7.0	7.0	0.0	.6	.6
26	0.0	0.0	0.0	0.0	0.0	0.0	.6	13.6	14.2
27	0.0	3.0	3.0	0.0	1.1	1.1	0.0	10.8	10.8
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	3.7
29	0.0	4.0	4.0	0.0	0.0	0.0	.2	29.4	29.6
30	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	9.0	9.0	0.0	0.0	0.0	0.0	.2	.2
TOTAL	0.0	119.0	119.0	133.5	110.3	243.8	51.4	129.1	180.5

ESTACION: BREMEN

AÑO: 1991

DPTO: QUINDIO

MPIO: CIRCASIA

LATITUD : 04° 40'N

LONGITUD: 75° 37'W

ALTITUD : 2040 m.

DIA	ENERO			FEBRERO			MARZO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	7.9	1.3	9.2	0.0	0.0	0.0	7.5	1.7	9.2
2	.4	29.6	30.0	.7	.9	1.6	3.8	21.7	25.5
3	1.9	.4	2.3	9.5	.1	9.6	0.0	18.8	18.8
4	.3	1.3	1.6	0.0	0.0	0.0	4.2	19.8	24.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	2.9	1.4	4.3	1.1	0.0	1.1	15.3	70.6	85.9
7	0.0	0.0	0.0	.9	.2	1.1	38.0	.1	38.1
8	0.0	0.0	0.0	.1	0.0	.1	0.0	30.6	30.6
9	2.1	0.0	2.1	0.0	0.0	0.0	59.3	.2	59.5
10	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	1.8
11	35.9	19.5	55.4	3.8	0.0	3.8	18.8	0.0	18.8
12	3.8	21.2	25.0	14.4	0.0	14.4	2.4	0.0	2.4
13	4.2	35.7	39.9	27.4	0.0	27.4	10.8	1.0	11.8
14	13.2	.4	13.6	.2	.1	.3	19.3	0.0	19.3
15	.3	0.0	.3	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	1.3	0.0	1.3
17	0.0	0.0	0.0	0.0	15.7	15.7	9.3	0.0	9.3
18	4.2	0.0	4.2	2.2	.1	2.3	0.0	0.0	0.0
19	.3	.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0
20	1.5	0.0	1.5	16.9	5.0	21.9	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.3	.3
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	4.0	15.5	19.5
24	0.0	0.0	0.0	0.0	0.0	0.0	29.5	.1	29.6
25	0.0	0.0	0.0	0.0	.4	.4	6.8	12.5	19.3
26	0.0	0.0	0.0	.3	0.0	.3	4.1	8.1	12.2
27	0.0	0.0	0.0	0.0	0.0	0.0	.2	.5	.7
28	0.0	0.0	0.0	6.5	0.0	6.5	7.5	0.0	7.5
29	1.3	.1	1.4				0.0	0.0	0.0
30	0.0	0.0	0.0				0.0	34.5	34.5
31	0.0	0.0	0.0				4.1	0.0	4.1
TOTAL	80.2	111.8	192.0	84.0	22.5	106.5	248.0	236.0	484.0

DIA	ABRIL			MAYO			JUNIO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	10.6	10.6	0.0	0.0	0.0	0.0	19.8	19.8
2	0.0	0.0	0.0	0.0	5.0	5.0	1.7	1.5	3.2
3	0.0	0.0	0.0	3.5	32.9	36.4	.2	0.0	.2
4	0.0	0.0	0.0	1.1	.8	1.9	0.0	.1	.1
5	18.1	1.0	19.1	.1	0.0	.1	0.0	0.0	0.0
6	2.9	0.0	2.9	.6	0.0	.6	.6	0.0	.6
7	27.3	.2	27.5	8.6	0.0	8.6	0.0	0.0	0.0
8	7.8	30.3	38.1	0.0	0.0	0.0	0.0	0.0	0.0
9	10.9	19.7	30.6	1.4	0.0	1.4	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	2.4	2.4	0.0	0.0	0.0
11	.8	.1	.9	.1	0.0	.1	0.0	0.0	0.0
12	1.5	.1	1.6	2.7	.3	3.0	0.0	0.0	0.0
13	.1	24.3	24.4	0.0	0.0	0.0	0.0	0.0	0.0
14	2.9	12.2	15.1	28.7	0.0	28.7	0.0	0.0	0.0
15	0.0	0.0	0.0	.3	.5	.8	20.6	.1	20.7
16	0.0	0.0	0.0	.1	25.1	25.2	3.0	.5	3.5
17	.8	0.0	.8	13.8	.2	14.0	0.0	0.0	0.0
18	.6	34.4	35.0	39.8	0.0	39.8	2.3	0.0	2.3
19	0.0	0.0	0.0	6.7	40.1	46.8	0.0	0.0	0.0
20	0.0	0.0	0.0	24.9	5.9	31.8	.5	.5	1.1
21	0.0	0.0	0.0	4.3	3.8	8.1	0.0	0.0	0.0
22	0.0	0.0	0.0	3.5	0.0	3.5	.1	3.2	3.9
23	.1	0.0	.1	5.5	3.8	9.3	.2	0.0	.2
24	0.0	0.0	0.0	1.6	0.0	1.6	1.0	0.0	1.0
25	0.0	0.0	0.0	0.0	.1	.1	.9	0.0	.9
26	42.5	0.0	42.5	1.8	4.6	6.4	1.0	6.7	7.7
27	5.4	0.0	5.4	0.0	0.0	0.0	1.3	1.8	3.1
28	1.3	.5	1.8	0.0	0.0	0.0	.6	.6	1.2
29	.1	0.0	.1	1.6	.2	1.8	.5	0.0	.5
30	.3	9.7	10.0	0.0	0.0	0.0	.3	0.0	.3
31				.7	1.3	2.0			
TOTAL	123.4	143.1	266.5	151.4	128.0	279.4	34.9	35.4	70.3

ESTACION: BREMEN

DPTO: QUINDIO

LATITUD : 04° 40'N

AÑO: 1991

MPIO: CIRCASIA

LONGITUD: 75° 37'W

ALTITUD : 2040 m.

DIA	JULIO			AGOSTO			SEPTIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	3.3	0.0	3.3	0.0	0.0	0.0
2	0.0	0.0	0.0	32.6	.3	32.9	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
4	0.0	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
5	4.8	.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	5.5	5.5	0.0	.7	.7	0.0	0.0	0.0
7	3.5	0.0	3.5	2.6	15.6	18.2	0.0	0.0	0.0
8	0.0	1.8	1.8	0.0	18.0	18.0	0.0	0.0	0.0
9	0.0	0.0	0.0	7.8	2.4	10.2	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
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	.9	0.0	.9	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3
15	0.0	0.0	0.0	0.0	0.0	0.0	7.4	2.3	9.7
16	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	9.6
17	0.0	0.0	0.0	0.0	0.0	0.0	20.3	0.0	20.3
18	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	16.7
19	0.0	0.0	0.0	0.0	0.0	0.0	16.2	0.0	16.2
20	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	9.7
21	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	9.6
22	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	9.6
23	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	5.2	14.4	19.6
26	0.0	0.0	0.0	0.0	0.0	0.0	.1	0.0	.1
27	1.5	0.0	1.5	0.0	0.0	0.0	0.0	.6	.6
28	.1	0.0	.1	0.0	0.0	0.0	36.6	1.7	38.3
29	1.2	.1	1.3	0.0	0.0	0.0	3.3	.1	3.4
30	7.7	29.7	37.4	0.0	0.0	0.0	2.3	26.7	29.0
31	4.9	5.6	10.5	0.0	2.2	2.2			
TOTAL	24.6	44.3	68.9	46.3	39.2	85.5	148.1	48.1	196.2

DIA	OCTUBRE			NOVIEMBRE			DICIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	.1	0.0	.1	.9	0.0	.9	4.5	0.0	4.5
2	4.2	4.4	8.6	.3	0.0	.3	10.7	3.4	14.1
3	0.0	0.0	0.0	6.6	7.4	14.0	4.4	.6	5.0
4	.8	0.0	.8	9.6	0.0	9.6	14.8	2.5	17.3
5	0.0	0.0	0.0	12.1	.6	12.7	2.4	0.0	2.4
6	8.9	52.6	61.5	12.1	0.0	12.1	0.0	0.0	0.0
7	49.2	0.0	49.2	17.2	2.5	19.7	15.7	.2	13.9
8	57.6	7.6	65.2	9.7	0.0	9.7	1.1	0.0	1.1
9	0.0	0.0	0.0	12.3	0.0	12.3	42.3	0.0	42.3
10	9.6	0.0	9.6	.7	3.3	4.0	0.0	0.0	0.0
11	2.2	0.0	2.2	10.2	.1	10.3	0.0	0.0	0.0
12	0.0	.6	.6	29.2	18.4	47.6	26.6	3.6	30.2
13	0.0	0.0	0.0	25.5	12.0	37.5	.2	0.0	.2
14	.6	0.0	.6	.9	3.4	4.3	.9	6.9	7.8
15	0.0	0.0	0.0	14.7	5.2	19.9	1.4	23.7	25.1
16	0.0	0.0	0.0	5.2	.1	5.3	.4	17.5	17.9
17	0.0	0.0	0.0	29.0	0.0	29.0	3.7	0.0	3.7
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	7.2
19	0.0	0.0	0.0	5.5	0.0	5.5	.3	.3	.6
20	0.0	0.0	0.0	20.8	0.0	20.8	4.4	0.0	4.4
21	0.0	0.0	0.0	12.5	0.0	12.5	19.9	.1	20.0
22	0.0	0.0	0.0	0.0	0.0	0.0	18.5	.3	18.8
23	.1	0.0	.1	0.0	0.0	0.0	0.0	0.0	0.0
24	2.0	0.0	2.0	3.1	10.5	13.6	0.0	0.0	0.0
25	.1	7.1	7.2	1.1	0.0	1.1	0.0	0.0	0.0
26	.1	2.9	3.0	.4	0.0	.4	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	10.8	0.0	10.8	2.9	2.0	4.9
29	0.0	34.1	34.1	0.0	0.0	0.0	1.7	0.0	1.7
30	0.0	0.0	0.0	6.6	0.0	6.6	0.0	0.0	0.0
31	40.4	0.0	40.4				9.6	.1	9.7
TOTAL	175.9	109.3	285.2	257.0	63.5	320.5	184.4	68.4	252.8

ESTACION: LA DELFITA

DPTO: RISARALDA

LATITUD : 05° 12'N

AÑO: 1991

MPIO: BELEN DE UMBRIA

LONGITUD: 75° 52'W
ALTITUD : 1520 m.

DIA	ENERO			FEBRERO			MARZO		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	3.1	0.0	3.1	0.0	21.3	21.3	3.8	.5	4.3
3	.1	2.0	2.1	1.3	0.0	1.3	3.2	0.0	3.2
4	.5	0.0	.5	0.0	0.0	0.0	0.0	.4	.4
5	0.0	8.8	8.8	0.0	0.0	0.0	0.0	.1	.1
6	1.7	0.0	1.7	0.0	1.0	1.0	.9	0.0	.9
7	.1	.1	.2	0.0	0.0	0.0	.3	3.3	3.6
8	0.0	5.8	5.8	0.0	0.0	0.0	2.7	10.3	13.0
9	0.0	0.0	0.0	0.0	0.0	0.0	.1	0.0	.1
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.5	.5
11	0.0	0.0	0.0	0.0	.1	.1	0.0	0.0	0.0
12	.7	0.0	.7	0.0	0.0	0.0	3.6	.8	4.4
13	0.0	3.4	3.4	0.0	0.0	0.0	0.0	40.2	40.2
14	.1	0.0	.1	0.0	0.0	0.0	1.4	4.0	5.4
15	4.0	0.0	4.0	0.0	20.8	20.8	0.0	16.3	16.3
16	0.0	0.0	0.0	.6	0.0	.6	0.0	2.5	2.5
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	.1	1.6	1.7	10.6	4.3	14.9	0.0	0.0	0.0
19	0.0	0.0	0.0	16.6	0.0	16.6	0.0	0.0	0.0
20	.8	0.0	.8	0.0	5.7	5.7	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	10.1
23	0.0	0.0	0.0	0.0	0.0	0.0	19.5	20.4	39.9
24	0.0	0.0	0.0	0.0	0.0	0.0	.3	11.5	11.8
25	0.0	0.0	0.0	.5	.3	.8	21.3	2.3	23.6
26	0.0	0.0	0.0	0.0	1.6	1.6	0.0	3.4	3.4
27	0.0	0.0	0.0	2.6	0.0	2.6	18.6	0.0	18.6
28	0.0	0.0	0.0				0.0	0.0	0.0
29	0.0	0.0	0.0				8.3	.5	8.8
30	0.0	0.0	0.0				4.0	1.3	5.3
31	0.0	0.0	0.0						
TOTAL	11.2	21.7	32.9	32.2	55.1	87.3	88.0	129.6	217.6

DIA	ABRIL			MAYO			JUNIO		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	6.6	.8	7.4	0.0	0.0	0.0	0.0	0.0	0.0
2	.7	0.0	.7	0.0	0.0	0.0	0.0	.5	.5
3	0.0	0.0	0.0	.2	.1	.3	.1	0.0	.1
4	0.0	0.0	0.0	5.4	2.7	8.1	0.0	0.0	0.0
5	0.0	4.3	4.3	1.0	0.0	1.0	0.0	0.0	0.0
6	21.2	2.4	23.6	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
8	2.0	10.5	12.5	0.0	2.0	2.0	0.0	0.0	0.0
9	0.0	51.9	51.9	2.0	0.0	2.0	0.0	0.0	0.0
10	.1	0.0	.1	0.0	7.8	7.8	0.0	0.0	0.0
11	.1	0.0	.1	0.0	1.6	1.6	0.0	0.0	0.0
12	38.8	0.0	38.8	.9	3.3	4.2	0.0	0.0	0.0
13	.3	0.0	.3	0.0	0.0	0.0	0.0	.5	.5
14	.3	10.6	10.9	0.0	22.7	22.7	.1	7.1	7.2
15	1.0	0.0	1.0	0.0	8.6	8.6	0.0	4.9	4.9
16	0.0	0.0	0.0	2.7	20.4	23.1	.1	12.1	12.2
17	0.0	0.0	0.0	46.6	0.0	46.6	2.2	0.0	2.2
18	0.0	.3	.3	.1	0.0	.1	3.1	0.0	3.1
19	0.0	0.0	0.0	0.0	15.0	15.0	0.0	0.0	0.0
20	0.0	3.9	3.9	18.0	1.6	19.6	0.0	4.2	4.2
21	0.0	0.0	0.0	2.6	2.5	5.1	0.0	0.0	0.0
22	0.0	20.8	20.8	4.5	.2	4.7	.1	0.0	.1
23	0.0	0.0	0.0	1.9	5.4	7.3	0.0	0.0	0.0
24	0.0	0.0	0.0	1.1	0.0	1.1	8.7	.8	9.5
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9
26	0.0	0.0	0.0	0.0	10.5	10.5	0.0	9.6	9.6
27	.1	7.2	7.3	0.0	0.0	0.0	.1	8.1	8.2
28	5.3	1.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	22.3	22.3	.1	0.0	.1
30	0.0	31.0	31.0	.4	.4	.8	.5	.2	.7
31				1.5	11.9	13.4			
TOTAL	76.5	144.7	221.2	88.9	139.0	227.9	15.1	54.9	70.0

ESTACION: LA DELFITA

DPTO: RISARALDA

LATITUD : 05° 12'N

AÑO: 1991

MPIO: BELEN DE UMBRIA

LONGITUD: 75° 52'W

ALTITUD : 1520 m.

DIA	JULIO			AGOSTO			SEPTIEMBRE		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	.3	.3	.4	0.0	.4	0.0	0.0	0.0
2	.1	1.0	1.1	.1	8.8	8.9	0.0	5.0	5.0
3	0.0	3.0	3.0	0.0	0.0	0.0	0.0	10.0	10.0
4	.8	5.2	6.0	0.0	12.0	12.0	0.0	10.0	10.0
5	.7	8.9	9.6	0.0	0.0	0.0	0.0	10.0	10.0
6	0.0	6.6	6.6	0.0	.1	.1	0.0	10.0	10.0
7	8.9	1.0	9.9	0.0	16.1	16.1	0.0	5.0	5.0
8	0.0	.7	.7	0.0	14.8	14.8	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	10.7	10.7	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
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	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	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
17	0.0	.5	.5	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	24.2	24.2	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	5.4	0.0	5.4	0.0	.3	.3	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	11.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	7.0
28	0.0	5.9	5.9	0.0	0.0	0.0	0.0	12.0	12.0
29	0.0	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0
30	2.4	39.4	41.8	0.0	0.0	0.0	0.0	0.0	0.0
31	5.3	14.8	20.1	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	23.6	114.3	137.9	.5	62.8	63.3	0.0	88.0	88.0

DIA	OCTUBRE			NOVIEMBRE			DICIEMBRE		
	Día	Noche	Total	Día	Noche	Total	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									
TOTAL									

ESTACION: PLANTA DE TRATAMIENTO DPTO: RISARALDA

LATITUD : 04° 48'N
LONGITUD: 75° 40'W
ALTITUD : 1450 m.

AÑO: 1991

MPIO: PEREIRA

DIA	ENERO			FEBRERO			MARZO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	.7	0.0	.7	14.2	10.5	24.7
2	0.0	15.6	15.6	0.0	30.9	30.9	.2	18.7	18.9
3	2.7	0.0	2.7	.1	0.0	.1	0.0	5.6	5.6
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	16.3
5	0.0	.2	.2	0.0	0.0	0.0	0.0	0.0	0.0
6	.2	25.8	26.0	0.0	0.0	0.0	.2	5.0	5.2
7	0.0	0.0	0.0	0.0	0.0	0.0	4.8	.2	5.0
8	0.0	0.0	0.0	.3	0.0	.3	0.0	7.6	7.6
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.2	.2
10	0.0	0.0	0.0	0.0	0.0	0.0	5.7	.7	6.4
11	2.3	25.3	27.6	0.0	0.0	0.0	11.9	0.0	11.9
12	1.4	14.8	16.2	8.6	0.0	8.6	.1	0.0	.1
13	.6	24.5	25.1	0.0	0.0	0.0	0.0	3.3	3.3
14	2.8	1.1	3.9	0.0	2.5	2.5	45.2	1.7	46.9
15	0.0	0.0	0.0	0.0	.1	.1	0.0	0.0	0.0
16	0.0	2.3	2.3	1.5	0.0	1.5	.2	16.6	16.8
17	1.6	.3	1.9	0.0	.8	.8	0.0	0.0	0.0
18	.5	0.0	.5	12.0	.2	12.2	0.0	0.0	0.0
19	2.4	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0
20	.9	0.0	.9	1.8	1.5	3.3	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
22	0.0	0.0	0.0	0.0	0.0	0.0	32.2	0.0	32.2
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	6.7
24	0.0	0.0	0.0	6.1	0.0	6.1	22.0	19.4	41.4
25	0.0	0.0	0.0	0.0	9.2	9.2	5.9	30.0	35.9
26	0.0	0.0	0.0	.8	0.0	.8	1.3	9.0	10.3
27	0.0	0.0	0.0	0.0	1.8	1.8	0.0	.2	.2
28	.2	0.0	.2	7.6	0.0	7.6	2.5	0.0	2.5
29	0.0	0.0	0.0				0.0	0.0	0.0
30	2.3	0.0	2.3				0.0	22.0	22.0
31	0.0	0.0	0.0				19.4	0.0	19.4
TOTAL	17.9	109.9	127.8	39.5	47.0	86.5	165.8	173.7	339.5

DIA	ABRIL			MAYO			JUNIO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	1.6	1.6	.2	0.0	.2	1.3	0.0	1.3
2	0.0	0.0	0.0	0.0	38.1	38.1	0.0	12.4	12.4
3	0.0	0.0	0.0	.9	2.1	3.0	0.0	0.0	0.0
4	13.4	0.0	13.4	0.0	7.0	7.0	0.0	1.8	1.8
5	.4	12.3	12.7	1.5	0.0	1.5	.1	0.0	.1
6	1.8	0.0	1.8	8.8	.1	8.9	.2	.5	.7
7	10.7	7.2	17.9	9.9	0.0	9.9	0.0	0.0	0.0
8	2.9	9.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0
9	.2	0.0	.2	13.3	0.0	13.3	1.8	0.0	1.8
10	12.3	3.5	15.8	30.2	.1	30.3	0.0	0.0	0.0
11	2.1	6.9	9.0	1.5	0.0	1.5	0.0	0.0	0.0
12	45.4	15.9	61.3	5.5	25.9	31.4	9.1	0.0	9.1
13	0.0	24.1	24.1	0.0	0.0	0.0	44.6	0.0	44.6
14	0.0	0.0	0.0	.2	.1	.3	11.1	0.0	11.1
15	0.0	0.0	0.0	.5	0.0	.5	5.9	5.7	11.6
16	0.0	1.8	1.8	10.7	8.9	19.6	2.5	2.5	5.0
17	0.0	0.0	0.0	16.8	.7	17.5	3.2	0.0	3.2
18	0.0	0.0	0.0	2.2	20.7	22.9	25.7	0.0	25.7
19	0.0	0.0	0.0	4.2	27.3	31.5	0.0	0.0	0.0
20	11.0	0.0	11.0	16.6	30.3	46.9	5.0	3.2	8.2
21	6.4	0.0	6.4	.5	1.1	1.6	0.0	1.0	1.0
22	.8	0.0	.8	.6	0.0	.6	.3	6.0	6.3
23	32.9	.2	33.1	.9	7.6	8.5	.1	10.5	10.6
24	0.0	2.9	2.9	1.3	0.0	1.3	2.2	0.0	2.2
25	.1	0.0	.1	0.0	0.0	0.0	52.0	0.0	52.0
26	1.5	4.9	6.4	9.4	.1	9.5	2.6	26.0	28.8
27	3.3	.1	3.4	0.0	0.0	0.0	.1	83.8	83.9
28	1.5	0.0	1.5	0.0	0.0	0.0	.1	0.0	.1
29	0.0	0.0	0.0	.7	0.0	.7	.3	.1	.4
30	2.5	16.9	19.4	.5	.1	.6	3.4	0.0	3.4
31				8.0	9.5	17.5			
TOTAL	149.4	116.1	265.5	144.9	179.7	324.6	171.8	153.5	325.3

ESTACION: PLANTA DE TRATAMIENTO DPTO: RISARALDA

LATITUD : 04° 48'N

AÑO: 1991

MPIO: PEREIRA

LONGITUD: 75° 40'W

ALTITUD : 1450 m.

DIA	JULIO Precipitación mm.			AGOSTO Precipitación mm.			SEPTIEMBRE Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	3.9	0.0	3.9	0.0	0.0	0.0
2	0.0	.7	.7	27.2	1.5	28.7	0.0	0.0	0.0
3	1.2	0.0	1.2	0.0	0.0	0.0	.2	0.0	.2
4	.6	2.3	2.9	.1	9.1	9.2	0.0	.1	.1
5	.8	.9	1.7	.8	.1	.9	19.9	0.0	19.9
6	3.4	5.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0
7	2.6	0.0	2.6	0.0	39.0	39.0	1.0	0.0	1.0
8	.4	2.2	2.6	0.0	10.8	10.8	.3	0.0	.3
9	1.4	0.0	1.4	2.8	19.3	22.1	.7	0.0	.7
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	.1	12.5	12.6	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	9.7
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	35.0
16	.6	0.0	.6	.2	0.0	.2	3.6	.9	4.5
17	0.0	0.0	0.0	0.0	0.0	0.0	.4	2.5	2.9
18	.2	0.0	.2	0.0	0.0	0.0	.3	.2	.5
19	.3	0.0	.3	.1	0.0	.1	1.6	2.7	4.3
20	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	21.0
21	0.0	1.2	1.2	.5	0.0	.5	.6	.7	1.3
22	0.0	0.0	0.0	7.6	0.0	7.6	3.4	4.8	8.2
23	0.0	0.0	0.0	3.8	1.3	5.1	.6	.1	.7
24	4.1	0.0	4.1	0.0	0.0	0.0	41.0	0.0	41.0
25	0.0	0.0	0.0	0.0	0.0	0.0	12.1	3.1	15.2
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	.1	0.0	.1
28	.1	0.0	.1	0.0	0.0	0.0	5.9	2.0	7.9
29	.4	.1	.5	0.0	0.0	0.0	0.0	0.0	0.0
30	1.3	17.5	18.8	0.0	0.0	0.0	1.8	.8	2.6
31	3.0	1.7	4.7	1.3	0.0	1.3			
TOTAL	20.5	44.2	64.7	48.3	81.1	129.4	114.5	62.6	177.1

DIA	OCTUBRE Precipitación mm.			NOVIEMBRE Precipitación mm.			DICIEMBRE Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	.6	0.0	.6	0.0	22.7	22.7	.3	.9	1.2
2	3.6	1.2	4.8	.7	2.4	3.1	.8	32.2	33.0
3	0.0	0.0	0.0	9.1	14.6	23.7	.7	0.0	.7
4	0.0	0.0	0.0	11.8	2.4	14.2	0.0	26.2	26.2
5	0.0	9.6	9.6	11.9	3.4	15.3	1.0	0.0	1.0
6	.1	1.9	2.0	37.8	0.0	37.8	0.0	0.0	0.0
7	0.0	0.0	0.0	56.5	9.5	66.0	0.0	0.0	0.0
8	.2	3.0	3.2	2.7	35.6	38.3	0.0	7.3	7.3
9	3.1	0.0	3.1	.2	0.0	.2	9.4	0.0	9.4
10	8.7	0.0	8.7	0.0	.6	.6	12.6	0.0	12.6
11	5.0	0.0	5.0	3.3	4.0	7.3	0.0	0.0	0.0
12	1.1	0.0	1.1	.1	24.1	24.2	.6	25.6	26.2
13	14.0	0.0	14.0	6.2	1.3	7.5	0.0	0.0	0.0
14	1.0	0.0	1.0	0.0	10.1	10.1	0.0	.5	.5
15	0.0	0.0	0.0	29.5	0.0	29.5	.1	30.7	30.8
16	0.0	0.0	0.0	1.6	7.9	9.5	.2	4.0	4.2
17	0.0	0.0	0.0	6.5	0.0	6.5	.5	0.0	.5
18	0.0	0.0	0.0	7.1	.1	7.2	.2	0.0	.2
19	.5	0.0	.5	12.9	0.0	12.9	0.0	0.0	0.0
20	0.0	0.0	0.0	1.6	.3	1.9	0.0	.4	.4
21	1.0	0.0	1.0	.1	0.0	.1	0.0	7.7	7.7
22	0.0	0.0	0.0	0.0	6.0	6.0	.1	0.0	.1
23	0.0	0.0	0.0	.2	3.0	.2	0.0	0.0	0.0
24	4.4	0.0	4.4	16.0	42.4	58.4	.1	0.0	.1
25	20.5	0.0	20.5	.7	0.0	.7	0.0	0.0	0.0
26	8.4	2.7	11.1	0.0	0.0	0.0	0.0	0.0	0.0
27	7.2	0.0	7.2	0.0	0.0	0.0	0.0	39.7	39.7
28	32.0	0.0	32.0	2.4	1.3	3.7	0.0	40.6	40.6
29	31.0	49.0	80.0	0.0	0.0	0.0	.4	0.0	.4
30	0.0	0.0	0.0	.6	0.0	.6	4.0	2.7	6.7
31	9.8	0.0	9.8				1.9	0.0	1.9
TOTAL	152.2	67.4	219.6	219.5	188.7	408.2	32.9	218.5	251.4

ESTACION: SANTIAGO GUTIERREZ

DPTO: VALLE

LATITUD : 04° 43'N

LONGITUD : 76° 07'W

AÑO: 1991

MPIO: ARGELIA

ALTITUD : 1550 m.

DIA	ENERO			FEBRERO			MARZO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	0.0	0.0	0.0	.7	.3	1.0
2	.4	1.8	2.2	0.0	23.3	23.3	19.8	.1	19.9
3	0.0	1.9	1.9	7.8	0.0	7.8	3.3	0.0	3.3
4	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	7.2
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	.4	.1	.5	0.0	0.0	0.0	0.0	3.7	3.7
7	0.0	0.0	0.0	0.0	0.0	0.0	.4	.4	.8
8	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	.1	11.9	12.0
10	0.0	0.0	0.0	0.0	0.0	0.0	.6	.4	1.0
11	55.3	.5	55.8	0.0	0.0	0.0	1.1	19.2	20.3
12	0.0	0.0	0.0	2.2	0.0	2.2	13.7	1.9	15.6
13	0.0	1.4	1.4	0.0	0.0	0.0	1.4	.5	1.9
14	0.0	0.0	0.0	.2	.2	.4	0.0	0.0	0.0
15	.6	0.0	.6	0.0	2.8	2.8	.4	0.0	.4
16	0.0	0.0	0.0	2.6	0.0	2.6	4.0	.7	4.7
17	0.0	0.0	0.0	0.0	1.3	1.3	3.3	1.9	5.2
18	0.0	0.0	0.0	0.0	0.0	0.0	.5	0.0	.5
19	0.0	0.0	0.0	.8	0.0	.8	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
21	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	0.0	0.0	0.0	5.4	0.0	5.4
23	0.0	0.0	0.0	0.0	0.0	0.0	8.8	2.2	11.0
24	0.0	0.0	0.0	.2	0.0	.2	1.2	.1	1.3
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.2
26	0.0	0.0	0.0	6.8	0.0	6.8	15.6	1.5	17.1
27	0.0	0.0	0.0	0.0	.1	.1	7.3	5.4	12.7
28	0.0	0.0	0.0	.2	.7	.9	10.3	0.0	10.3
29	0.0	0.0	0.0				0.0	0.0	0.0
30	0.0	0.0	0.0				5.1	2.0	7.1
31	0.0	0.0	0.0				2.5	0.0	2.5
TOTAL	56.7	5.7	62.4	20.8	28.4	49.2	112.7	57.4	170.1

DIA	ABRIL			MAYO			JUNIO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	.3	0.0	.3	0.0	0.0	0.0	16.1	.3	16.4
2	16.8	0.0	16.8	0.0	6.9	6.9	6.3	2.9	9.2
3	0.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	.1	.1	.4	.8	1.2
5	2.3	.4	2.7	4.9	0.0	4.9	.3	0.0	.3
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.4	.4
7	9.8	0.0	9.8	.2	0.0	.2	0.0	0.0	0.0
8	2.4	7.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0
9	2.0	1.3	3.3	10.6	0.0	10.6	0.0	10.6	10.6
10	0.0	1.1	1.1	3.8	3.5	7.3	0.0	0.0	0.0
11	0.0	35.7	35.7	0.0	0.0	0.0	0.0	0.0	0.0
12	5.2	0.0	5.2	4.7	.4	5.1	0.0	0.0	0.0
13	0.0	.3	.3	0.0	0.0	0.0	0.0	0.0	0.0
14	13.1	1.9	15.0	.4	.5	.9	0.0	7.5	7.5
15	0.0	0.0	0.0	0.0	.6	.6	5.4	4.4	9.8
16	0.0	0.0	0.0	1.1	.2	1.3	.6	0.0	.6
17	1.0	0.0	1.0	7.1	.3	7.4	0.0	0.0	0.0
18	0.0	.8	.8	0.0	.3	.3	0.0	0.0	0.0
19	0.0	0.0	0.0	21.1	16.0	37.1	0.0	0.0	0.0
20	6.3	.2	6.5	8.0	2.0	10.0	3.0	.1	3.4
21	0.0	0.0	0.0	11.0	3.3	14.3	15.6	0.0	15.6
22	.2	0.0	.2	.5	0.0	.5	0.0	.4	.4
23	0.0	.1	.1	15.3	14.9	30.2	0.0	.8	.8
24	.2	.2	.4	0.0	0.0	0.0	2.8	0.0	2.8
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.7
27	1.4	.1	1.5	0.0	.2	.2	0.0	9.8	9.8
28	38.3	0.0	38.3	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	1.1	1.1	0.0	0.0	0.0
30	3.9	.2	4.1	.3	0.0	.3	.9	0.0	.9
31				.1	5.7	5.8			
TOTAL	103.2	49.8	153.0	89.1	59.0	148.1	51.4	41.0	92.4

ESTACION: SANTIAGO GUTIERREZ

DPTO: VALLE

LATITUD : 04° 43'N

AÑO: 1991

MPIO: ARGELIA

LONGITUD: 76° 07'W
ALTITUD : 1550 m.

DIA	JULIO			AGOSTO			SEPTIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	.1	0.0	.1	0.0	0.0	0.0
2	0.0	.2	.2	1.6	.3	1.9	0.0	0.0	0.0
3	.6	0.0	.6	0.0	0.0	0.0	0.0	1.8	1.8
4	3.9	5.5	9.4	0.0	0.0	0.0	0.0	0.0	0.0
5	21.4	5.3	26.7	.8	0.0	.8	0.0	1.6	1.6
6	0.0	0.0	0.0	0.0	0.0	0.0	.2	.8	1.0
7	1.3	0.0	1.3	0.0	23.8	23.8	0.0	0.0	0.0
8	0.0	.1	.1	0.0	2.3	2.3	0.0	0.0	0.0
9	0.0	0.0	0.0	2.6	0.0	2.6	1.7	0.0	1.7
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	9.8	9.8	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	12.9	12.9	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.9
15	0.0	0.0	0.0	0.0	0.0	0.0	5.3	13.4	18.7
16	0.0	0.0	0.0	0.0	0.0	0.0	2.2	.1	2.3
17	4.3	0.0	4.3	0.0	0.0	0.0	5.8	10.0	15.8
18	0.0	0.0	0.0	20.7	0.0	20.7	1.5	0.0	1.5
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	9.8
20	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	7.3
21	0.0	0.0	0.0	0.0	0.0	0.0	3.8	5.1	8.9
22	0.0	0.0	0.0	0.0	0.0	0.0	14.1	7.4	21.5
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.9	.9
24	23.6	.1	23.7	0.0	0.0	0.0	5.3	0.0	5.3
25	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.3	4.8
26	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0	15.4
27	0.0	0.0	0.0	0.0	0.0	0.0	6.8	.2	7.0
28	0.0	0.0	0.0	0.0	0.0	0.0	1.3	8.1	9.4
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	3.9	10.7	14.6	0.0	0.0	0.0	0.0	0.0	0.0
31	.2	2.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	52.2	47.3	106.5	25.8	26.4	52.2	73.2	64.4	137.6

DIA	OCTUBRE			NOVIEMBRE			DICIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	0.0	0.0	0.0	.1	2.6	2.7
2	0.0	0.0	0.0	2.5	0.0	2.5	0.0	4.8	4.8
3	0.0	0.0	0.0	0.0	5.8	5.8	2.0	0.0	2.0
4	0.0	0.0	0.0	4.1	11.9	16.0	.4	8.3	8.7
5	0.0	0.0	0.0	.8	0.0	.8	7.8	0.0	7.8
6	0.0	0.0	0.0	5.1	.2	5.3	0.0	0.0	0.0
7	1.6	0.0	1.6	8.2	0.0	8.2	0.0	0.0	0.0
8	2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0
9	1.7	.5	2.2	1.1	.5	1.6	0.0	4.0	4.0
10	16.2	0.0	16.2	0.0	0.0	0.0	0.0	0.0	0.0
11	5.8	0.0	5.8	0.0	1.0	1.0	7.7	0.0	7.7
12	0.0	0.0	0.0	.7	0.0	.7	0.0	.5	.5
13	2.0	0.0	2.0	5.3	18.5	23.8	2.8	.2	3.0
14	.1	0.0	.1	3.7	.4	4.1	0.0	9.1	9.1
15	.1	0.0	.1	9.8	0.0	9.8	0.0	3.5	3.5
16	.4	0.0	.4	0.0	0.0	0.0	2.3	1.2	3.5
17	5.4	4.6	10.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	.4	.4	2.3	0.0	2.3
19	0.0	0.0	0.0	36.7	0.0	36.7	3.0	0.0	3.0
20	0.0	0.0	0.0	7.8	0.0	7.8	0.0	0.0	0.0
21	0.0	0.0	0.0	25.8	0.0	25.8	0.0	1.4	1.4
22	0.0	0.0	0.0	0.0	0.0	0.0	.4	0.0	.4
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	18.7	18.7	0.0	0.0	0.0
25	0.0	5.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0
26	26.3	.1	26.4	0.0	0.0	0.0	0.0	0.0	0.0
27	.2	0.0	.2	0.0	0.0	0.0	0.0	0.0	0.0
28	3.5	0.0	3.5	0.0	4.7	4.7	1.1	12.8	13.9
29	1.5	0.0	1.5	2.3	0.0	2.3	0.0	0.0	0.0
30	0.0	0.0	0.0	9.1	0.0	9.1	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	66.9	10.3	77.2	123.0	62.1	185.1	29.9	48.4	78.3

ESTACION: EL RECREO

DPTO: VALLE

LATITUD : 04° 42'N

AÑO: 1991

MPIO: ULLOA

LONGITUD: 75° 44'W

ALTITUD : 1410 m.

DIA	ENERO			FEBRERO			MARZO		
	Dia	Noche	Total	Dia	Noche	Total	Dia	Noche	Total
1	0.0	0.0	0.0	0.0	0.0	0.0	5.4	13.0	18.4
2	0.0	0.0	0.0	0.0	66.0	66.0	.1	8.3	8.4
3	0.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	.1	12.1	12.2
5	0.0	0.0	0.0	.5	.1	.6	0.0	0.0	0.0
6	1.9	.7	2.6	0.0	0.0	0.0	0.0	40.4	40.4
7	0.0	0.0	0.0	0.0	0.0	0.0	.2	.2	.4
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.9
10	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.2
11	1.3	21.5	22.8	0.0	0.0	0.0	2.1	0.0	2.1
12	0.0	32.8	32.8	.1	0.0	.1	.2	0.0	.2
13	1.8	4.5	6.3	.8	0.0	.8	3.7	.6	4.3
14	6.5	0.0	6.5	0.0	0.0	0.0	24.2	.1	24.3
15	0.0	0.0	0.0	3.9	0.0	3.9	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
17	0.0	0.0	0.0	0.0	8.2	8.2	0.0	0.0	0.0
18	0.0	16.4	16.4	.2	0.0	.2	0.0	0.0	0.0
19	.9	.7	1.6	0.0	1.9	1.9	0.0	0.0	0.0
20	.2	0.0	.2	.1	0.0	.1	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
22	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	6.7
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	6.4
24	0.0	0.0	0.0	0.0	0.0	0.0	.6	10.6	11.2
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	19.6
26	0.0	0.0	0.0	.3	0.0	.3	.9	5.2	6.1
27	0.0	0.0	0.0	1.4	.1	1.5	0.0	1.7	1.7
28	0.0	0.0	0.0	.4	0.0	.4	4.8	0.0	4.8
29	.2	0.0	.2				0.0	0.0	0.0
30	9.0	0.0	9.0				0.0	.7	.7
31	0.0	0.0	0.0				24.3	0.0	24.3
TOTAL	21.8	76.6	98.4	9.7	76.3	86.0	74.5	127.0	201.5

DIA	ABRIL			MAYO			JUNIO		
	Dia	Noche	Total	Dia	Noche	Total	Dia	Noche	Total
1	0.0	0.0	0.0	0.0	0.0	0.0	.9	0.0	.9
2	0.0	0.0	0.0	0.0	14.9	14.9	.5	8.1	8.6
3	0.0	0.0	0.0	4.2	5.4	9.6	0.0	0.0	0.0
4	0.0	0.0	0.0	.5	9.1	9.6	12.2	0.0	12.2
5	0.0	.2	.2	9.7	0.0	9.7	4.1	0.0	4.1
6	.4	0.0	.4	1.8	0.0	1.8	0.0	0.0	0.0
7	19.4	0.0	19.4	2.6	0.0	2.6	16.3	0.0	16.3
8	3.8	5.8	9.6	0.0	0.0	0.0	0.0	0.0	0.0
9	7.2	3.7	10.9	.4	0.0	.4	.2	0.0	.2
10	0.0	0.0	0.0	1.5	3.3	4.8	0.0	0.0	0.0
11	.8	10.5	11.3	1.5	7.7	9.2	2.3	0.0	2.3
12	1.1	4.6	5.7	1.3	6.6	7.9	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	2.7
14	.4	20.2	20.6	1.2	0.0	1.2	5.8	0.0	5.8
15	.5	0.0	.5	1.0	.1	1.1	0.0	8.1	8.1
16	0.0	0.0	0.0	15.0	21.7	36.7	.3	.1	.4
17	0.0	0.0	0.0	10.5	0.0	10.5	0.0	0.0	0.0
18	0.0	0.0	0.0	5.2	4.3	9.5	1.0	0.0	1.0
19	3.6	0.0	3.6	7.1	2.5	9.6	0.0	0.0	0.0
20	18.0	0.0	18.0	4.2	5.5	9.7	1.0	.2	1.2
21	0.0	0.0	0.0	.6	3.8	4.4	1.5	0.0	1.5
22	0.0	0.0	0.0	9.9	0.0	9.9	16.5	0.0	16.5
23	0.0	.1	.1	1.3	12.2	13.5	.2	8.5	8.7
24	0.0	0.0	0.0	1.2	0.0	1.2	.5	0.0	.5
25	.1	0.0	.1	0.0	0.0	0.0	0.0	0.0	0.0
26	.7	0.0	.7	0.0	0.0	0.0	.3	7.0	7.3
27	20.0	0.0	20.0	0.0	0.0	0.0	1.3	34.1	35.4
28	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
29	1.5	0.0	1.5	.8	.7	1.5	.6	0.0	.6
30	9.4	2.0	11.4	.5	0.0	.5	.3	.2	.5
31				30.2	4.2	34.4			
TOTAL	87.9	47.1	135.0	112.2	102.0	214.2	68.5	66.3	134.8

ESTACION: EL RECREO

DPTO: VALLE

LATITUD : 04° 42'N

AÑO: 1991

MPIO: ULLOA

LONGITUD: 75° 44'W

ALTITUD : 1410 m.

DIA	JULIO			AGOSTO			SEPTIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	1.9	0.0	1.9	0.0	0.0	0.0
2	0.0	0.0	0.0	15.2	.3	15.5	0.0	0.0	0.0
3	.1	0.0	.1	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	.6	.6	.9	0.0	.9	0.0	0.0	0.0
5	.4	0.0	.4	.2	.1	.3	0.0	0.0	0.0
6	5.5	3.9	9.4	0.0	.1	.1	0.0	0.0	0.0
7	.5	0.0	.5	1.0	36.8	37.8	0.0	0.0	0.0
8	1.6	.4	2.0	0.0	25.3	25.3	0.0	0.0	0.0
9	0.0	0.0	0.0	.4	.3	.7	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
11	.1	.4	.5	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
13	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
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.9	62.9
16	0.0	0.0	0.0	0.0	0.0	0.0	10.3	1.4	10.7
17	0.0	36.4	36.4	4.2	0.0	4.2	5.1	0.0	5.1
18	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	11.0
19	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.0	17.6
20	0.0	0.0	0.0	0.0	0.0	0.0	22.3	1.0	23.3
21	0.0	0.0	0.0	0.0	0.0	0.0	.9	0.0	.9
22	0.0	0.0	0.0	0.0	0.0	0.0	3.2	23.6	26.8
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.3	.3
24	18.7	0.0	18.7	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	1.9	6.8	8.7
26	.2	0.0	.2	0.0	0.0	0.0	0.0	0.0	0.0
27	4.4	0.0	4.4	0.0	0.0	0.0	.1	0.0	.1
28	0.0	0.0	0.0	0.0	0.0	0.0	14.3	10.5	24.8
29	8.9	0.0	8.9	0.0	0.0	0.0	1.0	0.0	1.0
30	.8	24.4	25.2	0.0	0.0	0.0	2.7	59.1	61.8
31	9.3	1.0	10.3	0.0	0.0	0.0			
TOTAL	50.5	67.1	117.6	23.8	62.9	86.7	90.4	164.6	255.0

DIA	OCTUBRE			NOVIEMBRE			DICIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	2.4	0.0	2.4	.1	2.5	2.6	3.2	0.0	3.2
2	.4	7.7	8.1	1.1	0.0	1.1	1.5	7.6	9.1
3	0.0	0.0	0.0	0.0	8.7	8.7	1.1	0.0	1.1
4	0.0	0.0	0.0	4.5	0.0	4.5	0.0	19.4	19.4
5	0.0	0.0	0.0	0.0	.5	.5	1.1	0.0	1.1
6	0.0	6.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	5.8	3.4	9.2	0.0	0.0	0.0
8	1.8	6.2	8.0	37.7	5.8	43.5	0.0	.2	.2
9	.3	0.0	.3	5.6	1.5	7.1	3.5	0.0	3.5
10	3.1	0.0	3.1	0.0	2.9	2.9	0.0	0.0	0.0
11	.5	0.0	.5	0.0	1.6	1.6	0.0	0.0	0.0
12	.1	0.0	.1	.5	43.2	43.7	20.0	9.3	29.3
13	0.0	0.0	0.0	.1	5.6	5.7	0.0	0.0	0.0
14	.5	.5	1.0	.8	41.9	42.7	0.0	3.9	3.9
15	0.0	0.0	0.0	27.2	.8	28.0	.2	11.4	11.6
16	0.0	0.0	0.0	0.0	.2	.2	0.0	5.6	5.6
17	0.0	0.0	0.0	4.5	0.0	4.5	.5	0.0	.5
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	11.0	0.0	11.0	0.0	0.0	0.0
20	0.0	0.0	0.0	.1	17.1	17.2	0.0	2.2	2.2
21	0.0	0.0	0.0	4.7	0.0	4.7	0.0	6.4	6.4
22	10.0	0.0	10.0	15.6	0.0	15.6	0.0	.1	.1
23	.7	0.0	.7	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	29.1	29.1	0.0	0.0	0.0
25	0.0	4.9	4.9	2.5	0.0	2.5	0.0	0.0	0.0
26	7.6	40.7	48.3	0.0	0.0	0.0	0.0	0.0	0.0
27	2.6	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
28	.2	0.0	.2	1.1	1.3	2.4	3.1	32.8	35.9
29	0.0	17.8	17.8	0.0	0.0	0.0	1.5	0.0	1.5
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	.3	0.0	.3				0.0	.4	.4
TOTAL	30.5	84.6	115.1	122.9	166.1	289.0	35.7	99.3	135.0

ESTACION: EL BERRION

DPTO: VALLE

LATITUD : 04° 41'N

LONGITUD: 75° 51'W

AÑO: 1991

MPIO: CARTAGO

ALTITUD : 1150 m.

DIA	ENERO			FEBRERO			MARZO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	2.3	2.3	0.0	0.0	0.0	3.7	39.2	42.9
2	0.0	0.0	0.0	2.5	59.3	61.8	1.4	.1	1.5
3	0.0	.2	.2	4.9	0.0	4.9	0.0	0.0	0.0
4	.9	0.0	.9	0.0	0.0	0.0	.1	2.9	3.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	.1	11.6	11.7	0.0	0.0	0.0	0.0	23.5	23.5
7	0.0	0.0	0.0	0.0	0.0	0.0	17.3	0.0	17.3
8	0.0	0.0	0.0	0.0	0.0	0.0	.5	1.5	2.0
9	0.0	0.0	0.0	0.0	0.0	0.0	4.7	10.4	15.1
10	0.0	0.0	0.0	0.0	0.0	0.0	.2	.1	.3
11	0.0	31.1	31.1	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	26.7	26.7	0.0	0.0	0.0	.2	0.0	.2
13	1.0	3.0	4.0	0.0	0.0	0.0	3.7	.2	3.9
14	.9	0.0	.9	0.0	2.0	2.0	38.3	.7	39.0
15	0.0	0.0	0.0	0.0	2.5	2.5	0.0	0.0	0.0
16	0.0	0.0	0.0	1.2	0.0	1.2	0.0	0.0	0.0
17	0.0	.7	.7	0.0	1.9	1.9	.4	1.2	1.6
18	7.1	5.2	12.3	0.0	0.0	0.0	0.0	0.0	0.0
19	5.9	0.0	5.9	0.0	.1	.1	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
21	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	0.0	0.0	0.0	16.2	0.0	16.2
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	8.7
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	16.5
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5
26	0.0	0.0	0.0	0.0	0.0	0.0	23.9	7.0	30.9
27	0.0	0.0	0.0	0.0	.5	.5	.1	1.3	1.4
28	1.0	0.0	1.0	.9	0.0	.9	4.3	0.0	4.3
29	0.0	0.0	0.0				0.0	0.0	0.0
30	6.0	.4	6.4				0.0	0.0	0.0
31	0.0	0.0	0.0				21.3	0.0	21.3
TOTAL	22.9	81.2	104.1	9.5	66.3	75.8	136.3	124.8	261.1

DIA	ABRIL			MAYO			JUNIO		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Día	Noche	Total	Día	Noche	Total	Día	Noche	Total
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	27.2
3	0.0	0.0	0.0	.2	2.7	2.9	0.0	0.0	0.0
4	0.0	0.0	0.0	2.4	11.3	13.7	28.9	0.0	28.9
5	0.0	.2	.2	15.5	0.0	15.5	.7	0.0	.7
6	.1	0.0	.1	0.0	0.0	0.0	.1	.6	.7
7	0.0	0.0	0.0	.7	0.0	.7	0.0	0.0	0.0
8	12.1	11.3	23.4	0.0	0.0	0.0	0.0	0.0	0.0
9	.5	16.8	17.3	.4	0.0	.4	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	4.7	4.7	4.9	0.0	4.9
11	0.0	40.0	40.0	1.1	39.0	40.1	0.0	0.0	0.0
12	2.0	.1	2.1	.4	1.3	1.7	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	.2	1.1	1.3
14	1.8	23.5	25.3	.3	.1	.4	0.0	0.0	0.0
15	0.0	0.0	0.0	4.3	0.0	4.3	0.0	.7	.7
16	0.0	0.0	0.0	23.7	6.3	30.0	.2	0.0	.2
17	0.0	0.0	0.0	8.5	0.0	8.5	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	.7	.7	0.0	0.0	0.0
19	0.0	0.0	0.0	9.6	9.0	18.6	0.0	0.0	0.0
20	20.9	5.9	26.8	1.3	39.0	40.3	.1	.6	.7
21	0.0	0.0	0.0	.4	1.8	2.2	.4	0.0	.4
22	0.0	0.0	0.0	2.5	0.0	2.5	.9	0.0	.9
23	0.0	.2	.2	.5	8.5	9.0	0.0	3.8	3.8
24	0.0	0.0	0.0	1.1	0.0	1.1	.9	0.0	.9
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	11.1
27	0.0	0.0	0.0	.5	.2	.7	.2	21.8	22.0
28	1.4	.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
29	8.4	.1	8.5	0.0	.1	.1	1.7	0.0	1.7
30	21.0	.4	21.4	.9	0.0	.9	0.0	0.0	0.0
31				0.0	12.3	12.3			
TOTAL	68.2	98.6	166.8	74.3	137.0	211.3	39.2	66.9	106.1

ESTACION: EL BERRION

DPTO: VALLE

LATITUD : 04° 41'N

AÑO: 1991

MPIO: CARTAGO

LONGITUD: 75° 51'W
ALTITUD : 1150 m.

DIA	JULIO			AGOSTO			SEPTIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Dia	Noche	Total	Dia	Noche	Total	Dia	Noche	Total
1	1.1	0.0	1.1	.9	0.0	.9	0.0	0.0	0.0
2	0.0	.6	.6	.6	4.5	5.1	5.3	0.0	5.3
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	.2	.8	1.0	.1	0.0	.1	5.6	0.0	5.6
5	0.0	.5	.5	0.0	0.0	0.0	0.0	0.0	0.0
6	.5	2.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0
7	.4	0.0	.4	1.1	12.5	13.6	0.0	0.0	0.0
8	.1	.5	.6	0.0	4.0	4.0	0.0	0.0	0.0
9	0.0	0.0	0.0	.1	.1	.2	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
11	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
13	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	1.3	1.3
15	0.0	0.0	0.0	0.0	0.0	0.0	.2	74.8	75.0
16	0.0	0.0	0.0	0.0	0.0	0.0	36.4	.2	36.6
17	0.0	4.0	4.0	.4	0.0	.4	41.5	.6	42.1
18	0.0	0.0	0.0	2.7	0.0	2.7	0.0	2.4	2.4
19	0.0	0.0	0.0	0.0	0.0	0.0	3.4	.5	3.9
20	0.0	0.0	0.0	0.0	0.0	0.0	5.7	.5	6.2
21	0.0	0.0	0.0	0.0	0.0	0.0	.7	0.0	.7
22	0.0	0.0	0.0	0.0	0.0	0.0	14.5	21.5	36.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	.8	.8
24	0.0	0.0	0.0	0.0	0.0	0.0	.5	0.0	.5
25	0.0	0.0	0.0	0.0	0.0	0.0	39.0	4.2	43.2
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	7.7	0.0	7.7	0.0	0.0	0.0	.1	0.0	.1
28	0.0	0.0	0.0	0.0	0.0	0.0	.7	1.9	2.6
29	.6	0.0	.6	0.0	0.0	0.0	0.0	0.0	0.0
30	10.0	9.5	19.5	0.0	0.0	0.0	.8	13.6	14.4
31	1.5	2.5	4.0	0.0	0.0	0.0			
TOTAL	22.1	21.0	43.1	5.9	21.1	27.0	154.4	122.3	276.7

DIA	OCTUBRE			NOVIEMBRE			DICIEMBRE		
	Precipitación mm.			Precipitación mm.			Precipitación mm.		
	Dia	Noche	Total	Dia	Noche	Total	Dia	Noche	Total
1	0.0	0.0	0.0	0.0	.5	.5	0.0	0.0	0.0
2	18.0	9.7	27.7	.6	0.0	.6	0.0	2.9	2.9
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	.1	0.0	.1	3.2	0.0	3.2	0.0	11.8	11.8
5	4.0	1.2	5.2	0.0	0.0	0.0	2.8	0.0	2.8
6	0.0	3.1	3.1	0.0	14.0	14.0	0.0	0.0	0.0
7	16.2	0.0	16.2	1.4	2.9	4.3	0.0	0.0	0.0
8	2.9	6.4	9.3	2.0	0.0	2.0	0.0	0.0	0.0
9	15.4	0.0	15.4	.8	1.6	2.4	1.4	0.0	1.4
10	4.9	0.0	4.9	0.0	8.2	8.2	0.0	0.0	0.0
11	.5	0.0	.5	0.0	.3	.3	0.0	3.6	3.6
12	0.0	0.0	0.0	0.0	23.9	23.9	2.0	21.2	23.2
13	2.6	0.0	2.6	.2	1.7	1.9	0.0	0.0	0.0
14	4.1	2.8	6.9	0.0	7.7	7.7	0.0	.4	.4
15	0.0	0.0	0.0	23.4	4.0	27.4	1.5	19.8	21.3
16	0.0	0.0	0.0	30.4	.6	31.0	0.0	2.6	2.6
17	0.0	0.0	0.0	0.0	0.0	0.0	.1	0.0	.1
18	0.0	0.0	0.0	.1	0.0	.1	0.0	0.0	0.0
19	0.0	0.0	0.0	1.9	0.0	1.9	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	1.2	1.2	0.0	0.0	0.0
21	0.0	0.0	0.0	1.7	0.0	1.7	0.0	4.0	4.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	13.5	13.5	0.0	0.0	0.0
25	0.0	4.5	4.5	2.5	0.0	2.5	0.0	0.0	0.0
26	0.0	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
27	3.0	0.0	3.0	0.0	0.0	0.0	0.0	1.4	1.4
28	.5	0.0	.5	0.0	6.1	6.1	2.4	50.0	52.4
29	5.3	2.2	7.5	0.0	0.0	0.0	2.7	0.0	2.7
30	.2	0.0	.2	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	77.7	31.3	109.0	68.2	86.2	154.4	12.9	117.7	130.6

PUESTO: BARILOCHE
AÑO: 1991

DPTO: ANTIOQUIA
MPIO: FREDONIA

LATITUD: 05° 56'N LONGITUD: 75° 37'W
ALTITUD : 1700 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	23.0	0.0	7.0	20.0	0.0	40.0	12.0	0.0	0.0	0.0	40.0	12.0	
2	0.0	0.0	0.0	0.0	4.0	20.0	6.0	0.0	0.0	26.0	0.0	0.0	
3	0.0	0.0	10.0	7.0	0.0	0.0	7.0	0.0	0.0	0.0	32.0	13.0	
4	4.0	0.0	8.0	0.0	16.0	70.0	18.0	0.0	0.0	0.0	38.0	0.0	
5	0.0	0.0	3.0	0.0	4.0	10.0	8.0	0.0	0.0	9.0	12.0	0.0	
6	0.0	0.0	0.0	17.0	0.0	0.0	11.0	0.0	0.0	0.0	19.0	0.0	
7	0.0	0.0	23.0	22.0	0.0	0.0	7.0	35.0	0.0	14.0	48.0	5.0	
8	0.0	0.0	0.0	8.0	0.0	0.0	5.0	25.0	0.0	26.0	17.0	6.0	
9	0.0	0.0	0.0	5.0	0.0	0.0	0.0	36.0	0.0	28.0	5.0	7.0	
10	0.0	0.0	3.0	12.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	5.0	0.0	17.0	0.0	0.0	0.0	0.0	23.0	18.0	0.0	
12	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	6.0	6.0	0.0	
13	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	8.0	
14	0.0	10.0	4.0	32.0	0.0	0.0	0.0	0.0	24.0	0.0	19.0	6.0	
15	0.0	0.0	0.0	4.0	5.0	18.0	0.0	0.0	12.0	0.0	7.0	14.0	
16	0.0	0.0	24.0	0.0	12.0	9.0	0.0	0.0	8.0	3.0	0.0	5.0	
17	0.0	21.0	0.0	0.0	28.0	19.0	0.0	0.0	22.0	29.0	12.0	0.0	
18	0.0	4.0	0.0	7.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	12.0	5.0	7.0	0.0	0.0	0.0	0.0	0.0	6.0	
21	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	3.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	17.0	8.0	21.0	17.0	0.0	0.0	0.0	0.0	17.0	0.0	
24	0.0	0.0	60.0	0.0	0.0	15.0	0.0	0.0	14.0	0.0	0.0	0.0	
25	0.0	0.0	21.0	0.0	0.0	7.0	0.0	0.0	23.0	19.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	22.0	15.0	0.0	
27	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	10.0	0.0	0.0	16.0	0.0	12.0	20.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	38.0	0.0	
30	0.0	0.0	0.0	13.0	0.0	0.0	30.0	0.0	0.0	18.0	13.0	0.0	
31	0.0	0.0	18.0	0.0	8.0	0.0	17.0	0.0	0.0	20.0	0.0	0.0	
TOTAL	27.0	52.0	203.0	189.0	175.0	262.0	137.0	96.0	139.0	270.0	356.0	82.0	ANUAL
DIAS LLUVIA	2	4	13	15	16	13	11	3	10	15	17	10	1983.0
													129

PUESTO: GUAYMARAL
AÑO: 1991

DPTO: CALDAS
MPIO: AGUADAS

LATITUD: 05° 40'N LONGITUD: 75° 23'W
ALTITUD : 1600 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	25.0	0.0	0.0	19.0	18.0	0.0	0.0	0.0	0.0	1.0	5.0	0.0	
2	2.0	0.0	20.0	0.0	0.0	5.0	0.0	0.0	0.0	42.0	19.0	3.0	
3	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	3.0	20.0	0.0	
4	0.0	0.0	35.0	0.0	8.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0	
5	0.0	0.0	0.0	2.0	0.0	3.0	32.0	0.0	0.0	10.0	7.0	0.0	
6	10.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	25.0	0.0	2.0	
8	0.0	0.0	1.0	15.0	0.0	0.0	0.0	26.0	0.0	3.0	4.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	4.0	5.0	0.0	
10	0.0	0.0	0.0	2.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
12	0.0	0.0	0.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
14	2.0	12.0	0.0	5.0	0.0	0.0	0.0	0.0	1.0	10.0	26.0	28.0	
15	0.0	5.0	0.0	0.0	0.0	6.0	0.0	0.0	10.0	0.0	0.0	29.0	
16	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	11.0	0.0	6.0	7.0	
17	0.0	0.0	0.0	0.0	3.0	15.0	0.0	0.0	2.0	2.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
20	0.0	8.0	0.0	13.0	9.0	0.0	0.0	0.0	7.0	0.0	1.0	0.0	
21	0.0	0.0	0.0	0.0	3.0	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	10.0	0.0	0.0	27.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
24	0.0	0.0	0.0	1.0	4.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
25	0.0	0.0	25.0	2.0	0.0	14.0	0.0	0.0	30.0	0.0	0.0	1.0	
26	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	7.0	0.0	
27	0.0	0.0	4.0	5.0	0.0	20.0	0.0	0.0	3.0	1.0	0.0	0.0	
28	0.0	0.0	0.0	16.0	1.0	5.0	0.0	0.0	10.0	1.0	40.0	40.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	9.0	3.0	0.0	0.0	
30	0.0	0.0	0.0	16.0	2.0	4.0	23.0	0.0	5.0	0.0	0.0	0.0	
31	0.0	0.0	10.0	0.0	6.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	39.0	25.0	95.0	104.0	99.0	121.0	89.0	54.0	141.0	120.0	145.0	112.0	ANUAL
DIAS LLUVIA	4	3	6	13	17	12	5	3	13	15	12	8	1144.0
													111

PUESTO: CUATRO ESQUINAS
AÑO: 1991

DPTO: CALDAS
MPIO: AGUADAS

LATITUD: 05° 40'N LONGITUD: 75° 25'W
ALTITUD : 1900 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	34.0	0.0	0.0	0.0	5.0	8.0	0.0	0.0	0.0	5.0	0.0	0.0	
2	0.0	0.0	21.0	0.0	0.0	10.0	5.0	0.0	0.0	21.0	35.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
4	0.0	0.0	20.0	0.0	10.0	11.0	3.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	3.0	2.0	0.0	
6	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	4.0	18.0	0.0	
8	0.0	0.0	0.0	15.0	8.0	0.0	6.0	22.0	0.0	31.0	2.0	2.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	33.0	0.0	
10	0.0	0.0	0.0	5.0	7.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
12	0.0	0.0	0.0	11.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
14	0.0	2.0	0.0	12.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	29.0	
15	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
22	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	8.0	16.0	11.0	0.0	0.0	17.0	0.0	0.0	0.0	
24	0.0	0.0	11.0	0.0	6.0	7.0	0.0	0.0	0.0	0.0	50.0	0.0	
25	0.0	0.0	12.0	31.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	
26	0.0	0.0	2.0	0.0	0.0	5.0	0.0	0.0	3.0	0.0	0.0	0.0	
27	0.0	0.0	19.0	5.0	0.0	12.0	0.0	0.0	0.0	7.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	16.0	0.0	30.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	10.0	0.0	0.0	25.0	0.0	2.0	0.0	0.0	0.0	
31	0.0	0.0	8.0	0.0	4.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	54.0	9.0	101.0	105.0	118.0	95.0	99.0	41.0	149.0	119.0	185.0	31.0	1106.0
DIAS LLUVIA	2	2	8	9	13	10	7	2	10	10	9	2	84

PUESTO: LA LINDA
AÑO: 1991

DPTO: CALDAS
MPIO: PACORA

LATITUD: 05° 32'N LONGITUD: 75° 32'W
ALTITUD : 1850 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	6.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0				
2	10.0	0.0	12.0	0.0	5.0	0.0	0.0	0.0	2.0				
3	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0	0.0				
4	45.0	0.0	71.0	0.0	0.0	0.0	2.0	0.0	0.0				
5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0				
6	0.0	0.0	4.0	0.0	26.0	7.0	34.0	0.0	10.0				
7	0.0	0.0	0.0	0.0	4.0	0.0	0.0	20.0	0.0				
8	0.0	0.0	23.0	8.0	0.0	0.0	20.0	27.0	0.0				
9	0.0	0.0	0.0	8.0	0.0	0.0	10.0	19.0	0.0				
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
11	19.0	20.0	12.0	0.0	14.0	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				
13	2.0	0.0	6.0	10.0	0.0	10.0	0.0	0.0	0.0				
14	0.0	0.0	0.0	15.0	0.0	16.0	0.0	0.0	45.0				
15	0.0	2.0	0.0	0.0	0.0	72.0	0.0	0.0	12.0				
16	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	32.0				
17	2.0	0.0	0.0	0.0	13.0	6.0	0.0	0.0	6.0				
18	0.0	0.0	0.0	19.0	0.0	0.0	0.0	14.0	10.0				
19	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
20	0.0	12.0	0.0	0.0	52.0	10.0	0.0	0.0	22.0				
21	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	12.0				
22	0.0	0.0	3.0	0.0	30.0	15.0	0.0	0.0	12.0				
23	0.0	0.0	0.0	20.0	12.0	0.0	0.0	0.0	60.0				
24	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	8.0				
25	0.0	0.0	37.0	0.0	0.0	46.0	0.0	0.0	0.0				
26	0.0	0.0	27.0	0.0	0.0	12.0	0.0	0.0	0.0				
27	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	80.0				
28	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0				
29	0.0	0.0	5.0	19.0	0.0	0.0	0.0	0.0	0.0				
30	0.0	0.0	0.0	0.0	14.0	7.0	21.0	0.0	0.0				
31	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0				
TOTAL	115.0	34.0	208.0	118.0	212.0	249.0	97.0	80.0	311.0				
DIAS LLUVIA	7	3	11	8	12	12	7	4	13				

PUESTO: EL DESCANSO
AÑO: 1991

DPTO: CALDAS
MPIO: MARMATO

LATITUD: 05° 30'N LONGITUD: 75° 37'W
ALTITUD : 1800 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	15.0	0.0	0.0	13.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
2	0.0	60.0	7.0	0.0	19.0	15.0	0.0	0.0	0.0	11.0	10.0	19.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	25.0	
4	0.0	0.0	25.0	0.0	55.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0	
5	1.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0	0.0	3.0	0.0	
6	9.0	0.0	21.0	0.0	0.0	0.0	2.0	0.0	9.0	9.0	0.0	0.0	
7	0.0	0.0	5.0	0.0	0.0	0.0	9.0	15.0	0.0	3.0	0.0	0.0	
8	0.0	0.0	0.0	11.0	0.0	0.0	2.0	28.0	0.0	0.0	15.0	69.0	
9	0.0	0.0	2.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	35.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
11	30.0	0.0	0.0	0.0	10.0	0.0	0.0	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	25.0	
13	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
14	0.0	0.0	2.0	7.0	0.0	0.0	0.0	0.0	5.0	0.0	15.0	20.0	
15	0.0	30.0	18.0	0.0	0.0	25.0	0.0	0.0	40.0	0.0	0.0	23.0	
16	0.0	0.0	0.0	0.0	3.0	35.0	0.0	0.0	9.0	0.0	0.0	15.0	
17	0.0	2.0	0.0	0.0	11.0	0.0	0.0	0.0	54.0	69.0	0.0	24.0	
18	0.0	5.0	0.0	10.0	66.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	
19	0.0	3.0	0.0	0.0	28.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	2.0	0.0	3.0	0.0	
21	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
22	0.0	0.0	9.0	2.0	4.0	5.0	0.0	0.0	35.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
24	0.0	0.0	21.0	0.0	1.0	25.0	0.0	0.0	0.0	0.0	5.0	0.0	
25	0.0	0.0	15.0	0.0	0.0	10.0	0.0	0.0	55.0	0.0	0.0	0.0	
26	0.0	0.0	17.0	2.0	0.0	30.0	0.0	0.0	20.0	45.0	0.0	0.0	
27	0.0	0.0	0.0	23.0	0.0	11.0	2.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	9.0	0.0	65.0	2.0	
29	0.0	0.0	0.0	7.0	20.0	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	15.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	2.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	68.0	100.0	144.0	96.0	271.0	156.0	96.0	52.0	288.0	151.0	216.0	247.0	1885.0
DIAS LLUVIA	5	5	12	10	14	8	8	3	14	7	10	11	107

PUESTO: HOGAR JUVENIL
AÑO: 1991

DPTO: CALDAS
MPIO: PENSILVANIA

LATITUD: 05° 30'N LONGITUD: 75° 11'W
ALTITUD : 1560 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	20.0	5.0	0.0	2.0	29.0	13.0	0.0	10.0	0.0	8.0	10.0	0.0	
2	37.0	2.0	19.0	0.0	8.0	10.0	0.0	5.0	0.0	45.0	3.0	10.0	
3	0.0	12.0	8.0	1.0	15.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
4	30.0	8.0	4.0	6.0	54.0	44.0	42.0	0.0	0.0	0.0	16.0	11.0	
5	9.0	9.0	28.0	1.0	0.0	48.0	22.0	0.0	0.0	14.0	0.0	0.0	
6	20.0	5.0	38.0	15.0	3.0	44.0	11.0	0.0	16.0	34.0	31.0	20.0	
7	5.0	3.0	45.0	7.0	4.0	0.0	0.0	59.0	0.0	5.0	20.0	14.0	
8	0.0	2.0	10.0	29.0	0.0	0.0	50.0	0.0	0.0	40.0	40.0	37.0	
9	0.0	0.0	4.0	3.0	0.0	0.0	0.0	0.0	0.0	1.0	35.0	0.0	
10	10.0	1.0	14.0	8.0	20.0	0.0	0.0	0.0	0.0	15.0	0.0	25.0	
11	0.0	5.0	60.0	0.0	5.0	0.0	0.0	0.0	0.0	16.0	3.0	44.0	
12	0.0	21.0	30.0	40.0	51.0	0.0	0.0	0.0	0.0	61.0	47.0	31.0	
13	0.0	0.0	11.0	10.0	0.0	0.0	0.0	0.0	1.0	10.0	12.0	44.0	
14	0.0	3.0	0.0	20.0	3.0	75.0	0.0	0.0	4.0	1.0	0.0	48.0	
15	0.0	35.0	30.0	1.0	1.0	39.0	0.0	0.0	31.0	4.0	12.0	12.0	
16	0.0	0.0	1.0	4.0	3.0	0.0	0.0	0.0	33.0	55.0	13.0	75.0	
17	0.0	3.0	0.0	40.0	29.0	9.0	0.0	0.0	60.0	20.0	8.0	10.0	
18	0.0	17.0	0.0	45.0	45.0	5.0	0.0	0.0	26.0	0.0	10.0	4.0	
19	5.0	33.0	0.0	1.0	68.0	9.0	0.0	0.0	25.0	0.0	29.0	0.0	
20	0.0	28.0	30.0	10.0	35.0	0.0	0.0	0.0	23.0	0.0	71.0	0.0	
21	0.0	0.0	1.0	0.0	48.0	0.0	0.0	0.0	55.0	0.0	3.0	0.0	
22	0.0	1.0	9.0	2.0	5.0	50.0	0.0	0.0	37.0	0.0	35.0	12.0	
23	0.0	0.0	27.0	10.0	15.0	12.0	0.0	0.0	50.0	0.0	17.0	0.0	
24	0.0	0.0	33.0	0.0	40.0	0.0	0.0	0.0	13.0	0.0	9.0	9.0	
25	0.0	0.0	39.0	0.0	10.0	23.0	0.0	0.0	20.0	14.0	69.0	0.0	
26	0.0	2.0	5.0	0.0	33.0	50.0	0.0	0.0	32.0	0.0	0.0	13.0	
27	0.0	7.0	8.0	21.0	2.0	10.0	0.0	0.0	20.0	5.0	59.0	29.0	
28	0.0	1.0	5.0	20.0	0.0	0.0	0.0	0.0	41.0	10.0	22.0	45.0	
29	6.0	0.0	0.0	7.0	10.0	30.0	20.0	0.0	5.0	40.0	0.0	0.0	
30	12.0	0.0	10.0	35.0	6.0	0.0	28.0	0.0	33.0	2.0	4.0	10.0	
31	0.0	0.0	1.0	0.0	14.0	0.0	53.0	0.0	0.0	10.0	0.0	11.0	
TOTAL	154.0	203.0	470.0	338.0	556.0	471.0	226.0	74.0	525.0	410.0	583.0	514.0	4524.0
DIAS LLUVIA	10	21	25	24	26	16	7	3	19	21	25	21	218

PUESTO: GUACAS
AÑO: 1991

DPTO: CALDAS
MPIO: PENSILVANIA

LATITUD: 05° 28'N LONGITUD: 75° 10'W
ALTITUD: 1700 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	40.0	0.0	30.0	10.0	0.0	20.0	0.0		0.0	20.0	0.0	10.0	
2	60.0	0.0	0.0	20.0	0.0	0.0	0.0		0.0	10.0	30.0	0.0	
3	0.0	40.0	40.0	0.0	0.0	10.0	20.0		0.0	0.0	10.0	30.0	
4	10.0	0.0	10.0	0.0	10.0	30.0	0.0		0.0	50.0	30.0	10.0	
5	20.0	0.0	0.0	40.0	0.0	0.0	30.0		0.0	20.0	20.0	0.0	
6	0.0	10.0	0.0	10.0	0.0	0.0	0.0		0.0	10.0	0.0	20.0	
7	0.0	30.0	10.0	0.0	0.0	0.0	0.0		0.0	20.0	10.0	40.0	
8	10.0	0.0	40.0	10.0	20.0	0.0	40.0		0.0	0.0	30.0	0.0	
9	0.0	20.0	10.0	0.0	0.0	0.0	10.0		0.0	10.0	20.0	10.0	
10	0.0	10.0	0.0	0.0	10.0	0.0	20.0		0.0	10.0	10.0	30.0	
11	10.0	0.0	40.0	0.0	30.0	0.0	0.0		0.0	0.0	30.0	50.0	
12	20.0	0.0	20.0	0.0	0.0	0.0	30.0		0.0	0.0	0.0	10.0	
13	0.0	20.0	10.0	10.0	0.0	20.0	10.0		0.0	10.0	40.0	30.0	
14	0.0	50.0	0.0	40.0	0.0	0.0	0.0		40.0	0.0	10.0	0.0	
15	20.0	20.0	0.0	20.0	0.0	10.0	10.0		20.0	0.0	80.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	40.0		50.0	30.0	40.0	10.0	
17	0.0	0.0	0.0	40.0	0.0	0.0	0.0		10.0	60.0	30.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	20.0	10.0		30.0	10.0	10.0	20.0	
19	0.0	0.0	0.0	30.0	10.0	0.0	0.0		10.0	0.0	20.0	10.0	
20	0.0	0.0	10.0	0.0	60.0	10.0	0.0		50.0	50.0	10.0	40.0	
21	0.0	0.0	0.0	10.0	20.0	30.0	10.0		0.0	10.0	40.0	0.0	
22	0.0	0.0	40.0	0.0	0.0	10.0	0.0		20.0	0.0	50.0	0.0	
23	0.0	0.0	10.0	0.0	10.0	20.0	0.0		40.0	0.0	10.0	30.0	
24	0.0	40.0	0.0	20.0	0.0	40.0	0.0		10.0	30.0	0.0	0.0	
25	0.0	10.0	0.0	0.0	0.0	20.0	0.0		40.0	20.0	0.0	0.0	
26	0.0	0.0	0.0	40.0	20.0	30.0	0.0		0.0	10.0	0.0	0.0	
27	0.0	20.0	40.0	0.0	0.0	40.0	20.0		20.0	0.0	20.0	10.0	
28	0.0	10.0	0.0	0.0	30.0	50.0	0.0		30.0	40.0	30.0	0.0	
29	0.0	0.0	0.0	20.0	10.0	0.0	0.0		10.0	20.0	10.0	0.0	
30	0.0	0.0	10.0	0.0	0.0	10.0	0.0		0.0	10.0	20.0	0.0	
31	0.0	0.0	0.0	0.0	10.0	0.0	0.0		0.0	20.0	0.0	0.0	
TOTAL	190.0	280.0	320.0	320.0	240.0	370.0	250.0		380.0	470.0	610.0	360.0	
DIAS LLUVIA	8	12	14	14	12	16	12		14	21	24	16	

PUESTO: LA ARGENTINA
AÑO: 1991

DPTO: CALDAS
MPIO: RIOSUCIO

LATITUD: 05° 28'N LONGITUD: 75° 42'W
ALTITUD: 1420 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	6.0	0.0	5.0	2.0	2.0	0.0	0.0	1.0	0.0	0.0	65.0	0.0	
2	2.0	18.0	8.0	0.0	4.0	11.0	0.0	0.0	0.0	13.0	15.0	41.0	
3	0.0	4.0	3.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	33.0	2.0	
4	0.0	2.0	18.0	0.0	9.0	1.0	4.0	1.0	0.0	2.0	3.0	5.0	
5	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	
6	11.0	0.0	16.0	0.0	0.0	0.0	32.0	0.0	25.0	5.0	0.0	1.0	
7	0.0	0.0	2.0	0.0	0.0	0.0	3.0	14.0	0.0	8.0	10.0	6.0	
8	0.0	0.0	1.0	32.0	0.0	0.0	0.0	25.0	0.0	3.0	10.0	14.0	
9	0.0	0.0	0.0	40.0	0.0	0.0	0.0	12.0	0.0	4.0	14.0	4.0	
10	0.0	0.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0	2.0	0.0	22.0	
11	15.0	0.0	1.0	0.0	5.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	
12	0.0	0.0	2.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
13	3.0	0.0	1.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	4.0	
14	0.0	0.0	6.0	0.0	3.0	0.0	0.0	0.0	14.0	4.0	23.0	14.0	
15	5.0	13.0	0.0	0.0	0.0	20.0	0.0	0.0	30.0	6.0	27.0	2.0	
16	0.0	3.0	5.0	0.0	5.0	18.0	0.0	0.0	10.0	4.0	5.0	2.0	
17	0.0	0.0	0.0	5.0	20.0	5.0	0.0	0.0	3.0	21.0	4.0	4.0	
18	8.0	29.0	0.0	0.0	4.0	0.0	0.0	0.0	16.0	1.0	0.0	0.0	
19	18.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
20	0.0	1.0	0.0	0.0	10.0	0.0	0.0	0.0	4.0	0.0	10.0	0.0	
21	7.0	0.0	0.0	2.0	8.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
22	0.0	0.0	12.0	0.0	20.0	3.0	0.0	0.0	29.0	0.0	1.0	3.0	
23	0.0	0.0	31.0	20.0	2.0	10.0	1.0	0.0	8.0	0.0	2.0	0.0	
24	0.0	0.0	11.0	0.0	0.0	1.0	0.0	0.0	6.0	0.0	14.0	0.0	
25	0.0	0.0	20.0	0.0	0.0	3.0	0.0	0.0	37.0	4.0	0.0	0.0	
26	0.0	0.0	9.0	0.0	0.0	17.0	0.0	0.0	3.0	23.0	0.0	0.0	
27	0.0	0.0	2.0	33.0	0.0	11.0	0.0	0.0	0.0	7.0	0.0	0.0	
28	0.0	5.0	1.0	21.0	5.0	0.0	0.0	0.0	8.0	14.0	23.0	11.0	
29	0.0	0.0	0.0	0.0	0.0	20.0	1.0	0.0	0.0	10.0	0.0	0.0	
30	0.0	0.0	0.0	20.0	4.0	0.0	20.0	0.0	5.0	0.0	0.0	0.0	
31	0.0	0.0	23.0	0.0	11.0	0.0	24.0	0.0	0.0	13.0	0.0	0.0	
TOTAL	75.0	75.0	181.0	179.0	161.0	122.0	85.0	53.0	210.0	154.0	306.0	135.0	
DIAS LLUVIA	9	8	21	11	20	13	7	5	16	19	19	15	163

PUESTO: LA CORNETA
AÑO: 1991

DPTO: CALDAS
MPIO: VICTORIA

LATITUD: 05° 23'N LONGITUD: 74° 54'W
ALTITUD : 800 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	35.0	0.0	0.0	30.0	0.0	0.0	0.0	20.0	120.0	4.0	
2	0.0	0.0	20.0	50.0	0.0	0.0	0.0	0.0	6.0	20.0	91.0	0.0	
3	0.0	0.0	55.0	30.0	33.0	0.0	0.0	0.0	0.0	0.0	60.0	58.0	
4	0.0	0.0	30.0	61.0	73.0	0.0	0.0	0.0	0.0	63.0	0.0	0.0	
5	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	35.0	0.0	
6	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	0.0	35.0	0.0	0.0	
7	0.0	0.0	45.0	18.0	0.0	0.0	0.0	10.0	0.0	26.0	94.0	61.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	5.0	37.0	0.0	0.0	6.0	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	6.0	
10	0.0	0.0	0.0	40.0	30.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	
11	0.0	0.0	0.0	92.0	45.0	0.0	0.0	0.0	0.0	17.0	2.0	0.0	
12	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	105.0	23.0	
13	0.0	0.0	5.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
14	0.0	0.0	50.0	25.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	20.0	
15	0.0	75.0	0.0	35.0	0.0	18.0	0.0	0.0	78.0	10.0	0.0	66.0	
16	0.0	0.0	0.0	50.0	87.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	
17	0.0	85.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	23.0	0.0	
18	0.0	10.0	0.0	0.0	50.0	0.0	0.0	0.0	18.0	25.0	2.0	8.0	
19	0.0	45.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	50.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	47.0	0.0	0.0	30.0	0.0	20.0	0.0	
22	0.0	0.0	4.0	0.0	6.0	50.0	0.0	0.0	36.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	47.0	20.0	5.0	0.0	0.0	15.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	64.0	13.0	
27	0.0	0.0	0.0	10.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	11.0	33.0	0.0	79.0	8.0	0.0	0.0	50.0	0.0	45.0	
29	20.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	3.0	0.0	0.0	
30	0.0	15.0	0.0	18.0	0.0	0.0	0.0	0.0	3.0	21.0	0.0	0.0	
31	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	65.0	225.0	280.0	531.0	397.0	257.0	63.0	47.0	303.0	347.0	709.0	301.0	3525.0
DIAS LLUVIA	2	5	11	14	10	7	5	2	13	13	15	10	107

PUESTO: LA MANUELITA
AÑO: 1991

DPTO: CALDAS
MPIO: RIOSUCIO

LATITUD: 05° 22'N LONGITUD: 75° 41'W
ALTITUD : 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	12.0	0.0	0.0	3.0	0.0	0.0	0.0	2.0	0.0	0.0	10.0	7.0	
2	15.0	5.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	5.0	2.0	10.0	
3	5.0	5.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	6.0	0.0	0.0	0.0	8.0	10.0	2.0	0.0	0.0	0.0	0.0	6.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	5.0	0.0	
6	10.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	20.0	0.0	4.0	0.0	
7	0.0	0.0	32.0	0.0	0.0	0.0	2.0	14.0	0.0	5.0	0.0	18.0	
8	0.0	0.0	20.0	45.0	9.0	0.0	5.0	30.0	0.0	0.0	10.0	2.0	
9	0.0	0.0	0.0	15.0	0.0	0.0	0.0	25.0	0.0	0.0	5.0	8.0	
10	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
11	2.0	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	20.0	5.0	0.0	0.0	0.0	0.0	0.0	38.0	10.0	
13	0.0	0.0	6.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	32.0	0.0	10.0	5.0	
15	0.0	15.0	40.0	0.0	0.0	15.0	0.0	0.0	5.0	0.0	15.0	10.0	
16	0.0	0.0	6.0	0.0	15.0	50.0	0.0	0.0	14.0	3.0	0.0	5.0	
17	1.0	20.0	0.0	0.0	50.0	0.0	0.0	0.0	5.0	5.0	3.0	0.0	
18	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	40.0	10.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	50.0	0.0	0.0	5.0	
20	2.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	5.0	0.0	35.0	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	0.0	
22	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	
23	0.0	0.0	10.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	30.0	0.0	0.0	5.0	35.0	0.0	5.0	0.0	0.0	0.0	
25	0.0	0.0	12.0	0.0	0.0	8.0	0.0	0.0	25.0	0.0	0.0	0.0	
26	0.0	0.0	5.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	3.0	15.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
28	0.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	40.0	0.0	25.0	29.0	
29	0.0	0.0	0.0	0.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	3.0	40.0	3.0	0.0	10.0	0.0	25.0	0.0	0.0	0.0	
31	0.0	0.0	7.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	53.0	46.0	213.0	150.0	304.0	112.0	119.0	81.0	311.0	45.0	162.0	115.0	1711.0
DIAS LLUVIA	8	4	14	8	14	9	7	5	13	7	12	12	113

PUESTO: CUBA
AÑO: 1991

DPTO: CALDAS
MPIO: VICTORIA

LATITUD: 05° 20'N LONGITUD: 74° 56'W
ALTITUD : 1050 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	53.5	0.0	10.5	52.5	16.0	6.5	0.0	7.0	0.0	3.0	0.0	0.0	
2	11.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	28.5	50.0	
3	2.0	1.0	18.5	30.0	72.0	0.0	0.0	0.0	15.0	25.5	69.5	2.0	
4	0.0	0.0	11.0	3.0	141.5	9.0	0.0	0.0	0.0	0.0	30.0	31.5	
5	0.0	2.5	66.0	80.0	0.0	0.0	0.0	0.0	1.0	64.0	0.0	0.0	
6	22.0	0.0	41.5	0.0	0.0	0.0	0.0	0.0	0.0	42.0	10.5	0.0	
7	0.0	0.0	10.0	9.0	0.0	12.5	11.5	7.0	0.0	19.0	0.0	0.0	
8	0.0	0.0	0.0	24.0	0.0	0.0	3.0	44.5	0.0	30.5	106.0	87.0	
9	0.0	0.0	6.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	54.5	
10	0.0	0.0	5.5	0.0	33.0	0.0	0.0	0.0	0.0	6.5	0.0	46.0	
11	0.0	0.0	8.5	8.5	26.5	0.0	0.0	0.0	0.0	3.5	10.5	0.0	
12	0.0	14.5	0.0	60.0	0.0	0.0	0.0	0.0	0.0	4.0	20.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	137.0	36.5	
14	0.0	0.0	0.0	19.5	0.0	0.0	0.0	0.0	1.5	9.0	46.5	30.0	
15	0.0	20.5	4.0	36.5	0.0	0.0	0.0	0.0	32.0	0.0	4.0	23.0	
16	0.0	0.0	18.5	15.0	12.5	0.0	0.0	0.0	60.0	23.5	0.0	11.5	
17	0.0	40.0	0.0	11.0	91.0	14.5	0.0	0.0	37.5	18.5	0.0	4.0	
18	0.0	17.0	0.0	0.0	20.5	0.0	0.0	0.0	3.0	0.0	9.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	26.5	0.0	
20	0.0	9.0	0.0	0.0	13.0	9.0	0.0	0.0	4.0	0.0	133.0	0.0	
21	0.0	0.0	0.0	0.0	17.0	10.0	0.0	0.0	6.5	0.0	0.0	53.0	
22	0.0	0.0	30.0	2.0	0.0	41.5	0.0	0.0	84.0	0.0	3.0	0.0	
23	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	3.0	0.0	88.0	0.0	
24	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	
25	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	5.0	4.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	51.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	
27	0.0	0.0	20.5	55.0	0.0	16.5	0.0	0.0	0.0	3.0	74.0	3.0	
28	8.5	0.0	8.5	21.5	0.0	21.0	20.0	0.0	59.0	34.0	0.0	0.0	
29	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	22.5	4.0	0.0	50.0	
30	36.0	10.0	46.0	31.5	0.0	0.0	23.5	0.0	18.5	10.0	0.0	9.0	
31	0.0		21.5		24.0		0.0	3.5				0.0	
TOTAL	133.0	104.5	359.5	493.5	560.5	140.5	58.0	62.0	384.5	316.5	811.5	491.0	3914.0
DIAS LLUVIA	6	7	19	18	14	9	4	4	16	19	18	15	149

PUESTO: LA PASTORITA
AÑO: 1991

DPTO: CALDAS
MPIO: VICTORIA

LATITUD: 05° 19'N LONGITUD: 74° 57'W
ALTITUD : 1100 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	34.0	0.0	0.0	10.0	18.0	5.0	0.0	0.0	0.0	50.0			
2	8.0	0.0	0.0	0.0	2.0	5.0	0.0	0.0	0.0	0.0			
3	14.0	8.0	15.0	0.0	136.0	0.0	0.0	0.0	0.0	20.0			
4	8.0	0.0	36.0	19.0	90.0	27.0	0.0	0.0	0.0	0.0			
5	20.0	8.0	65.0	48.0	0.0	0.0	0.0	0.0	0.0	12.0			
6	35.0	0.0	25.0	0.0	0.0	0.0	32.0	0.0	0.0	17.0			
7	0.0	0.0	0.0	35.0	0.0	0.0	0.0	5.0	0.0	30.0			
8	0.0	0.0	10.0	68.0	0.0	0.0	30.0	60.0	0.0	40.0			
9	0.0	1.0	6.0	6.0	0.0	0.0	0.0	25.0	0.0	0.0			
10	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0			
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12	0.0	1.0	3.0	0.0	20.0	0.0	0.0	0.0	0.0	10.0			
13	0.0	4.0	2.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0			
14	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	8.0	0.0			
15	5.0	0.0	32.0	13.0	0.0	10.0	0.0	0.0	25.0	5.0			
16	0.0	9.0	40.0	46.0	15.0	0.0	0.0	0.0	49.0	3.0			
17	0.0	0.0	0.0	0.0	62.0	12.0	0.0	0.0	48.0	7.0			
18	0.0	18.0	9.0	0.0	70.0	0.0	0.0	0.0	10.0	0.0			
19	0.0	3.0	0.0	0.0	10.0	0.0	0.0	0.0	20.0	0.0			
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0			
21	0.0	16.0	0.0	0.0	12.0	5.0	0.0	0.0	4.0	0.0			
22	0.0	0.0	29.0	0.0	0.0	30.0	0.0	0.0	46.0	0.0			
23	0.0	0.0	8.0	5.0	16.0	2.0	0.0	0.0	4.0	0.0			
24	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
25	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	29.0	28.0			
26	0.0	0.0	10.0	0.0	45.0	10.0	0.0	0.0	0.0	0.0			
27	0.0	0.0	23.0	25.0	0.0	9.0	0.0	0.0	0.0	0.0			
28	13.0	0.0	3.0	0.0	0.0	35.0	15.0	0.0	50.0	5.0			
29	0.0	0.0	19.0	50.0	0.0	0.0	0.0	0.0	45.0	35.0			
30	15.0	30.0	30.0	10.5	0.0	0.0	10.0	0.0	0.0	0.0			
31	0.0		20.0		11.0		10.0	10.0		0.0			
TOTAL	152.0	68.0	423.0	393.0	577.5	150.0	97.0	100.0	346.0	262.0			
DIAS LLUVIA	9	9	21	14	15	11	5	4	13	13			

PUESTO: LA JULIA
AÑO: 1991

DPTO: CALDAS
MPIO: FILADELFIA

LATITUD: 05° 18'N LONGITUD: 75° 34'W
ALTITUD: 1650 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	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
2	7.0	4.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	11.0	6.0	47.0	0.0
3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0
4	0.0	0.0	15.0	0.0	4.0	12.0	30.0	0.0	0.0	0.0	0.0	18.0	0.0
5	23.0	0.0	0.0	0.0	0.0	8.0	0.0	1.0	0.0	7.0	20.0	0.0	0.0
6	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	25.0	1.0	0.0	0.0	0.0
7	0.0	0.0	29.0	0.0	0.0	0.0	25.0	4.0	0.0	2.0	9.0	0.0	0.0
8	0.0	0.0	4.0	41.0	0.0	10.0	0.0	23.0	0.0	13.0	16.0	10.0	0.0
9	0.0	0.0	0.0	5.0	0.0	7.0	0.0	18.0	0.0	0.0	23.0	3.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
11	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
12	0.0	0.0	3.0	21.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	9.0	0.0
13	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
14	3.0	0.0	5.0	7.0	0.0	13.0	0.0	0.0	5.0	24.0	0.0	30.0	0.0
15	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	12.0	0.0
16	0.0	0.0	3.0	0.0	6.0	0.0	0.0	0.0	19.0	6.0	10.0	31.0	0.0
17	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
18	0.0	0.0	0.0	30.0	18.0	0.0	0.0	0.0	1.0	16.0	0.0	0.0	0.0
19	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	8.0	0.0
20	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	6.0	0.0	0.0
21	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	2.0	0.0	0.0	11.0	0.0
22	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0
23	0.0	0.0	5.0	0.0	3.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0
24	0.0	0.0	14.0	0.0	1.0	0.0	0.0	0.0	4.0	0.0	44.0	0.0	0.0
25	0.0	0.0	20.0	0.0	0.0	5.0	0.0	0.0	18.0	17.0	0.0	0.0	0.0
26	0.0	0.0	26.0	7.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0
27	0.0	0.0	6.0	5.0	0.0	15.0	0.0	0.0	2.0	0.0	0.0	5.0	0.0
28	0.0	0.0	7.0	0.0	5.0	0.0	0.0	0.0	1.0	0.0	31.0	17.0	0.0
29	0.0	0.0	0.0	0.0	0.0	12.0	2.0	0.0	0.0	10.0	0.0	0.0	0.0
30	0.0	0.0	0.0	18.0	7.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	39.0	22.0	147.0	145.0	85.0	82.0	71.0	46.0	180.0	143.0	183.0	202.0	1345.0
DIAS LLUVIA	5	4	14	11	10	8	4	4	14	14	11	13	112

PUESTO: EL SAMAN
AÑO: 1991

DPTO: CALDAS
MPIO: RISARALDA

LATITUD: 05° 09'N LONGITUD: 75° 46'W
ALTITUD: 1550 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	25.0	0.0	0.0	6.0	0.0	10.0	0.0	2.0	0.0	0.0	0.0	2.5	0.0
2	15.0	0.0	9.0	0.0	8.0	20.0	2.0	4.0	0.0	2.0	0.0	45.0	0.0
3	5.0	0.0	0.0	0.0	3.0	0.0	0.0	20.0	0.0	11.0	36.0	0.0	0.0
4	27.0	0.0	0.0	4.0	10.0	8.5	20.0	25.0	1.5	8.0	94.0	20.0	0.0
5	9.0	0.0	6.0	0.0	12.0	7.0	5.5	0.0	0.0	9.0	8.0	12.0	0.0
6	0.0	0.0	13.5	0.0	18.0	0.0	20.0	0.0	0.0	0.0	2.5	0.0	0.0
7	0.0	0.0	12.0	9.0	14.0	5.0	3.0	0.0	0.0	12.0	0.0	0.0	0.0
8	0.0	0.0	0.0	14.0	16.5	3.0	9.0	4.5	0.0	15.5	28.0	19.0	0.0
9	0.0	14.0	8.0	24.5	12.0	10.0	0.0	0.0	0.0	17.0	43.0	2.0	0.0
10	0.0	0.0	14.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
11	4.0	0.0	12.0	0.0	3.0	14.0	0.0	26.0	0.0	0.0	0.0	4.5	0.0
12	0.0	0.0	7.5	0.0	0.0	9.5	0.0	8.5	0.0	0.0	10.0	20.5	0.0
13	0.0	8.0	18.0	0.0	10.0	0.0	0.0	0.0	3.0	5.0	0.0	0.0	0.0
14	8.0	0.0	4.0	7.0	13.0	6.0	0.0	0.0	0.0	0.0	2.0	4.0	0.0
15	19.0	32.0	1.0	6.0	10.0	10.0	30.0	0.0	7.0	0.0	0.0	43.0	0.0
16	0.0	0.0	4.0	4.0	0.0	60.0	0.0	10.0	9.0	36.0	0.0	.5	0.0
17	0.0	0.0	0.0	0.0	69.0	40.0	0.0	0.0	21.0	0.0	38.0	0.0	0.0
18	0.0	10.0	0.0	0.0	43.0	0.0	1.0	0.0	4.0	0.0	0.0	.5	0.0
19	0.0	0.0	0.0	35.0	90.0	0.0	0.0	0.0	23.0	0.0	17.0	0.0	0.0
20	0.0	14.0	0.0	0.0	42.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	8.0	8.0	0.0	0.0	0.0	2.0	0.0	65.0	0.0	0.0
22	0.0	0.0	4.0	0.0	0.0	0.0	2.0	0.0	68.0	0.0	40.0	3.0	0.0
23	0.0	0.0	2.0	3.0	0.0	0.0	0.0	0.0	50.0	0.0	19.0	0.0	0.0
24	0.0	0.0	41.5	0.0	6.0	0.0	1.0	0.0	13.0	14.0	10.0	0.0	0.0
25	0.0	16.0	68.0	1.5	0.0	10.0	0.0	0.0	3.0	10.0	0.0	0.0	0.0
26	0.0	0.0	6.0	1.0	5.0	10.0	0.0	2.0	4.0	0.0	0.0	0.0	0.0
27	0.0	12.0	4.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	1.5	4.5	0.0
28	0.0	10.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	32.5	16.0	0.0
29	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
30	0.0	0.0	0.0	6.5	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	12.0	0.0	0.0	0.0	25.0	0.0	0.0	28.0	0.0	0.0	0.0
TOTAL	112.0	116.0	246.5	129.5	403.5	224.0	148.5	102.0	218.5	167.5	443.5	200.0	2511.5
DIAS LLUVIA	8	8	19	14	21	16	13	9	14	12	16	16	166

PUESTO: LA SELVA
AÑO: 1991

DPTO: CALDAS
MPIO: MANIZALES

LATITUD: 05° 07'N LONGITUD: 75° 36'W
ALTITUD : 1350 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	52.0	23.0	2.0								
2	5.0	30.0	3.0	0.0	2.0								
3	5.0	2.0	0.0	0.0	0.0								
4	0.0	0.0	8.0	0.0	12.0								
5	0.0	0.0	0.0	0.0	0.0								
6	4.0	0.0	5.0	17.0	0.0								
7	0.0	0.0	0.0	12.0	0.0								
8	0.0	0.0	37.0	31.0	0.0								
9	0.0	0.0	0.0	14.0	0.0								
10	0.0	0.0	0.0	0.0	0.0								
11	30.0	3.0	0.0	0.0	5.0								
12	0.0	0.0	16.0	23.0	98.0								
13	5.0	0.0	4.0	0.0	0.0								
14	7.0	0.0	5.0	6.0	0.0								
15	0.0	44.0	0.0	0.0	0.0								
16	0.0	0.0	0.0	0.0	4.0								
17	0.0	0.0	0.0	0.0	23.0								
18	0.0	0.0	0.0	4.0	24.0								
19	9.0	13.0	0.0	6.0	37.0								
20	0.0	0.0	0.0	0.0	0.0								
21	0.0	0.0	0.0	0.0	15.0								
22	0.0	0.0	0.0	24.0	2.0								
23	0.0	0.0	5.0	0.0	10.0								
24	0.0	0.0	10.0	0.0	4.0								
25	0.0	0.0	77.0	0.0	0.0								
26	0.0	0.0	23.0	0.0	25.0								
27	0.0	0.0	12.0	6.0	0.0								
28	0.0	0.0	0.0	32.0	11.0								
29	0.0		0.0	0.0	0.0								
30	0.0		0.0	53.0	0.0								
31	0.0		0.0	0.0	0.0								
TOTAL	65.0	92.0	257.0	251.0	274.0								ANUAL
DIAS LLUVIA	7	5	13	13	15								

PUESTO: SANTA TERESITA
AÑO: 1991

DPTO: CALDAS
MPIO: MANIZALES

LATITUD: 05° 04'N LONGITUD: 75° 37'W
ALTITUD : 1200 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	48.0	25.0	0.0		0.0	2.0		0.0	30.0	12.0	
2	4.0	54.0	14.0	0.0	3.0		0.0	0.0		11.0	15.0	0.0	
3	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	44.0	0.0	
4	0.0	0.0	6.0	0.0	9.0		0.0	0.0		0.0	15.0	7.0	
5	0.0	0.0	0.0	0.0	0.0		38.0	0.0		7.0	0.0	5.0	
6	5.0	0.0	0.0	15.0	5.0		3.0	16.0		12.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	47.0	0.0	
8	0.0	0.0	0.0	34.0	0.0		0.0	32.0		0.0	12.0	10.0	
9	0.0	0.0	25.0	11.0	0.0		0.0	26.0		7.0	16.0	5.0	
10	0.0	6.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	0.0	
11	14.0	0.0	0.0	5.0	0.0		0.0	0.0		0.0	0.0	0.0	
12	0.0	0.0	5.0	26.0	81.0		0.0	0.0		0.0	5.0	45.0	
13	19.0	0.0	6.0	0.0	0.0		0.0	0.0		20.0	31.0	12.0	
14	0.0	0.0	8.0	0.0	5.0		0.0	0.0		0.0	0.0	32.0	
15	0.0	28.0	0.0	0.0	0.0		0.0	0.0		0.0	12.0	6.0	
16	0.0	0.0	0.0	0.0	0.0		0.0	0.0		0.0	5.0	0.0	
17	0.0	0.0	0.0	0.0	9.0		0.0	0.0		0.0	0.0	0.0	
18	0.0	6.0	0.0	12.0	7.0		0.0	0.0		10.0	0.0	5.0	
19	0.0	0.0	0.0	29.0	77.0		0.0	3.0		0.0	0.0	0.0	
20	0.0	11.0	0.0	3.0	9.0		9.0	0.0		0.0	0.0	2.0	
21	0.0	0.0	0.0	0.0	1.0		2.0	0.0		0.0	0.0	0.0	
22	0.0	0.0	0.0	6.0	2.0		0.0	1.0		0.0	10.0	0.0	
23	0.0	0.0	4.0	0.0	5.0		0.0	0.0		0.0	0.0	0.0	
24	0.0	0.0	5.0	0.0	0.0		0.0	0.0		0.0	35.0	0.0	
25	0.0	0.0	104.0	0.0	0.0		0.0	0.0		0.0	0.0	0.0	
26	0.0	0.0	9.0	0.0	29.0		0.0	0.0		0.0	0.0	0.0	
27	0.0	0.0	10.0	34.0	9.0		0.0	7.0		3.0	0.0	5.0	
28	0.0	0.0	0.0	22.0	2.0		0.0	0.0		0.0	87.0	29.0	
29	0.0		0.0	0.0	3.0		0.0	0.0		7.0	0.0	0.0	
30	0.0		0.0	53.0	1.0		15.0	0.0		0.0	0.0	0.0	
31	0.0		29.0	0.0	9.0		12.0	0.0		0.0	0.0	0.0	
TOTAL	42.0	105.0	273.0	275.0	266.0		80.0	87.0		77.0	364.0	175.0	ANUAL
DIAS LLUVIA	4	5	13	13	18		6	7		8	14	13	

PUESTO: EL RECREO
AÑO: 1991

DPTO: CALDAS
MPIO: PALESTINA

LATITUD: 05° 02'N LONGITUD: 75° 39'W
ALTITUD : 1450 m.

DIA	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	82.0	0.0	
2				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	70.0	0.0	0.0	0.0	60.0	0.0	
4				6.0	70.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	
5				0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6				0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	
7				30.0	0.0	0.0	0.0	4.0	0.0	10.0	0.0	0.0	
8				20.0	25.0	0.0	0.0	2.0	0.0	0.0	0.0	20.0	
9				40.0	0.0	0.0	0.0	2.0	0.0	0.0	20.0	0.0	
10				10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	
11				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	0.0	0.0	0.0	0.0	
13				0.0	0.0	30.0	0.0	0.0	0.0	20.0	0.0	0.0	
14				0.0	0.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0	
15				0.0	0.0	3.0	0.0	0.0	1.0	0.0	0.0	1.0	
16				0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
17				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18				0.0	20.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
19				0.0	43.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
20				82.0	0.0	54.0	0.0	0.0	3.0	0.0	0.0	0.0	
21				0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	
22				0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
23				0.0	0.0	0.0	0.0	0.0	2.0	0.0	20.0	0.0	
24				0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
25				0.0	20.0	10.0	0.0	0.0	30.0	0.0	0.0	0.0	
26				0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
27				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28				50.0	0.0	0.0	0.0	0.0	0.0	0.0	90.0	0.0	
29				0.0	30.0	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	
31					0.0		30.0	0.0		0.0		0.0	
TOTAL				238.0	228.0	117.0	155.0	8.0	68.0	40.0	300.0	61.0	ANUAL
DIAS LLUVIA				7	7	6	4	3	9	3	7	3	

PUESTO: LA ARGENTINA
AÑO: 1991

DPTO: CALDAS
MPIO: PALESTINA

LATITUD: 05° 02'N LONGITUD: 75° 41'W
ALTITUD : 1350 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	9.0	29.0	0.0	0.0	1.0	0.0	0.0	0.0	55.0	4.0	
2	0.0	50.0	2.0	0.0	15.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	34.0	10.0	43.0	0.0	0.0	0.0	50.0	0.0	
4	0.0	0.0	12.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	36.0	
5	0.0	0.0	0.0	0.0	51.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	
6	24.0	0.0	22.0	15.0	26.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
7	0.0	0.0	3.0	5.0	0.0	0.0	57.0	21.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	17.0	47.0	0.0	0.0	2.0	26.0	0.0	0.0	6.0	16.0	
9	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	
11	10.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	4.0	12.0	25.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	
13	4.0	0.0	102.0	0.0	20.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	3.0	0.0	13.0	27.0	0.0	72.0	0.0	0.0	10.0	0.0	26.0	17.0	
15	0.0	68.0	0.0	0.0	4.0	28.0	8.0	0.0	35.0	0.0	0.0	0.0	
16	0.0	0.0	1.5	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
17	0.0	0.0	1.0	0.0	0.0	0.0	5.0	0.0	0.0	31.0	0.0	13.0	
18	0.0	0.0	0.0	15.0	10.0	16.0	0.0	2.0	15.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
20	0.0	11.0	0.0	3.0	6.0	26.0	0.0	0.0	0.0	0.0	7.0	0.0	
21	0.0	0.0	0.0	0.0	12.0	0.0	12.0	0.0	10.0	0.0	10.0	0.0	
22	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	
23	0.0	0.0	21.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	14.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	13.0	0.0	
25	0.0	0.0	61.0	0.0	0.0	1.0	0.0	0.0	17.0	17.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	20.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	33.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	53.0	0.0	
28	0.0	16.0	0.0	10.0	0.0	9.0	22.0	0.0	67.0	0.0	0.0	27.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	5.0	0.0	0.0	
30	0.0	0.0	4.0	72.0	49.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0		0.0		8.0	0.0		0.0		0.0	
TOTAL	41.0	178.0	285.5	251.0	346.0	231.0	204.0	64.0	186.0	80.0	220.0	150.0	ANUAL
DIAS LLUVIA	4	5	15	12	16	11	13	5	8	7	8	8	2236.5 112

PUESTO: JAVA
AÑO: 1991

DPTO: CALDAS
MPIO: MANIZALES

LATITUD: 05° 01'N LONGITUD: 75° 33'W
ALTITUD : 1780 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	38.0	21.0	4.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0
2	10.0	42.0	36.0	0.0	0.0	0.0	0.0	5.0	0.0	7.0	0.0	0.0	17.0
3	0.0	0.0	3.0	6.0	5.0	0.0	0.0	0.0	19.0	0.0	8.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
5	0.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	0.0
6	0.0	0.0	3.0	10.0	0.0	0.0	8.0	0.0	2.0	0.0	4.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	30.0	27.0	0.0	20.0	0.0	0.0	0.0
8	0.0	0.0	35.0	2.0	0.0	12.0	3.0	0.0	0.0	0.0	8.0	17.0	0.0
9	0.0	0.0	0.0	16.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	4.0	0.0
10	0.0	0.0	3.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
11	18.0	0.0	5.0	5.0	0.0	2.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
12	0.0	0.0	0.0	0.0	26.0	0.0	0.0	5.0	0.0	2.0	8.0	0.0	0.0
13	13.0	0.0	7.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	4.0	0.0	0.0
14	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	1.0	0.0	18.0	27.0	0.0
15	0.0	30.0	0.0	0.0	3.0	0.0	0.0	0.0	26.0	0.0	0.0	10.0	0.0
16	10.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	1.0	15.0	0.0
17	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0
18	0.0	8.0	0.0	23.0	5.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
19	0.0	1.0	0.0	0.0	16.0	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	2.0	0.0	0.0	0.0	15.0	0.0	2.0	0.0	0.0
21	0.0	0.0	0.0	3.0	3.0	3.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	16.0	0.0	0.0	7.0	0.0
23	0.0	0.0	30.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	18.0	0.0	3.0	0.0	2.0	0.0	0.0	0.0	38.0	0.0	0.0
25	0.0	0.0	26.0	0.0	0.0	8.0	0.0	0.0	15.0	14.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	17.0	4.0	0.0	0.0	0.0
27	0.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	5.0	0.0	30.0	4.0	0.0
29	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
30	0.0	0.0	4.0	41.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	51.0	81.0	254.0	157.0	125.0	34.0	63.0	55.0	127.0	88.0	139.0	151.0	1325.0
DIAS LLUVIA	4	4	13	10	17	6	6	6	12	7	13	10	108

PUESTO: LAS COLINAS
AÑO: 1991

DPTO: CALDAS
MPIO: MANIZALES

LATITUD: 05° 01'N LONGITUD: 75° 33'W
ALTITUD : m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1						0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
2						0.0	0.0	2.7	0.0	8.5	0.0	28.4	0.0
3						0.0	0.0	0.0	0.0	0.0	29.6	0.0	0.0
4						5.7	0.0	0.0	0.0	0.0	0.0	22.5	0.0
5						0.0	42.0	0.0	0.0	3.5	0.0	0.0	0.0
6						0.0	1.0	0.0	3.2	0.0	1.6	0.0	0.0
7						0.0	0.0	11.0	0.0	7.0	4.0	2.3	0.0
8						0.0	0.0	16.7	0.0	10.2	23.0	20.2	0.0
9						0.0	0.0	13.0	0.0	0.0	26.9	4.0	0.0
10						0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0
11						0.0	0.0	0.0	0.0	0.0	1.0	4.2	0.0
12						0.0	0.0	0.0	0.0	0.0	1.8	5.8	0.0
13						0.0	0.0	0.0	1.3	0.0	20.5	0.0	0.0
14						1.2	0.0	0.0	1.0	0.0	2.4	16.0	0.0
15						43.0	0.0	0.0	26.4	0.0	28.1	12.5	0.0
16						0.0	0.0	0.0	27.0	16.6	8.7	20.0	0.0
17						1.2	0.0	0.0	0.0	0.0	0.0	1.3	0.0
18						0.0	0.0	0.0	0.0	25.2	0.0	0.0	0.0
19						0.0	0.0	0.0	17.3	0.0	0.0	0.0	0.0
20						3.2	1.3	0.0	12.5	0.0	0.0	1.0	0.0
21						7.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0
22						2.9	0.0	0.0	1.2	21.8	0.0	0.0	0.0
23						7.7	0.0	0.0	0.0	3.7	0.0	23.8	0.0
24						3.7	1.4	2.5	0.0	3.3	0.0	28.5	0.0
25						0.0	1.1	0.0	0.0	35.2	9.2	0.0	0.0
26						20.2	49.6	0.0	0.0	49.1	16.0	0.0	0.0
27						0.0	2.0	0.0	0.0	1.0	4.0	0.0	8.2
28						9.9	0.0	0.0	0.0	6.0	2.0	51.2	30.6
29						0.0	2.5	1.0	0.0	0.0	20.0	0.0	0.0
30						.6	0.0	11.0	0.0	0.0	0.0	0.0	0.0
31						6.3	0.0	5.7	.4	0.0	0.0	0.0	0.0
TOTAL						109.0	63.2	47.0	211.5	126.0	252.9	177.0	ANUAL
DIAS LLUVIA						10	6	7	15	12	15	14	

PUESTO: LA SIERRA
AÑO: 1991

DPTO: CALDAS
MPIO: CHINCHINA

LATITUD: 04° 59'N LONGITUD: 75° 38'W
ALTITUD: 1450 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	17.0	6.0	2.0	0.0	1.0	2.0	0.0	16.0	17.0	0.0	
2	3.0	35.0	5.0	0.0	26.0	0.0	0.0	19.0	0.0	5.0	0.0	19.0	
3	0.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	65.0	0.0	
4	0.0	0.0	9.0	0.0	16.0	14.0	8.0	0.0	0.0	0.0	5.0	70.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	8.0	0.0	0.0	0.0	0.0	
6	10.0	0.0	19.0	15.0	26.0	0.0	4.0	0.0	0.0	12.0	0.0	0.0	
7	0.0	0.0	14.0	0.0	0.0	0.0	9.0	27.0	0.0	14.0	7.0	0.0	
8	0.0	0.0	19.0	72.0	4.0	0.0	0.0	37.0	0.0	34.0	5.0	16.0	
9	0.0	0.0	0.0	4.0	0.0	0.0	0.0	15.0	0.0	2.0	17.0	0.0	
10	0.0	0.0	12.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
11	8.0	19.0	0.0	5.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	0.0	
12	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	4.0	25.0	
13	34.0	0.0	47.0	22.0	0.0	27.0	0.0	0.0	0.0	32.0	2.0	0.0	
14	25.0	0.0	2.0	26.0	17.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	
15	0.0	42.0	0.0	0.0	0.0	5.0	10.0	0.0	19.0	0.0	0.0	47.0	
16	0.0	0.0	11.0	0.0	5.0	0.0	0.0	0.0	7.0	0.0	0.0	4.0	
17	0.0	0.0	0.0	0.0	27.0	0.0	3.0	0.0	2.0	5.0	0.0	12.0	
18	0.0	0.0	0.0	12.0	20.0	6.0	0.0	5.0	0.0	0.0	0.0	0.0	
19	0.0	3.0	0.0	26.0	55.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
20	5.0	0.0	0.0	16.0	9.0	21.0	0.0	0.0	14.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	5.0	1.0	10.0	0.0	0.0	0.0	4.0	0.0	
22	0.0	0.0	0.0	1.0	3.0	0.0	0.0	0.0	18.0	0.0	12.0	0.0	
23	0.0	0.0	17.0	0.0	29.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	24.0	0.0	0.0	27.0	3.0	0.0	7.0	0.0	40.0	0.0	
25	4.0	0.0	67.0	0.0	0.0	18.0	0.0	0.0	28.0	14.0	0.0	0.0	
26	0.0	3.0	7.0	0.0	52.0	68.0	4.0	0.0	4.0	0.0	0.0	0.0	
27	0.0	17.0	0.0	30.0	0.0	15.0	0.0	0.0	2.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	2.0	22.0	0.0	3.0	0.0	35.0	4.0	40.0	10.0	
29	0.0	0.0	0.0	6.0	6.0	2.0	0.0	0.0	0.0	3.0	1.0	0.0	
30	0.0	0.0	3.0	32.0	1.0	5.0	53.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	30.0	0.0	17.0	0.0	0.0	3.0	0.0	0.0	
TOTAL DIAS LLUVIA	89.0 7	120.0 7	273.0 15	269.0 14	368.0 22	214.0 13	127.0 14	113.0 7	165.0 12	148.0 13	224.0 14	203.0 8	ANUAL 2313.0 146

PUESTO: INSTITUTO TECNICO
AÑO: 1991

DPTO: CAUCA
MPIO: SANTANDER

LATITUD: 03° 01'N LONGITUD: 76° 29'W
ALTITUD: 1110 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	6.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	9.0	7.0	
2	0.0	9.0	24.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	4.0	
3	0.0	0.0	2.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	15.0	11.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	3.0	
6	0.0	0.0	6.0	0.0	0.0	0.0	8.0	0.0	0.0	45.0	0.0	0.0	
7	0.0	0.0	0.0	41.0	3.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	
8	0.0	0.0	0.0	0.0	6.0	0.0	2.0	0.0	24.0	0.0	0.0	9.0	
9	0.0	0.0	14.0	9.0	0.0	0.0	0.0	0.0	0.0	3.0	7.0	7.0	
10	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	
11	0.0	0.0	0.0	8.0	16.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
12	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	
13	19.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	
14	0.0	0.0	0.0	10.0	37.0	0.0	0.0	0.0	0.0	2.0	0.0	1.0	
15	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	8.0	
16	1.0	0.0	2.0	2.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	2.0	2.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	57.0	1.0	0.0	0.0	49.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	1.0	0.0	0.0	0.0	5.0	0.0	0.0	7.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	27.0	12.0	
21	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
22	0.0	0.0	26.0	0.0	0.0	3.0	0.0	0.0	48.0	0.0	11.0	0.0	
23	0.0	0.0	1.0	0.0	3.0	4.0	0.0	0.0	0.0	0.0	5.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	40.0	2.0	0.0	0.0	
25	0.0	0.0	29.0	13.0	0.0	0.0	0.0	0.0	6.0	0.0	2.0	5.0	
26	0.0	1.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	0.0	8.0	
27	0.0	0.0	41.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	2.0	4.0	
29	0.0	0.0	0.0	66.0	0.0	0.0	10.0	0.0	9.0	19.0	0.0	20.0	
30	0.0	0.0	4.0	9.0	0.0	0.0	20.0	0.0	0.0	13.0	3.0	0.0	
31	0.0	0.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
TOTAL DIAS LLUVIA	79.0 4	19.0 7	195.0 15	168.0 10	228.0 12	32.0 6	40.0 4	34.0 2	206.0 8	129.0 8	180.0 14	127.0 16	ANUAL 1437.0 106

PUESTO: LA TRINIDAD
AÑO: 1991

DPTO: CAUCA
MPIO: PIENDAMO

LATITUD: 02° 44'N LONGITUD: 76° 34'W
ALTITUD : 1600 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	30.0	0.0	47.0	1.0	1.0								
2	9.0	0.0	11.0	0.0	7.0								
3	0.0	16.0	10.0	5.0	2.0								
4	0.0	0.0	6.0	23.0	8.0								
5	4.0	4.0	30.0	15.0	17.0								
6	5.0	0.0	21.0	18.0	4.0								
7	0.0	0.0	12.0	10.0	0.0								
8	0.0	1.0	0.0	3.0	0.0								
9	0.0	0.0	6.0	21.0	0.0								
10	1.0	0.0	2.0	0.0	13.0								
11	7.0	46.0	3.0	45.0	0.0								
12	0.0	0.0	23.0	1.0	0.0								
13	0.0	0.0	0.0	7.0	1.0								
14	10.0	0.0	4.0	23.0	9.0								
15	0.0	0.0	0.0	1.0	1.0								
16	22.0	0.0	0.0	2.0	6.0								
17	19.0	17.0	0.0	13.0	51.0								
18	41.0	8.0	0.0	0.0	22.0								
19	0.0	23.0	0.0	28.0	14.0								
20	0.0	11.0	0.0	8.0	12.0								
21	0.0	0.0	0.0	20.0	13.0								
22	0.0	0.0	0.0	6.0	9.0								
23	0.0	0.0	3.0	13.0	7.0								
24	0.0	0.0	4.0	0.0	0.0								
25	0.0	0.0	20.0	0.0	0.0								
26	0.0	0.0	27.0	0.0	0.0								
27	0.0	0.0	15.0	5.0	0.0								
28	0.0	2.0	5.0	1.0	0.0								
29	0.0	0.0	0.0	10.0	0.0								
30	0.0	0.0	1.0	10.0	22.0								
31	0.0	0.0	7.0	8.0	8.0								
TOTAL	148.0	128.0	257.0	289.0	227.0								
DIAS LLUVIA	10	9	20	24	20								

PUESTO: PORTACHUELO
AÑO: 1991

DPTO: CAUCA
MPIO: ROSAS

LATITUD: 02° 15'N LONGITUD: 76° 45'W
ALTITUD : 1750 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	26.0	0.0	30.0	0.0	5.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	
2	5.0	1.5	5.0	0.0	3.0	0.0	0.0	0.0	0.0	7.5	20.0	18.0	
3	9.0	18.5	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	7.0	5.0	
4	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	32.0	
5	2.0	0.0	7.0	0.0	0.0	2.0	0.0	5.0	0.0	1.0	9.0	0.0	
6	11.0	0.0	12.0	2.5	0.0	0.0	0.0	6.0	0.0	0.0	92.5	5.0	
7	0.0	33.0	16.0	0.0	0.0	0.0	0.0	9.0	0.0	21.0	55.0	26.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	34.0	28.0	14.0	
9	0.0	0.0	20.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	15.0	29.0	
10	7.0	0.0	11.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	34.5	
11	44.5	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5	0.0	
12	0.0	0.0	4.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	6.0	
13	24.0	0.0	33.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	18.0	
14	14.0	0.0	34.5	6.0	2.0	0.0	0.0	0.0	4.0	0.0	10.0	22.0	
15	35.0	0.0	18.0	2.0	15.0	16.0	0.0	0.0	15.0	0.0	0.0	30.0	
16	2.0	6.0	2.5	0.0	0.0	20.5	0.0	0.0	48.5	0.0	0.0	24.0	
17	5.0	15.0	11.0	0.0	23.0	0.0	0.0	0.0	33.0	0.0	7.0	7.0	
18	15.0	23.5	0.0	0.0	15.0	0.0	0.0	0.0	3.0	0.0	0.0	10.5	
19	18.0	0.0	0.0	0.0	8.5	6.0	0.0	0.0	6.0	0.0	21.0	0.0	
20	0.0	0.0	0.0	0.0	20.5	5.0	0.0	0.0	10.0	0.0	0.0	7.0	
21	9.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	4.5	0.0	0.0	8.0	
22	0.0	0.0	0.0	0.0	14.5	2.0	0.0	0.0	20.0	0.0	0.0	103.0	
23	0.0	0.0	29.0	0.0	7.0	0.0	0.0	0.0	4.0	0.0	0.0	10.0	
24	0.0	0.0	38.0	1.5	9.0	0.0	0.0	0.0	6.0	10.0	6.0	12.0	
25	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	5.5	50.0	30.0	0.0	
26	0.0	0.0	40.0	2.0	0.0	7.5	0.0	0.0	10.0	10.0	56.0	33.0	
27	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	0.0	9.5	
28	0.0	15.0	10.0	3.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	20.0	
29	0.0	0.0	17.0	25.0	18.0	0.0	6.5	0.0	15.5	0.0	0.0	0.0	
30	0.0	0.0	4.0	0.0	25.5	0.0	22.0	0.0	14.0	0.0	0.0	0.0	
31	2.0	0.0	25.0	7.0	7.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	228.5	112.5	409.0	86.5	190.5	64.5	39.0	35.5	244.0	154.5	424.0	483.5	
DIAS LLUVIA	16	7	23	11	16	8	3	5	17	9	17	23	

PUESTO: SAN PEDRO
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD: 05° 30'N LONGITUD: 74° 28'N
MPIO: CAPARRAPI ALTITUD: 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1					0.0	0.0	2.7	0.0	0.0	0.0	16.0	0.0	
2					26.1	8.5	0.0	0.0	0.0	47.1	12.0	13.4	
3					40.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	
4					0.0	12.2	5.6	0.0	0.0	0.0	0.0	0.0	
5					0.0	5.3	7.5	0.0	0.0	12.6	0.0	0.0	
6					0.0	26.2	0.0	0.0	0.0	23.2	10.4	0.0	
7					0.0	0.0	34.2	34.4	0.0	35.3	20.6	0.0	
8					0.0	0.0	0.0	0.0	0.0	44.5	6.3	0.0	
9					10.8	0.0	39.2	5.6	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	
11					18.8	0.0	0.0	0.0	0.0	0.0	0.0	3.2	
12					50.1	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	96.0	0.0	
14					0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	
15					0.0	31.8	0.0	0.0	6.9	0.0	0.0	0.0	
16					0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0	
17					26.2	40.0	0.0	0.0	19.2	0.0	0.0	0.0	
18					3.1	0.0	0.0	0.0	10.4	0.0	24.0	0.0	
19					10.6	0.0	0.0	0.0	5.8	0.0	14.0	0.0	
20					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21					2.1	37.1	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	
23					60.2	8.5	0.0	0.0	16.3	0.0	22.3	24.5	
24					0.0	0.0	0.0	0.0	0.0	0.0	57.7	0.0	
25					2.9	0.0	0.0	0.0	19.2	6.7	5.5	0.0	
26					0.0	49.5	0.0	0.0	0.0	0.0	0.0	11.7	
27					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28					0.0	0.0	0.0	0.0	0.0	20.7	0.0	0.0	
29					0.0	0.0	0.0	0.0	0.0	34.6	0.0	0.0	
30					5.3	0.0	10.9	0.0	0.0	1.1	0.0	12.4	
31					8.1		6.0	0.0		8.2		0.0	
TOTAL					264.3	228.9	106.1	40.0	92.1	234.0	297.8	65.2	ANUAL
DIAS LLUVIA					13	10	7	2	7	10	12	5	

PUESTO: SECRETARIA AGRICULTURA
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD: 05° 27'N LONGITUD: 74° 24'W
MPIO: LA PALMA ALTITUD: 1250 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	27.0	0.0	2.0	6.1	19.7	19.2							
2	0.0	0.0	7	0.0	6.6	26.1							
3	0.0	0.0	4.2	0.0	15.5	0.0							
4	5.0	2.4	7.0	3.9	31.3	0.0							
5	7.6	0.0	5.0	14.2	0.0	8.4							
6	19.0	0.0	8.9	1.2	0.0	3.8							
7	0.0	0.0	4.8	0.0	3.9	0.0							
8	0.0	10.0	9.0	26.4	0.0	0.0							
9	14.0	2.0	3.3	5.1	0.0	0.0							
10	0.0	0.0	0.0	24.4	0.0	0.0							
11	0.0	0.0	9.0	4.9	0.0	0.0							
12	0.0	12.0	6.4	33.8	23.2	0.0							
13	0.0	19.0	24.0	0.0	33.0	0.0							
14	0.0	0.0	6.4	0.0	1.9	11.5							
15	0.0	7.2	30.0	5.0	0.0	12.5							
16	0.0	4.0	1.0	0.0	7.5	2.5							
17	0.0	8.0	0.0	29.7	1.8	11.9							
18	0.0	3.0	0.0	0.0	1.6	7.8							
19	0.0	0.0	0.0	8.0	26.3	11.0							
20	0.0	5.2	0.0	0.0	30.0	15.6							
21	0.0	0.0	0.0	0.0	7.7	11.0							
22	0.0	0.0	0.0	0.0	9.0	18.6							
23	0.0	0.0	21.0	0.0	16.4	28.4							
24	0.0	0.0	0.0	0.0	2.9	1.2							
25	0.0	0.0	0.0	0.0	0.0	0.0							
26	0.0	0.0	8.6	10.6	0.0	43.0							
27	0.0	20.0	29.5	0.0	0.0	12.6							
28	6.2	4.0	3.0	7.8	0.0	0.0							
29	0.0		0.0	27.1	1.9	1.0							
30	23.0		16.3	15.5	0.0	0.0							
31	0.0		6.0		3.0								
TOTAL	101.8	96.8	206.1	223.7	243.2	246.1							ANUAL
DIAS LLUVIA	7	12	21	16	19	18							

PUESTO: EL PARAISO
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD: 05° 17'N LONGITUD: 74° 31'W
MPIO: CAPARRAPI ALTITUD : 1450 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	0.0	0.0	0.0	25.0	0.0	2.0	0.0	6.0	0.0	15.0	
2	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	10.0	8.0	4.0	
6	0.0	0.0	17.0	30.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
7	10.0	0.0	7.0	40.0	0.0	0.0	0.0	0.0	0.0	112.0	0.0	0.0	
8	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	
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	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	2.0	2.0	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	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	20.0	0.0	19.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
20	0.0	26.0	0.0	0.0	7.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
22	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
23	0.0	0.0	38.0	0.0	7.0	12.0	0.0	0.0	3.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	
25	0.0	0.0	0.0	0.0	15.0	5.0	0.0	0.0	49.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	7.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	41.0	0.0	0.0	5.0	0.0	0.0	20.0	0.0	0.0	
30	22.0	0.0	0.0	64.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	37.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	0.0	
TOTAL	32.0	49.0	179.0	245.0	84.0	65.0	15.0	2.0	189.0	166.0	37.0	85.0	1148.0
DIAS LLUVIA	2	4	7	6	8	7	3	1	8	6	3	6	61

PUESTO: LA FLORIDA
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD: 05° 05'N LONGITUD: 74° 18'W
MPIO: VERGARA ALTITUD : 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	10.0	0.0	8.0	7.0	0.0	0.0	3.0	0.0	39.0	0.0	0.0	
2	4.0	19.0	0.0	0.0	23.0	15.0	0.0	5.0	0.0	36.0	0.0	1.0	
3	21.0	25.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	
4	1.0	2.0	5.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	18.0	20.0	
5	0.0	0.0	0.0	29.0	0.0	1.0	0.0	0.0	0.0	11.0	0.0	0.0	
6	2.0	21.0	17.0	0.0	0.0	7.0	3.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	3.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	95.0	0.0	5.0	
8	0.0	12.0	34.0	77.0	0.0	0.0	0.0	4.0	0.0	6.0	37.0	5.0	
9	0.0	0.0	0.0	2.0	0.0	0.0	0.0	3.0	0.0	0.0	25.0	2.0	
10	4.0	0.0	24.0	37.0	0.0	3.0	0.0	0.0	0.0	4.0	28.0	1.0	
11	0.0	46.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
12	0.0	4.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	8.0	
13	0.0	14.0	3.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	33.0	7.0	
14	0.0	0.0	18.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	
15	0.0	0.0	0.0	57.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	
16	0.0	6.0	70.0	1.0	0.0	1.0	0.0	0.0	72.0	0.0	0.0	13.0	
17	0.0	31.0	0.0	3.0	0.0	14.0	0.0	0.0	1.0	0.0	0.0	20.0	
18	7.0	1.0	0.0	20.0	65.0	0.0	0.0	0.0	32.0	0.0	0.0	14.0	
19	2.0	18.0	0.0	0.0	31.0	0.0	20.0	0.0	58.0	0.0	0.0	0.0	
20	0.0	15.0	0.0	0.0	8.0	0.0	0.0	0.0	7.0	0.0	35.0	0.0	
21	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	5.0	0.0	0.0	31.0	
22	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	31.0	0.0	18.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	12.0	0.0	
25	0.0	0.0	21.0	0.0	9.0	0.0	0.0	0.0	0.0	14.0	45.0	0.0	
26	0.0	0.0	19.0	10.0	4.0	1.0	0.0	0.0	4.0	0.0	0.0	0.0	
27	0.0	0.0	35.0	0.0	0.0	4.0	0.0	0.0	5.0	0.0	0.0	0.0	
28	0.0	9.0	16.0	27.0	0.0	0.0	0.0	2.0	5.0	0.0	0.0	54.0	
29	0.0	0.0	16.0	51.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	46.0	0.0	7.0	9.0	0.0	21.0	47.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	12.0	4.0	0.0	11.0	0.0	0.0	
TOTAL	41.0	236.0	286.0	414.0	218.0	53.0	54.0	21.0	284.0	263.0	328.0	219.0	2417.0
DIAS LLUVIA	7	16	14	16	14	9	5	6	13	9	13	14	136

PUESTO: ICALI
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD: 04° 57'N LONGITUD: 74° 25'W
MPIO: SASAIMA ALTITUD : 1300 m.

DIA	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	7.0						
2	11.0	16.0	14.0	0.0	3.0	13.0	0.0						
3	0.0	8.0	0.0	0.0	48.0	0.0	0.0						
4	0.0	0.0	28.0	0.0	20.0	2.0	2.0						
5	0.0	0.0	0.0	0.0	0.0	2.0	4.5						
6	24.0	21.0	10.0	14.0	0.0	10.0	0.0						
7	0.0	23.0	7.0	0.0	0.0	0.0	0.0						
8	8.0	0.0	0.0	32.0	0.0	0.0	0.0						
9	0.0	0.0	51.0	0.0	0.0	0.0	0.0						
10	37.0	0.0	0.0	12.0	0.0	0.0	0.0						
11	3.0	43.0	8.5	7.0	0.0	0.0	5.0						
12	0.0	10.0	6.0	46.0	35.0	0.0	0.0						
13	0.0	0.0	12.0	0.0	0.0	0.0	0.0						
14	0.0	4.5	3.0	24.0	0.0	18.0	0.0						
15	0.0	12.0	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						
17	20.5	16.0	0.0	26.5	5.0	7.0	0.0						
18	14.5	6.0	0.0	0.0	40.0	0.0	0.0						
19	0.0	0.0	0.0	0.0	9.0	0.0	0.0						
20	2.5	0.0	0.0	0.0	40.0	0.0	3.0						
21	0.0	0.0	0.0	0.0	7.0	0.0	0.0						
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
23	0.0	0.0	39.0	23.0	0.0	0.0	0.0						
24	0.0	0.0	0.0	0.0	18.0	0.0	0.0						
25	0.0	0.0	96.0	0.0	0.0	33.0	0.0						
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
27	0.0	0.0	34.0	0.0	0.0	0.0	0.0						
28	0.0	30.0	0.0	0.0	0.0	4.0	0.0						
29	0.0	0.0	4.0	0.0	0.0	0.0	0.0						
30	0.0	0.0	37.5	28.0	8.0	0.0	19.5						
31	0.0	0.0	6.0	0.0	0.0	0.0	0.0						
TOTAL	120.5	189.5	356.0	214.5	241.0	92.0	41.0						ANUAL
DIAS LLUVIA	8	11	15	10	12	9	6						

PUESTO: SAN JUAN
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD: 04° 51'N LONGITUD: 74° 37'W
MPIO: SAN JUAN DE RIOSECO ALTITUD : 1300 m.

DIA	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	3.2	0.0	7.5	0.0	0.0	
2	20.5	0.0	0.0	0.0	3.8	0.0	2.4	0.0	0.0	0.0	5.4	6.5	
3	10.8	4.3	0.0	0.0	4.2	0.0	7.2	0.0	0.0	0.0	6.4	5.2	
4	0.0	0.0	20.0	20.3	0.0	0.0	0.0	0.0	0.0	0.0	15.2	9.5	
5	0.0	2.3	4.3	0.0	4.3	0.0	4.1	0.0	0.0	0.0	26.0	0.0	
6	0.0	0.0	3.3	0.0	0.0	7.5	0.0	0.0	0.0	0.0	32.5	0.0	
7	0.0	0.0	24.0	10.2	0.0	18.6	0.0	5.2	0.0	29.2	27.0	2.3	
8	0.0	0.0	10.0	20.2	0.0	5.6	0.0	13.0	0.0	7.5	0.0	0.0	
9	0.0	0.0	6.3	0.0	0.0	0.0	0.0	4.1	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	2.2	19.2	
11	0.0	15.0	16.0	10.2	0.0	0.0	12.3	0.0	0.0	0.0	0.0	0.0	
12	0.0	5.3	0.0	0.0	0.0	0.0	0.0	3.2	0.0	3.2	0.0	0.0	
13	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	3.4	2.1	18.8	7.2	
14	0.0	5.1	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	
15	0.0	0.0	10.0	0.0	0.0	1.5	0.0	0.0	4.5	0.0	12.4	9.2	
16	0.0	30.0	0.0	20.0	9.2	0.0	0.0	0.0	0.0	5.3	24.3	8.3	
17	0.0	0.0	0.0	0.0	20.3	0.0	0.0	0.0	13.0	8.2	0.0	12.5	
18	0.0	0.0	0.0	10.0	10.0	0.0	11.1	0.0	5.2	0.0	4.5	3.1	
19	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	
20	0.0	26.5	0.0	0.0	10.4	0.0	0.0	0.0	10.0	0.0	3.2	0.0	
21	0.0	0.0	0.0	0.0	36.3	0.0	0.0	0.0	9.2	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	13.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	7.3	0.0	4.1	0.0	
24	0.0	0.0	15.3	0.0	0.0	0.0	0.0	0.0	5.2	8.2	0.0	0.0	
25	0.0	0.0	30.4	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	4.3	0.0	0.0	5.9	2.1	0.0	0.0	8.1	0.0	0.0	0.0	
27	0.0	10.0	40.2	0.0	0.0	5.4	0.0	0.0	5.2	10.1	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	20.5	0.0	9.8	
29	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	2.1	0.0	0.0	0.0	
30	0.0	0.0	10.3	10.0	0.0	0.0	4.2	0.0	22.3	0.0	0.0	0.0	
31	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	31.3	102.8	200.6	121.2	122.0	42.0	44.7	28.7	113.9	101.8	182.0	98.1	ANUAL
DIAS LLUVIA	2	9	13	9	12	7	7	5	15	10	13	12	1189.1 114

PUESTO: PINAR DEL RIO
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD: 04° 27'N LONGITUD: 74° 23'W
MPIO: SILVANIA ALTITUD : 1750 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	7.0	0.0	0.0	5.0	0.0	9.0	13.0	15.0	9.0	21.0	0.0	0.0	
2	1.0	0.0	52.0	11.0	0.0	11.0	0.0	9.0	0.0	8.0	0.0	0.0	
3	0.0	6.0	5.0	1.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	7.0	4.0	14.0	2.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	
5	0.0	0.0	14.0	15.0	0.0	2.0	3.0	0.0	0.0	0.0	44.0	18.0	
6	8.0	0.0	7.0	0.0	0.0	3.0	1.0	0.0	0.0	0.0	35.0	0.0	
7	1.0	2.0	6.0	0.0	1.0	0.0	7.0	4.0	0.0	24.0	10.0	0.0	
8	0.0	0.0	20.0	3.0	0.0	0.0	0.0	4.0	0.0	6.0	0.0	0.0	
9	0.0	0.0	3.0	0.0	1.0	0.0	3.0	5.0	0.0	7.0	4.0	5.0	
10	0.0	0.0	2.0	0.0	9.0	7.0	0.0	0.0	0.0	4.0	5.0	0.0	
11	5.0	10.0	4.0	18.0	0.0	0.0	5.0	0.0	1.0	3.0	0.0	0.0	
12	0.0	0.0	20.0	61.0	3.0	2.0	0.0	0.0	0.0	15.0	1.0	0.0	
13	0.0	11.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
14	0.0	1.0	5.0	41.0	4.0	1.0	0.0	20.0	0.0	0.0	22.0	7.0	
15	1.0	9.0	0.0	7.0	2.0	0.0	5.0	3.0	2.0	0.0	40.0	94.0	
16	11.0	0.0	3.0	1.0	0.0	1.0	11.0	2.0	6.0	0.0	2.0	12.0	
17	0.0	0.0	0.0	2.0	1.0	0.0	0.0	9.0	1.0	4.0	3.0	11.0	
18	3.0	0.0	0.0	0.0	6.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	
19	4.0	6.0	0.0	9.0	16.0	9.0	0.0	0.0	23.0	0.0	7.0	0.0	
20	0.0	0.0	0.0	2.0	1.0	2.0	0.0	0.0	8.0	0.0	0.0	2.0	
21	0.0	0.0	0.0	4.0	28.0	21.0	1.0	1.0	0.0	0.0	6.0	0.0	
22	0.0	0.0	0.0	1.0	5.0	0.0	0.0	0.0	2.0	0.0	0.0	4.0	
23	0.0	1.0	5.0	0.0	2.0	1.0	0.0	8.0	29.0	0.0	0.0	32.0	
24	0.0	0.0	30.0	0.0	0.0	0.0	4.0	0.0	28.0	0.0	0.0	0.0	
25	0.0	0.0	6.0	0.0	4.0	0.0	3.0	0.0	5.0	0.0	1.0	0.0	
26	0.0	0.0	21.0	0.0	22.0	1.0	1.0	0.0	4.0	0.0	22.0	0.0	
27	0.0	0.0	29.0	27.0	0.0	12.0	0.0	0.0	0.0	12.0	0.0	0.0	
28	0.0	2.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
29	0.0	0.0	0.0	0.0	6.0	1.0	0.0	0.0	0.0	7.0	0.0	0.0	
30	0.0	0.0	13.0	4.0	0.0	15.0	11.0	0.0	0.0	2.0	17.0	0.0	
31	0.0	0.0	8.0	0.0	0.0	0.0	0.0	1.0	0.0	6.0	0.0	0.0	
TOTAL	41.0	55.0	271.0	226.0	123.0	100.0	75.0	83.0	118.0	121.0	229.0	189.0	1622.0
DIAS LLUVIA	9	10	22	18	18	17	15	0	11	14	15	10	160

PUESTO: AGUADULCE
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD: 04° 21'N LONGITUD: 74° 31'W
MPIO: NILO ALTITUD : 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1					0.0	0.0	.6	37.0	0.0	12.3	0.0	0.0	
2					2.7	34.4	1.5	29.0	0.0	0.0	0.0	0.0	
3					22.6	0.0	0.0	0.0	0.0	0.0	13.4	0.0	
4					1.4	0.0	0.0	0.0	0.0	0.0	2.7	0.0	
5					11.9	0.0	10.0	0.0	0.0	0.0	3.0	73.0	
6					0.0	.7	1.3	.5	0.0	0.0	80.7	0.0	
7					5.0	0.0	0.0	5.0	0.0	37.6	10.5	0.0	
8					1.0	0.0	4.2	6.1	0.0	9.8	7.5	0.0	
9					0.0	0.0	0.0	0.0	0.0	10.0	5.5	0.0	
10					2.3	4.0	0.0	0.0	0.0	0.0	6.0	0.0	
11					0.0	0.0	1.4	0.0	0.0	0.0	2.5	0.0	
12					1.4	0.0	0.0	0.0	0.0	0.0	2.5	7.2	
13					0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
14					.5	0.0	0.0	0.0	0.0	0.0	3.5	45.3	
15					0.0	0.0	0.0	0.0	4.6	0.0	29.0	32.3	
16					0.0	.3	0.0	0.0	0.0	0.0	56.2	15.2	
17					7.9	0.0	0.0	0.0	35.4	3.8	14.7	32.3	
18					3.5	0.0	3.3	3.2	0.0	0.0	5.0	7.0	
19					8.1	0.0	0.0	0.0	7.0	0.0	0.0	8.2	
20					19.5	0.0	0.0	0.0	0.0	0.0	3.0	53.2	
21					10.7	0.0	0.0	0.0	0.0	0.0	0.0	7.3	
22					1.7	0.0	0.0	0.0	9.0	0.0	0.0	14.2	
23					0.0	1.9	0.0	0.0	5.0	0.0	3.5	0.0	
24					0.0	.5	2.4	0.0	0.0	0.0	3.4	0.0	
25					0.0	1.5	0.0	0.0	35.7	0.0	8.5	0.0	
26					53.7	1.3	0.0	0.0	19.8	8.0	0.0	0.0	
27					0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	
28					0.0	0.0	0.0	0.0	0.0	0.0	1.3	9.3	
29					1.6	2.0	0.0	0.0	0.0	4.6	0.0	10.0	
30					0.0	2.0	3.2	0.0	0.0	0.0	0.0	0.0	
31					.9		27.8	0.0	0.0	0.0	0.0	0.0	
TOTAL					156.4	52.9	60.7	80.8	116.5	86.1	302.4	324.5	
DIAS LLUVIA					18	11	10	6	7	7	21	13	

PUESTO: EXPOABRACOL
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD: 04° 17'N LONGITUD: 74° 23'W
MPIO: FUSAGASUGA ALTITUD : 1500 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1			0.0	16.5	2.5	0.0	4.1	9.5	4.8	1.6	0.0	0.0	
2			0.0	18.3	11.5	2.1	0.0	11.6	0.0	0.0	0.0	0.0	
3			0.0	0.0	16.3	0.0	0.0	0.0	0.0	1.9	0.0	0.0	
4			0.0	0.0	3.8	0.0	.9	0.0	0.0	0.0	12.7	0.0	
5			0.0	5.4	4.5	1.6	2.1	0.0	0.0	0.0	0.0	1.5	
6			0.0	1.5	0.0	1.6	3.6	3.1	0.0	4.5	8.2	0.0	
7			0.0	0.0	15.3	0.0	1.5	8.9	0.0	4.2	4.6	0.0	
8			0.0	3.2	0.0	0.0	4.2	10.0	0.0	3.7	0.0	0.0	
9			0.0	0.0	0.0	9.2	0.0	0.0	0.0	32.5	3.5	0.0	
10			0.0	1.6	1.3	2.0	1.7	0.0	0.0	0.0	0.0	0.0	
11			3.2	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	
12			8.5	28.9	19.1	0.0	0.0	0.0	0.0	0.0	2.3	0.0	
13			6.6	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	13.7	
14			0.0	29.9	3.2	0.0	0.0	5.6	0.0	0.0	17.3	18.5	
15			0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	44.6	4.6	
16			0.0	3.2	0.0	2.8	0.0	0.0	12.1	0.0	27.4	2.5	
17			0.0	0.0	3.7	0.0	.8	0.0	8.7	3.8	.7	21.1	
18			0.0	11.7	4.7	0.0	1.2	0.0	0.0	0.0	4.7	9.6	
19			0.0	0.0	2.5	0.0	0.0	0.0	38.3	0.0	0.0	0.0	
20			0.0	0.0	21.5	0.0	0.0	0.0	0.0	0.0	13.8	C.0	
21			0.0	0.0	11.1	11.5	0.0	.9	0.0	0.0	0.0	1.5	
22			0.0	0.0	3.4	3.2	0.0	0.0	4.7	0.0	3.9	2.9	
23			2.4	1.5	6.9	0.0	0.0	0.0	3.0	0.0	0.0	33.6	
24			.6	0.0	0.0	1.8	1.6	0.0	1.5	0.0	0.0	0.0	
25			6.8	0.0	2.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	
26			22.0	0.0	31.0	9.5	0.0	0.0	64.3	0.0	1.4	0.0	
27			6.2	3.9	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	
28			7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29			0.0	0.0	1.6	1.5	0.0	0.0	0.0	3.0	0.0	4.7	
30			12.3	3.7	0.0	2.5	28.8	0.0	0.0	6.4	0.0	0.0	
31			45.5		2.1		1.7	9.8		0.0		0.0	
TOTAL			121.8	129.3	168.0	59.7	53.7	62.2	137.4	61.6	145.1	114.2	ANUAL
DIAS LLUVIA			11	13	20	15	13	9	8	9	13	11	

PUESTO: EL ROBLE
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD:
MPIO: GUADUAS

LONGITUD:
ALTITUD : 1350 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1				2.7	0.0	4.0	0.0	0.0	0.0	9.5	0.0	0.0	
2				2.0	11.1	0.0	0.0	0.0	0.0	0.0	20.0	4.0	
3				0.0	0.0	1.9	8.6	0.0	0.0	0.0	0.0	0.0	
4				0.0	6.8	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
5				5.2	0.0	0.0	2.0	0.0	0.0	28.3	0.0	6.5	
6				1.6	0.0	0.0	2.3	4.5	0.0	0.0	15.0	0.0	
7				1.3	0.0	0.0	0.0	0.0	0.0	40.2	0.0	0.0	
8				21.3	0.0	0.0	0.0	2.9	0.0	15.8	52.0	0.0	
9				5.8	11.6	0.0	0.0	13.2	0.0	5.0	0.0	0.0	
10				3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.4	
11			46.8	11.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12			.5	21.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13			27.8	21.5	0.0	5.8	0.0	0.0	0.0	0.0	25.0	0.0	
14			18.5	25.1	0.0	0.0	0.0	.5	0.0	0.0	15.0	0.0	
15			1.8	2.0	0.0	5.1	0.0	0.0	1.8	0.0	0.0	9.6	
16			0.0	0.0	2.9	0.0	0.0	0.0	1.8	0.0	0.0	27.0	
17			0.0	0.0	3.5	0.0	0.0	0.0	23.4	0.0	0.0	4.8	
18			0.0	0.0	12.2	13.9	0.0	0.0	19.3	3.3	0.0	0.0	
19			0.0	0.0	5.6	0.0	0.0	0.0	27.6	0.0	0.0	0.0	
20			0.0	0.0	14.8	0.0	0.0	0.0	4.3	0.0	0.0	0.0	
21			0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22			0.0	0.0	23.2	0.0	0.0	0.0	10.5	0.0	0.0	7.5	
23			13.5	0.0	1.3	0.0	0.0	0.0	9.8	0.0	0.0	0.0	
24			0.0	0.0	1.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
25			20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	C.0	
26			1.6	0.0	0.0	17.3	0.0	0.0	9.3	0.0	0.0	0.0	
27			18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28			.6	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	
29			0.0	0.0	0.0	0.0	3.8	0.0	0.0	8.0	0.0	17.5	
30			11.7	14.0	0.0	0.0	9.0	0.0	20.4	0.0	8.0	0.0	
31			2.3		0.0		7.0	4.5		0.0		0.0	
TOTAL				151.4	107.3	34.1	32.7	25.7	140.8	111.1	160.0	127.3	ANUAL
DIAS LLUVIA				15	13	5	6	5	12	7	7	8	

PUESTO: LA ESPERANZA
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD:
MPIO: GUAYABAL DE SIQUIMA

LONGITUD:
ALTITUD : 1660 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1					0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	
2					0.0	1.0	0.0	7.0	0.0	0.0	4.0	0.0	
3					4.0	0.0	0.0	0.0	0.0	0.0	24.5	0.0	
4					0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
5					0.0	0.0	0.0	1.0	0.0	4.5	1.0	15.0	
6					0.0	0.0	2.6	0.0	0.0	25.0	48.5	3.0	
7					0.0	0.0	0.0	1.5	0.0	25.0	4.5	10.0	
8					0.0	0.0	1.5	2.0	0.0	11.0	10.0	10.0	
9					3.0	0.0	0.0	3.0	0.0	0.0	3.0	2.0	
10					1.0	0.0	0.0	0.0	2.0	0.0	15.5	1.0	
11					34.0	0.0	0.0	4.5	2.0	0.0	0.0	0.0	
12					4.0	14.5	0.0	0.0	0.0	0.0	0.0	21.0	
13					0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
14					10.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0	
15					0.0	0.0	0.0	0.0	4.5	0.0	16.0	13.0	
16					0.0	0.0	0.0	0.0	10.0	0.0	12.0	17.0	
17					100.0	0.0	0.0	0.0	10.0	5.9	17.5	11.0	
18					0.0	19.5	0.0	0.0	24.0	0.0	8.5	21.0	
19					0.0	39.0	0.0	0.0	26.6	0.0	0.0	1.0	
20					0.0	5.5	0.0	0.0	2.2	0.0	6.5	0.0	
21					0.0	17.5	0.0	0.0	6.0	0.0	3.0	0.0	
22					0.0	1.0	0.0	0.0	5.4	0.0	0.0	1.0	
23					0.0	13.4	0.0	0.0	1.0	0.0	0.0	0.0	
24					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	0.0	0.0	0.0	0.0	
26					0.0	0.0	15.0	0.0	3.4	0.0	0.0	0.0	
27					0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	
28					0.0	0.0	0.0	4.0	0.0	0.0	0.0	27.0	
29					18.0	6.0	0.0	4.5	0.0	18.0	3.0	0.0	
30					21.6	0.0	0.0	10.0	0.0	8.0	0.0	0.0	
31					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	=====				125.4	33.0	27.1	18.5	119.1	82.9	238.5	153.0	ANUAL
DIAS LLUVIA	=====				10	3	6	7	12	7	17	14	

PUESTO: LA ESPERANZA
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD:
MPIO: VILLETA

LONGITUD:
ALTITUD : 1200 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1					0.0	3.0	1.0	0.0	0.0	8.0	0.0	0.0	
2					31.0	3.5	0.0	7.0	0.0	0.0	19.0	1.0	
3					20.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
4					0.0	0.0	0.0	0.0	0.0	0.0	24.0	1.0	
5					40.0	0.0	3.0	0.0	0.0	24.0	2.0	0.0	
6					0.0	4.0	2.0	0.0	0.0	0.0	13.0	0.0	
7					0.0	0.0	0.0	1.0	0.0	23.0	1.0	46.0	
8					0.0	0.0	0.0	1.0	0.0	11.0	73.0	2.0	
9					0.0	0.0	0.0	22.0	0.0	0.0	15.0	0.0	
10					0.0	0.0	0.0	0.0	0.0	0.0	4.0	12.0	
11					28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12					14.0	57.0	0.0	3.0	0.0	0.0	0.0	1.0	
13					11.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	
14					17.0	17.0	2.0	0.0	0.0	0.0	12.0	0.0	
15					0.0	0.0	4.0	0.0	0.0	1.0	0.0	1.0	
16					29.0	5.0	9.0	0.0	1.0	0.0	1.0	3.0	
17					0.0	0.0	1.0	0.0	2.0	1.0	0.0	7.0	
18					5.0	17.0	0.0	0.0	0.0	55.0	3.0	0.0	
19					0.0	47.0	0.0	0.0	0.0	42.0	0.0	0.0	
20					0.0	32.0	0.0	0.0	0.0	7.0	0.0	0.0	
21					0.0	3.0	0.0	0.0	0.0	4.0	0.0	13.0	
22					9.0	6.0	0.0	0.0	0.0	49.0	0.0	5.0	
23					0.0	11.0	0.0	0.0	0.0	6.0	1.0	0.0	
24					0.0	15.0	0.0	0.0	0.0	3.0	0.0	0.0	
25					4.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
26					0.0	0.0	14.0	0.0	0.0	1.0	0.0	0.0	
27					5.0	0.0	2.0	0.0	0.0	1.0	0.0	3.0	
28					0.0	0.0	0.0	3.0	0.0	10.0	0.0	1.0	
29					0.0	0.0	0.0	0.0	0.0	1.0	20.0	37.0	
30					17.0	1.0	1.0	8.0	0.0	22.0	10.0	0.0	
31					0.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	
TOTAL	=====				303.0	43.5	21.0	35.0	209.0	111.0	207.0	133.0	ANUAL
DIAS LLUVIA	=====				14	10	7	5	16	8	15	14	

PUESTO: SAN LUIS
AÑO: 1991

DPTO: CUNDINAMARCA LATITUD: 04° 14'N LONGITUD: 74° 25'W
MPIO: ARBELAEZ ALTITUD: 1700 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				0.0	2.9	0.0	0.0	5.4	0.0	.4	0.0	0.0
2				0.0	7.2	23.5	5.4	5.1	0.0	1.6	0.0	0.0
3				0.0	31.0	0.0	3.6	4.6	0.0	4.0	0.0	42.0
4				0.0	0.0	0.0	2.1	2.4	0.0	0.0	18.0	4.0
5				3.4	9.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0
6				.6	0.0	2.5	9.7	3.1	0.0	9.9	17.1	0.0
7				1.2	7.6	0.0	1.4	7.0	0.0	18.3	0.0	0.0
8			0.0	34.6	0.0	0.0	0.0	8.0	0.0	14.7	2.1	0.0
9			0.0	9.0	0.0	0.0	2.6	1.3	0.0	7.2	0.0	0.0
10			12.0	3.1	7.5	16.3	.6	0.0	0.0	3.8	2.3	0.0
11			5.8	1.8	0.0	0.0	2.0	0.0	0.0	2.4	0.0	0.0
12			24.3	50.7	11.0	0.0	3.2	0.0	0.0	.6	12.0	0.0
13			4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	10.5
14			0.0	32.2	9.2	3.6	0.0	4.6	0.0	0.0	8.7	38.0
15			0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	20.8	22.0
16			0.0	0.0	0.0	3.0	1.2	2.0	5.0	1.7	1.9	4.1
17			0.0	0.0	2.9	0.0	0.0	6.8	1.0	2.6	4.7	0.0
18			0.0	14.2	10.1	0.0	2.0	2.2	0.0	1.4	2.3	0.0
19			0.0	8.3	6.0	0.0	1.0	0.0	0.0	0.0	20.0	10.1
20			0.0	0.0	42.5	4.0	1.0	0.0	0.0	0.0	24.0	9.2
21			0.0	0.0	8.2	6.2	0.0	0.0	12.1	0.0	10.0	0.0
22			0.0	0.0	12.0	0.0	0.0	.9	9.7	0.0	3.2	0.0
23			4.1	2.5	8.0	0.0	0.0	0.0	9.3	0.0	0.0	11.2
24			4.2	0.0	0.0	.3	0.0	0.0	0.0	0.0	0.0	0.0
25			53.2	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0
26			1.3	0.0	23.9	9.1	0.0	0.0	53.6	0.0	1.5	0.0
27			14.7	8.7	0.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0
28			10.9	0.0	0.0	10.0	2.8	0.0	0.0	0.0	0.0	0.0
29			10.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
30			15.1	.9	0.0	0.0	6.0	0.0	2.0	0.0	0.0	0.0
31			41.2		0.0		3.2	2.6		0.0		0.0
TOTAL				171.2	199.0	93.8	50.8	58.3	92.7	70.9	161.6	151.1
DIAS LLUVIA				14	16	12	17	15	7	14	16	9

ANUAL

PUESTO: CORRALES
AÑO: 1991

DPTO: HUILA LATITUD: 02° 43'N LONGITUD: 75° 33'W
MPIO: TERUEL ALTITUD: 1450 m.

DIA	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	0.0							
3	0.0	27.0	0.0	0.0	25.0							
4	0.0	0.0	0.0	0.0	14.0							
5	0.0	0.0	0.0	9.0	0.0							
6	28.0	1.0	0.0	1.0	7.0							
7	0.0	0.0	0.0	0.0	0.0							
8	0.0	0.0	0.0	4.0	9.0							
9	0.0	0.0	0.0	5.0	0.0							
10	0.0	13.0	0.0	1.0	0.0							
11	15.0	0.0	0.0	27.0	0.0							
12	0.0	0.0	0.0	31.0	0.0							
13	0.0	2.0	2.0	0.0	0.0							
14	0.0	0.0	0.0	0.0	0.0							
15	0.0	0.0	0.0	3.0	4.0							
16	1.0	22.0	0.0	0.0	0.0							
17	0.0	0.0	7.0	4.0	58.0							
18	8.0	10.0	0.0	0.0	0.0							
19	0.0	0.0	0.0	0.0	23.0							
20	0.0	0.0	0.0	0.0	0.0							
21	34.0	1.0	0.0	0.0	0.0							
22	0.0	1.0	0.0	0.0	4.0							
23	0.0	4.0	0.0	0.0	0.0							
24	0.0	0.0	0.0	0.0	35.0							
25	0.0	2.0	0.0	0.0	0.0							
26	0.0	0.0	0.0	0.0	0.0							
27	0.0	0.0	0.0	0.0	0.0							
28	0.0	0.0	0.0	0.0	0.0							
29	0.0		0.0	0.0	0.0							
30	0.0		0.0	0.0	0.0							
31	0.0		0.0		0.0							
TOTAL	86.0	83.0	9.0	86.0	179.0							
DIAS LLUVIA	5	10	2	10	9							

ANUAL

PUESTO: GUAYABAL
AÑO: 1991

DPTO: HUILA
MPIO: ALGECIRAS

LATITUD: 02° 33'N LONGITUD: 75° 15'W
ALTITUD : 1460 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1			22.0	7.0	0.0	0.0	4.0	0.0	0.0	9.8	0.0	0.0	
2			21.5	1.0	0.0	10.0	5.0	0.0	0.0	7.1	0.0	0.0	
3			10.5	8.0	0.0	8.0	8.0	1.0	0.0	.8	0.0	3.0	
4			12.4	9.9	1.0	0.0	1.1	1.1	1.0	0.0	0.0	11.5	
5			11.5	10.0	2.1	0.0	2.1	0.0	2.0	0.0	1.3	11.0	
6			45.0	9.0	0.0	0.0	0.0	2.0	0.0	13.0	1.5	5.0	
7			2.0	8.0	0.0	0.0	0.0	3.1	1.5	0.0	3.2	0.0	
8			6.0	0.0	1.5	0.0	0.0	2.8	2.0	2.0	1.3	0.0	
9			0.0	0.0	4.0	0.0	.5	1.8	3.1	0.0	5.0	0.0	
10			10.0	0.0	7.5	10.0	1.0	0.0	1.0	0.0	3.5	0.0	
11			9.0	0.0	6.0	9.0	1.4	1.4	0.0	0.0	0.0	0.0	
12			7.1	7.0	4.0	19.0	1.0	0.0	0.0	0.0	3.0	1.8	
13			0.0	5.0	6.0	8.0	0.0	0.0	0.0	0.0	1.1	2.0	
14			0.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0	1.3	1.9	
15			14.0	10.0	.7	0.0	0.0	0.0	2.0	0.0	1.9	2.0	
16			11.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
17			.9	4.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	8.0	
18			0.0	10.0	7.0	0.0	1.1	0.0	1.1	0.0	3.8	8.0	
19			0.0	8.5	10.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	
20			0.0	9.1	18.0	9.0	1.0	1.9	10.0	1.0	0.0	5.0	
21			0.0	5.0	15.6	2.0	10.0	.8	8.9	1.0	0.0	10.0	
22			0.0	1.0	.6	2.2	9.6	.4	6.0	1.0	0.0	10.0	
23			0.0	5.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	8.0	
24			6.8	1.0	6.0	.5	0.0	0.0	0.0	2.5	8.0	0.0	
25			10.0	.7	1.0	1.0	0.0	1.7	0.0	0.0	10.0	0.0	
26			8.0	0.0	0.0	8.0	0.0	1.5	1.0	0.0	0.0	0.0	
27			11.0	4.0	5.0	1.0	0.0	.9	1.5	0.0	0.0	0.0	
28			11.2	0.0	4.0	8.0	1.0	0.0	2.5	0.0	0.0	0.0	
29			9.0	1.1	8.5	11.0	6.5	3.1	0.0	0.0	0.0	0.0	
30			1.1	0.0	0.0	0.0	9.6	0.0	10.0	0.0	0.0	0.0	
31			0.0		5.0		0.0	0.0		0.0		0.0	
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	ANUAL
DIAS LLUVIA			240.0	133.1	125.2	111.7	69.1	24.5	53.6	38.2	44.9	89.2	
			21	22	22	16	17	15	15	9	13	15	

PUESTO: LA PRIMAVERA
AÑO: 1991

DPTO: HUILA
MPIO: GIGANTE

LATITUD: 02° 16'N LONGITUD: 75° 31'W
ALTITUD : 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	.5	0.0	0.0	0.0	0.0	0.0	14.0	9.2	0.0	2.2	0.0	0.0	
2	1.7	0.0	33.3	1.9	0.0	0.0	0.0	.7	0.0	0.0	2.0	0.0	
3	0.0	2.8	16.0	2.9	9.5	0.0	.7	0.0	0.0	.2	0.0	2.7	
4	0.0	0.0	0.0	0.0	.3	3.0	0.0	1.9	0.0	0.0	9.0	1.2	
5	0.0	0.0	5.5	0.0	0.0	0.0	3.7	.4	0.0	0.0	0.0	20.5	
6	1.1	0.0	7.3	0.0	0.0	3.0	13.0	2.2	4.6	1.0	41.7	15.2	
7	4.8	.8	2.2	0.0	2.3	0.0	5.1	7.2	0.0	18.2	.6	.7	
8	0.0	0.0	5.2	0.0	0.0	.8	2.9	2.1	0.0	7.4	13.3	.8	
9	0.0	0.0	.6	.4	2.5	8.5	2.1	9.2	3.7	7.1	1.0	.9	
10	0.0	0.0	6.9	5.0	0.0	0.0	5.9	0.0	.5	.9	0.0	0.0	
11	0.0	2.2	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	
12	0.0	7.8	69.9	6.0	3.0	0.0	2.1	0.0	0.0	0.0	0.0	2.5	
13	0.0	3.5	6.4	24.5	0.0	0.0	0.0	2.5	0.0	0.0	1.0	2.7	
14	0.0	0.0	2.5	65.5	2.7	1.2	5.5	3.8	0.0	0.0	7.2	0.0	
15	0.0	0.0	0.0	34.1	0.0	2.0	3.6	.9	1.4	0.0	7.2	46.5	
16	1.5	2.2	0.0	5.3	.6	2.4	0.0	2.6	2.4	0.0	4.0	3.9	
17	1.4	0.0	0.0	7.0	6.5	0.0	0.0	.8	0.0	5.4	1.5	30.9	
18	5.7	0.0	0.0	4.6	2.7	0.0	9.0	0.0	0.0	2.4	0.0	0.0	
19	10.2	0.0	0.0	0.0	6.0	3.4	1.9	0.0	9.7	0.0	2.5	0.0	
20	3.0	0.0	0.0	2.2	6.4	.5	1.8	0.0	0.0	0.0	2.8	0.0	
21	0.0	0.0	0.0	5.2	11.0	0.0	.4	1.5	0.0	0.0	0.0	1.7	
22	0.0	0.0	0.0	15.2	1.0	16.9	0.0	0.0	1.7	0.0	0.0	50.7	
23	0.0	1.4	0.0	6.9	1.1	5.0	15.2	3.0	2.5	0.0	.5	9.5	
24	0.0	4.1	10.1	0.0	0.0	9.5	0.0	0.0	.2	0.0	20.5	0.0	
25	0.0	0.0	0.0	.4	0.0	0.0	.3	0.0	1.0	.9	1.2	0.0	
26	0.0	.5	25.3	0.0	0.0	2.7	.5	.2	4.6	10.5	0.0	0.0	
27	0.0	0.0	0.0	.5	0.0	2.7	2.4	1.1	7.2	0.0	1.5	0.0	
28	0.0	0.0	7.6	0.0	0.0	15.4	17.2	.3	2.4	8.4	0.0	7.3	
29	0.0		0.0	0.0	1.2	0.0	2.1	0.0	1.2	4.0	0.0	14.2	
30	0.0		4.7	0.0	.3	5.1	2.4	8.3	4.4	0.0	0.0	0.0	
31	0.0		.7		8.0		13.5	11.2		0.0		0.0	
TOTAL	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	ANUAL
DIAS LLUVIA	29.9	25.3	204.2	187.6	65.1	82.1	138.7	69.1	47.5	68.6	117.5	211.9	1247.5
	9	9	16	17	17	16	24	20	15	13	17	17	190

PUESTO: VILLA CONSUELO
AÑO: 1991

DPTO: HUILA
MPIO: GARZON

LATITUD: 02° 12'N LONGITUD: 75° 34'W
ALTITUD: 1450 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2.0	0.0	5.0	0.0	0.0	4.0	7.0	5.0	1.0	20.0	0.0	0.0
3	6.0	1.0	40.0	4.0	0.0	5.0	0.0	10.0	0.0	3.0	1.0	0.0
4	0.0	0.0	0.0	11.0	12.0	0.0	0.0	1.0	0.0	2.0	0.0	1.0
5	4.0	0.0	10.0	0.0	3.0	1.0	0.0	0.0	0.0	0.0	29.0	4.0
6	0.0	0.0	6.0	0.0	0.0	0.0	5.0	2.0	0.0	0.0	1.0	19.0
7	0.0	0.0	2.0	6.0	0.0	0.0	15.0	1.0	3.0	1.0	32.0	15.0
8	7.0	6.0	0.0	1.0	0.0	0.0	13.0	6.0	0.0	2.0	2.0	9.0
9	0.0	3.0	19.0	0.0	0.0	7.0	10.0	3.0	0.0	4.0	7.0	0.0
10	0.0	1.0	0.0	0.0	3.0	12.0	4.0	6.0	7.0	3.0	13.0	0.0
11	0.0	0.0	2.0	9.0	2.0	0.0	1.0	0.0	2.0	0.0	6.0	3.0
12	0.0	1.0	1.0	10.0	3.0	0.0	19.0	0.0	0.0	4.0	0.0	0.0
13	1.0	2.0	3.0	0.0	2.0	0.0	2.0	0.0	0.0	5.0	0.0	0.0
14	0.0	3.0	0.0	31.0	0.0	0.0	0.0	2.0	0.0	0.0	15.0	13.0
15	0.0	1.0	14.0	29.0	2.0	5.0	8.0	0.0	4.0	0.0	10.0	25.0
16	0.0	0.0	6.0	25.0	3.0	2.0	9.0	0.0	0.0	0.0	4.0	47.0
17	0.0	0.0	0.0	3.0	0.0	0.0	2.0	1.0	3.0	0.0	26.0	0.0
18	0.0	1.0	0.0	1.0	22.0	0.0	0.0	0.0	0.0	5.0	0.0	19.0
19	0.0	0.0	0.0	18.0	5.0	0.0	9.0	0.0	2.0	4.0	2.0	0.0
20	8.0	0.0	0.0	0.0	13.0	0.0	1.0	0.0	7.0	0.0	1.0	0.0
21	19.0	0.0	0.0	4.0	10.0	0.0	2.0	0.0	21.0	0.0	0.0	0.0
22	0.0	0.0	0.0	5.0	0.0	5.0	0.0	1.0	0.0	0.0	5.0	0.0
23	0.0	0.0	0.0	1.0	1.0	14.0	0.0	0.0	4.0	0.0	0.0	45.0
24	0.0	0.0	0.0	20.0	0.0	10.0	14.0	4.0	12.0	0.0	0.0	10.0
25	0.0	0.0	7.0	0.0	5.0	23.0	0.0	0.0	3.0	0.0	0.0	0.0
26	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	2.0	0.0
27	0.0	0.0	40.0	4.0	0.0	5.0	0.0	1.0	0.0	20.0	0.0	0.0
28	0.0	2.0	1.0	3.0	0.0	3.0	3.0	0.0	0.0	3.0	1.0	3.0
29	0.0	0.0	0.0	0.0	0.0	19.0	8.0	0.0	2.0	0.0	0.0	60.0
30	0.0	1.0	0.0	0.0	0.0	10.0	10.0	0.0	20.0	2.0	0.0	3.0
31	0.0	0.0	0.0	1.0	3.0	10.0	6.0	4.0	5.0	1.0	1.0	0.0
	0.0	0.0	0.0	10.0	10.0	10.0	4.0	10.0	0.0	0.0	0.0	0.0

TOTAL	47.0	23.0	158.0	186.0	99.0	135.0	152.0	57.0	100.0	79.0	158.0	276.0	ANUAL
DIAS LLUVIA	7	11	16	19	16	16	21	15	16	15	18	15	1470.0
													185

PUESTO: CONCENTRACION DESARROLLO
AÑO: 1991

DPTO: HUILA
MPIO: TIMANA

LATITUD: 01° 58'N LONGITUD: 75° 56'W
ALTITUD: 1080 m.

DIA	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	15.0	10.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	4.0	0.0	10.0	0.0	3.0	0.0	0.0	0.0	0.0
3	29.0	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	6.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
5	0.0	12.0	57.5	8.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	8.0
6	0.0	0.0	0.0	10.0	0.0	0.0	3.0	0.0	0.0	2.0	20.0	2.0
7	0.0	18.0	36.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	121.0	0.0
8	0.0	0.0	0.0	0.0	0.0	6.0	10.0	8.0	8.0	0.0	0.0	0.0
9	0.0	0.0	3.0	14.0	8.0	0.0	0.0	12.0	10.0	7.0	0.0	0.0
10	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
11	8.0	0.0	0.0	0.0	0.0	6.0	12.0	0.0	0.0	10.0	9.0	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	2.0
13	0.0	0.0	3.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0
14	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	10.0	0.0
15	0.0	0.0	0.0	6.0	7.0	0.0	18.0	0.0	4.5	0.0	0.0	0.0
16	0.0	0.0	10.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
17	0.0	15.0	6.0	8.0	0.0	0.0	0.0	9.5	0.0	8.0	40.0	0.0
18	0.0	0.0	0.0	12.0	12.0	0.0	7.0	0.0	8.0	5.0	0.0	0.0
19	0.0	0.0	0.0	4.0	0.0	10.0	10.0	5.0	0.0	0.0	0.0	0.0
20	0.0	0.0	9.0	0.0	4.0	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	15.0	0.0	0.0	8.0	10.0	0.0	0.0
22	0.0	0.0	15.0	0.0	13.0	0.0	16.0	0.0	3.0	4.0	0.0	0.0
23	0.0	9.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	7.0
25	0.0	0.0	11.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0
26	0.0	3.5	0.0	0.0	8.0	8.0	0.0	12.0	0.0	0.0	0.0	12.0
27	0.0	0.0	12.0	8.0	0.0	2.0	4.0	0.0	15.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	7.0	16.0	10.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	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	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL	39.0	65.5	162.5	74.0	61.0	76.0	111.0	93.5	84.5	46.0	220.0	41.0	ANUAL
DIAS LLUVIA	3	6	10	9	8	9	10	12	11	7	7	6	1074.0
													98

PUESTO: MARINGA
AÑO: 1991

DPTO: META
MPIO: ACACIAS

LATITUD: 03° 58'N LONGITUD: 73° 36'W
ALTITUD: 380 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	2.0	0.0	0.0	1.5	0.0	12.0	12.0	0.0	0.0	9.0	0.0	4.5	
2	0.0	0.0	0.0	0.0	2.0	18.0	0.0	10.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	13.0	9.0	0.0	0.0	4.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	44.0	23.0	18.0	6.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	2.0	44.5	0.0	30.0	11.0	9.0	3.0	1.0	25.0	0.0	
6	0.0	0.0	0.0	20.0	34.0	4.0	33.0	3.0	5.0	0.0	0.0	0.0	
7	0.0	0.0	28.0	19.0	7.0	93.0	9.0	10.0	0.0	7.0	10.0	0.0	
8	0.0	0.0	0.0	38.0	58.0	0.0	0.0	0.0	0.0	42.0	65.0	0.0	
9	0.0	0.0	0.0	11.5	18.0	13.0	7.0	0.0	2.0	19.0	3.0	0.0	
10	0.0	0.0	36.0	0.0	0.0	0.0	53.0	9.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	21.0	3.0	11.0	0.0	10.0	0.0	0.0	0.0	
12	0.0	0.0	22.0	1.0	1.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	1.0	
14	0.0	0.0	0.0	0.0	64.0	0.0	15.0	0.0	11.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	28.0	3.0	9.0	0.0	0.0	29.0	0.0	0.0	
16	0.0	14.0	0.0	0.0	35.0	10.0	0.0	13.0	0.0	12.0	42.0	0.0	
17	0.0	0.0	0.0	0.0	12.0	8.0	0.0	4.0	0.0	0.0	2.0	0.0	
18	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	
19	0.0	0.0	0.0	38.0	5.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	32.0	0.0	0.0	
21	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	7.0	0.0	3.0	0.0	
22	0.0	0.0	0.0	35.0	45.0	53.5	26.0	0.0	33.0	0.0	32.5	0.0	
23	0.0	30.0	0.0	0.0	14.0	27.0	0.0	10.0	4.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	41.0	0.0	
26	0.0	0.0	0.0	11.0	0.0	0.0	3.0	15.0	0.0	45.0	0.0	0.0	
27	0.0	0.0	16.0	59.0	0.0	41.0	98.0	0.0	0.0	7.0	0.0	0.0	
28	0.0	0.0	10.0	10.0	27.5	43.0	3.0	4.0	0.0	3.0	16.0	0.0	
29	0.0	0.0	0.0	0.0	28.0	35.0	1.0	9.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	7.0	35.0	56.0	16.0	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	7.0	0.0	0.0	0.0	0.0	
TOTAL	2.0	44.0	114.0	298.5	522.5	485.5	334.0	142.0	114.0	238.0	243.0	5.5	2543.0
DIAS LLUVIA	1	2	6	14	20	18	17	15	10	14	11	2	130

PUESTO: SANTA HELENA
AÑO: 1991

DPTO: META
MPIO: SAN CARLOS DE GUAROA

LATITUD: 03° 50'N LONGITUD: 73° 20'W
ALTITUD: 280 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	3.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	20.0	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	50.0	30.0	50.0	0.0	0.0	10.0	0.0	
5	0.0	0.0	0.0	60.0	25.0	0.0	20.0	20.0	15.0	0.0	0.0	0.0	
6	0.0	0.0	1.0	20.0	0.0	10.0	45.0	0.0	15.0	25.0	50.0	0.0	
7	0.0	0.0	0.0	5.0	0.0	0.0	8.0	10.0	0.0	0.0	110.0	0.0	
8	0.0	1.0	0.0	50.0	110.0	55.0	13.0	0.0	0.0	80.0	65.0	0.0	
9	0.0	0.0	0.0	20.0	20.0	5.0	30.0	30.0	45.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	10.0	20.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	50.0	10.0	20.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	5.0	10.0	0.0	15.0	29.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	55.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	50.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	70.0	5.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
18	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	130.0	0.0	0.0	0.0	0.0	30.0	0.0	25.0	0.0	
21	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	12.0	11.0	0.0	
22	0.0	1.0	0.0	5.0	47.0	0.0	30.0	0.0	0.0	0.0	20.0	0.0	
23	0.0	5.0	0.0	0.0	0.0	30.0	0.0	0.0	55.0	0.0	15.0	0.0	
24	0.0	3.0	0.0	55.0	0.0	40.0	10.0	12.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	70.0	5.0	0.0	0.0	35.0	0.0	0.0	
27	0.0	0.0	25.0	0.0	0.0	30.0	3.0	25.0	0.0	2.0	0.0	0.0	
28	0.0	0.0	30.0	30.0	0.0	0.0	0.0	3.0	0.0	0.0	90.0	0.0	
29	0.0	0.0	0.0	82.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	70.0	64.0	8.0	70.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	10.0	0.0	0.0	
TOTAL	0.0	20.0	186.0	567.0	387.0	444.0	337.0	245.0	263.0	207.0	406.0	0.0	3062.0
DIAS LLUVIA	0	5	5	13	11	12	18	10	10	8	10	0	102

PUESTO: LA ESPERANZA
AÑO: 1991

DPTO: QUINDIO
MPIO: FILANDIA

LATITUD: 04° 38'N LONGITUD: 75° 42'W
ALTITUD : 1700 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	10.0	0.0	14.0	0.0	0.0	0.0	0.0	5.0	0.0	21.0	3.0	41.0	
2	0.0	34.0	0.0	0.0	2.0	1.0	0.0	20.0	0.0	0.0	21.0	10.0	
3	0.0	0.0	62.0	0.0	1.0	0.0	2.0	0.0	0.0	0.0	5.0	5.0	
4	5.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	11.0	
5	4.0	0.0	6.0	5.0	0.0	0.0	0.0	3.0	0.0	22.0	3.0	0.0	
6	0.0	0.0	30.0	12.0	2.0	0.0	0.0	0.0	0.0	1.0	5.0	2.0	
7	0.0	0.0	9.0	40.0	4.0	0.0	3.0	8.0	1.0	110.0	70.0	10.0	
8	0.0	0.0	2.0	24.0	0.0	0.0	1.0	15.0	0.0	1.0	7.0	9.0	
9	0.0	0.0	10.0	0.0	1.0	0.0	0.0	0.0	0.0	8.0	46.0	1.0	
10	12.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	9.0	
11	38.0	9.0	6.0	17.0	2.0	0.0	0.0	0.0	0.0	0.0	22.0	35.0	
12	32.0	12.0	20.0	5.0	4.0	0.0	0.0	0.0	0.0	1.0	12.0	0.0	
13	0.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0	2.0	29.0	10.0	
14	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	50.0	0.0	24.0	1.0	
15	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	38.0	
16	0.0	8.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
17	0.0	10.0	0.0	1.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	
18	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	21.0	0.0	
19	0.0	4.0	0.0	14.0	9.0	0.0	0.0	0.0	28.0	0.0	2.0	0.0	
20	5.0	0.0	0.0	0.0	15.0	5.0	0.0	0.0	1.0	0.0	3.0	10.0	
21	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	
22	0.0	0.0	5.0	0.0	3.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
23	0.0	0.0	40.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	98.0	0.0	
24	0.0	0.0	84.0	10.0	0.0	2.0	0.0	0.0	18.0	12.0	9.0	0.0	
25	0.0	0.0	46.0	5.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	
26	0.0	18.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	
27	0.0	0.0	5.0	3.0	0.0	3.0	10.0	0.0	70.0	0.0	1.0	28.0	
28	0.0	50.0	0.0	7.0	0.0	4.0	0.0	0.0	2.0	10.0	0.0	0.0	
29	4.0	0.0	0.0	2.0	0.0	1.0	24.0	0.0	14.0	0.0	0.0	0.0	
30	0.0	0.0	3.0	5.0	0.0	4.0	25.0	0.0	11.0	3.0	2.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	4.0	0.0	0.0	
TOTAL	114.0	152.0	344.0	165.0	82.0	21.0	70.0	51.0	248.0	218.0	407.0	229.0	
DIAS LLUVIA	7	3	14	8	13	7	7	2	8	8	14	11	102

PUESTO: VIVERO
AÑO: 1991

DPTO: QUINDIO
MPIO: QUIMBAYA

LATITUD: 04° 37'N LONGITUD: 75° 46'W
ALTITUD : 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	22.0	53.0	0.0	0.0	0.0	3.5	1.0	0.0	0.0	15.0	0.0	
2	0.0	52.0	0.0	0.0	0.0	47.0	1.5	44.0	0.0	14.5	0.0	11.0	
3	0.0	0.0	0.0	0.0	3.0	0.0	3.5	0.0	0.0	0.0	31.0	1.0	
4	0.0	0.0	52.0	0.0	16.0	43.0	2.5	0.0	0.0	3.0	0.0	36.0	
5	0.0	2.5	0.0	1.0	0.0	4.5	0.0	0.0	0.0	0.0	5.0	0.0	
6	17.0	0.0	32.0	0.0	2.0	0.0	7.0	0.0	2.0	0.0	0.0	0.0	
7	0.0	0.0	7.0	0.0	6.0	0.0	0.0	10.0	0.0	0.0	11.0	0.0	
8	0.0	0.0	4.0	28.0	1.0	0.0	1.5	35.0	0.0	5.0	4.5	10.0	
9	0.0	0.0	6.5	5.0	2.0	4.0	0.0	0.0	0.0	0.0	4.0	2.5	
10	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	11.0	3.5	0.0	
11	12.0	1.0	14.5	4.5	1.5	0.0	0.0	0.0	0.0	25.0	6.0	0.0	
12	29.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	47.0	15.0	
13	2.0	2.0	1.0	11.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	2.0	49.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	40.0	0.0	
15	0.0	0.0	0.0	0.0	27.0	2.0	0.0	0.0	48.0	0.0	35.0	9.0	
16	0.0	0.0	1.0	0.0	52.0	0.0	0.0	0.0	4.0	0.0	3.0	1.5	
17	0.0	6.0	0.0	0.0	4.0	0.0	1.5	0.0	0.0	0.0	9.0	0.0	
18	21.0	0.0	0.0	0.0	33.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	8.5	0.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	3.0	0.0	17.0	2.0	2.0	0.0	0.0	6.0	0.0	4.0	0.0	
21	0.0	0.0	0.0	0.0	5.0	3.0	0.0	0.0	0.0	0.0	2.0	6.5	
22	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	28.5	0.0	0.0	0.0	
23	0.0	0.0	6.0	0.0	12.0	0.0	1.5	0.0	1.0	0.0	0.0	0.0	
24	0.0	0.0	23.0	1.0	1.0	2.0	0.0	0.0	1.0	0.0	23.0	0.0	
25	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	6.0	1.5	0.0	0.0	
26	0.0	0.0	8.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	4.5	0.0	2.5	0.0	7.0	2.5	0.0	0.0	2.0	0.0	0.0	
28	0.0	0.0	5.0	2.0	0.0	0.0	0.0	0.0	20.0	3.5	2.5	29.0	
29	0.0	0.0	0.0	9.0	1.5	0.0	1.5	0.0	0.0	4.0	0.0	0.0	
30	2.5	0.0	12.0	44.0	0.0	4.0	20.0	0.0	14.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	92.0	95.0	300.0	125.0	201.5	168.5	56.5	90.0	133.5	74.5	245.5	121.5	1703.5
DIAS LLUVIA	7	9	16	11	20	14	12	4	11	10	17	10	141

PUESTO: LA ILUSION
AÑO: 1991

DPTO: QUINDIO
MPIO: CIRCASIA

LATITUD: 04° 35'N LONGITUD: 75° 42'W
ALTITUD : 1500 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1		0.0	30.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2		40.0	10.0		0.0	12.0	0.0	27.0	0.0	2.0	21.0	11.0	
3		0.0	0.0		15.0	0.0	22.0	0.0	0.0	5.0	19.0	5.0	
4		0.0	20.0		10.0	0.0	15.0	0.0	0.0	7.0	15.0	3.0	
5		0.0	0.0		0.0	18.0	12.0	5.0	0.0	0.0	21.0	0.0	
6		0.0	45.0		20.0	0.0	2.0	2.0	12.0	4.0	18.0	5.0	
7		0.0	40.0		0.0	0.0	7.0	0.0	0.0	5.0	23.0	0.0	
8		5.0	0.0		0.0	0.0	0.0	0.0	0.0	30.0	17.0	15.0	
9		0.0	15.0		1.0	10.0	0.0	2.0	0.0	2.0	15.0	10.0	
10		3.0	1.0		0.0	0.0	0.0	0.0	0.0	0.0	29.0	7.0	
11		0.0	0.0		0.0	0.0	0.0	0.0	0.0	4.0	11.0	17.0	
12		0.0	0.0		5.0	0.0	0.0	0.0	0.0	3.0	26.0	3.0	
13		20.0	1.0		0.0	0.0	0.0	0.0	0.0	7.0	13.0	0.0	
14		5.0	65.0		0.0	0.0	0.0	0.0	0.0	18.0	10.0	0.0	
15		0.0	5.0		15.0	12.0	0.0	0.0	36.0	0.0	30.0	4.0	
16		0.0	0.0		30.0	2.0	0.0	0.0	44.0	0.0	0.0	26.0	
17		0.0	1.0		5.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
18		0.0	0.0		25.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
19		0.0	0.0		20.0	2.0	0.0	0.0	4.0	0.0	7.0	0.0	
20		0.0	0.0		5.0	0.0	0.0	0.0	5.0	0.0	10.0	5.0	
21		0.0	0.0		1.0	2.0	2.0	0.0	10.0	0.0	0.0	4.0	
22		0.0	0.0		0.0	22.0	0.0	0.0	40.0	0.0	0.0	0.0	
23		0.0	5.0		10.0	0.0	3.0	0.0	7.0	0.0	14.0	0.0	
24		0.0	20.0		0.0	2.0	0.0	0.0	5.0	0.0	42.0	0.0	
25		0.0	0.0		3.0	0.0	2.0	0.0	3.0	2.0	17.0	0.0	
26		0.0	0.0		5.0	25.0	0.0	0.0	0.0	0.0	0.0	5.0	
27		0.0	0.0		0.0	7.0	0.0	0.0	4.0	0.0	0.0	0.0	
28		0.0	5.0		0.0	2.0	0.0	0.0	19.0	7.0	7.0	0.0	
29		0.0	0.0		0.0	0.0	0.0	0.0	0.0	3.0	5.0	0.0	
30			10.0		6.0	0.0	56.0	0.0	28.0	0.0	3.0	0.0	
31			0.0		0.0	0.0	8.0	0.0	0.0	5.0	0.0	0.0	
TOTAL		73.0	273.0		176.0	124.0	129.0	36.0	217.0	104.0	373.0	127.0	ANUAL
DIAS LLUVIA		5	15		16	13	10	4	13	15	22	15	

PUESTO: LA JULIA
AÑO: 1991

DPTO: QUINDIO
MPIO: MONTENEGRO

LATITUD: 04° 33'N LONGITUD: 75° 45'W
ALTITUD : 1320 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	7.0	4.0	100.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	11.0	
2	2.0	60.0	3.0	0.0	0.0	12.0	0.0	2.0	0.0	4.0	5.0	0.0	
3	0.0	6.0	0.0	0.0	7.0	0.0	37.0	0.0	0.0	0.0	28.0	9.0	
4	4.0	0.0	13.0	0.0	5.0	6.0	7.0	0.0	0.0	5.0	2.0	2.0	
5	0.0	19.0	0.0	1.0	0.0	4.0	10.0	1.0	0.0	7.0	0.0	2.0	
6	10.0	0.0	7.0	0.0	0.0	0.0	4.0	0.0	0.0	1.0	3.0	0.0	
7	1.0	0.0	39.0	0.0	5.0	0.0	0.0	6.0	0.0	0.0	27.0	3.0	
8	0.0	9.0	0.0	10.0	0.0	0.0	2.0	15.0	0.0	25.0	0.0	0.0	
9	0.0	0.0	7.0	4.0	18.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	
10	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	
11	5.0	2.0	1.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	
12	13.0	0.0	0.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0	52.0	0.0	
13	0.0	2.0	26.0	20.0	0.0	14.0	0.0	0.0	0.0	3.0	12.0	0.0	
14	1.0	10.0	5.0	28.0	0.0	0.0	0.0	0.0	3.0	0.0	17.0	1.0	
15	0.0	20.0	0.0	0.0	6.0	6.0	0.0	0.0	70.0	0.0	27.0	.5	
16	0.0	18.0	12.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	3.0	
17	0.0	0.0	1.0	0.0	9.0	1.0	7.0	0.0	0.0	0.0	14.0	1.0	
18	0.0	0.0	0.0	0.0	18.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	
19	7.0	0.0	0.0	2.0	15.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
20	1.0	14.0	0.0	23.0	24.0	2.0	0.0	0.0	14.0	0.0	12.0	0.0	
21	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
22	0.0	0.0	0.0	0.0	19.0	15.0	0.0	0.0	82.0	0.0	0.0	0.0	
23	0.0	0.0	20.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	
24	0.0	0.0	13.0	0.0	0.0	0.0	4.0	0.0	4.0	0.0	1.0	0.0	
25	0.0	0.0	28.0	9.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
26	0.0	0.0	10.0	21.0	5.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	2.0	0.0	10.0	0.0	4.0	0.0	0.0	2.0	11.0	2.0	0.0	
28	0.0	0.0	4.0	6.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	15.0	
29	0.0	0.0	0.0	0.0	0.0	1.0	3.0	0.0	3.0	3.0	0.0	0.0	
30	0.0	0.0	0.0	52.0	1.0	1.0	55.0	0.0	77.0	0.0	0.0	0.0	
31	0.0		14.0		2.0		6.0	0.0		0.0		0.0	
TOTAL	51.0	166.0	303.0	193.0	184.0	88.0	135.0	26.0	280.0	70.0	320.0	56.5	ANUAL
DIAS LLUVIA	10	12	17	14	18	13	10	6	10	10	17	12	149

PUESTO: TUCUMAN
AÑO: 1991

DPTO: QUINDIO
MPIO: ARMENIA

LATITUD: 04° 32'N LONGITUD: 75° 44'W
ALTITUD : 1250 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	5.0	38.0	2.0	0.0	0.0	3.0	5.0	0.0	7.0	0.0	8.0	
2	2.0	43.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	3.0	5.0	0.0	
3	1.0	0.0	0.0	0.0	0.0	30.0	43.0	0.0	0.0	4.0	7.0	0.0	
4	0.0	0.0	20.0	0.0	11.0	0.0	25.0	0.0	0.0	11.0	0.0	7.0	
5	0.0	6.0	0.0	3.0	5.0	25.0	4.0	0.0	0.0	0.0	3.0	0.0	
6	1.0	0.0	9.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	1.0	0.0	
7	10.0	0.0	10.0	2.0	0.0	0.0	10.0	9.0	0.0	0.0	2.0	0.0	
8	0.0	0.0	2.0	17.0	9.0	0.0	0.0	11.0	0.0	3.0	0.0	0.0	
9	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	3.0	
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	3.0	3.0	0.0	0.0	0.0	5.0	15.0	4.0	
12	5.0	0.0	5.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	
13	4.0	0.0	30.0	39.0	0.0	0.0	0.0	0.0	0.0	6.0	30.0	0.0	
14	10.0	15.0	15.0	10.0	5.0	5.0	0.0	0.0	0.0	0.0	18.0	8.0	
15	0.0	0.0	2.0	0.0	53.0	13.0	0.0	0.0	0.0	0.0	12.0	0.0	
16	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	41.0	0.0	30.0	0.0	
17	0.0	0.0	14.0	0.0	19.0	0.0	0.0	0.0	5.0	0.0	12.0	2.0	
18	0.0	2.0	0.0	19.0	5.0	5.0	0.0	0.0	15.0	0.0	5.0	0.0	
19	5.0	1.0	0.0	0.0	15.0	1.0	0.0	0.0	20.0	0.0	0.0	0.0	
20	6.0	2.0	0.0	25.0	30.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
21	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	5.0	0.0	15.0	3.0	
22	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	54.0	0.0	18.0	1.0	
23	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	9.0	0.0	19.0	0.0	
24	0.0	0.0	42.0	0.0	1.0	5.0	10.0	0.0	18.0	16.0	50.0	0.0	
25	0.0	0.0	20.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
26	0.0	0.0	5.0	0.0	3.0	10.0	0.0	0.0	0.0	4.0	0.0	0.0	
27	0.0	3.0	0.0	20.0	0.0	2.0	0.0	0.0	5.0	0.0	12.0	0.0	
28	0.0	40.0	0.0	0.0	0.0	6.0	0.0	0.0	8.0	0.0	5.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	11.0	0.0	1.0	2.0	
30	0.0	0.0	14.0	4.0	0.0	14.0	50.0	0.0	0.0	0.0	5.0	0.0	
31	0.0	0.0	5.0	0.0	4.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	44.0	117.0	231.0	164.0	239.0	138.0	164.0	25.0	191.0	64.0	289.0	38.0	ANUAL
DIAS LLUVIA	9	9	15	12	18	14	10	3	11	10	23	9	1704.0

PUESTO: SORRENTO
AÑO: 1991

DPTO: QUINDIO
MPIO: MONTENEGRO

LATITUD: 04° 32'N LONGITUD: 75° 50'W
ALTITUD : 1200 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	10.0	9.0	33.0	0.0	0.0	24.0	17.0	0.0	0.0	6.0	0.0	0.0	
3	2.0	0.0	0.0	2.0	0.0	0.0	9.0	0.0	0.0	0.0	15.0	0.0	
4	0.0	0.0	52.0	0.0	0.0	10.0	25.0	0.0	0.0	0.0	18.0	21.0	
5	0.0	0.0	40.0	0.0	0.0	0.0	5.0	0.0	0.0	2.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	4.0	0.0	6.0	0.0	0.0	3.0	0.0	0.0	
7	0.0	0.0	0.0	31.0	0.0	5.0	0.0	7.0	0.0	15.0	10.0	0.0	
8	0.0	0.0	0.0	28.0	0.0	0.0	0.0	4.0	0.0	19.0	0.0	0.0	
9	0.0	0.0	18.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	
11	27.0	0.0	0.0	15.0	19.0	3.0	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	12.0	
13	3.0	3.0	7.0	22.0	0.0	0.0	0.0	0.0	0.0	25.0	14.0	0.0	
14	0.0	18.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	
15	0.0	5.0	0.0	0.0	19.0	5.0	0.0	0.0	30.0	0.0	15.0	12.0	
16	5.0	3.0	0.0	0.0	4.0	0.0	3.0	0.0	0.0	0.0	2.0	15.0	
17	4.0	0.0	3.0	0.0	20.0	0.0	0.0	0.0	3.0	0.0	20.0	0.0	
18	10.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	3.0	5.0	
19	1.0	0.0	0.0	0.0	53.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	22.0	2.0	0.0	0.0	20.0	0.0	10.0	3.0	
21	0.0	0.0	0.0	15.0	9.0	42.0	0.0	0.0	8.0	0.0	20.0	0.0	
22	0.0	0.0	0.0	0.0	3.0	5.0	0.0	0.0	11.0	0.0	0.0	0.0	
23	0.0	0.0	20.0	0.0	26.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	3.0	0.0	0.0	11.0	0.0	9.0	0.0	53.0	0.0	
25	0.0	0.0	13.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	12.0	0.0	0.0	
27	0.0	6.0	13.0	0.0	0.0	4.0	0.0	0.0	22.0	16.0	0.0	0.0	
28	0.0	0.0	6.0	20.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	
29	0.0	0.0	0.0	2.0	0.0	0.0	12.0	0.0	0.0	10.0	0.0	0.0	
30	0.0	0.0	0.0	4.0	0.0	12.0	20.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	10.0	0.0	6.0	0.0	8.0	0.0	0.0	12.0	0.0	0.0	
TOTAL	62.0	88.0	229.0	142.0	193.0	137.0	120.0	13.0	110.0	150.0	223.0	73.0	ANUAL
DIAS LLUVIA	8	7	12	10	13	13	11	3	9	11	13	7	1540.0

PUESTO: EL PARAISO
AÑO: 1991

DPTO: QUINDIO
MPIO: CALARCA

LATITUD: 04° 29'N LONGITUD: 75° 42'W
ALTITUD: 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	29.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	11.0	0.0	
3	5.0	11.0	5.0	0.0	0.0	4.0	0.0	2.0	0.0	7.0	15.0	18.0	
4	10.0	0.0	10.0	0.0	11.0	0.0	0.0	0.0	0.0	10.0	5.0	0.0	
5	0.0	0.0	7.0	0.0	0.0	4.0	1.0	0.0	0.0	0.0	2.0	9.0	
6	0.0	5.0	6.0	0.0	3.0	11.0	35.0	0.0	0.0	30.0	25.0	2.0	
7	0.0	0.0	7.0	0.0	0.0	6.0	11.0	0.0	0.0	31.0	6.0	0.0	
8	0.0	0.0	3.0	15.0	3.0	0.0	2.0	17.0	0.0	5.0	42.0	0.0	
9	0.0	4.0	1.0	24.0	0.0	0.0	4.0	5.0	0.0	40.0	39.0	32.0	
10	0.0	0.0	2.0	2.0	0.0	0.0	0.0	5.0	0.0	7.0	17.0	29.0	
11	0.0	0.0	1.0	0.0	4.0	0.0	0.0	0.0	0.0	1.0	16.0	5.0	
12	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	3.0	8.0	
13	38.0	0.0	0.0	2.0	11.0	0.0	0.0	0.0	0.0	3.0	21.0	20.0	
14	15.0	0.0	4.0	8.0	1.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
15	8.0	0.0	6.0	30.0	0.0	2.0	0.0	0.0	10.0	18.0	35.0	28.0	
16	3.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0	48.0	0.0	2.0	0.0	
17	10.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	16.0	0.0	0.0	29.0	
18	0.0	0.0	15.0	0.0	40.0	0.0	0.0	0.0	12.0	4.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	3.0	40.0	0.0	0.0	10.0	0.0	0.0	18.0	
20	6.0	3.0	0.0	0.0	24.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	
21	27.0	14.0	0.0	22.0	20.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	18.0	0.0	0.0	21.0	
23	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	29.0	0.0	0.0	2.0	
24	0.0	0.0	50.0	2.0	14.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	
25	0.0	0.0	10.0	0.0	0.0	2.0	7.0	0.0	6.0	0.0	62.0	0.0	
26	0.0	0.0	52.0	0.0	0.0	8.0	0.0	0.0	0.0	1.0	0.0	0.0	
27	0.0	0.0	18.0	0.0	13.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	51.0	0.0	1.0	0.0	0.0	18.0	0.0	0.0	0.0	
29	0.0	25.0	40.0	5.0	0.0	0.0	0.0	0.0	9.0	3.0	0.0	28.0	
30	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	1.0	8.0	0.0	0.0	
31	0.0	0.0	5.0	28.0	0.0	13.0	28.0	0.0	28.0	0.0	7.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	9.0	0.0	0.0	
TOTAL	144.0	64.0	279.0	195.0	181.0	103.0	115.0	29.0	251.0	184.0	320.0	250.0	ANUAL
DIAS LLUVIA	10	7	20	13	15	12	8	4	15	17	17	14	2115.0 152

PUESTO: LA PRADERA
AÑO: 1991

DPTO: QUINDIO
MPIO: ARMENIA

LATITUD: 04° 28'N LONGITUD: 75° 43'W
ALTITUD: 1350 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	4.0	0.0	34.0	0.0	0.0	0.0	0.0	9.0	0.0	3.0	4.0	10.0	
2	3.0	0.0	0.0	0.0	0.0	23.0	0.0	8.0	0.0	5.0	0.0	35.0	
3	17.0	10.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	8.0	20.0	0.0	
4	0.0	0.0	10.0	0.0	0.0	60.0	29.0	0.0	0.0	0.0	0.0	6.0	
5	0.0	0.0	0.0	0.0	0.0	10.0	25.0	0.0	0.0	10.0	0.0	0.0	
6	0.0	0.0	0.0	9.0	0.0	0.0	10.0	0.0	0.0	25.0	35.0	0.0	
7	0.0	0.0	5.0	5.0	0.0	0.0	2.0	4.0	0.0	0.0	15.0	0.0	
8	0.0	13.0	0.0	45.0	0.0	0.0	4.0	0.0	0.0	0.0	25.0	48.0	
9	0.0	0.0	10.0	11.0	0.0	0.0	0.0	5.0	0.0	8.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	
11	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	12.0	0.0	1.0	10.0	18.0	0.0	0.0	0.0	0.0	0.0	13.0	40.0	
13	9.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
14	0.0	0.0	7.0	0.0	0.0	3.0	0.0	0.0	2.0	5.0	10.0	0.0	
15	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
16	0.0	6.0	3.0	0.0	21.0	0.0	0.0	0.0	6.0	0.0	0.0	25.0	
17	0.0	5.0	9.0	0.0	35.0	20.0	0.0	0.0	9.0	0.0	0.0	0.0	
18	0.0	10.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
19	0.0	45.0	0.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
20	9.0	3.0	0.0	20.0	25.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
23	0.0	0.0	46.0	2.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	20.0	0.0	0.0	2.0	44.0	0.0	5.0	0.0	65.0	0.0	
25	0.0	0.0	47.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	
26	0.0	0.0	8.0	0.0	4.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	5.0	35.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
29	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	
30	0.0	0.0	0.0	37.0	2.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	5.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	57.0	92.0	246.0	187.0	239.0	143.0	144.0	26.0	119.0	144.0	201.0	192.0	ANUAL
DIAS LLUVIA	7	7	16	10	12	8	8	4	9	8	10	9	1790.0 108

PUESTO: EL JARDIN
AÑO: 1991

DPTO: QUINDIO
MPIO: CALARCA

LATITUD: 04° 28'N LONGITUD: 75° 42'W
ALTITUD : 1300 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	31.0		0.0	0.0	0.0	0.0		1.0	5.0	0.0	
2	4.0	8.0	26.0		0.0	5.0	0.0	7.0		7.0	0.0	29.0	
3	5.0	0.0	9.0		8.0	0.0	0.0	0.0		1.0	10.0	11.0	
4	0.0	2.0	0.0		0.0	0.0	0.0	0.0		0.0	1.0	0.0	
5	0.0	3.0	5.0		0.0	0.0	30.0	0.0		39.0	0.0	1.0	
6	0.0	0.0	8.0		0.0	0.0	9.0	0.0		26.0	13.0	0.0	
7	1.0	0.0	1.0		0.0	0.0	2.0	6.0		0.0	40.0	0.0	
8	0.0	0.0	3.0		0.0	0.0	4.0	2.0		41.0	25.0	12.0	
9	0.0	0.0	5.0		0.0	0.0	0.0	7.0		6.0	22.0	55.0	
10	0.0	0.0	3.0		5.0	0.0	0.0	0.0		0.0	17.0	0.0	
11	18.0	0.0	0.0		0.0	0.0	0.0	0.0		5.0	5.0	0.0	
12	22.0	0.0	0.0		11.0	0.0	0.0	0.0		4.0	53.0	25.0	
13	10.0	2.0	6.0		0.0	0.0	0.0	0.0		0.0	20.0	0.0	
14	18.0	0.0	4.0		0.0	0.0	0.0	0.0	15.0	12.0	37.0	32.0	
15	3.0	2.0	0.0		0.0	0.0	0.0	0.0	40.0	0.0	7.0	0.0	
16	16.0	0.0	16.0		23.0	3.5	0.0	13.0	13.0	0.0	0.0	0.0	
17	3.0	0.0	0.0		42.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
18	0.0	0.0	0.0		1.0	39.0	0.0	26.0	26.0	0.0	1.0	27.0	
19	16.0	1.0	0.0		33.0	0.0	0.0	7.0	7.0	0.0	0.0	0.0	
20	23.0	11.0	0.0		2.0	4.0	0.0	26.0	26.0	0.0	0.0	0.0	
21	0.0	0.0	0.0		1.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	
22	0.0	0.0	0.0		0.0	0.0	0.0	19.0	19.0	0.0	0.0	0.0	
23	0.0	0.0	32.0		11.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	11.0		0.0	0.0	4.0	8.0	8.0	0.0	61.0	0.0	
25	0.0	0.0	89.0		0.0	0.0	0.0	3.0	3.0	12.0	0.0	0.0	
26	0.0	0.0	18.0		6.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0		0.0	1.0	0.0	1.0	1.0	0.0	0.0	0.0	
28	0.0	32.0	0.0		0.0	0.0	0.0	15.0	15.0	0.0	0.0	28.0	
29	0.0		0.0		0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	
30	0.0		2.0		0.0	0.0	27.0	21.0	21.0	0.0	6.0	0.0	
31	0.0		0.0		0.0		25.0			10.0		0.0	
TOTAL	139.0	61.0	269.0		143.0	58.5	101.0			172.0	323.0	220.0	
DIAS LLUVIA	12	8	17		11	7	7			14	16	9	

PUESTO: QUEBRADANEGRA
AÑO: 1991

DPTO: QUINDIO
MPIO: CALARCA

LATITUD: 04° 27'N LONGITUD: 75° 40'W
ALTITUD : 1500 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	10.0	0.0	0.0	0.0		0.0			0.0	0.0	3.0	0.0	
2	0.0	0.0	5.0	0.0		0.0			0.0	4.0	4.0	16.0	
3	18.0	0.0	0.0	0.0		0.0			0.0	2.0	5.0	0.0	
4	0.0	5.0	43.0	0.0		0.0			0.0	0.0	3.0	20.0	
5	0.0	0.0	0.0	0.0		0.0			0.0	22.0	0.0	2.0	
6	5.0	0.0	0.0	0.0		0.0			0.0	11.0	22.0	0.0	
7	0.0	0.0	0.0	5.0		0.0			0.0	2.0	57.0	1.0	
8	0.0	0.0	0.0	20.0		0.0			0.0	43.0	26.0	6.0	
9	0.0	0.0	0.0	60.0		0.0			0.0	15.0	8.0	78.0	
10	35.0	0.0	0.0			0.0			0.0	0.0	10.0	0.0	
11	5.0	0.0	25.0			0.0			0.0	0.0	9.0	0.0	
12	0.0	8.0	0.0			0.0			0.0	3.0	79.0	28.0	
13	25.0	0.0	25.0			0.0			0.0	0.0	47.0	12.0	
14	0.0	4.0	0.0			0.0			27.0	4.0	21.0	38.0	
15	0.0	0.0	0.0			0.0			3.0	0.0	2.0	28.0	
16	0.0	23.0	20.0			0.0			0.0	0.0	0.0	38.0	
17	0.0	2.0	30.0			37.0			0.0	2.0	4.0	0.0	
18	25.0	26.0	0.0			0.0			0.0	0.0	0.0	2.0	
19	15.0	10.0	0.0			0.0			6.0	0.0	0.0	0.0	
20	0.0	0.0	0.0			0.0			39.0	0.0	6.0	0.0	
21	0.0	0.0	0.0			5.0			2.0	0.0	0.0	16.0	
22	0.0	0.0	11.0			0.0			10.0	0.0	0.0	5.0	
23	0.0	0.0	50.0			0.0			7.0	0.0	82.0	1.0	
24	0.0	0.0	54.0			2.0			4.0	0.0	0.0	0.0	
25	0.0	0.0	0.0			0.0			7.0	1.0	0.0	0.0	
26	0.0	0.0	0.0			16.0			0.0	6.0	0.0	0.0	
27	0.0	30.0	30.0			6.0			2.0	2.0	0.0	0.0	
28	0.0	10.0	0.0			0.0			10.0	2.0	2.0	22.0	
29	0.0		0.0			0.0			1.0	6.0	0.0	0.0	
30	0.0		10.0			0.0			2.0	0.0	3.0	0.0	
31	0.0		0.0							8.0		0.0	
TOTAL	138.0	118.0	303.0			66.0			120.0	133.0	393.0	313.0	
DIAS LLUVIA	8	9	11			5			13	16	19	16	

PUESTO: LA ARGENTINA
AÑO: 1991

DPTO: QUINDIO
MPIO: LA TEBAIDA

LATITUD: 04° 26'N LONGITUD: 75° 46'W
ALTITUD : 1200 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	1.0	6.0	50.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	5.0	
2	0.0	13.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	13.0	1.0	35.0	
3	4.0	0.0	0.0	0.0	12.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	16.0	0.0	9.0	0.0	2.0	2.0	0.0	0.0	0.0	30.0	0.0	
5	0.0	0.0	0.0	0.0	3.0	22.0	6.0	0.0	0.0	15.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	27.0	0.0	
7	26.0	0.0	0.0	0.0	1.0	0.0	17.0	11.0	0.0	22.0	10.0	0.0	
8	0.0	0.0	7.0	67.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
9	0.0	0.0	0.0	9.0	0.0	2.0	0.0	0.0	0.0	0.0	30.0	0.0	
10	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	
11	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	15.0	
12	0.0	0.0	11.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	12.0	20.0	
13	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	16.0	0.0	
14	0.0	3.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	16.0	10.0	0.0	
15	0.0	0.0	0.0	0.0	13.0	4.0	0.0	0.0	13.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	9.0	2.0	0.0	0.0	16.0	0.0	0.0	0.0	
17	0.0	2.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	1.0	0.0	0.0	10.0	0.0	0.0	2.0	0.0	0.0	0.0	5.0	
19	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	47.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	17.0	0.0	0.0	5.0	
21	0.0	0.0	0.0	0.0	33.0	12.0	0.0	0.0	0.0	0.0	36.0	0.0	
22	0.0	0.0	0.0	35.0	10.0	14.0	0.0	0.0	26.0	0.0	0.0	0.0	
23	0.0	0.0	14.0	1.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	25.0	0.0	0.0	3.0	0.0	0.0	8.0	0.0	46.0	0.0	
25	0.0	0.0	25.0	0.0	0.0	19.0	0.0	0.0	19.0	0.0	0.0	0.0	
26	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	
27	0.0	0.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0	
28	0.0	11.0	12.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0		17.0	0.0	1.0	3.0	0.0	0.0	25.0	4.0	0.0	0.0	
30	0.0		0.0	16.0	0.0	0.0	42.0	0.0	2.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0	
TOTAL	49.0	52.0	168.0	172.0	179.0	107.0	68.0	11.0	175.0	114.0	239.0	106.0	ANUAL
DIAS LLUVIA	4	7	10	9	15	13	5	1	10	8	13	7	1440.0 102

PUESTO: LA MIRANDA
AÑO: 1991

DPTO: QUINDIO
MPIO: LA TEBAIDA

LATITUD: 04° 26'N LONGITUD: 75° 50'W
ALTITUD : 1220 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	12.0	10.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	55.0	0.0	
2	4.0	0.0	0.0	0.0	0.0	8.0	0.0	15.0	0.0	0.0	6.0	12.0	
3	25.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	2.0	3.0	5.0	
4	0.0	0.0	24.0	0.0	0.0	12.0	0.0	0.0	0.0	3.0	4.0	0.0	
5	0.0	0.0	0.0	4.0	0.0	7.0	94.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	12.0	5.0	0.0	10.0	0.0	0.0	1.0	15.0	0.0	
7	0.0	0.0	2.0	1.0	0.0	0.0	0.0	5.0	0.0	0.0	10.0	0.0	
8	0.0	24.0	1.0	74.0	0.0	0.0	2.0	2.0	0.0	1.0	5.0	0.0	
9	0.0	0.0	2.0	1.0	0.0	2.0	1.0	1.0	0.0	3.0	38.0	5.0	
10	0.0	0.0	1.0	4.0	1.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
11	0.0	0.0	10.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	4.0	5.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	5.0	25.0	
13	0.0	8.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	8.0	8.0	
14	0.0	0.0	8.0	0.0	0.0	1.0	0.0	0.0	0.0	55.0	5.0	0.0	
15	0.0	7.0	2.0	0.0	20.0	1.0	0.0	0.0	61.0	0.0	3.0	1.0	
16	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	20.0	0.0	1.0	25.0	
17	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	12.0	5.0	0.0	10.0	
18	5.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	6.0	0.0	1.0	
19	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	13.0	0.0	38.0	0.0	
21	0.0	0.0	1.0	0.0	6.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	5.0	0.0	0.0	6.0	
24	0.0	0.0	1.0	0.0	0.0	0.0	2.0	0.0	40.0	0.0	30.0	0.0	
25	0.0	0.0	5.0	0.0	10.0	2.0	0.0	0.0	0.0	14.0	14.0	0.0	
26	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	
27	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	14.0	4.0	0.0	0.0	
28	0.0	2.0	12.0	1.0	0.0	0.0	0.0	0.0	0.0	82.0	0.0	45.0	
29	0.0		1.0	2.0	2.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
30	0.0		0.0	2.0	5.0	0.0	64.0	0.0	60.0	0.0	0.0	0.0	
31	0.0		0.0		15.0		35.0	0.0		0.0		0.0	
TOTAL	38.0	58.0	134.0	108.0	148.0	40.0	209.0	23.0	270.0	187.0	240.0	143.0	ANUAL
DIAS LLUVIA	4	6	17	12	17	9	8	4	11	14	16	11	1598.0 129

PUESTO: MONACO
AÑO: 1991

DPTO: QUINDIO
MPIO: CORDOBA

LATITUD: 04° 25'N LONGITUD: 75° 42'W
ALTITUD : 1300 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	6.0	1.0	0.0	0.0	5.0	50.0	0.0	25.0	0.0	8.0	0.0	4.0	
2	10.0	0.0	10.0	0.0	4.0	0.0	0.0	10.0	0.0	12.0	0.0	3.0	
3	30.0	15.0	0.0	0.0	8.0	42.0	0.0	0.0	0.0	6.0	28.0	0.0	
4	4.0	2.0	25.0	1.0	0.0	5.0	3.0	0.0	0.0	5.0	7.0	6.0	
5	10.0	0.0	4.0	0.0	6.0	15.0	0.0	0.0	0.0	9.0	50.0	1.0	
6	4.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	20.0	0.0	
7	6.0	0.0	6.0	22.0	7.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	
8	3.0	0.0	8.0	30.0	0.0	0.0	10.0	0.0	0.0	20.0	20.0	12.0	
9	5.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	80.0	
10	2.0	0.0	5.0	19.0	3.0	0.0	0.0	0.0	0.0	2.0	25.0	0.0	
11	8.0	0.0	1.0	6.0	11.0	0.0	0.0	0.0	0.0	4.0	2.0		
12	0.0	0.0	8.0	4.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0		
13	0.0	0.0	3.0	6.0	20.0	0.0	0.0	0.0	0.0	0.0	23.0		
14	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0		
15	8.0	1.0	0.0	0.0	2.0	12.0	1.0	0.0	30.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	5.0	0.0	0.0		
17	0.0	10.0	0.0	0.0	22.0	0.0	0.0	0.0	4.0	0.0	0.0		
18	0.0	1.0	0.0	12.0	26.0	20.0	0.0	0.0	15.0	0.0	0.0		
19	0.0	9.0	0.0	0.0	34.0	0.0	0.0	0.0	20.0	0.0	11.0		
20	0.0	0.0	0.0	0.0	120.0	0.0	0.0	0.0	6.0	0.0	12.0		
21	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0		
22	0.0	0.0	20.0	0.0	5.0	2.0	0.0	0.0	2.0	0.0	0.0		
23	0.0	0.0	8.0	0.0	15.0	0.0	0.0	0.0	5.0	0.0	0.0		
24	0.0	0.0	3.0	3.0	0.0	5.0	0.0	0.0	0.0	6.0	7.0		
25	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0		
26	0.0	0.0	40.0	3.0	0.0	40.0	0.0	0.0	4.0	0.0	0.0		
27	0.0	1.0	7.0	2.0	2.0	6.0	0.0	0.0	2.0	10.0	0.0		
28	0.0	20.0	0.0	6.0	4.0	0.0	0.0	0.0	0.0	0.0	5.0		
29	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	5.0	8.0	0.0		
30	0.0	0.0	2.0	92.0	0.0	0.0	25.0	0.0	10.0	12.0	1.0		
31	0.0	0.0	0.0	0.0	30.0	0.0	0.0	5.0	0.0	0.0	0.0		
TOTAL	96.0	60.0	224.0	220.0	367.0	197.0	39.0	40.0	108.0	117.0	252.0		ANUAL
DIAS LLUVIA	12	9	19	14	21	10	4	3	12	14	18		

PUESTO: LA ESPERANZA
AÑO: 1991

DPTO: QUINDIO
MPIO: BUENAVISTA

LATITUD: 04° 21'N LONGITUD: 75° 45'W
ALTITUD : 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
2	4.0	55.0	0.0	0.0	0.0	14.0	7.0	0.0	0.0	0.0	0.0	19.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	12.0	0.0	
4	0.0	0.0	30.0	12.0	6.0	0.0	6.0	0.0	0.0	4.0	6.0	6.0	
5	3.0	0.0	6.0	0.0	0.0	0.0	23.0	0.0	0.0	8.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	35.0	25.0	0.0	
7	0.0	0.0	0.0	8.0	8.0	0.0	0.0	7.0	0.0	21.0	54.0	0.0	
8	0.0	0.0	16.0	29.0	0.0	0.0	0.0	0.0	0.0	6.0	10.0	21.0	
9	0.0	0.0	25.0	28.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	63.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	
11	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	63.0	
13	0.0	0.0	13.0	0.0	7.0	0.0	7.0	0.0	0.0	0.0	30.0	0.0	
14	13.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	12.0	
15	21.0	0.0	10.0	0.0	11.0	45.0	0.0	0.0	6.0	0.0	9.0	11.0	
16	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
17	0.0	0.0	8.0	0.0	6.0	0.0	0.0	0.0	10.0	0.0	0.0	12.0	
18	7.0	0.0	0.0	0.0	19.0	10.0	0.0	0.0	0.0	0.0	0.0	26.0	
19	11.0	8.0	6.0	0.0	27.0	0.0	0.0	0.0	17.0	0.0	11.0	0.0	
20	9.0	0.0	0.0	6.0	18.0	10.0	0.0	0.0	27.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	
22	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	39.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
24	0.0	0.0	25.0	0.0	0.0	21.0	0.0	0.0	0.0	0.0	20.0	0.0	
25	0.0	0.0	57.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	42.0	0.0	0.0	9.0	0.0	0.0	6.0	6.0	0.0	0.0	
27	0.0	0.0	0.0	18.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	9.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	56.0	0.0	0.0	43.0	0.0	5.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	7.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	68.0	72.0	278.0	165.0	198.0	123.0	136.0	12.0	79.0	88.0	252.0	291.0	ANUAL
DIAS LLUVIA	9	10	16	17	15	8	7	5	14	15	22	16	154

PUESTO: EL PORVENIR
AÑO: 1991

DPTO: QUINDIÓ
MPIO: PIJAO

LATITUD: 04° 19'N LONGITUD: 75° 47'W
ALTITUD : 1540 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	35.0	0.0	0.0	7.0	1.0	1.0	0.0	1.0	2.0	0.0	
2	1.0	6.0	24.0	0.0	0.0	10.0	0.0	5.0	0.0	2.0	1.0	15.0	
3	2.0	4.0	0.0	0.0	5.0	0.0	1.0	0.0	0.0	0.0	9.0	0.0	
4	0.0	0.0	6.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0	1.0	28.0	
5	0.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	40.0	0.0	4.0	
6	7.0	0.0	0.0	1.0	0.0	0.0	6.0	0.0	0.0	39.0	7.0	0.0	
7	1.0	0.0	6.0	0.0	0.0	0.0	1.0	18.0	0.0	20.0	14.0	0.0	
8	0.0	0.0	1.0	4.0	0.0	0.0	0.0	6.0	0.0	1.0	10.0	30.0	
9	0.0	0.0	0.0	15.0	0.0	0.0	0.0	1.0	0.0	0.0	7.0	3.0	
10	0.0	0.0	2.0	5.0	2.0	0.0	0.0	0.0	0.0	1.0	15.0	0.0	
11	1.0	0.0	42.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	3.0	0.0	
12	3.0	0.0	6.0	0.0	2.0	0.0	0.0	0.0	0.0	1.0	5.0	33.0	
13	0.0	0.0	13.0	4.0	3.0	0.0	0.0	0.0	0.0	6.0	35.0	0.0	
14	0.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0	10.0	5.0	37.0	30.0	
15	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	39.0	0.0	
16	0.0	0.0	0.0	0.0	15.0	10.0	0.0	0.0	1.0	0.0	0.0	85.0	
17	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
18	0.0	12.0	0.0	0.0	6.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
19	15.0	19.0	0.0	0.0	20.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
20	1.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	34.0	0.0	1.0	0.0	
21	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	2.0	19.0	
22	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0	1.0	
23	0.0	0.0	16.0	0.0	30.0	10.0	0.0	0.0	1.0	0.0	0.0	0.0	
24	0.0	0.0	8.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	28.0	0.0	
25	0.0	0.0	40.0	2.0	0.0	0.0	0.0	0.0	18.0	6.0	4.0	0.0	
26	0.0	0.0	5.0	1.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	8.0	0.0	0.0	4.0	0.0	0.0	0.0	1.0	0.0	1.0	
28	0.0	24.0	12.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	54.0	
29	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	1.0	
30	0.0	0.0	0.0	14.0	0.0	1.0	34.0	0.0	19.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	2.0	0.0	31.0	0.0	0.0	2.0	0.0	0.0	
TOTAL	37.0	65.0	243.0	68.0	135.0	62.0	79.0	31.0	165.0	127.0	220.0	305.0	1537.0
DIAS LLUVIA	9	5	17	12	12	9	8	5	12	14	18	14	135

PUESTO: VILLA HORIZABA
AÑO: 1991

DPTO: QUINDIÓ
MPIO: GENOVA

LATITUD: 04° 15'N LONGITUD: 75° 48'W
ALTITUD : 1470 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	45.0	0.0	35.0	45.0	0.0	0.0	0.0	6.0	0.0	15.0	0.0	15.0	
2	0.0	0.0	9.0	0.0	0.0	0.0	0.0	95.0	0.0	1.0	0.0	3.0	
3	1.0	0.0	0.0	1.0	25.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
4	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.0	1.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	35.0	25.0	0.0	
7	15.0	0.0	7.0	0.0	0.0	0.0	0.0	2.0	0.0	3.0	4.0	2.0	
8	0.0	0.0	15.0	4.0	0.0	0.0	0.0	1.0	0.0	1.0	2.0	0.0	
9	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	13.0	
10	0.0	0.0	1.0	2.0	9.0	0.0	0.0	0.0	0.0	0.0	9.0	2.0	
11	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	
12	0.0	0.0	25.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.0	
13	0.0	0.0	15.0	65.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	
14	0.0	0.0	0.0	55.0	0.0	0.0	0.0	0.0	25.0	65.0	18.0	24.0	
15	35.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	3.0	0.0	0.0	0.0	
16	0.0	1.0	0.0	0.0	3.0	0.0	0.0	0.0	25.0	0.0	0.0	17.0	
17	0.0	0.0	1.0	0.0	13.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
18	1.0	1.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	1.0	0.0	1.0	8.0	0.0	0.0	0.0	85.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	125.0	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	0.0	0.0	2.0	
22	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	9.0	0.0	0.0	0.0	
23	0.0	0.0	16.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	185.0	0.0	
24	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	65.0	95.0	0.0	0.0	0.0	0.0	25.0	1.0	0.0	0.0	
26	0.0	0.0	2.0	5.0	0.0	4.0	0.0	0.0	0.0	15.0	0.0	0.0	
27	0.0	0.0	1.0	6.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	10.0	25.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	12.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	55.0	0.0	0.0	
30	0.0	0.0	0.0	1.0	0.0	0.0	25.0	0.0	10.0	0.0	1.0	0.0	
31	0.0	0.0	0.0	0.0	45.0	0.0	75.0	0.0	0.0	2.0	0.0	0.0	
TOTAL	97.0	13.0	225.0	288.0	118.0	7.0	118.0	104.0	309.0	231.0	271.0	98.0	1879.0
DIAS LLUVIA	5	4	16	13	9	4	5	4	9	12	14	12	107

PUESTO: LA ORIENTAL
AÑO: 1991

DPTO: RISARALDA
MPIO: QUINCHIA

LATITUD: 05° 22'N LONGITUD: 75° 43'W
ALTITUD : 1620 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	4.0	0.0	32.0	5.0	0.0	3.0	0.0	9.0	0.0	0.0	17.0	5.0	
2	7.0	10.0	0.0	0.0	4.0	0.0	0.0	4.0	0.0	4.0	5.0	0.0	
3	1.0	3.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	7.0	
4	3.0	0.0	31.0	0.0	12.0	2.0	2.0	0.0	0.0	0.0	12.0	4.0	
5	13.0	0.0	0.0	2.0	2.0	0.0	40.0	0.0	0.0	4.0	7.0	0.0	
6	7.0	0.0	0.0	3.0	0.0	1.0	5.0	0.0	16.0	0.0	0.0	0.0	
7	0.0	0.0	51.0	0.0	0.0	0.0	3.0	26.0	0.0	8.0	6.0	0.0	
8	6.0	0.0	10.0	58.0	0.0	0.0	3.0	27.0	0.0	6.0	7.0	17.0	
9	0.0	0.0	0.0	14.0	0.0	0.0	0.0	50.0	0.0	12.0	16.0	0.0	
10	0.0	0.0	0.0	0.0	76.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
11	6.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	1.0	18.0	4.0	0.0	0.0	0.0	0.0	0.0	10.0	8.0	
13	0.0	0.0	4.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
14	0.0	0.0	0.0	15.0	1.0	0.0	0.0	0.0	21.0	4.0	14.0	23.0	
15	4.0	10.0	46.0	0.0	7.0	13.0	0.0	0.0	10.0	0.0	22.0	2.0	
16	0.0	0.0	3.0	4.0	10.0	21.0	0.0	0.0	9.0	5.0	1.0	3.0	
17	0.0	12.0	0.0	0.0	41.0	0.0	0.0	0.0	2.0	6.0	8.0	0.0	
18	3.0	4.0	0.0	10.0	12.0	0.0	0.0	0.0	52.0	9.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	
20	2.0	0.0	0.0	0.0	10.0	2.0	0.0	6.0	7.0	0.0	22.0	0.0	
21	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	2.0	0.0	0.0	5.0	
22	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	25.0	0.0	1.0	7.0	
23	0.0	0.0	0.0	1.0	32.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	
24	0.0	0.0	29.0	0.0	3.0	8.0	38.0	0.0	10.0	0.0	4.0	0.0	
25	0.0	0.0	10.0	0.0	0.0	21.0	0.0	0.0	23.0	2.0	0.0	0.0	
26	0.0	0.0	30.0	2.0	0.0	13.0	0.0	0.0	5.0	2.0	0.0	0.0	
27	0.0	7.0	6.0	34.0	0.0	0.0	0.0	0.0	13.0	23.0	0.0	0.0	
28	0.0	0.0	15.0	5.0	5.0	0.0	0.0	0.0	13.0	1.0	24.0	18.0	
29	0.0	0.0	0.0	0.0	7.0	8.0	0.0	0.0	0.0	3.0	0.0	0.0	
30	0.0	0.0	6.0	14.0	2.0	1.0	28.0	0.0	12.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	4.0	0.0	35.0	0.0	0.0	5.0	0.0	0.0	
TOTAL	56.0	46.0	287.0	185.0	273.0	94.0	154.0	122.0	276.0	96.0	201.0	99.0	ANUAL 1889.0
DIAS LLUVIA	11	6	16	14	21	12	8	6	17	16	18	11	156

PUESTO: BUENOS AIRES
AÑO: 1991

DPTO: RISARALDA
MPIO: GUATICA

LATITUD: 05° 20'N LONGITUD: 75° 48'W
ALTITUD : 1830 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	1.0	2.0	1.0	0.0	0.0	3.0	0.0	5.0	0.0	4.0	5.0	20.0	
2	4.0	28.0	0.0	0.0	4.0	2.0	2.0	28.0	0.0	16.0	3.0	6.0	
3	6.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	12.0	5.0	
4	2.0	0.0	16.0	0.0	14.0	6.0	3.0	0.0	0.0	0.0	4.0	2.0	
5	0.0	0.0	4.0	5.0	0.0	4.0	8.0	0.0	0.0	5.0	7.0	0.0	
6	0.0	0.0	3.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	11.0	0.0	
7	0.0	0.0	7.0	18.0	0.0	0.0	0.0	28.0	0.0	2.0	13.0	4.0	
8	0.0	0.0	0.0	2.0	0.0	0.0	2.0	14.0	0.0	3.0	15.0	12.0	
9	0.0	0.0	2.0	12.0	0.0	0.0	0.0	4.0	0.0	0.0	9.0	0.0	
10	2.0	0.0	4.0	0.0	14.0	0.0	0.0	0.0	0.0	14.0	0.0	5.0	
11	1.0	0.0	5.0	1.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	
12	5.0	0.0	1.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	3.0	0.0	8.0	0.0	5.0	8.0	0.0	0.0	0.0	0.0	24.0	7.0	
14	0.0	0.0	3.0	9.0	6.0	0.0	0.0	0.0	6.0	0.0	8.0	10.0	
15	0.0	31.0	14.0	0.0	8.0	12.0	0.0	0.0	28.0	0.0	4.0	4.0	
16	0.0	0.0	12.0	0.0	16.0	26.0	0.0	0.0	23.0	9.0	0.0	0.0	
17	16.0	6.0	0.0	0.0	10.0	0.0	0.0	0.0	4.0	12.0	5.0	0.0	
18	4.0	5.0	0.0	0.0	18.0	3.0	0.0	0.0	2.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	28.0	0.0	0.0	6.0	14.0	0.0	0.0	0.0	
20	0.0	3.0	0.0	26.0	7.0	0.0	0.0	0.0	24.0	0.0	6.0	0.0	
21	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0	5.0	0.0	2.0	16.0	
22	0.0	2.0	0.0	14.0	4.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
23	0.0	0.0	4.0	0.0	17.0	9.0	14.0	0.0	34.0	0.0	7.0	0.0	
24	0.0	0.0	7.0	0.0	3.0	7.0	0.0	0.0	0.0	0.0	5.0	0.0	
25	0.0	4.0	13.0	0.0	0.0	14.0	0.0	0.0	16.0	5.0	0.0	0.0	
26	0.0	3.0	42.0	0.0	0.0	10.0	0.0	0.0	4.0	12.0	0.0	0.0	
27	0.0	0.0	9.0	4.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0	14.0	
28	0.0	2.0	0.0	0.0	25.0	1.0	5.0	0.0	18.0	9.0	14.0	8.0	
29	0.0	0.0	0.0	6.0	43.0	0.0	12.0	0.0	5.0	4.0	3.0	0.0	
30	0.0	0.0	4.0	0.0	5.0	4.0	6.0	0.0	1.0	0.0	0.0	0.0	
31	0.0	0.0	24.0	0.0	42.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	44.0	86.0	183.0	134.0	280.0	109.0	86.0	85.0	199.0	94.0	159.0	116.0	ANUAL 1575.0
DIAS LLUVIA	10	10	20	13	20	14	11	6	16	12	20	14	166

PUESTO: OSPIRMA
AÑO: 1991

DPTO: RISARALDA
MPIO: GUATICA

LATITUD: 05° 20'N LONGITUD: 75° 49'W
ALTITUD : 1680 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	9.0	20.0	5.0	0.0	2.0	2.0	2.0	0.0	0.0	23.0	7.0	12.0	
2	5.0	11.0	0.0	0.0	0.0	5.0	0.0	20.0	0.0	0.0	3.0	20.0	
3	7.0	2.0	0.0	0.0	0.0	0.0	6.0	0.0	2.0	0.0	13.0	6.0	
4	0.0	0.0	2.0	0.0	11.0	3.0	12.0	0.0	0.0	4.0	5.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	19.0	0.0	
6	0.0	0.0	0.0	15.0	0.0	3.0	11.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	10.0	0.0	0.0	0.0	12.0	28.0	0.0	10.0	10.0	0.0	
8	0.0	0.0	4.0	34.0	0.0	0.0	2.0	12.0	0.0	3.0	10.0	3.0	
9	0.0	0.0	0.0	15.0	0.0	0.0	0.0	9.0	0.0	0.0	12.0	0.0	
10	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	14.0	0.0	1.0	0.0	0.0	0.0	0.0	9.0	0.0	4.0	
12	0.0	0.0	7.0	1.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	7.0	0.0	12.0	12.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	5.0	0.0	2.0	5.0	15.0	0.0	0.0	0.0	11.0	0.0	5.0	10.0	
15	20.0	29.0	17.0	0.0	2.0	11.0	0.0	0.0	32.0	0.0	14.0	4.0	
16	0.0	0.0	0.0	1.0	2.0	23.0	0.0	0.0	4.0	2.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	7.0	3.0	0.0	0.0	18.0	14.0	0.0	0.0	
18	25.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
19	3.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	14.0	0.0	0.0	3.0	
20	0.0	13.0	0.0	45.0	8.0	0.0	0.0	3.0	18.0	0.0	8.0	0.0	
21	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	8.0	0.0	1.0	2.0	
22	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	15.0	0.0	0.0	12.0	
23	0.0	0.0	5.0	8.0	15.0	0.0	0.0	0.0	30.0	0.0	4.0	0.0	
24	0.0	0.0	2.0	0.0	11.0	23.0	7.0	0.0	20.0	5.0	11.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	13.0	0.0	0.0	0.0	
26	0.0	4.0	44.0	0.0	0.0	8.0	0.0	0.0	2.0	12.0	0.0	0.0	
27	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	2.0	17.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	23.0	0.0	2.0	0.0	22.0	16.0	19.0	9.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0	
30	0.0	0.0	0.0	12.0	3.0	2.0	23.0	0.0	2.0	0.0	0.0	0.0	
31	0.0	0.0	30.0	0.0	33.0	0.0	16.0	0.0	0.0	3.0	0.0	0.0	
TOTAL	81.0	106.0	159.0	148.0	178.0	105.0	93.0	72.0	219.0	121.0	141.0	82.0	1505.0
DIAS LLUVIA	8	7	14	10	19	14	10	5	18	13	15	10	143

PUESTO: EL BARRANCO
AÑO: 1991

DPTO: RISARALDA
MPIO: MISTRATO

LATITUD: 05° 20'N LONGITUD: 75° 53'W
ALTITUD : 1580 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	8.0	0.0	9.0	0.0	1.0	0.0	0.0	22.0	0.0	0.0	0.0	5.0	
2	6.0	0.0	8.0	0.0	6.0	0.0	0.0	0.0	21.0	8.0	0.0	0.0	
3	2.0	25.0	12.0	0.0	4.0	0.0	9.0	0.0	3.0	0.0	0.0	0.0	
4	0.0	0.0	8.0	0.0	10.0	0.0	21.0	0.0	0.0	0.0	10.0	0.0	
5	0.0	0.0	6.0	12.0	0.0	0.0	5.0	2.0	0.0	15.0	12.0	0.0	
6	0.0	0.0	9.0	5.0	0.0	0.0	22.0	16.0	10.0	11.0	10.0	6.0	
7	0.0	0.0	0.0	0.0	1.0	0.0	13.0	6.0	0.0	0.0	0.0	0.0	
8	6.0	6.0	0.0	13.0	3.0	0.0	21.0	5.0	0.0	1.0	0.0	11.0	
9	0.0	0.0	0.0	11.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	5.0	15.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	5.0	4.0	6.0	1.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	
12	4.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	
13	0.0	0.0	0.0	3.0	8.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	
14	9.0	0.0	0.0	10.0	4.0	0.0	0.0	0.0	21.0	5.0	28.0	14.0	
15	0.0	20.0	20.0	0.0	0.0	18.0	0.0	0.0	10.0	5.0	11.0	10.0	
16	5.0	6.0	0.0	0.0	0.0	8.0	0.0	1.0	0.0	0.0	4.0	0.0	
17	0.0	9.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
18	5.0	13.0	0.0	0.0	5.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	1.0	16.0	6.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	5.0	0.0	
20	0.0	6.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	9.0	9.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
22	0.0	6.0	0.0	3.0	0.0	0.0	0.0	2.0	0.0	0.0	35.0	0.0	
23	0.0	5.0	6.0	0.0	4.0	7.0	0.0	0.0	20.0	0.0	0.0	0.0	
24	0.0	0.0	15.0	0.0	0.0	9.0	13.0	0.0	10.0	0.0	0.0	0.0	
25	0.0	0.0	18.0	0.0	16.0	18.0	0.0	0.0	2.0	5.0	5.0	0.0	
26	0.0	5.0	10.0	2.0	7.0	7.0	0.0	10.0	1.0	0.0	0.0	21.0	
27	0.0	0.0	0.0	0.0	3.0	0.0	21.0	0.0	0.0	0.0	0.0	10.0	
28	0.0	6.0	18.0	0.0	6.0	4.0	2.0	0.0	0.0	0.0	41.0	1.0	
29	0.0	0.0	25.0	34.0	0.0	0.0	34.0	0.0	20.0	0.0	0.0	0.0	
30	0.0	0.0	6.0	0.0	0.0	0.0	19.0	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	0.0	0.0	3.0	0.0	0.0	
TOTAL	51.0	141.0	214.0	96.0	115.0	77.0	180.0	64.0	125.0	71.0	173.0	103.0	1410.0
DIAS LLUVIA	10	15	19	11	19	10	11	8	10	10	11	10	144

PUESTO: EL DIAMANTE
AÑO: 1991

DPTO: RISARALDA
MPIO: QUINCHIA

LATITUD: 05° 19'N LONGITUD: 75° 42'W
ALTITUD : 1440 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	29.0	4.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	12.0	0.0	0.0	0.0	18.0	6.0	0.0	0.0	0.0	4.0	0.0	0.0	
3	1.0	0.0	11.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	
4	0.0	10.0	61.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
5	0.0	0.0	0.0	5.0	0.0	32.0	18.0	0.0	12.0	0.0	10.0	35.0	
6	6.0	0.0	0.0	1.0	0.0	0.0	10.0	0.0	13.0	0.0	1.0	0.0	
7	0.0	0.0	0.0	22.0	0.0	0.0	0.0	17.0	0.0	2.0	0.0	9.0	
8	0.0	0.0	0.0	17.0	0.0	0.0	2.0	12.0	0.0	3.0	0.0	0.0	
9	0.0	0.0	28.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	28.0	0.0	
10	0.0	0.0	15.0	0.0	38.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
11	5.0	3.0	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	2.0	34.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	5.0	0.0	10.0	0.0	1.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	3.0	10.0	0.0	2.0	0.0	0.0	0.0	5.0	9.0	0.0	
15	0.0	0.0	10.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	16.0	4.0	0.0	0.0	16.0	0.0	0.0	11.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	72.0	0.0	0.0	0.0	12.0	18.0	0.0	0.0	
18	8.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
19	19.0	0.0	0.0	0.0	19.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	
20	0.0	2.0	0.0	4.0	30.0	0.0	0.0	0.0	41.0	0.0	31.0	0.0	
21	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	7.0	0.0	0.0	0.0	
23	0.0	0.0	15.0	0.0	23.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
24	0.0	0.0	8.0	0.0	2.0	0.0	26.0	0.0	18.0	0.0	0.0	0.0	
25	0.0	0.0	12.0	0.0	0.0	14.0	0.0	0.0	14.0	3.0	2.0	0.0	
26	0.0	0.0	14.0	0.0	10.0	17.0	0.0	0.0	0.0	4.0	0.0	0.0	
27	0.0	0.0	31.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	2.0	7.0	9.0	0.0	0.0	0.0	9.0	0.0	0.0	38.0	
29	0.0	0.0	18.0	0.0	51.0	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	30.0	0.0	27.0	0.0	29.0	0.0	
31	0.0	0.0	12.0	0.0	11.0	0.0	34.0	0.0	0.0	24.0	0.0	0.0	
TOTAL	56.0	53.0	285.0	104.0	334.0	113.0	120.0	46.0	244.0	65.0	156.0	82.0	1658.0
DIAS LLUVIA	7	5	18	9	18	10	6	3	14	9	9	3	111

PUESTO: VISTA HERMOSA
AÑO: 1991

DPTO: RISARALDA
MPIO: BELEN DE UMBRIA

LATITUD: 05° 15'N LONGITUD: 75° 54'W
ALTITUD : 1850 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1			12.5	5.0	0.0	0.0	0.0	0.0	0.0	3.5	6.5	8.0	
2			0.0	0.0	6.5	0.0	0.0	0.0	0.0	16.0	0.0	0.0	
3			13.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	
4			7.0	0.0	3.5	10.0	10.0	4.0	0.0	0.0	10.0	10.0	
5			2.0	21.0	0.0	0.0	18.0	0.0	0.0	0.0	9.0	0.0	
6			0.0	18.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
7			12.0	0.0	0.0	0.0	5.5	10.0	0.0	15.0	0.0	0.0	
8			6.0	28.0	7.0	0.0	0.0	20.0	0.0	11.0	30.0	11.5	
9			0.0	37.5	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	
10			0.0	0.0	32.0	0.0	0.0	0.0	0.0	10.0	10.0	4.0	
11			0.0	0.0	4.9	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
12			9.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	3.5	
13			40.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
14			2.5	0.0	12.5	5.0	0.0	0.0	9.0	0.0	9.0	8.0	
15			49.0	0.0	6.5	10.0	0.0	0.0	20.0	0.0	28.5	10.0	
16			4.5	0.0	8.0	11.0	0.0	0.0	7.0	0.0	0.0	8.0	
17			0.0	0.0	38.5	0.0	0.0	0.0	0.0	24.5	3.5	12.0	
18			0.0	0.0	30.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
19			0.0	0.0	9.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	
20			0.0	8.0	3.0	0.0	0.0	0.0	11.0	0.0	8.5	0.0	
21			0.0	0.0	6.5	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
22			0.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	11.5	8.0	
23			7.0	0.0	2.8	0.0	0.0	0.0	5.0	0.0	7.0	0.0	
24			9.5	0.0	0.0	38.0	18.0	0.0	9.0	0.0	0.0	0.0	
25			20.0	0.0	0.0	30.0	0.0	0.0	2.0	0.0	0.0	0.0	
26			11.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	
27			4.5	3.5	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
28			0.0	10.0	0.0	0.0	0.0	0.0	12.5	0.0	18.5	13.5	
29			7.5	0.0	3.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	
30			3.5	0.0	0.0	4.0	50.0	13.0	0.0	8.0	0.0	0.0	
31			7.5	0.0	20.5	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
TOTAL			228.5	149.0	195.2	130.0	184.5	73.0	119.5	128.0	171.0	96.5	
DIAS LLUVIA			19	11	16	9	9	5	12	8	14	11	

PUESTO: LOS CAMBULOS
AÑO: 1991

DPTO: RISARALDA LATITUD: 05° 09'N LONGITUD: 75° 53'W
MPIO: BELEN DE UMBRIA ALTITUD : 1400 m.

DIA	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	0.0	0.0	10.0		
2	0.0	35.0	0.0	0.0	2.0	10.0	0.0	0.0	0.0	0.0	0.0		
3	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	5.0	40.0		
4	0.0	0.0	10.0	0.0	0.0	0.0	4.0	7.0	0.0	0.0	0.0		
5	30.0	0.0	8.0	5.0	0.0	0.0	46.0	0.0	0.0	20.0	5.0		
6	0.0	0.0	5.0	25.0	0.0	0.0	25.0	0.0	0.0	0.0	15.0		
7	4.0	0.0	10.0	0.0	0.0	0.0	0.0	15.0	0.0	15.0	3.0		
8	10.0	0.0	0.0	0.0	16.0	0.0	4.0	13.0	0.0	16.0	20.0		
9	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0		
10	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0		
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0		
12	0.0	0.0	23.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	11.0	10.0	12.0	0.0	0.0	0.0	30.0	0.0	0.0		
15	15.0	37.0	15.0	0.0	3.0	15.0	0.0	0.0	32.0	0.0	10.0		
16	0.0	0.0	10.0	0.0	1.0	32.0	0.0	0.0	15.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	10.0		
18	0.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	20.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	24.0	0.0	0.0		
20	0.0	15.0	0.0	0.0	20.0	20.0	19.0	0.0	7.0	0.0	20.0		
21	0.0	0.0	0.0	8.0	15.0	0.0	6.0	0.0	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	43.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	38.0		
24	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0		
25	0.0	0.0	50.0	0.0	0.0	22.0	0.0	0.0	10.0	0.0	0.0		
26	0.0	0.0	31.0	8.0	45.0	15.0	4.0	0.0	0.0	6.0	0.0		
27	0.0	6.0	40.0	0.0	0.0	12.0	0.0	0.0	4.0	0.0	5.0		
28	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0		
29	0.0		20.0	0.0	5.0	0.0	16.0	0.0	0.0	0.0	0.0		
30	0.0		0.0	11.0	0.0	0.0	50.0	0.0	10.0	0.0	0.0		
31	0.0		0.0		27.0		25.0	0.0		0.0			
TOTAL	59.0	97.0	284.0	198.0	276.0	136.0	207.0	35.0	230.0	62.0	247.0		ANUAL
DIAS LLUVIA	4	5	14	10	14	8	11	3	11	5	16		

PUESTO: LOS NARANJOS
AÑO: 1991

DPTO: RISARALDA LATITUD: 05° 03'N LONGITUD: 76° 00'W
MPIO: SANTUARIO ALTITUD : 1650 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0								0.0	4.0	16.0	28.0	
2	7.0								0.0	14.0	0.0	35.0	
3	0.0								0.0	0.0	42.0	0.0	
4	0.0								0.0	0.0	9.0	15.0	
5	0.0								0.0	27.0	0.0	5.0	
6	5.0								0.0	0.0	3.0	2.0	
7	0.0								0.0	34.0	0.0	0.0	
8	0.0								0.0	18.0	45.0	25.0	
9	0.0							4.0	6.0	28.0	28.0	0.0	
10	2.0							0.0	0.0	3.5	0.0	3.0	
11	1.0							0.0	0.0	1.0	0.0	21.0	
12	3.0							0.0	0.0	0.0	8.0	9.0	
13	22.0							0.0	0.0	22.0	27.0	7.0	
14	10.0							0.0	9.0	10.0	12.0	3.0	
15	0.0							0.0	33.0	4.0	9.0	19.0	
16	2.0							0.0	16.0	0.0	0.0	2.0	
17	1.0							0.0	0.0	1.0	0.0	9.0	
18	0.0							0.0	42.0	0.0	0.0	6.0	
19	0.0							0.0	5.0	0.0	0.0	0.0	
20	0.0							0.0	22.0	0.0	29.0	0.0	
21	0.0							0.0	6.0	0.0	4.0	0.0	
22	0.0							0.0	37.0	0.0	0.0	0.0	
23	0.0							0.0	9.0	0.0	5.5	0.0	
24	0.0							0.0	26.0	0.0	3.0	0.0	
25	0.0							0.0	9.0	0.0	0.0	0.0	
26	0.0							0.0	1.0	24.0	0.0	6.0	
27	0.0							0.0	0.0	8.0	0.0	0.0	
28	0.0							0.0	3.0	7.0	20.0	0.0	
29	0.0							0.0	0.0	20.0	0.0	0.0	
30	0.0							0.0	3.0	0.0	0.0	0.0	
31	0.0							0.0		15.0		0.0	
TOTAL	53.0								227.0	240.5	260.5	195.0	ANUAL
DIAS LLUVIA	9								15	17	15	16	

PUESTO: LA TRIBUNA
AÑO: 1991

DPTO: RISARALDA
MPIO: BALBOA

LATITUD: 04° 57'N LONGITUD: 75° 57'W
ALTITUD : 1500 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	32.0	0.0	0.0	23.0	0.0	0.0	0.0	5.0	13.0	17.0	
2	0.0	21.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	3.0	24.0	15.0	
3	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
4	40.0	0.0	0.0	0.0	31.0	4.0	20.0	0.0	0.0	0.0	24.0	22.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	3.0	0.0	0.0	
6	1.0	0.0	15.0	4.0	6.0	0.0	1.0	0.0	0.0	0.0	18.0	0.0	
7	0.0	0.0	2.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	5.0	0.0	
8	0.0	0.0	0.0	5.0	0.0	0.0	10.0	11.0	0.0	3.0	20.0	16.0	
9	0.0	0.0	11.0	3.0	0.0	0.0	0.0	4.0	6.0	0.0	23.0	1.0	
10	8.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	20.0	10.0	0.0	18.0	0.0	0.0	0.0	0.0	1.0	
12	0.0	0.0	0.0	0.0	16.0	3.0	1.0	0.0	0.0	3.0	0.0	11.0	
13	7.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
14	0.0	3.0	10.0	6.0	16.0	2.0	0.0	0.0	6.0	0.0	7.0	7.0	
15	0.0	0.0	5.0	0.0	0.0	1.0	0.0	0.0	35.0	0.0	37.0	11.0	
16	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	5.0	0.0	0.0	2.0	
17	0.0	1.0	0.0	0.0	45.0	0.0	3.0	0.0	8.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	21.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	13.0	0.0	0.0	20.0	5.0	0.0	0.0	59.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	8.0	1.0	4.0	0.0	34.0	0.0	8.0	0.0	
21	0.0	0.0	0.0	0.0	5.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	65.0	0.0	0.0	1.0	
23	0.0	0.0	15.0	6.0	18.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
24	0.0	0.0	9.0	0.0	0.0	5.0	0.0	0.0	5.0	0.0	13.0	0.0	
25	0.0	2.0	12.0	0.0	0.0	3.0	0.0	0.0	30.0	20.0	0.0	2.0	
26	0.0	0.0	47.0	0.0	0.0	11.0	1.0	0.0	0.0	4.0	0.0	0.0	
27	0.0	6.0	7.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	4.0	1.0	5.0	0.0	31.0	0.0	3.0	0.0	4.0	7.0	
29	0.0		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
30	0.0		6.0	4.0	33.0	0.0	50.0	0.0	13.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		10.0	0.0		0.0		0.0	
TOTAL	56.0	46.0	222.0	50.0	234.0	105.0	189.0	30.0	284.0	45.0	199.0	113.0	ANUAL
DIAS LLUVIA	4	6	15	9	13	14	15	3	14	8	13	13	1573.0
													127

PUESTO: SANTA HELENA
AÑO: 1991

DPTO: RISARALDA
MPIO: SANTA ROSA DE CABAL

LATITUD: 04° 57'N LONGITUD: 75° 37'W
ALTITUD : m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	1.0	0.0	8.0	29.0	6.0	0.0	0.0	0.0	0.0	7.0	6.0	0.0	
2	1.0	47.0	19.0	0.0	17.0	0.0	1.0	4.0	0.0	4.0	0.0	20.0	
3	7.0	0.0	2.0	6.0	3.0	0.0	0.0	0.0	2.0	0.0	8.0	0.0	
4	0.0	0.0	13.0	0.0	0.0	8.0	24.0	3.0	0.0	0.0	19.0	66.0	
5	0.0	0.0	0.0	2.0	2.0	2.0	7.0	2.0	0.0	0.0	1.0	0.0	
6	35.0	0.0	13.0	19.0	41.0	0.0	3.0	0.0	0.0	4.0	10.0	0.0	
7	0.0	0.0	12.0	0.0	0.0	0.0	16.0	14.0	0.0	37.0	3.0	0.0	
8	12.0	0.0	17.0	20.0	4.0	0.0	2.0	17.0	0.0	14.0	9.0	41.0	
9	0.0	0.0	3.0	5.0	1.0	1.0	0.0	17.0	1.0	4.0	23.0	3.0	
10	0.0	0.0	38.0	0.0	2.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
11	4.0	9.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	1.0	0.0	0.0	
12	0.0	0.0	7.0	2.0	6.0	0.0	8.0	0.0	0.0	0.0	18.0	12.0	
13	35.0	2.0	53.0	35.0	0.0	46.0	0.0	0.0	0.0	0.0	10.0	0.0	
14	12.0	43.0	16.0	25.0	6.0	4.0	0.0	0.0	36.0	0.0	20.0	21.0	
15	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	32.0	0.0	11.0	23.0	
16	0.0	0.0	14.0	0.0	4.0	0.0	0.0	0.0	4.0	0.0	20.0	6.0	
17	0.0	0.0	0.0	0.0	3.0	0.0	12.0	2.0	5.0	9.0	0.0	41.0	
18	0.0	0.0	0.0	17.0	19.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
19	0.0	0.0	0.0	70.0	34.0	3.0	0.0	3.0	10.0	0.0	0.0	0.0	
20	2.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	1.0	
21	0.0	0.0	0.0	0.0	12.0	0.0	1.0	0.0	2.0	0.0	3.0	3.0	
22	0.0	0.0	0.0	9.0	1.0	30.0	3.0	0.0	34.0	0.0	43.0	6.0	
23	0.0	0.0	9.0	2.0	12.0	41.0	0.0	0.0	0.0	0.0	3.0	0.0	
24	0.0	0.0	17.0	5.0	1.0	11.0	2.0	0.0	3.0	27.0	37.0	0.0	
25	1.0	1.0	25.0	1.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0	0.0	
26	0.0	16.0	3.0	0.0	27.0	34.0	2.0	0.0	13.0	0.0	0.0	0.0	
27	0.0	25.0	12.0	0.0	21.0	5.0	0.0	0.0	2.0	7.0	0.0	19.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.0	3.0	16.0	10.0	
29	2.0		0.0	1.0	25.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
30	3.0		8.0	40.0	3.0	15.0	20.0	0.0	0.0	58.0	0.0	0.0	
31	0.0		1.0		4.0		13.0	0.0		0.0		0.0	
TOTAL	115.0	144.0	290.0	289.0	254.0	215.0	123.0	62.0	243.0	180.0	260.0	272.0	ANUAL
DIAS LLUVIA	12	8	20	18	23	14	15	8	16	14	18	14	2447.0
													180

PUESTO: LA TERESITA
AÑO: 1991

DPTO: RISARALDA LATITUD: 04° 57'N LONGITUD: 75° 38'W
MPIO: SANTA ROSA DE CABAL ALTITUD : m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	2.0	1.0	10.0	30.0	0.0	10.0	0.0	20.0	0.0	7.0	5.0	0.0	
2	0.0	40.0	20.0	10.0	0.0	0.0	15.0	10.0	0.0	0.0	40.0	25.0	
3	5.0	2.0	5.0	0.0	5.0	0.0	5.0	5.0	0.0	3.0	25.0	0.0	
4	0.0	0.0	3.0	0.0	10.0	2.0	35.0	30.0	0.0	0.0	2.0	75.0	
5	28.0	0.0	8.0	20.0	20.0	10.0	20.0	10.0	1.0	0.0	0.0	8.0	
6	0.0	0.0	20.0	5.0	45.0	5.0	15.0	2.0	0.0	1.0	0.0	10.0	
7	1.0	0.0	10.0	2.0	10.0	0.0	2.0	25.0	0.0	20.0	15.0	20.0	
8	25.0	0.0	15.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	7.0	15.0	
9	0.0	0.0	20.0	0.0	25.0	0.0	0.0	40.0	5.0	5.0	30.0	0.0	
10	2.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	
11	5.0	8.0	13.0	2.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	20.0	0.0	7.0	5.0	0.0	0.0	10.0	0.0	0.0	5.0	5.0	20.0	
13	45.0	20.0	35.0	40.0	2.0	0.0	0.0	0.0	0.0	10.0	7.0	8.0	
14	12.0	2.0	7.0	25.0	0.0	0.0	0.0	0.0	32.0	0.0	5.0	10.0	
15	10.0	30.0	15.0	0.0	0.0	0.0	10.0	0.0	45.0	0.0	7.0	30.0	
16	2.0	0.0	0.0	0.0	8.0	0.0	15.0	0.0	5.0	0.0	35.0	10.0	
17	0.0	0.0	0.0	0.0	5.0	0.0	0.0	18.0	0.0	30.0	0.0	10.0	
18	0.0	3.0	0.0	12.0	45.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	45.0	48.0	0.0	0.0	1.0	20.0	0.0	5.0	0.0	
20	2.0	0.0	0.0	15.0	25.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	30.0	10.0	5.0	0.0	0.0	25.0	0.0	5.0	0.0	
22	0.0	0.0	5.0	5.0	5.0	25.0	0.0	0.0	15.0	0.0	45.0	1.0	
23	0.0	0.0	15.0	0.0	30.0	20.0	0.0	0.0	5.0	0.0	35.0	0.0	
24	0.0	0.0	35.0	0.0	2.0	10.0	5.0	0.0	0.0	0.0	5.0	0.0	
25	0.0	2.0	20.0	0.0	0.0	5.0	2.0	0.0	0.0	17.0	0.0	0.0	
26	2.0	15.0	10.0	5.0	45.0	35.0	0.0	0.0	0.0	5.0	0.0	0.0	
27	0.0	0.0	5.0	0.0	10.0	50.0	0.0	0.0	5.0	10.0	0.0	30.0	
28	1.0	0.0	0.0	0.0	15.0	5.0	10.0	0.0	15.0	5.0	0.0	0.0	
29	10.0	0.0	0.0	0.0	50.0	2.0	5.0	0.0	2.0	0.0	5.0	0.0	
30	0.0	0.0	5.0	20.0	0.0	5.0	30.0	0.0	10.0	0.0	15.0	0.0	
31	0.0	0.0	10.0	0.0	0.0	0.0	15.0	0.0	0.0	10.0	0.0	0.0	
TOTAL	172.0	123.0	324.0	271.0	425.0	189.0	209.0	162.0	200.0	128.0	320.0	272.0	2795.0
DIAS LLUVIA	16	10	23	16	21	14	16	11	14	13	20	14	188

PUESTO: EL CASTILLO
AÑO: 1991

DPTO: RISARALDA LATITUD: 04° 56'N LONGITUD: 75° 40'W
MPIO: SANTA ROSA DE CABAL ALTITUD : 1550 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	0.0	20.0	0.0	0.0	0.0	5.0	0.0	0.0	15.0	0.0	
2	0.0	30.0	20.0	0.0	20.0	0.0	25.0	0.0	0.0	5.0	0.0	15.0	
3	0.0	10.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.0	25.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	95.0	
5	0.0	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
6	10.0	0.0	30.0	25.0	45.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	15.0	0.0	0.0	10.0	0.0	30.0	0.0	0.0	50.0	0.0	
8	0.0	0.0	10.0	30.0	10.0	0.0	15.0	25.0	0.0	0.0	0.0	5.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	20.0	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	15.0	0.0	30.0	10.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	35.0	40.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	
13	50.0	35.0	15.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0	0.0	0.0	
14	0.0	0.0	25.0	0.0	0.0	10.0	5.0	0.0	60.0	5.0	10.0	20.0	
15	0.0	15.0	10.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	30.0	25.0	
16	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	15.0	0.0	5.0	20.0	10.0	60.0	0.0	5.0	
18	15.0	0.0	0.0	30.0	25.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	50.0	5.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	
20	0.0	0.0	5.0	0.0	10.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	30.0	0.0	5.0	0.0	
23	0.0	0.0	0.0	40.0	0.0	40.0	0.0	0.0	0.0	5.0	10.0	0.0	
24	0.0	0.0	70.0	0.0	30.0	30.0	0.0	0.0	0.0	0.0	30.0	0.0	
25	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
26	0.0	10.0	0.0	5.0	35.0	55.0	10.0	0.0	15.0	20.0	0.0	0.0	
27	0.0	55.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	10.0	5.0	10.0	
28	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
29	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	0.0	
30	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	
TOTAL	110.0	155.0	250.0	285.0	295.0	260.0	90.0	100.0	235.0	160.0	225.0	205.0	2370.0
DIAS LLUVIA	6	6	11	10	12	10	8	7	11	12	13	9	115

PUESTO: COMBIA
AÑO: 1991

DPTO: RISARALDA
MPIO: PEREIRA

LATITUD: 04° 51'N LONGITUD: 75° 47'W
ALTITUD: 1240 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	23.0	19.0	0.0	0.0	0.0	1.0	0.0	0.0	26.0	13.0	
2	10.0	22.0	1.0	0.0	6.0	112.0	1.0	20.0	0.0	1.0	0.0	38.0	
3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
4	25.0	0.0	12.0	0.0	15.0	4.0	14.0	0.0	0.0	0.0	0.0	15.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	0.0	5.0	0.0	1.0	
6	0.0	0.0	7.0	5.0	0.0	1.0	4.0	1.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	16.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	15.0	
8	0.0	0.0	3.0	13.0	0.0	0.0	18.0	3.0	0.0	2.0	5.0	0.0	
9	0.0	0.0	5.0	5.0	3.0	0.0	0.0	13.0	11.0	8.0	23.0	0.0	
10	0.0	0.0	1.0	0.0	2.0	1.0	1.0	0.0	0.0	1.0	0.0	0.0	
11	14.0	0.0	0.0	1.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	
12	1.0	0.0	0.0	5.0	20.0	1.0	20.0	0.0	0.0	0.0	0.0	20.0	
13	62.0	0.0	11.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	1.0	0.0	
14	10.0	19.0	26.0	6.0	2.0	2.0	0.0	0.0	49.0	0.0	28.0	0.0	
15	0.0	8.0	0.0	0.0	0.0	10.0	0.0	0.0	45.0	0.0	30.0	2.0	
16	0.0	0.0	45.0	0.0	5.0	0.0	0.0	0.0	5.0	0.0	5.0	3.0	
17	0.0	10.0	11.0	0.0	25.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	
18	2.0	1.0	1.0	0.0	11.0	0.0	0.0	0.0	16.0	0.0	0.0	1.0	
19	2.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0	7.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	69.0	17.0	0.0	0.0	15.0	0.0	10.0	0.0	
21	0.0	0.0	0.0	0.0	4.0	1.0	0.0	0.0	2.0	0.0	0.0	38.0	
22	0.0	0.0	0.0	0.0	1.0	10.0	0.0	0.0	15.0	0.0	0.0	0.0	
23	0.0	0.0	30.0	5.0	16.0	34.0	0.0	1.0	1.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	12.0	1.0	0.0	0.0	0.0	0.0	0.0	53.0	0.0	
25	0.0	1.0	10.0	0.0	0.0	4.0	0.0	0.0	7.0	39.0	0.0	0.0	
26	0.0	0.0	27.0	0.0	0.0	10.0	0.0	0.0	0.0	3.0	0.0	0.0	
27	0.0	0.0	1.0	0.0	0.0	28.0	0.0	0.0	13.0	0.0	0.0	19.0	
28	0.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	1.0	20.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0	
30	0.0	0.0	18.0	7.0	0.0	4.0	15.0	0.0	30.0	0.0	0.0	0.0	
31	0.0	0.0	5.0	0.0	28.0	0.0	4.0	2.0	0.0	1.0	0.0	0.0	
TOTAL	126.0	61.0	255.0	79.0	226.0	246.0	116.0	74.0	219.0	93.0	193.0	197.0	ANUAL 1885.0
DIAS LLUVIA	8	6	20	11	18	18	8	8	15	9	12	13	146

PUESTO: EL BOSQUE
AÑO: 1991

DPTO: RISARALDA
MPIO: DOSQUEBRADAS

LATITUD: 04° 50'N LONGITUD: 75° 41'W
ALTITUD: 1450 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	20.0	30.0	0.0	0.0	0.0	10.0	0.0	0.0	22.0	15.0	
2	31.0	47.0	0.0	0.0	10.0	26.0	10.0	0.0	0.0	8.0	10.0	7.0	
3	0.0	0.0	10.0	0.0	3.0	0.0	7.0	0.0	4.0	0.0	5.0	14.0	
4	0.0	0.0	7.0	0.0	2.0	0.0	6.0	11.0	0.0	0.0	15.0	4.0	
5	0.0	0.0	8.0	19.0	0.0	5.0	7.0	0.0	0.0	0.0	35.0	5.0	
6	21.0	0.0	21.0	0.0	5.0	0.0	2.0	0.0	0.0	7.0	22.0	0.0	
7	0.0	0.0	9.0	7.0	4.0	0.0	6.0	45.0	0.0	0.0	30.0	0.0	
8	0.0	0.0	16.0	22.0	0.0	0.0	4.0	17.0	0.0	0.0	16.0	7.0	
9	0.0	0.0	34.0	5.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	20.0	0.0	25.0	0.0	16.0	0.0	0.0	7.0	0.0	9.0	
11	23.0	1.0	2.0	45.0	0.0	3.0	0.0	0.0	0.0	14.0	0.0	11.0	
12	1.0	1.0	3.0	0.0	0.0	0.0	16.0	0.0	0.0	33.0	59.0	20.0	
13	0.0	0.0	0.0	11.0	10.0	31.0	0.0	0.0	0.0	10.0	24.0	6.0	
14	29.0	0.0	24.0	31.0	5.0	37.0	0.0	0.0	30.0	7.0	12.0	4.0	
15	0.0	20.0	0.0	0.0	7.0	35.0	0.0	0.0	44.0	0.0	15.0	10.0	
16	0.0	0.0	48.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	17.0	11.0	
17	0.0	25.0	0.0	0.0	16.0	7.0	0.0	0.0	48.0	0.0	0.0	9.0	
18	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	22.0	10.0	0.0	4.0	
19	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	9.0	3.0	
20	0.0	0.0	0.0	0.0	18.0	45.0	0.0	0.0	10.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	17.0	10.0	0.0	0.0	15.0	0.0	0.0	4.0	
22	0.0	0.0	0.0	0.0	11.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	9.0	57.0	12.0	5.0	0.0	0.0	10.0	0.0	0.0	0.0	
24	0.0	0.0	21.0	26.0	6.0	2.0	0.0	0.0	25.0	0.0	63.0	0.0	
25	0.0	0.0	36.0	0.0	0.0	10.0	0.0	0.0	11.0	0.0	14.0	0.0	
26	0.0	17.0	16.0	0.0	7.0	12.0	0.0	0.0	4.0	0.0	0.0	0.0	
27	26.0	5.0	3.0	0.0	29.0	10.0	0.0	0.0	3.0	0.0	0.0	60.0	
28	0.0	15.0	5.0	10.0	10.0	3.0	14.0	0.0	0.0	25.0	0.0	1.0	
29	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	32.0	0.0	0.0	
30	0.0	0.0	21.0	7.0	4.0	0.0	29.0	0.0	4.0	0.0	10.0	0.0	
31	0.0	0.0	24.0	0.0	45.0	0.0	27.0	0.0	0.0	28.0	0.0	0.0	
TOTAL	131.0	133.0	357.0	270.0	287.0	260.0	144.0	83.0	232.0	181.0	378.0	219.0	ANUAL 2675.0
DIAS LLUVIA	6	9	21	12	23	17	12	4	14	11	17	20	166

PUESTO: LA PLAYA
AÑO: 1991

DPTO: RISARALDA
MPIO: PEREIRA

LATITUD: 04° 50'N LONGITUD: 76° 46'W
ALTITUD : 1230 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	27.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
2	5.0	27.0	10.0	0.0	0.0	75.0	5.0	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	22.0	0.0	0.0	12.0	0.0	
4	20.0	0.0	4.0	0.0	22.0	5.0	15.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	56.0	
6	0.0	0.0	3.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	20.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	7.0	
8	0.0	0.0	10.0	26.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	5.0	5.0	0.0	0.0	6.0	22.0	23.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	
11	15.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	9.0	35.0	
12	6.0	0.0	0.0	14.0	34.0	12.0	12.0	0.0	0.0	0.0	0.0	0.0	
13	45.0	0.0	8.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	24.0	10.0	7.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	
15	0.0	5.0	0.0	5.0	0.0	5.0	0.0	0.0	68.0	0.0	48.0	8.0	
16	0.0	0.0	54.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	6.0	0.0	0.0	24.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	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	0.0	6.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	22.0	20.0	0.0	0.0	15.0	0.0	7.0	0.0	
21	0.0	0.0	0.0	0.0	5.0	10.0	0.0	0.0	6.0	0.0	0.0	20.0	
22	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	20.0	0.0	0.0	0.0	
23	0.0	0.0	8.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	9.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	
25	0.0	0.0	0.0	24.0	0.0	48.0	0.0	0.0	0.0	51.0	0.0	0.0	
26	0.0	0.0	30.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	11.0	0.0	27.0	0.0	0.0	21.0	0.0	0.0	33.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	40.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
30	0.0	0.0	28.0	26.0	0.0	0.0	18.0	0.0	20.0	0.0	5.0	0.0	
31	0.0	0.0	0.0	0.0	30.0	0.0	4.0	6.0	0.0	0.0	0.0	0.0	
TOTAL DIAS LLUVIA	91.0 5	38.0 3	235.0 13	121.0 8	177.0 12	242.0 13	113.0 8	89.0 5	195.0 11	113.0 3	194.0 8	199.0 7	ANUAL 1807.0 96

PUESTO: LOS CAMBULOS
AÑO: 1991

DPTO: RISARALDA
MPIO: PEREIRA

LATITUD: 04° 49'N LONGITUD: 75° 50'W
ALTITUD : 1240 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	40.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	
2	2.0	53.0	0.0	0.0	4.0	33.0	0.0	14.0	0.0	5.0	0.0	19.0	
3	5.0	6.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	
4	0.0	0.0	15.0	0.0	33.0	0.0	10.0	0.0	0.0	0.0	0.0	7.0	
5	0.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	7.0	10.0	3.0	0.0	
6	15.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	22.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	11.0	
8	0.0	0.0	3.0	26.0	0.0	0.0	0.0	2.0	0.0	28.0	0.0	0.0	
9	0.0	0.0	17.0	20.0	0.0	0.0	1.0	14.0	3.0	0.0	63.0	0.0	
10	0.0	0.0	0.0	9.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	8.0	0.0	0.0	0.0	5.0	0.0	4.0	0.0	0.0	5.0	3.0	0.0	
12	0.0	0.0	0.0	0.0	20.0	0.0	30.0	0.0	0.0	0.0	0.0	14.0	
13	26.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
14	0.0	0.0	63.0	0.0	0.0	0.0	0.0	0.0	33.0	2.0	22.0	0.0	
15	0.0	3.0	0.0	0.0	3.0	19.0	11.0	0.0	36.0	0.0	30.0	2.0	
16	0.0	0.0	6.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	16.0	38.0	0.0	53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	16.0	0.0	0.0	0.0	41.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	
19	3.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	39.0	4.0	0.0	0.0	22.0	0.0	4.0	0.0	
21	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	28.0	0.0	0.0	0.0	
23	0.0	0.0	33.0	2.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	12.0	31.0	0.0	0.0	0.0	0.0	0.0	61.0	0.0	
25	0.0	0.0	1.0	0.0	0.0	14.0	0.0	0.0	30.0	13.0	0.0	0.0	
26	0.0	0.0	2.0	0.0	0.0	8.0	0.0	0.0	0.0	3.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	39.0	0.0	0.0	37.0	4.0	0.0	3.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	18.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
30	0.0	0.0	10.0	2.0	11.0	0.0	20.0	0.0	77.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	38.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	
TOTAL DIAS LLUVIA	75.0 7	88.0 5	295.0 14	82.0 8	298.0 15	137.0 8	109.0 8	61.0 4	300.0 12	75.0 9	252.0 10	79.0 8	ANUAL 1851.0 108

PUESTO: LA RENTA
AÑO: 1991

DPTO: RISARALDA
MPIO: PEREIRA

LATITUD: 04° 47'N LONGITUD: 75° 42'W
ALTITUD: 1250 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	33.0	0.0	0.0	0.0	0.0		0.0	0.0	24.0	0.0	
2	0.0	65.0	2.0	0.0	0.0	58.0	0.0		0.0	2.0	1.0	13.0	
3	1.0	2.0	0.0	0.0	2.0	0.0	0.0		0.0	0.0	3.0	7.0	
4	0.0	0.0	15.0	0.0	8.0	18.0	0.0		0.0	0.0	2.0	12.0	
5	0.0	0.0	0.0	2.0	0.0	0.0	9.0		0.0	16.0	0.0	2.0	
6	0.0	0.0	16.0	1.0	0.0	0.0	3.0		0.0	0.0	0.0	0.0	
7	0.0	0.0	8.0	1.0	0.0	0.0	0.0		0.0	3.0	0.0	6.0	
8	0.0	3.0	8.0	17.0	0.0	0.0	0.0		0.0	8.0	1.0	0.0	
9	0.0	0.0	4.0	3.0	2.0	5.0	0.0		1.0	0.0	71.0	1.0	
10	0.0	0.0	0.0	0.0	9.0	0.0	0.0		0.0	4.0	8.0	0.0	
11	13.0	0.0	0.0	25.0	11.0	0.0	0.0		0.0	0.0	6.0	3.0	
12	20.0	0.0	0.0	1.0	6.0	0.0	0.0		0.0	0.0	0.0	45.0	
13	31.0	0.0	16.0	0.0	0.0	4.0	0.0		0.0	0.0	2.0	0.0	
14	0.0	0.0	49.0	6.0	0.0	5.0	0.0		8.0	13.0	20.0	2.0	
15	0.0	0.0	0.0	1.0	0.0	31.0	7.0		47.0	0.0	13.0	2.0	
16	0.0	0.0	11.0	0.0	12.0	0.0	6.0		10.0	0.0	0.0	0.0	
17	0.0	46.0	33.0	0.0	15.0	0.0	0.0		0.0	0.0	0.0	0.0	
18	29.0	0.0	1.0	0.0	4.0	0.0	0.0		1.0	0.0	0.0	0.0	
19	22.0	0.0	0.0	0.0	18.0	0.0	0.0		24.0	0.0	1.0	0.0	
20	0.0	0.0	0.0	0.0	40.0	0.0	0.0		12.0	0.0	2.0	0.0	
21	0.0	0.0	0.0	0.0	12.0	6.0	0.0		0.0	0.0	0.0	32.0	
22	0.0	0.0	3.0	0.0	1.0	3.0	0.0		0.0	0.0	0.0	0.0	
23	0.0	0.0	35.0	17.0	12.0	18.0	0.0		0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	1.0		0.0	0.0	44.0	0.0	
25	0.0	0.0	8.0	0.0	0.0	1.0	0.0		5.0	0.0	0.0	0.0	
26	0.0	0.0	19.0	0.0	0.0	7.0	0.0		0.0	6.0	0.0	0.0	
27	0.0	1.0	1.0	0.0	0.0	13.0	0.0		0.0	0.0	0.0	16.0	
28	0.0	0.0	4.0	2.0	0.0	0.0	0.0		0.0	0.0	8.0	59.0	
29	0.0		0.0	0.0	0.0	0.0	0.0		0.0	33.0	0.0	0.0	
30	0.0		0.0	35.0	0.0	7.0	15.0		59.0	0.0	0.0	0.0	
31	0.0		16.0		13.0		0.0			0.0		0.0	
TOTAL	116.0	117.0	282.0	111.0	165.0	176.0	41.0		167.0	85.0	206.0	200.0	ANUAL
DIAS LLUVIA	6	5	19	12	15	13	6		9	8	15	13	

PUESTO: HIROSHIMA
AÑO: 1991

DPTO: RISARALDA
MPIO: PEREIRA

LATITUD: 04° 46'N LONGITUD: 75° 44'W
ALTITUD: 1340 m.

DIA	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	6.0	0.0	1.0	8.0	0.0	
2	14.0	94.0	2.0	0.0	0.0	78.0	0.0	25.0	0.0	6.0	10.0	21.0	
3	1.0	0.0	0.0	0.0	6.0	0.0	2.0	3.0	0.0	0.0	1.0	0.0	
4	0.0	0.0	34.0	0.0	4.0	8.0	18.0	0.0	0.0	0.0	10.0	24.0	
5	6.0	0.0	0.0	19.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	
6	1.0	0.0	16.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	
7	0.0	0.0	24.0	0.0	0.0	0.0	8.0	59.0	0.0	13.0	13.0	19.0	
8	0.0	2.0	7.0	46.0	5.0	0.0	0.0	8.0	0.0	3.0	7.0	19.0	
9	0.0	0.0	11.0	2.0	6.0	15.0	0.0	1.0	0.0	0.0	0.0	5.0	
10	0.0	0.0	0.0	5.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	7.0	0.0	0.0	18.0	10.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	
12	18.0	45.5	94.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	62.0	62.0	
13	50.0	0.0	0.0	5.0	0.0	10.0	0.0	0.0	0.0	0.0	4.0	0.0	
14	1.0	0.0	0.0	48.0	0.0	15.0	0.0	0.0	27.0	30.0	45.0	0.0	
15	0.0	2.0	0.0	0.0	0.0	31.0	0.0	0.0	95.0	0.0	54.0	0.0	
16	0.0	35.0	2.0	0.0	58.0	7.0	0.0	0.0	0.0	0.0	0.0	26.0	
17	0.0	0.0	0.0	2.0	18.0	0.0	2.0	0.0	3.0	0.0	7.0	0.0	
18	12.0	0.0	6.0	0.0	2.0	0.0	0.0	0.0	96.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	40.0	0.0	2.0	0.0	48.0	0.0	4.0	0.0	
20	0.0	0.0	0.0	0.0	70.0	32.0	0.0	0.0	0.0	0.0	4.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.0	0.0	0.0	
22	0.0	0.0	4.0	0.0	3.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	
23	0.0	0.0	18.0	64.0	30.0	66.0	0.0	0.0	2.0	0.0	0.0	0.0	
24	0.0	0.0	23.0	0.0	6.0	2.0	10.0	0.0	0.0	0.0	81.0	0.0	
25	0.0	0.0	51.0	0.0	0.0	36.0	0.0	0.0	13.0	24.0	0.0	0.0	
26	0.0	0.0	64.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	
27	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	25.0	
28	0.0	0.0	46.0	3.0	9.0	38.0	0.0	0.0	12.0	0.0	0.0	90.0	
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	30.0	61.0	15.0	0.0	
30	0.0		0.0	17.0	4.0	0.0	30.0	0.0	117.0	0.0	0.0	0.0	
31	0.0		69.0		64.0		25.0	0.0		1.0		0.0	
TOTAL	110.0	178.5	471.0	237.0	354.0	345.0	107.0	102.0	481.0	168.0	366.0	272.0	ANUAL
DIAS LLUVIA	9	5	16	13	17	13	10	6	12	11	17	8	3191.5 137

PUESTO: EL SILENCIO
AÑO: 1991

DPTO: SANTANDER
MPIO: RIONEGRO

LATITUD: 07° 24'N LONGITUD: 73° 13'W
ALTITUD: 1120 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	5.0	
2	0.0	0.0	5.0	0.0	14.0	0.0	0.0	0.0	0.0	5.0	12.0	0.0	
3	0.0	0.0	25.0	0.0	6.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	10.0	0.0	15.0	0.0	0.0	0.0	6.0	0.0	0.0	9.0	
5	0.0	0.0	22.0	0.0	0.0	0.0	0.0	11.0	0.0	10.0	3.0	10.0	
6	0.0	0.0	31.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	10.0	0.0	
8	0.0	0.0	16.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
9	0.0	0.0	5.0	0.0	2.0	0.0	0.0	8.0	0.0	0.0	5.0	0.0	
10	0.0	0.0	50.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	
11	2.0	14.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	1.0	
12	0.0	15.0	6.0	0.0	5.0	45.0	0.0	24.0	0.0	0.0	1.0	0.0	
13	0.0	0.0	2.0	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	5.0	0.0	0.0	5.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	45.0	0.0	15.0	
17	0.0	0.0	0.0	0.0	3.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	6.0	
19	0.0	0.0	0.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	
20	0.0	0.0	0.0	30.0	5.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	5.0	72.0	20.0	0.0	0.0	23.0	1.0	0.0	0.0	
22	0.0	23.0	10.0	0.0	0.0	0.0	0.0	52.0	22.0	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	0.0	0.0	0.0	
24	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	33.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	5.0	0.0	30.0	9.0	0.0	0.0	0.0	0.0	8.0	9.0	0.0	
27	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	5.0	5.0	0.0	0.0	50.0	0.0	6.0	0.0	0.0	
29	0.0	0.0	0.0	35.0	0.0	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	35.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	2.0	66.0	212.0	177.0	144.0	120.0	17.0	173.0	139.0	77.0	72.0	51.0	1250.0
DIAS LLUVIA	1	5	15	14	11	6	4	6	7	7	9	7	92

PUESTO: PALESTINA
AÑO: 1991

DPTO: SANTANDER
MPIO: RIONEGRO

LATITUD: 07° 19'N LONGITUD: 73° 07'W
ALTITUD: 1350 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	21.0	0.0	15.0	0.0	12.0	12.0	0.0	1.0	0.0	11.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	
3	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	3.0	
4	0.0	0.0	22.0	0.0	4.0	0.0	0.0	2.0	0.0	0.0	13.0	0.0	
5	0.0	0.0	25.0	18.0	13.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
6	33.0	0.0	23.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	4.0	
7	7.0	0.0	5.0	20.0	0.0	0.0	0.0	0.0	0.0	37.0	1.0	0.0	
8	0.0	2.0	11.0	10.0	0.0	0.0	0.0	0.0	3.0	0.0	24.0	0.0	
9	0.0	10.0	0.0	2.0	0.0	0.0	0.0	0.0	14.0	2.0	45.0	0.0	
10	0.0	0.0	0.0	14.0	16.0	0.0	0.0	0.0	0.0	0.0	20.0	1.0	
11	0.0	0.0	3.0	21.0	4.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	
12	0.0	0.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
13	0.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	0.0	13.0	31.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	15.0	21.0	
15	0.0	9.0	2.0	0.0	0.0	0.0	6.0	0.0	0.0	33.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	2.0	1.0	0.0	0.0	23.0	0.0	0.0	60.0	
17	3.0	4.0	0.0	3.0	11.0	0.0	0.0	4.0	0.0	3.0	13.0	0.0	
18	0.0	19.0	0.0	24.0	5.0	9.0	0.0	7.0	0.0	0.0	0.0	7.0	
19	2.0	0.0	0.0	0.0	9.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	5.0	15.0	0.0	0.0	3.0	25.0	10.0	0.0	2.0	
21	0.0	0.0	0.0	0.0	42.0	0.0	0.0	2.0	0.0	0.0	3.0	0.0	
22	0.0	0.0	0.0	23.0	0.0	0.0	0.0	16.0	0.0	0.0	9.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	10.0	1.5	0.0	0.0	0.0	0.0	11.0	0.0	4.0	0.0	
27	0.0	3.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	12.0	5.0	0.0	
28	0.0	2.0	0.0	0.0	0.0	4.0	3.5	1.0	0.0	0.0	7.0	0.0	
29	0.0	0.0	0.0	19.0	8.0	5.0	0.0	0.0	0.0	13.0	0.0	0.0	
30	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	24.0	0.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	66.0	49.0	155.0	168.5	165.0	77.0	6.0	54.5	122.0	142.0	190.0	118.0	1308.0
DIAS LLUVIA	5	7	12	14	13	7	1	10	10	12	13	8	112

PUESTO: COCAL
AÑO: 1991

DPTO: SANTANDER
MPIO: RIONEGRO

LATITUD: 07° 16'N LONGITUD: 73° 09'W
ALTITUD: 700 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	6.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	29.0	0.0	4.0	0.0	20.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	
4	0.0	0.0	25.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	5.0	0.0	0.0	7.0	0.0	0.0	23.0	0.0	
6	30.0	0.0	33.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	20.0	0.0	
7	18.0	6.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
8	0.0	0.0	15.0	0.0	0.0	0.0	0.0	5.0	4.0	0.0	0.0	0.0	
9	0.0	24.0	0.0	5.0	0.0	3.0	8.0	0.0	0.0	0.0	21.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	20.0	0.0	
11	0.0	0.0	5.0	0.0	5.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	10.0	13.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	
13	0.0	0.0	0.0	11.0	0.0	0.0	0.0	5.0	0.0	7.0	8.0	22.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	5.0	
15	0.0	35.0	0.0	0.0	8.0	0.0	0.0	0.0	5.0	0.0	10.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	29.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	15.0	4.0	0.0	0.0	0.0	0.0	10.0	0.0	
20	0.0	0.0	0.0	17.0	30.0	0.0	0.0	4.0	20.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	6.0	0.0	0.0	0.0	19.0	25.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	9.0	15.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
29	0.0	0.0	0.0	14.0	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	6.0	1.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	8.0	0.0	0.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	94.0	94.0	108.0	130.0	113.0	20.0	42.0	78.0	86.0	47.0	161.0	27.0	ANUAL
DIAS LLUVIA	5	4	8	10	7	4	3	8	6	6	12	2	1000.0
													75

PUESTO: LOS COCOS
AÑO: 1991

DPTO: SANTANDER
MPIO: RIONEGRO

LATITUD: 07° 14'N LONGITUD: 73° 07'W
ALTITUD: 1300 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	12.0	0.0	0.0	3.0	3.0	31.0	3.0	18.0	0.0	0.0	0.0	0.0	
3	18.0	0.0	21.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	15.0	0.0	0.0	0.0	10.0	0.0	0.0	4.0	70.0	0.0	0.0	0.0	
5	0.0	0.0	15.0	0.0	54.0	11.0	0.0	3.0	0.0	7.0	13.0	0.0	
6	0.0	0.0	7.0	0.0	0.0	1.0	0.0	0.0	0.0	6.0	0.0	0.0	
7	70.0	0.0	58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	
8	40.0	0.0	4.0	31.0	0.0	0.0	0.0	0.0	0.0	80.0	5.0	0.0	
9	0.0	7.0	25.0	3.0	0.0	0.0	4.0	0.0	0.0	8.0	17.0	0.0	
10	8.0	2.0	0.0	10.0	6.0	0.0	0.0	2.0	12.0	4.0	24.0	3.0	
11	6.0	0.0	5.0	19.0	7.0	0.0	0.0	0.0	0.0	3.0	9.0	0.0	
12	0.0	0.0	5.0	4.0	14.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	
13	0.0	0.0	2.0	5.0	0.0	0.0	0.0	17.0	0.0	8.0	3.0	0.0	
14	3.0	0.0	12.0	3.0	0.0	7.0	9.0	0.0	0.0	0.0	24.0	28.0	
15	0.0	0.0	0.0	8.0	0.0	5.0	0.0	0.0	0.0	0.0	17.0	8.0	
16	0.0	26.0	0.0	0.0	6.0	0.0	8.0	0.0	8.0	34.0	0.0	0.0	
17	0.0	3.0	0.0	0.0	3.0	0.0	0.0	0.0	45.0	0.0	30.0	16.0	
18	4.0	0.0	0.0	18.0	0.0	3.0	0.0	0.0	12.0	6.0	0.0	0.0	
19	0.0	15.0	0.0	0.0	2.0	0.0	0.0	8.0	0.0	8.0	0.0	1.0	
20	0.0	0.0	0.0	0.0	8.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	29.0	3.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	1.0	20.0	18.0	0.0	1.0	18.0	0.0	0.0	0.0	
23	0.0	1.0	0.0	10.0	10.0	0.0	0.0	22.0	7.0	0.0	0.0	0.0	
24	0.0	0.0	9.0	0.0	0.0	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	0.0	0.0	16.0	0.0	9.0	0.0	
26	0.0	1.0	0.0	4.0	0.0	5.0	0.0	0.0	10.0	0.0	12.0	0.0	
27	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	13.0	9.0	3.0	0.0	
28	0.0	0.0	0.0	4.0	0.0	0.0	3.0	17.0	0.0	3.0	17.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	22.0	0.0	
30	0.0	0.0	0.0	1.0	0.0	8.0	0.0	0.0	0.0	16.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	2.0	2.0	0.0	0.0	
	0.0	0.0	60.0	0.0	0.0	0.0	46.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	176.0	55.0	223.0	172.0	146.0	89.0	75.0	100.0	263.0	233.0	205.0	57.0	ANUAL
DIAS LLUVIA	9	7	12	18	13	9	7	11	13	16	14	6	1794.0
													135

PUESTO: CRYLAN
AÑO: 1991

DPTO: SANTANDER
MPIO: BUCARAMANGA

LATITUD: 07° 11'N LONGITUD: 73° 07'W
ALTITUD : 1300 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	3.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	35.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	
3	10.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	
4	0.0	0.0	3.0	0.0	37.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
6	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	5.0	52.0	0.0	0.0	
7	10.0	11.0	3.0	0.0	0.0	2.0	0.0	2.0	0.0	0.0	0.0	10.0	
8	0.0	5.0	14.0	12.0	10.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	
9	0.0	5.0	0.0	18.0	0.0	0.0	0.0	0.0	10.0	0.0	3.0	0.0	
10	0.0	0.0	3.0	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	9.0	18.0	0.0	0.0	0.0	10.0	3.0	0.0	
12	0.0	4.0	5.0	5.0	0.0	0.0	25.0	0.0	0.0	0.0	12.0	0.0	
13	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	
14	0.0	0.0	0.0	10.0	0.0	0.0	5.0	0.0	0.0	40.0	0.0	0.0	
15	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0	0.0	
16	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	5.0	65.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	
20	10.0	0.0	0.0	3.0	19.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	12.0	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	5.0	0.0	0.0	29.0	10.0	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	23.0	0.0	
24	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	0.0	17.0	0.0	
27	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
28	0.0	0.0	0.0	0.0	3.0	8.0	0.0	0.0	5.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	14.0	0.0	0.0	
30	0.0	0.0	7.0	7.0	0.0	7.0	12.0	0.0	2.0	0.0	0.0	0.0	
31	0.0	0.0	33.0	0.0	6.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	65.0	30.0	93.0	87.0	157.0	35.0	69.0	73.0	108.0	142.0	197.0	0.0	ANUAL
DIAS LLUVIA	4	5	11	12	9	4	5	6	10	7	12		

PUESTO: MIPORAL
AÑO: 1991

DPTO: SANTANDER
MPIO: FLORIDABLANCA

LATITUD: 07° 05'N LONGITUD: 73° 04'W
ALTITUD : 1200 m.

DIA	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	
2					0.0	0.0	6.0	0.0	5.0	0.0	0.0	5.0	
3					4.0	0.0	9.0	12.0	18.0	0.0	15.0	0.0	
4					40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5					5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	
6					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7					0.0	0.0	0.0	0.0	0.0	21.0	8.0	0.0	
8					0.0	0.0	8.0	5.0	15.0	0.0	0.0	0.0	
9					0.0	3.0	0.0	0.0	0.0	0.0	5.0	0.0	
10					0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	
11					12.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
12					0.0	21.0	0.0	0.0	0.0	0.0	0.0	10.0	
13					0.0	11.0	0.0	0.0	0.0	0.0	37.0	12.0	
14					14.0	0.0	0.0	0.0	0.0	0.0	34.0	15.0	
15					0.0	0.0	16.0	0.0	17.0	81.0	0.0	0.0	
16					6.0	9.0	20.0	0.0	0.0	0.0	0.0	18.0	
17					0.0	0.0	32.0	8.0	0.0	0.0	0.0	0.0	
18					18.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	
19					0.0	0.0	0.0	49.0	0.0	0.0	0.0	0.0	
20					14.0	27.0	18.0	5.0	0.0	0.0	0.0	0.0	
21					0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	
22					25.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	
23					0.0	0.0	10.0	5.0	21.0	0.0	0.0	0.0	
24					0.0	7.0	19.0	0.0	20.0	0.0	32.0	0.0	
25					0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	
26					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27					0.0	0.0	5.0	4.0	12.0	0.0	0.0	0.0	
28					17.0	10.0	6.0	0.0	0.0	0.0	30.0	0.0	
29					0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	
30					7.0	0.0	4.0	0.0	0.0	0.0	4.0	0.0	
31					10.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	
TOTAL					172.0	101.0	185.0	99.0	108.0	125.0	165.0	66.0	ANUAL
DIAS LLUVIA					12	9	15	9	7	4	8	6	

PUESTO: LA LOMA
AÑO: 1991

DPTO: SANTANDER LATITUD: 07° 04'N LONGITUD: 73° 04'W
MPIO: FLORIDABLANCA ALTITUD: 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0		11.0	6.0	2.0	2.0	8.0	0.0	0.0	0.0	0.0	
2	4.0	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	8.0	0.0	24.0	0.0	6.0	0.0	0.0	0.0	
4	0.0	2.0		0.0	42.0	0.0	20.0	8.0	4.0	0.0	0.0	0.0	
5	0.0	0.0		0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	50.0	0.0		0.0	20.0	2.0	0.0	0.0	2.0	0.0	0.0	0.0	
7	0.0	0.0		0.0	0.0	0.0	0.0	2.0	0.0	34.0	0.0	0.0	
8	0.0	0.0		2.0	0.0	0.0	0.0	8.0	6.0	0.0	8.0	0.0	
9	0.0	1.0		0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	
10	0.0	10.0		12.0	0.0	4.0	0.0	0.0	0.0	3.0	0.0	0.0	
11	0.0	0.0		0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	1.0	0.0		10.0	0.0	1.0	0.0	0.0	0.0	10.0	8.0	10.0	
13	0.0	0.0		0.0	0.0	20.0	1.0	6.0	0.0	0.0	0.0	0.0	
14	0.0	0.0		0.0	0.0	2.0	0.0	0.0	4.0	0.0	20.0	8.0	
15	0.0	0.0		0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0		16.0	0.0	2.0	8.0	0.0	18.0	0.0	0.0	11.0	
17	0.0	0.0		0.0	10.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0		0.0	0.0	0.0	48.0	5.0	0.0	0.0	10.0	0.0	
19	0.0	0.0		0.0	26.0	6.0	0.0	2.0	0.0	0.0	0.0	0.0	
20	1.0	6.0		0.0	2.0	0.0	0.0	12.0	2.0	0.0	5.0	0.0	
21	0.0	0.0		8.0	16.0	20.0	8.0	4.0	3.0	0.0	0.0	0.0	
22	0.0	0.0		0.0	0.0	0.0	0.0	34.0	2.0	0.0	0.0	0.0	
23	0.0	0.0		0.0	4.0	0.0	1.0	0.0	10.0	0.0	0.0	0.0	
24	0.0	0.0		0.0	0.0	2.0	3.0	14.0	3.0	0.0	0.0	0.0	
25	0.0	3.0		0.0	0.0	3.0	20.0	0.0	4.0	0.0	15.0	0.0	
26	0.0	0.0		0.0	0.0	6.0	0.0	0.0	2.0	10.0	0.0	0.0	
27	0.0	0.0		0.0	0.0	0.0	4.0	4.0	0.0	0.0	0.0	0.0	
28	0.0	0.0		0.0	0.0	0.0	0.0	0.0	6.0	0.0	10.0	0.0	
29	0.0	0.0		0.0	8.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	
30	0.0	0.0		2.0	2.0	0.0	20.0	0.0	0.0	0.0	4.0	0.0	
31	0.0	0.0			22.0		4.0	4.0		5.0		0.0	
TOTAL	56.0	22.0		61.0	192.0	78.0	165.0	116.0	72.0	63.0	80.0	32.0	ANUAL
DIAS LLUVIA	4	5		7	14	14	14	15	14	5	8	4	

PUESTO: CASA DE TEJA
AÑO: 1991

DPTO: SANTANDER LATITUD: 06° 55'N LONGITUD: 73° 27'W
MPIO: SAN VICENTE ALTITUD: 960 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	8.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	5.0	0.0	16.0	
2	0.0	0.0	0.0	0.0	0.0		0.0	0.0	4.0	24.0	0.0	0.0	
3	0.0	0.0	74.0	0.0	40.0		0.0	0.0	0.0	0.0	0.0	1.0	
4	0.0	0.0	81.0	25.0	0.0		0.0	0.0	3.0	5.0	10.0	0.0	
5	0.0	0.0	0.0	0.0	0.0		0.0	0.0	9.0	0.0	0.0	23.0	
6	0.0	0.0	0.0	0.0	30.0		0.0	0.0	5.0	0.0	14.0	0.0	
7	0.0	0.0	72.0	0.0	0.0		0.0	5.0	0.0	46.0	8.0	0.0	
8	0.0	0.0	15.0	73.0	0.0		0.0	4.0	0.0	0.0	0.0	0.0	
9	0.0	28.0	0.0	0.0	0.0		0.0	0.0	30.0	0.0	0.0	0.0	
10	0.0	0.0	54.0	5.0	0.0		0.0	0.0	0.0	7.0	33.0	0.0	
11	0.0	8.0	0.0	0.0	70.0		8.0	0.0	0.0	0.0	15.0	0.0	
12	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	2.0	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		3.0	0.0	0.0	8.0	20.0	0.0	
15	0.0	58.0	0.0	33.0	5.0		0.0	0.0	0.0	0.0	12.0	2.0	
16	0.0	0.0	0.0	0.0	3.0		0.0	1.0	0.0	2.0	0.0	0.0	
17	0.0	0.0	8.0	0.0	0.0		0.0	0.0	67.0	0.0	14.0	0.0	
18	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	17.0	0.0	15.0	
19	0.0	0.0	0.0	0.0	15.0		0.0	2.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	7.0	0.0		0.0	0.0	14.0	0.0	49.0	0.0	
21	0.0	0.0	0.0	54.0	0.0		0.0	0.0	0.0	0.0	0.0	3.0	
22	0.0	0.0	0.0	0.0	0.0		0.0	8.0	9.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	2.0	0.0		0.0	0.0	8.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0		23.0	0.0	0.0	0.0	50.0	0.0	
25	0.0	5.0	0.0	0.0	8.0		0.0	0.0	76.0	0.0	0.0	0.0	
26	0.0	0.0	27.0	0.0	0.0		0.0	1.0	15.0	15.0	0.0	5.0	
27	0.0	0.0	0.0	33.0	0.0		0.0	0.0	0.0	0.0	4.0	0.0	
28	0.0	0.0	0.0	0.0	0.0		3.0	0.0	10.0	4.0	2.0	0.0	
29	0.0	0.0	0.0	0.0	0.0		8.0	0.0	11.0	9.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.0		4.0	0.0	8.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0		2.0	0.0		0.0		0.0	
TOTAL	8.0	99.0	331.0	234.0	171.0		51.0	21.0	275.0	142.0	231.0	65.0	ANUAL
DIAS LLUVIA	1	4	7	9	7		7	6	15	11	12	7	

PUESTO: CHOCHOS
AÑO: 1991

DPTO: SANTANDER
MPIO: HATO

LATITUD: 06° 33'N LONGITUD: 73° 19'W
ALTITUD : 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	4.0	0.0	0.0						0.0	34.0	13.0	0.0	
2	0.0	0.0	0.0						10.0	2.0	0.0	0.0	
3	0.0	0.0	0.0						50.0	0.0	0.0	0.0	
4	0.0	0.0	4.0						20.0	0.0	7.0	2.0	
5	5.0	0.0	12.0						0.0	0.0	0.0	13.0	
6	0.0	0.0	0.0						25.0	0.0	0.0	0.0	
7	11.0	0.0	16.0						0.0	0.0	0.0	0.0	
8	0.0	0.0	6.0						3.0	43.0	0.0	0.0	
9	0.0	0.0	2.0						18.0	29.0	47.0	1.0	
10	8.0	0.0	0.0						0.0	34.0	0.0	2.0	
11	0.0	0.0	40.0						0.0	4.0	0.0	0.0	
12	1.0	0.0	0.0						0.0	0.0	33.0	11.0	
13	0.0	0.0	0.0						20.0	0.0	10.0	0.0	
14	0.0	18.0	1.0						0.0	0.0	4.0	0.0	
15	25.0	3.0	2.0						27.0	15.0	0.0	0.0	
16	0.0	0.0	0.0						0.0	0.0	0.0	0.0	
17	0.0	8.0	0.0						47.0	8.0	0.0	5.0	
18	0.0	0.0	0.0						4.0	4.0	5.0	21.0	
19	0.0	0.0	0.0						0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0						10.0	0.0	47.0	0.0	
21	0.0	0.0	0.0						0.0	0.0	2.0	0.0	
22	0.0	0.0	22.0						3.0	14.0	0.0	0.0	
23	0.0	0.0	0.0						27.0	0.0	0.0	0.0	
24	0.0	0.0	0.0						3.0	0.0	16.0	0.0	
25	0.0	2.0	0.0						0.0	33.0	0.0	0.0	
26	0.0	0.0	0.0						23.0	6.0	3.0	0.0	
27	0.0	0.0	6.0						7.0	14.0	7.0	0.0	
28	0.0	0.0	0.0						55.0	0.0	8.0	0.0	
29	0.0	0.0	0.0						0.0	17.0	0.0	0.0	
30	0.0	0.0	0.0						4.0	2.0	0.0	0.0	
31	0.0	0.0	0.0							0.0		0.0	
TOTAL	54.0	31.0	111.0						356.0	264.0	202.0	55.0	ANUAL
DIAS LLUVIA	6	4	10						18	15	13	7	

PUESTO: LA LAGUNA
AÑO: 1991

DPTO: SANTANDER
MPIO: PARAMO

LATITUD: 06° 30'N LONGITUD: 73° 09'W
ALTITUD : 1550 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	0.0	0.0	0.0	6.0	12.0	25.0	30.0	5.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	22.0	8.0	15.0	5.0	40.0	12.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	18.0	5.0	18.0	0.0	35.0	0.0	5.0	0.0	
4	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	55.0	0.0	0.0	0.0	
5	0.0	0.0	5.0	10.0	10.0	33.0	8.0	0.0	0.0	5.0	20.0	0.0	
6	0.0	0.0	38.0	15.0	0.0	5.0	12.0	5.0	0.0	65.0	6.0	0.0	
7	0.0	0.0	5.0	0.0	5.0	0.0	5.0	10.0	0.0	0.0	60.0	0.0	
8	0.0	0.0	10.0	0.0	0.0	0.0	6.0	15.0	60.0	20.0	12.0	0.0	
9	0.0	0.0	6.0	32.0	8.0	0.0	0.0	0.0	0.0	22.0	7.0	5.0	
10	0.0	0.0	10.0	0.0	0.0	0.0	5.0	0.0	0.0	15.0	0.0	0.0	
11	0.0	0.0	15.0	0.0	10.0	25.0	0.0	0.0	0.0	20.0	20.0	0.0	
12	0.0	0.0	8.0	20.0	0.0	6.0	5.0	0.0	0.0	18.0	0.0	0.0	
13	0.0	0.0	5.0	10.0	5.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	20.0	6.0	0.0	15.0	25.0	0.0	0.0	
15	0.0	0.0	0.0	8.0	8.0	18.0	0.0	0.0	65.0	5.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	25.0	15.0	8.0	32.0	5.0	0.0	0.0	8.0	
17	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	
19	0.0	0.0	0.0	9.0	45.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	10.0	110.0	0.0	10.0	12.0	8.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	8.0	10.0	10.0	12.0	0.0	0.0	15.0	0.0	0.0	
22	0.0	10.0	0.0	0.0	12.0	8.0	0.0	0.0	25.0	0.0	28.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
24	0.0	5.0	0.0	0.0	0.0	18.0	0.0	0.0	12.0	0.0	12.0	0.0	
25	0.0	5.0	29.0	0.0	0.0	20.0	0.0	0.0	0.0	40.0	5.0	0.0	
26	0.0	0.0	9.0	0.0	0.0	5.0	0.0	30.0	0.0	45.0	10.0	0.0	
27	0.0	0.0	0.0	25.0	8.0	10.0	10.0	0.0	0.0	12.0	0.0	0.0	
28	0.0	6.0	0.0	5.0	12.0	5.0	28.0	0.0	0.0	10.0	0.0	0.0	
29	0.0	0.0	9.0	0.0	10.0	15.0	15.0	0.0	5.0	12.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	25.0	10.0	30.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	10.0	0.0	32.0	0.0		0.0		0.0	
TOTAL	0.0	26.0	149.0	152.0	380.0	242.0	237.0	149.0	395.0	346.0	204.0	13.0	ANUAL
DIAS LLUVIA	0	4	12	11	20	19	18	9	14	17	12	2	138

PUESTO: LAS FLORES
AÑO: 1991

DPTO: SANTANDER
MPIO: PINCHOTE

LATITUD: 06° 29'N LONGITUD: 73° 11'W
ALTITUD : 1700 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	4.0	0.0	10.0	0.0	5.0	11.0	0.0	5.0	4.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	17.0	9.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	20.0	0.0	11.0	0.0	20.0	0.0	0.0	0.0	
4	0.0	0.0	5.0	0.0	10.0	7.0	9.0	2.0	32.0	5.0	0.0	0.0	
5	0.0	0.0	10.0	0.0	5.0	2.0	3.0	0.0	45.0	0.0	0.0	0.0	
6	0.0	0.0	1.0	2.0	1.0	45.0	4.0	0.0	0.0	0.0	0.0	0.0	
7	1.0	0.0	6.0	0.0	0.0	0.0	0.0	3.0	0.0	30.0	0.0	0.0	
8	0.0	0.0	0.0	1.0	10.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	
9	0.0	0.0	4.0	0.0	9.0	0.0	0.0	5.0	20.0	8.0	5.0	0.0	
10	0.0	0.0	11.0	24.0	7.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	
11	0.0	0.0	3.0	0.0	0.0	23.0	0.0	0.0	0.0	2.0	0.0	0.0	
12	0.0	0.0	0.0	7.0	5.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	
13	0.0	0.0	8.0	4.0	20.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	
14	0.0	2.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	2.0	0.0	
15	1.0	0.0	0.0	0.0	0.0	55.0	5.0	0.0	18.0	17.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	15.0	4.0	0.0	0.0	2.0	0.0	0.0	
17	0.0	1.0	0.0	0.0	31.0	18.0	0.0	14.0	0.0	2.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	17.0	0.0	32.0	5.0	5.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	11.0	39.0	0.0	0.0	7.0	0.0	5.0	0.0	0.0	
22	0.0	2.0	0.0	4.0	2.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	8.0	5.0	0.0	8.0	0.0	9.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	
25	0.0	1.0	0.0	0.0	0.0	5.0	0.0	4.0	0.0	0.0	10.0	0.0	
26	0.0	1.0	25.0	0.0	0.0	3.0	0.0	0.0	8.0	8.0	2.0	0.0	
27	0.0	0.0	4.0	12.0	0.0	9.0	2.0	12.0	1.0	14.0	5.0	0.0	
28	0.0	0.0	0.0	37.0	8.0	0.0	11.0	0.0	0.0	0.0	5.0	0.0	
29	0.0	0.0	0.0	1.0	9.0	0.0	21.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	2.0	5.0	0.0	14.0	0.0	0.0	6.0	0.0	0.0	
31	0.0	0.0	2.0	0.0	9.0	0.0	18.0	4.0	0.0	0.0	0.0	0.0	
TOTAL	2.0	7.0	87.0	112.0	238.0	182.0	169.0	111.0	175.0	135.0	89.0	0.0	1307.0
DIAS LLUVIA	2	5	12	12	20	10	16	13	10	15	9	0	124

PUESTO: VILLANUEVA
AÑO: 1991

DPTO: SANTANDER
MPIO: CHARALA

LATITUD: 06° 16'N LONGITUD: 73° 10'W
ALTITUD : 1450 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	4.0	12.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	12.0	6.0	0.0	0.0	10.0	1.0	
3	0.0	0.0	48.0	0.0	58.0	8.0	5.0	0.0	0.0	12.0	0.0	4.0	
4	0.0	12.0	0.0	0.0	0.0	0.0	2.0	0.0	20.0	6.0	18.0	2.0	
5	0.0	0.0	8.0	0.0	16.0	22.0	0.0	2.0	0.0	92.0	24.0	8.0	
6	0.0	0.0	0.0	42.0	42.0	0.0	6.0	0.0	10.0	44.0	4.0	0.0	
7	0.0	0.0	61.0	0.0	0.0	8.0	0.0	0.0	12.0	8.0	12.0	0.0	
8	0.0	22.0	54.0	48.0	8.0	0.0	0.0	6.0	22.0	2.0	78.0	0.0	
9	0.0	0.0	0.0	0.0	22.0	36.0	0.0	0.0	0.0	0.0	66.0	0.0	
10	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	46.0	0.0	
11	0.0	8.0	0.0	0.0	0.0	13.0	0.0	0.0	10.0	0.0	16.0	0.0	
12	0.0	36.0	0.0	0.0	12.0	0.0	8.0	0.0	18.0	0.0	8.0	0.0	
13	0.0	0.0	6.0	26.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	52.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	12.0	0.0	12.0	6.0	0.0	0.0	12.0	36.0	4.0	26.0	0.0	
16	0.0	0.0	0.0	4.0	22.0	0.0	0.0	0.0	0.0	42.0	12.0	0.0	
17	0.0	14.0	0.0	0.0	10.0	22.0	0.0	0.0	0.0	0.0	34.0	0.0	
18	0.0	0.0	0.0	22.0	0.0	16.0	4.0	0.0	22.0	0.0	18.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	12.0	12.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	22.0	8.0	0.0	8.0	0.0	8.0	16.0	0.0	45.0	0.0	
22	0.0	42.0	0.0	0.0	46.0	36.0	5.0	0.0	18.0	0.0	16.0	0.0	
23	0.0	0.0	0.0	38.0	12.0	0.0	0.0	0.0	44.0	0.0	28.0	0.0	
24	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	16.0	10.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	6.0	0.0	
26	0.0	0.0	8.0	42.0	32.0	0.0	2.0	0.0	10.0	0.0	8.0	0.0	
27	0.0	12.0	18.0	4.0	8.0	18.0	0.0	0.0	16.0	22.0	54.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	16.0	22.0	0.0	
29	0.0	0.0	0.0	64.0	6.0	12.0	0.0	8.0	8.0	0.0	16.0	0.0	
30	0.0	0.0	0.0	2.0	0.0	8.0	0.0	22.0	2.0	8.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	52.0	158.0	265.0	312.0	324.0	220.0	82.0	62.0	346.0	302.0	590.0	15.0	2728.0
DIAS LLUVIA	1	8	10	12	16	13	10	7	19	15	24	4	139

PUESTO: SEVILLA
AÑO: 1991

DPTO: SANTANDER
MPIO: GUADALUPE

LATITUD: 06° 15'N LONGITUD: 73° 22'W
ALTITUD : 1390 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	0.0	0.0	15.0	0.0	9.0	20.0	0.0	38.0	5.0	15.0	
2	0.0	0.0	31.0	0.0	50.0	0.0	27.0	0.0	0.0	50.0	20.0	0.0	
3	0.0	0.0	6.0	0.0	50.0	6.0	25.0	0.0	0.0	49.0	15.0	10.0	
4	0.0	0.0	5.0	0.0	25.0	50.0	10.0	0.0	0.0	87.0	13.0	9.0	
5	15.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	2.0	0.0	
6	0.0	0.0	0.0	0.0	1.0	42.0	45.0	2.0	0.0	20.0	3.0	0.0	
7	0.0	0.0	0.0	1.0	0.0	6.0	0.0	9.0	0.0	53.0	50.0	30.0	
8	30.0	0.0	10.0	20.0	0.0	10.0	0.0	3.0	0.0	20.0	22.0	0.0	
9	0.0	0.0	0.0	70.0	7.0	9.0	0.0	34.0	0.0	46.0	20.0	0.0	
10	0.0	0.0	20.0	21.0	6.0	13.0	0.0	0.0	0.0	10.0	15.0	0.0	
11	0.0	5.0	6.0	0.0	1.0	1.0	18.0	0.0	0.0	30.0	0.0	0.0	
12	0.0	0.0	40.0	15.0	4.0	34.0	7.0	0.0	0.0	0.0	35.0	0.0	
13	0.0	0.0	0.0	10.0	9.0	2.0	1.0	6.0	15.0	10.0	16.0	0.0	
14	0.0	40.0	0.0	0.0	3.0	18.0	2.0	40.0	10.0	0.0	28.0	0.0	
15	15.0	0.0	0.0	0.0	10.0	0.0	4.0	0.0	11.0	0.0	40.0	0.0	
16	0.0	0.0	0.0	0.0	2.0	20.0	0.0	15.0	5.0	0.0	45.0	10.0	
17	0.0	0.0	0.0	0.0	6.0	8.0	6.0	12.0	14.0	0.0	1.0	10.0	
18	0.0	5.0	0.0	0.0	30.0	6.0	30.0	0.0	0.0	0.0	17.0	0.0	
19	0.0	0.0	0.0	70.0	20.0	0.0	2.0	5.0	0.0	9.0	10.0	0.0	
20	0.0	1.0	0.0	0.0	24.0	2.0	15.0	10.0	0.0	0.0	15.0	0.0	
21	0.0	0.0	0.0	5.0	13.0	0.0	0.0	0.0	4.0	0.0	10.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	20.0	0.0	
23	0.0	40.0	0.0	3.0	0.0	1.0	0.0	0.0	0.0	0.0	50.0	0.0	
24	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	3.0	1.0	40.0	0.0	
25	0.0	0.0	2.0	6.0	20.0	1.0	0.0	0.0	20.0	90.0	20.0	0.0	
26	0.0	0.0	0.0	0.0	6.0	5.0	0.0	0.0	5.0	65.0	10.0	0.0	
27	0.0	35.0	0.0	16.0	30.0	2.0	40.0	0.0	47.0	20.0	9.0	0.0	
28	0.0	0.0	0.0	3.0	50.0	30.0	20.0	0.0	22.0	30.0	20.0	0.0	
29	0.0	0.0	0.0	6.0	5.0	40.0	10.0	0.0	26.0	4.0	12.0	0.0	
30	0.0	0.0	0.0	3.0	10.0	15.0	8.0	0.0	0.0	0.0	2.0	0.0	
31	0.0	0.0	0.0		25.0		21.0	20.0		19.0		1.0	
TOTAL	60.0	126.0	121.0	249.0	422.0	326.0	300.0	176.0	182.0	653.0	565.0	85.0	3265.0
DIAS LLUVIA	3	6	9	14	25	23	19	12	12	20	29	7	179

PUESTO: CIELO ROTO
AÑO: 1991

DPTO: SANTANDER
MPIO: SUAITA

LATITUD: 06° 07'N LONGITUD: 73° 23'W
ALTITUD : 1540 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	0.0	0.0	10.0	7.0							
2	0.0	0.0	20.0	0.0	25.0	10.0							
3	0.0	0.0	0.0	0.0	18.0	18.0							
4	22.0	0.0	10.0	0.0	2.0	0.0							
5	0.0	0.0	0.0	10.0	13.0	12.0							
6	0.0	0.0	0.0	30.0	71.0	10.0							
7	10.0	0.0	0.0	10.0	25.0	0.0							
8	0.0	0.0	6.0	8.0	10.0	5.0							
9	0.0	0.0	15.0	15.0	8.0	0.0							
10	0.0	2.0	0.0	12.0	0.0	0.0							
11	0.0	39.0	18.0	7.0	42.0	0.0							
12	0.0	0.0	0.0	1.0	5.0	0.0							
13	0.0	0.0	0.0	0.0	14.0	15.0							
14	0.0	15.0	0.0	10.0	6.0	0.0							
15	27.0	0.0	30.0	48.0	0.0	0.0							
16	18.0	0.0	0.0	5.0	8.0	9.0							
17	2.0	2.0	0.0	0.0	22.0	12.0							
18	0.0	17.0	3.0	0.0	10.0	0.0							
19	0.0	0.0	0.0	4.0	17.0	0.0							
20	0.0	0.0	0.0	16.0	13.0	0.0							
21	0.0	0.0	0.0	2.0	24.0	5.0							
22	0.0	3.0	0.0	32.0	8.0	3.0							
23	0.0	8.0	2.0	16.0	2.0	8.0							
24	0.0	0.0	0.0	0.0	0.0	12.0							
25	0.0	15.0	0.0	0.0	0.0	0.0							
26	0.0	59.0	0.0	42.0	0.0	20.0							
27	6.0	0.0	0.0	25.0	10.0	0.0							
28	0.0	10.0	14.0	10.0	5.0	3.0							
29	0.0	0.0	0.0	8.0	0.0	10.0							
30	0.0	0.0	2.0	9.0	23.0	0.0							
31	0.0	0.0	0.0		0.0								
TOTAL	85.0	170.0	120.0	320.0	391.0	159.0							
DIAS LLUVIA	6	10	10	21	24	16							

PUESTO: LA CUMBRE
AÑO: 1991

DPTO: SANTANDER
MPIO: PUENTE NACIONAL

LATITUD: 05° 52'N LONGITUD: 73° 42'W
ALTITUD : 1850 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	1.0	0.0	0.0	3.0	10.0	23.0	22.0	0.0	0.0	20.0	25.0		
2	0.0	0.0	0.0	10.0	6.0	0.0	0.0	0.0	0.0	7.0	9.0		
3	5.0	0.0	0.0	15.0	0.0	0.0	7.0	0.0	0.0	15.0	8.0		
4	0.0	0.0	0.0	12.0	64.0	0.0	1.0	0.0	0.0	20.0	0.0		
5	0.0	0.0	11.0	9.0	3.0	0.0	25.0	30.0	0.0	27.0	50.0		
6	12.0	0.0	3.0	10.0	0.0	10.0	4.0	5.0	0.0	0.0	18.0		
7	0.0	0.0	15.0	0.0	0.0	20.0	0.0	7.0	0.0	17.0	7.0		
8	1.0	0.0	18.0	9.0	5.0	0.0	11.0	0.0	0.0	22.0	25.0		
9	0.0	0.0	15.0	0.0	0.0	0.0	0.0	10.0	0.0	12.0	5.0		
10	6.0	0.0	40.0	25.0	12.0	0.0	0.0	0.0	0.0	0.0	10.0		
11	9.0	0.0	37.0	28.0	10.0	0.0	0.0	0.0	0.0	5.0	17.0		
12	2.0	9.0	45.0	40.0	20.0	0.0	0.0	0.0	0.0	0.0	15.0		
13	0.0	8.0	3.0	0.0	7.0	0.0	0.0	0.0	20.0	0.0	18.0		
14	0.0	0.0	0.0	3.0	0.0	12.0	0.0	0.0	3.0	0.0	9.0		
15	4.0	12.0	0.0	17.0	0.0	15.0	0.0	0.0	10.0	0.0	12.0		
16	0.0	0.0	0.0	4.0	26.0	25.0	0.0	0.0	0.0	0.0	5.0		
17	0.0	0.0	0.0	30.0	15.0	1.0	0.0	0.0	20.0	12.0	3.0		
18	0.0	0.0	0.0	1.0	36.0	0.0	21.0	0.0	0.0	0.0	7.0		
19	4.0	0.0	0.0	0.0	28.0	21.0	11.0	0.0	1.0	10.0	12.0		
20	0.0	0.0	3.0	0.0	9.0	23.0	0.0	0.0	6.0	0.0	7.0		
21	0.0	0.0	0.0	11.0	15.0	5.0	0.0	0.0	23.0	0.0	10.0		
22	9.0	0.0	0.0	10.0	16.0	6.0	7.0	0.0	0.0	10.0	0.0		
23	3.0	11.0	0.0	2.0	10.0	0.0	0.0	0.0	0.0	0.0	8.0		
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	5.0		
25	0.0	0.0	0.0	5.0	8.0	6.0	0.0	0.0	13.0	0.0	10.0		
26	0.0	22.0	0.0	0.0	5.0	0.0	9.0	0.0	10.0	10.0	15.0		
27	8.0	24.0	6.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0		
28	0.0	0.0	0.0	3.0	0.0	1.0	15.0	0.0	20.0	16.0	0.0		
29	0.0		7.0	32.0	30.0	3.0	0.0	0.0	0.0	50.0	1.0		
30	0.0		0.0	43.0	11.0	5.0	42.0	0.0	10.0	0.0	0.0		
31	0.0		1.0		1.0		8.0	0.0		5.0			
TOTAL	64.0	86.0	204.0	322.0	347.0	176.0	183.0	52.0	141.0	269.0	311.0		ANUAL
DIAS LLUVIA	12	6	13	22	22	15	13	4	12	17	25		

PUESTO: LA MESA
AÑO: 1991

DPTO: TOLIMA
MPIO: MARIQUITA

LATITUD: 05° 11'N LONGITUD: 74° 53'W
ALTITUD : 1200 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	20.0	0.0	14.0	2.0	10.0	4.0	0.0	3.0	0.0	57.0	0.0	26.0	
2	0.0	0.0	0.0	0.0	0.0	9.0	0.0	5.0	0.0	1.0	19.0	20.0	
3	0.0	10.0	18.0	0.0	59.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	
4	0.0	0.0	7.0	42.0	25.0	0.0	0.0	0.0	0.0	1.0	17.0	27.0	
5	0.0	4.0	25.0	39.0	0.0	0.0	4.0	0.0	0.0	29.0	0.0	1.0	
6	0.0	0.0	6.0	0.0	0.0	0.0	34.0	0.0	0.0	40.0	6.0	1.0	
7	0.0	0.0	0.0	64.0	0.0	0.0	0.0	10.0	0.0	20.0	0.0	0.0	
8	0.0	0.0	1.0	36.0	0.0	0.0	7.0	53.0	0.0	33.0	61.0	122.0	
9	0.0	0.0	10.0	0.0	0.0	0.0	0.0	67.0	0.0	1.0	0.0	4.0	
10	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	
11	6.0	1.0	4.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	1.0	6.0	0.0	0.0	0.0	0.0	0.0	12.0	16.0	4.0	
13	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	32.0	
14	0.0	3.0	1.0	28.0	0.0	0.0	0.0	0.0	13.0	0.0	12.0	18.0	
15	5.0	4.0	0.0	0.0	26.0	17.0	0.0	0.0	3.0	0.0	2.0	5.0	
16	1.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	53.0	4.0	0.0	9.0	
17	0.0	1.0	0.0	1.0	35.0	0.0	0.0	0.0	28.0	9.0	42.0	0.0	
18	0.0	13.0	0.0	0.0	34.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	5.0	0.0	
20	3.0	24.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	55.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	23.0	
22	0.0	18.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	58.0	29.0	0.0	0.0	3.0	0.0	7.0	0.0	
24	0.0	0.0	12.0	0.0	0.0	7.0	0.0	0.0	4.0	19.0	16.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	64.0	3.0	15.0	0.0	3.0	0.0	0.0	0.0	
27	0.0	0.0	38.0	23.0	0.0	21.0	5.0	0.0	7.0	42.0	26.0	64.0	
28	10.0	0.0	0.0	1.0	0.0	65.0	3.0	0.0	15.0	0.0	0.0	113.0	
29	1.0		4.0	0.0	1.0	0.0	8.0	0.0	0.0	57.0	0.0	2.0	
30	0.0		1.0	80.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.0	
31	0.0		1.0		4.0		13.0	3.0		5.0		0.0	
TOTAL	46.0	78.0	174.0	322.0	348.0	161.0	89.0	141.0	206.0	331.0	341.0	479.0	ANUAL
DIAS LLUVIA	7	9	18	11	12	10	8	6	13	16	15	18	143

PUESTO: LA CIMARRONA
AÑO: 1991

DPTO: TOLIMA
MPIO: FRESNO

LATITUD: 05° 10' N LONGITUD: 75° 00' W
ALTITUD: 1400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	4.0	1.0	0.0	1.0	11.0	16.0	0.0						
2	25.0	19.0	8.0	7.0	0.0	7.0	0.0						
3	4.0	9.0	9.0	5.0	32.0	3.0	0.0						
4	8.0	28.0	15.0	3.0	0.0	4.0	2.0						
5	36.0	1.0	7.0	9.0	0.0	22.0	0.0						
6	0.0	7.0	0.0	4.0	5.0	4.0	5.0						
7	0.0	1.0	2.0	6.0	9.0	0.0	28.0						
8	5.0	3.0	1.0	7.0	6.0	3.0	0.0						
9	0.0	0.0	0.0	4.0	19.0	0.0	0.0						
10	1.0	1.0	3.0	3.0	11.0	0.0	0.0						
11	3.0	0.0	0.0	2.0	27.0	0.0	0.0						
12	0.0	0.0	0.0	8.0	4.0	2.0	0.0						
13	3.0	1.0	4.0	15.0	8.0	0.0	0.0						
14	0.0	0.0	0.0	2.0	3.0	3.0	0.0						
15	2.0	2.0	0.0	3.0	25.0	23.0	0.0						
16	0.0	0.0	0.0	0.0	33.0	0.0	0.0						
17	2.0	1.0	0.0	0.0	17.0	0.0	0.0						
18	0.0	0.0	1.0	0.0	21.0	0.0	0.0						
19	1.0	10.0	0.0	0.0	9.0	0.0	0.0						
20	2.0	0.0	0.0	0.0	2.0	16.0	0.0						
21	0.0	0.0	35.0	0.0	0.0	8.0	0.0						
22	0.0	0.0	5.0	0.0	3.0	0.0	0.0						
23	0.0	0.0	6.0	0.0	2.0	0.0	0.0						
24	0.0	0.0	13.0	0.0	0.0	4.0	0.0						
25	0.0	2.0	8.0	0.0	84.0	7.0	0.0						
26	0.0	0.0	1.0	42.0	0.0	0.0	0.0						
27	1.0	0.0	0.0	17.0	0.0	16.0	12.0						
28	0.0	3.0	0.0	5.0	43.0	0.0	18.0						
29	0.0		4.0	30.0	12.0	0.0	31.0						
30	0.0		4.0	9.0	3.0	5.0	11.0						
31	12.0		2.0		20.0		0.0						
TOTAL	109.0	89.0	133.0	220.0	366.0	161.0	100.0						ANUAL
DIAS LLUVIA	15	15	19	20	23	17	7						

PUESTO: PALOCABILDO
AÑO: 1991

DPTO: TOLIMA
MPIO: FALAN

LATITUD: 05° 08' N LONGITUD: 74° 53' W
ALTITUD: 1500 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	35.0	39.0	0.0	2.0	20.0	0.0	0.0	10.0	0.0	30.0	0.0	20.0	
2	7.0	0.0	20.0	1.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	55.0	
3	65.0	42.0	14.0	29.0	75.0	0.0	0.0	0.0	0.0	25.0	10.0	0.0	
4	3.0	3.0	7.0	5.0	5.0	5.0	5.0	0.0	0.0	0.0	5.0	5.0	
5	1.0	20.0	30.0	50.0	5.0	5.0	5.0	0.0	5.0	5.0	5.0	0.0	
6	6.0	0.0	16.0	0.0	0.0	28.0	10.0	0.0	40.0	0.0	10.0	25.0	
7	0.0	19.0	3.0	10.0	0.0	0.0	0.0	5.0	0.0	45.0	0.0	5.0	
8	0.0	15.0	0.0	30.0	0.0	0.0	0.0	20.0	0.0	30.0	100.0	30.0	
9	0.0	0.0	22.0	3.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	20.0	
10	0.0	0.0	3.0	6.0	15.0	0.0	0.0	30.0	0.0	0.0	0.0	5.0	
11	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	11.0	2.0	10.0	2.0	65.0	0.0	0.0	0.0	0.0	10.0	60.0	5.0	
13	0.0	0.0	5.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	135.0	15.0	
14	2.0	2.0	0.0	35.0	0.0	30.0	0.0	0.0	0.0	0.0	20.0	15.0	
15	0.0	5.0	0.0	0.0	0.0	65.0	0.0	0.0	15.0	0.0	0.0	5.0	
16	0.0	0.0	10.0	1.0	15.0	0.0	0.0	0.0	30.0	5.0	0.0	0.0	
17	0.0	0.0	0.0	3.0	60.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	
18	4.0	0.0	0.0	7.0	25.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
19	0.0	1.0	0.0	0.0	20.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	
20	0.0	32.0	0.0	0.0	5.0	20.0	0.0	0.0	10.0	0.0	30.0	10.0	
21	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	15.0	0.0	0.0	5.0	
22	0.0	5.0	56.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	5.0	0.0	
23	0.0	0.0	33.0	0.0	0.0	50.0	0.0	0.0	10.0	0.0	20.0	0.0	
24	0.0	0.0	2.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	
25	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	
26	0.0	4.0	3.0	0.0	80.0	40.0	0.0	0.0	50.0	0.0	0.0	0.0	
27	0.0	0.0	10.0	18.0	0.0	0.0	0.0	0.0	5.0	0.0	20.0	80.0	
28	0.0	2.0	1.0	3.0	0.0	25.0	10.0	0.0	35.0	0.0	0.0	25.0	
29	0.0		0.0	0.0	0.0	30.0	4.0	0.0	0.0	30.0	0.0	0.0	
30	0.0		2.0	70.0	20.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	
31	0.0		0.0		0.0		5.0	0.0		0.0		0.0	
TOTAL	134.0	191.0	251.0	278.0	430.0	393.0	45.0	65.0	235.0	295.0	430.0	335.0	ANUAL
DIAS LLUVIA	9	14	19	18	16	12	7	4	12	11	13	17	152

PUESTO: LA DANTA
AÑO: 1991

DPTO: TOLIMA
MPIO: CASABIANCA

LATITUD: 05° 06'N LONGITUD: 75° 06'W
ALTITUD : 1700 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	14.0	15.0	11.0	0.0	15.0	0.0	2.0	0.0	0.0	
2	10.0	0.0	0.0	0.0	30.0	3.0	0.0	1.0	0.0	0.0	10.0	20.0	
3	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	
4	0.0	10.0	0.0	0.0	20.0	37.0	1.0	0.0	0.0	1.0	0.0	10.0	
5	0.0	20.0	10.0	12.0	10.0	0.0	8.0	0.0	0.0	0.0	11.0	8.0	
6	0.0	0.0	16.0	15.0	0.0	18.0	4.0	0.0	0.0	11.0	5.0	0.0	
7	0.0	21.0	10.0	0.0	10.0	0.0	0.0	10.0	0.0	20.0	7.0	3.0	
8	11.0	1.0	1.0	3.0	3.0	0.0	7.0	44.0	0.0	11.0	3.0	0.0	
9	0.0	54.0	3.0	0.0	0.0	0.0	0.0	15.0	0.0	40.0	2.0	5.0	
10	1.0	3.0	0.0	10.0	25.0	0.0	0.0	0.0	0.0	2.0	0.0	18.0	
11	0.0	2.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	
12	0.0	1.0	10.0	0.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
13	10.0	5.0	80.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	
14	0.0	10.0	11.0	17.0	14.0	18.0	0.0	0.0	0.0	0.0	0.0	22.0	
15	0.0	0.0	60.0	32.0	10.0	36.0	0.0	0.0	31.0	0.0	0.0	4.0	
16	30.0	18.0	20.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	0.0	12.0	
17	22.0	2.0	0.0	10.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	10.0	15.0	0.0	0.0	3.0	0.0	1.0	0.0	23.0	0.0	7.0	0.0	
19	12.0	10.0	0.0	17.0	10.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	
20	0.0	16.0	0.0	5.0	0.0	8.0	1.0	0.0	7.0	0.0	0.0	0.0	
21	0.0	0.0	1.0	12.0	43.0	0.0	0.0	0.0	2.0	0.0	12.0	0.0	
22	0.0	0.0	3.0	0.0	51.0	17.0	0.0	0.0	4.0	0.0	0.0	0.0	
23	0.0	10.0	30.0	0.0	15.0	10.0	0.0	0.0	3.0	0.0	57.0	3.0	
24	0.0	25.0	10.0	5.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	11.0	39.0	2.0	0.0	0.0	0.0	58.0	19.0	0.0	58.0	
26	0.0	0.0	0.0	10.0	3.0	1.0	0.0	0.0	0.0	0.0	19.0	2.0	
27	0.0	3.0	0.0	0.0	0.0	34.0	0.0	0.0	10.0	13.0	3.0	0.0	
28	23.0	2.0	1.0	15.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	40.0	7.0	0.0	12.0	0.0	0.0	0.0	21.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	7.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	2.0	0.0	0.0	.5	0.0	0.0	0.0	0.0	
TOTAL	129.0	253.0	337.0	223.0	394.0	206.0	38.0	85.5	188.0	153.0	157.0	179.0	ANUAL
DIAS LLUVIA	9	20	18	16	22	13	7	6	10	11	13	14	2342.5
													159

PUESTO: EL EDEN
AÑO: 1991

DPTO: TOLIMA
MPIO: LIBANO

LATITUD: 04° 58'N LONGITUD: 75° 00'W
ALTITUD : 1350 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	4.0	0.0	0.0	0.0	8.0	34.0							
2	2.0	0.0	0.0	0.0	3.0	0.0							
3	29.0	14.0	0.0	23.0	77.0	0.0							
4	0.0	0.0	34.0	9.0	11.0	15.0							
5	0.0	18.0	0.0	8.0	0.0	0.0							
6	6.0	0.0	6.0	0.0	0.0	12.0							
7	0.0	25.0	0.0	0.0	0.0	0.0							
8	0.0	0.0	3.0	18.0	0.0	0.0							
9	0.0	0.0	4.0	12.0	0.0	0.0							
10	0.0	0.0	0.0	2.0	6.0	0.0							
11	0.0	7.0	0.0	0.0	0.0	0.0							
12	0.0	12.0	0.0	84.0	0.0	0.0							
13	0.0	0.0	32.0	0.0	0.0	0.0							
14	2.0	0.0	0.0	0.0	0.0	0.0							
15	0.0	11.0	0.0	0.0	0.0	31.0							
16	0.0	0.0	0.0	0.0	26.0	0.0							
17	0.0	0.0	0.0	21.0	20.0	0.0							
18	0.0	0.0	0.0	0.0	0.0	0.0							
19	0.0	0.0	0.0	0.0	63.0	0.0							
20	0.0	48.0	0.0	0.0	0.0	25.0							
21	0.0	0.0	65.0	0.0	0.0	0.0							
22	0.0	0.0	10.0	0.0	26.0	0.0							
23	0.0	0.0	0.0	0.0	0.0	15.0							
24	0.0	0.0	0.0	0.0	0.0	0.0							
25	0.0	0.0	20.0	0.0	38.0	0.0							
26	0.0	0.0	0.0	0.0	0.0	0.0							
27	0.0	13.0	0.0	70.0	0.0	0.0							
28	0.0	0.0	8.0	0.0	0.0	93.0							
29	0.0	0.0	0.0	14.0	0.0	0.0							
30	0.0	0.0	0.0	19.0	0.0	0.0							
31	0.0	0.0	9.0	0.0	0.0	0.0							
TOTAL	43.0	148.0	191.0	280.0	278.0	225.0							ANUAL
DIAS LLUVIA	5	8	10	11	10	7							

PUESTO: EL INCIENSAL
AÑO: 1991

DPTO: TOLIMA
MPIO: MURILLO

LATITUD: 04° 53'N LONGITUD: 75° 08'W
ALTITUD: 2400 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	0.0	0.0	0.0	0.0							
2	20.0	0.0	0.0	0.0	3.1	23.0							
3	18.0	0.0	21.8	10.0	22.1	0.0							
4	0.0	0.0	0.0	0.0	10.2	2.6							
5	0.0	10.3	6.1	36.2	0.0	6.2							
6	0.0	.4	7.0	10.0	0.0	3.1							
7	4.5	1.5	9.0	49.2	0.0	0.0							
8	5.0	0.0	3.2	0.0	0.0	0.0							
9	0.0	0.0	0.0	0.0	0.0	0.0							
10	0.0	0.0	0.0	4.9	10.2	0.0							
11	0.0	0.0	27.0	0.0	0.0	0.0							
12	0.0	30.9	23.0	8.2	4.5	0.0							
13	0.0	0.0	8.0	0.0	0.0	0.0							
14	0.0	.4	0.0	5.2	1.0	1.2							
15	0.0	1.7	24.0	4.9	0.0	6.1							
16	0.0	3.4	0.0	0.0	4.6	0.0							
17	0.0	3.6	0.0	10.0	57.0	0.0							
18	0.0	30.0	0.0	30.0	15.8	10.1							
19	9.2	9.8	0.0	0.0	4.4	20.0							
20	0.0	0.0	0.0	0.0	8.7	0.0							
21	0.0	0.0	0.0	0.0	2.1	0.0							
22	0.0	0.0	4.2	2.3	0.0	16.6							
23	0.0	0.0	16.6	0.0	8.2	1.0							
24	0.0	0.0	44.6	0.0	9.7	0.0							
25	0.0	0.0	4.9	0.0	0.0	0.0							
26	0.0	1.6	6.8	9.2	30.2	50.0							
27	0.0	0.0	8.0	1.5	4.5	1.2							
28	0.0	16.0	0.0	28.6	0.0	0.0							
29	0.0	0.0	0.0	10.2	0.0	0.0							
30	0.0	0.0	0.0	16.0	19.4	0.0							
31	0.0		14.7		0.0								
TOTAL	56.7	109.6	228.9	236.4	215.7	141.1							
DIAS LLUVIA	5	12	16	16	17	12							

PUESTO: GUADUALITO
AÑO: 1991

DPTO: TOLIMA
MPIO: SANTA ISABEL

LATITUD: 04° 42'N LONGITUD: 75° 04'W
ALTITUD: 1620 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	ANUAL
1	0.0	0.0	0.0	12.0	32.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	10.0	0.0	29.0	0.0	0.0	24.0	0.0	18.0	0.0	10.0	0.0	25.0	
3	40.0	22.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	
4	2.0	0.0	0.0	0.0	0.0	3.0	21.0	0.0	0.0	0.0	0.0	0.0	
5	9.0	0.0	0.0	0.0	0.0	5.0	6.0	0.0	0.0	0.0	0.0	0.0	
6	6.0	0.0	0.0	0.0	8.0	0.0	29.0	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	18.0	0.0	2.0	0.0	0.0	
8	0.0	0.0	75.0	37.0	0.0	0.0	10.0	12.0	0.0	0.0	15.0	11.0	
9	0.0	0.0	37.0	40.0	0.0	0.0	0.0	21.0	0.0	9.0	0.0	42.0	
10	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	
11	0.0	0.0	6.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	
12	0.0	5.0	0.0	24.0	31.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	
13	0.0	2.0	32.0	11.0	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	6.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	4.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	21.0	0.0	0.0	
17	0.0	0.0	0.0	16.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	34.0	0.0	
19	0.0	18.0	0.0	0.0	10.0	0.0	0.0	0.0	45.0	0.0	0.0	0.0	
20	0.0	29.0	0.0	0.0	22.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	40.0	11.0	0.0	0.0	44.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	40.0	0.0	0.0	3.0	
23	0.0	0.0	22.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	23.0	
24	0.0	0.0	20.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	3.0	
25	0.0	0.0	32.0	0.0	0.0	6.0	0.0	0.0	34.0	0.0	25.0	0.0	
26	0.0	0.0	24.0	16.0	10.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	29.0	2.0	2.0	0.0	9.0	0.0	0.0	6.0	0.0	0.0	44.0	
28	0.0	0.0	9.0	2.0	0.0	2.0	0.0	0.0	24.0	0.0	0.0	29.0	
29	0.0	0.0	0.0	20.0	2.0	26.0	0.0	0.0	6.0	60.0	0.0	0.0	
30	0.0	0.0	0.0	39.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	67.0	105.0	288.0	261.0	227.0	162.0	98.0	69.0	302.0	111.0	115.0	207.0	2012.0
DIAS LLUVIA	5	6	11	13	10	13	7	4	10	6	4	12	101

PUESTO: TOTARITO
AÑO: 1991

DPTO: TOLIMA
MPIO: ALVARADO

LATITUD: 04° 40'N LONGITUD: 75° 01'W
ALTITUD: 1250 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	7.0	0.0	0.0	0.0	49.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	1.0	50.0	0.0	15.0	0.0	0.0	0.0	0.0	
3	0.0	25.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	
4	0.0	0.0	0.0	0.0	18.0	4.0	0.0	0.0	0.0	3.0	0.0	2.0	
5	0.0	0.0	0.0	3.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	4.0	0.0	0.0	0.0	0.0	41.0	2.0	0.0	0.0	26.0	0.0	
7	0.0	0.0	7.0	0.0	10.0	0.0	0.0	38.0	0.0	5.0	0.0	0.0	
8	0.0	0.0	5.0	48.0	0.0	0.0	35.0	5.0	0.0	0.0	23.0	0.0	
9	0.0	0.0	20.0	0.0	0.0	0.0	2.0	10.0	0.0	0.0	6.0	5.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
11	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	11.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	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	18.0	31.0	7.0	0.0	0.0	2.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	5.0	61.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	25.0	0.0	
20	0.0	0.0	0.0	0.0	31.0	44.0	0.0	0.0	18.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	6.0	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	51.0	0.0	0.0	32.0	0.0	0.0	0.0	
23	0.0	0.0	4.0	0.0	0.0	9.0	0.0	0.0	25.0	0.0	0.0	0.0	
24	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	60.0	0.0	48.0	10.0	
28	0.0	0.0	0.0	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	2.0	0.0	24.0	0.0	0.0	0.0	40.0	0.0	0.0	
30	0.0	0.0	3.0	11.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	5.0	0.0	11.0	1.0	0.0	0.0	0.0	0.0	
TOTAL	7.0	33.0	105.0	142.0	257.0	196.0	92.0	71.0	162.0	48.0	149.0	17.0	ANUAL
DIAS LLUVIA	1	3	9	8	12	8	5	6	10	3	8	3	1279.0
													76

PUESTO: JANIYOF
AÑO: 1991

DPTO: TOLIMA
MPIO: ANZOATEGUI

LATITUD: 04° 38'N LONGITUD: 75° 06'W
ALTITUD: 1700 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	8.0	0.0	0.0	5.0	10.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	15.0	3.0	1.0	22.0	0.0	27.0	0.0	6.0	0.0	32.0	
3	10.0	20.0	0.0	0.0	45.0	1.0	0.0	0.0	0.0	0.0	3.0	4.0	
4	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	27.0	3.0	
5	4.0	0.0	0.0	2.0	3.0	0.0	10.0	0.0	0.0	8.0	11.0	5.0	
6	10.0	0.0	0.0	0.0	0.0	4.0	39.0	0.0	0.0	28.0	13.0	0.0	
7	0.0	0.0	25.0	0.0	30.0	0.0	0.0	44.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	20.0	0.0	0.0	10.0	1.0	0.0	3.0	27.0	2.0	
9	0.0	0.0	40.0	2.0	0.0	0.0	0.0	52.0	0.0	0.0	23.0	0.0	
10	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	
11	0.0	3.0	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	85.0	9.0	0.0	0.0	0.0	0.0	14.0	7.0	0.0	
13	0.0	0.0	10.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	2.0	
14	0.0	0.0	10.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	10.0	0.0	4.0	0.0	14.0	0.0	0.0	16.0	23.0	6.0	6.0	
16	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	25.0	9.0	35.0	5.0	
17	0.0	0.0	0.0	15.0	28.0	0.0	0.0	0.0	5.0	2.0	36.0	20.0	
18	0.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0	10.0	0.0	11.0	2.0	
19	0.0	10.0	0.0	0.0	9.0	0.0	0.0	0.0	52.0	0.0	0.0	1.0	
20	0.0	10.0	0.0	0.0	10.0	10.0	0.0	0.0	18.0	0.0	26.0	0.0	
21	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
22	0.0	0.0	0.0	0.0	2.0	15.0	0.0	0.0	20.0	0.0	0.0	6.0	
23	0.0	0.0	15.0	0.0	0.0	2.0	0.0	0.0	22.0	0.0	0.0	24.0	
24	0.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	4.0	2.0	
25	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0	0.0	
26	0.0	0.0	20.0	0.0	1.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	
27	0.0	12.0	10.0	25.0	0.0	7.0	0.0	0.0	11.0	0.0	32.0	4.0	
28	0.0	10.0	0.0	5.0	0.0	9.0	0.0	0.0	8.0	0.0	0.0	0.0	
29	0.0	0.0	14.0	15.0	3.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	
30	0.0	0.0	8.0	1.0	3.0	1.0	2.0	0.0	5.0	0.0	0.0	0.0	
31	0.0	0.0	10.0	0.0	7.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	32.0	75.0	235.0	198.0	196.0	85.0	84.0	130.0	237.0	125.0	267.0	144.0	ANUAL
DIAS LLUVIA	4	7	13	16	18	10	5	5	14	9	15	17	1808.0
													133

PUESTO: LA MESETA
AÑO: 1991

DPTO: TOLIMA
MPIO: SAN ANTONIO

LATITUD: 03° 55'N LONGITUD: 75° 29'W
ALTITUD : 1600 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	6.0	0.0	6.0	0.0	30.0	10.0	0.0	20.0	0.0	10.0	0.0	6.0	
2	0.0	4.0	0.0	0.0	60.0	2.0	0.0	0.0	0.0	8.0	4.0	0.0	
3	4.0	0.0	0.0	0.0	10.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	6.0	20.0	40.0	6.0	6.0	2.0	0.0	0.0	0.0	
5	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	40.0	0.0	
6	0.0	6.0	4.0	0.0	0.0	0.0	20.0	36.0	0.0	6.0	2.0	6.0	
7	6.0	0.0	0.0	8.0	0.0	0.0	2.0	40.0	0.0	0.0	16.0	0.0	
8	0.0	0.0	10.0	30.0	0.0	0.0	4.0	30.0	4.0	4.0	20.0	2.0	
9	0.0	8.0	6.0	6.0	2.0	0.0	6.0	0.0	0.0	0.0	0.0	20.0	
10	10.0	14.0	0.0	0.0	10.0	0.0	8.0	0.0	0.0	0.0	8.0	0.0	
11	0.0	2.0	10.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	
12	0.0	30.0	4.0	18.0	12.0	0.0	0.0	0.0	0.0	0.0	2.0	8.0	
13	0.0	0.0	0.0	12.0	0.0	6.0	0.0	2.0	0.0	0.0	0.0	6.0	
14	4.0	0.0	2.0	0.0	10.0	20.0	0.0	0.0	0.0	0.0	10.0	20.0	
15	0.0	0.0	0.0	0.0	1.0	10.0	0.0	0.0	50.0	20.0	14.0	2.0	
16	0.0	50.0	0.0	0.0	6.0	0.0	0.0	2.0	0.0	0.0	10.0	10.0	
17	38.0	0.0	0.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	
18	0.0	4.0	0.0	2.0	6.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	
19	0.0	20.0	0.0	4.0	30.0	20.0	0.0	0.0	30.0	0.0	10.0	2.0	
20	0.0	0.0	0.0	0.0	10.0	0.0	4.0	0.0	20.0	0.0	0.0	4.0	
21	0.0	0.0	0.0	0.0	8.0	16.0	0.0	0.0	30.0	0.0	2.0	0.0	
22	0.0	4.0	4.0	0.0	2.0	20.0	0.0	0.0	20.0	0.0	0.0	6.0	
23	0.0	0.0	2.0	0.0	0.0	4.0	0.0	2.0	10.0	0.0	4.0	10.0	
24	4.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	6.0	30.0	0.0	0.0	
25	0.0	0.0	40.0	0.0	0.0	40.0	2.0	0.0	20.0	14.0	2.0	0.0	
26	0.0	0.0	20.0	0.0	0.0	26.0	0.0	6.0	0.0	6.0	4.0	30.0	
27	0.0	6.0	0.0	0.0	0.0	10.0	0.0	0.0	16.0	0.0	0.0	2.0	
28	0.0	0.0	0.0	10.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	4.0	
29	0.0	0.0	6.0	6.0	30.0	6.0	16.0	0.0	20.0	4.0	0.0	0.0	
30	0.0	0.0	10.0	10.0	4.0	2.0	60.0	20.0	6.0	0.0	0.0	0.0	
31	0.0	0.0	4.0	6.0	6.0	6.0	6.0	0.0	6.0	6.0	0.0	0.0	
TOTAL DIAS LLUVIA	72.0 7	148.0 11	142.0 16	138.0 13	285.0 21	234.0 16	132.0 12	164.0 10	248.0 15	112.0 11	152.0 16	142.0 17	ANUAL 1969.0 165

PUESTO: POCO A POCO
AÑO: 1991

DPTO: TOLIMA
MPIO: CHAPARRAL

LATITUD: 03° 47'N LONGITUD: 75° 33'W
ALTITUD : 1340 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	10.0	0.0	6.0		0.0	3.0	0.0	9.0	0.0	0.0	
2	3.0	1.0	0.0	0.0	20.0		0.0	0.0	0.0	14.0	0.0	0.0	
3	0.0	3.0	0.0	0.0	70.0		0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	5.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	35.0	0.0		19.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	40.0	0.0	0.0		0.0	0.0	0.0	0.0	20.0	0.0	
7	9.0	0.0	0.0	0.0	2.0		0.0	40.0	0.0	5.0	25.0	12.0	
8	0.0	0.0	0.0	20.0	0.0		0.0	2.0	0.0	0.0	0.0	0.0	
9	0.0	7.0	10.0	50.0	0.0		0.0	15.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	4.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	10.0	
11	0.0	0.0	6.0	17.0	0.0		0.0	0.0	0.0	0.0	10.0	0.0	
12	0.0	10.0	13.0	10.0	0.0		0.0	0.0	0.0	0.0	0.0	27.0	
13	0.0	0.0	0.0	32.0	0.0		0.0	0.0	0.0	0.0	10.0	0.0	
14	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	18.0	
15	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	5.0	0.0	
16	0.0	0.0	0.0	0.0	0.0		0.0	0.0	30.0	0.0	0.0	12.0	
17	0.0	27.0	0.0	0.0	0.0		0.0	0.0	3.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	5.0	0.0		0.0	0.0	7.0	0.0	12.0	0.0	
19	5.0	0.0	0.0	0.0	25.0		0.0	0.0	20.0	0.0	0.0	20.0	
20	0.0	0.0	0.0	0.0	15.0		0.0	0.0	9.0	0.0	10.0	10.0	
21	0.0	0.0	0.0	0.0	30.0		0.0	0.0	32.0	0.0	10.0	35.0	
22	0.0	0.0	0.0	0.0	0.0		0.0	0.0	48.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	10.0		0.0	0.0	50.0	0.0	0.0	20.0	
24	0.0	0.0	0.0	0.0	0.0		0.0	0.0	10.0	0.0	10.0	0.0	
25	0.0	0.0	10.0	4.0	0.0		0.0	0.0	25.0	10.0	5.0	0.0	
26	0.0	0.0	0.0	10.0	0.0		0.0	0.0	10.0	22.0	0.0	8.0	
27	0.0	0.0	30.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	25.0	0.0	20.0	0.0		0.0	0.0	43.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0		0.0	0.0	10.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	9.0		15.0	0.0	17.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0		0.0	5.0		10.0		0.0	
TOTAL DIAS LLUVIA	17.0 3	73.0 6	128.0 9	203.0 10	187.0 9		34.0 2	65.0 5	314.0 14	70.0 6	117.0 10	172.0 10	ANUAL

PUESTO: MONTEFRIO
AÑO: 1991

DPTO: TOLIMA
MPIO: NATAGAIMA

LATITUD: 03° 29'N LONGITUD: 75° 16'W
ALTITUD : 1500 m.

DIA	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			
2	10.0	10.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	60.0			
3	5.0	10.0	10.0	0.0	20.0	10.0	10.0	0.0	0.0	0.0			
4	0.0	10.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0			
5	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0			
6	0.0	0.0	10.0	0.0	20.0	0.0	10.0	10.0	10.0	0.0			
7	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	101.0	0.0			
8	0.0	0.0	30.0	0.0	0.0	10.0	30.0	0.0	0.0	10.0			
9	10.0	0.0	101.0	10.0	0.0	10.0	10.0	0.0	0.0	0.0			
10	0.0	30.0	0.0	40.0	10.0	0.0	0.0	0.0	0.0	0.0			
11	0.0	0.0	0.0	40.0	25.0	10.0	0.0	151.0	0.0	0.0			
12	0.0	0.0	40.0	10.0	0.0	20.0	10.0	0.0	0.0	0.0			
13	20.0	0.0	15.0	0.0	30.0	0.0	10.0	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			
15	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0			
16	0.0	0.0	0.0	0.0	151.0	0.0	10.0	0.0	20.0	0.0			
17	0.0	10.0	10.0	30.0	20.0	0.0	40.0	0.0	5.0	20.0			
18	0.0	0.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0	0.0			
19	0.0	10.0	30.0	0.0	0.0	20.0	0.0	20.0	0.0	0.0			
20	30.0	0.0	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0			
21	0.0	151.0	0.0	60.0	0.0	0.0	10.0	0.0	0.0	0.0			
22	0.0	0.0	0.0	66.0	30.0	10.0	10.0	0.0	0.0	0.0			
23	0.0	20.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	30.0			
24	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	30.0	10.0			
25	10.0	0.0	10.0	51.0	10.0	0.0	30.0	0.0	0.0	0.0			
26	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	10.0			
27	0.0	30.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0			
28	0.0	10.0	10.0	10.0	10.0	0.0	0.0	5.0	20.0	0.0			
29	0.0	0.0	10.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0			
30	0.0	0.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	0.0			
31	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0			
TOTAL	85.0	301.0	316.0	377.0	366.0	170.0	210.0	196.0	196.0	190.0			ANUAL
DIAS LLUVIA	6	11	15	13	13	13	14	5	7	9			

PUESTO: LOS ANDES
AÑO: 1991

DPTO: TOLIMA
MPIO: PLANADAS

LATITUD: 03° 11'N LONGITUD: 75° 37'W
ALTITUD : 1500 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	0.0	16.0	0.0	0.0	2.0	0.0	0.0	10.0	0.0	7.0	
2	12.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0	12.0	4.0	
3	0.0	0.0	14.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	26.0	8.0	
4	0.0	51.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	5.0	
5	0.0	0.0	17.0	37.0	0.0	8.0	0.0	0.0	0.0	0.0	8.0	13.0	
6	0.0	0.0	15.0	0.0	0.0	5.0	5.0	0.0	0.0	4.0	0.0	0.0	
7	0.0	0.0	10.0	0.0	0.0	3.0	3.0	8.0	0.0	17.0	30.0	0.0	
8	0.0	0.0	0.0	26.0	5.0	0.0	0.0	6.0	0.0	0.0	72.0	10.0	
9	0.0	0.0	0.0	15.0	0.0	0.0	2.0	7.0	0.0	0.0	0.0	8.0	
10	0.0	6.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	5.0	
11	27.0	19.0	10.0	12.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	0.0	
12	0.0	3.0	5.0	4.0	21.0	8.0	0.0	0.0	0.0	0.0	0.0	19.0	
13	0.0	2.0	2.0	7.0	23.0	0.0	0.0	0.0	0.0	0.0	22.0	8.0	
14	0.0	0.0	0.0	22.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	5.0	
15	0.0	5.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	12.0	15.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	0.0	0.0	6.0	
17	38.0	0.0	2.0	18.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	
18	0.0	13.0	0.0	24.0	0.0	0.0	0.0	0.0	63.0	0.0	0.0	0.0	
19	2.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	8.0	
20	15.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	34.0	0.0	0.0	0.0	9.0	0.0	0.0	5.0	
22	23.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	6.0	0.0	0.0	10.0	
23	0.0	0.0	4.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	5.0	18.0	
24	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	
25	0.0	0.0	79.0	0.0	0.0	0.0	0.0	0.0	10.0	12.0	2.0	3.0	
26	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	10.0	0.0	15.0	0.0	
27	0.0	0.0	13.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	3.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	1.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	8.0	5.0	
30	0.0	0.0	0.0	0.0	0.0	15.0	25.0	5.0	1.0	0.0	3.0	0.0	
31	0.0	0.0	22.0	0.0	10.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	117.0	109.0	305.0	204.0	138.0	81.0	56.0	26.0	187.0	69.0	307.0	172.0	ANUAL
DIAS LLUVIA	6	8	16	11	8	10	7	4	11	6	20	20	1771.0 127

PUESTO: SANTA MARTA
AÑO: 1991

DPTO: VALLE
MPIO: EL AGUILA

LATITUD: 04° 52'N LONGITUD: 76° 03'W
ALTITUD: 1760 m.

DIA	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	13.0	0.0	13.0	
2	0.0	0.0	0.0	0.0		17.0	45.0	0.0	0.0	17.0	0.0	0.0	
3	0.0	27.0	0.0	0.0		7.0	10.0	0.0	0.0	0.0	7.0	21.0	
4	11.0	0.0	0.0	0.0		0.0	36.0	7.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	11.0	0.0	
6	0.0	0.0	0.0	15.0		21.0	0.0	0.0	0.0	26.0	31.0	18.0	
7	0.0	0.0	0.0	0.0		10.0	11.0	39.0	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	
9	0.0	0.0	0.0	16.0		0.0	0.0	0.0	0.0	9.0	0.0	9.0	
10	14.0	0.0	48.0	0.0		0.0	0.0	0.0	0.0	0.0	27.0	0.0	
11	0.0	0.0	20.0	0.0		0.0	23.0	20.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	27.0		0.0	0.0	0.0	0.0	0.0	30.0	0.0	
13	13.0	0.0	14.0	0.0		0.0	9.0	0.0	0.0	0.0	0.0	20.0	
14	0.0	0.0	0.0	0.0		0.0	0.0	0.0	24.0	0.0	25.0	0.0	
15	0.0	0.0	0.0	0.0		0.0	0.0	0.0	21.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0		19.0	0.0	0.0	16.0	0.0	0.0	11.0	
17	0.0	36.0	0.0	0.0		9.0	0.0	0.0	23.0	0.0	0.0	7.0	
18	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	13.0	10.0	
19	0.0	0.0	0.0	0.0		0.0	0.0	0.0	19.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	19.0		0.0	0.0	0.0	0.0	0.0	0.0	14.0	
21	0.0	0.0	0.0	0.0		13.0	0.0	0.0	21.0	0.0	17.0	0.0	
22	0.0	0.0	20.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	16.0	
23	0.0	0.0	8.0	0.0		22.0	0.0	0.0	11.0	0.0	0.0	0.0	
24	0.0	0.0	11.0	21.0		0.0	0.0	0.0	0.0	0.0	19.0	0.0	
25	0.0	0.0	13.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	11.0	
26	0.0	8.0	30.0	0.0		25.0	0.0	0.0	10.0	19.0	0.0	0.0	
27	0.0	48.0	6.0	0.0		31.0	0.0	0.0	9.0	0.0	0.0	0.0	
28	0.0	0.0	25.0	28.0		0.0	0.0	0.0	0.0	11.0	11.0	9.0	
29	0.0	0.0	0.0	0.0		0.0	12.0	0.0	6.0	0.0	18.0	17.0	
30	0.0	0.0	0.0	0.0		0.0	20.0	0.0	0.0	6.0	0.0	0.0	
31	0.0	0.0	17.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	38.0	119.0	212.0	126.0		174.0	166.0	66.0	160.0	101.0	209.0	176.0	ANUAL
DIAS LLUVIA	3	4	11	6		10	8	3	10	7	11	13	

PUESTO: EL PLACER
AÑO: 1991

DPTO: VALLE
MPIO: ANSERMANUEVO

LATITUD: 04° 47'N LONGITUD: 76° 06'W
ALTITUD: 1730 m.

DIA	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	1.0	0.0	0.0	0.0	12.0	
2	10.0	20.0	35.0	0.0	29.0	20.0	0.0	0.0	0.0	5.0	0.0	0.0	
3	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	25.0	
4	0.0	0.0	0.0	0.0	32.0	0.0	35.0	0.0	0.0	0.0	0.0	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	7.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	21.0	12.0	0.0	
7	0.0	0.0	20.0	20.0	0.0	0.0	0.0	35.0	0.0	12.0	0.0	0.0	
8	0.0	0.0	0.0	7.0	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	13.0	0.0	
10	0.0	0.0	30.0	0.0	0.0	0.0	15.0	0.0	0.0	55.0	0.0	0.0	
11	19.0	0.0	20.0	29.0	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	7.0	0.0	
13	0.0	0.0	7.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	15.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	36.0	0.0	0.0	0.0	
16	11.0	0.0	19.0	0.0	9.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	17.0	0.0	0.0	0.0	0.0	0.0	1.0	12.0	5.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	12.0	0.0	20.0	0.0	
20	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
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	0.0	14.0	0.0	0.0	0.0	39.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	15.0	30.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	23.0	3.0	0.0	0.0	0.0	23.0	0.0	23.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	7.0	0.0	0.0	0.0	
26	0.0	0.0	30.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	15.0	10.0	0.0	38.0	0.0	0.0	8.0	0.0	0.0	0.0	
28	0.0	0.0	25.0	0.0	0.0	0.0	10.0	0.0	0.0	129.0	20.0	0.0	
29	0.0	0.0	14.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	16.0	0.0	0.0	0.0	9.0	0.0	7.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	51.0	37.0	231.0	102.0	113.0	227.0	122.0	37.0	145.0	227.0	197.0	61.0	ANUAL
DIAS LLUVIA	4	2	11	6	8	7	7	3	9	6	9	5	77

PUESTO: BELLAVISTA
AÑO: 1991

DPTO: VALLE
MPIO: ANSERMANUEVO

LATITUD: 04° 45'N LONGITUD: 76° 06'W
ALTITUD: 1550 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	8.0	
2	0.0	22.0	23.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	5.0	
3	0.0	3.0	21.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	17.0	0.0	
4	0.0	0.0	2.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	5.0	0.0	
5	0.0	0.0	10.0	10.0	4.0	0.0	5.0	0.0	0.0	0.0	10.0	0.0	
6	4.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	3.0	0.0	
7	0.0	0.0	0.0	30.0	0.0	0.0	0.0	27.0	0.0	10.0	34.0	0.0	
8	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	9.0	
9	0.0	0.0	17.0	4.0	0.0	7.0	0.0	0.0	0.0	0.0	3.0	0.0	
10	0.0	0.0	25.0	6.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	18.0	40.0	0.0	0.0	7.0	0.0	0.0	15.0	6.0	0.0	
12	0.0	0.0	0.0	7.0	40.0	0.0	50.0	0.0	0.0	0.0	5.0	0.0	
13	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	4.0	22.0	0.0	
14	0.0	0.0	0.0	2.0	0.0	10.0	0.0	0.0	10.0	0.0	2.0	13.0	
15	0.0	0.0	11.0	0.0	0.0	14.0	0.0	0.0	13.0	7.0	0.0	17.0	
16	0.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	
17	0.0	2.0	7.0	0.0	0.0	0.0	0.0	0.0	22.0	25.0	0.0	4.0	
18	0.0	0.0	3.0	0.0	0.0	0.0	0.0	10.0	18.0	0.0	11.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	20.0	0.0	2.0	7.0	
20	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	4.0	9.0	0.0	0.0	11.0	0.0	0.0	0.0	
22	0.0	0.0	22.0	0.0	7.0	5.0	0.0	0.0	10.0	0.0	0.0	0.0	
23	0.0	0.0	13.0	0.0	35.0	7.0	0.0	0.0	7.0	0.0	0.0	0.0	
24	0.0	0.0	7.0	0.0	0.0	11.0	35.0	0.0	13.0	0.0	35.0	0.0	
25	0.0	0.0	5.0	0.0	0.0	25.0	3.0	0.0	2.0	30.0	0.0	0.0	
26	0.0	29.0	32.0	0.0	0.0	6.0	0.0	0.0	0.0	20.0	0.0	0.0	
27	0.0	3.0	21.0	0.0	0.0	0.0	0.0	0.0	30.0	6.0	0.0	0.0	
28	0.0	9.0	19.0	47.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	23.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	14.0	0.0	0.0	
30	0.0	0.0	6.0	8.0	2.0	0.0	18.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	4.0	73.0	270.0	228.0	105.0	94.0	137.0	37.0	182.0	154.0	175.0	86.0	ANUAL
DIAS LLUVIA	1	7	21	12	9	9	8	2	15	11	15	8	1545.0 118

PUESTO: LA SIRENA
AÑO: 1991

DPTO: VALLE
MPIO: SEVILLA

LATITUD: 04° 17'N LONGITUD: 75° 55'W
ALTITUD: 1540 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	0.0	0.0	9.0	0.0	0.0	56.0	0.0	5.0	0.0	3.0	2.0	16.0	
2	5.0	16.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	7.0	1.0	
3	1.0	0.0	12.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	17.0	
4	0.0	0.0	5.0	0.0	7.0	5.0	47.0	5.0	0.0	1.0	0.0	5.5	
5	16.0	0.0	3.0	3.0	17.0	0.0	7.0	0.0	0.0	4.0	14.0	0.0	
6	0.0	0.0	3.0	3.0	0.0	0.0	1.0	9.0	0.0	2.0	0.0	0.0	
7	0.0	0.0	1.0	49.0	0.0	0.0	0.0	5.0	0.0	41.0	9.0	0.0	
8	0.0	0.0	17.0	78.0	0.0	0.0	0.0	1.0	0.0	5.0	10.0	44.0	
9	0.0	0.0	2.0	2.0	6.0	0.0	0.0	0.0	0.0	26.0	1.0	1.0	
10	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	
11	0.0	0.0	4.0	1.0	24.0	0.0	0.0	0.0	0.0	0.0	12.0	6.5	
12	3.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	4.0	0.0	
13	5.0	0.0	9.0	7.0	3.0	0.0	0.0	0.0	0.0	9.0	3.0	36.0	
14	0.0	0.0	1.0	0.0	9.0	7.0	0.0	0.0	30.0	0.0	50.0	0.0	
15	0.0	2.0	4.0	0.0	14.0	20.0	0.0	0.0	5.0	0.0	5	23.0	
16	5.0	0.0	0.0	0.0	21.0	2.0	0.0	0.0	6.0	3.0	8.5	1.0	
17	0.0	16.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	26.0	0.0	0.0	7.0	0.0	0.0	0.0	43.0	0.0	24.5	0.0	
19	0.0	0.0	0.0	7.0	2.0	1.0	0.0	0.0	37.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	41.0	3.0	0.0	0.0	0.0	0.0	20.5	0.0	
21	0.0	0.0	2.0	0.0	1.0	3.0	0.0	0.0	52.0	0.0	5	5.0	
22	0.0	0.0	3.0	1.0	26.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	
23	0.0	0.0	18.0	0.0	2.0	1.0	0.0	0.0	9.0	0.0	44.0	0.0	
24	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0	5.5	0.0	
25	0.0	0.0	15.0	0.0	0.0	71.0	2.0	0.0	0.0	6.0	0.0	0.0	
26	0.0	3.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0	3.0	0.0	0.0	
27	0.0	15.0	20.0	6.0	0.0	1.0	0.0	0.0	12.0	0.0	0.0	3.0	
28	0.0	38.0	0.0	0.0	16.0	5.0	0.0	0.0	0.0	1.0	5	0.0	
29	0.0	0.0	0.0	7.0	1.0	3.0	23.0	0.0	5.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	9.0	1.0	25.0	0.0	0.0	2.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	
TOTAL	35.0	116.0	145.0	184.0	231.0	185.0	108.0	25.0	206.0	113.0	235.5	159.0	ANUAL
DIAS LLUVIA	6	7	18	13	19	17	7	5	11	15	20	12	1742.5 150

PUESTO: CAMPANELLA
 AÑO: 1991

DPTO: VALLE
 MPIO: PALMIRA

LATITUD: 03° 29'N LONGITUD: 76° 12'W
 ALTITUD : 1550 m.

DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0.0	24.0	15.0	2.0	18.0	56.0	0.0		0.0	15.0	15.0	42.0
2	0.0	14.0	15.0	0.0	0.0	0.0	1.0		0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	30.0	2.0	0.0	0.0		0.0	0.0	0.0	23.0
4	0.0	0.0	2.0	0.0	0.0	0.0	6.0		0.0	15.0	32.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	52.0	5.0
6	0.0	0.0	2.0	1.0	0.0	0.0	0.0		0.0	0.0	5.0	0.0
7	0.0	0.0	0.0	18.0	5.0	0.0	8.0		0.0	0.0	0.0	0.0
8	16.0	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	20.0	4.0	5.0	0.0	0.0		0.0	0.0	43.0	3.0
10	0.0	0.0	15.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
11	0.0	0.0	3.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
12	18.0	0.0	0.0	6.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
13	0.0	0.0	20.0	0.0	20.0	4.0	0.0		0.0	0.0	0.0	0.0
14	10.0	0.0	6.0	0.0	0.0	0.0	0.0		5.0	0.0	0.0	0.0
15	6.0	0.0	0.0	28.0	54.0	0.0	0.0		7.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0		3.0	0.0	0.0	0.0
17	12.0	0.0	0.0	0.0	8.0	0.0	0.0		0.0	0.0	5.0	0.0
18	6.0	0.0	0.0	0.0	0.0	0.0	0.0		10.0	0.0	0.0	0.0
19	0.0	11.0	0.0	0.0	6.0	0.0	0.0		26.0	0.0	0.0	0.0
20	0.0	12.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
21	0.0	2.0	52.0	0.0	4.0	0.0	0.0		15.0	0.0	0.0	0.0
22	0.0	0.0	4.0	4.0	0.0	15.0	0.0		10.0	0.0	0.0	0.0
23	0.0	0.0	6.0	0.0	0.0	0.0	0.0		7.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	5.0	0.0		3.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
26	0.0	0.0	2.0	0.0	0.0	9.0	0.0		6.0	50.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0		4.0	0.0	0.0	0.0
28	0.0	2.0	0.0	0.0	0.0	0.0	4.0		0.0	0.0	41.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	28.0		0.0	31.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	6.0	10.0		0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0
TOTAL	68.0	65.0	174.0	93.0	122.0	95.0	57.0		96.0	111.0	193.0	73.0
DIAS LLUVIA	6	6	14	8	9	6	6		11	4	7	4

ANUAL