



**REPUBLICA DEL ECUADOR**  
MINISTERIO DE ENERGIA Y MINAS

INSTITUTO NACIONAL  
DE  
METEOROLOGIA E HIDROLOGIA

**ANUARIO**  
**METEOROLOGICO**  
**1998**

**Nro. 38**

Quito - Ecuador





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MINISTERIO DE ENERGIA Y MINAS  
INSTITUTO NACIONAL DE METEOROLOGIA E HIDROLOGIA

# **ANUARIO METEOROLOGICO 1998**

**Nro 38**

Quito - Ecuador



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INSTITUTO NACIONAL DE METEOROLOGIA E HIDROLOGIA -INAMHI-

Iñaquito 700 y Corea

e-mail: [inamhi@inamhi.gov.ec](mailto:inamhi@inamhi.gov.ec)

Quito- Ecuador

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## PREFACIO

*Al igual que los **ANUARIOS METEOROLOGICOS** anteriores, la presente publicación que el INAMHI pone en vuestras manos, cumple con su irrenunciable finalidad que es la de contribuir con nuestro desarrollo, mediante la disponibilidad de la información meteorológica confiable de manera pronta y oportuna.*

*En la actualidad, es necesario cumplir, no sólo con la gestión de calidad, sino que también se debe asegurar el mantenimiento de la gestión ambiental, mediante la implantación de políticas y metas directas que controlan las actividades, los productos y los procesos que causan impactos ambientales para así minimizarlos o eliminarlos.*

*Para desarrollar los planes y programas del gobierno local o nacional, es necesario disponer de la cuantificación de las variables en su esquema dual de causa y efecto y dentro de éstos, sus variaciones y alteraciones. Todo esto nos lleva a la necesidad de disponer de información con valores medios o estándares; es decir, la valoración que nos permita conocer la situación actual y aún la futura.*

*El presente **ANUARIO de 1998**, contiene la información meteorológica necesaria con la cual pretendemos contribuir y satisfacer la demanda creciente en la necesidad de conocer nuestro entorno atmosférico, en beneficio directo de los estudios e investigaciones de las áreas específicas y que el país requiere.*



**Ing. Nelson Salazar D.  
DIRECTOR EJECUTIVO**





## INTRODUCCION

Al INSTITUTO NACIONAL DE METEOROLOGIA E HIDROLOGIA -INAMHI-, le corresponde como una de sus funciones operativas fundamentales, mantener y operar conjuntamente con otras instituciones afines, la Red Nacional de Estaciones Meteorológicas; actividad a cargo de la Dirección de Meteorología y sus Departamentos.

El presente anuario, es uno de los productos realizados por la Dirección de Informática bajo el sistema de procesamiento básico de la información climológica, recopilada en las estaciones de la red básica para el año de 1997.

El Anuario Meteorológico está constituido de tres secciones: La primera consta de una descripción general de los procedimientos bajo los cuales se realiza la toma de información y su procesamiento, así como los criterios que aconsejan al usuario para el uso de la información publicada.

La parte segunda del anuario corresponde a los cuadros estadísticos que contienen la información climática, colectada en la mayoría de las estaciones activas de la red. Esta parte está constituida principalmente por los resúmenes mensuales y anuales de elementos meteorológicos, de estaciones climatológicas principales y ordinarias que tienen al menos seis meses de información con sus respectivas representaciones gráficas de la distribución temporal de precipitación y temperatura. También se presenta un resumen de los valores pluviométricos mensuales integrando tanto las estaciones climatológicas y las pluviométricas.

En la tercera parte, complementariamente se presentan: la distribución geográfica de la precipitación anual, representada en un mapa isoyetas anuales, el mapa con la ubicación de las estaciones con información publicada, y finalmente, el inventario de todas las estaciones meteorológicas catalogadas por la Institución.

El INAMHI, permanentemente está recopilando información hidrometeorológica, por lo que a la fecha de la publicación de este anuario, habrá información adicional que estará disponible para la consulta del usuario interesado.

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## **PARTE I**

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Nociones generales



## 1. ESPECIFICACIONES SOBRE EL REGISTRO Y PROCESAMIENTO DE DATOS

### 1.1 INSTALACION DE LAS ESTACIONES E INSTRUMENTAL

La instalación de las estaciones, así como la ubicación del instrumental para la toma y/o registro de los datos meteorológicos, han sido realizadas de acuerdo a normas internacionales establecidas por la Organización Meteorológica Mundial -OMM-. A continuación, se citan algunas definiciones relacionadas con las estaciones, elementos meteorológicos, instrumentos y las características de su instalación.

#### 1.1.1 TEMPERATURA DEL AIRE<sub>¡Error! Marcador no definido.</sub>

Magnitud física que caracteriza el movimiento aleatorio medio de las moléculas en un cuerpo físico; en el caso de la atmósfera, el aire. Medida del nivel energético medio molecular del aire.

##### TEMPERATURAS EXTREMAS

Los valores máximo y mínimo de temperatura del aire observados durante un período de observación dado.

##### DISPOSITIVOS PARA MEDIR TEMPERATURAS DEL AIRE

###### a) Termómetro seco

Dispositivo que utiliza la diferencia de dilatación del líquido (mercurio en este caso), y el vidrio que lo contiene para poder medir la temperatura del aire. Junto con el termómetro de bulbo húmedo forma parte del Psicrómetro.

Mide en grados centígrados y décimas de grado.

Para evitar la influencia de la radiación directa, reflejada y difusa en el termómetro, se lo coloca protegido en un abrigo meteorológico a dos metros de altura.

###### b) Termómetro de mínima

Dispositivo de líquido (alcohol) en vidrio destinado a medir las temperaturas más bajas ocurridas en el día. El menisco de la columna de alcohol (extremo de la columna) arrastra un índice (metálico o de arcilla) conforme va reduciendo el tamaño de la columna al ir disminuyendo la temperatura, hasta llegar al menor valor de ese día, lo que sucede alrededor del momento anterior a la salida del sol. Al aumentar luego la temperatura el índice deja pasar el alcohol en su marcha ascendente, pero queda en la posición de la temperatura mínima para su lectura a las 07:00 Hrs. Por las mismas razones de protección manifestadas para el termómetro seco se encuentra localizado en el abrigo meteorológico a dos metros sobre el suelo.

Mide en grados centígrados y décimas de grado.

## c) Termómetro de máxima

Dispositivo de líquido (mercurio) en vidrio destinado a medir la mayor temperatura ocurrida durante el día. Tiene una pequeña estrangulación que permite que el mercurio fluya libremente mientras aumenta la temperatura, pero al principiar su disminución impide el regreso de la columna de mercurio, o sea queda marcando la temperatura más alta del día se lee diariamente a las 17:00 Hrs. Por las mismas razones de protección se encuentra el abrigo meteorológico a dos metros de altura.

Mide en grados centígrados y décimas de grado.

## d) Termógrafo

Aparato destinado a registrar de manera gráfica las variaciones cronológicas de la temperatura del aire durante un tiempo determinado, el INAMHI usa registro gráfico en fajas de duración semanal. Se utiliza este aparato ante la incapacidad del ser humano de estar observando de manera continua la variación de la temperatura en el tiempo. La parte sensible esta constituida por un bimetalico que tiene dos capas metálicas, con metales con diferentes coeficientes de dilatación lo que permite una deformación del bimetalico debido a los cambios de temperatura y diferente grado de dilatación de los metales.

## 1.1.2

**HUMEDAD ATMOSFERICA**

Se define como humedad atmosférica al contenido del vapor de agua en el aire, existen en este anuario tres parámetros que reflejan este contenido de vapor de agua en el aire:

**TENSION DE VAPOR**

Es la fuerza ejercida por el vapor de agua sobre la superficie de la tierra independientemente de la ejercida por el resto de gases que constituyen el aire. Se mide en Hectopascales por tratarse de presión.

Denomínase tensión de vapor saturante a la fuerza ejercida por el vapor de agua cuando el aire esta saturado o sea contiene la mayor cantidad posible de vapor de agua a la temperatura actual.

**HUMEDAD RELATIVA**

Es un parámetro que determina el grado de saturación de la atmósfera. Esta definido por la relación existente entre la tensión de vapor actual y la tensión de vapor saturante a una determinada temperatura, multiplicada por cien. Su unidad de medida es el porcentaje, mientras más alto sea el porcentaje, mayor es el grado de saturación de la atmósfera.

$$H.R. = (E / E_s) \times 100$$

**TEMPERATURA DEL PUNTO DE ROCIO**

Es la temperatura a la que hay que enfriar una masa para que se sature, a presión y humedad constantes (proceso Isobárico). Se mide en grados centígrados y décimos de grado por tratarse de una temperatura. Normalmente se usa el término Punto de Rocío para significar Temperatura del Punto de Rocío.

## DISPOSITIVOS PARA MEDIR LA HUMEDAD DEL AIRE

### a) Psicrómetro

Instrumento para medir la humedad atmosférica almacenado en el abrigo meteorológico a dos metros de altura para protegerlo de la radiación directa y reflejada. Constituido por dos termómetros idénticos (mercurio en vidrio), siendo el uno con bulbo seco (mide la temperatura del aire) y el otro contiene una muselina que es humedecida es llamada bulbo húmedo. Se hace pasar una corriente de aire de 2 a 5 metros por segundo mediante un ventilador, como resultado de esto la temperatura del termómetro de bulbo húmedo desciende hasta que se satura el aire al rededor del bulbo húmedo. La temperatura desciende en el termómetro de bulbo húmedo debido a que para evaporar el agua toma energía del mercurio de este termómetro.

Con los valores de la temperatura del bulbo seco y húmedo se hacen los cálculos de la tensión de vapor mediante la llamada fórmula psicrométrica

$$E = E_s - a_p (T_s - T_h)$$

donde

E = Tensión de Vapor actual  
E(s) = Tensión de vapor saturante  
a = constante psicrométrica  
p = presión media a nivel de estación  
Ts = Temperatura de bulbo seco  
Th = Temperatura de bulbo húmedo.

### b) Higrómetro

Aparato destinado a registrar de manera gráfica las variaciones cronológicas de la humedad relativa del aire durante un tiempo determinado, el INAMHI usa registro gráfico en fajas de duración semanal. Se utiliza este aparato ante la incapacidad del ser humano de estar observando de manera continua la variación de la humedad relativa durante el tiempo. El sensor es un haz de cabellos que tiene la propiedad de reaccionar de acuerdo a la variación de la humedad relativa (grado de saturación de la humedad atmosférica). Este aparato se instala en el abrigo meteorológico por las razones ya anotadas con anterioridad.

## 1.1.3

### PRECIPITACION ATMOSFERICA

Hidrometeoro, consiste en la caída de lluvia, llovizna, nieve, granizo, hielo granulado, etc. desde las nubes a la superficie de la tierra.

Se mide en alturas de precipitación en mm, que equivale a la altura obtenida por la caída de un litro de agua sobre la superficie de un metro cuadrado.

### DIAS CON PRECIPITACION

Días en que se observa precipitación. El mínimo de agua que debe recogerse para que se considere un día con precipitación varía de un país a otro, en general, es de 0.1 mm.

## DISPOSITIVOS PARA MEDIR LAS PRECIPITACIONES ATMOSFERICAS

### a) Pluviómetro

Instrumento destinado a medir las alturas de precipitación , constituido de un anillo colector de doscientos centímetros cuadrados de superficie, bajo la suposición que las precipitaciones están uniformemente distribuidas sobre una superficie horizontal impermeable y que no están sujetas a evaporación. Se mide la precipitación a una altura de un metro con veinte centímetros para evitar corrientes turbulentas a baja altura y salpicado en la superficie terrestre.

### b) Pluviógrafo

Instrumento similar al pluviómetro que incluye un dispositivo para registrar gráfica y cronológicamente las alturas de las precipitaciones.

## 1.1.4

### HELIOFANIA

Medida de la radiación solar, desde el punto de vista de la duración en tiempo de la radiación solar con la intensidad suficiente para producir formas definidas . Se mide en horas y minutos de brillo solar.

## DISPOSITIVOS PARA MEDIR LA HELIOFANIA

### a) Heliofanógrafo

Aparato que registra de manera gráfica la duración en tiempo de la radiación cuya intensidad es suficiente para producir formas definidas. Constituida por un lente esférico que realiza quemaduras en una faja de papel debido a la radiación recibida en forma directa , instalado a un metro cincuenta de altura.

## 1.1.5

### EVAPORACION

Hidrometeoro, que se refiere a la emisión de vapor de agua a la atmósfera por una superficie libre de agua líquida pura, a una temperatura inferior al punto de ebullición.

## EVAPORACION POTENCIAL

Máxima cantidad de vapor que podría ser emitida la atmósfera por una superficie de agua líquida pura, a las condiciones dadas, siempre que se cuente con una cantidad suficiente de agua, o sea disponiendo en todo momento del agua necesaria para evaporar.

## DISPOSITIVOS PARA MEDIR LA EVAPORACION

Existen un numeroso grupo de aparatos para medir la evaporación, el usado por el INAMHI es el Tanque de Evaporación que mide la llamada Evaporación Potencial, definida anteriormente:



a) Tanque de evaporación

Evaporímetro compuesto por un tanque o depósito de mediana profundidad , con una superficie relativamente grande , para medir el descenso, debido a la evaporación, en el nivel de agua que contiene. La evaporación se mide en milímetros de evaporación equivalentes a la pérdida de un litro de agua en una superficie libre de agua de un metro cuadrado.

Se encuentra instalado a diez centímetros sobre la superficie de la tierra en una tarima de madera.

### 1.1.6

#### **VIENTO.**

Movimiento del aire con respecto a la superficie de la tierra en un dirección y velocidad determinadas. Las direcciones se toman de donde viene o procede el viento , las velocidades en metros por segundo.

#### DISPOSITIVOS PARA MEDIR EL VIENTO

a) Anemocinémógrafo

Aparato registrador en un gráfico de la variación cronológica de la dirección , fuerza y recorrido del aire.

b) Veleta aspa de Wild

Anemómetro de observación directa del viento, en el cual el viento actúa sobre una placa liviana suspendida sobre el eje horizontal , cuya inclinación con la vertical esta en función de la velocidad del viento y que por medio de una veleta posiciona el aparato con referencia de donde sopla el viento marcando su dirección.

c) Anemómetro totalizador

Anemómetro de cazoletas o molinete donde la rotación se transmite a un contador mecánico indicando directamente el movimiento del aire que pasa por el anemómetro, o sea mide el recorrido del aire del cual se calcula la velocidad media del aire en Km/hora

Todos estos aparatos se encuentran instalados a diez metros de altura

### 1.1.7

#### **NUBOSIDAD**

Fracción de la bóveda terrestre cubierta por la totalidad de nubes visibles, se divide a la bóveda celeste en octavos llamados (octas)

Este parámetro lo estima el observador por observación directa y no utiliza aparatos para su estimación.

## 1.2 OBTENCIÓN DE LA INFORMACION

- En las estaciones agrometeorológicas o de referencia, se realizan observaciones horarias entre las 07 y 19 horas. En las climatológicas principales, las observaciones son bihorarias y, en las ordinarias se registran tres observaciones diarias (07, 13 y 19 horas).
- En las estaciones pluviométricas pueden realizarse tres tipos de registros: tres observaciones diarias (07, 13 y 19 horas), dos observaciones (07 y 19 horas) o una observación (07 horas).
- Los dos puntos anteriores se refieren exclusivamente a la toma de los datos a través de mediciones, observaciones o registros realizados por el Observador u Operador de la estación a las horas señaladas, en formularios diseñados para el efecto.
- Adicionalmente a la toma de datos por el Observador, también existen los registros gráficos, los cuales registran la evolución de un fenómeno meteorológico en el tiempo, de una manera continua. Estos son de diversa índole, pudiendo ser diarios, semanales, mensuales o para un período específico, dependiendo del instrumento registrador.

## 1.3. PROCESAMIENTO DE LA INFORMACION

- Los valores estadísticos mensuales publicados en el Anuario han sido obtenidos en base de las tres observaciones diarias (07, 13 y 19 horas), independientemente del tipo de estación. El objeto de este procesamiento es entregar al usuario una muestra estadística homogénea a nivel nacional.
- Para el procesamiento de los datos y la obtención de los valores medios, sumas o extremos mensuales, se han seguido normas para cada parámetro; así:

### a) Temperatura.

Los valores estadísticos mensuales de temperatura se obtienen con un mínimo de 20 días de registro de observaciones.

En cuanto a temperaturas extremas, se obtienen las medias mensuales y los valores extremos absolutos de los registros diarios.

Para la temperatura media, se calcula un valor promedio diario de las tres observaciones del termómetro seco. La media mensual se obtiene de los registros medios diarios.

### b) Humedad Relativa.

Los valores de humedad son calculados en base de los datos de los termómetros seco y húmedo, mediante las ecuaciones psicrométricas. Igualmente, los resúmenes mensuales se obtienen con un mínimo de 20 días registrados.

Al igual que la humedad relativa, para la tensión del vapor y el punto de rocío, se calcula el valor medio diario en base a tres observaciones del psicrómetro (termómetro seco y húmedo), luego se obtiene la media mensual en base a éstos.

Los valores extremos de Humedad Relativa, corresponden a la búsqueda de los datos de humedad calculados para cada una de las observaciones del psicrómetro; de la misma manera, los correspondientes valores a punto de rocío y tensión del vapor.

c) Precipitación y Evaporación.

Los valores diarios son calculados como la suma de las observaciones de las 13 y 19 horas del día en cuestión, más la observación de las 07 horas del día siguiente.

Para el cálculo del valor en 24 horas, se requiere fundamentalmente la observación de las 07 horas ya que, siendo un proceso acumulativo, se puede no registrar los datos de las 13 horas y/o de las 19 horas, valores que se acumulan en el registro de las 07 horas del día siguiente; pero, si no se realiza esta última observación, el valor acumulado para la próxima observación corresponderá al valor total del día incluyendo una parte del valor del siguiente día, dejando de ser por tanto, un valor en 24 horas.

La máxima en 24 horas, se obtiene únicamente si ha sido posible calcular el valor en 24 horas para todos los días del mes y corresponde a un dato puntual, considerado el máximo absoluto. Los resúmenes mensuales se obtienen con un mínimo de 20 días registrados.

El valor de la evaporación corresponde a la diferencia entre la evaporación potencial que se obtiene del tanque de evaporación y el valor de la precipitación registrado en el pluviómetro

d) Nubosidad.

Se expresa en octavos de cielo cubierto. Se obtiene un valor medio diario en base a tres observaciones (07, 13 y 19 horas). La media mensual se calcula con un mínimo de 20 datos medios diarios.

e) Viento

Para cada una de las ocho direcciones (N, NE, E, SE, S, SW, W y NW) se obtienen los valores medios mensuales de la velocidad en metros/segundo en base de los registros medios diarios calculados con las tres observaciones diarias. Igualmente se determina la frecuencia en porcentaje, con relación al total de observaciones de viento realizadas.

También se obtiene el porcentaje mensual de calmas ( $v=0$  m/s) registradas, el total de observaciones, la mayor velocidad de viento en el mes y su dirección de las observaciones realizadas durante el mes. Es necesario aclarar que este último valor no debe tomarse como valor de racha máxima.

Otro valor que se presenta es la media mensual de la velocidad del viento en 24 horas. Esta se define como el valor medio del dato calculado diariamente, por diferencia de los registros del anemómetro totalizador de las 07 horas del día en consideración, con el de las 07 horas del día siguiente.

Tanto para los valores medios mensuales de velocidad y frecuencia, como velocidad en 24 horas y máxima, se precisan un mínimo de 20 datos medios diarios.

f) Heliofanía.

El tiempo de duración del brillo solar está expresado en horas y décimos de hora, en relación con las horas teóricas de permanencia del sol sobre el horizonte (12 horas en el Ecuador).

## 2. CODIFICACION DE LA RED DE ESTACIONES METEOROLOGICAS.

### 2.1 ESTRUCTURA DEL CODIGO DE LA ESTACION.

El Banco Nacional de Datos Hidrometeorológicos, ha normalizado el código de identificación de las estaciones Meteorológicas. para facilitar su identificación y administración de toda la información dependiente, sean datos generales, inventario, registros, series, etc.

El código de la estación está formado actualmente por cuatro caracteres, siendo el primero una letra que identifica la red de estaciones que, para el caso de la red de estaciones Meteorológicas es la letra M. Los otros tres caracteres pueden ser letras y/o números, representan un identificador de la estación dentro de la red. Este código es único, de modo que, cuando una estación ha dejado de funcionar o ha sido levantada, se lo mantiene por cuanto identifica la información que se generó en esa estación.

### 2.2 DATOS GENERALES DE LA ESTACION

Para cada una de las estaciones de la red, se publican en el inventario los siguientes datos generales:

- \* Código de la Estación.
- \* Nombre de la Estación.
- \* Código de Tipo-estación
- \* Código Zona hidrológica
- \* Ubicación Geográfica:( Latitud, Longitud y Altura en m.s.n.m).
- \* Ubicación política : código de provincia.
- \* Institución propietaria
- \* Fecha de iniciación de observaciones
- \* Fecha de levantamiento/suspensión

Para facilitar la publicación del inventario se utiliza la codificación de determinados parámetros, los que se detallan a continuación que, responden al tipo de estación, la zona Hidrológica, así como de provincias.

#### CODIGO DEL TIPO DE ESTACION

AP  
CP  
CO  
CE  
AR  
RS  
PV  
PG  
PC  
AN

#### EQUIVALENCIA

Agrometeorológica  
Climatológica Principal  
Climatológica Ordinaria  
Climatológica Especial  
Aeronáutica  
Radio Sonda  
Pluviométrica  
Pluviográfica  
Plataforma Colectora de Datos  
Anemográfica

#### CODIGO DE LA ZONA HIDROLÓGICA

010  
020

#### CUENCA HIDROGRAFICA DEL RIO

Mataje  
Mira

**CODIGO DE LA ZONA HIDROLÓGICA**

030  
040  
050  
060  
070  
080  
090  
100  
110  
120  
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**CUENCA HIDROGRAFICA DEL RIO**

Carchi  
Verde  
Cayapas-Onzole  
Muisne  
Cojimíes  
Esmeraldas  
Jama  
Chone  
Portoviejo  
Jipijapa  
Guayas  
Zapotal  
Taura  
Cañar  
Balao  
Jubones  
Arenillas  
Puyango  
Catamayo  
San Miguel-Putumayo  
Aguarico  
Napo  
Curaray  
Pastaza  
Tigre  
Santiago  
Morona  
Mayo Chinchipe  
Cenepa  
Galápagos

**CODIGO DE LA UBICACION POLITICA**

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**NOMBRE DE LA PROVINCIA**

Carchi  
Imbabura  
Pichincha  
Cotopaxi  
Tungurahua  
Bolívar  
Chimborazo  
Cañar  
Azuay  
Loja  
Esmeraldas  
Manabí  
Los Ríos  
Guayas  
El Oro  
Napo  
Pastaza  
Morona Santiago  
Zamora Chinchipe  
Sucumbíos  
Galápagos

### 3. INSTRUCTIVO PARA EL USO DEL ANUARIO

El Anuario contiene un resumen estadístico anual de las observaciones y mediciones de los parámetros meteorológicos generados por la Red Nacional de Estaciones del INAMHI y de otras instituciones tales como INECEL, INERHI, CRM, DAC, PREDESUR, etc., que han sido procesadas en la Dirección de Informática.

Para facilitar el manejo de esta publicación, se incluye al inicio de la segunda parte un listado de las estaciones climatológicas y pluviométricas ordenadas alfabéticamente que tienen información en el presente anuario, acompañadas de datos generales de ubicación más importantes, así como los números de página en las cuales se encuentran el cuadro de resumen anual climatológico y el registro del resumen anual de precipitación.

#### 3.1 Estadística mensual y anual de Estaciones Climatológicas.

Por cada una de las estaciones climatológicas de las cuales se ha recopilado información se presenta una estadística mensual y anual en el Anuario, cuya información procesada es agrupada y clasificada de acuerdo al siguiente detalle:

- a). Heliofanía (horas y décimos).
  - Suma mensual
  - Total anual
  
- b). Temperatura del aire a la sombra, en grados centígrados (°C).
  - Temperaturas Extremas:
    - Máxima absoluta en 24 horas y fecha producida
    - Mínima absoluta en 24 horas y fecha producida
    - Media máxima mensual
    - Media mínima mensual
  
  - Temperatura Ambiente
    - Media mensual
  
- c). Humedad Relativa (%):
  - Máxima en 24 horas y fecha producida
  - Mínima en 24 horas y fecha producida
  - Media mensual
  - Temperatura del punto de rocío (°C).
    - Media mensual
  
  - Tensión del vapor (HP).
    - Media mensual.
  
- d). Precipitación (mm)
  - Suma mensual
  - Máxima en 24 horas y fecha producida
  - Número de días con precipitación.
  
- e). Evaporación Potencial (mm).
  - Suma mensual
  - Máxima en 24 horas y fecha producida

- f). Nubosidad (octavos de cielo cubierto).  
- Media mensual
- g). Viento.  
Para cada una de las direcciones N, NE, E, SE, S, SW, W y NW, tenemos:  
- Velocidad media mensual (m/s)  
- Frecuencia (%)
- Calma  
- Frecuencia (%)
- Número de observaciones:  
- Valor acumulado para tres observaciones diarias
- Mayor valor de viento de las observaciones(m/s):  
- Velocidad del viento y dirección
- Velocidad media del viento, anemómetro totalizador, (Km/h).  
- Media mensual.

Los valores anuales se obtienen si existen 12 valores mensuales y corresponden a medias anuales, sumas anuales o extremos anuales, dependiendo del elemento meteorológico considerado.

### 3.1.1 Gráficos.

Conjuntamente al resumen climatológico se representan dos gráficos de distribución temporal de precipitación y temperatura, en las estaciones que disponen de suficiente información de precipitación y de temperatura, parámetros o elementos considerados los más importantes.

#### Distribución Temporal de Precipitación.

En este gráfico de barras se representan los valores de las sumas mensuales de precipitación del año correspondiente al anuario y que se encuentran consignados en la columna correspondiente del resumen climatológico; estas precipitaciones son comparados con los valores multianuales de las sumas mensuales de precipitación de toda la serie disponible.

Los días con precipitación, también están representados mediante un pequeño triángulo, cuya graduación corresponde a la escala indicada en el eje derecho del gráfico.

#### Distribución Temporal de Temperatura.

En este gráfico se representan las temperaturas extremas (máxima y mínima) y la media mensual del año correspondiente al anuario. cuyos valores están consignados en el resumen climatológico de la estación.

La temperatura media mensual es comparada con los valores medios mensuales multianuales de toda la serie disponible.



### 3.2. Valores pluviométricos mensuales y anuales.

Este cuadro se integran los valores pluviométricos mensuales y anuales para la red de estaciones climatológicas y pluviométricas, conteniendo la siguiente información.

- Total mensual
- Total anual
- Máxima en 24 horas y fecha producida
- Número de días con precipitación ( mayor o igual a 0.1mm).

### 3.3 Anexos.

Como parte complementaria, se adjunta lo siguiente.

Mapa de isoyetas anuales correspondiente al año del anuario.

Mapa de ubicación de las estaciones meteorológicas cuya información está publicada en el presente anuario.

Listado del inventario de estaciones meteorológicas a nivel nacional que dispone actualmente el INAMHI.

### 3.4. CONSIDERACIONES GENERALES

El usuario del Anuario Meteorológico debe tomar en cuenta las siguientes observaciones que se citan a continuación:

- Las estaciones de El Refugio-Cotopaxi y Carshao se definen como experimentales especiales las cuales requieren, por su ubicación, equipos acorde a los fines específicos que se persiguen. La información publicada debe ser considerada como referencial.
- En los cuadros estadísticos se antepone un asterisco (\*) al mes correspondiente, cuando la información no ha sido procesada. El espacio en blanco indica carencia del dato o inexistencia del instrumental en esa estación o bien, insuficiencia de datos para los cálculos estadísticos.

Se publican únicamente los datos de las estaciones que cuentan con al menos seis meses de información.

- El INAMHI posee información específica, tanto observada, registrada como procesada de todos los datos que se generan en la red de estaciones de su propiedad, así como de otras Instituciones, la misma que no ha sido publicada en el presente Anuario y que podrá ser entregada a los usuarios de acuerdo a sus requerimientos.



## **PARTE II**

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Cuadros estadísticos y resúmenes.



**INDICE DE ESTACIONES METEOROLOGICAS CON INFORMACION PUBLICADA**

| CODIGO | NOMBRE DE LA ESTACION           | TIPO | ZONA<br>HIDRO | LATITUD      |               |      | LONGITUD |          |    | ALTITUD<br>(m) | PROVIN-<br>CIA | INSTIT.<br>PROPIET. | Página de<br>Climatología | Página de<br>Pluviometría |
|--------|---------------------------------|------|---------------|--------------|---------------|------|----------|----------|----|----------------|----------------|---------------------|---------------------------|---------------------------|
|        |                                 |      |               | GG           | MM            | SS   | GG       | MM       | SS |                |                |                     |                           |                           |
| M447   | 24 DE MAYO(JABONCILLO)          | PV   | 130           | 1° 16' 44" S | 80° 25' 6" W  | 115  | 13       | INAMHI   |    |                |                |                     | 120                       |                           |
| M399   | ACHUPALLAS-CHIMBORAZO           | PV   | 130           | 2° 16' 49" S | 78° 46' 6" W  | 3320 | 6        | INAMHI   |    |                |                |                     | 119                       |                           |
| M435   | ALAMOR                          | PV   | 210           | 4° 1' 7" S   | 80° 1' 40" W  | 1250 | 11       | INAMHI   |    |                |                |                     | 120                       |                           |
| M396   | ALAO                            | PV   | 260           | 1° 53' 0" S  | 78° 29' 0" W  | 3200 | 6        | INAMHI   |    |                |                |                     | 119                       |                           |
| M403   | ALAUSI                          | PV   | 130           | 2° 11' 58" S | 78° 50' 47" W | 2420 | 6        | INAMHI   |    |                |                |                     | 120                       |                           |
| M150   | AMALUZA INAMHI                  | CO   | 210           | 4° 35' 5" S  | 79° 25' 50" W | 1672 | 11       | INAMHI   |    |                | 74             |                     | 118                       |                           |
| M066   | AMBATO AEROPUERTO               | AR   | 260           | 1° 12' 0" S  | 78° 34' 0" W  | 2515 | 18       | F A E    |    |                |                |                     | 118                       |                           |
| M314   | AMBUQUI                         | PV   | 20            | 0° 25' 8" N  | 78° 0' 28" W  | 1880 | 10       | INAMHI   |    |                |                |                     | 119                       |                           |
| M174   | ANCON                           | PV   | 140           | 2° 19' 28" S | 80° 50' 54" W | 4    | 9        | INAMHI   |    |                | 86             |                     | 119                       |                           |
| M318   | APUELA-INTAG                    | PV   | 80            | 0° 21' 34" N | 78° 30' 41" W | 1620 | 10       | INAMHI   |    |                |                |                     | 119                       |                           |
| M484   | ARCHIDONA                       | PV   | 240           | 0° 55' 53" S | 77° 50' 13" W | 630  | 15       | INAMHI   |    |                |                |                     | 120                       |                           |
| M021   | ATUNTAQUI                       | CP   | 20            | 0° 19' 39" N | 78° 13' 17" W | 2200 | 10       | INAMHI   |    |                |                |                     | 118                       |                           |
| M051   | BABAHOYO-UTB                    | AP   | 130           | 1° 47' 49" S | 79° 32' 0" W  | 7    | 12       | INAMHI   |    |                |                | 43                  | 118                       |                           |
| M029   | BANNOS                          | CP   | 260           | 1° 23' 29" S | 78° 25' 5" W  | 1846 | 18       | INAMHI   |    |                |                | 37                  | 118                       |                           |
| M782   | BARCELONA                       | PV   | 140           | 1° 54' 0" S  | 80° 41' 0" W  | 0    | 9        | CEDEGE   |    |                |                |                     | 120                       |                           |
| M192   | BELLAVISTA-ISLA S.CRUZ          | CO   | 320           | 0° 42' 0" S  | 90° 22' 0" W  | 194  | 20       | INAMHI   |    |                |                | 96                  | 119                       |                           |
| M137   | BIBLIAN                         | CO   | 280           | 2° 42' 32" S | 78° 53' 30" W | 2640 | 3        | INAMHI   |    |                |                |                     | 118                       |                           |
| M303   | BOLIVAR-CARCHI INAMHI           | PV   | 20            | 0° 30' 19" N | 77° 54' 13" W | 2800 | 4        | INAMHI   |    |                |                |                     | 119                       |                           |
| M486   | BORJA-MISION JOSEFINA           | PV   | 240           | 0° 24' 57" S | 77° 49' 32" W | 1500 | 15       | INAMHI   |    |                |                |                     | 120                       |                           |
| M163   | BOYACA                          | CP   | 100           | 0° 34' 7" S  | 80° 12' 20" W | 370  | 13       | INAMHI   |    |                |                |                     | 118                       |                           |
| M039   | BUCAY                           | CP   | 130           | 2° 11' 44" S | 79° 8' 0" W   | 480  | 9        | INAMHI   |    |                |                |                     | 118                       |                           |
| M107   | CAHUASQUI-FAO                   | CO   | 20            | 0° 31' 5" N  | 78° 12' 40" W | 2335 | 10       | INAMHI   |    |                |                | 49                  | 118                       |                           |
| M394   | CAJABAMBA                       | PV   | 260           | 1° 41' 5" S  | 78° 45' 47" W | 3160 | 6        | INAMHI   |    |                |                |                     | 119                       |                           |
| M543   | CAJANUMA                        | PV   | 210           | 4° 4' 50" S  | 79° 12' 19" W | 2267 | 11       | PREDESUR |    |                |                |                     | 120                       |                           |
| M358   | CALACALI INAMHI                 | PV   | 80            | 0° 0' 5" N   | 78° 30' 45" W | 2810 | 17       | INAMHI   |    |                |                |                     | 119                       |                           |
| M345   | CALDERON                        | PV   | 80            | 0° 5' 54" S  | 78° 25' 15" W | 2645 | 17       | INAMHI   |    |                |                |                     | 119                       |                           |
| M450   | CAMARONES-MANABI                | PV   | 120           | 1° 7' 46" S  | 80° 46' 38" W | 180  | 13       | INAMHI   |    |                |                |                     | 120                       |                           |
| M322   | CAMBUGAN                        | PV   | 20            | 0° 16' 21" N | 78° 23' 22" W | 3160 | 10       | INAMHI   |    |                |                |                     | 119                       |                           |
| M171   | CAMPOSANO #2                    | CP   | 130           | 1° 35' 34" S | 80° 24' 4" W  | 220  | 13       | INAMHI   |    |                |                | 84                  | 118                       |                           |
| M357   | CANAL 10 TV.                    | PG   | 80            | 0° 9' 53" S  | 78° 31' 21" W | 3780 | 17       | INAMHI   |    |                |                |                     | 119                       |                           |
| M031   | CANNAR                          | CP   | 160           | 2° 33' 5" S  | 78° 56' 15" W | 3083 | 3        | INAMHI   |    |                |                | 38                  | 118                       |                           |
| M404   | CANNI-LLIMBE                    | PV   | 130           | 1° 46' 18" S | 78° 59' 25" W | 2800 | 6        | INAMHI   |    |                |                |                     | 120                       |                           |
| M146   | CARIAMANGA                      | AP   | 210           | 4° 20' 0" S  | 79° 33' 16" W | 1950 | 11       | INAMHI   |    |                |                | 70                  | 118                       |                           |
| M515   | CATACOCHA                       | PV   | 210           | 4° 3' 14" S  | 79° 38' 42" W | 1808 | 11       | INAMHI   |    |                |                |                     | 120                       |                           |
| M359   | CAYAMBE                         | PV   | 80            | 0° 3' 14" N  | 78° 8' 22" W  | 2840 | 17       | INAMHI   |    |                |                |                     | 119                       |                           |
| M154   | CAYAPAS                         | CO   | 50            | 0° 51' 18" N | 78° 57' 54" W | 75   | 8        | INAMHI   |    |                |                | 77                  | 118                       |                           |
| M395   | CEBADAS                         | PV   | 260           | 1° 54' 28" S | 78° 38' 27" W | 2930 | 6        | INAMHI   |    |                |                |                     | 119                       |                           |
| M148   | CELICA                          | CO   | 210           | 4° 6' 17" S  | 79° 57' 5" W  | 1984 | 11       | INAMHI   |    |                |                | 72                  | 118                       |                           |
| M482   | CHACRAS                         | CO   | 190           | 3° 32' 37" S | 80° 11' 53" W | 60   | 7        | PREDESUR |    |                |                | 110                 | 120                       |                           |
| M414   | CHANIN                          | PV   | 280           | 2° 40' 13" S | 78° 44' 50" W | 3020 | 3        | INAMHI   |    |                |                |                     | 120                       |                           |
| M191   | CHARLES DARWIN INAMHI           | CO   | 320           | 0° 44' 0" S  | 90° 18' 0" W  | 6    | 20       | INAMHI   |    |                |                | 95                  | 119                       |                           |
| M130   | CHILLANES                       | CO   | 130           | 1° 58' 32" S | 79° 3' 48" W  | 2330 | 2        | INAMHI   |    |                |                | 59                  | 118                       |                           |
| M402   | CHIMBO DJ PANGOR                | PV   | 130           | 1° 56' 24" S | 79° 0' 16" W  | 1452 | 6        | INAMHI   |    |                |                |                     | 120                       |                           |
| M116   | CHIRIBOGA                       | PV   | 80            | 0° 12' 38" S | 78° 46' 55" W | 1750 | 17       | INAMHI   |    |                |                |                     | 118                       |                           |
| M162   | CHONE                           | CO   | 100           | 0° 42' 18" S | 80° 6' 31" W  | 20   | 13       | INAMHI   |    |                |                | 79                  | 118                       |                           |
| M327   | CHONTAL BAJO(GUAYLL.DJ ALAMBI)  | PV   | 80            | 0° 14' 0" N  | 78° 50' 0" W  | 700  | 10       | INAMHI   |    |                |                |                     | 119                       |                           |
| M453   | CHORRILLOS                      | PV   | 110           | 1° 3' 15" S  | 80° 41' 20" W | 220  | 13       | INAMHI   |    |                |                |                     | 120                       |                           |
| M136   | CHUNCHI                         | CO   | 130           | 2° 16' 31" S | 78° 55' 25" W | 2245 | 6        | INAMHI   |    |                |                | 62                  | 118                       |                           |
| M386   | COCHABAMBA(MAGDALENA)           | PV   | 130           | 1° 39' 49" S | 79° 4' 2" W   | 2200 | 2        | INAMHI   |    |                |                |                     | 119                       |                           |
| M544   | COLAISACA                       | PV   | 210           | 4° 19' 0" S  | 79° 41' 35" W | 2410 | 11       | INAMHI   |    |                |                |                     | 120                       |                           |
| M475   | COLIMES DE BALZAR INAMHI        | PV   | 130           | 1° 32' 34" S | 80° 0' 29" W  | 28   | 9        | INAMHI   |    |                |                |                     | 120                       |                           |
| M458   | COLIMES DE PAJAN                | PV   | 130           | 1° 35' 35" S | 80° 30' 32" W | 200  | 13       | INAMHI   |    |                |                |                     | 120                       |                           |
| M397   | COMPUJ                          | PV   | 130           | 2° 20' 22" S | 78° 56' 13" W | 2860 | 6        | INAMHI   |    |                |                |                     | 119                       |                           |
| MA70   | COSMOAGRO                       | CP   | 130           | 2° 14' 8" S  | 79° 11' 47" W | 437  | 9        | INAMHI   |    |                |                |                     | 121                       |                           |
| M317   | COTACACHI-HDA.ESTHERCITA        | PV   | 20            | 0° 18' 54" N | 78° 15' 49" W | 2410 | 10       | INAMHI   |    |                |                |                     | 119                       |                           |
| MA1V   | COTOPILALO CONVENIO INAMHI-CESA | CO   | 0             | 0° 41' 0" S  | 78° 42' 0" W  | 3250 | 5        | INAMHI   |    |                |                | 112                 | 121                       |                           |
| M488   | COTUNDO                         | PV   | 240           | 0° 52' 24" S | 77° 50' 16" W | 790  | 15       | INAMHI   |    |                |                |                     | 120                       |                           |
| M067   | CUENCA AEROPUERTO               | AR   | 280           | 2° 53' 12" S | 78° 59' 0" W  | 2516 | 1        | D A C    |    |                |                |                     | 118                       |                           |
| M418   | CUMBE                           | PV   | 280           | 3° 4' 58" S  | 79° 0' 46" W  | 2720 | 1        | INAMHI   |    |                |                |                     | 120                       |                           |
| M369   | CUSUBAMBA                       | PV   | 260           | 1° 3' 59" S  | 78° 41' 57" W | 2990 | 5        | INAMHI   |    |                |                |                     | 119                       |                           |
| M383   | ECHEANDIA                       | PV   | 130           | 1° 25' 33" S | 79° 17' 22" W | 370  | 2        | INAMHI   |    |                |                |                     | 119                       |                           |
| M451   | EL ANEGADO                      | PV   | 120           | 1° 28' 46" S | 80° 32' 19" W | 380  | 13       | INAMHI   |    |                |                |                     | 120                       |                           |
| M102   | EL ANGEL                        | CO   | 20            | 0° 37' 35" N | 77° 56' 38" W | 3055 | 4        | INAMHI   |    |                |                | 46                  | 118                       |                           |
| M101   | EL CARMELO                      | CO   | 230           | 0° 39' 40" N | 77° 35' 58" W | 2856 | 4        | INAMHI   |    |                |                |                     | 118                       |                           |
| M160   | EL CARMEN                       | CO   | 130           | 0° 16' 51" S | 79° 27' 18" W | 250  | 13       | INAMHI   |    |                |                | 78                  | 118                       |                           |
| M123   | EL CORAZON                      | CO   | 130           | 1° 8' 2" S   | 79° 4' 32" W  | 1560 | 5        | INAMHI   |    |                |                | 54                  | 118                       |                           |
| M785   | EL COROZO                       | CO   | 140           | 2° 5' 0" S   | 80° 31' 0" W  | 0    | 9        | CEDEGE   |    |                |                | 111                 | 121                       |                           |
| MA58   | EL INGENIO                      | PG   | 210           | 4° 24' 53" S | 79° 25' 55" W | 1189 | 11       | PREDESUR |    |                |                |                     | 121                       |                           |
| M141   | EL LABRADO                      | CO   | 280           | 2° 43' 58" S | 79° 0' 29" W  | 3260 | 1        | INAMHI   |    |                |                | 66                  | 118                       |                           |
| M433   | EL LUCERO INAMHI                | PV   | 210           | 4° 23' 59" S | 79° 28' 18" W | 1180 | 11       | INAMHI   |    |                |                |                     | 120                       |                           |
| M502   | EL PANGUI                       | PV   | 280           | 3° 38' 47" S | 78° 34' 18" W | 820  | 19       | INAMHI   |    |                |                |                     | 120                       |                           |
| M487   | EL PLAYON DE SAN FRANCISCO      | PV   | 230           | 0° 37' 50" N | 77° 37' 46" W | 2980 | 21       | INAMHI   |    |                |                |                     | 120                       |                           |
| M175   | EL PROGRESO-GUAYAS              | CO   | 140           | 2° 24' 0" S  | 80° 22' 0" W  | 80   | 9        | INAMHI   |    |                |                | 87                  | 119                       |                           |
| M343   | EL QUINCHE-PICHINCHA            | PV   | 80            | 0° 6' 8" S   | 78° 18' 12" W | 2605 | 17       | INAMHI   |    |                |                |                     | 119                       |                           |
| M121   | EL REFUGIO-COTOPAXI             | CE   | 260           | 0° 39' 33" S | 78° 34' 12" W | 4800 | 5        | INAMHI   |    |                |                | 53                  | 118                       |                           |
| M759   | EL TAMBO-LOJA                   | PV   | 210           | 4° 4' 25" S  | 79° 18' 0" W  | 1580 | 11       | PREDESUR |    |                |                |                     | 120                       |                           |
| M269   | ESMERALDAS INOCAR(LAS PALMAS)   | CO   | 80            | 0° 59' 7" N  | 79° 38' 7" W  | 6    | 8        | INOCAR   |    |                |                | 105                 | 119                       |                           |
| M058   | ESMERALDAS-TACHINA              | AR   | 80            | 0° 58' 45" N | 79° 37' 28" W | 7    | 8        | D A C    |    |                |                |                     | 118                       |                           |
| M301   | FF CC CARCHI                    | PV   | 20            | 0° 36' 36" N | 78° 7' 56" W  | 1280 | 4        | INAMHI   |    |                |                |                     | 119                       |                           |
| M325   | GARCIA MORENO                   | PV   | 80            | 0° 14' 2" N  | 78° 37' 37" W | 1950 | 10       | INAMHI   |    |                |                |                     | 119                       |                           |
| M419   | GIROJ                           | PV   | 280           | 3° 9' 14" S  | 79° 8' 58" W  | 2130 | 1        | INAMHI   |    |                |                |                     | 120                       |                           |
| M149   | GONZANAMA                       | CO   | 210           | 4° 13' 49" S | 79° 25' 52" W | 2042 | 11       | INAMHI   |    |                |                | 73                  | 118                       |                           |

continúa..

## INDICE DE ESTACIONES METEOROLOGICAS CON INFORMACION PUBLICADA

| CODIGO | NOMBRE DE LA ESTACION          | TIPO | ZONA<br>HIDRO | LATITUD |     |       | LONGITUD |     |       | ALTITUD<br>(m) | PROVIN-<br>CIA | INSTIT.<br>PROPIET | Página de<br>Climatología | Página de<br>Pluviometría |
|--------|--------------------------------|------|---------------|---------|-----|-------|----------|-----|-------|----------------|----------------|--------------------|---------------------------|---------------------------|
|        |                                |      |               | GG      | MM  | SS    | GG       | MM  | SS    |                |                |                    |                           |                           |
| M292   | GRANJA STA.INES(UTM)           | CP   | 180           | 3°      | 17' | 16" S | 79°      | 54' | 5" W  | 5              | 7              | INAMHI             | 107                       | 119                       |
| M139   | GUALACEO                       | CO   | 280           | 2°      | 52' | 55" S | 78°      | 46' | 35" W | 2360           | 1              | INAMHI             | 64                        | 118                       |
| M189   | GUALAQUIZA INAMHI              | CO   | 280           | 3°      | 24' | 0" S  | 78°      | 34' | 0" W  | 750            | 14             | INAMHI             | 93                        | 119                       |
| M909   | GUALSAQUI                      | PV   | 20            | 0°      | 19' | 15" N | 78°      | 24' | 30" W | 2710           | 10             | INAMHI             |                           | 121                       |
| M408   | GUANO                          | PV   | 260           | 1°      | 36' | 19" S | 78°      | 37' | 11" W | 2620           | 6              | INAMHI             |                           | 120                       |
| M133   | GUASLAN                        | CO   | 260           | 1°      | 43' | 15" S | 78°      | 39' | 40" W | 2750           | 6              | INAMHI             | 60                        | 118                       |
| M405   | GUASUNTOS                      | PV   | 130           | 2°      | 13' | 45" S | 78°      | 48' | 38" W | 2540           | 6              | INAMHI             |                           | 120                       |
| M056   | GUAYAQUIL AEROPUERTO           | AR   | 130           | 2°      | 9'  | 12" S | 79°      | 53' | 0" W  | 5              | 9              | D A C              |                           | 118                       |
| M075   | GUAYAQUIL INOCAR               | CP   | 130           | 2°      | 16' | 1" S  | 79°      | 54' | 3" W  | 4              | 9              | INOCAR             | 45                        | 118                       |
| MA2V   | GUAYAQUIL-RADIO SONDA          | CO   | 0             | 2°      | 12' | 0" S  | 79°      | 53' | 0" W  | 6              | 9              | INAMHI             | 115                       | 121                       |
| M341   | GUAYLLABAMBA                   | PV   | 80            | 0°      | 3'  | 25" S | 78°      | 20' | 35" W | 2150           | 17             | INAMHI             |                           | 119                       |
| M365   | GUAYTACAMA                     | PV   | 260           | 0°      | 49' | 14" S | 78°      | 38' | 25" W | 3075           | 5              | INAMHI             |                           | 119                       |
| M328   | HDA.LA MARIA-ANEXAS(LETICIA)   | PV   | 20            | 0°      | 22' | 0" N  | 78°      | 15' | 0" W  | 2600           | 10             | INAMHI             |                           | 119                       |
| M422   | HDA.STA.LUCIA-CAMINO RIRCAY    | PV   | 180           | 3°      | 16' | 20" S | 79°      | 15' | 26" W | 1310           | 1              | INAMHI             |                           | 120                       |
| M380   | HUAMBALO                       | PV   | 260           | 1°      | 23' | 14" S | 78°      | 31' | 39" W | 2880           | 18             | INAMHI             |                           | 119                       |
| M053   | IBARRA AEROPUERTO              | AR   | 20            | 0°      | 20' | 0" N  | 78°      | 6'  | 0" W  | 2214           | 10             | F A E              |                           | 118                       |
| M411   | INGAPIRCA                      | PG   | 160           | 2°      | 32' | 21" S | 78°      | 52' | 29" W | 3100           | 3              | INAMHI             |                           | 120                       |
| MA2U   | INGENIO AZTRA (LA TRONCAL)     | CP   | 0             | 2°      | 22' | 27" S | 79°      | 22' | 27" W | 50             | 3              | INAMHI             | 114                       | 121                       |
| M218   | INGENIO SAN CARLOS             | CP   | 130           | 2°      | 12' | 0" S  | 79°      | 26' | 35" W | 35             | 9              | INAMHI             | 98                        | 119                       |
| M001   | INGUINCHO                      | CO   | 20            | 0°      | 15' | 30" N | 78°      | 44' | 3" W  | 3185           | 10             | INAMHI             | 23                        | 118                       |
| M118   | INIAP-SUPLEMENTARIA PORCINOS   | CO   | 80            | 0°      | 21' | 0" S  | 78°      | 30' | 0" W  | 2758           | 17             | INAMHI             | 52                        | 118                       |
| M283   | INMORIEC-EL VERGEL             | CP   | 130           | 0°      | 46' | 54" S | 79°      | 21' | 13" W | 155            | 12             | INAMHI             | 106                       | 119                       |
| M003   | IZOBAMBA                       | AP   | 80            | 0°      | 22' | 0" S  | 78°      | 33' | 0" W  | 3058           | 17             | INAMHI             | 25                        | 118                       |
| M167   | JAMA                           | CP   | 90            | 0°      | 12' | 25" S | 80°      | 16' | 26" W | 5              | 13             | INAMHI             | 82                        | 118                       |
| M456   | JAMA AJ MARIANO                | PV   | 90            | 0°      | 16' | 32" S | 80°      | 15' | 16" W | 20             | 13             | INAMHI             |                           | 120                       |
| M438   | JIMBURA                        | PV   | 210           | 4°      | 37' | 38" S | 79°      | 27' | 50" W | 2094           | 11             | INAMHI             |                           | 120                       |
| M455   | JOA-JIPIJAPA                   | PV   | 120           | 1°      | 22' | 47" S | 80°      | 38' | 1" W  | 195            | 13             | INAMHI             |                           | 120                       |
| M169   | JULCUY                         | CO   | 130           | 1°      | 28' | 48" S | 80°      | 37' | 56" W | 240            | 13             | INAMHI             | 83                        | 118                       |
| M305   | JULIO ANDRADE                  | PV   | 20            | 0°      | 39' | 21" N | 77°      | 43' | 25" W | 2790           | 4              | INAMHI             |                           | 119                       |
| M462   | JUNIN                          | PV   | 100           | 0°      | 56' | 4" S  | 80°      | 12' | 30" W | 70             | 13             | INAMHI             |                           | 120                       |
| M033   | LA ARGELIA-LOJA                | AP   | 280           | 4°      | 2'  | 11" S | 79°      | 12' | 4" W  | 2160           | 11             | INAMHI             | 39                        | 118                       |
| M476   | LA CAPILLA INAMHI              | PV   | 130           | 1°      | 41' | 46" S | 79°      | 59' | 45" W | 7              | 9              | INAMHI             |                           | 120                       |
| M335   | LA CHORRERA                    | PV   | 80            | 0°      | 12' | 6" S  | 78°      | 32' | 6" W  | 3165           | 17             | JUZ. INQUI.        |                           | 119                       |
| M025   | LA CONCORDIA                   | CP   | 80            | 0°      | 1'  | 36" N | 79°      | 22' | 17" W | 360            | 17             | INAMHI             | 35                        | 118                       |
| M448   | LA LAGUNA                      | PV   | 110           | 1°      | 9'  | 10" S | 80°      | 37' | 27" W | 200            | 13             | INAMHI             |                           | 120                       |
| MA50   | LA LIBERTAD-INOCAR             | CO   | 140           | 2°      | 14' | 0" S  | 80°      | 56' | 0" W  | 5              | 9              | INOCAR             | 116                       | 121                       |
| M508   | LA SOLEDAD-ISLA SAN CRISTOBAL  | PV   | 320           | 0°      | 52' | 0" S  | 89°      | 33' | 0" W  | 300            | 20             | INAMHI             |                           | 120                       |
| M002   | LA TOLA                        | AP   | 80            | 0°      | 13' | 46" S | 78°      | 22' | 0" W  | 2480           | 17             | INAMHI             | 24                        | 118                       |
| M060   | LA TOMA-CATAMAYO               | AR   | 210           | 3°      | 59' | 34" S | 79°      | 22' | 15" W | 1230           | 11             | F A E              |                           | 118                       |
| M009   | LA VICTORIA INERHI             | AP   | 80            | 0°      | 3'  | 36" S | 78°      | 12' | 2" W  | 2200           | 17             | INERHI             | 31                        | 118                       |
| M351   | LAS DELICIAS-PICHINCHA         | PV   | 80            | 0°      | 15' | 27" S | 79°      | 24' | 11" W | 340            | 17             | INAMHI             |                           | 119                       |
| M362   | LAS PAMPAS                     | PG   | 80            | 0°      | 26' | 36" S | 78°      | 58' | 0" W  | 1640           | 5              | INAMHI             |                           | 119                       |
| M064   | LATACUNGA AEROPUERTO           | AR   | 260           | 0°      | 54' | 48" S | 78°      | 36' | 56" W | 2785           | 5              | F A E              |                           | 118                       |
| M760   | LAURO GUERRERO                 | PV   | 210           | 3°      | 58' | 5" S  | 79°      | 45' | 31" W | 1910           | 11             | PREDESUR           |                           | 120                       |
| M407   | LICTO                          | PV   | 260           | 1°      | 48' | 20" S | 78°      | 36' | 0" W  | 2840           | 6              | INAMHI             |                           | 120                       |
| M775   | LIMONCITO                      | PG   | 140           | 2°      | 13' | 0" S  | 80°      | 14' | 0" W  | 0              | 9              | CEDEGE             |                           | 120                       |
| M497   | LOGRONNO                       | PV   | 280           | 2°      | 16' | 52" S | 78°      | 25' | 44" W | 0              | 14             | INAMHI             |                           | 120                       |
| M364   | LORETO PEDREGAL                | PV   | 80            | 0°      | 33' | 41" S | 78°      | 25' | 35" W | 3620           | 17             | INAMHI             |                           | 119                       |
| M072   | MACHALA AEROPUERTO             | AR   | 180           | 3°      | 15' | 50" S | 79°      | 57' | 40" W | 4              | 7              | F A E              |                           | 118                       |
| M185   | MACHALA-UTM                    | AP   | 180           | 3°      | 3'  | 0" S  | 79°      | 44' | 0" W  | 13             | 7              | INAMHI             | 91                        | 119                       |
| M143   | MALACATOS                      | CO   | 210           | 4°      | 12' | 58" S | 79°      | 16' | 16" W | 1453           | 11             | INAMHI             | 68                        | 118                       |
| M111   | MALCHINGUI INAMHI              | CP   | 80            | 0°      | 3'  | 20" N | 78°      | 19' | 56" W | 2840           | 17             | INAMHI             | 50                        | 118                       |
| M460   | MANCHA GRANDE                  | PV   | 110           | 1°      | 4'  | 10" S | 80°      | 11' | 23" W | 130            | 13             | INAMHI             |                           | 120                       |
| M047   | MANTA INOCAR                   | CO   | 120           | 0°      | 56' | 3" S  | 80°      | 44' | 2" W  | 3              | 13             | INOCAR             | 42                        | 118                       |
| M310   | MARIANO ACOSTA                 | PG   | 20            | 0°      | 18' | 6" N  | 77°      | 58' | 54" W | 2980           | 10             | INAMHI             |                           | 119                       |
| M762   | MERCADILLO                     | PV   | 210           | 4°      | 1'  | 10" S | 79°      | 59' | 5" W  | 1125           | 11             | PREDESUR           |                           | 120                       |
| M037   | MILAGRO(INGENIO VALDEZ)        | CP   | 130           | 2°      | 6'  | 56" S | 79°      | 35' | 57" W | 13             | 9              | INAMHI             | 40                        | 118                       |
| M470   | MOCACHE                        | PV   | 130           | 1°      | 10' | 37" S | 79°      | 29' | 39" W | 0              | 12             | INAMHI             |                           | 120                       |
| M468   | MONTALVO-LOS RIOS              | PV   | 130           | 1°      | 46' | 32" S | 79°      | 17' | 59" W | 160            | 12             | INAMHI             |                           | 120                       |
| M010   | MONTESERRIN                    | AP   | 80            | 0°      | 3'  | 35" S | 78°      | 16' | 57" W | 2600           | 17             | INERHI             | 32                        | 118                       |
| M910   | MORASPURO-IMBABURA             | PV   | 20            | 0°      | 16' | 19" N | 78°      | 20' | 32" W | 2880           | 10             | INAMHI             |                           | 121                       |
| M368   | MORASPURO-COTOPAXI             | PV   | 130           | 1°      | 10' | 34" S | 79°      | 13' | 21" W | 450            | 5              | INAMHI             |                           | 119                       |
| M153   | MUISNE                         | CO   | 60            | 0°      | 36' | 54" N | 80°      | 1'  | 28" W | 6              | 8              | INAMHI             | 76                        | 118                       |
| M420   | NABON INAMHI                   | PV   | 180           | 3°      | 20' | 2" S  | 79°      | 3'  | 58" W | 2750           | 1              | INAMHI             |                           | 120                       |
| M763   | NAMBACOLA                      | CO   | 210           | 4°      | 8'  | 26" S | 79°      | 26' | 2" W  | 1822           | 11             | PREDESUR           |                           | 120                       |
| M339   | NANEGALITO                     | PG   | 80            | 0°      | 4'  | 0" N  | 78°      | 40' | 35" W | 1633           | 17             | INAMHI             |                           | 119                       |
| M176   | NARANJAL                       | CO   | 170           | 2°      | 39' | 44" S | 79°      | 39' | 23" W | 30             | 9              | INAMHI             | 88                        | 119                       |
| M361   | NONO                           | PG   | 80            | 0°      | 3'  | 41" S | 78°      | 34' | 31" W | 2730           | 17             | INAMHI             |                           | 119                       |
| M007   | NUEVO ROCAFUERTE               | AP   | 240           | 0°      | 55' | 0" S  | 75°      | 25' | 0" W  | 205            | 15             | INAMHI             | 29                        | 118                       |
| M166   | OLMEDO-MANABI                  | CP   | 130           | 1°      | 23' | 44" S | 80°      | 12' | 39" W | 50             | 13             | INAMHI             | 81                        | 118                       |
| M023   | OLMEDO-PICHINCHA               | CO   | 80            | 0°      | 8'  | 53" N | 78°      | 2'  | 52" W | 3120           | 17             | INAMHI             | 33                        | 118                       |
| M421   | ONNA                           | PV   | 180           | 3°      | 27' | 52" S | 79°      | 9'  | 15" W | 2320           | 1              | INAMHI             |                           | 120                       |
| M105   | OTAVALO                        | CO   | 20            | 0°      | 14' | 16" N | 78°      | 15' | 35" W | 2556           | 10             | INAMHI             | 48                        | 118                       |
| M312   | PABLO ARENAS                   | PV   | 20            | 0°      | 30' | 15" N | 78°      | 11' | 5" W  | 2340           | 10             | INAMHI             |                           | 119                       |
| M135   | PACHAMAMA-TIXAN                | CO   | 130           | 2°      | 11' | 42" S | 78°      | 46' | 54" W | 3690           | 6              | INAMHI             | 61                        | 118                       |
| M184   | PAGUA                          | CO   | 170           | 3°      | 4'  | 10" S | 79°      | 46' | 4" W  | 8              | 7              | INAMHI             | 90                        | 119                       |
| M391   | PALLATANGA                     | PG   | 130           | 1°      | 59' | 57" S | 78°      | 57' | 54" W | 1500           | 6              | INAMHI             |                           | 119                       |
| M293   | PALMORIENTE-HUASHITO           | CO   | 240           | 0°      | 19' | 0" S  | 77°      | 4'  | 6" W  | 360            | 15             | INAMHI             | 108                       | 119                       |
| M409   | PANGOR-J.DE VELASCO(H.TEPEYAC) | PV   | 130           | 1°      | 49' | 42" S | 78°      | 52' | 54" W | 3360           | 6              | INAMHI             |                           | 120                       |
| M188   | PAPALLACTA                     | CO   | 240           | 0°      | 21' | 54" S | 78°      | 8'  | 41" W | 3150           | 15             | INAMHI             | 92                        | 119                       |
| M506   | PAQUISHA                       | PV   | 280           | 3°      | 54' | 40" S | 78°      | 38' | 26" W | 650            | 19             | INAMHI             |                           | 120                       |
| M040   | PASAJE                         | PV   | 180           | 3°      | 19' | 47" S | 79°      | 46' | 55" W | 40             | 7              | INAMHI             |                           | 118                       |

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**INDICE DE ESTACIONES METEOROLOGICAS CON INFORMACION PUBLICADA**

| CODIGO | NOMBRE DE LA ESTACION          | TIPO | ZONA<br>HIDRO | LATITUD |     |       | LONGITUD |     |       | ALTITUD<br>(m) | PROVIN-<br>CIA | INSTIT.<br>PROPIET. | Página de<br>Climatología | Página de<br>Pluviometría |
|--------|--------------------------------|------|---------------|---------|-----|-------|----------|-----|-------|----------------|----------------|---------------------|---------------------------|---------------------------|
|        |                                |      |               | GG      | MM  | SS    | GG       | MM  | SS    |                |                |                     |                           |                           |
| M371   | PASTOCALLE                     | PV   | 260           | 0°      | 43' | 30" S | 78°      | 37' | 57" W | 3130           | 5              | INAMHI              |                           | 119                       |
| M126   | PATATE                         | CO   | 260           | 1°      | 18' | 1" S  | 78°      | 30' | 0" W  | 2360           | 18             | INAMHI              | 56                        | 118                       |
| M138   | PAUTE                          | CO   | 280           | 2°      | 46' | 39" S | 78°      | 45' | 32" W | 2289           | 1              | INAMHI              | 63                        | 118                       |
| M128   | PEDRO FERMIN CEVALLOS(COLEGIO) | CO   | 260           | 1°      | 21' | 9" S  | 78°      | 36' | 54" W | 2910           | 18             | INAMHI              | 58                        | 118                       |
| M006   | PICHLINGUE                     | AP   | 130           | 1°      | 6'  | 0" S  | 79°      | 27' | 42" W | 120            | 12             | INAMHI              | 28                        | 118                       |
| M376   | PILAHUIN                       | PV   | 260           | 1°      | 18' | 8" S  | 78°      | 43' | 50" W | 3360           | 18             | INAMHI              |                           | 119                       |
| M122   | PILALO                         | CO   | 130           | 0°      | 56' | 37" S | 78°      | 59' | 42" W | 2520           | 5              | INAMHI              |                           | 118                       |
| M127   | PILLARO                        | CO   | 260           | 1°      | 1'  | 10" S | 78°      | 33' | 10" W | 2805           | 18             | INAMHI              | 57                        | 118                       |
| M315   | PIMAMPIRO                      | PV   | 20            | 0°      | 23' | 16" N | 77°      | 55' | 48" W | 2090           | 10             | INAMHI              |                           | 119                       |
| M773   | PINNAS                         | PV   | 200           | 3°      | 40' | 36" S | 79°      | 42' | 10" W | 1126           | 7              | INAMHI              |                           | 120                       |
| M417   | PISCICOLA CHIRIMICHAY          | PV   | 280           | 2°      | 46' | 28" S | 79°      | 10' | 20" W | 3270           | 1              | INAMHI              |                           | 120                       |
| M173   | PLAYAS-GRAL.VILLAMIL           | CO   | 140           | 2°      | 37' | 41" S | 80°      | 24' | 4" W  | 6              | 9              | INAMHI              |                           | 119                       |
| MB74   | POMASQUI                       | CO   | 80            | 0°      | 3'  | 0" S  | 78°      | 27' | 0" W  | 2402           | 17             | INAMHI              |                           | 121                       |
| M479   | PORTOVELO                      | PV   | 200           | 3°      | 42' | 38" S | 79°      | 37' | 7" W  | 747            | 7              | INAMHI              |                           | 120                       |
| M005   | PORTOVIEJO-UTM                 | AP   | 110           | 1°      | 2'  | 26" S | 80°      | 27' | 54" W | 60             | 13             | INAMHI              | 27                        | 118                       |
| M172   | PUEBLO VIEJO                   | CO   | 130           | 1°      | 31' | 5" S  | 79°      | 32' | 30" W | 32             | 12             | INAMHI              | 85                        | 119                       |
| M195   | PUERTO BOLIVAR                 | CO   | 190           | 3°      | 15' | 24" S | 80°      | 0'  | 0" W  | 4              | 7              | INOCAR              | 97                        | 119                       |
| M457   | PUERTO CAYO                    | PV   | 120           | 1°      | 20' | 58" S | 80°      | 44' | 11" W | 6              | 13             | INAMHI              |                           | 120                       |
| M026   | PUERTO ILA                     | CO   | 130           | 0°      | 28' | 34" S | 79°      | 20' | 20" W | 260            | 17             | INAMHI              | 36                        | 118                       |
| M477   | PUERTO INCA(CANNAR EN)         | PV   | 160           | 2°      | 31' | 49" S | 79°      | 32' | 38" W | 50             | 9              | INAMHI              |                           | 120                       |
| M228   | PUNA                           | CO   | 140           | 2°      | 44' | 3" S  | 79°      | 54' | 5" W  | 45             | 9              | INOCAR              | 101                       | 119                       |
| M243   | PUNGALES                       | CO   | 260           | 1°      | 35' | 0" S  | 78°      | 34' | 0" W  | 2550           | 6              | INAMHI              | 103                       | 119                       |
| M008   | PUYO                           | AP   | 260           | 1°      | 30' | 27" S | 77°      | 56' | 38" W | 960            | 16             | INAMHI              | 30                        | 118                       |
| M258   | QUEROCHACA(UTA)                | AP   | 260           | 1°      | 24' | 0" S  | 78°      | 35' | 0" W  | 2940           | 18             | INAMHI              | 104                       | 119                       |
| M241   | QUILANGA                       | CO   | 210           | 4°      | 18' | 5" S  | 79°      | 23' | 57" W | 1819           | 11             | PREDESUR            | 102                       | 119                       |
| M024   | QUITO INAMHI-INNAQUITO         | CE   | 80            | 0°      | 10' | 0" S  | 78°      | 29' | 0" W  | 2812           | 17             | INAMHI              | 34                        | 118                       |
| M370   | RAMON CAMPANNA                 | PV   | 130           | 1°      | 6'  | 59" S | 79°      | 5'  | 10" W | 1560           | 5              | INAMHI              |                           | 119                       |
| M426   | RICAUARTE-CUENCA               | PV   | 280           | 2°      | 51' | 3" S  | 78°      | 56' | 55" W | 2545           | 1              | INAMHI              |                           | 120                       |
| M464   | RIO CHAMOTETE-JESUS MARIA      | PV   | 110           | 1°      | 2'  | 12" S | 80°      | 13' | 58" W | 40             | 13             | INAMHI              |                           | 120                       |
| M454   | RIO CHICO EN ALAJUELA          | PV   | 110           | 1°      | 3'  | 16" S | 80°      | 17' | 33" W | 20             | 13             | INAMHI              |                           | 120                       |
| M461   | RIO CHICO-PECHICHE             | PV   | 110           | 0°      | 59' | 10" S | 80°      | 25' | 41" W | 30             | 13             | INAMHI              |                           | 120                       |
| M410   | RIO MAZAR-RIVERA               | PG   | 280           | 2°      | 34' | 25" S | 78°      | 39' | 0" W  | 2450           | 3              | INAMHI              |                           | 120                       |
| M388   | RIO SAN ANTONIO-MONJAS         | PV   | 130           | 1°      | 57' | 0" S  | 79°      | 14' | 0" W  | 2200           | 2              | INAMHI              |                           | 119                       |
| M378   | RIO VERDE                      | PV   | 260           | 1°      | 24' | 4" S  | 78°      | 17' | 43" W | 1200           | 18             | INAMHI              |                           | 119                       |
| M057   | RIOBAMBA AEROPUERTO            | AR   | 260           | 1°      | 39' | 0" S  | 78°      | 39' | 0" W  | 2760           | 6              | F A E               |                           | 118                       |
| M165   | ROCAFUERTE                     | CO   | 110           | 0°      | 55' | 21" S | 80°      | 26' | 55" W | 20             | 13             | INAMHI              | 80                        | 118                       |
| M353   | RUMIPAMBA-PICHINCHA            | PV   | 80            | 0°      | 25' | 39" S | 78°      | 24' | 57" W | 2940           | 17             | INAMHI              |                           | 119                       |
| M004   | RUMIPAMBA-SALCEDO              | AP   | 260           | 1°      | 1'  | 5" S  | 78°      | 35' | 32" W | 2628           | 5              | U. C. E.            | 26                        | 118                       |
| M765   | SABANILLA-PREDESUR             | PV   | 210           | 4°      | 9'  | 52" S | 80°      | 6'  | 43" W | 733            | 11             | PREDESUR            |                           | 120                       |
| M439   | SABIANGO INAMHI                | PV   | 210           | 4°      | 21' | 40" S | 79°      | 48' | 37" W | 734            | 11             | INAMHI              |                           | 120                       |
| M441   | SAGUE(SAN MATEO)               | PV   | 80            | 0°      | 53' | 52" N | 79°      | 37' | 58" W | 15             | 8              | INAMHI              |                           | 120                       |
| M385   | SALINAS-BOLIVAR                | PV   | 130           | 1°      | 24' | 13" S | 79°      | 1'  | 6" W  | 3600           | 2              | INAMHI              |                           | 119                       |
| M221   | SAN CRISTOBAL-GALAPAGOS        | RS   | 320           | 0°      | 54' | 0" S  | 89°      | 36' | 0" W  | 6              | 20             | INAMHI              | 99                        | 119                       |
| M324   | SAN FRANCISCO DE SIGSIPAMBA    | PV   | 20            | 0°      | 17' | 40" N | 77°      | 54' | 49" W | 2230           | 10             | INAMHI              |                           | 119                       |
| M503   | SAN FRANCISCO-SAN RAMON        | PV   | 280           | 3°      | 57' | 50" S | 79°      | 4'  | 19" W | 1620           | 19             | INAMHI              |                           | 120                       |
| M103   | SAN GABRIEL                    | CO   | 20            | 0°      | 36' | 15" N | 77°      | 49' | 10" W | 2860           | 4              | INAMHI              | 47                        | 118                       |
| M446   | SAN ISIDRO-MANABI              | PV   | 90            | 0°      | 22' | 14" S | 80°      | 9'  | 37" W | 150            | 13             | INAMHI              |                           | 120                       |
| M337   | SAN JOSE DE MINAS              | PV   | 80            | 0°      | 10' | 32" N | 78°      | 24' | 30" W | 2417           | 17             | INAMHI              |                           | 119                       |
| M124   | SAN JUAN LA MANA               | CO   | 130           | 0°      | 54' | 59" S | 79°      | 14' | 44" W | 223            | 5              | INAMHI              | 55                        | 118                       |
| M393   | SAN JUAN-CHIMBORAZO            | PV   | 260           | 1°      | 37' | 35" S | 78°      | 47' | 0" W  | 3220           | 6              | INAMHI              |                           | 119                       |
| M354   | SAN JUAN-PICHINCHA(CHILLOG.)   | PV   | 80            | 0°      | 17' | 5" S  | 78°      | 37' | 57" W | 3440           | 17             | INAMHI              |                           | 119                       |
| M224   | SAN LORENZO                    | CP   | 10            | 1°      | 16' | 6" N  | 78°      | 50' | 30" W | 5              | 8              | INOCAR              | 100                       | 119                       |
| M432   | SAN LUCAS INAMHI               | PV   | 280           | 3°      | 43' | 55" S | 79°      | 15' | 41" W | 2525           | 11             | INAMHI              |                           | 120                       |
| M459   | SAN PABLO-MANABI               | PV   | 120           | 1°      | 34' | 44" S | 80°      | 35' | 30" W | 435            | 13             | INAMHI              |                           | 120                       |
| M319   | SAN RAFAEL DEL LAGO            | PV   | 20            | 0°      | 12' | 0" N  | 78°      | 14' | 24" W | 2790           | 10             | INAMHI              |                           | 119                       |
| M030   | SAN SIMON                      | CP   | 130           | 1°      | 38' | 45" S | 78°      | 59' | 52" W | 2530           | 2              | INAMHI              |                           | 118                       |
| M449   | SANCAN                         | PV   | 110           | 1°      | 15' | 29" S | 80°      | 35' | 12" W | 245            | 13             | INAMHI              |                           | 120                       |
| M041   | SANGAY(P. SANTA ANA)           | CP   | 260           | 1°      | 41' | 35" S | 77°      | 57' | 0" W  | 880            | 14             | INAMHI              | 41                        | 118                       |
| M348   | SANTA ANITA-KM.10 VIA CHONE    | PV   | 80            | 0°      | 13' | 50" S | 79°      | 14' | 54" W | 566            | 17             | INAMHI              |                           | 119                       |
| M027   | SANTO DOMINGO AEROPUERTO       | CP   | 80            | 0°      | 14' | 44" S | 79°      | 12' | 0" W  | 554            | 17             | D A C               |                           | 118                       |
| M375   | SAQUISILI                      | PV   | 260           | 0°      | 50' | 16" S | 78°      | 39' | 52" W | 2920           | 5              | INAMHI              |                           | 119                       |
| M142   | SARAGURO                       | CO   | 180           | 3°      | 37' | 14" S | 79°      | 13' | 56" W | 2525           | 11             | INAMHI              | 67                        | 118                       |
| M490   | SARDINAS                       | PV   | 240           | 0°      | 22' | 16" S | 77°      | 48' | 6" W  | 1615           | 15             | INAMHI              |                           | 120                       |
| M437   | SAUCILLO(ALAMOR EN)            | PV   | 210           | 4°      | 16' | 51" S | 80°      | 11' | 55" W | 328            | 11             | INAMHI              |                           | 120                       |
| M427   | SAYAUSI(MATADERO DJ.)          | PV   | 280           | 2°      | 51' | 57" S | 79°      | 4'  | 34" W | 2780           | 1              | INAMHI              |                           | 120                       |
| M326   | SELVA ALEGRE-IMBABURA          | PV   | 80            | 0°      | 15' | 4" N  | 78°      | 34' | 24" W | 1800           | 10             | INAMHI              |                           | 119                       |
| M431   | SEVILLA DE ORO                 | PV   | 280           | 2°      | 47' | 51" S | 78°      | 39' | 11" W | 2360           | 1              | INAMHI              |                           | 120                       |
| MA54   | SIERRAZUL                      | CO   | 0             | 0°      | 40' | 26" S | 77°      | 55' | 36" W | 2240           | 15             | INAMHI              | 117                       | 121                       |
| M363   | SIGCHOS                        | PV   | 80            | 0°      | 41' | 58" S | 78°      | 53' | 25" W | 2880           | 5              | INAMHI              |                           | 119                       |
| M424   | SIGSIG INAMHI                  | PV   | 280           | 3°      | 2'  | 54" S | 78°      | 47' | 10" W | 2600           | 1              | INAMHI              |                           | 120                       |
| M434   | SOZORANGA INAMHI               | PG   | 210           | 4°      | 19' | 29" S | 79°      | 47' | 20" W | 1510           | 11             | INAMHI              |                           | 120                       |
| M768   | SOZORANGA PREDESUR             | PV   | 210           | 4°      | 19' | 29" S | 79°      | 47' | 20" W | 1427           | 11             | PREDESUR            |                           | 120                       |
| M429   | SURUCUCHO(LLULLUCHIS)          | PV   | 280           | 2°      | 49' | 34" S | 79°      | 7'  | 54" W | 2800           | 1              | INAMHI              |                           | 120                       |
| M412   | SUSCAMPAMBA(CAPILLA DOLOROSA)  | PV   | 160           | 2°      | 27' | 38" S | 79°      | 3'  | 51" W | 2620           | 3              | INAMHI              |                           | 120                       |
| M423   | SUSUDEL-CASERIO(L.PTE.CARR)    | PV   | 180           | 3°      | 23' | 55" S | 79°      | 11' | 6" W  | 2600           | 1              | INAMHI              |                           | 120                       |
| M444   | TEAONE-TABIAZO                 | PV   | 80            | 0°      | 47' | 54" N | 79°      | 40' | 59" W | 100            | 8              | INAMHI              |                           | 120                       |
| M070   | TENA                           | CO   | 240           | 0°      | 59' | 5" S  | 77°      | 48' | 50" W | 665            | 15             | INAMHI              | 44                        | 118                       |
| M377   | TISALEO                        | PV   | 260           | 1°      | 20' | 42" S | 78°      | 39' | 59" W | 3250           | 18             | INAMHI              |                           | 119                       |
| M373   | TOACAZO                        | PV   | 260           | 0°      | 45' | 0" S  | 78°      | 41' | 0" W  | 3000           | 5              | INAMHI              |                           | 119                       |
| MA2T   | TOMALON-TABACUNDO              | AP   | 80            | 0°      | 2'  | 0" N  | 78°      | 14' | 0" W  | 2790           | 17             | INAMHI              | 113                       | 121                       |
| M321   | TOPO-IMBABURA(ANGLA)           | PV   | 20            | 0°      | 12' | 55" N | 78°      | 9'  | 4" W  | 2860           | 10             | INAMHI              |                           | 119                       |
| M308   | TUFINNO                        | PV   | 30            | 0°      | 48' | 16" N | 77°      | 51' | 16" W | 0              | 4              | INAMHI              |                           | 119                       |

## INDICE DE ESTACIONES METEOROLOGICAS CON INFORMACION PUBLICADA

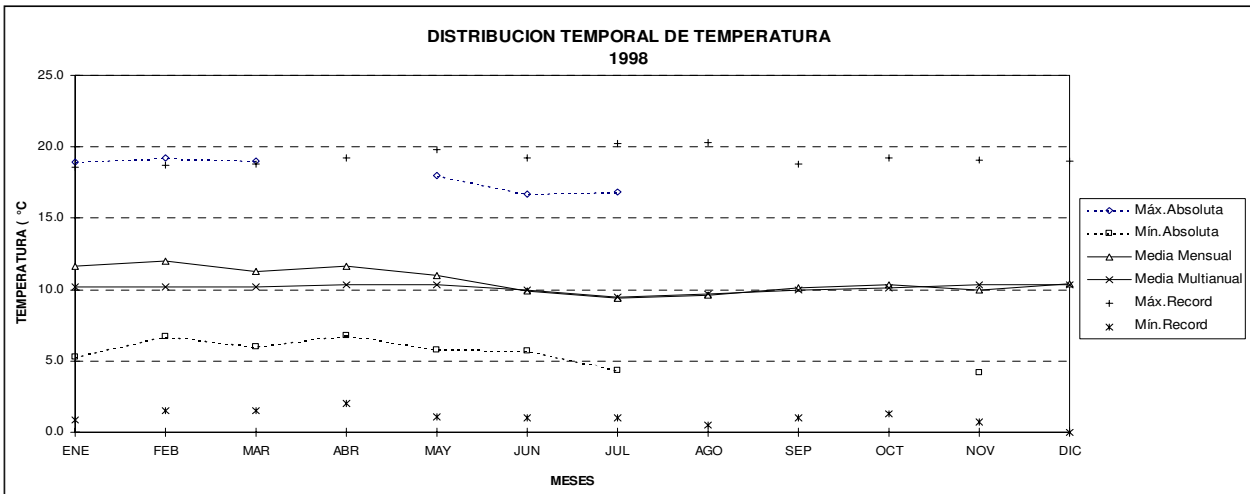
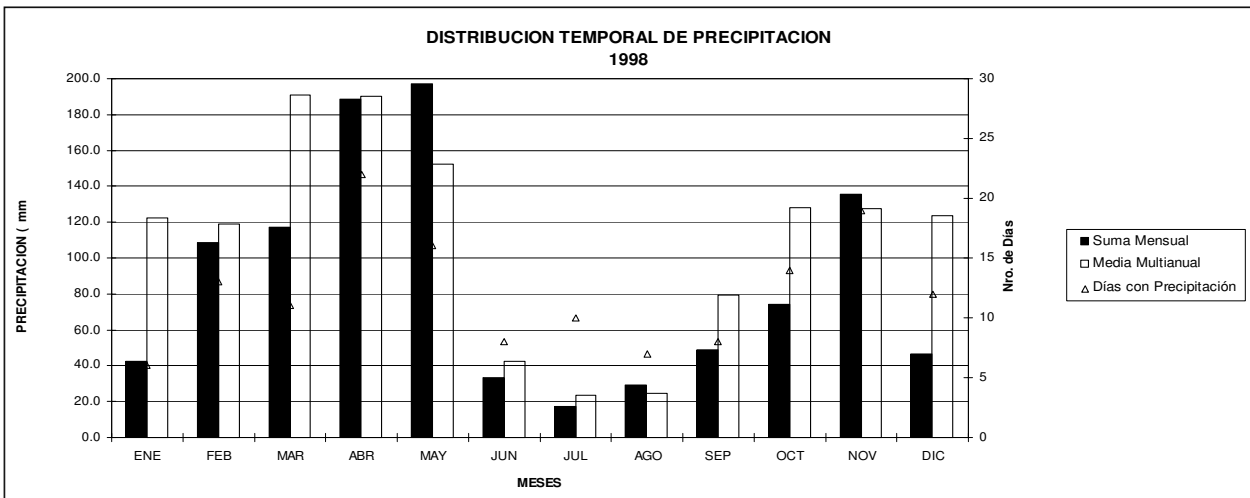
| CODI-<br>GO | NOMBRE DE LA ESTACION     | TIPO | ZONA<br>HIDRO | LATITUD |             |      | LONGITUD    |      |    | ALTITUD<br>(m) | PROVIN-<br>CIA | INSTIT.<br>PROPIET | Página de<br>Climatología | Página de<br>Pluviometría |
|-------------|---------------------------|------|---------------|---------|-------------|------|-------------|------|----|----------------|----------------|--------------------|---------------------------|---------------------------|
|             |                           |      |               | GG      | MM          | SS   | GG          | MM   | SS |                |                |                    |                           |                           |
| M059        | TULCAN AEROPUERTO         | AR   | 30            | 0 °     | 49 ' 0 " N  | 77 ° | 42 ' 0 " W  | 2934 | 4  | F A E          |                | 118                |                           |                           |
| M114        | TUMBACO                   | CO   | 80            | 0 °     | 14 ' 0 " S  | 78 ° | 24 ' 50 " W | 2348 | 17 | INAMHI         | 51             | 118                |                           |                           |
| M140        | UCUBAMBA                  | CO   | 280           | 2 °     | 52 ' 13 " S | 78 ° | 52 ' 29 " W | 2510 | 1  | INAMHI         | 65             | 118                |                           |                           |
| M481        | USHCURRUMI                | PV   | 180           | 3 °     | 19 ' 16 " S | 79 ° | 35 ' 0 " W  | 290  | 7  | INAMHI         |                | 120                |                           |                           |
| M113        | UYUMBICHO                 | CO   | 80            | 0 °     | 23 ' 18 " S | 78 ° | 31 ' 31 " W | 2740 | 17 | INAMHI         |                | 118                |                           |                           |
| M465        | VENTANAS INAMHI           | PV   | 130           | 1 °     | 26 ' 39 " S | 79 ° | 27 ' 56 " W | 20   | 12 | INAMHI         |                | 120                |                           |                           |
| M144        | VILCABAMBA                | CO   | 210           | 4 °     | 15 ' 46 " S | 79 ° | 13 ' 4 " W  | 1563 | 11 | INAMHI         | 69             | 118                |                           |                           |
| M466        | VINCES INAMHI             | PV   | 130           | 1 °     | 32 ' 57 " S | 79 ° | 45 ' 0 " W  | 41   | 12 | INAMHI         | 109            | 120                |                           |                           |
| M147        | YANGANA                   | CO   | 210           | 4 °     | 22 ' 5 " S  | 79 ° | 10 ' 29 " W | 1835 | 11 | INAMHI         | 71             | 118                |                           |                           |
| M190        | YANZATZA                  | CO   | 280           | 3 °     | 50 ' 15 " S | 78 ° | 45 ' 1 " W  | 830  | 19 | INAMHI         | 94             | 119                |                           |                           |
| M346        | YARUQUI INAMHI            | PV   | 80            | 0 °     | 9 ' 35 " S  | 78 ° | 18 ' 55 " W | 2600 | 17 | INAMHI         |                | 119                |                           |                           |
| M452        | ZAPOTE                    | PV   | 100           | 0 °     | 56 ' 18 " S | 80 ° | 3 ' 20 " W  | 50   | 13 | INAMHI         |                | 120                |                           |                           |
| M151        | ZAPOTILLO                 | CO   | 210           | 4 °     | 22 ' 57 " S | 80 ° | 14 ' 11 " W | 223  | 11 | INAMHI         | 75             | 118                |                           |                           |
| M180        | ZARUMA                    | CO   | 200           | 3 °     | 41 ' 49 " S | 79 ° | 36 ' 58 " W | 1100 | 7  | INAMHI         | 89             | 119                |                           |                           |
| M485        | ZATZAYACU(AROSEMENA TOLA) | PV   | 240           | 1 °     | 11 ' 29 " S | 77 ° | 51 ' 25 " W | 628  | 15 | INAMHI         |                | 120                |                           |                           |



**M001 INGUINCHO INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |     |             |        |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |    |
|-------------|-----------------------|---------------------------------------|--------|-----|-------------|--------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|----|
|             |                       | ABSOLUTAS                             |        |     | M E D I A S |        |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día  |                                  |    |
|             |                       | Máxima                                | Minima | día | Máxima      | Minima | Mensual |                      |     |        |     |       |                        |                           |                   |                 |      |                                  |    |
| ENERO       | 176.4                 | 18.9                                  | 20     | 5.3 | 24          | 16.7   | 6.9     | 11.6                 | 98  | 2      | 67  | 9     | 90                     | 9.9                       | 12.3              | 42.5            | 23.7 | 6                                | 6  |
| FEBRERO     | 164.7                 | 19.2                                  | 16     | 6.7 | 13          | 16.9   | 7.2     | 12.0                 | 98  | 21     | 65  | 1     | 90                     | 10.3                      | 12.6              | 108.8           | 37.7 | 14                               | 13 |
| MARZO       | 102.2                 | 19.0                                  | 22     | 6.0 | 14          | 16.0   | 7.3     | 11.3                 | 98  | 24     | 70  | 8     | 91                     | 9.8                       | 12.2              | 117.5           | 19.1 | 14                               | 11 |
| ABRIL       | 96.2                  |                                       |        | 6.8 | 27          | 15.8   | 7.6     | 11.6                 | 97  | 2      | 70  | 14    | 91                     | 10.1                      | 12.5              | 188.4           | 28.7 | 20                               | 22 |
| MAYO        | 113.8                 | 18.0                                  | 21     | 5.8 | 16          | 15.4   | 7.2     | 11.0                 | 98  | 3      | 65  | 11    | 91                     | 9.6                       | 12.0              | 197.4           | 59.1 | 3                                | 16 |
| JUNIO       | 123.9                 | 16.7                                  | 9      | 5.7 | 13          | 14.1   | 6.7     | 9.9                  | 98  | 23     | 73  | 9     | 94                     | 8.9                       | 11.5              | 33.3            | 10.6 | 1                                | 8  |
| JULIO       | 146.7                 | 16.8                                  | 14     | 4.3 | 20          | 14.2   | 5.8     | 9.4                  | 98  | 6      | 84  | 7     | 94                     | 8.5                       | 11.2              | 17.2            | 4.0  | 24                               | 10 |
| AGOSTO      | 141.2                 |                                       |        |     |             | 14.6   | 5.4     | 9.6                  |     |        |     |       |                        | 92                        | 8.4               | 29.5            | 19.1 | 7                                | 7  |
| SEPTIEMBRE  | 158.2                 |                                       |        |     |             | 15.7   | 5.7     | 10.1                 | 99  | 30     | 66  | 16    | 92                     | 8.8                       | 11.5              | 48.8            | 24.6 | 13                               | 8  |
| OCTUBRE     | 110.6                 |                                       |        |     |             | 15.9   | 6.4     | 10.3                 | 100 | 28     | 69  | 4     | 92                     | 9.0                       | 11.6              | 74.4            | 14.7 | 29                               | 14 |
| NOVIEMBRE   | 110.3                 |                                       |        | 4.2 | 25          | 14.8   | 6.5     | 10.0                 | 97  | 27     | 66  | 1     | 93                     | 8.8                       | 11.5              | 135.4           | 28.4 | 3                                | 19 |
| DICIEMBRE   | 187.0                 |                                       |        |     |             | 16.0   | 6.3     | 10.4                 | 98  | 1      | 57  | 5     | 89                     | 8.6                       | 11.3              | 46.8            | 10.3 | 11                               | 12 |
| VALOR ANUAL | 1631.2                |                                       |        |     |             | 15.5   | 6.5     | 10.6                 |     |        |     |       | 91                     | 9.2                       | 11.7              | 1040.0          | 59.1 |                                  |    |

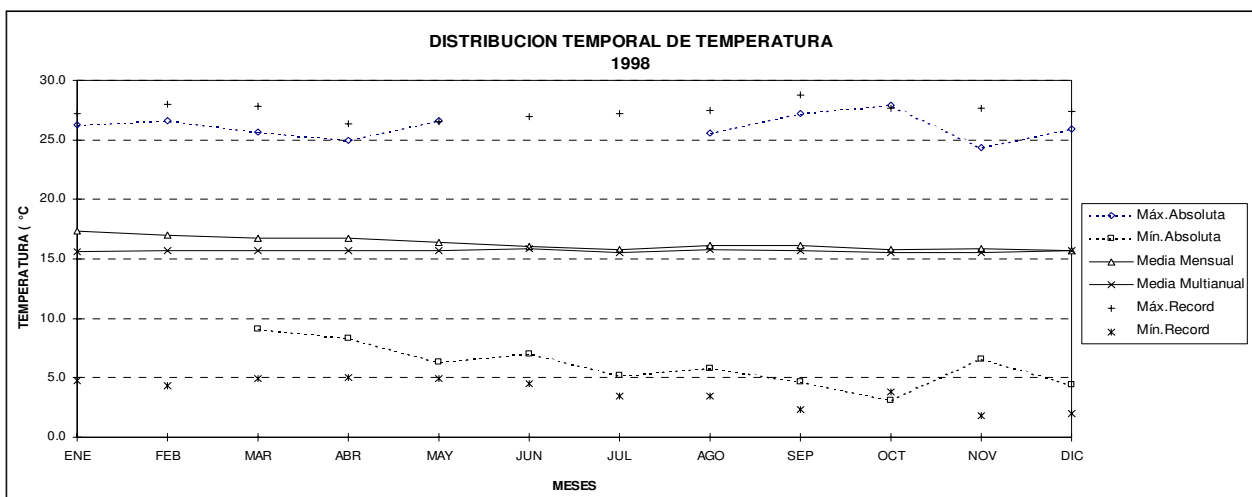
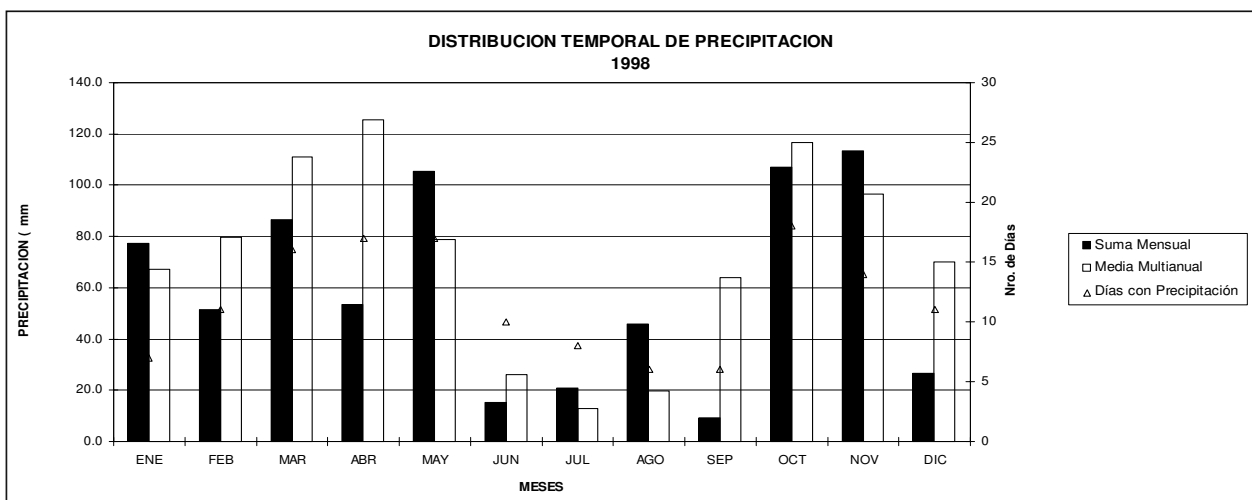
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA (Km/h) |         |         |      |       |   |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------------------------------|------------------------|---------|---------|------|-------|---|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |                                  |                        | CALMA % | Nro OBS |      |       |   |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                                  |                        |         |         | %    | (m/s) | % |
| ENERO       | 137.7            | 5.3             | 20  | 6                             | 0.0                                     | 0     | 5.5 | 39    | 4.6 | 45    | 4.3 | 4     | 5.0 | 2     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                      | 10      | 93      | 12.0 | E     |   |
| FEBRERO     | 129.9            | 6.0             | 4   | 6                             | 3.8                                     | 5     | 5.0 | 16    | 4.9 | 37    | 5.7 | 4     | 2.0 | 2     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                      | 37      | 84      | 10.0 | E     |   |
| MARZO       | 139.2            | 5.2             | 14  | 7                             | 3.0                                     | 2     | 4.8 | 19    | 3.7 | 46    | 4.6 | 10    | 3.0 | 3     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                      | 19      | 93      | 8.0  | E     |   |
| ABRIL       | 136.1            | 5.2             | 16  |                               | 3.0                                     | 2     | 3.9 | 19    | 4.3 | 26    | 4.0 | 6     | 2.0 | 1     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                      | 47      | 90      | 9.0  | E     |   |
| MAYO        | 147.3            | 5.8             | 21  | 6                             | 3.7                                     | 3     | 6.1 | 8     | 4.6 | 37    | 4.5 | 16    | 5.0 | 2     | 5.5 | 2     | 5.0 | 1     | 0.0                              | 0                      | 31      | 93      | 10.0 | NE    |   |
| JUNIO       | 145.6            | 5.5             | 30  | 6                             | 5.5                                     | 2     | 5.0 | 26    | 5.1 | 40    | 5.2 | 11    | 3.0 | 1     | 4.7 | 3     | 6.0 | 1     | 3.0                              | 1                      | 14      | 90      | 9.0  | N     |   |
| JULIO       | 155.2            | 5.9             | 1   | 6                             | 4.5                                     | 2     | 5.5 | 19    | 4.9 | 41    | 4.5 | 26    | 6.0 | 1     | 6.0 | 2     | 0.0 | 0     | 0.0                              | 0                      | 9       | 93      | 9.0  | E     |   |
| AGOSTO      | 154.3            | 5.7             | 10  | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                        |         |         |      |       |   |
| SEPTIEMBRE  | 153.1            | 6.2             | 13  | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                        |         |         |      |       |   |
| OCTUBRE     | 151.5            | 5.4             | 6   | 7                             | 6.5                                     | 2     | 4.7 | 24    | 4.9 | 31    | 5.1 | 18    | 6.0 | 1     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                      | 24      | 93      | 10.0 | NE    |   |
| NOVIEMBRE   | 142.0            | 5.3             | 14  | 7                             | 0.0                                     | 0     | 4.4 | 17    | 4.7 | 23    | 4.5 | 12    | 0.0 | 0     | 4.5 | 9     | 0.0 | 0     | 0.0                              | 0                      | 39      | 90      | 8.0  | NE    |   |
| DICIEMBRE   | 150.4            | 5.1             | 3   | 6                             | 4.7                                     | 3     | 4.5 | 24    | 4.0 | 23    | 4.0 | 13    | 4.0 | 1     | 4.0 | 1     | 0.0 | 0     | 5.0                              | 1                      | 34      | 93      | 8.0  | E     |   |
| VALOR ANUAL | 1742.3           | 6.2             |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                        |         |         |      |       |   |



**M002 LA TOLA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |         | HUMEDAD RELATIVA (%) |      |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |       |      |    |    |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|---------|----------------------|------|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|-------|------|----|----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |         | Máxima               | día  | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día  |                                  |       |      |    |    |
|             |                       | Máxima                                | día | Mínima      | día  | Mensual |                      |      |        |     |       |                        |                           |                   |                 |      |                                  |       |      |    |    |
| ENERO       | 193.6                 | 26.3                                  | 30  | 24.5        | 10.7 | 17.3    | 96                   | 16   | 33     | 2   | 72    | 11.4                   | 13.6                      | 77.2              | 43.7            | 7    | 7                                |       |      |    |    |
| FEBRERO     | 133.3                 | 26.6                                  | 4   | 23.6        | 11.7 | 17.0    |                      |      |        |     | 76    | 12.3                   | 14.4                      | 51.5              | 22.3            | 8    | 11                               |       |      |    |    |
| MARZO       | 115.0                 | 25.7                                  | 19  | 9.1         | 4    | 23.0    | 11.7                 | 16.7 |        |     | 95    | 13                     | 40                        | 18                | 77              | 12.3 | 14.3                             | 86.4  | 21.7 | 1  | 16 |
| ABRIL       | 112.2                 | 25.0                                  | 16  | 8.3         | 20   | 22.6    | 12.4                 | 16.7 |        |     | 96    | 3                      | 47                        | 21                | 81              | 13.0 | 15.1                             | 53.4  | 14.7 | 5  | 17 |
| MAYO        | 151.5                 | 26.6                                  | 19  | 6.3         | 19   | 22.3    | 10.7                 | 16.4 |        |     | 98    | 27                     | 35                        | 19                | 73              | 10.9 | 13.2                             | 105.3 | 30.0 | 3  | 17 |
| JUNIO       | 161.7                 |                                       | 7.0 | 14          | 22.5 | 10.5    | 16.0                 |      |        |     | 97    | 3                      | 36                        | 5                 | 68              | 9.3  | 11.8                             | 15.2  | 5.5  | 1  | 10 |
| JULIO       | 190.5                 |                                       | 5.2 | 26          | 22.5 | 9.6     | 15.8                 |      |        |     | 95    | 5                      | 34                        | 28                | 66              | 8.7  | 11.3                             | 21.1  | 7.1  | 9  | 8  |
| AGOSTO      | 182.5                 | 25.6                                  | 21  | 5.8         | 10   | 23.3    | 9.3                  | 16.1 |        |     | 92    | 8                      | 32                        | 21                | 62              | 7.9  | 10.8                             | 45.8  | 38.6 | 9  | 6  |
| SEPTIEMBRE  | 182.4                 | 27.2                                  | 16  | 4.7         | 2    | 24.2    | 8.6                  | 16.1 |        |     | 94    | 19                     | 28                        | 24                | 63              | 8.0  | 10.9                             | 9.3   | 3.5  | 19 | 6  |
| OCTUBRE     | 170.0                 | 27.9                                  | 10  | 3.1         | 14   | 23.9    | 9.2                  | 15.8 |        |     |       |                        |                           |                   | 66              | 8.4  | 11.2                             | 107.1 | 18.2 | 12 | 18 |
| NOVIEMBRE   | 176.9                 | 24.4                                  | 16  | 6.6         | 7    | 22.7    | 11.0                 | 15.9 |        |     | 96    | 13                     | 35                        | 19                | 72              | 10.2 | 12.5                             | 113.3 | 32.6 | 13 | 14 |
| DICIEMBRE   | 202.0                 | 25.9                                  | 4   | 4.4         | 22   | 23.4    | 9.0                  | 15.7 |        |     | 95    | 11                     | 31                        | 23                | 68              | 8.7  | 11.4                             | 26.5  | 6.2  | 11 | 11 |
| VALOR ANUAL | 1971.6                |                                       |     | 23.2        | 10.3 | 16.2    |                      |      |        |     | 70    | 10.0                   | 12.5                      | 712.1             | 43.7            |      |                                  |       |      |    |    |

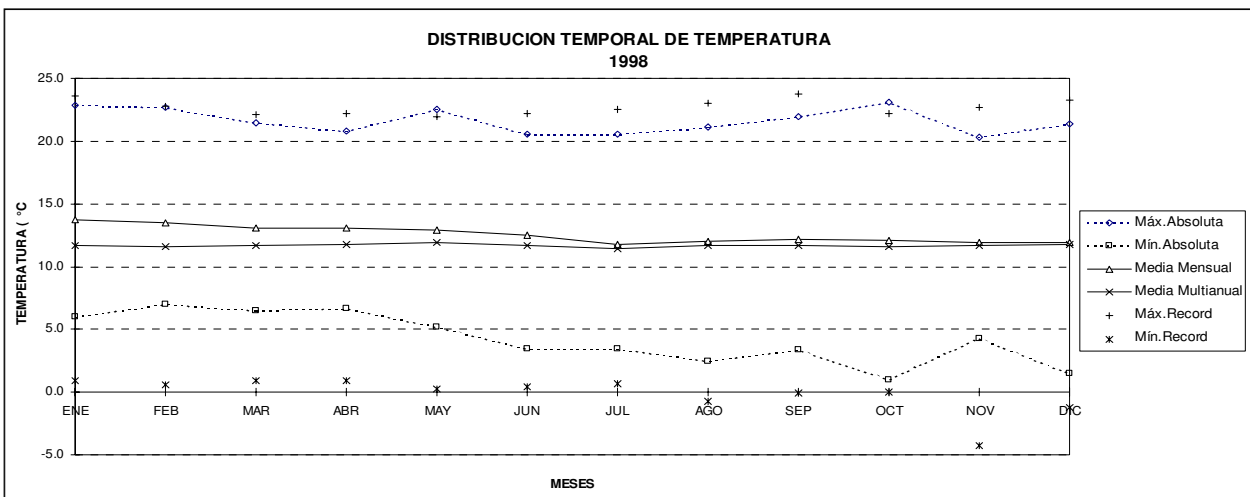
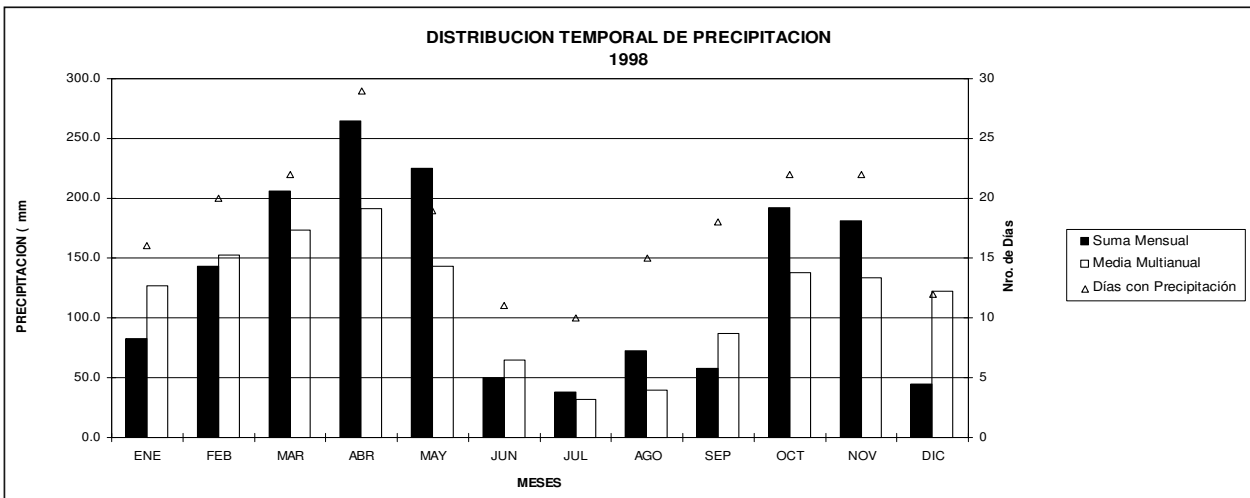
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |     |       |         |         |      |       |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------------------------------|---------------------------|-----|-------|---------|---------|------|-------|-----|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |                                  |                           | NW  |       | CALMA % | Nro OBS |      |       |     |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                                  |                           | %   | (m/s) |         |         | %    | (m/s) | %   |
| ENERO       | 135.7            | 9.6             | 2   | 6                             | 2.5                                     | 27    | 3.8 | 10    | 9.3 | 3     | 4.7 | 12    | 2.3 | 3     | 0.0 | 0     | 0.0                              | 0                         | 0.0 | 0     | 45      | 93      | 10.0 | E     | 2.9 |
| FEBRERO     | 112.5            | 7.4             | 7   | 7                             | 2.4                                     | 20    | 0.0 | 0     | 6.0 | 5     | 4.3 | 14    | 3.0 | 1     | 0.0 | 0     | 0.0                              | 0                         | 2.0 | 7     | 52      | 84      | 12.0 | SE    | 2.4 |
| MARZO       | 100.3            | 4.7             | 13  | 7                             | 2.6                                     | 25    | 2.3 | 9     | 0.0 | 0     | 4.0 | 3     | 2.0 | 5     | 0.0 | 0     | 0.0                              | 0                         | 2.0 | 4     | 54      | 93      | 8.0  | SE    | 1.7 |
| ABRIL       | 100.5            | 7.8             | 17  | 7                             | 2.7                                     | 33    | 3.0 | 2     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 2.0 | 7     | 58      | 90      | 8.0  | N     | 1.8 |
| MAYO        | 105.6            | 6.9             | 16  | 6                             | 2.5                                     | 22    | 2.0 | 3     | 5.0 | 2     | 7.5 | 17    | 2.0 | 4     | 0.0 | 0     | 0.0                              | 0                         | 2.0 | 1     | 51      | 93      | 14.0 | SE    | 2.5 |
| JUNIO       | 119.8            | 7.1             | 30  | 6                             | 2.0                                     | 24    | 3.0 | 8     | 0.0 | 0     | 5.8 | 22    | 2.0 | 11    | 0.0 | 0     | 2.0                              | 1                         | 0.0 | 0     | 33      | 90      | 12.0 | SE    | 3.3 |
| JULIO       | 126.0            | 7.2             | 1   | 5                             | 2.1                                     | 19    | 2.7 | 3     | 0.0 | 0     | 5.4 | 34    | 2.6 | 11    | 0.0 | 0     | 2.0                              | 1                         | 2.0 | 2     | 29      | 93      | 14.0 | SE    | 3.9 |
| AGOSTO      | 129.0            | 7.4             | 1   | 5                             | 2.1                                     | 15    | 3.3 | 9     | 3.8 | 4     | 4.5 | 29    | 2.0 | 9     | 0.0 | 0     | 2.0                              | 1                         | 2.5 | 4     | 29      | 93      | 14.0 | SE    | 4.4 |
| SEPTIEMBRE  | 118.2            | 7.0             | 30  | 6                             | 2.4                                     | 28    | 3.7 | 8     | 4.7 | 3     | 3.4 | 19    | 2.3 | 7     | 0.0 | 0     | 2.0                              | 1                         | 2.0 | 1     | 33      | 90      | 10.0 | SE    | 4.4 |
| OCTUBRE     | 113.0            | 7.5             | 9   | 6                             | 2.7                                     | 26    | 2.5 | 4     | 0.0 | 0     | 5.1 | 11    | 4.0 | 4     | 0.0 | 0     | 2.0                              | 2                         | 53  | 93    | 10.0    | SE      | 3.6  |       |     |
| NOVIEMBRE   | 111.6            | 6.0             | 28  | 6                             | 2.4                                     | 42    | 3.0 | 2     | 0.0 | 0     | 0.0 | 0     | 2.0 | 1     | 0.0 | 0     | 2.0                              | 1                         | 2.0 | 4     | 49      | 90      | 6.0  | N     | 3.1 |
| DICIEMBRE   | 122.0            | 5.8             | 23  | 6                             | 2.3                                     | 40    | 2.0 | 2     | 0.0 | 0     | 2.0 | 3     | 2.0 | 2     | 0.0 | 0     | 0.0                              | 0                         | 2.3 | 8     | 45      | 93      | 4.0  | N     | 3.7 |
| VALOR ANUAL | 1394.2           | 9.6             |     | 6                             | 2.3                                     | 26    | 2.6 | 5     | 2.4 | 1     | 3.8 | 13    | 2.1 | 4     | 0.0 | 0     | 0.8                              | 0                         | 1.7 | 3     | 44      |         | 14.0 | SE    | 3.1 |



**M003 IZOBAMBA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |     |             |        |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |    |
|-------------|-----------------------|---------------------------------------|--------|-----|-------------|--------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|----|
|             |                       | ABSOLUTAS                             |        |     | M E D I A S |        |         | Máxima               | dia | Mínima | dia | Media |                        |                           | Suma              | Máxima en 24hrs | dia  |                                  |    |
|             |                       | Máxima                                | Minima | dia | Máxima      | Minima | Mensual |                      |     |        |     |       |                        |                           |                   |                 |      |                                  |    |
| ENERO       | 175.7                 | 22.9                                  | 4      | 6.0 | 26          | 20.0   | 8.1     | 13.7                 | 99  | 8      | 45  | 4     | 77                     | 9.4                       | 11.9              | 83.1            | 20.0 | 7                                | 16 |
| FEBRERO     | 128.5                 | 22.7                                  | 1      | 7.0 | 14          | 19.3   | 8.8     | 13.5                 | 100 | 9      | 39  | 1     | 81                     | 10.0                      | 12.3              | 143.2           | 26.3 | 11                               | 20 |
| MARZO       | 112.0                 | 21.5                                  | 19     | 6.5 | 8           | 18.8   | 8.4     | 13.1                 | 100 | 31     | 50  | 13    | 83                     | 10.1                      | 12.4              | 205.9           | 35.6 | 22                               | 22 |
| ABRIL       | 101.1                 | 20.8                                  | 16     | 6.7 | 26          | 18.7   | 8.7     | 13.1                 | 100 | 12     | 59  | 23    | 86                     | 10.7                      | 12.9              | 264.7           | 27.8 | 18                               | 29 |
| MAYO        | 139.8                 | 22.5                                  | 21     | 5.2 | 30          | 18.6   | 8.1     | 12.9                 | 100 | 1      | 39  | 21    | 80                     | 9.2                       | 11.7              | 224.9           | 39.9 | 27                               | 19 |
| JUNIO       | 159.3                 | 20.6                                  | 13     | 3.5 | 17          | 18.9   | 6.6     | 12.5                 | 98  | 8      | 41  | 12    | 73                     | 7.5                       | 10.4              | 49.6            | 21.7 | 18                               | 11 |
| JULIO       | 177.2                 | 20.6                                  | 26     | 3.5 | 18          | 18.4   | 6.1     | 11.8                 | 100 | 2      | 37  | 14    | 74                     | 6.9                       | 10.0              | 37.6            | 8.6  | 10                               | 10 |
| AGOSTO      | 175.0                 | 21.1                                  | 24     | 2.5 | 6           | 18.9   | 5.9     | 12.0                 | 98  | 9      | 40  | 10    | 71                     | 6.5                       | 9.8               | 72.0            | 29.6 | 9                                | 15 |
| SEPTIEMBRE  | 163.3                 | 22.0                                  | 16     | 3.4 | 1           | 19.1   | 5.6     | 12.2                 | 98  | 28     | 35  | 25    | 72                     | 6.8                       | 10.0              | 57.4            | 12.8 | 18                               | 18 |
| OCTUBRE     | 149.7                 | 23.1                                  | 10     | 1.0 | 14          | 19.0   | 6.5     | 12.1                 | 100 | 25     | 32  | 10    | 77                     | 7.7                       | 10.6              | 192.5           | 28.8 | 25                               | 22 |
| NOVIEMBRE   | 156.0                 | 20.3                                  | 18     | 4.3 | 30          | 18.1   | 7.2     | 11.9                 | 100 | 9      | 52  | 19    | 85                     | 9.2                       | 11.7              | 181.4           | 25.5 | 21                               | 22 |
| DICIEMBRE   | 194.0                 | 21.4                                  | 4      | 1.5 | 23          | 19.5   | 5.5     | 11.9                 | 100 | 6      | 35  | 22    | 77                     | 7.5                       | 10.4              | 44.7            | 14.6 | 28                               | 12 |
| VALOR ANUAL | 1831.6                | 23.1                                  |        | 1.0 |             | 18.9   | 7.1     | 12.5                 | 100 |        | 32  |       | 78                     | 8.4                       | 11.1              | 1557.0          | 39.9 |                                  |    |

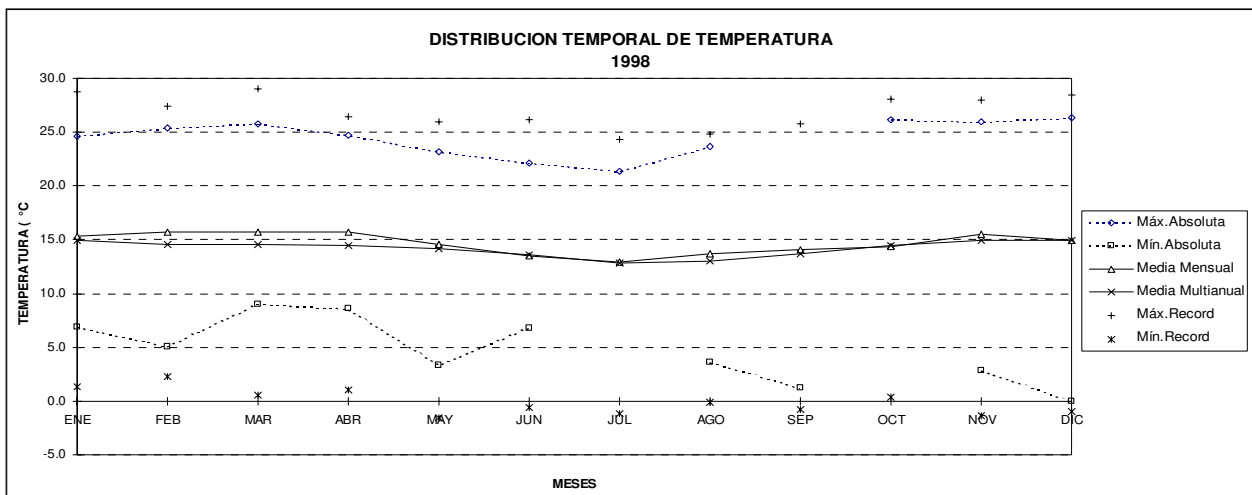
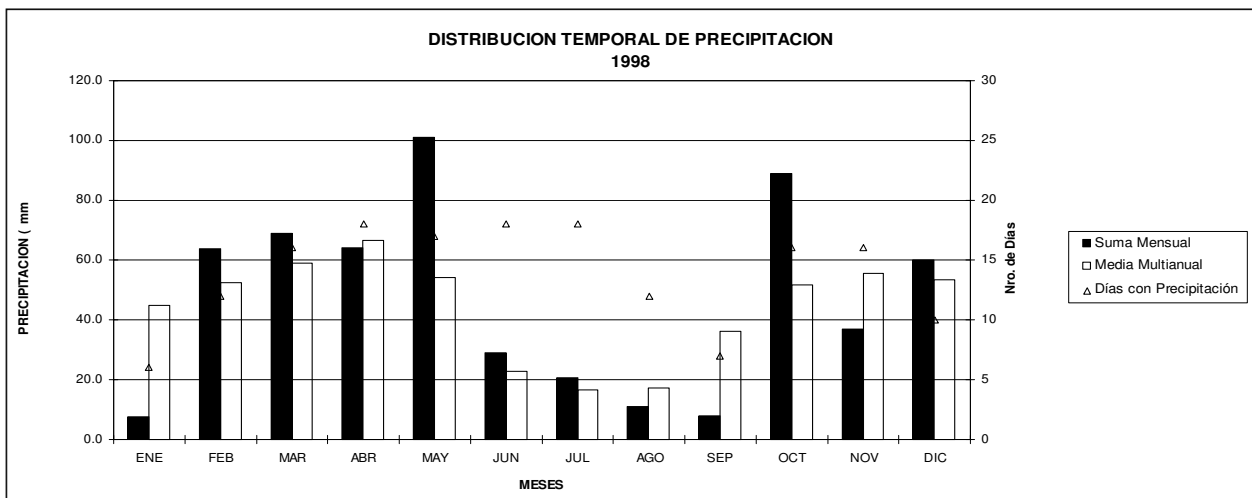
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |       |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---------|----------------------------------|---------------------------|---------|-------|-----|
|             | Suma Mensual     | Máxima en 24hrs | dia |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA % |                                  |                           | Nro OBS |       |     |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   |         |                                  |                           |         | (m/s) | %   |
| ENERO       | 115.8            | 6.2             | 2   | 6                             | 1.0                                     | 9     | 1.4 | 19    | 2.1 | 9     | 1.5 | 5     | 1.7 | 15    | 1.5 | 28    | 1.0 | 3     | 1.0 | 2       | 10                               | 93                        | 6.0     | E     | 4.3 |
| FEBRERO     | 96.6             | 6.1             | 4   | 6                             | 1.0                                     | 11    | 1.6 | 18    | 3.3 | 6     | 2.0 | 10    | 1.8 | 14    | 1.6 | 23    | 1.0 | 6     | 1.0 | 2       | 11                               | 84                        | 7.0     | E     | 3.7 |
| MARZO       | 88.0             | 6.1             | 19  | 7                             | 1.1                                     | 11    | 1.5 | 19    | 1.6 | 8     | 1.7 | 7     | 1.4 | 13    | 1.6 | 23    | 1.3 | 4     | 1.0 | 1       | 15                               | 93                        | 4.0     | SW    | 3.2 |
| ABRIL       | 99.4             | 6.5             | 27  | 7                             | 1.0                                     | 7     | 1.3 | 13    | 1.6 | 7     | 1.5 | 7     | 1.6 | 18    | 1.1 | 27    | 1.0 | 4     | 1.0 | 3       | 14                               | 90                        | 3.0     | S     | 2.5 |
| MAYO        | 85.8             | 6.0             | 21  | 6                             | 1.0                                     | 7     | 1.3 | 15    | 2.5 | 13    | 2.2 | 5     | 1.7 | 11    | 2.1 | 30    | 1.0 | 4     | 1.3 | 3       | 12                               | 93                        | 6.0     | SW    | 4.1 |
| JUNIO       | 103.1            | 6.3             | 30  | 5                             | 1.3                                     | 7     | 1.9 | 19    | 3.4 | 11    | 1.5 | 7     | 1.8 | 7     | 1.7 | 39    | 1.0 | 2     | 1.0 | 6       | 3                                | 90                        | 6.0     | E     | 4.4 |
| JULIO       | 118.6            | 6.5             | 1   | 5                             | 1.3                                     | 8     | 1.8 | 26    | 3.1 | 10    | 1.6 | 4     | 1.8 | 9     | 1.8 | 34    | 1.0 | 3     | 1.0 | 1       | 5                                | 93                        | 5.5     | E     | 4.8 |
| AGOSTO      | 116.7            | 6.9             | 10  | 5                             | 1.1                                     | 8     | 2.4 | 28    | 2.9 | 13    | 2.1 | 3     | 2.0 | 7     | 2.0 | 33    | 1.1 | 5     | 1.0 | 1       | 2                                | 93                        | 6.0     | S     | 4.6 |
| SEPTIEMBRE  | 110.5            | 7.9             | 30  | 5                             | 1.2                                     | 11    | 2.8 | 16    | 3.0 | 4     | 1.4 | 6     | 1.3 | 13    | 1.8 | 32    | 1.0 | 6     | 1.0 | 2       | 10                               | 90                        | 8.0     | NE    | 3.8 |
| OCTUBRE     | 98.0             | 7.4             | 1   | 6                             | 1.4                                     | 5     | 1.5 | 11    | 2.6 | 7     | 1.7 | 3     | 2.1 | 14    | 1.9 | 27    | 1.1 | 7     | 2.3 | 2       | 25                               | 93                        | 5.0     | E     | 3.9 |
| NOVIEMBRE   | 92.6             | 4.9             | 19  | 6                             | 1.1                                     | 7     | 1.4 | 29    | 1.7 | 13    | 1.0 | 2     | 1.3 | 9     | 1.1 | 19    | 1.3 | 4     | 1.5 | 2       | 14                               | 90                        | 4.0     | E     | 2.6 |
| DICIEMBRE   | 115.3            | 5.4             | 4   | 5                             | 1.6                                     | 10    | 1.6 | 24    | 1.7 | 14    | 1.8 | 2     | 1.2 | 7     | 1.3 | 16    | 1.2 | 7     | 1.3 | 4       | 17                               | 93                        | 4.0     | NE    | 3.2 |
| VALOR ANUAL | 1240.4           | 7.9             |     | 5                             | 1.1                                     | 8     | 1.7 | 19    | 2.4 | 9     | 1.6 | 5     | 1.6 | 11    | 1.6 | 27    | 1.0 | 4     | 1.2 | 2       | 11                               |                           | 8.0     | NE    | 3.7 |



**M004 RUMIPAMBA-SALCEDO U.CENTRAL.E**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                    |      | Número<br>de días con<br>precipitación |         |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|--------|----------------------|-----|--------|-----|-------|---------------------------|------------------------------|-------------------|--------------------|------|--|---------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        |        | Máxima               | día | Mínima | día | Media |                           |                              | Suma              | Máxima en<br>24hrs | día  |  |         |
|             |                       | Máxima                                | día | Mínima      | día | Máxima | Mínima |                      |     |        |     |       |                           |                              |                   |                    |      |  | Mensual |
| ENERO       | 142.5                 | 24.6                                  | 9   | 6.9         | 2   | 21.4   | 10.5   | 15.3                 | 97  | 6      | 55  | 16    | 80                        | 11.5                         | 13.6              | 7.6                | 3.6  | 8                                      | 6       |
| FEBRERO     | 118.9                 | 25.4                                  | 28  | 5.1         | 1   | 22.7   | 10.6   | 15.7                 | 98  | 6      | 49  | 5     | 79                        | 11.7                         | 13.9              | 63.9               | 28.5 | 15                                     | 12      |
| MARZO       | 117.0                 | 25.8                                  | 27  | 9.0         | 4   | 21.8   | 11.4   | 15.7                 | 97  | 2      | 47  | 13    | 78                        | 11.7                         | 13.8              | 68.8               | 19.6 | 27                                     | 16      |
| ABRIL       | 123.6                 | 24.7                                  | 15  | 8.6         | 12  | 21.9   | 11.2   | 15.7                 | 98  | 22     | 51  | 16    | 80                        | 12.1                         | 14.1              | 64.2               | 14.6 | 18                                     | 18      |
| MAYO        | 138.9                 | 23.2                                  | 5   | 3.3         | 23  | 20.6   | 9.7    | 14.6                 | 98  | 13     | 47  | 23    | 80                        | 10.8                         | 13.0              | 101.0              | 26.5 | 27                                     | 17      |
| JUNIO       | 127.9                 | 22.1                                  | 10  | 6.8         | 17  | 19.1   | 9.5    | 13.5                 | 98  | 1      | 46  | 15    | 80                        | 10.0                         | 12.3              | 29.1               | 5.4  | 1                                      | 18      |
| JULIO       | 146.0                 | 21.4                                  | 27  |             |     | 18.8   | 8.4    | 12.9                 | 97  | 14     | 53  | 13    | 81                        | 9.5                          | 11.9              | 20.7               | 5.6  | 11                                     | 18      |
| AGOSTO      | 172.7                 | 23.7                                  | 10  | 3.6         | 15  | 20.5   | 8.1    | 13.7                 | 96  | 1      | 43  | 12    | 76                        | 9.1                          | 11.6              | 11.2               | 5.4  | 21                                     | 12      |
| SEPTIEMBRE  | 192.1                 |                                       |     | 1.2         | 2   | 22.0   | 7.0    | 14.1                 | 98  | 7      | 37  | 1     | 71                        | 8.5                          | 11.2              | 8.1                | 3.7  | 4                                      | 7       |
| OCTUBRE     | 147.4                 | 26.2                                  | 14  |             |     | 21.7   | 8.5    | 14.4                 | 98  | 20     | 34  | 13    | 75                        | 9.5                          | 11.9              | 89.1               | 28.9 | 16                                     | 16      |
| NOVIEMBRE   | 202.6                 | 26.0                                  | 30  | 2.9         | 30  | 22.7   | 9.3    | 15.5                 | 97  | 1      | 26  | 25    | 72                        | 9.7                          | 12.1              | 37.0               | 13.4 | 12                                     | 16      |
| DICIEMBRE   | 221.3                 | 26.4                                  | 2   | 0.0         | 23  | 23.0   | 7.6    | 14.9                 | 98  | 11     | 25  | 2     | 68                        | 8.2                          | 11.1              | 60.1               | 24.5 | 29                                     | 10      |
| VALOR ANUAL | 1850.9                |                                       |     |             |     | 21.3   | 9.3    | 14.6                 | 98  |        | 25  |       | 76                        | 10.1                         | 12.5              | 560.8              | 28.9 |  |         |

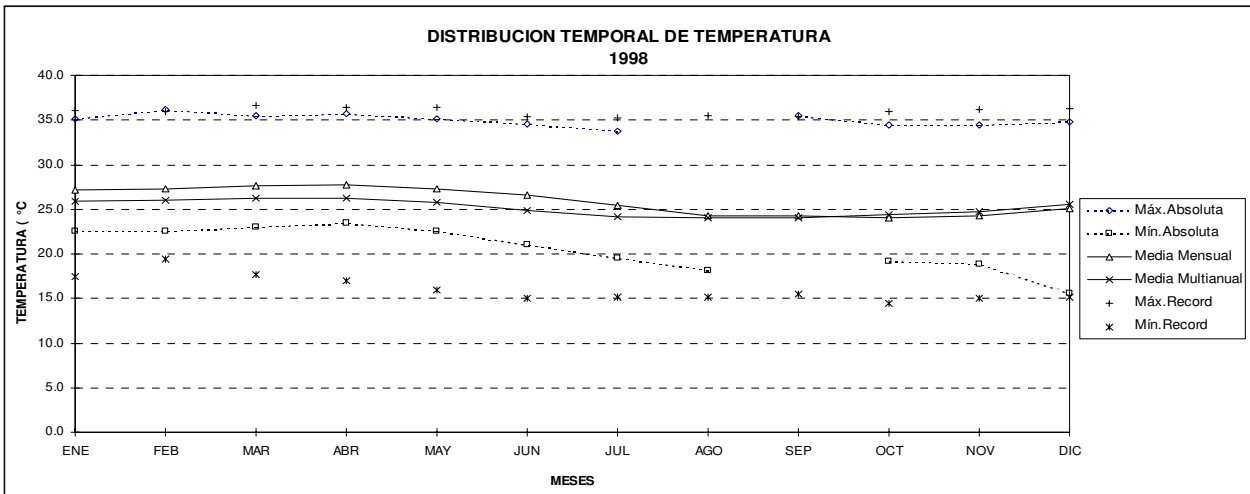
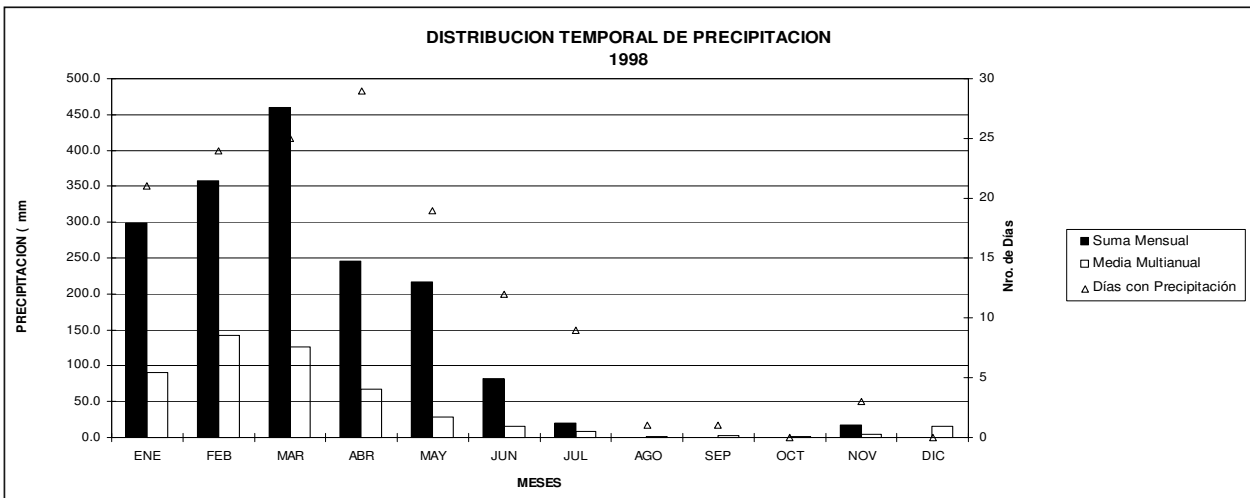
| MES         | EVAPORACION (mm) |                    |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |            |            |     |       |     |
|-------------|------------------|--------------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|---------------------------------|------------------------------|------------|------------|-----|-------|-----|
|             | Suma<br>Mensual  | Máxima en<br>24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |                                 |                              | CALMA<br>% | Nro<br>OBS |     |       |     |
|             |                  |                    |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                                 |                              |            |            | %   | (m/s) | %   |
| ENERO       | 121.5            | 6.4                | 9   | 7                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 2.9 | 22    | 2.9 | 39    | 1.8 | 7     | 0.0 | 0     | 1.7                             | 3                            | 30         | 93         | 6.0 | S     | 3.5 |
| FEBRERO     | 111.2            | 6.7                | 5   | 6                             | 2.5                                     | 2     | 0.0 | 0     | 1.0 | 1     | 2.9 | 18    | 2.6 | 31    | 2.1 | 11    | 0.0 | 0     | 1.7                             | 12                           | 25         | 84         | 8.0 | SE    | 3.2 |
| MARZO       | 116.1            | 6.9                | 13  | 7                             | 0.0                                     | 0     | 1.0 | 2     | 2.0 | 2     | 3.3 | 17    | 2.8 | 27    | 2.0 | 4     | 0.0 | 0     | 1.7                             | 3                            | 44         | 93         | 6.0 | S     | 3.0 |
| ABRIL       | 111.5            | 6.2                | 16  | 7                             | 2.0                                     | 1     | 2.0 | 1     | 4.0 | 1     | 2.9 | 20    | 2.7 | 30    | 2.0 | 11    | 1.0 | 2     | 1.6                             | 8                            | 26         | 90         | 6.0 | S     | 3.0 |
| MAYO        | 96.1             | 5.0                | 20  | 6                             | 6.0                                     | 1     | 0.0 | 0     | 1.0 | 1     | 3.2 | 24    | 3.0 | 24    | 2.0 | 8     | 1.5 | 2     | 1.5                             | 14                           | 27         | 93         | 6.0 | N     | 3.1 |
| JUNIO       | 94.8             | 6.0                | 19  | 6                             | 1.0                                     | 1     | 0.0 | 0     | 0.0 | 0     | 3.4 | 23    | 2.9 | 44    | 1.5 | 7     | 1.0 | 1     | 1.0                             | 3                            | 20         | 90         | 6.0 | S     | 4.0 |
| JULIO       | 95.9             | 5.2                | 7   | 6                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 3.5 | 23    | 3.2 | 45    | 2.0 | 4     | 0.0 | 0     | 1.3                             | 3                            | 25         | 93         | 7.0 | S     | 3.8 |
| AGOSTO      | 121.5            | 6.4                | 12  | 6                             | 1.5                                     | 2     | 0.0 | 0     | 0.0 | 0     | 3.9 | 29    | 2.8 | 30    | 2.0 | 8     | 0.0 | 0     | 1.3                             | 7                            | 25         | 93         | 8.0 | SE    | 4.2 |
| SEPTIEMBRE  | 144.8            | 7.8                | 16  | 5                             | 1.0                                     | 1     | 2.0 | 1     | 0.0 | 0     | 3.8 | 21    | 3.3 | 41    | 2.8 | 4     | 0.0 | 0     | 1.4                             | 13                           | 18         | 90         | 7.0 | S     | 4.3 |
| OCTUBRE     | 125.4            | 7.5                | 4   | 6                             | 1.0                                     | 1     | 2.0 | 2     | 4.0 | 1     | 2.8 | 14    | 2.4 | 32    | 2.3 | 10    | 4.0 | 1     | 2.1                             | 10                           | 29         | 93         | 6.0 | S     | 3.6 |
| NOVIEMBRE   | 147.7            | 7.8                | 24  | 5                             | 3.8                                     | 9     | 0.0 | 0     | 0.0 | 0     | 3.2 | 20    | 2.4 | 21    | 1.4 | 8     | 0.0 | 0     | 2.4                             | 19                           | 23         | 90         | 8.0 | NW    | 3.8 |
| DICIEMBRE   | 152.9            | 7.9                | 2   | 5                             | 3.0                                     | 1     | 2.5 | 2     | 0.0 | 0     | 3.2 | 12    | 2.9 | 33    | 2.1 | 9     | 4.0 | 1     | 2.9                             | 19                           | 23         | 93         | 8.0 | NW    | 4.1 |
| VALOR ANUAL | 1439.4           | 7.9                |     | 6                             | 1.8                                     | 1     | 0.7 | 0     | 1.0 | 0     | 3.2 | 20    | 2.8 | 33    | 2.0 | 7     | 0.9 | 0     | 1.7                             | 9                            | 26         |            | 8.0 | SE    | 3.6 |



**M005 PORTOVIEJO-UTM INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |             |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |        |                 | Número de días con precipitación |     |
|-------------|-----------------------|---------------------------------------|-----|--------|-------------|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|--------|-----------------|----------------------------------|-----|
|             |                       | ABSOLUTAS                             |     |        | M E D I A S |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Suma   | Máxima en 24hrs |                                  | día |
|             |                       | Máxima                                | día | Mínima | día         | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |        |                 |                                  |     |
| ENERO       | 115.9                 | 35.2                                  | 31  | 22.5   | 17          | 32.5   | 24.1   | 27.2                 | 98  | 9      | 59  | 19    | 87                     | 24.6                      | 30.9              | 298.9  | 86.7            | 24                               | 21  |
| FEBRERO     | 108.4                 | 36.2                                  | 28  | 22.5   | 9           | 32.9   | 24.3   | 27.3                 | 98  | 3      | 56  | 23    | 87                     | 24.7                      | 31.1              | 357.6  | 57.5            | 18                               | 24  |
| MARZO       | 123.9                 | 35.5                                  | 18  | 23.0   | 8           | 33.4   | 24.2   | 27.6                 | 98  | 4      | 57  | 21    | 86                     | 24.8                      | 31.4              | 460.2  | 65.8            | 10                               | 25  |
| ABRIL       | 155.6                 | 35.7                                  | 4   | 23.5   | 10          | 33.5   | 24.5   | 27.8                 | 99  | 7      | 57  | 5     | 85                     | 24.9                      | 31.5              | 245.1  | 40.8            | 23                               | 29  |
| MAYO        | 112.4                 | 35.2                                  | 16  | 22.6   | 28          | 33.0   | 24.0   | 27.3                 | 98  | 1      | 54  | 5     | 86                     | 24.5                      | 30.7              | 216.9  | 53.4            | 26                               | 19  |
| JUNIO       | 136.7                 | 34.6                                  | 3   | 21.0   | 22          | 32.5   | 23.0   | 26.6                 | 98  | 1      | 53  | 23    | 82                     | 23.0                      | 28.1              | 81.9   | 25.1            | 17                               | 12  |
| JULIO       | 115.0                 | 33.7                                  | 3   | 19.5   | 24          | 30.9   | 22.1   | 25.4                 | 98  | 7      | 58  | 17    | 82                     | 22.0                      | 26.4              | 20.6   | 8.1             | 15                               | 9   |
| AGOSTO      | 87.8                  |                                       |     | 18.1   | 12          | 30.2   | 20.6   | 24.3                 | 97  | 9      | 50  | 29    | 81                     | 20.7                      | 24.4              | 0.2    | 0.2             | 10                               | 1   |
| SEPTIEMBRE  | 77.4                  | 35.5                                  | 13  |        |             | 30.8   | 21.2   | 24.3                 | 96  | 1      | 37  | 7     | 79                     | 20.3                      | 23.8              | 0.2    | 0.2             | 16                               | 1   |
| OCTUBRE     | 84.2                  | 34.5                                  | 2   | 19.2   | 23          | 30.6   | 20.6   | 24.1                 | 93  | 1      | 47  | 22    | 77                     | 19.5                      | 22.8              | 0.0    | 0.0             | 1                                | 0   |
| NOVIEMBRE   | 79.5                  | 34.5                                  | 18  | 18.9   | 25          | 29.8   | 20.8   | 24.3                 | 96  | 19     | 48  | 6     | 78                     | 19.9                      | 23.2              | 17.4   | 16.6            | 18                               | 3   |
| DICIEMBRE   | 112.6                 | 34.8                                  | 24  | 15.6   | 8           | 31.9   | 20.8   | 25.1                 | 98  | 7      | 46  | 31    | 74                     | 19.8                      | 23.0              | 0.0    | 0.0             | 1                                | 0   |
| VALOR ANUAL | 1309.4                |                                       |     |        |             | 31.8   | 22.5   | 25.9                 | 99  |        | 37  |       | 82                     | 22.3                      | 27.2              | 1699.0 | 86.7            |                                  |     |

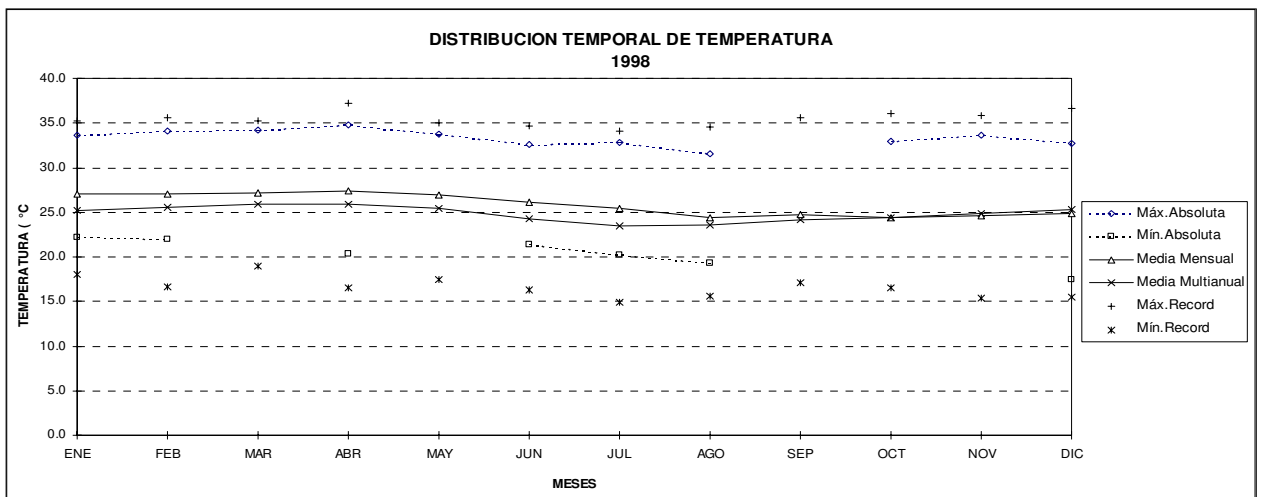
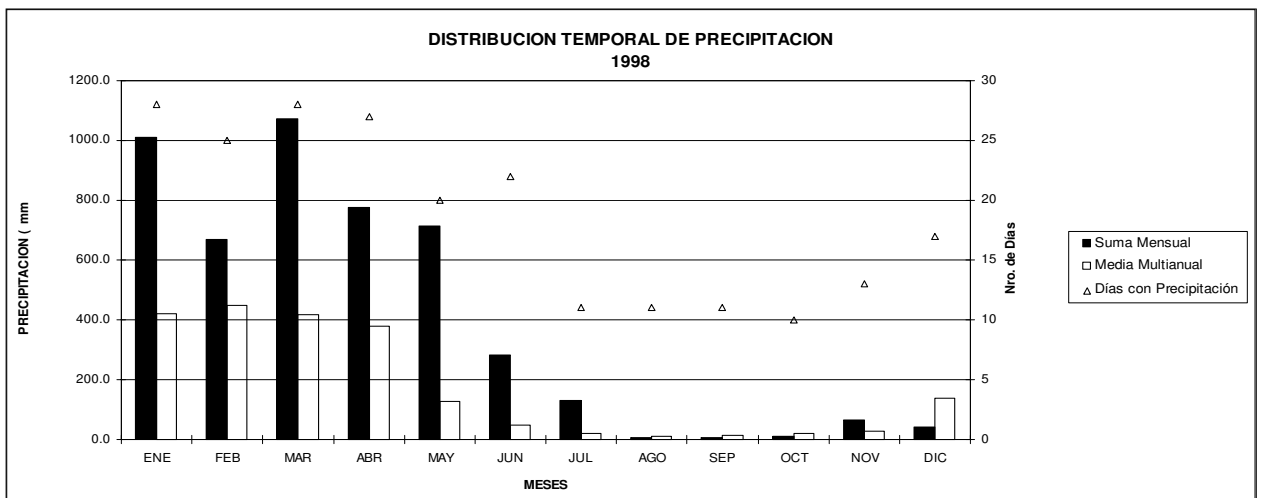
| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |    |     |       |     |    |       |    |         |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |       |    |       |    |     |
|-------------|------------------|-----------------|---------------|-------------------------------|---|-------|-----|---|-------|----|-----|-------|-----|----|-------|----|---------|---------|----------------------------------|---------------------------|-------|----|-------|----|-----|
|             | Suma Mensual     | Máxima en 24hrs | Máxima en día |                               | N                                       | NE    |     | E | SE    |    | S   | SW    |     | W  | NW    |    | CALMA % | Nro OBS |                                  |                           |       |    |       |    |     |
|             |                  |                 |               |                               |   | (m/s) | %   |   | (m/s) | %  |     | (m/s) | %   |    | (m/s) | %  |         |         |                                  |                           | (m/s) | %  | (m/s) | %  |     |
| ENERO       | 94.5             | 6.0             | 23            | 7                             | 1.5                                     | 4     | 1.5 | 8 | 1.3   | 9  | 1.3 | 5     | 1.0 | 2  | 2.2   | 9  | 2.0     | 14      | 1.7                              | 12                        | 38    | 93 | 3.5   | W  | 1.5 |
| FEBRERO     | 92.2             | 6.4             | 20            | 7                             | 1.0                                     | 1     | 2.0 | 2 | 1.5   | 13 | 1.0 | 4     | 1.8 | 2  | 2.4   | 10 | 1.8     | 17      | 1.6                              | 13                        | 38    | 84 | 3.0   | SW | 1.6 |
| MARZO       | 100.2            | 5.6             | 27            | 7                             | 1.8                                     | 3     | 1.7 | 9 | 1.2   | 5  | 1.4 | 4     | 2.0 | 8  | 3.1   | 5  | 2.1     | 13      | 1.8                              | 11                        | 42    | 93 | 5.5   | SW | 1.4 |
| ABRIL       | 115.3            | 6.8             | 10            | 6                             | 1.6                                     | 7     | 1.3 | 9 | 1.1   | 8  | 2.0 | 11    | 1.7 | 6  | 1.8   | 12 | 1.9     | 10      | 1.7                              | 3                         | 34    | 90 | 3.2   | NW | 1.4 |
| MAYO        | 97.9             | 5.8             | 1             | 7                             | 2.1                                     | 4     | 1.4 | 5 | 1.8   | 7  | 2.0 | 13    | 2.4 | 10 | 2.5   | 2  | 2.4     | 10      | 1.6                              | 5                         | 44    | 93 | 6.0   | W  | 1.2 |
| JUNIO       | 105.2            | 5.2             | 19            | 7                             | 1.5                                     | 3     | 1.5 | 3 | 1.5   | 8  | 1.9 | 26    | 1.4 | 9  | 2.5   | 2  | 1.6     | 4       | 1.1                              | 4                         | 40    | 90 | 3.5   | SE | 1.5 |
| JULIO       |                  |                 |               | 7                             | 1.3                                     | 3     | 1.8 | 4 | 2.1   | 26 | 2.3 | 10    | 1.9 | 13 | 2.9   | 4  | 1.7     | 5       | 2.0                              | 2                         | 32    | 93 | 4.0   | SW | 1.9 |
| AGOSTO      |                  |                 |               | 7                             | 2.7                                     | 2     | 2.0 | 4 | 1.7   | 17 | 2.6 | 15    | 2.6 | 8  | 2.2   | 11 | 2.6     | 9       | 2.4                              | 4                         | 30    | 93 | 5.0   | W  | 1.8 |
| SEPTIEMBRE  |                  |                 |               | 7                             | 1.0                                     | 1     | 2.0 | 2 | 1.5   | 26 | 2.4 | 19    | 1.8 | 6  | 2.6   | 3  | 1.7     | 8       | 2.5                              | 2                         | 33    | 90 | 3.5   | SE | 2.1 |
| OCTUBRE     | 107.7            |                 |               | 7                             | 2.9                                     | 2     | 2.0 | 2 | 1.7   | 16 | 2.3 | 11    | 2.3 | 20 | 1.9   | 8  | 2.6     | 5       | 2.6                              | 3                         | 32    | 93 | 4.2   | N  | 2.5 |
| NOVIEMBRE   | 97.1             | 7.9             | 7             | 8                             | 1.5                                     | 1     | 2.3 | 4 | 1.7   | 40 | 2.0 | 1     | 2.1 | 7  | 2.3   | 11 | 2.3     | 3       | 2.5                              | 2                         | 30    | 90 | 3.5   | SW | 2.2 |
| DICIEMBRE   | 124.3            | 5.7             | 25            | 7                             | 1.9                                     | 8     | 1.3 | 1 | 2.1   | 29 | 1.7 | 2     | 1.9 | 12 | 2.5   | 1  | 2.2     | 15      | 2.0                              | 1                         | 31    | 93 | 5.5   | W  | 2.2 |
| VALOR ANUAL |                  |                 |               | 7                             | 1.7                                     | 3     | 1.7 | 4 | 1.6   | 17 | 1.9 | 10    | 1.9 | 8  | 2.4   | 6  | 2.0     | 9       | 1.9                              | 5                         | 35    |    | 6.0   | W  | 1.7 |



M006 PICHILINGUE INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |             |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |       | Número de días con precipitación |         |
|-------------|-----------------------|---------------------------------------|-----|--------|-------------|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-------|----------------------------------|---------|
|             |                       | ABSOLUTAS                             |     |        | M E D I A S |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día   |                                  |         |
|             |                       | Máxima                                | día | Mínima | día         | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |       |                                  | Mensual |
| ENERO       | 125.9                 | 33.6                                  | 9   | 22.2   | 19          | 31.6   | 23.4   | 27.0                 | 99  | 19     | 66  | 27    | 88                     | 24.7                      | 31.1              | 1012.0          | 108.3 | 18                               | 28      |
| FEBRERO     | 103.4                 | 34.1                                  | 24  | 22.0   | 9           | 31.7   | 23.4   | 27.1                 | 98  | 2      | 35  | 24    | 88                     | 24.7                      | 31.2              | 669.0           | 104.4 | 17                               | 25      |
| MARZO       | 138.6                 | 34.2                                  | 5   |        |             | 32.2   | 23.2   | 27.2                 | 99  | 21     | 63  | 27    | 88                     | 24.8                      | 31.3              | 1072.0          | 146.1 | 5                                | 28      |
| ABRIL       | 145.5                 | 34.8                                  | 16  | 20.3   | 10          | 32.1   | 23.0   | 27.4                 | 99  | 13     | 48  | 29    | 86                     | 24.8                      | 31.3              | 775.2           | 95.9  | 2                                | 27      |
| MAYO        | 109.7                 | 33.7                                  | 8   |        |             | 31.2   | 23.0   | 26.9                 | 99  | 3      | 62  | 3     | 87                     | 24.5                      | 30.8              | 713.3           | 133.4 | 26                               | 20      |
| JUNIO       | 97.6                  | 32.6                                  | 3   | 21.4   | 19          | 30.1   | 22.4   | 26.1                 | 100 | 19     | 63  | 3     | 88                     | 23.9                      | 29.7              | 284.2           | 77.8  | 16                               | 22      |
| JULIO       | 84.3                  | 32.8                                  | 1   | 20.2   | 24          | 29.4   | 22.3   | 25.4                 | 98  | 7      | 67  | 17    | 87                     | 22.9                      | 27.9              | 130.7           | 64.6  | 6                                | 11      |
| AGOSTO      | 48.0                  | 31.6                                  | 29  | 19.3   | 20          | 28.3   | 21.4   | 24.4                 | 98  | 26     | 67  | 23    | 87                     | 21.9                      | 26.3              | 7.3             | 3.0   | 9                                | 11      |
| SEPTIEMBRE  | 43.9                  |                                       |     |        |             | 28.8   |        | 24.7                 |     |        |     |       | 84                     | 21.8                      | 26.0              | 6.1             | 2.6   | 29                               | 11      |
| OCTUBRE     | 50.7                  | 33.0                                  | 13  |        |             | 28.6   |        | 24.4                 | 97  | 19     | 55  | 13    | 81                     | 20.8                      | 24.6              | 11.8            | 4.2   | 2                                | 10      |
| NOVIEMBRE   | 43.8                  | 33.6                                  | 7   |        |             | 28.7   | 21.3   | 24.6                 | 98  | 19     | 53  | 7     | 82                     | 21.3                      | 25.3              | 66.8            | 30.2  | 7                                | 13      |
| DICIEMBRE   | 61.3                  | 32.7                                  | 31  | 17.4   | 7           | 29.4   | 21.4   | 24.8                 | 98  | 7      | 55  | 2     | 80                     | 21.0                      | 24.9              | 42.5            | 13.3  | 24                               | 17      |
| VALOR ANUAL | 1052.7                |                                       |     |        |             | 30.1   |        | 25.8                 |     |        |     |       | 85                     | 23.0                      | 28.3              | 4790.9          | 146.1 |                                  |         |

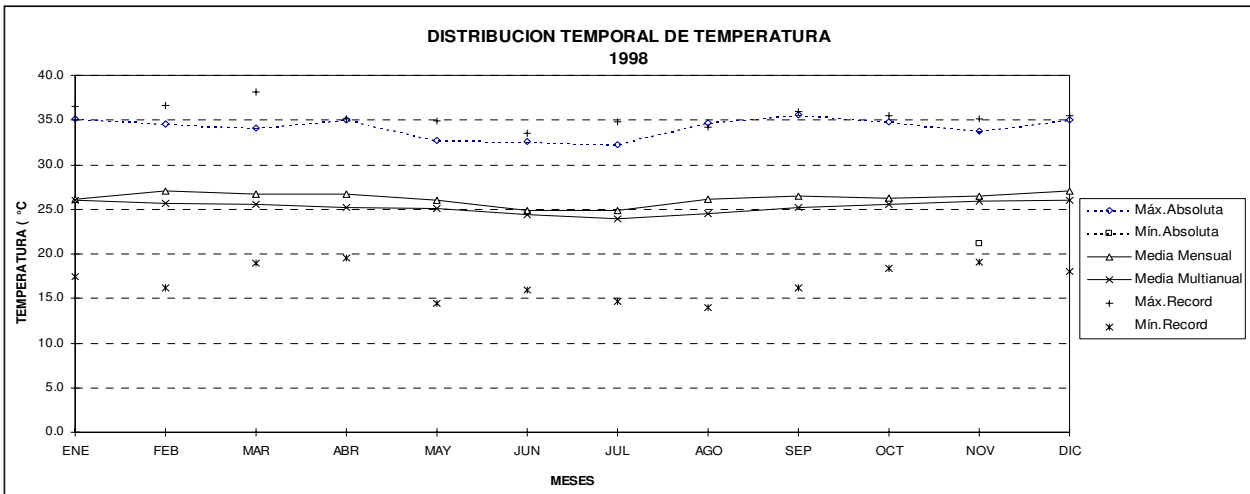
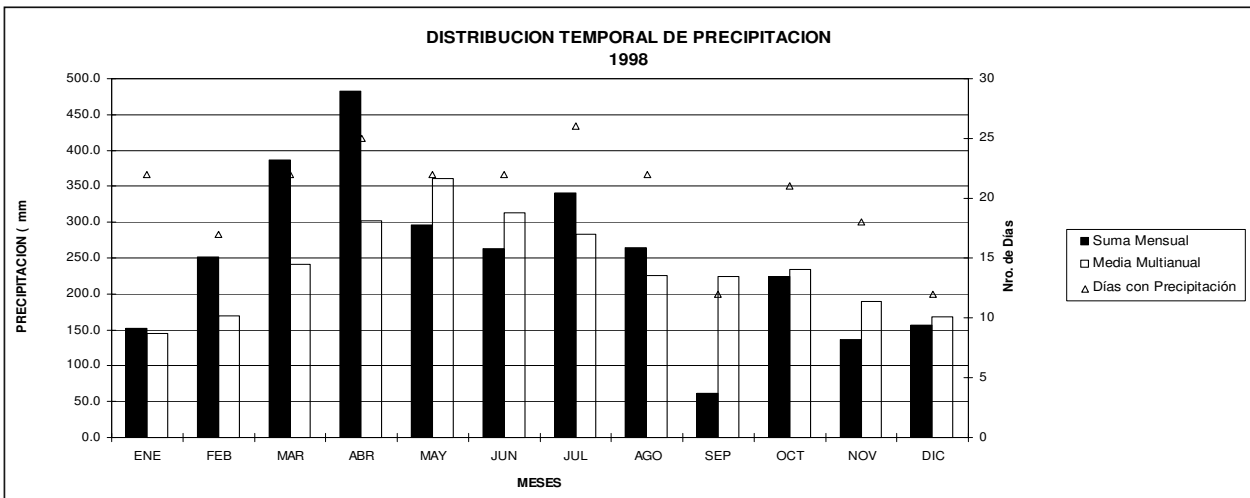
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |   |     |       |     |    |       |    |         |         |       |    | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |       |    |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|----|-------|---|-----|-------|-----|----|-------|----|---------|---------|-------|----|----------------------------------|---------------------------|-------|----|-----|
|             | Mensual          | Máxima en 24hrs | día |                               | N                                       | NE    |     | E  | SE    |   | S   | SW    |     | W  | NW    |    | CALMA % | Nro OBS |       |    |                                  |                           |       |    |     |
|             |                  |                 |     |                               |   | (m/s) | %   |    | (m/s) | % |     | (m/s) | %   |    | (m/s) | %  |         |         | (m/s) | %  |                                  |                           | (m/s) | %  |     |
| ENERO       | 95.5             | 5.6             | 31  | 7                             | 1.3                                     | 4     | 1.4 | 12 | 0.9   | 8 | 1.1 | 8     | 1.4 | 3  | 1.6   | 20 | 1.1     | 9       | 1.6   | 14 | 23                               | 93                        | 3.0   | SW | 1.3 |
| FEBRERO     | 85.5             | 6.9             | 20  | 8                             | 1.2                                     | 4     | 1.1 | 26 | 1.1   | 7 | 1.5 | 2     | 1.1 | 6  | 1.2   | 19 | 1.2     | 8       | 1.4   | 16 | 12                               | 84                        | 3.0   | NW | 1.3 |
| MARZO       | 98.5             | 6.5             | 31  | 7                             | 1.1                                     | 10    | 1.2 | 17 | 0.8   | 2 | 0.8 | 7     | 1.3 | 9  | 1.5   | 18 | 1.5     | 15      | 1.4   | 13 | 10                               | 93                        | 3.0   | N  | 1.5 |
| ABRIL       | 98.3             | 6.3             | 13  | 7                             | 0.9                                     | 6     | 1.4 | 14 | 1.0   | 2 | 1.7 | 9     | 1.0 | 8  | 1.7   | 21 | 1.5     | 12      | 1.6   | 14 | 13                               | 90                        | 3.0   | NW | 1.4 |
| MAYO        | 84.5             | 4.6             | 8   | 7                             | 1.0                                     | 3     | 1.1 | 14 | 1.0   | 4 | 1.1 | 15    | 1.1 | 5  | 1.5   | 22 | 1.2     | 8       | 1.5   | 12 | 17                               | 93                        | 3.0   | NW | 1.3 |
| JUNIO       | 75.9             | 4.7             | 1   | 6                             | 0.9                                     | 8     | 1.1 | 4  | 1.0   | 3 | 0.9 | 9     | 1.2 | 19 | 1.3   | 26 | 1.1     | 8       | 1.7   | 7  | 17                               | 90                        | 3.0   | S  | 1.3 |
| JULIO       | 72.3             | 3.3             | 26  | 7                             | 1.0                                     | 4     | 1.0 | 5  | 1.0   | 1 | 1.5 | 7     | 1.1 | 14 | 1.5   | 41 | 1.2     | 3       | 1.3   | 11 | 14                               | 93                        | 3.0   | SW | 1.6 |
| AGOSTO      | 64.0             | 3.6             | 2   | 7                             | 1.3                                     | 9     | 1.0 | 2  | 1.3   | 2 | 1.1 | 7     | 1.2 | 27 | 1.3   | 28 | 1.3     | 7       | 1.5   | 3  | 16                               | 93                        | 2.5   | S  | 1.3 |
| SEPTIEMBRE  | 72.4             | 4.8             | 7   | 7                             | 0.9                                     | 8     | 1.2 | 6  | 1.0   | 2 | 3.3 | 4     | 1.1 | 13 | 1.6   | 47 | 1.5     | 10      | 1.5   | 1  | 9                                | 90                        | 10.0  | SE | 1.5 |
| OCTUBRE     | 82.4             | 5.5             | 13  | 7                             | 1.5                                     | 2     | 1.2 | 10 | 1.0   | 3 | 1.6 | 7     | 1.4 | 26 | 1.4   | 31 | 1.0     | 7       | 1.4   | 4  | 11                               | 93                        | 3.0   | S  | 1.7 |
| NOVIEMBRE   | 74.2             | 5.6             | 7   | 7                             | 1.0                                     | 1     | 1.0 | 11 | 1.0   | 2 | 2.2 | 3     | 1.0 | 11 | 1.4   | 30 | 1.4     | 8       | 0.8   | 7  | 27                               | 90                        | 4.0   | SW | 1.4 |
| DICIEMBRE   | 83.2             | 4.3             | 31  | 6                             | 0.9                                     | 4     | 1.1 | 16 | 0.5   | 2 | 1.4 | 10    | 1.0 | 14 | 1.4   | 20 | 1.0     | 7       | 1.1   | 8  | 19                               | 93                        | 3.0   | SW | 1.2 |
| VALOR ANUAL | 986.7            | 6.9             |     | 6                             | 1.0                                     | 5     | 1.1 | 11 | 0.9   | 3 | 1.5 | 7     | 1.1 | 12 | 1.4   | 26 | 1.2     | 8       | 1.4   | 9  | 15                               |                           | 10.0  | SE | 1.4 |



**M007 NUEVO ROCAFUERTE INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |        |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|-----|-------------|--------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |        |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | día | Máxima      | Mínima | Mensual |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |
| ENERO       | 89.4                  | 35.2                                  | 31  | 31.0        | 23.3   | 26.1    | 98                   | 2   | 61     | 19  | 89    | 23.9                   | 29.7                      | 152.9             | 31.3            | 1   | 22                               |
| FEBRERO     | 96.4                  | 34.6                                  | 8   | 31.8        | 23.6   | 27.0    | 100                  | 4   | 61     | 21  | 87    | 24.6                   | 30.9                      | 251.8             | 103.5           | 11  | 17                               |
| MARZO       | 69.4                  | 34.1                                  | 23  | 31.4        | 23.4   | 26.7    | 99                   | 3   | 60     | 4   | 88    | 24.3                   | 30.5                      | 386.3             | 66.1            | 9   | 22                               |
| ABRIL       | 99.4                  | 35.0                                  | 15  | 31.2        | 23.4   | 26.7    |                      |     |        |     | 88    | 24.2                   | 30.3                      | 482.2             | 135.0           | 3   | 25                               |
| MAYO        | 101.6                 | 32.7                                  | 2   | 30.4        | 23.0   | 26.0    | 99                   | 3   | 56     | 20  | 88    | 23.7                   | 29.3                      | 295.3             | 50.4            | 16  | 22                               |
| JUNIO       | 69.7                  | 32.6                                  | 17  | 29.0        | 22.3   | 24.8    | 99                   | 15  | 61     | 18  | 90    | 23.0                   | 28.0                      | 263.2             | 41.8            | 8   | 22                               |
| JULIO       | 78.5                  | 32.3                                  | 28  | 29.5        | 21.8   | 24.9    | 99                   | 7   | 63     | 7   | 88    | 22.7                   | 27.5                      | 340.7             | 52.5            | 5   | 26                               |
| AGOSTO      | 167.0                 | 34.7                                  | 19  | 31.9        | 22.0   | 26.1    | 98                   | 7   | 53     | 20  | 85    | 23.2                   | 28.5                      | 260.9             | 56.3            | 1   | 22                               |
| SEPTIEMBRE  | 149.1                 | 35.6                                  | 28  | 32.2        | 22.0   | 26.5    | 100                  | 24  | 52     | 27  | 83    | 23.1                   | 28.2                      | 62.0              | 26.7            | 15  | 12                               |
| OCTUBRE     | 125.8                 | 34.8                                  | 6   | 32.0        | 22.4   | 26.2    | 98                   | 6   | 51     | 21  | 86    | 23.4                   | 28.8                      | 224.8             | 36.3            | 28  | 21                               |
| NOVIEMBRE   | 142.9                 | 33.8                                  | 25  | 31.7        | 22.9   | 26.5    | 99                   | 21  | 54     | 25  | 86    | 23.9                   | 29.6                      | 137.1             | 24.9            | 14  | 18                               |
| DICIEMBRE   | 66.2                  | 35.0                                  | 3   | 32.6        | 22.4   | 27.0    | 98                   | 12  | 54     | 22  | 83    | 23.6                   | 29.2                      | 156.9             | 44.4            | 14  | 12                               |
| VALOR ANUAL | 1255.4                | 35.6                                  |     | 31.2        | 22.7   | 26.2    |                      |     |        |     | 86    | 23.6                   | 29.2                      | 3017.1            | 135.0           |     |                                  |

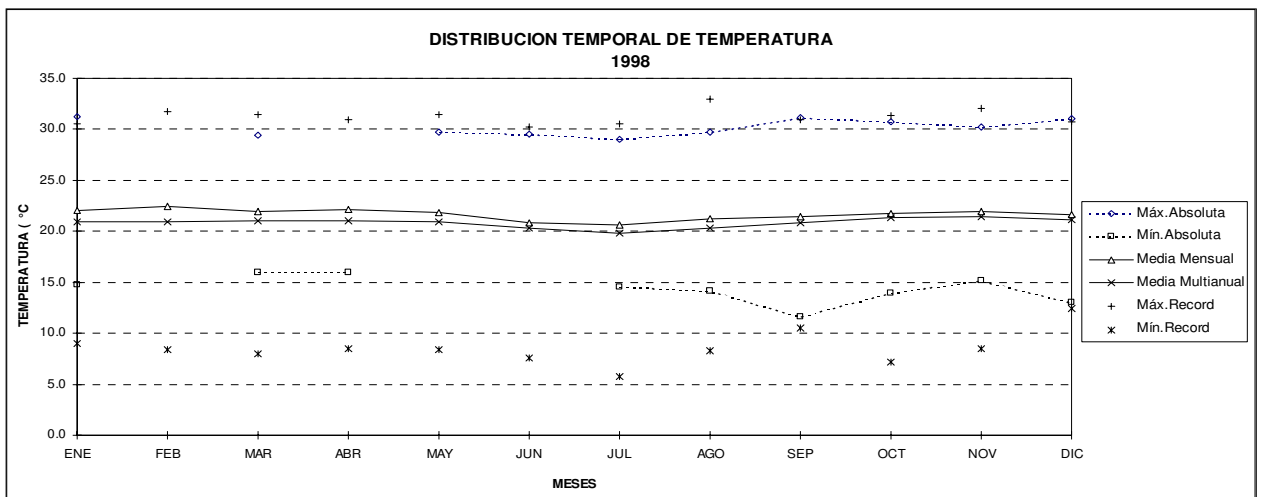
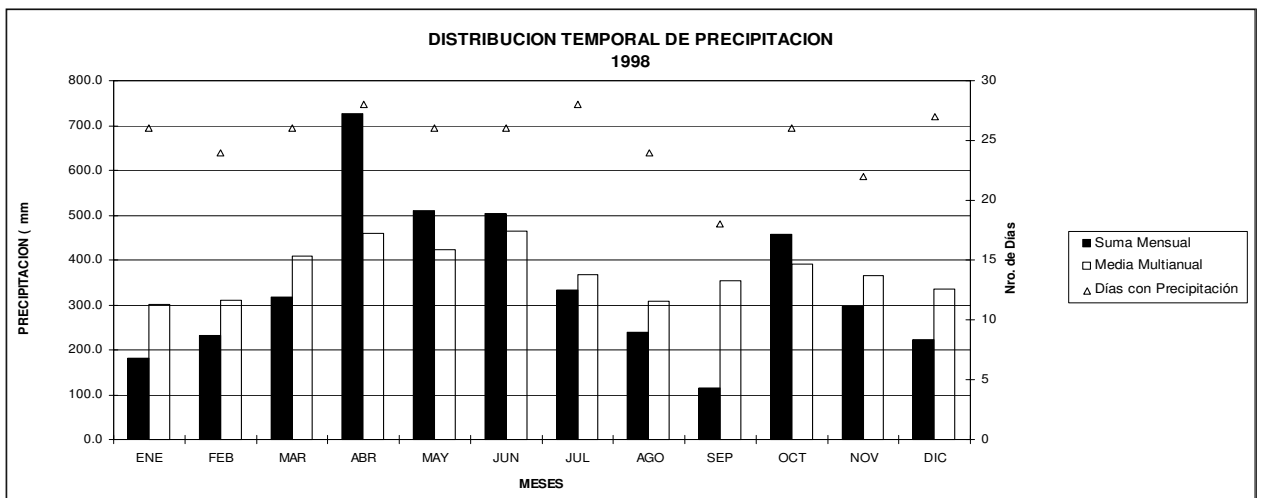
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |    |       |    |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |       |     |    |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|----|-------|----|-----|-------|-----|---------|----------------------------------|---------------------------|---------|-------|-----|----|-----|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S  | SW    |    | W   | NW    |     | CALMA % |                                  |                           | Nro OBS |       |     |    |     |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   |    | (m/s) | %  |     | (m/s) | %   |         |                                  |                           |         | (m/s) | %   |    |     |
| ENERO       | 63.0             | 3.7             | 31  | 7                             | 1.5                                     | 2     | 1.6 | 45    | 1.3 | 16    | 1.7 | 3  | 0.0   | 0  | 1.3 | 3     | 1.7 | 3       | 1.3                              | 16                        | 11      | 93    | 3.0 | NE | 0.3 |
| FEBRERO     | 72.5             | 5.0             | 21  | 7                             | 1.5                                     | 2     | 1.4 | 37    | 1.6 | 19    | 2.0 | 2  | 2.0   | 4  | 1.7 | 4     | 0.0 | 0       | 1.8                              | 16                        | 17      | 84    | 4.0 | NE | 0.3 |
| MARZO       | 80.1             | 5.3             | 28  | 7                             | 2.5                                     | 2     | 1.5 | 23    | 1.8 | 14    | 1.7 | 3  | 1.5   | 2  | 0.0 | 0     | 1.1 | 9       | 1.4                              | 32                        | 15      | 93    | 3.0 | NE | 0.3 |
| ABRIL       | 80.9             | 4.6             | 15  | 7                             | 1.5                                     | 4     | 1.5 | 48    | 1.7 | 3     | 1.7 | 7  | 1.0   | 4  | 2.0 | 1     | 2.3 | 3       | 1.6                              | 18                        | 11      | 90    | 4.0 | W  | 0.3 |
| MAYO        | 82.6             | 4.9             | 2   | 7                             | 1.0                                     | 1     | 1.7 | 39    | 1.7 | 7     | 1.3 | 3  | 1.6   | 13 | 1.5 | 12    | 1.0 | 2       | 1.5                              | 9                         | 15      | 93    | 4.0 | NE | 0.2 |
| JUNIO       | 57.9             | 4.1             | 30  | 7                             | 2.0                                     | 1     | 1.7 | 17    | 1.3 | 4     | 1.5 | 21 | 1.6   | 6  | 1.7 | 3     | 1.5 | 21      | 1.3                              | 7                         | 20      | 90    | 3.0 | SE | 0.2 |
| JULIO       | 70.3             | 4.0             | 20  | 7                             | 0.0                                     | 0     | 1.9 | 10    | 2.0 | 1     | 1.7 | 16 | 1.5   | 18 | 1.7 | 10    | 1.6 | 8       | 1.8                              | 7                         | 31      | 93    | 3.0 | NE | 0.1 |
| AGOSTO      | 97.5             | 5.6             | 16  | 6                             | 1.5                                     | 13    | 1.7 | 28    | 1.7 | 3     | 1.5 | 2  | 1.0   | 2  | 1.5 | 4     | 1.7 | 10      | 1.4                              | 10                        | 28      | 93    | 3.0 | NE | 0.3 |
| SEPTIEMBRE  | 101.8            | 5.1             | 12  | 6                             | 1.4                                     | 6     | 1.7 | 21    | 2.0 | 9     | 1.5 | 4  | 0.0   | 0  | 1.5 | 4     | 1.8 | 11      | 1.7                              | 11                        | 33      | 90    | 5.0 | NE | 0.4 |
| OCTUBRE     | 98.6             | 5.1             | 21  | 7                             | 2.0                                     | 2     | 2.0 | 24    | 1.4 | 9     | 1.6 | 8  | 0.0   | 0  | 2.0 | 8     | 1.6 | 11      | 1.4                              | 9                         | 31      | 93    | 5.0 | NE | 0.5 |
| NOVIEMBRE   | 78.9             | 4.9             | 25  | 6                             | 1.6                                     | 6     | 2.0 | 29    | 1.5 | 11    | 1.0 | 2  | 1.0   | 1  | 0.0 | 0     | 0.0 | 0       | 1.7                              | 7                         | 44      | 90    | 4.0 | NE | 0.5 |
| DICIEMBRE   | 101.5            | 6.0             | 21  | 6                             | 2.0                                     | 3     | 1.8 | 58    | 1.3 | 3     | 1.7 | 3  | 0.0   | 0  | 2.0 | 1     | 2.3 | 3       | 2.2                              | 7                         | 22      | 93    | 4.0 | NE | 0.6 |
| VALOR ANUAL | 985.6            | 6.0             |     | 6                             | 1.5                                     | 3     | 1.7 | 31    | 1.6 | 8     | 1.5 | 6  | 0.9   | 4  | 1.4 | 4     | 1.3 | 6       | 1.5                              | 12                        | 23      |       | 5.0 | NE | 0.3 |



M008 PUYO INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |       |             |        |         |      | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                    |       | Número<br>de días con<br>precipitación |    |
|-------------|-----------------------|---------------------------------------|-------|-------------|--------|---------|------|----------------------|-----|--------|-----|-------|---------------------------|------------------------------|-------------------|--------------------|-------|--|----|
|             |                       | ABSOLUTAS                             |       | M E D I A S |        |         |      | Máxima               | día | Mínima | día | Media |                           |                              | Suma              | Máxima en<br>24hrs | día   |  |    |
|             |                       | Máxima                                | Minía | Máxima      | Minima | Mensual |      |                      |     |        |     |       |                           |                              |                   |                    |       |  |    |
| ENERO       | 73.1                  | 31.3                                  | 7     | 14.8        | 2      | 27.8    | 18.4 | 22.1                 | 100 | 24     | 49  | 7     | 88                        | 19.9                         | 23.3              | 181.6              | 24.0  | 28                                     | 26 |
| FEBRERO     | 67.1                  |                                       |       |             |        | 28.0    | 19.0 | 22.5                 | 99  | 1      | 55  | 4     | 89                        | 20.4                         | 24.1              | 232.8              | 44.1  | 11                                     | 24 |
| MARZO       | 64.2                  | 29.4                                  | 31    | 16.0        | 1      | 27.2    | 18.7 | 22.0                 | 100 | 18     | 64  | 27    | 91                        | 20.4                         | 23.9              | 316.2              | 36.2  | 17                                     | 26 |
| ABRIL       | 79.8                  |                                       |       | 16.0        | 11     | 27.2    | 18.9 | 22.2                 | 100 | 22     | 63  | 27    | 91                        | 20.5                         | 24.1              | 727.1              | 146.2 | 18                                     | 28 |
| MAYO        | 73.2                  | 29.7                                  | 16    |             |        | 26.7    | 18.5 | 21.8                 | 100 | 28     | 61  | 10    | 90                        | 20.1                         | 23.5              | 509.8              | 108.8 | 31                                     | 26 |
| JUNIO       | 59.2                  | 29.5                                  | 18    |             |        | 25.8    | 17.8 | 20.8                 | 100 | 1      | 55  | 29    | 90                        | 18.9                         | 21.9              | 502.5              | 63.6  | 20                                     | 26 |
| JULIO       | 69.8                  | 29.0                                  | 1     | 14.6        | 14     | 25.7    | 17.2 | 20.6                 | 99  | 2      | 55  | 7     | 89                        | 18.5                         | 21.3              | 334.2              | 57.4  | 28                                     | 28 |
| AGOSTO      | 119.0                 | 29.7                                  | 14    | 14.2        | 19     | 27.9    | 16.4 | 21.2                 | 99  | 7      | 50  | 12    | 85                        | 18.3                         | 21.1              | 239.3              | 37.3  | 12                                     | 24 |
| SEPTIEMBRE  | 141.5                 | 31.2                                  | 7     | 11.6        | 1      | 28.0    | 15.9 | 21.4                 | 100 | 1      | 51  | 14    | 85                        | 18.5                         | 21.3              | 115.0              | 39.0  | 19                                     | 18 |
| OCTUBRE     | 122.9                 | 30.8                                  | 13    | 14.0        | 16     | 28.1    | 16.6 | 21.7                 | 100 | 16     | 52  | 6     | 86                        | 19.0                         | 22.0              | 456.8              | 81.7  | 2                                      | 26 |
| NOVIEMBRE   | 95.5                  | 30.2                                  | 25    | 15.2        | 3      | 27.8    | 17.6 | 22.0                 | 100 | 6      | 52  | 11    | 87                        | 19.5                         | 22.6              | 297.0              | 44.6  | 28                                     | 22 |
| DICIEMBRE   | 107.8                 | 31.1                                  | 2     | 13.0        | 17     | 28.0    | 16.8 | 21.6                 | 99  | 5      | 58  | 21    | 88                        | 19.3                         | 22.4              | 222.6              | 34.2  | 23                                     | 27 |
| VALOR ANUAL | 1073.1                |                                       |       |             |        | 27.3    | 17.6 | 21.6                 | 100 |        | 49  |       | 88                        | 19.4                         | 22.6              | 4134.9             | 146.2 |  |    |

| MES         | EVAPORACION (mm) |                    |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |            | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |            |       |     |
|-------------|------------------|--------------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|------------|---------------------------------|------------------------------|------------|-------|-----|
|             | Suma<br>Mensual  | Máxima en<br>24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA<br>% |                                 |                              | Nro<br>OBS |       |     |
|             |                  |                    |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   |            |                                 |                              |            | (m/s) | %   |
| ENERO       | 72.2             | 4.8                | 9   | 7                             | 1.0                                     | 1     | 2.0 | 13    | 1.5 | 9     | 1.0 | 4     | 1.0 | 4     | 1.2 | 11    | 1.3 | 4     | 1.3 | 2          | 52                              | 93                           | 3.0        | NE    | 0.9 |
| FEBRERO     | 78.0             | 5.5                | 4   | 7                             | 1.2                                     | 4     | 1.6 | 6     | 1.8 | 19    | 1.0 | 4     | 1.0 | 4     | 1.1 | 6     | 1.0 | 2     | 1.1 | 5          | 51                              | 84                           | 3.0        | E     | 0.8 |
| MARZO       | 75.4             | 7.2                | 31  | 7                             | 2.0                                     | 2     | 1.1 | 9     | 1.8 | 17    | 1.0 | 2     | 1.0 | 3     | 1.0 | 4     | 1.0 | 2     | 1.2 | 3          | 57                              | 93                           | 3.0        | N     | 0.8 |
| ABRIL       | 68.3             | 4.3                | 10  | 7                             | 1.3                                     | 2     | 1.5 | 14    | 2.0 | 12    | 1.5 | 9     | 1.0 | 4     | 1.4 | 4     | 1.0 | 3     | 0.0 | 0          | 50                              | 90                           | 3.5        | SE    | 0.8 |
| MAYO        | 68.1             | 4.5                | 21  | 7                             | 1.4                                     | 4     | 1.5 | 5     | 1.4 | 14    | 1.4 | 8     | 1.1 | 9     | 1.5 | 3     | 4.0 | 1     | 1.0 | 1          | 55                              | 93                           | 4.0        | E     | 0.7 |
| JUNIO       | 57.9             | 4.2                | 18  | 7                             | 0.0                                     | 0     | 2.0 | 2     | 1.3 | 11    | 1.2 | 12    | 1.4 | 9     | 1.5 | 2     | 1.0 | 2     | 1.0 | 3          | 58                              | 90                           | 3.0        | NE    | 0.7 |
| JULIO       | 61.2             | 4.4                | 14  | 7                             | 1.2                                     | 5     | 1.7 | 9     | 1.5 | 8     | 2.0 | 2     | 1.4 | 9     | 1.3 | 2     | 1.3 | 3     | 1.0 | 4          | 58                              | 93                           | 3.5        | NE    | 0.6 |
| AGOSTO      | 94.4             | 5.6                | 21  | 6                             | 1.0                                     | 4     | 2.4 | 9     | 2.3 | 11    | 2.0 | 7     | 1.0 | 5     | 1.3 | 3     | 1.3 | 2     | 1.4 | 8          | 52                              | 93                           | 5.0        | NE    | 0.9 |
| SEPTIEMBRE  | 98.4             | 5.5                | 11  | 5                             | 1.2                                     | 8     | 2.1 | 13    | 1.8 | 11    | 2.0 | 4     | 1.0 | 4     | 2.0 | 3     | 0.0 | 0     | 1.3 | 4          | 51                              | 90                           | 3.5        | NE    | 0.9 |
| OCTUBRE     | 94.1             | 6.0                | 27  | 6                             | 2.9                                     | 10    | 2.2 | 13    | 1.5 | 2     | 1.5 | 4     | 1.8 | 3     | 1.7 | 3     | 1.0 | 3     | 2.0 | 1          | 60                              | 93                           | 6.0        | N     | 0.9 |
| NOVIEMBRE   | 85.9             | 5.3                | 20  | 6                             | 2.2                                     | 10    | 2.6 | 18    | 2.2 | 7     | 1.2 | 6     | 2.5 | 2     | 1.3 | 3     | 1.0 | 2     | 1.6 | 6          | 47                              | 90                           | 5.0        | N     | 1.2 |
| DICIEMBRE   | 93.2             | 6.3                | 3   | 6                             | 1.3                                     | 10    | 1.9 | 14    | 1.8 | 12    | 1.6 | 5     | 0.0 | 0     | 1.3 | 8     | 1.3 | 3     | 1.5 | 2          | 46                              | 93                           | 4.0        | NE    | 0.9 |
| VALOR ANUAL | 947.1            | 7.2                |     | 6                             | 1.3                                     | 5     | 1.8 | 10    | 1.7 | 11    | 1.4 | 5     | 1.1 | 4     | 1.3 | 4     | 1.2 | 2     | 1.2 | 3          | 53                              |                              | 6.0        | N     | 0.8 |

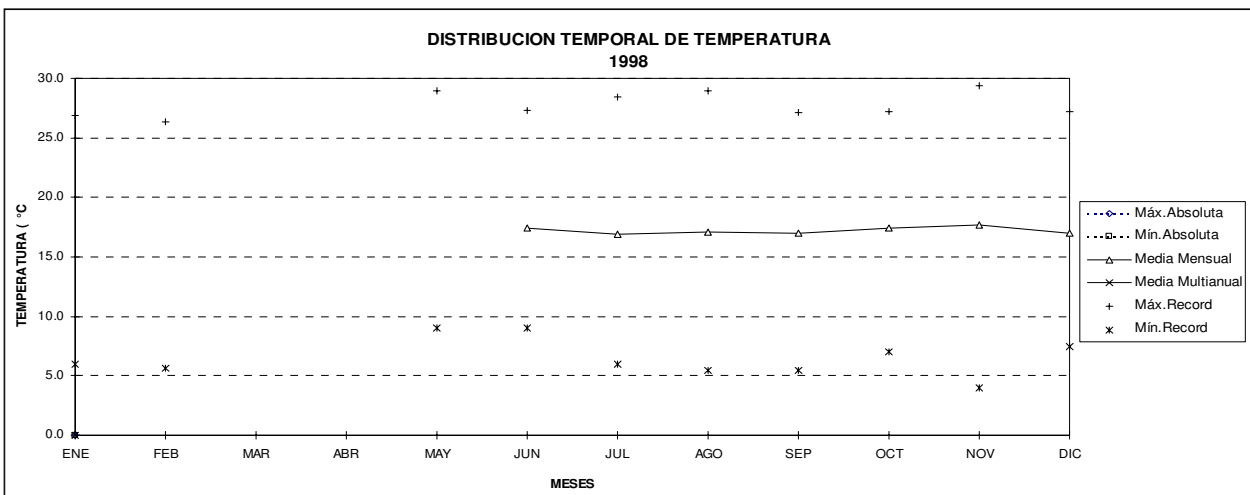
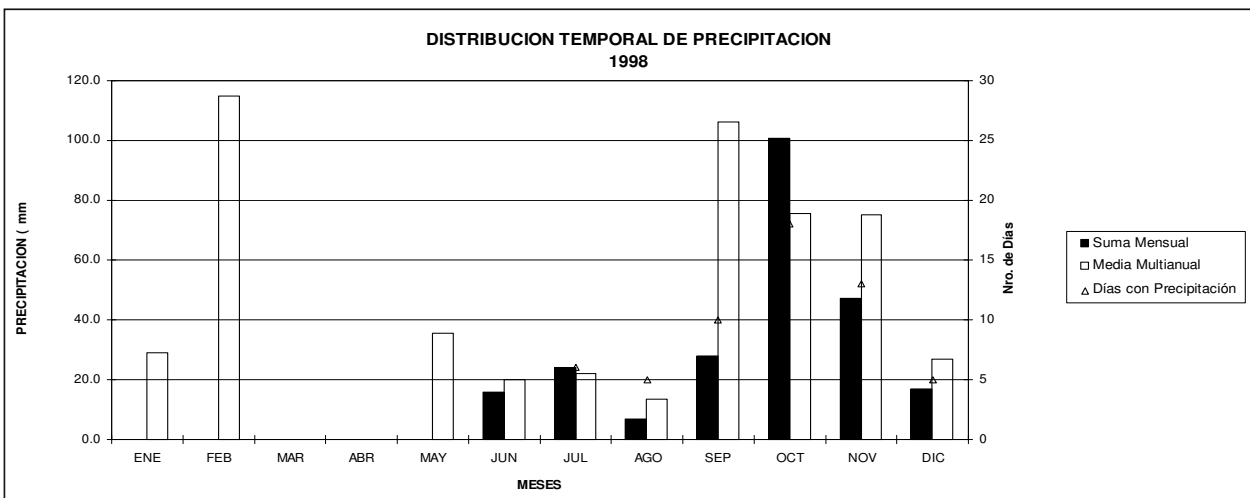




**M009 LA VICTORIA INERHI IHERHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |  |             |  | HUMEDAD RELATIVA (%) |            |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--|-------------|--|----------------------|------------|-------|------------------------|---------------------------|-------------------|-----------------|----------------------------------|
|             |                       | ABSOLUTAS                             |  | M E D I A S |  | Máxima día           | Mínima día | Media |                        |                           | Mensual           | Máxima en 24hrs |                                  |
| ENERO       |                       |                                       |  |             |  |                      |            |       |                        |                           |                   |                 |                                  |
| FEBRERO     |                       |                                       |  |             |  |                      |            |       |                        |                           |                   |                 |                                  |
| MARZO       |                       |                                       |  |             |  |                      |            |       |                        |                           |                   |                 |                                  |
| ABRIL       |                       |                                       |  |             |  |                      |            |       |                        |                           |                   |                 |                                  |
| MAYO        |                       |                                       |  |             |  |                      |            |       |                        |                           |                   |                 |                                  |
| JUNIO       | 166.7                 |                                       |  | 24.8        |  | 17.4                 |            |       | 79                     | 13.2                      | 15.3              | 15.7            |                                  |
| JULIO       | 169.0                 |                                       |  | 25.1        |  | 16.9                 |            |       | 76                     | 12.1                      | 14.2              | 24.3            |                                  |
| AGOSTO      | 189.5                 |                                       |  | 25.8        |  | 17.1                 | 98         | 3     | 30                     | 24                        | 74                | 11.7            |                                  |
| SEPTIEMBRE  | 161.2                 |                                       |  | 25.8        |  | 17.0                 |            |       | 75                     | 11.9                      | 14.0              | 28.0            |                                  |
| OCTUBRE     | 167.8                 |                                       |  | 26.0        |  | 17.4                 |            |       | 77                     | 12.6                      | 14.6              | 100.7           |                                  |
| NOVIEMBRE   | 157.1                 |                                       |  | 24.6        |  | 17.7                 |            |       | 79                     | 13.5                      | 15.5              | 47.2            |                                  |
| DICIEMBRE   | 175.1                 |                                       |  | 25.5        |  | 17.0                 |            |       | 77                     | 12.3                      | 14.4              | 17.0            |                                  |
| VALOR ANUAL |                       |                                       |  |             |  |                      |            |       |                        |                           |                   |                 |                                  |

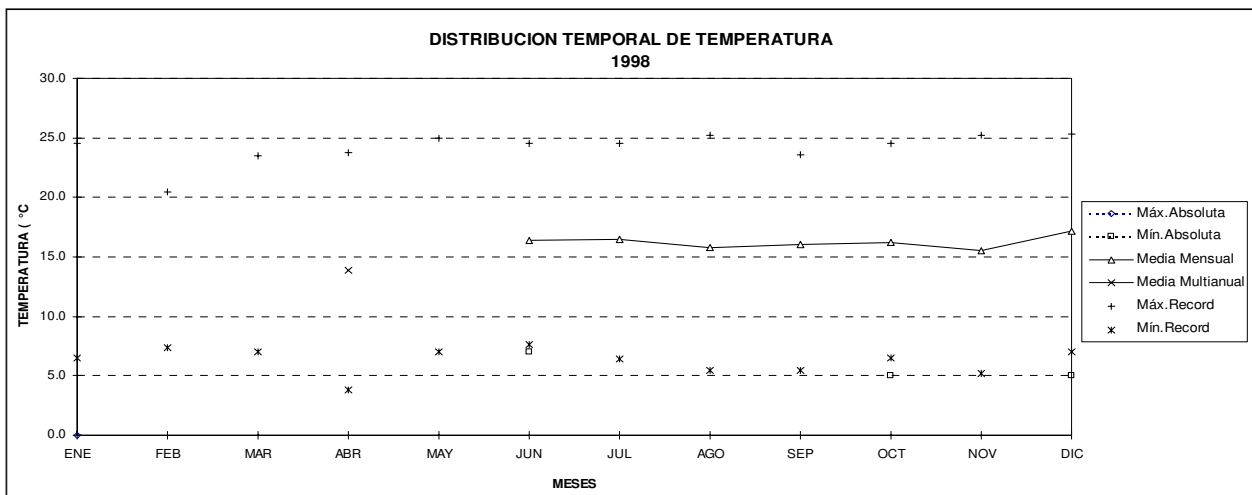
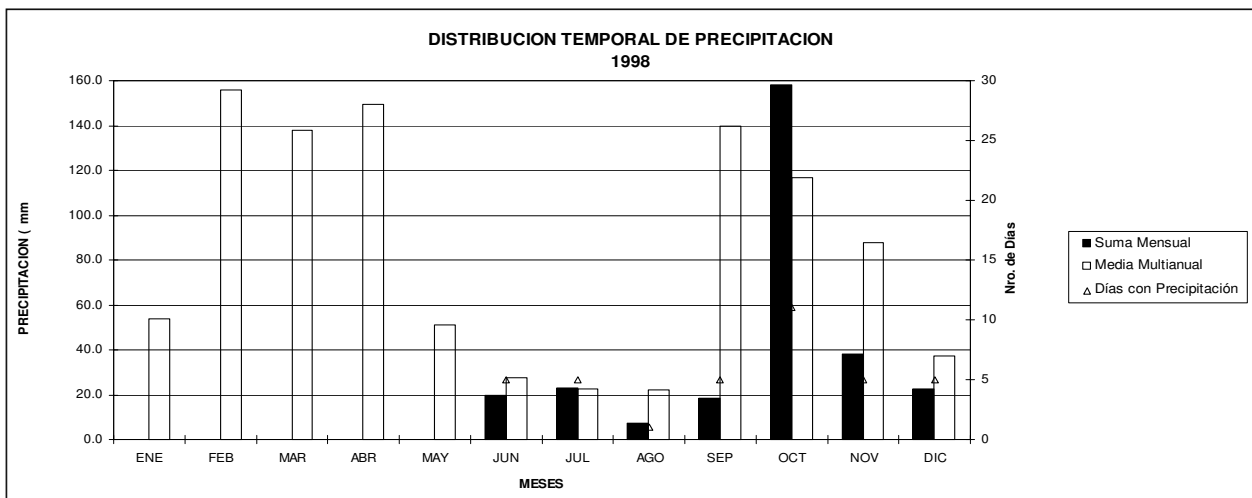
| MES         | EVAPORACION (mm) |                     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |     |    |     |    |     |    |       |         |     |    | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |     |   |    |    |      |    |     |  |
|-------------|------------------|---------------------|-------------------------------|---|----|-----|----|-----|----|-----|----|-------|---------|-----|----|----------------------------------|---------------------------|-----|---|----|----|------|----|-----|--|
|             | Suma Mensual     | Máxima en 24hrs día |                               | N                                       | NE | E   | SE | S   | SW | W   | NW | CALMA | Nro OBS |     |    |                                  |                           |     |   |    |    |      |    |     |  |
| ENERO       |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |   |    |    |      |    |     |  |
| FEBRERO     |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |   |    |    |      |    |     |  |
| MARZO       |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |   |    |    |      |    |     |  |
| ABRIL       |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |   |    |    |      |    |     |  |
| MAYO        |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |   |    |    |      |    |     |  |
| JUNIO       |                  |                     | 3                             |   |    |     |    |     |    |     |    |       |         |     |    |                                  | 2.6                       |     |   |    |    |      |    |     |  |
| JULIO       |                  |                     | 3                             |   |    |     |    |     |    |     |    |       |         |     |    |                                  | 2.4                       |     |   |    |    |      |    |     |  |
| AGOSTO      |                  |                     | 3                             | 0.0                                     | 0  | 6.0 | 3  | 3.9 | 15 | 3.6 | 5  | 2.0   | 3       | 2.5 | 12 | 3.5                              | 17                        | 2.0 | 1 | 43 | 93 | 8.0  | NE | 2.9 |  |
| SEPTIEMBRE  |                  |                     | 3                             | 0.0                                     | 0  | 0.0 | 0  | 3.7 | 7  | 2.0 | 2  | 2.2   | 10      | 2.0 | 3  | 3.8                              | 28                        | 0.0 | 0 | 50 | 90 | 6.0  | W  | 2.5 |  |
| OCTUBRE     |                  |                     | 4                             | 4.0                                     | 1  | 4.0 | 1  | 4.2 | 10 | 2.0 | 4  | 2.0   | 2       | 2.3 | 7  | 3.5                              | 23                        | 2.0 | 1 | 52 | 93 | 8.0  | E  | 2.0 |  |
| NOVIEMBRE   |                  |                     | 4                             | 2.0                                     | 2  | 3.0 | 2  | 2.0 | 2  | 0.0 | 0  | 0.0   | 0       | 2.8 | 6  | 4.5                              | 34                        | 0.0 | 0 | 53 | 90 | 8.0  | W  | 1.9 |  |
| DICIEMBRE   |                  |                     | 3                             | 4.0                                     | 1  | 2.0 | 2  | 2.0 | 4  | 2.0 | 3  | 0.0   | 0       | 3.1 | 8  | 4.6                              | 37                        | 0.0 | 0 | 45 | 93 | 12.0 | W  | 2.5 |  |
| VALOR ANUAL |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |   |    |    |      |    |     |  |



**M010** **MONTESERRIN** **IHERHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |         | HUMEDAD RELATIVA (%) |     |        |     | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |      |                    | Número<br>de días con<br>precipitación |     |    |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|---------|----------------------|-----|--------|-----|---------------------------|------------------------------|-------------------|------|--------------------|--|-----|----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |         | Máxima               | día | Mínima | día |                           |                              | Media             | Suma | Máxima en<br>24hrs |  | día |    |
|             |                       | Máxima                                | día | Mínima      | día  | Mensual |                      |     |        |     |                           |                              |                   |      |                    |  |     |    |
| ENERO       |                       |                                       |     |             |      |         |                      |     |        |     |                           |                              |                   |      |                    |  |     |    |
| FEBRERO     |                       |                                       |     |             |      |         |                      |     |        |     |                           |                              |                   |      |                    |  |     |    |
| MARZO       |                       |                                       |     |             |      |         |                      |     |        |     |                           |                              |                   |      |                    |  |     |    |
| ABRIL       |                       |                                       |     |             |      |         |                      |     |        |     |                           |                              |                   |      |                    |  |     |    |
| MAYO        |                       |                                       |     |             |      |         |                      |     |        |     |                           |                              |                   |      |                    |  |     |    |
| JUNIO       | 178.5                 |                                       | 7.0 | 15          | 23.5 | 8.5     | 16.4                 | 100 | 2      | 63  | 17                        | 95                           | 15.6              | 18.1 | 19.6               | 8.0                                    | 1   | 5  |
| JULIO       | 175.3                 |                                       |     |             | 23.8 | 8.2     | 16.5                 |     |        |     |                           | 96                           | 15.8              | 18.4 | 23.2               | 7.7                                    | 9   | 5  |
| AGOSTO      |                       |                                       |     |             | 22.9 | 8.4     | 15.8                 | 100 | 12     | 60  | 19                        | 93                           | 14.6              | 17.0 | 7.2                | 7.2                                    | 5   | 1  |
| SEPTIEMBRE  | 95.3                  |                                       |     |             | 23.2 | 7.3     | 16.0                 |     |        |     |                           | 96                           | 15.4              | 18.0 | 18.6               | 8.4                                    | 16  | 5  |
| OCTUBRE     | 151.5                 |                                       | 5.0 | 14          | 23.5 | 8.0     | 16.2                 |     |        |     |                           | 95                           | 15.5              | 18.1 | 158.0              | 36.2                                   | 13  | 11 |
| NOVIEMBRE   | 149.8                 |                                       |     |             | 21.7 | 8.3     | 15.5                 |     |        |     |                           | 97                           | 15.1              | 17.6 | 38.0               | 12.6                                   | 8   | 5  |
| DICIEMBRE   | 162.1                 |                                       | 5.0 | 5           | 24.1 | 6.9     | 17.2                 |     |        |     |                           | 95                           | 16.4              | 19.4 | 22.7               | 6.5                                    | 10  | 5  |
| VALOR ANUAL |                       |                                       |     |             |      |         |                      |     |        |     |                           |                              |                   |      |                    |  |     |    |

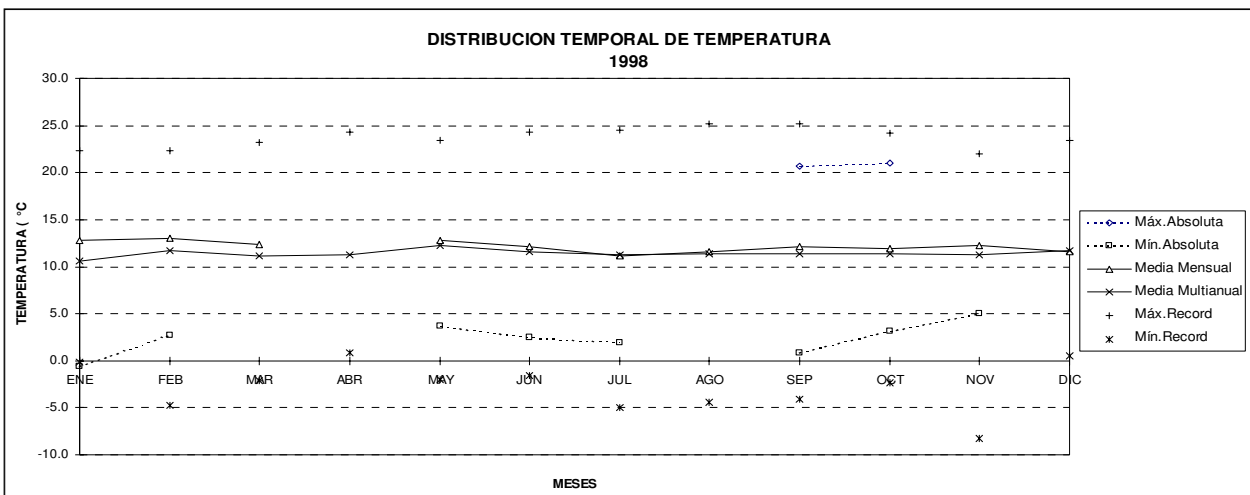
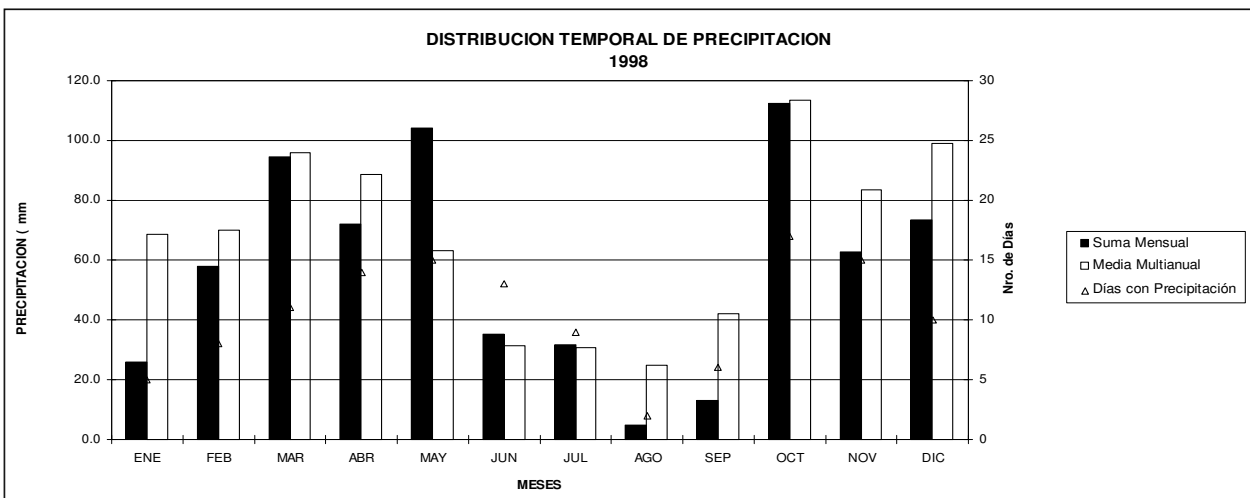
| MES         | EVAPORACION (mm) |                    |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |   |    |   |    |   |    |       |            |       |   | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |
|-------------|------------------|--------------------|-----|-------------------------------|---|----|---|----|---|----|---|----|-------|------------|-------|---|---------------------------------|------------------------------|
|             | Suma<br>Mensual  | Máxima en<br>24hrs | día |                               | N                                       | NE | E | SE | S | SW | W | NW | CALMA | Nro<br>OBS |       |   |                                 |                              |
|             |                  |                    |     |                               |   |    |   |    |   |    |   |    |       |            | (m/s) | % |                                 |                              |
| ENERO       |                  |                    |     |                               |   |    |   |    |   |    |   |    |       |            |       |   |                                 |                              |
| FEBRERO     |                  |                    |     |                               |   |    |   |    |   |    |   |    |       |            |       |   |                                 |                              |
| MARZO       |                  |                    |     |                               |   |    |   |    |   |    |   |    |       |            |       |   |                                 |                              |
| ABRIL       |                  |                    |     |                               |   |    |   |    |   |    |   |    |       |            |       |   |                                 |                              |
| MAYO        |                  |                    |     |                               |   |    |   |    |   |    |   |    |       |            |       |   |                                 |                              |
| JUNIO       | 84.2             | 6.0                | 24  | 6                             |   |    |   |    |   |    |   |    |       |            |       |   | 1.1                             |                              |
| JULIO       | 86.2             | 5.5                | 1   | 6                             |   |    |   |    |   |    |   |    |       |            |       |   | 1.4                             |                              |
| AGOSTO      | 90.2             | 6.0                | 2   | 5                             |   |    |   |    |   |    |   |    |       |            |       |   | 1.5                             |                              |
| SEPTIEMBRE  | 79.2             | 5.5                | 26  | 6                             |   |    |   |    |   |    |   |    |       |            |       |   | 1.2                             |                              |
| OCTUBRE     | 62.0             |                    |     | 6                             |   |    |   |    |   |    |   |    |       |            |       |   | 1.3                             |                              |
| NOVIEMBRE   | 55.5             | 4.0                | 14  | 6                             |   |    |   |    |   |    |   |    |       |            |       |   | 0.7                             |                              |
| DICIEMBRE   | 61.2             | 5.7                | 30  | 5                             |   |    |   |    |   |    |   |    |       |            |       |   | 0.9                             |                              |
| VALOR ANUAL |                  |                    |     |                               |   |    |   |    |   |    |   |    |       |            |       |   |                                 |                              |



**M023 OLMEDO-PICHINCHA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |            |       |              | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |     |    | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------------|-------|--------------|------------------------|---------------------------|-------------------|-----|----|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima día           | Mínima día | Media | Suma Mensual |                        |                           | Máxima en 24hrs   | día |    |                                  |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |            |       |              |                        |                           |                   |     |    |                                  |
| ENERO       |                       |                                       | -0.6   | 2           | 18.6   | 6.1     | 12.8                 |            | 76    | 8.5          | 11.1                   | 25.8                      | 10.8              | 7   | 5  |                                  |
| FEBRERO     |                       |                                       | 2.7    | 5           | 18.7   | 7.8     | 13.0                 |            | 78    | 8.9          | 11.5                   | 58.1                      | 43.4              | 8   | 8  |                                  |
| MARZO       |                       |                                       |        |             | 17.9   | 8.2     | 12.4                 |            | 81    | 9.1          | 11.6                   | 94.4                      | 21.5              | 27  | 11 |                                  |
| ABRIL       |                       |                                       |        |             | 18.9   |         |                      |            |       |              |                        | 72.2                      | 12.7              | 4   | 14 |                                  |
| MAYO        |                       |                                       | 3.7    | 23          | 17.7   | 8.6     | 12.8                 |            | 82    | 9.6          | 12.0                   | 104.2                     | 19.8              | 3   | 15 |                                  |
| JUNIO       |                       |                                       | 2.5    | 14          | 16.7   | 7.0     | 12.1                 |            | 77    | 8.1          | 10.9                   | 35.3                      | 7.6               | 1   | 13 |                                  |
| JULIO       |                       |                                       | 2.0    | 8           | 16.2   | 6.4     | 11.2                 |            | 77    | 7.3          | 10.3                   | 31.8                      | 11.4              | 10  | 9  |                                  |
| AGOSTO      |                       |                                       |        |             | 17.1   | 6.1     | 11.6                 |            | 77    | 7.5          | 10.5                   | 4.7                       | 3.5               | 21  | 2  |                                  |
| SEPTIEMBRE  |                       |                                       | 20.7   | 28          | 18.3   | 5.8     | 12.1                 |            | 72    | 6.9          | 10.0                   | 13.0                      | 6.6               | 13  | 6  |                                  |
| OCTUBRE     |                       |                                       | 21.0   | 12          | 18.1   | 5.5     | 11.9                 |            | 79    | 8.0          | 10.8                   | 112.5                     | 30.5              | 14  | 17 |                                  |
| NOVIEMBRE   |                       |                                       |        |             | 6.7    | 12.2    |                      | 83         | 9.1   | 11.6         | 62.6                   | 15.8                      | 21                | 15  |    |                                  |
| DICIEMBRE   |                       |                                       |        |             | 4.0    | 11.6    |                      | 80         | 8.0   | 10.8         | 73.6                   | 27.4                      | 6                 | 10  |    |                                  |
| VALOR ANUAL |                       |                                       |        |             |        |         |                      |            |       |              |                        | 688.2                     | 43.4              |     |    |                                  |

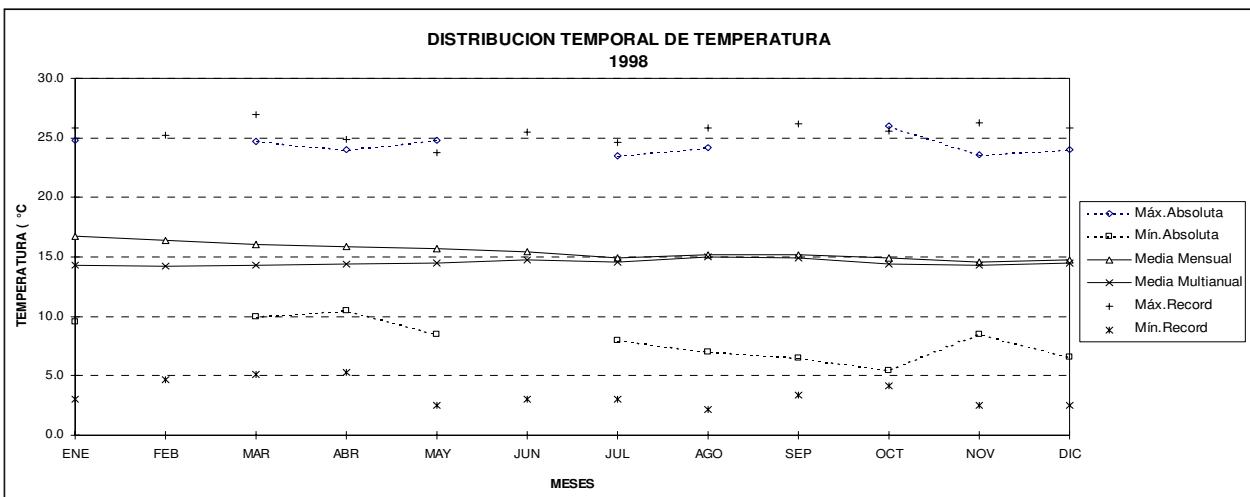
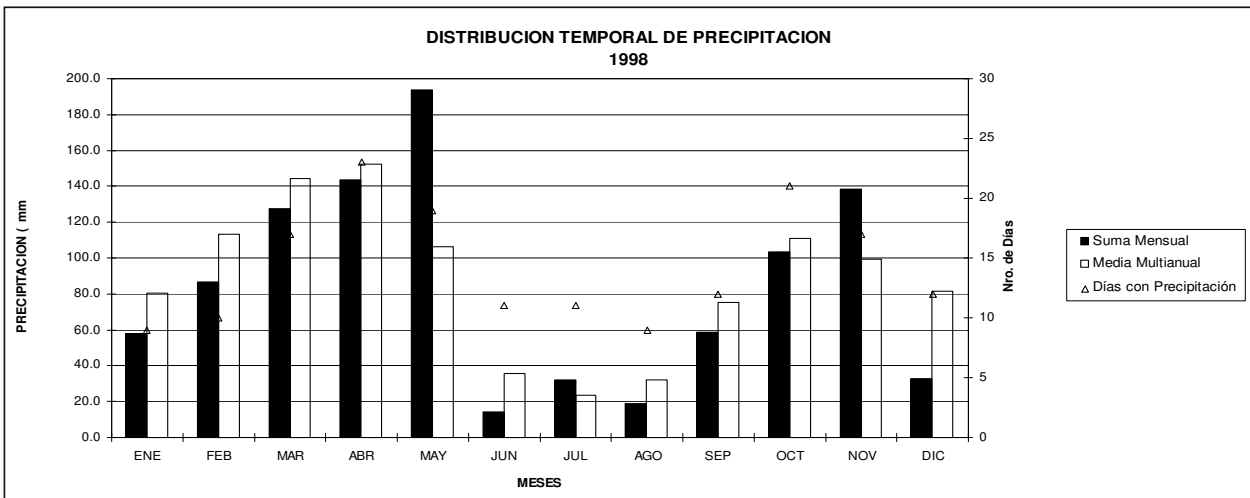
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |   |    |   |    |   |    |       |         |       |   | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |
|-------------|------------------|-----------------|-----|-------------------------------|---|----|---|----|---|----|---|----|-------|---------|-------|---|----------------------------------|---------------------------|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE | E | SE | S | SW | W | NW | CALMA | Nro OBS |       |   |                                  |                           |
|             |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         | (m/s) | % |                                  |                           |
| ENERO       |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| FEBRERO     |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| MARZO       |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| ABRIL       |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| MAYO        |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| JUNIO       |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| JULIO       |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| AGOSTO      |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| SEPTIEMBRE  |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| OCTUBRE     |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| NOVIEMBRE   |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| DICIEMBRE   |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |
| VALOR ANUAL |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |                                  |                           |



**M024 QUITO INAMHI-INNAQUITO INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |             |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |         |
|-------------|-----------------------|---------------------------------------|-----|--------|-------------|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|---------|
|             |                       | ABSOLUTAS                             |     |        | M E D I A S |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día  |                                  |         |
|             |                       | Máxima                                | día | Mínima | día         | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |      |                                  | Mensual |
| ENERO       | 159.2                 | 24.8                                  | 3   | 9.5    | 9           | 23.0   | 11.7   | 16.7                 | 94  | 25     | 33  | 24    | 65                     | 9.5                       | 11.9              | 58.1            | 21.6 | 7                                | 9       |
| FEBRERO     | 124.3                 |                                       |     |        | 22.5        | 12.0   | 16.4   | 98                   | 11  | 35     | 1   | 71    | 10.7                   | 12.9                      | 86.5              | 16.5            | 14   | 10                               |         |
| MARZO       | 132.3                 | 24.7                                  | 25  | 10.0   | 22          | 22.3   | 11.5   | 16.0                 | 96  | 23     | 43  | 18    | 73                     | 10.8                      | 13.0              | 127.5           | 44.4 | 27                               | 17      |
| ABRIL       | 126.6                 | 24.0                                  | 16  | 10.5   | 10          | 21.7   | 11.9   | 15.9                 | 98  | 20     | 54  | 29    | 79                     | 12.0                      | 14.0              | 143.9           | 60.2 | 13                               | 23      |
| MAYO        | 133.3                 | 24.8                                  | 20  | 8.5    | 30          | 21.3   | 11.6   | 15.7                 | 98  | 4      | 36  | 23    | 74                     | 10.6                      | 12.9              | 193.9           | 54.0 | 3                                | 19      |
| JUNIO       | 182.2                 |                                       |     |        | 21.2        | 10.6   | 15.4   | 96                   | 1   | 40     | 13  | 65    | 8.6                    | 11.2                      | 14.5              | 3.4             | 2    | 11                               |         |
| JULIO       | 179.5                 | 23.5                                  | 28  | 8.0    | 8           | 21.1   | 9.7    | 14.9                 | 94  | 19     | 32  | 14    | 66                     | 8.0                       | 10.8              | 32.2            | 10.0 | 9                                | 11      |
| AGOSTO      | 190.7                 | 24.2                                  | 23  | 7.0    | 9           | 22.3   | 10.1   | 15.2                 | 98  | 14     | 35  | 15    | 62                     | 7.4                       | 10.4              | 18.8            | 5.7  | 7                                | 9       |
| SEPTIEMBRE  | 184.6                 |                                       |     | 6.5    | 29          | 22.3   | 9.6    | 15.2                 |     |        |     |       | 67                     | 8.4                       | 11.1              | 58.8            | 22.9 | 16                               | 12      |
| OCTUBRE     | 170.0                 | 26.0                                  | 10  | 5.5    | 14          | 22.7   | 9.9    | 14.9                 |     |        |     |       | 71                     | 9.1                       | 11.6              | 103.6           | 14.0 | 25                               | 21      |
| NOVIEMBRE   | 175.5                 | 23.6                                  | 19  | 8.5    | 7           | 21.4   | 10.6   | 14.6                 | 98  | 29     | 37  | 24    | 78                     | 10.4                      | 12.6              | 138.6           | 28.7 | 4                                | 17      |
| DICIEMBRE   | 216.8                 | 24.0                                  | 26  | 6.6    | 22          | 22.0   | 9.5    | 14.7                 | 95  | 29     | 34  | 16    | 71                     | 9.0                       | 11.5              | 32.6            | 6.1  | 5                                | 12      |
| VALOR ANUAL | 1975.0                |                                       |     |        | 21.9        | 10.7   | 15.4   |                      |     |        |     |       | 70                     | 9.5                       | 11.9              | 1009.0          | 60.2 |                                  |         |

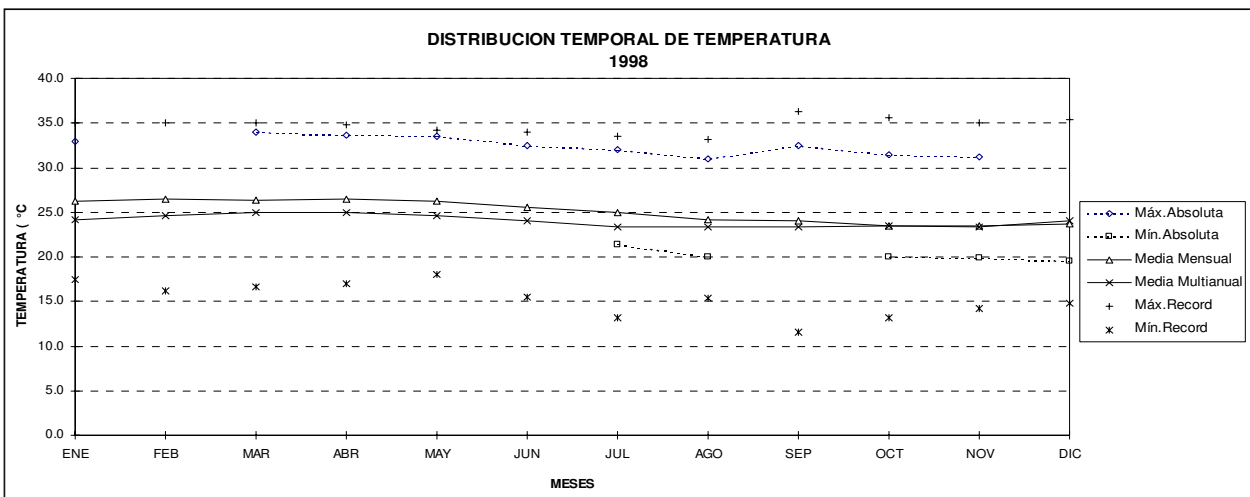
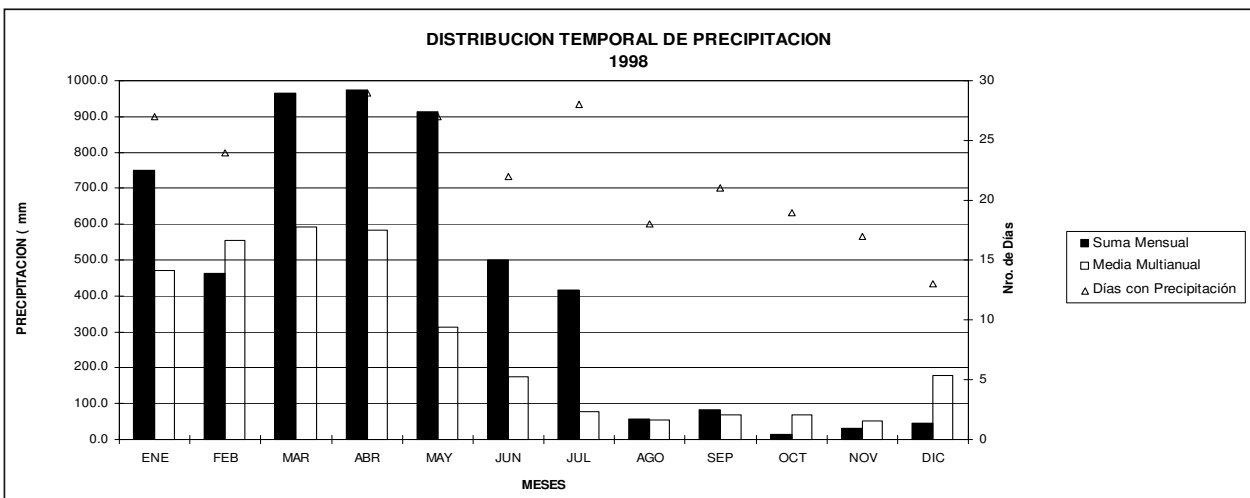
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA (Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |   |     |       |     |    |       |    |         |         | Vel Mayor Observada (m/s) | VELOCIDAD MEDIA (Km/h) |       |    |      |    |     |     |
|-------------|------------------|-----------------|-----|----------------------------|---|-------|-----|----|-------|---|-----|-------|-----|----|-------|----|---------|---------|---------------------------|------------------------|-------|----|------|----|-----|-----|
|             | Suma Mensual     | Máxima en 24hrs | día |                            | N                                       | NE    |     | E  | SE    |   | S   | SW    |     | W  | NW    |    | CALMA % | Nro OBS |                           |                        |       |    |      |    |     |     |
|             |                  |                 |     |                            |   | (m/s) | %   |    | (m/s) | % |     | (m/s) | %   |    | (m/s) | %  |         |         |                           |                        | (m/s) | %  |      |    |     |     |
| ENERO       | 110.6            | 6.0             | 2   | 5                          | 1.3                                     | 12    | 1.8 | 27 | 1.0   | 2 | 2.5 | 2     | 2.3 | 37 | 5.0   | 1  | 0.0     | 0       | 19                        | 93                     | 6.0   | S  | 3.1  |    |     |     |
| FEBRERO     | 90.0             |                 |     | 7                          | 1.5                                     | 13    | 2.2 | 27 | 3.0   | 2 | 2.0 | 1     | 1.9 | 24 | 3.0   | 4  | 2.0     | 1       | 0.0                       | 0                      | 27    | 84 | 6.0  | SW | 3.0 |     |
| MARZO       | 91.5             |                 |     | 6                          | 2.1                                     | 12    | 2.5 | 12 | 1.7   | 3 | 0.0 | 0     | 2.4 | 27 | 3.1   | 9  | 1.8     | 4       | 4.0                       | 1                      | 32    | 93 | 5.0  | S  | 2.4 |     |
| ABRIL       | 76.5             | 4.3             | 27  | 7                          | 2.5                                     | 11    | 3.0 | 24 | 2.0   | 6 | 1.7 | 3     | 2.5 | 12 | 2.0   | 1  | 0.0     | 0       | 1.0                       | 1                      | 41    | 90 | 6.0  | N  | 2.1 |     |
| MAYO        | 93.6             | 6.1             | 18  | 6                          |   |       |     |    |       |   |     |       |     |    |       |    |         |         |                           |                        |       |    |      |    |     | 3.2 |
| JUNIO       | 102.0            | 5.6             | 30  | 5                          | 1.8                                     | 14    | 2.9 | 12 | 3.0   | 4 | 1.7 | 3     | 3.0 | 30 | 2.2   | 14 | 3.0     | 2       | 3.0                       | 3                      | 16    | 90 | 8.0  | S  | 3.1 |     |
| JULIO       | 106.0            | 5.9             | 1   | 5                          | 2.5                                     | 23    | 3.0 | 16 | 3.8   | 5 | 0.0 | 0     | 3.6 | 20 | 3.1   | 8  | 6.0     | 2       | 4.0                       | 1                      | 25    | 93 | 6.0  | W  | 2.7 |     |
| AGOSTO      | 114.7            | 5.7             | 1   | 5                          | 1.7                                     | 8     | 2.2 | 28 | 2.5   | 9 | 3.5 | 9     | 2.1 | 17 | 2.7   | 3  | 1.0     | 2       | 0.0                       | 0                      | 25    | 93 | 10.0 | SE | 2.9 |     |
| SEPTIEMBRE  | 109.3            | 6.5             | 30  | 5                          |   |       |     |    |       |   |     |       |     |    |       |    |         |         |                           |                        |       |    |      |    |     | 2.7 |
| OCTUBRE     | 100.8            |                 |     | 6                          |   |       |     |    |       |   |     |       |     |    |       |    |         |         |                           |                        |       |    |      |    |     | 2.5 |
| NOVIEMBRE   | 95.5             | 5.6             | 29  | 6                          | 2.2                                     | 16    | 2.0 | 24 | 1.4   | 4 | 0.0 | 0     | 1.4 | 16 | 1.0   | 2  | 0.0     | 0       | 4.0                       | 1                      | 37    | 90 | 8.0  | N  | 2.6 |     |
| DICIEMBRE   | 108.9            | 5.3             | 26  | 6                          | 2.6                                     | 19    | 2.4 | 24 | 1.7   | 3 | 0.0 | 0     | 1.7 | 15 | 2.0   | 2  | 0.0     | 0       | 0.0                       | 0                      | 37    | 93 | 8.0  | NE | 2.6 |     |
| VALOR ANUAL | 1199.4           |                 |     | 5                          |   |       |     |    |       |   |     |       |     |    |       |    |         |         |                           |                        |       |    |      |    |     | 2.7 |



**M025 LA CONCORDIA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |        | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|--------|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | en día |                                  |
|             |                       | Máxima                                | Minima | Máxima      | Minima | Mensual |                      |     |        |     |       |                        |                           |                   |                 |        |                                  |
| ENERO       | 102.2                 | 33.0                                  | 11     | 31.0        | 23.5   | 26.2    | 99                   | 15  | 62     | 8   | 88    | 24.0                   | 29.8                      | 750.0             | 114.5           | 24     | 27                               |
| FEBRERO     | 117.1                 |                                       |        | 31.7        | 23.4   | 26.5    | 99                   | 9   | 57     | 15  | 86    | 23.8                   | 29.5                      | 462.1             | 81.4            | 26     | 24                               |
| MARZO       | 143.6                 | 34.0                                  | 18     | 32.0        | 23.1   | 26.4    | 99                   | 10  | 59     | 4   | 86    | 23.7                   | 29.3                      | 966.7             | 116.5           | 1      | 31                               |
| ABRIL       | 142.9                 | 33.6                                  | 12     | 32.1        | 23.1   | 26.5    | 98                   | 9   | 58     | 9   | 84    | 23.2                   | 28.5                      | 973.6             | 104.9           | 7      | 29                               |
| MAYO        | 112.5                 | 33.5                                  | 1      | 31.2        | 23.1   | 26.2    | 99                   | 26  | 54     | 6   | 84    | 23.1                   | 28.3                      | 912.8             | 179.4           | 23     | 27                               |
| JUNIO       | 104.0                 | 32.5                                  | 24     | 30.3        | 22.4   | 25.6    | 97                   | 7   | 56     | 28  | 84    | 22.5                   | 27.3                      | 500.2             | 105.6           | 3      | 22                               |
| JULIO       | 76.0                  | 32.0                                  | 1      | 21.4        | 23     | 29.2    | 98                   | 27  | 58     | 18  | 86    | 22.4                   | 27.1                      | 417.6             | 89.0            | 14     | 28                               |
| AGOSTO      | 46.1                  | 31.0                                  | 23     | 20.0        | 29     | 28.7    | 99                   | 14  | 68     | 15  | 88    | 22.0                   | 26.4                      | 56.5              | 22.7            | 27     | 18                               |
| SEPTIEMBRE  | 42.5                  | 32.5                                  | 7      | 28.1        | 21.7   | 24.1    | 98                   | 5   | 56     | 7   | 89    | 22.0                   | 26.4                      | 82.6              | 57.1            | 5      | 21                               |
| OCTUBRE     | 40.0                  | 31.5                                  | 24     | 20.0        | 22     | 27.4    | 99                   | 10  | 63     | 24  | 88    | 21.3                   | 25.4                      | 13.9              | 2.7             | 16     | 19                               |
| NOVIEMBRE   | 39.3                  | 31.2                                  | 28     | 19.9        | 8      | 27.7    | 98                   | 2   | 70     | 18  | 88    | 21.4                   | 25.5                      | 32.1              | 12.1            | 15     | 17                               |
| DICIEMBRE   | 57.8                  |                                       |        | 28.4        | 20.9   | 23.7    | 100                  | 25  | 55     | 3   | 87    | 21.3                   | 25.3                      | 46.7              | 10.2            | 17     | 13                               |
| VALOR ANUAL | 1024.0                |                                       |        | 29.8        | 22.2   | 25.1    | 100                  |     | 54     |     | 86    | 22.5                   | 27.4                      | 5214.8            | 179.4           |        |                                  |

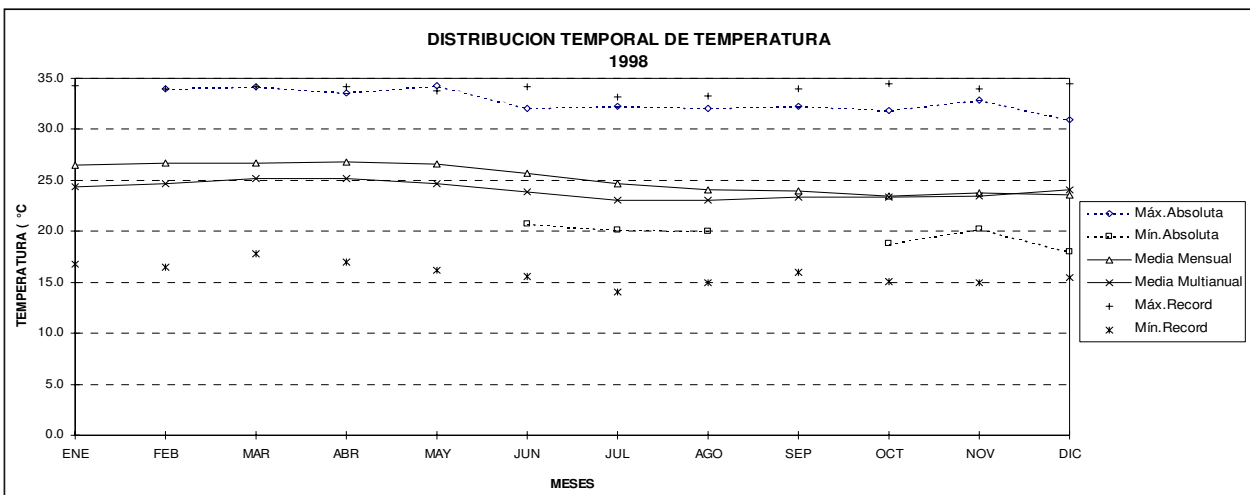
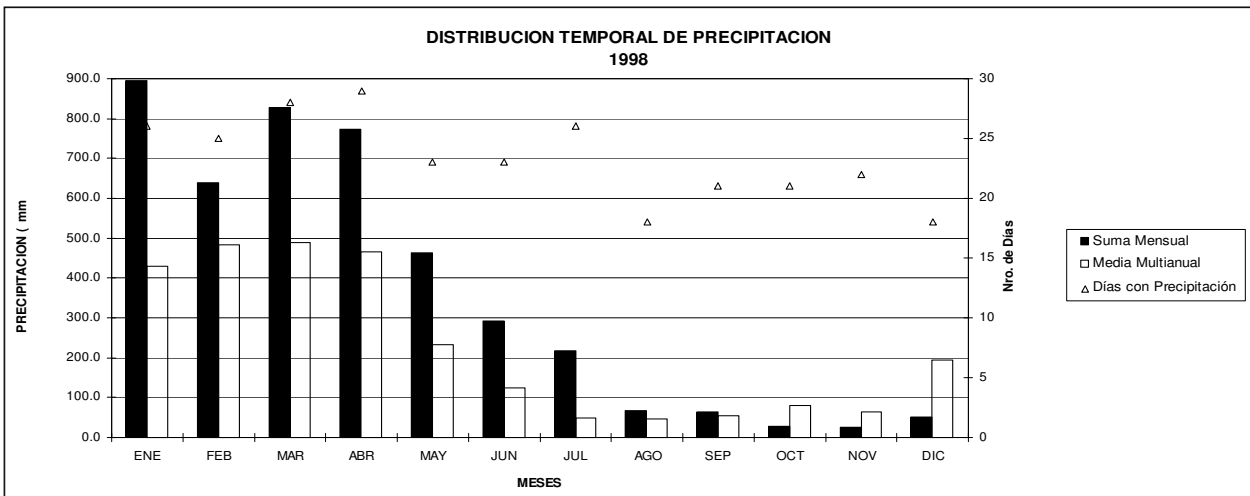
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA (Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |    |     |         |         |       | Vel Mayor Observada (m/s) DIR | VELOCIDAD MEDIA (Km/h) |    |       |     |    |     |
|-------------|------------------|-----------------|-----|----------------------------|---|-------|-----|---|-------|---|-----|-------|-----|----|-----|---------|---------|-------|-------------------------------|------------------------|----|-------|-----|----|-----|
|             | Suma Mensual     | Máxima en 24hrs | día |                            | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W  | NW  | CALMA % | Nro OBS |       |                               |                        |    |       |     |    |     |
|             |                  |                 |     |                            |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |    |     |         |         | (m/s) |                               |                        | %  | (m/s) | %   |    |     |
| ENERO       | 83.4             | 5.7             | 2   | 7                          | 1.2                                     | 5     | 2.3 | 3 | 0.0   | 0 | 1.5 | 2     | 2.6 | 13 | 3.3 | 12      | 4.0     | 1     | 1.8                           | 7                      | 57 | 93    | 6.0 | SW | 0.8 |
| FEBRERO     | 89.8             | 6.3             | 4   | 7                          | 2.4                                     | 8     | 2.5 | 2 | 0.0   | 0 | 4.0 | 2     | 3.0 | 6  | 2.7 | 8       | 1.4     | 6     | 3.0                           | 5                      | 62 | 84    | 6.0 | S  | 0.8 |
| MARZO       | 98.8             | 5.1             | 25  | 7                          | 2.0                                     | 7     | 3.0 | 3 | 1.0   | 2 | 1.0 | 4     | 2.8 | 7  | 2.1 | 12      | 2.6     | 10    | 3.1                           | 9                      | 47 | 93    | 8.0 | NW | 0.8 |
| ABRIL       | 95.8             | 5.6             | 22  | 7                          | 3.3                                     | 3     | 3.0 | 2 | 2.0   | 1 | 1.8 | 7     | 2.2 | 19 | 3.1 | 14      | 2.7     | 3     | 2.0                           | 1                      | 49 | 90    | 8.0 | SW | 0.8 |
| MAYO        | 92.7             | 5.1             | 7   | 7                          | 2.3                                     | 4     | 0.0 | 0 | 0.0   | 0 | 2.3 | 7     | 2.8 | 9  | 4.0 | 13      | 2.2     | 7     | 1.6                           | 9                      | 53 | 93    | 6.0 | SW | 0.7 |
| JUNIO       | 79.1             | 4.0             | 9   | 7                          | 2.3                                     | 3     | 0.0 | 0 | 0.0   | 0 | 4.0 | 1     | 2.4 | 10 | 3.6 | 11      | 3.0     | 3     | 3.0                           | 3                      | 68 | 90    | 8.0 | SW | 0.8 |
| JULIO       | 68.9             | 4.0             | 1   | 7                          | 5.0                                     | 2     | 0.0 | 0 | 0.0   | 0 | 5.3 | 3     | 3.8 | 17 | 3.4 | 11      | 2.0     | 3     | 2.9                           | 10                     | 54 | 93    | 8.0 | S  | 0.9 |
| AGOSTO      | 67.4             | 3.8             | 19  | 8                          | 2.0                                     | 2     | 3.0 | 2 | 0.0   | 0 | 4.5 | 2     | 3.3 | 16 | 2.1 | 16      | 1.9     | 10    | 2.3                           | 10                     | 42 | 93    | 6.0 | S  | 0.8 |
| SEPTIEMBRE  | 70.5             | 4.1             | 4   | 7                          | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 4.3 | 10    | 2.5 | 12 | 2.6 | 16      | 2.5     | 12    | 3.3                           | 3                      | 47 | 90    | 8.0 | SE | 0.8 |
| OCTUBRE     | 66.7             | 4.7             | 16  | 8                          | 2.3                                     | 4     | 2.0 | 1 | 0.0   | 0 | 3.0 | 5     | 3.2 | 26 | 2.9 | 13      | 2.3     | 11    | 2.0                           | 1                      | 39 | 93    | 8.0 | S  | 0.8 |
| NOVIEMBRE   | 68.5             | 4.0             | 13  | 8                          | 2.0                                     | 2     | 4.0 | 1 | 1.0   | 1 | 3.0 | 7     | 2.7 | 22 | 3.0 | 14      | 2.5     | 12    | 2.4                           | 6                      | 34 | 90    | 6.0 | SW | 0.7 |
| DICIEMBRE   | 71.3             | 4.5             | 31  | 7                          | 3.2                                     | 5     | 0.0 | 0 | 2.0   | 1 | 2.7 | 3     | 3.2 | 15 | 3.7 | 16      | 2.6     | 9     | 2.3                           | 7                      | 44 | 93    | 8.0 | SW | 0.7 |
| VALOR ANUAL | 952.9            | 6.3             |     | 7                          | 2.3                                     | 3     | 1.6 | 1 | 0.5   | 0 | 3.1 | 4     | 2.8 | 14 | 3.0 | 13      | 2.4     | 7     | 2.4                           | 5                      | 49 |       | 8.0 | NW | 0.7 |



M026 PUERTO ILA INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |      |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día |                                  | Suma |
|             |                       | Máxima                                | día | Mínima      | día  | Mensual |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |      |
| ENERO       | 103.6                 |                                       |     | 31.0        | 23.4 | 26.5    | 99                   | 6   | 69     | 21  | 89    | 24.4                   | 30.6                      | 894.2             | 149.4           | 5   | 26                               |      |
| FEBRERO     | 104.9                 | 34.0                                  | 15  | 31.9        | 23.6 | 26.7    | 98                   | 3   | 66     | 20  | 89    | 24.5                   | 30.8                      | 639.1             | 130.3           | 26  | 25                               |      |
| MARZO       | 120.3                 | 34.2                                  | 9   | 31.7        | 23.4 | 26.7    | 99                   | 26  | 65     | 2   | 90    | 24.7                   | 31.3                      | 826.3             | 106.8           | 16  | 28                               |      |
| ABRIL       | 126.5                 | 33.6                                  | 16  | 31.7        | 23.4 | 26.8    | 99                   | 3   | 67     | 27  | 89    | 24.8                   | 31.4                      | 772.5             | 104.0           | 4   | 29                               |      |
| MAYO        | 102.5                 | 34.3                                  | 1   | 31.0        | 23.5 | 26.6    | 99                   | 27  | 70     | 1   | 90    | 24.7                   | 31.1                      | 463.3             | 96.5            | 26  | 23                               |      |
| JUNIO       | 82.8                  | 32.1                                  | 3   | 20.7        | 22   | 29.6    | 100                  | 12  | 71     | 16  | 91    | 24.1                   | 30.1                      | 291.7             | 33.1            | 1   | 23                               |      |
| JULIO       | 59.5                  | 32.3                                  | 1   | 20.1        | 25   | 28.1    | 99                   | 10  | 73     | 1   | 92    | 23.2                   | 28.5                      | 216.1             | 41.0            | 12  | 26                               |      |
| AGOSTO      | 51.5                  | 32.1                                  | 8   | 20.0        | 23   | 27.7    | 99                   | 11  | 69     | 8   | 92    | 22.7                   | 27.6                      | 66.9              | 22.3            | 9   | 18                               |      |
| SEPTIEMBRE  | 35.6                  | 32.3                                  | 7   |             |      | 27.3    | 99                   | 30  | 64     | 7   | 93    | 22.7                   | 27.6                      | 64.4              | 18.7            | 5   | 21                               |      |
| OCTUBRE     | 36.1                  | 31.9                                  | 13  | 18.8        | 22   | 27.3    | 99                   | 9   | 76     | 24  | 92    | 22.2                   | 26.8                      | 27.7              | 7.1             | 6   | 21                               |      |
| NOVIEMBRE   | 36.7                  | 32.9                                  | 18  | 20.2        | 30   | 27.7    | 99                   | 2   | 67     | 7   | 92    | 22.3                   | 26.9                      | 25.7              | 3.0             | 2   | 22                               |      |
| DICIEMBRE   | 36.2                  | 31.0                                  | 2   | 18.0        | 7    | 27.8    | 99                   | 4   | 67     | 8   | 91    | 22.0                   | 26.6                      | 52.8              | 31.5            | 16  | 18                               |      |
| VALOR ANUAL | 896.2                 |                                       |     | 29.4        | 22.3 | 25.2    | 100                  |     | 64     |     | 90    | 23.5                   | 29.1                      | 4340.7            | 149.4           |     |                                  |      |

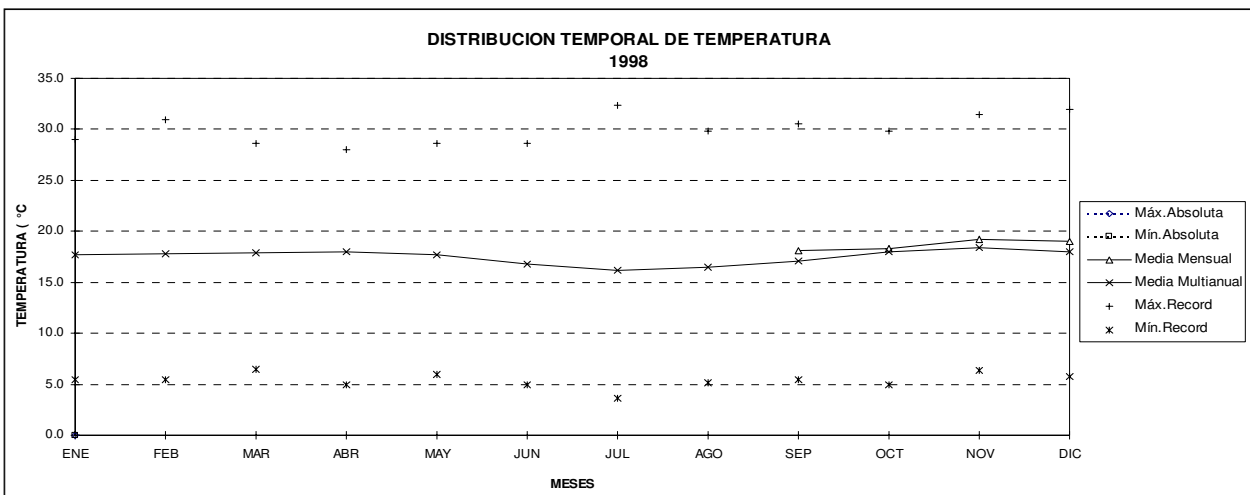
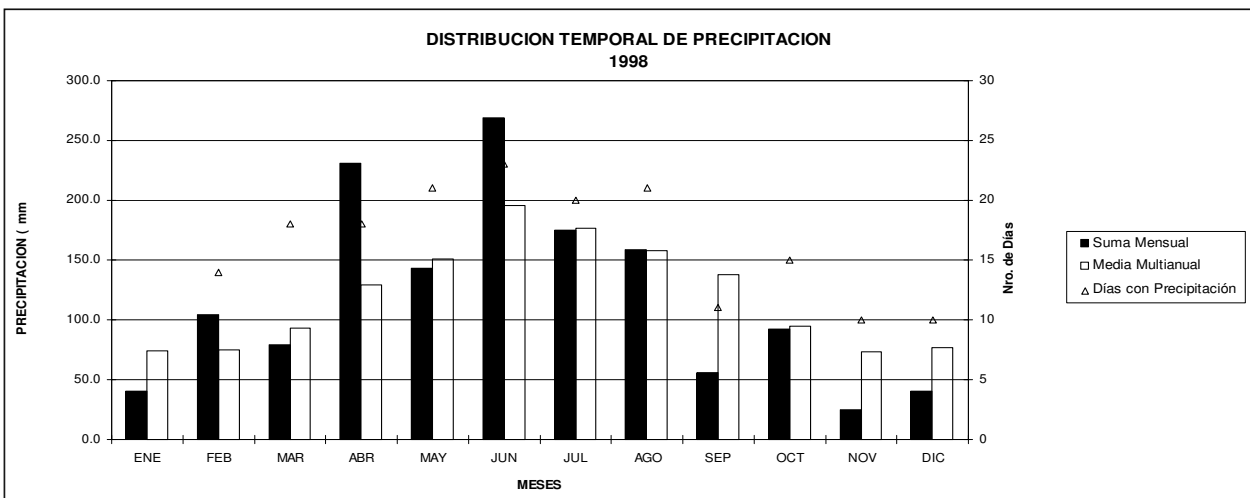
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA (Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |    |     |       |     |    |       |    |         |         |       |   | Vel Mayor Observada (m/s) DIR | VELOCIDAD MEDIA (Km/h) |       |    |     |
|-------------|------------------|-----------------|-----|----------------------------|---|-------|-----|----|-------|----|-----|-------|-----|----|-------|----|---------|---------|-------|---|-------------------------------|------------------------|-------|----|-----|
|             | Mensual          | Máxima en 24hrs | día |                            | N                                       | NE    |     | E  | SE    |    | S   | SW    |     | W  | NW    |    | CALMA % | Nro OBS |       |   |                               |                        |       |    |     |
|             |                  |                 |     |                            |   | (m/s) | %   |    | (m/s) | %  |     | (m/s) | %   |    | (m/s) | %  |         |         | (m/s) | % |                               |                        | (m/s) | %  |     |
| ENERO       | 84.8             | 4.8             | 28  | 7                          | 2.6                                     | 26    | 3.4 | 9  | 2.2   | 17 | 2.0 | 1     | 2.6 | 23 | 3.8   | 4  | 2.8     | 12      | 3.0   | 3 | 5                             | 93                     | 6.0   | S  | 0.9 |
| FEBRERO     | 84.1             | 5.5             | 20  | 7                          | 2.5                                     | 16    | 3.1 | 17 | 2.9   | 19 | 3.0 | 4     | 3.0 | 25 | 4.0   | 1  | 2.5     | 10      | 3.0   | 5 | 5                             | 84                     | 6.0   | NE | 0.9 |
| MARZO       | 100.3            | 6.7             | 5   | 7                          | 2.6                                     | 17    | 2.3 | 9  | 2.6   | 17 | 2.0 | 1     | 2.7 | 32 | 2.0   | 1  | 3.6     | 13      | 2.7   | 3 | 7                             | 93                     | 6.0   | W  | 0.9 |
| ABRIL       | 89.3             | 4.6             | 13  | 7                          | 2.7                                     | 13    | 2.5 | 9  | 2.7   | 22 | 2.0 | 1     | 2.5 | 22 | 2.8   | 4  | 3.3     | 22      | 0.0   | 0 | 6                             | 90                     | 6.0   | N  | 0.9 |
| MAYO        | 102.8            | 6.4             | 16  | 8                          | 2.9                                     | 9     | 2.4 | 10 | 2.3   | 12 | 2.0 | 1     | 2.7 | 44 | 4.0   | 4  | 3.1     | 14      | 2.5   | 2 | 4                             | 93                     | 6.0   | N  | 0.8 |
| JUNIO       | 69.0             | 3.5             | 17  | 7                          | 2.3                                     | 13    | 2.6 | 9  | 2.1   | 9  | 2.5 | 4     | 2.8 | 36 | 3.0   | 9  | 2.8     | 14      | 2.7   | 3 | 2                             | 90                     | 6.0   | S  | 0.7 |
| JULIO       | 64.6             | 4.4             | 18  | 8                          | 3.0                                     | 8     | 2.3 | 7  | 2.0   | 4  | 2.0 | 1     | 2.9 | 53 | 3.3   | 7  | 2.6     | 17      | 2.0   | 2 | 2                             | 93                     | 6.0   | S  | 0.8 |
| AGOSTO      | 67.0             | 4.7             | 24  | 8                          | 2.4                                     | 12    | 3.0 | 5  | 2.2   | 7  | 0.0 | 0     | 2.8 | 51 | 3.1   | 10 | 2.9     | 11      | 5.0   | 3 | 2                             | 93                     | 6.0   | NW | 0.8 |
| SEPTIEMBRE  | 65.9             | 7.0             | 23  | 8                          | 2.0                                     | 4     | 2.3 | 4  | 2.0   | 2  | 0.0 | 0     | 3.0 | 33 | 3.1   | 19 | 2.8     | 24      | 2.0   | 3 | 9                             | 90                     | 6.0   | W  | 0.8 |
| OCTUBRE     | 60.7             | 3.4             | 13  | 8                          | 2.3                                     | 7     | 2.1 | 8  | 2.2   | 5  | 2.0 | 1     | 2.8 | 45 | 2.7   | 12 | 3.2     | 10      | 0.0   | 0 | 13                            | 93                     | 6.0   | S  | 0.9 |
| NOVIEMBRE   | 70.9             | 4.9             | 18  | 8                          | 2.3                                     | 10    | 2.7 | 3  | 4.0   | 1  | 2.0 | 1     | 2.6 | 37 | 2.7   | 17 | 2.3     | 17      | 2.0   | 4 | 10                            | 90                     | 6.0   | S  | 0.8 |
| DICIEMBRE   | 71.4             | 4.4             | 2   | 7                          | 2.1                                     | 13    | 2.2 | 11 | 2.0   | 7  | 3.3 | 3     | 2.5 | 32 | 2.2   | 11 | 2.5     | 11      | 2.7   | 3 | 10                            | 93                     | 5.0   | SE | 0.7 |
| VALOR ANUAL | 930.8            | 7.0             |     | 7                          | 2.4                                     | 12    | 2.5 | 8  | 2.4   | 10 | 1.9 | 1     | 2.7 | 36 | 3.0   | 8  | 2.8     | 14      | 2.3   | 2 | 6                             |                        | 6.0   | S  | 0.8 |



**M029 BANNOS INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |        |      | Número de días con precipitación |    |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|---------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|--------|------|----------------------------------|----|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        |         | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | dia    |      |                                  |    |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima | Mensual |                      |            |       |         |                        |                           |                   |        |      |                                  |    |
| ENERO       |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   | 40.5   |      |                                  |    |
| FEBRERO     |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   | 104.3  | 24.9 | 8                                | 14 |
| MARZO       |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   | 79.5   | 11.3 | 17                               | 18 |
| ABRIL       |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   | 230.9  | 46.5 | 20                               | 18 |
| MAYO        |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   | 142.7  | 18.4 | 31                               | 21 |
| JUNIO       |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   | 269.0  | 32.2 | 21                               | 23 |
| JULIO       |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   | 174.7  | 38.3 | 11                               | 20 |
| AGOSTO      |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   | 159.0  | 21.3 | 12                               | 21 |
| SEPTIEMBRE  |                       |                                       |            |             | 23.8   | 13.8    | 18.1                 |            |       | 87      | 15.8                   | 18.1                      |                   | 56.0   | 13.2 | 21                               | 11 |
| OCTUBRE     |                       |                                       |            |             | 23.6   | 14.2    | 18.3                 |            |       | 89      | 16.2                   | 18.6                      |                   | 91.9   | 18.7 | 14                               | 15 |
| NOVIEMBRE   |                       |                                       |            |             |        | 14.2    | 19.2                 |            |       | 89      | 17.2                   | 19.8                      |                   | 25.2   | 3.7  | 16                               | 10 |
| DICIEMBRE   | 204.7                 |                                       |            |             | 25.9   | 14.5    | 19.0                 |            |       | 88      | 16.9                   | 19.7                      |                   | 40.2   | 7.8  | 30                               | 10 |
| VALOR ANUAL |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   | 1413.9 |      |                                  |    |

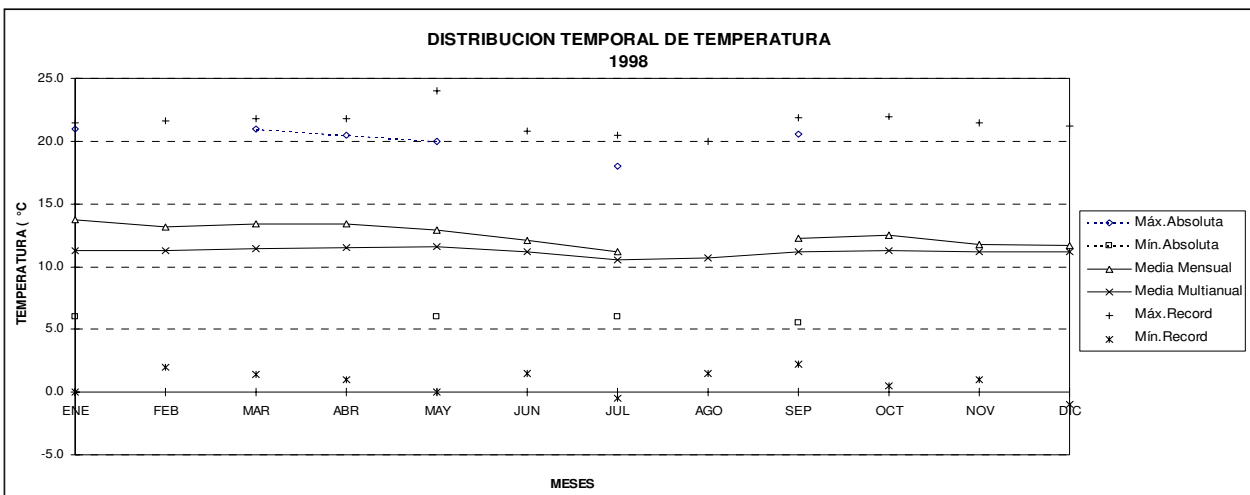
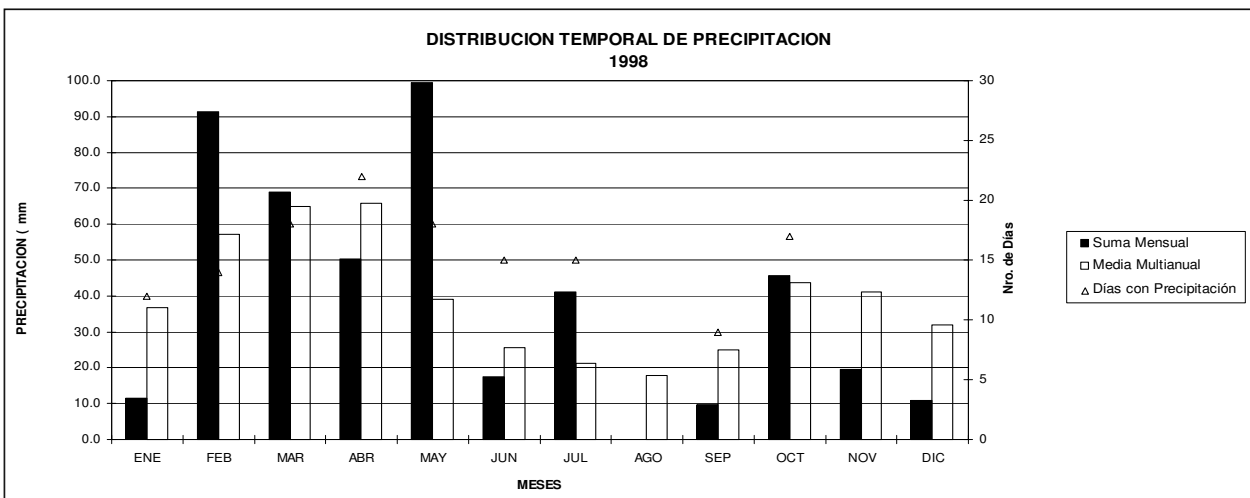
| MES         | EVAPORACION (mm) |                     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |       |    |       |    |       |    |       |         |       |   |       |   | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |      |    |      |     |     |
|-------------|------------------|---------------------|-------------------------------|---|----|-------|----|-------|----|-------|----|-------|---------|-------|---|-------|---|----------------------------------|---------------------------|------|----|------|-----|-----|
|             | Suma Mensual     | Máxima en 24hrs día |                               | N                                       | NE | E     | SE | S     | SW | W     | NW | CALMA | Nro OBS |       |   |       |   |                                  |                           |      |    |      |     |     |
|             | (m/s)            | %                   |                               | (m/s)                                   | %  | (m/s) | %  | (m/s) | %  | (m/s) | %  | (m/s) | %       | (m/s) | % | (m/s) | % |                                  |                           |      |    |      |     |     |
| ENERO       |                  |                     | 6                             | 0.0                                     | 0  | 5.0   | 19 | 6.4   | 27 | 4.5   | 5  | 0.0   | 0       | 0.0   | 0 | 2.0   | 1 | 48                               | 84                        | 20.0 | E  | 2.1  |     |     |
| FEBRERO     |                  |                     | 6                             | 0.0                                     | 0  | 4.4   | 11 | 6.2   | 20 | 4.7   | 7  | 0.0   | 0       | 2.0   | 1 | 0.0   | 0 | 2.0                              | 1                         | 60   | 93 | 20.0 | E   | 2.3 |
| MARZO       |                  |                     | 5                             | 0.0                                     | 0  | 6.0   | 14 | 8.5   | 19 | 4.7   | 7  | 0.0   | 0       | 0.0   | 0 | 0.0   | 0 | 60                               | 90                        | 20.0 | E  | 2.4  |     |     |
| ABRIL       |                  |                     | 6                             | 0.0                                     | 0  | 6.7   | 12 | 6.6   | 20 | 6.0   | 4  | 0.0   | 0       | 2.0   | 1 | 0.0   | 0 | 62                               | 90                        | 20.0 | E  | 2.3  |     |     |
| MAYO        |                  |                     | 6                             | 0.0                                     | 0  | 9.3   | 9  | 5.6   | 20 | 5.0   | 7  | 0.0   | 0       | 4.0   | 1 | 0.0   | 0 | 63                               | 90                        | 20.0 | NE | 1.9  |     |     |
| JUNIO       |                  |                     | 6                             |   |    |       |    |       |    |       |    |       |         |       |   |       |   |                                  |                           |      |    |      | 1.5 |     |
| JULIO       |                  |                     | 6                             |   |    |       |    |       |    |       |    |       |         |       |   |       |   |                                  |                           |      |    |      | 1.2 |     |
| AGOSTO      | 69.8             |                     | 5                             | 0.0                                     | 0  | 8.5   | 4  | 6.3   | 20 | 4.0   | 8  | 0.0   | 0       | 3.0   | 2 | 6.0   | 1 | 0.0                              | 0                         | 65   | 93 | 20.0 | NE  | 2.0 |
| SEPTIEMBRE  | 106.9            | 8.7                 | 4                             | 2.0                                     | 1  | 8.0   | 16 | 7.0   | 23 | 4.0   | 2  | 0.0   | 0       | 4.3   | 8 | 0.0   | 0 | 8.0                              | 1                         | 49   | 90 | 20.0 | NE  | 2.1 |
| OCTUBRE     | 79.4             |                     | 5                             |   |    |       |    |       |    |       |    |       |         |       |   |       |   |                                  |                           |      |    |      | 2.1 |     |
| NOVIEMBRE   | 108.6            | 5.0                 | 4                             |   |    |       |    |       |    |       |    |       |         |       |   |       |   |                                  |                           |      |    |      | 2.5 |     |
| DICIEMBRE   | 153.0            | 9.0                 | 22                            |   |    |       |    |       |    |       |    |       |         |       |   |       |   |                                  |                           |      |    |      | 3.1 |     |
| VALOR ANUAL |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |   |                                  |                           |      |    |      |     |     |



M031 CANNAR INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |             |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |         |
|-------------|-----------------------|---------------------------------------|-----|--------|-------------|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|---------|
|             |                       | ABSOLUTAS                             |     |        | M E D I A S |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Suma              | Máxima en 24hrs | día  |                                  |         |
|             |                       | Máxima                                | día | Mínima | día         | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |      |                                  | Mensual |
| ENERO       | 168.6                 | 21.0                                  | 9   | 6.0    | 8           | 18.9   | 9.1    | 13.7                 | 97  | 27     | 42  | 16    | 71                     | 8.2                       | 11.0              | 11.5            | 4.6  | 14                               | 12      |
| FEBRERO     | 98.7                  |                                       |     |        |             | 18.4   | 8.6    | 13.2                 | 100 | 9      | 37  | 5     | 80                     | 9.4                       | 11.8              | 91.3            | 30.3 | 11                               | 14      |
| MARZO       | 144.6                 | 21.0                                  | 21  |        |             | 18.3   | 8.8    | 13.4                 | 98  | 1      | 44  | 4     | 76                     | 8.9                       | 11.5              | 69.0            | 18.4 | 29                               | 18      |
| ABRIL       | 147.1                 | 20.5                                  | 16  |        |             | 18.6   | 9.6    | 13.4                 | 98  | 12     | 46  | 26    | 79                     | 9.5                       | 11.9              | 50.2            | 8.0  | 15                               | 22      |
| MAYO        | 171.6                 | 20.0                                  | 23  | 6.0    | 27          | 17.2   | 9.2    | 12.9                 | 100 | 27     | 35  | 22    | 71                     | 7.5                       | 10.4              | 99.5            | 29.8 | 26                               | 18      |
| JUNIO       | 188.7                 |                                       |     |        |             | 16.3   | 8.4    | 12.1                 |     |        |     |       | 71                     | 6.8                       | 9.9               | 17.6            | 4.6  | 2                                | 15      |
| JULIO       | 159.7                 | 18.0                                  | 28  | 6.0    | 14          | 15.3   | 7.8    | 11.2                 | 98  | 8      | 46  | 5     | 77                     | 7.3                       | 10.2              | 41.1            | 9.8  | 11                               | 15      |
| AGOSTO      |                       |                                       |     |        |             |        |        |                      |     |        |     |       |                        |                           |                   |                 |      |                                  |         |
| SEPTIEMBRE  | 192.4                 | 20.6                                  | 17  | 5.5    | 12          | 17.3   | 7.0    | 12.3                 | 100 | 9      | 30  | 23    | 66                     | 5.7                       | 9.3               | 9.9             | 2.4  | 4                                | 9       |
| OCTUBRE     | 172.6                 |                                       |     |        |             | 17.4   | 8.2    | 12.5                 | 98  | 13     | 31  | 10    | 70                     | 6.7                       | 9.9               | 45.6            | 8.2  | 27                               | 17      |
| NOVIEMBRE   | 164.9                 |                                       |     |        |             | 17.4   | 7.7    | 11.8                 |     |        |     |       | 78                     | 7.8                       | 10.6              | 19.6            |      |                                  |         |
| DICIEMBRE   | 159.5                 |                                       |     |        |             | 17.1   | 6.5    | 11.7                 |     |        |     |       | 74                     | 6.9                       | 10.0              | 11.0            |      |                                  |         |
| VALOR ANUAL |                       |                                       |     |        |             |        |        |                      |     |        |     |       |                        |                           |                   |                 |      |                                  |         |

| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |      |    |     |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------------------------------|---------------------------|---------|---------|------|----|-----|-----|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |                                  |                           | CALMA % | Nro OBS |      |    |     |     |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                                  |                           |         |         | %    |    |     |     |
| ENERO       | 144.0            | 6.5             | 2   | 6                             | 4.8                                     | 20    | 5.7 | 3     | 5.6 | 8     | 5.5 | 11    | 5.3 | 27    | 0.0 | 0     | 8.0 | 1     | 5.7                              | 7                         | 24      | 93      | 10.0 | E  | 4.7 |     |
| FEBRERO     | 125.3            | 6.5             | 16  | 7                             | 4.3                                     | 21    | 2.0 | 1     | 5.3 | 4     | 5.3 | 8     | 5.2 | 18    | 3.0 | 1     | 2.0 | 1     | 5.0                              | 2                         | 43      | 84      | 10.0 | S  | 4.2 |     |
| MARZO       | 141.2            | 6.5             | 5   | 7                             | 4.3                                     | 20    | 0.0 | 0     | 6.7 | 3     | 4.3 | 7     | 4.7 | 23    | 7.5 | 2     | 6.0 | 2     | 8.0                              | 2                         | 41      | 93      | 8.0  | NW | 4.1 |     |
| ABRIL       | 137.7            | 7.0             | 30  | 7                             | 4.0                                     | 16    | 0.0 | 0     | 4.0 | 3     | 4.9 | 8     | 4.2 | 18    | 6.0 | 1     | 5.0 | 1     | 6.0                              | 3                         | 50      | 90      | 8.0  | NW | 3.8 |     |
| MAYO        | 156.3            | 7.1             | 12  | 6                             | 3.8                                     | 9     | 0.0 | 0     | 3.0 | 4     | 5.9 | 17    | 5.7 | 32    | 0.0 | 0     | 6.7 | 3     | 5.4                              | 5                         | 29      | 93      | 8.0  | W  | 5.9 |     |
| JUNIO       | 145.1            | 6.7             | 13  | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |    |     | 7.5 |
| JULIO       | 131.3            | 6.0             | 7   | 6                             | 5.0                                     | 1     | 8.0 | 1     | 8.0 | 3     | 6.7 | 46    | 6.2 | 33    | 8.5 | 4     | 0.0 | 0     | 10.0                             | 1                         | 10      | 93      | 10.0 | SE | 7.5 |     |
| AGOSTO      |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |    |     |     |
| SEPTIEMBRE  | 143.4            | 6.0             | 1   | 5                             | 4.5                                     | 4     | 3.0 | 1     | 4.0 | 3     | 4.9 | 42    | 5.2 | 24    | 6.3 | 4     | 0.0 | 0     | 6.0                              | 1                         | 19      | 90      | 10.0 | S  | 6.2 |     |
| OCTUBRE     | 135.1            | 6.7             | 26  | 6                             | 3.7                                     | 13    | 0.0 | 0     | 3.8 | 13    | 5.5 | 16    | 5.1 | 19    | 2.0 | 1     | 0.0 | 0     | 0.0                              | 0                         | 38      | 93      | 10.0 | S  | 5.5 |     |
| NOVIEMBRE   | 130.6            |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |    |     | 4.0 |
| DICIEMBRE   | 120.5            |                 |     | 5                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |    |     | 5.7 |
| VALOR ANUAL |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |    |     |     |

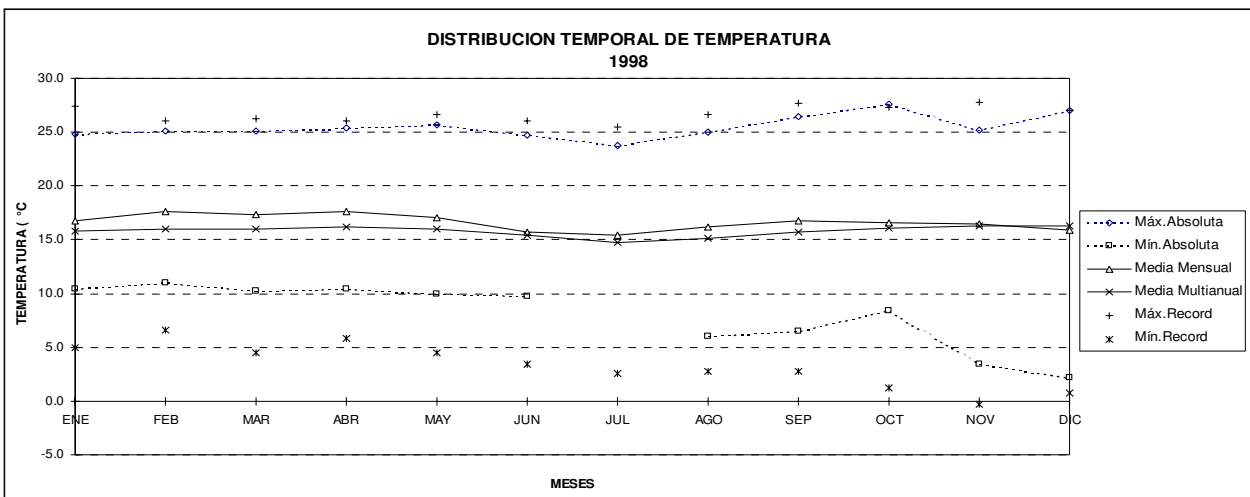
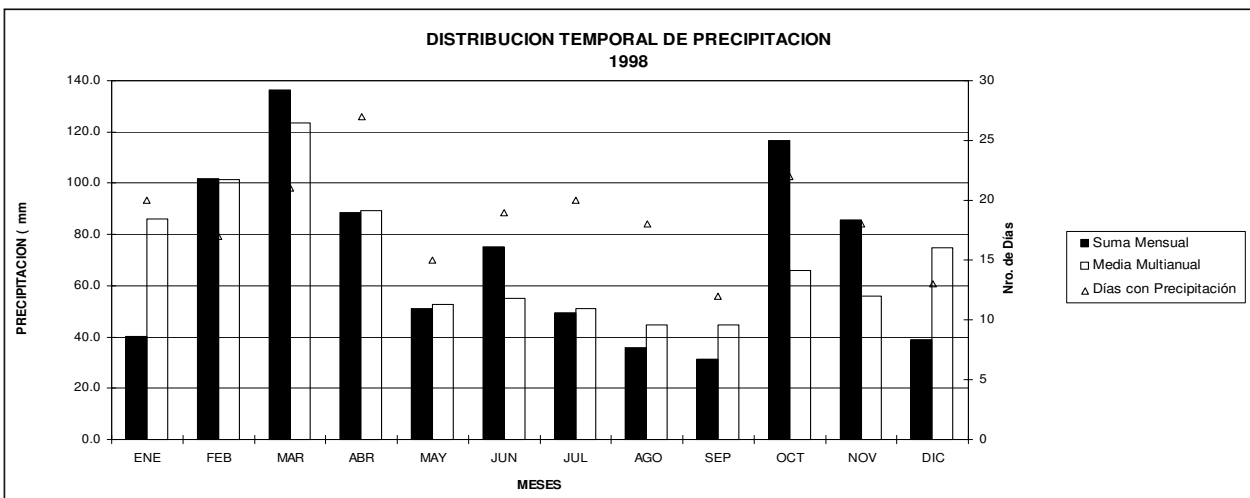




**M033 LA ARGELIA-LOJA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |             |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |      |
|-------------|-----------------------|---------------------------------------|-----|--------|-------------|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|------|
|             |                       | ABSOLUTAS                             |     |        | M E D I A S |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día  |                                  | Suma |
|             |                       | Máxima                                | día | Mínima | día         | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |      |                                  |      |
| ENERO       | 112.7                 | 24.8                                  | 7   | 10.4   | 15          | 20.9   | 12.6   | 16.8                 | 98  | 3      | 46  | 7     | 76                     | 12.3                      | 14.3              | 40.4            | 18.6 | 7                                | 20   |
| FEBRERO     | 112.9                 | 25.1                                  | 20  | 11.0   | 25          | 22.6   | 13.4   | 17.6                 | 94  | 5      | 50  | 5     | 74                     | 12.7                      | 14.7              | 101.9           | 37.3 | 19                               | 17   |
| MARZO       | 101.9                 | 25.1                                  | 11  | 10.2   | 27          | 22.1   | 13.4   | 17.3                 | 95  | 16     | 48  | 27    | 76                     | 12.7                      | 14.7              | 136.2           | 38.7 | 11                               | 21   |
| ABRIL       | 121.2                 | 25.4                                  | 10  | 10.4   | 9           | 22.8   | 13.1   | 17.6                 | 96  | 25     | 44  | 7     | 77                     | 13.2                      | 15.2              | 88.5            | 20.0 | 18                               | 27   |
| MAYO        | 155.9                 | 25.7                                  | 29  | 10.0   | 12          | 21.8   | 13.5   | 17.1                 | 96  | 31     | 37  | 21    | 73                     | 11.9                      | 14.0              | 51.2            | 14.2 | 26                               | 15   |
| JUNIO       | 116.6                 | 24.7                                  | 1   | 9.8    | 18          | 19.7   | 12.2   | 15.7                 | 95  | 24     | 39  | 15    | 72                     | 10.5                      | 12.8              | 75.2            | 17.2 | 21                               | 19   |
| JULIO       | 124.3                 | 23.8                                  | 8   |        |             | 19.4   | 12.4   | 15.4                 | 94  | 7      | 39  | 8     | 73                     | 10.4                      | 12.6              | 49.5            | 10.9 | 21                               | 20   |
| AGOSTO      | 160.1                 | 25.0                                  | 19  | 6.0    | 14          | 21.1   | 11.5   | 16.2                 | 96  | 14     | 39  | 14    | 70                     | 10.3                      | 12.5              | 35.7            | 9.1  | 27                               | 18   |
| SEPTIEMBRE  | 186.3                 | 26.5                                  | 7   | 6.5    | 1           | 23.1   | 10.8   | 16.8                 | 98  | 18     | 36  | 17    | 69                     | 10.4                      | 12.6              | 31.4            | 10.9 | 9                                | 12   |
| OCTUBRE     | 138.8                 | 27.6                                  | 13  | 8.4    | 18          | 22.5   | 11.9   | 16.6                 |     |        |     |       | 75                     | 11.7                      | 13.8              | 116.7           | 28.4 | 27                               | 22   |
| NOVIEMBRE   | 164.4                 | 25.2                                  | 30  | 3.4    | 29          | 22.7   | 11.6   | 16.5                 |     |        |     |       | 76                     | 12.1                      | 14.1              | 85.8            | 25.6 | 13                               | 18   |
| DICIEMBRE   | 214.0                 | 27.0                                  | 4   | 2.2    | 3           | 23.4   | 9.4    | 15.9                 | 96  | 2      | 30  | 2     | 71                     | 10.0                      | 12.4              | 39.2            | 13.2 | 14                               | 13   |
| VALOR ANUAL | 1709.1                | 27.6                                  |     |        |             | 21.8   | 12.1   | 16.6                 |     |        |     |       | 73                     | 11.5                      | 13.6              | 851.7           | 38.7 |                                  |      |

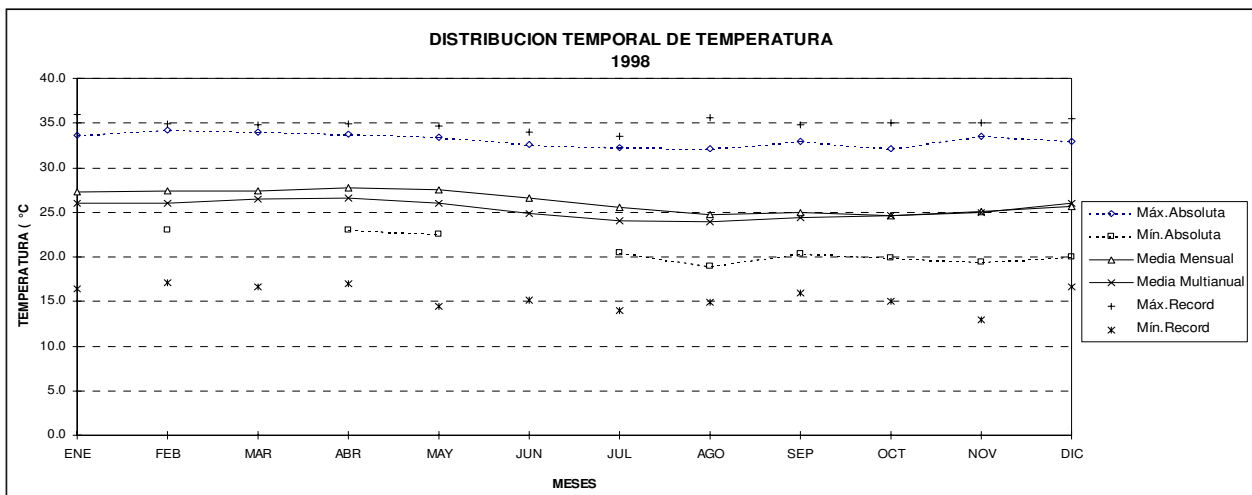
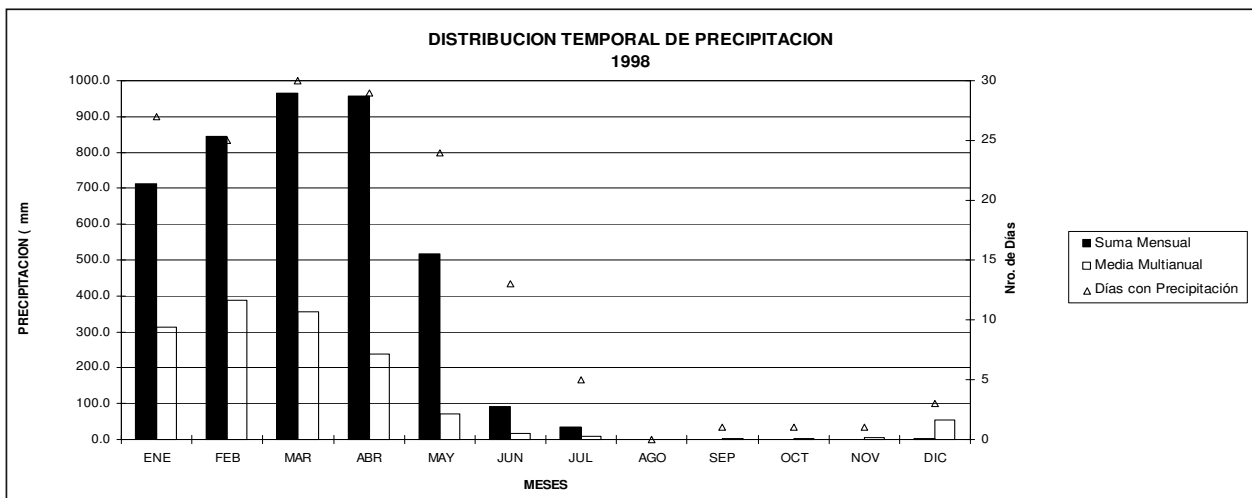
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |   |       |   |     |    | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |       |    |      |    |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|---|-------|---|-----|----|----------------------------------|---------------------------|---------|---------|-------|----|------|----|-----|
|             | Mensual          | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S | SW    |   | W   | NW |                                  |                           | CALMA % | Nro OBS |       |    |      |    |     |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   |   | (m/s) | % |     |    |                                  |                           |         |         | (m/s) | %  |      |    |     |
| ENERO       | 78.7             | 4.4             | 14  | 6                             | 2.5                                     | 46    | 2.6 | 29    | 3.0 | 2     | 2.0 | 1 | 0.0   | 0 | 4.0 | 1  | 0.0                              | 0                         | 2.8     | 14      | 7     | 93 | 6.0  | N  | 0.9 |
| FEBRERO     | 100.6            | 6.8             | 16  | 6                             | 2.2                                     | 44    | 3.2 | 26    | 1.8 | 6     | 2.0 | 2 | 3.0   | 1 | 3.0 | 1  | 0.0                              | 0                         | 2.0     | 6       | 13    | 84 | 10.0 | NE | 0.7 |
| MARZO       | 101.4            | 6.6             | 31  | 6                             | 2.2                                     | 42    | 2.3 | 34    | 2.6 | 10    | 2.0 | 2 | 0.0   | 0 | 2.0 | 1  | 2.0                              | 1                         | 2.3     | 8       | 2     | 93 | 5.0  | NE | 0.5 |
| ABRIL       | 100.2            | 5.5             | 15  | 6                             | 2.2                                     | 47    | 2.3 | 23    | 2.7 | 3     | 2.0 | 3 | 2.5   | 2 | 2.0 | 2  | 2.0                              | 1                         | 2.0     | 12      | 6     | 90 | 6.0  | N  | 0.4 |
| MAYO        | 102.6            | 7.6             | 21  | 5                             | 3.9                                     | 32    | 3.8 | 26    | 4.2 | 10    | 3.2 | 5 | 2.5   | 4 | 2.7 | 3  | 6.0                              | 2                         | 3.5     | 13      | 4     | 93 | 12.0 | N  | 1.4 |
| JUNIO       | 80.2             | 6.7             | 28  | 6                             | 3.0                                     | 46    | 4.1 | 26    | 4.3 | 4     | 7.0 | 2 | 5.0   | 1 | 0.0 | 0  | 3.0                              | 2                         | 3.3     | 18      | 1     | 90 | 10.0 | N  | 1.5 |
| JULIO       | 77.7             | 5.6             | 8   | 5                             | 2.3                                     | 43    | 3.4 | 25    | 2.8 | 11    | 4.0 | 3 | 2.0   | 1 | 3.0 | 3  | 3.0                              | 2                         | 3.4     | 10      | 2     | 93 | 8.0  | NE | 1.0 |
| AGOSTO      | 96.3             | 6.5             | 8   | 5                             | 2.7                                     | 44    | 3.1 | 23    | 2.0 | 3     | 2.6 | 8 | 0.0   | 0 | 5.0 | 2  | 2.0                              | 1                         | 3.5     | 14      | 5     | 93 | 6.0  | NE | 0.9 |
| SEPTIEMBRE  | 151.8            | 8.3             | 17  | 5                             | 2.5                                     | 47    | 3.4 | 22    | 2.3 | 4     | 2.8 | 9 | 0.0   | 0 | 3.0 | 1  | 0.0                              | 0                         | 2.5     | 9       | 8     | 90 | 8.0  | NE | 0.9 |
| OCTUBRE     | 110.3            | 7.1             | 21  | 5                             | 2.2                                     | 36    | 2.7 | 25    | 3.0 | 5     | 3.5 | 4 | 2.0   | 2 | 2.3 | 4  | 0.0                              | 0                         | 2.8     | 15      | 9     | 93 | 6.0  | SE | 0.8 |
| NOVIEMBRE   | 125.5            | 7.3             | 30  | 5                             | 2.2                                     | 20    | 2.9 | 14    | 1.8 | 9     | 2.0 | 3 | 2.2   | 6 | 2.8 | 9  | 1.8                              | 4                         | 2.3     | 9       | 26    | 90 | 4.0  | NE | 0.4 |
| DICIEMBRE   | 144.1            | 7.7             | 1   | 4                             | 2.2                                     | 27    | 2.4 | 12    | 2.2 | 7     | 2.3 | 7 | 2.0   | 2 | 2.7 | 3  | 1.8                              | 7                         | 2.4     | 13      | 24    | 93 | 4.0  | SE | 0.4 |
| VALOR ANUAL | 1269.4           | 8.3             |     | 5                             | 2.5                                     | 39    | 3.0 | 23    | 2.7 | 6     | 2.9 | 4 | 1.7   | 1 | 2.7 | 2  | 1.8                              | 1                         | 2.7     | 11      | 8     |    | 12.0 | N  | 0.8 |



M037 MILAGRO(INGENIO VALDEZ) INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |      |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día |                                  | Suma |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |      |
| ENERO       | 82.2                  | 33.6                                  | 14     | 31.7        | 24.6   | 27.3    | 100                  | 17  | 65     | 2   | 87    | 24.9                   | 31.5                      | 712.7             | 115.3           | 18  | 27                               |      |
| FEBRERO     | 95.6                  | 34.2                                  | 25     | 31.8        | 24.4   | 27.4    | 98                   | 7   | 62     | 25  | 87    | 24.9                   | 31.5                      | 846.0             | 194.5           | 26  | 25                               |      |
| MARZO       | 120.8                 | 34.0                                  | 8      | 32.2        | 24.2   | 27.4    | 98                   | 3   | 61     | 24  | 87    | 24.8                   | 31.4                      | 966.4             | 120.7           | 11  | 30                               |      |
| ABRIL       | 123.5                 | 33.7                                  | 16     | 32.4        | 24.0   | 27.7    | 100                  | 11  | 64     | 24  | 86    | 25.0                   | 31.6                      | 957.3             | 110.7           | 22  | 29                               |      |
| MAYO        | 88.0                  | 33.4                                  | 12     | 31.6        | 24.4   | 27.5    |                      |     |        |     | 86    | 24.7                   | 31.2                      | 517.8             | 129.0           | 18  | 24                               |      |
| JUNIO       | 79.6                  | 32.6                                  | 3      | 30.6        | 23.2   | 26.6    | 98                   | 1   | 63     | 22  | 84    | 23.5                   | 28.9                      | 91.4              | 19.4            | 7   | 13                               |      |
| JULIO       | 58.0                  | 32.3                                  | 17     | 29.4        | 22.4   | 25.5    | 98                   | 11  | 60     | 30  | 83    | 22.3                   | 26.9                      | 33.8              | 27.7            | 7   | 5                                |      |
| AGOSTO      | 40.9                  | 32.1                                  | 28     | 28.6        | 21.0   | 24.7    | 100                  | 13  | 61     | 28  | 82    | 21.3                   | 25.4                      | 0.0               | 0.0             | 1   | 0                                |      |
| SEPTIEMBRE  | 30.2                  | 33.0                                  | 7      | 29.0        | 21.3   | 25.0    | 98                   | 27  | 55     | 7   | 80    | 21.1                   | 25.0                      | 0.5               | 0.5             | 9   | 1                                |      |
| OCTUBRE     | 45.1                  | 32.1                                  | 12     | 28.9        | 21.0   | 24.6    | 94                   | 25  | 56     | 24  | 78    | 20.3                   | 23.9                      | 0.4               | 0.4             | 24  | 1                                |      |
| NOVIEMBRE   | 43.9                  | 33.5                                  | 18     | 29.2        | 21.1   | 25.1    | 97                   | 1   | 52     | 7   | 77    | 20.6                   | 24.3                      | 0.9               | 0.9             | 18  | 1                                |      |
| DICIEMBRE   | 61.1                  | 33.0                                  | 25     | 30.2        | 21.7   | 25.7    | 95                   | 7   | 53     | 7   | 75    | 20.7                   | 24.4                      | 3.2               | 2.8             | 18  | 3                                |      |
| VALOR ANUAL | 868.9                 | 34.2                                  |        | 30.4        | 22.7   | 26.2    |                      |     |        |     | 82    | 22.8                   | 28.0                      | 4130.4            | 194.5           |     |                                  |      |

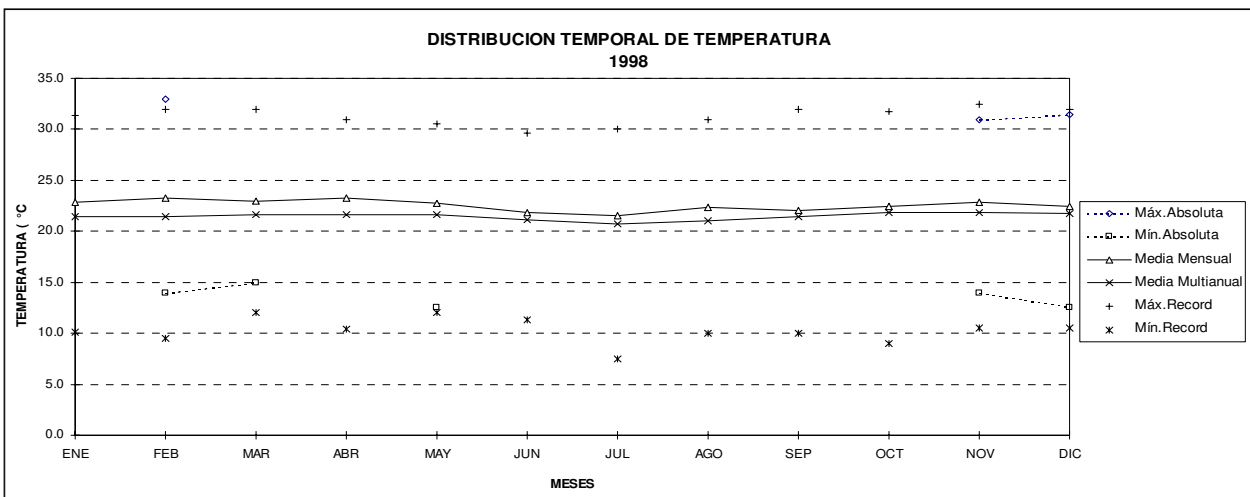
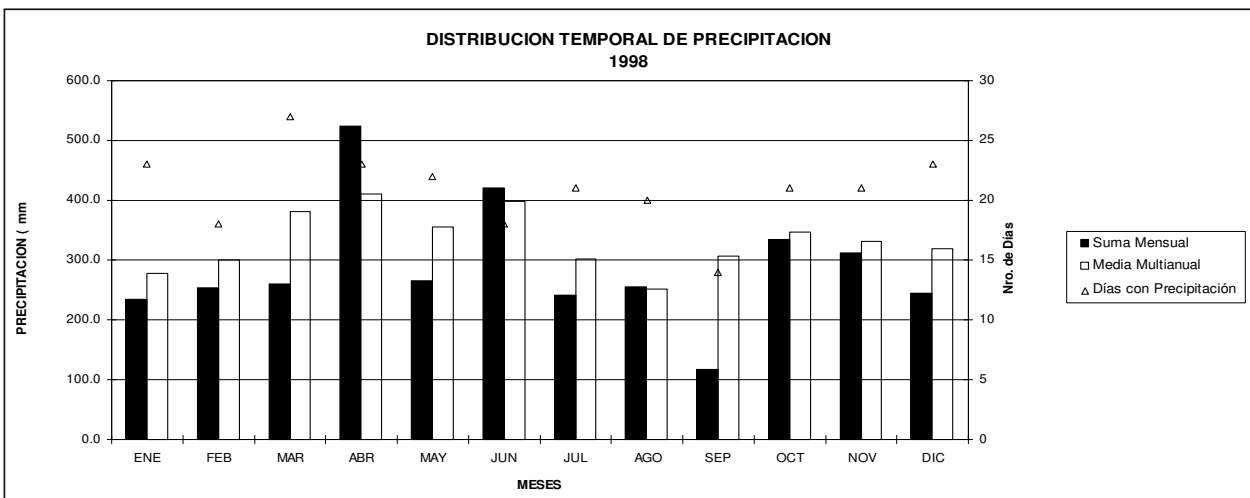
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |   |     |       |     |    |       |    |         |         |       |    | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |       |    |     |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|----|-------|---|-----|-------|-----|----|-------|----|---------|---------|-------|----|----------------------------------|---------------------------|-------|----|-----|-----|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E  | SE    |   | S   | SW    |     | W  | NW    |    | CALMA % | Nro OBS |       |    |                                  |                           |       |    |     |     |
|             |                  |                 |     |                               |   | (m/s) | %   |    | (m/s) | % |     | (m/s) | %   |    | (m/s) | %  |         |         | (m/s) | %  |                                  |                           | (m/s) | %  |     |     |
| ENERO       | 115.4            | 6.1             | 31  | 7                             | 1.0                                     | 1     | 1.0 | 10 | 1.0   | 5 | 1.3 | 4     | 1.0 | 2  | 1.7   | 20 | 0.0     | 0       | 1.1   | 17 | 40                               | 93                        | 6.0   | SW | 2.2 |     |
| FEBRERO     | 107.8            | 6.3             | 27  | 7                             | 0.0                                     | 0     | 1.4 | 6  | 1.0   | 5 | 1.5 | 2     | 1.2 | 6  | 1.4   | 13 | 1.3     | 7       | 1.3   | 16 | 45                               | 84                        | 4.0   | SW | 2.2 |     |
| MARZO       | 118.6            | 6.7             | 31  | 7                             | 1.7                                     | 3     | 1.3 | 4  | 1.0   | 2 | 1.0 | 5     | 1.0 | 1  | 1.3   | 17 | 1.0     | 7       | 1.6   | 14 | 46                               | 93                        | 4.0   | NW | 2.2 |     |
| ABRIL       | 128.1            | 6.8             | 7   | 6                             | 0.0                                     | 0     | 1.0 | 4  | 1.0   | 2 | 1.1 | 11    | 1.0 | 1  | 1.7   | 18 | 1.2     | 7       | 1.6   | 14 | 42                               | 90                        | 4.0   | SW | 2.1 |     |
| MAYO        | 103.0            | 5.7             | 30  | 7                             | 2.0                                     | 1     | 1.2 | 5  | 0.0   | 0 | 1.1 | 9     | 0.0 | 0  | 1.3   | 18 | 1.1     | 8       | 1.3   | 9  | 51                               | 93                        | 3.0   | NW | 2.1 |     |
| JUNIO       | 89.0             | 4.6             | 30  | 6                             | 1.0                                     | 1     | 0.0 | 0  | 1.0   | 2 | 1.0 | 3     | 1.0 | 2  | 1.6   | 28 | 1.0     | 3       | 1.3   | 3  | 57                               | 90                        | 3.0   | SW | 2.1 |     |
| JULIO       | 89.9             | 4.6             | 7   | 7                             |   |       |     |    |       |   |     |       |     |    |       |    |         |         |       |    |                                  |                           |       |    |     | 2.9 |
| AGOSTO      | 85.8             | 5.1             | 11  | 7                             | 0.0                                     | 0     | 1.0 | 2  | 0.0   | 0 | 1.0 | 4     | 2.0 | 2  | 1.1   | 48 | 1.0     | 3       | 1.0   | 1  | 39                               | 93                        | 3.0   | S  | 3.1 |     |
| SEPTIEMBRE  | 94.0             | 5.8             | 7   | 7                             | 2.5                                     | 2     | 0.0 | 0  | 0.0   | 0 | 1.0 | 2     | 1.2 | 12 | 1.3   | 50 | 1.0     | 1       | 0.0   | 0  | 32                               | 90                        | 5.0   | SW | 3.7 |     |
| OCTUBRE     | 110.8            | 5.9             | 12  | 7                             | 0.0                                     | 0     | 0.0 | 0  | 1.0   | 1 | 1.0 | 2     | 1.2 | 10 | 1.7   | 57 | 1.3     | 4       | 1.0   | 3  | 23                               | 93                        | 5.0   | SW | 4.1 |     |
| NOVIEMBRE   | 108.0            | 6.6             | 7   | 7                             | 0.0                                     | 0     | 1.3 | 4  | 0.0   | 0 | 1.2 | 6     | 1.7 | 3  | 1.3   | 61 | 0.0     | 0       | 1.0   | 3  | 22                               | 90                        | 4.0   | SW | 4.0 |     |
| DICIEMBRE   | 116.4            | 6.3             | 13  | 7                             | 1.0                                     | 3     | 1.0 | 1  | 1.0   | 1 | 1.1 | 8     | 1.1 | 11 | 1.3   | 42 | 1.0     | 2       | 1.0   | 3  | 29                               | 93                        | 4.0   | SW | 3.7 |     |
| VALOR ANUAL | 1266.8           | 6.8             |     | 6                             |   |       |     |    |       |   |     |       |     |    |       |    |         |         |       |    |                                  |                           |       |    |     | 2.8 |



**M041 SANGAY(P.SANTA ANA) INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |      | Número de días con precipitación |      |    |    |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|---------|------|----------------------------------|------|----|----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | Mensual |      |                                  |      |    |    |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |            |       |         |                        |                           |                   |         |      |                                  |      |    |    |
| ENERO       | 67.1                  |                                       |        | 28.7        | 16.9   | 22.9    |                      |            | 96    | 22.2    | 27.0                   | 234.3                     | 65.8              | 9       | 23   |                                  |      |    |    |
| FEBRERO     | 75.9                  | 33.0                                  | 10     | 14.0        | 1      | 28.8    | 16.8                 | 23.3       |       | 95      | 22.5                   | 252.7                     | 58.5              | 11      | 18   |                                  |      |    |    |
| MARZO       |                       |                                       |        | 15.0        | 1      | 28.8    | 16.4                 | 23.0       |       | 96      | 22.3                   | 260.6                     | 34.1              | 17      | 27   |                                  |      |    |    |
| ABRIL       | 88.7                  |                                       |        | 28.6        | 16.0   | 23.3    |                      |            | 95    | 22.4    | 27.4                   | 523.6                     | 132.3             | 22      | 23   |                                  |      |    |    |
| MAYO        |                       |                                       | 12.5   | 19          | 27.7   | 15.4    | 22.8                 |            | 95    | 22.1    | 26.8                   | 266.2                     | 43.5              | 27      | 22   |                                  |      |    |    |
| JUNIO       | 75.9                  |                                       |        | 26.9        | 14.3   | 21.9    |                      |            | 96    | 21.2    | 25.3                   | 420.8                     | 82.0              | 19      | 18   |                                  |      |    |    |
| JULIO       | 80.8                  |                                       |        | 26.3        | 13.4   | 21.5    | 100                  | 16         | 72    | 30      | 96                     | 20.7                      | 24.7              | 241.6   | 49.2 | 9                                | 21   |    |    |
| AGOSTO      | 153.6                 |                                       |        |             |        | 22.4    |                      |            | 95    | 21.5    | 26.1                   | 256.0                     | 42.1              | 30      | 20   |                                  |      |    |    |
| SEPTIEMBRE  | 136.7                 |                                       |        |             |        | 22.1    |                      |            | 95    | 21.3    | 26.0                   | 117.7                     | 36.5              | 4       | 14   |                                  |      |    |    |
| OCTUBRE     | 123.1                 |                                       |        |             |        | 22.5    | 100                  | 3          | 79    | 12      | 96                     | 21.8                      | 26.6              | 333.8   | 34.0 | 22                               | 21   |    |    |
| NOVIEMBRE   | 117.7                 | 31.0                                  | 2      | 14.0        | 7      | 29.1    | 17.4                 | 22.9       | 98    | 4       | 82                     | 11                        | 96                | 22.2    | 21.9 | 312.3                            | 86.8 | 28 | 21 |
| DICIEMBRE   | 140.1                 | 31.5                                  | 2      | 12.5        | 17     | 29.2    | 16.6                 | 22.5       | 98    | 2       | 87                     | 7                         | 96                | 21.9    | 26.8 | 245.4                            | 51.7 | 11 | 23 |
| VALOR ANUAL |                       |                                       |        |             |        | 22.5    |                      |            | 95    | 21.8    | 26.5                   | 3465.0                    | 132.3             |         |      |                                  |      |    |    |

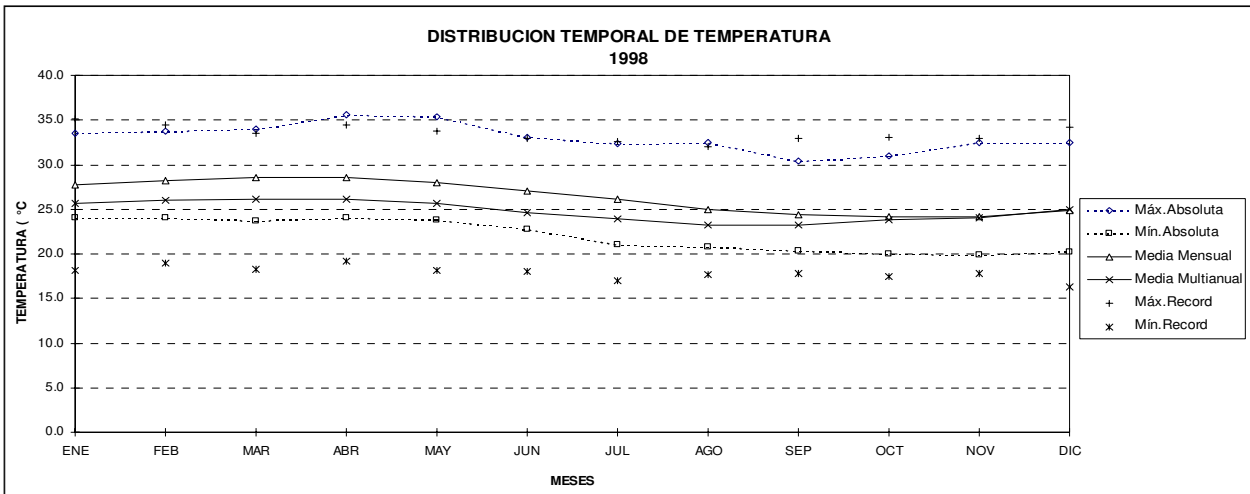
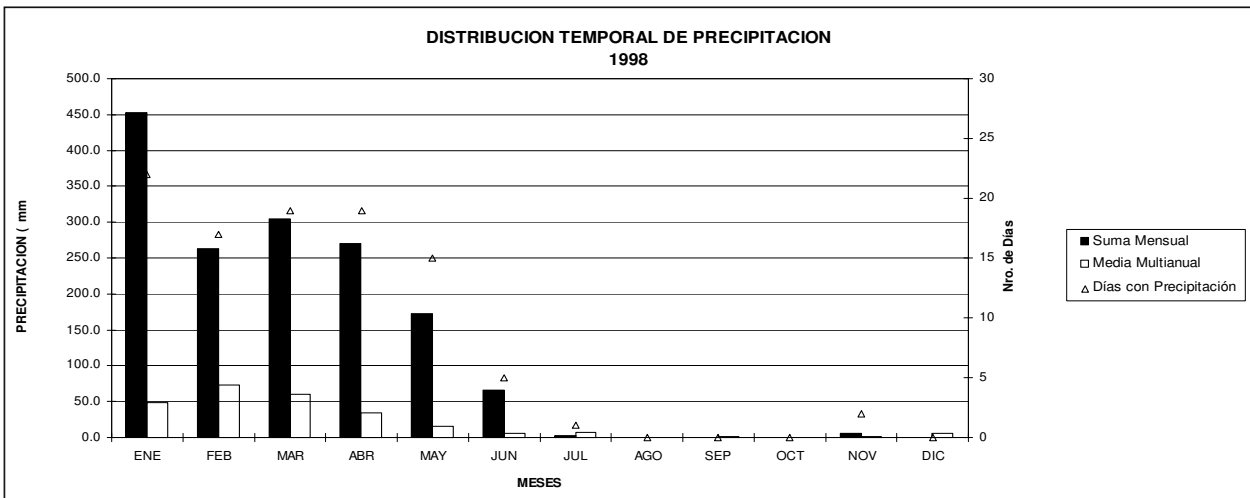
| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |       |         |     |       |     |    | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |    |    |     |    |     |     |
|-------------|------------------|-----------------|---------------|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-------|---------|-----|-------|-----|----|----------------------------------|---------------------------|----|----|-----|----|-----|-----|
|             | Suma Mensual     | Máxima en 24hrs | Méxima en día |                               | N                                       | NE    | E   | SE    | S   | SW    | W   | NW    | CALMA | Nro OBS |     |       |     |    |                                  |                           |    |    |     |    |     |     |
|             | (m/s)            | %               | (m/s)         |                               | %                                       | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %     | (m/s)   | %   | (m/s) | %   |    |                                  |                           |    |    |     |    |     |     |
| ENERO       | 81.4             | 6.8             | 9             | 7                             | 4.0                                     | 1     | 2.0 | 1     | 4.0 | 1     | 0.0 | 0     | 0.0   | 0       | 2.0 | 4     | 3.3 | 4  | 3.2                              | 12                        | 77 | 84 | 4.0 | NW | 1.2 |     |
| FEBRERO     | 79.3             | 5.5             | 4             | 8                             |   |       |     |       |     |       |     |       |       |         |     |       |     |    |                                  |                           |    |    |     |    |     | 1.2 |
| MARZO       | 78.1             | 7.1             | 19            | 8                             |   |       |     |       |     |       |     |       |       |         |     |       |     |    |                                  |                           |    |    |     |    |     | 0.9 |
| ABRIL       | 82.1             | 6.7             | 14            | 7                             |   |       |     |       |     |       |     |       |       |         |     |       |     |    |                                  |                           |    |    |     |    |     | 1.5 |
| MAYO        | 74.2             | 5.0             | 22            | 8                             |   |       |     |       |     |       |     |       |       |         |     |       |     |    |                                  |                           |    |    |     |    |     | 1.3 |
| JUNIO       | 61.3             | 5.0             | 19            | 7                             |   |       |     |       |     |       |     |       |       |         |     |       |     |    |                                  |                           |    |    |     |    |     | 1.6 |
| JULIO       | 71.6             | 4.5             | 14            | 7                             | 2.0                                     | 1     | 2.0 | 1     | 4.0 | 1     | 3.0 | 2     | 2.0   | 2       | 3.0 | 2     | 2.0 | 4  | 2.5                              | 4                         | 82 | 93 | 4.0 | E  | 1.5 |     |
| AGOSTO      | 99.5             | 6.5             | 15            | 7                             | 2.0                                     | 2     | 0.0 | 0     | 3.0 | 4     | 2.7 | 3     | 0.0   | 0       | 2.0 | 3     | 2.2 | 11 | 3.0                              | 2                         | 74 | 93 | 4.0 | W  | 1.8 |     |
| SEPTIEMBRE  | 89.4             | 5.5             | 18            | 7                             |   |       |     |       |     |       |     |       |       |         |     |       |     |    |                                  |                           |    |    |     |    |     | 2.0 |
| OCTUBRE     | 103.8            | 6.0             | 12            | 7                             | 2.0                                     | 2     | 0.0 | 0     | 4.0 | 1     | 2.0 | 1     | 3.3   | 3       | 4.0 | 1     | 3.3 | 19 | 0.0                              | 0                         | 72 | 93 | 6.0 | W  | 1.7 |     |
| NOVIEMBRE   | 93.8             | 5.3             | 30            | 7                             | 2.0                                     | 1     | 2.0 | 2     | 2.7 | 3     | 2.0 | 1     | 4.0   | 2       | 3.3 | 3     | 4.4 | 12 | 2.0                              | 1                         | 73 | 90 | 6.0 | W  | 1.9 |     |
| DICIEMBRE   | 99.4             | 5.0             | 2             | 7                             | 4.0                                     | 1     | 0.0 | 0     | 2.4 | 5     | 4.0 | 2     | 6.0   | 2       | 3.7 | 7     | 3.8 | 13 | 2.0                              | 1                         | 69 | 93 | 6.0 | W  | 1.8 |     |
| VALOR ANUAL | 1013.9           | 7.1             |               | 7                             |   |       |     |       |     |       |     |       |       |         |     |       |     |    |                                  |                           |    |    |     |    |     | 1.5 |



M047 MANTA INOCAR INOCAR

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         |      | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |        | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|--------|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         |      | Máxima día           | Mínima día | Media | Mensual |                        |                           | Suma              | Máxima en 24hrs | en día |                                  |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |      |                      |            |       |         |                        |                           |                   |                 |        |                                  |
| ENERO       |                       | 33.5                                  | 19     | 24.0        | 15     | 31.1    | 25.1 | 27.8                 |            |       |         |                        | 452.8                     | 100.5             | 12              | 22     |                                  |
| FEBRERO     |                       | 33.7                                  | 4      | 24.0        | 10     | 31.4    | 25.2 | 28.2                 |            |       |         |                        | 262.5                     | 63.8              | 8               | 17     |                                  |
| MARZO       |                       | 34.0                                  | 2      | 23.7        | 23     | 32.0    | 25.1 | 28.5                 |            |       |         |                        | 304.5                     | 77.5              | 19              | 19     |                                  |
| ABRIL       |                       | 35.6                                  | 22     | 24.0        | 13     | 32.2    | 25.3 | 28.6                 |            |       |         |                        | 270.0                     | 48.0              | 29              | 19     |                                  |
| MAYO        |                       | 35.4                                  | 6      | 23.8        | 2      | 31.7    | 25.0 | 28.0                 |            |       |         |                        | 172.5                     | 37.0              | 15              | 15     |                                  |
| JUNIO       |                       | 33.1                                  | 9      | 22.8        | 18     | 31.1    | 24.2 | 27.1                 |            |       |         |                        | 66.1                      | 53.0              | 17              | 5      |                                  |
| JULIO       |                       | 32.4                                  | 11     | 21.0        | 24     | 29.9    | 23.2 | 26.1                 |            |       |         |                        | 2.9                       | 2.9               | 9               | 1      |                                  |
| AGOSTO      |                       | 32.5                                  | 3      | 20.8        | 18     | 28.3    | 21.8 | 25.0                 |            |       |         |                        | 0.0                       | 0.0               | 1               | 0      |                                  |
| SEPTIEMBRE  |                       | 30.4                                  | 4      | 20.4        | 12     | 28.0    | 21.4 | 24.4                 |            |       |         |                        | 0.0                       | 0.0               | 1               | 0      |                                  |
| OCTUBRE     |                       | 31.0                                  | 11     | 20.0        | 14     | 27.8    | 21.4 | 24.2                 |            |       |         |                        | 0.0                       | 0.0               | 1               | 0      |                                  |
| NOVIEMBRE   |                       | 32.5                                  | 6      | 19.9        | 8      | 27.5    | 21.5 | 24.2                 |            |       |         |                        | 5.3                       | 4.0               | 18              | 2      |                                  |
| DICIEMBRE   |                       | 32.5                                  | 24     | 20.2        | 7      | 28.5    | 21.9 | 24.8                 |            |       |         |                        | 0.0                       | 0.0               | 1               | 0      |                                  |
| VALOR ANUAL |                       | 35.6                                  | 19.9   | 29.9        | 23.4   | 26.4    |      |                      |            |       |         |                        | 1536.6                    | 100.5             |                 |        |                                  |

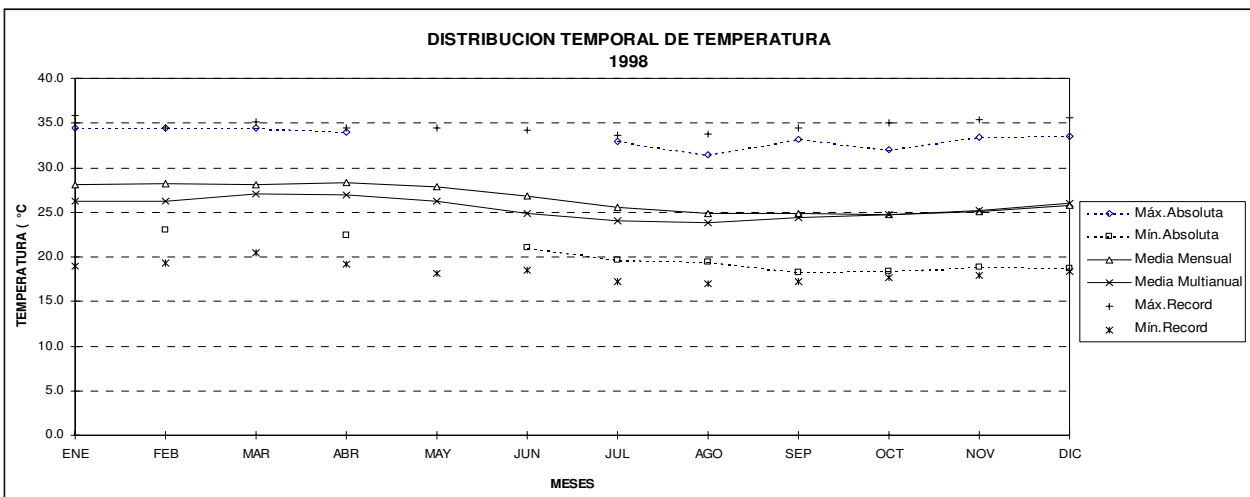
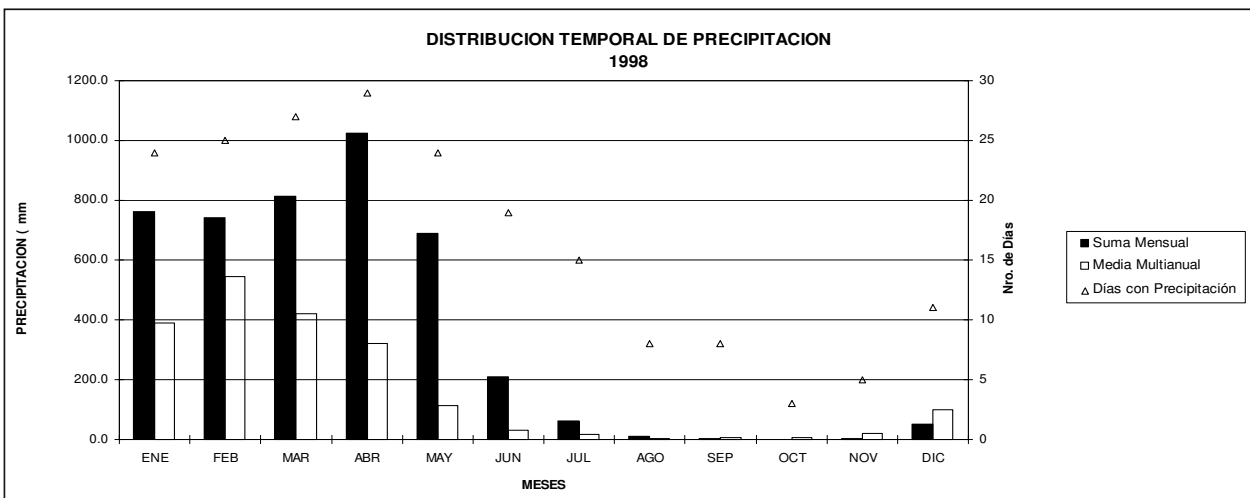
| MES         | EVAPORACION (mm) |                 |        | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |    |     |         |         |       |     |       | Vel Mayor Observada (m/s) DIR | VELOCIDAD MEDIA (Km/h) |      |    |
|-------------|------------------|-----------------|--------|-------------------------------|---|-------|-----|---|-------|---|-----|-------|-----|----|-----|---------|---------|-------|-----|-------|-------------------------------|------------------------|------|----|
|             | Mensual          | Máxima en 24hrs | en día |                               | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W  | NW  | CALMA % | Nro OBS |       |     |       |                               |                        |      |    |
|             |                  |                 |        |                               |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |    |     |         |         | (m/s) | %   | (m/s) |                               |                        | %    |    |
| ENERO       | 69.7             | 3.8             | 19     | 7                             | 4.3                                     | 8     | 4.0 | 4 | 4.4   | 9 | 3.8 | 7     | 4.0 | 1  | 4.8 | 13      | 4.8     | 33    | 4.7 | 12    | 14                            | 93                     | 9.0  | W  |
| FEBRERO     | 77.3             | 4.3             | 4      | 7                             | 5.5                                     | 2     | 0.0 | 0 | 4.3   | 4 | 3.9 | 17    | 4.7 | 7  | 4.7 | 14      | 5.4     | 33    | 5.5 | 12    | 11                            | 84                     | 8.0  | NW |
| MARZO       | 77.3             | 8.0             | 21     | 7                             | 4.0                                     | 2     | 5.0 | 2 | 0.0   | 0 | 4.5 | 11    | 4.0 | 14 | 4.6 | 29      | 5.4     | 34    | 6.5 | 4     | 3                             | 93                     | 8.0  | SW |
| ABRIL       | 64.0             | 3.0             | 27     | 6                             | 0.0                                     | 0     | 0.0 | 0 | 6.0   | 3 | 3.0 | 1     | 3.7 | 8  | 4.1 | 48      | 5.4     | 34    | 5.0 | 3     | 2                             | 90                     | 10.0 | W  |
| MAYO        | 81.6             | 4.2             | 6      | 7                             | 0.0                                     | 0     | 3.0 | 1 | 4.0   | 1 | 6.0 | 1     | 4.3 | 9  | 4.2 | 56      | 5.9     | 30    | 6.0 | 1     | 1                             | 93                     | 10.0 | W  |
| JUNIO       | 66.3             | 3.0             | 19     | 6                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 4.6 | 17 | 4.9 | 52      | 7.8     | 23    | 0.0 | 0     | 8                             | 90                     | 10.0 | W  |
| JULIO       | 74.5             | 3.7             | 16     | 7                             | 0.0                                     | 0     | 0.0 | 0 | 3.0   | 1 | 0.0 | 0     | 3.8 | 12 | 5.2 | 61      | 7.4     | 19    | 0.0 | 0     | 7                             | 93                     | 14.0 | SW |
| AGOSTO      | 67.8             | 3.1             | 6      | 7                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 3.5 | 14 | 5.8 | 65      | 8.1     | 18    | 9.0 | 2     | 1                             | 93                     | 10.0 | W  |
| SEPTIEMBRE  | 72.6             | 3.3             | 23     | 7                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 4.5 | 9  | 5.0 | 62      | 8.1     | 26    | 0.0 | 0     | 3                             | 90                     | 11.0 | W  |
| OCTUBRE     | 69.9             | 3.4             | 11     | 7                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 5.8 | 4  | 5.4 | 69      | 8.1     | 22    | 7.5 | 2     | 3                             | 93                     | 10.0 | NW |
| NOVIEMBRE   | 45.0             | 3.1             | 17     | 7                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 4.3 | 10 | 5.3 | 53      | 7.9     | 31    | 0.0 | 0     | 6                             | 90                     | 10.0 | W  |
| DICIEMBRE   | 66.8             | 4.7             | 31     | 7                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 3.3 | 3  | 4.9 | 54      | 8.1     | 32    | 6.0 | 3     | 8                             | 93                     | 10.0 | W  |
| VALOR ANUAL | 832.8            | 8.0             |        | 6                             | 1.1                                     | 1     | 1.0 | 0 | 1.8   | 1 | 1.7 | 3     | 4.2 | 9  | 4.9 | 48      | 6.8     | 27    | 4.1 | 3     | 5                             |                        | 14.0 | SW |



**M051 BABAHOYO-UTB INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | Minima | Máxima      | Minima | Mensual |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |
| ENERO       | 149.7                 | 34.5                                  | 27     | 31.9        | 24.6   | 28.1    | 97                   | 7   | 64     | 27  | 84    | 25.1                   | 31.9                      | 761.3             | 110.7           | 12  | 24                               |
| FEBRERO     | 115.9                 | 34.5                                  | 28     | 32.3        | 24.4   | 28.2    | 97                   | 2   | 67     | 13  | 85    | 25.3                   | 32.3                      | 740.7             | 134.1           | 17  | 25                               |
| MARZO       | 149.9                 | 34.5                                  | 16     | 32.7        | 24.2   | 28.1    | 98                   | 14  | 62     | 21  | 85    | 25.2                   | 32.0                      | 812.6             | 113.8           | 9   | 27                               |
| ABRIL       | 161.0                 | 34.0                                  | 4      | 32.6        | 24.2   | 28.3    | 100                  | 30  | 68     | 24  | 85    | 25.4                   | 32.5                      | 1024.9            | 127.9           | 10  | 29                               |
| MAYO        | 117.7                 |                                       |        | 31.9        | 23.3   | 27.9    | 98                   | 10  | 66     | 8   | 86    | 25.3                   | 32.2                      | 690.1             | 138.2           | 26  | 24                               |
| JUNIO       | 79.8                  |                                       | 21.0   | 30.6        | 22.2   | 26.8    |                      |     |        |     | 87    | 24.2                   | 30.2                      | 210.9             | 71.5            | 7   | 19                               |
| JULIO       | 64.0                  | 33.0                                  | 7      | 29.7        | 21.2   | 25.6    | 97                   | 2   | 71     | 5   | 87    | 23.3                   | 28.6                      | 62.8              | 36.7            | 7   | 15                               |
| AGOSTO      | 41.3                  | 31.5                                  | 6      | 28.9        | 20.1   | 24.8    | 100                  | 27  | 67     | 23  | 86    | 22.4                   | 27.1                      | 10.4              | 5.8             | 6   | 8                                |
| SEPTIEMBRE  | 38.3                  | 33.2                                  | 7      | 29.2        | 19.8   | 24.9    | 97                   | 11  | 65     | 7   | 85    | 22.1                   | 26.7                      | 2.0               | 0.7             | 8   | 8                                |
| OCTUBRE     | 44.1                  | 32.0                                  | 2      | 28.8        | 19.6   | 24.7    | 98                   | 22  | 62     | 25  | 83    | 21.5                   | 25.7                      | 1.1               | 0.7             | 2   | 3                                |
| NOVIEMBRE   | 40.0                  | 33.4                                  | 7      | 29.5        | 19.8   | 25.1    | 96                   | 10  | 57     | 7   | 82    | 21.6                   | 25.8                      | 4.7               | 2.8             | 18  | 5                                |
| DICIEMBRE   | 68.3                  | 33.5                                  | 25     | 30.6        | 20.1   | 25.8    | 98                   | 29  | 57     | 25  | 80    | 21.9                   | 26.3                      | 50.4              | 23.7            | 18  | 11                               |
| VALOR ANUAL | 1070.0                |                                       |        | 30.7        | 21.9   | 26.5    |                      |     |        |     | 84    | 23.6                   | 29.2                      | 4371.9            | 138.2           |     |                                  |

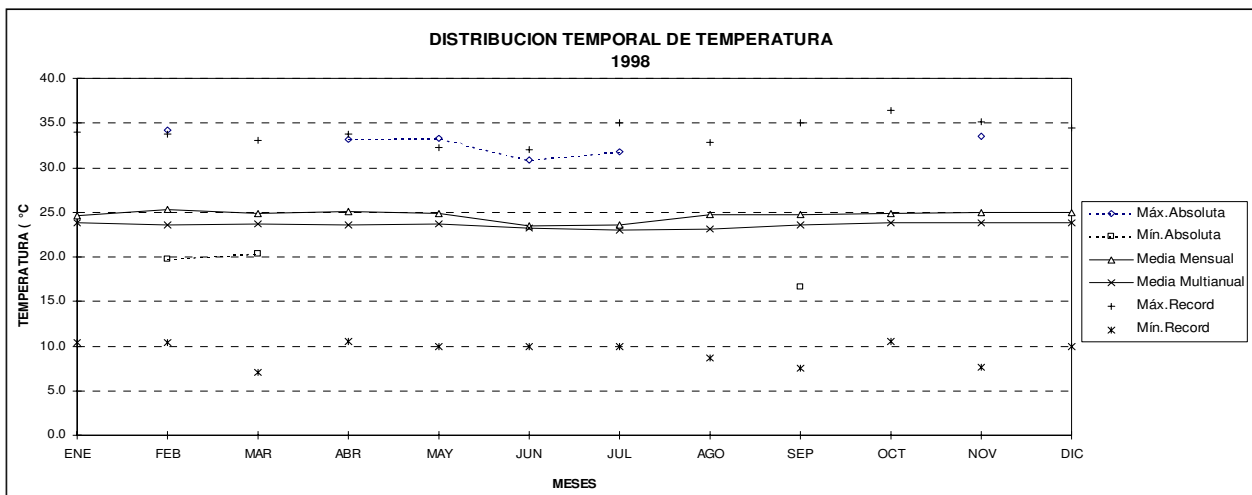
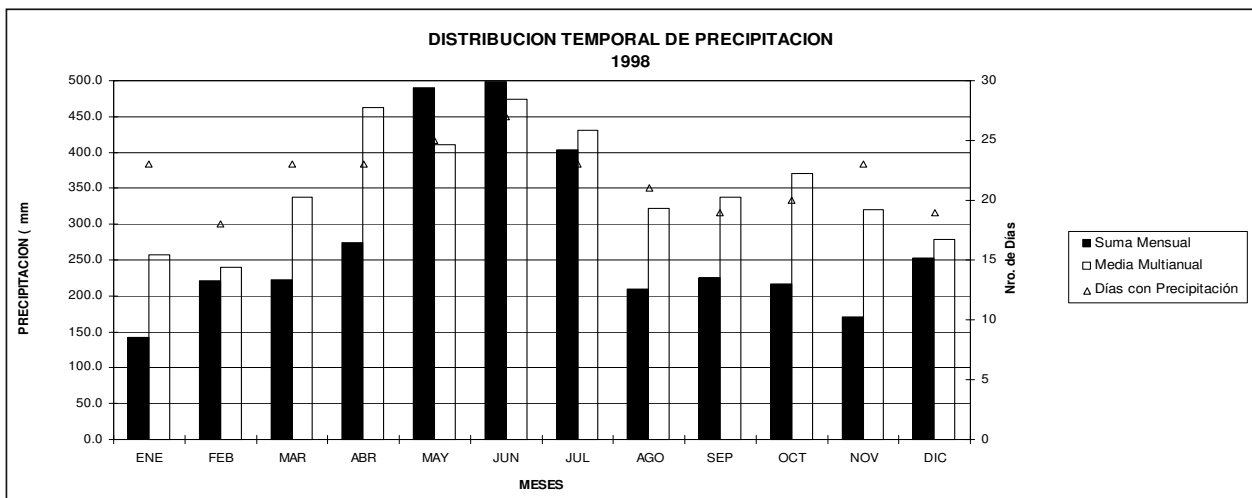
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |   |     |       |     |    |       |    |         |         |       |    | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |     |    |  |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|----|-------|---|-----|-------|-----|----|-------|----|---------|---------|-------|----|----------------------------------|---------------------------|-----|----|--|
|             | Mensual          | Máxima en 24hrs | día |                               | N                                       | NE    |     | E  | SE    |   | S   | SW    |     | W  | NW    |    | CALMA % | Nro OBS |       |    |                                  |                           |     |    |  |
|             |                  |                 |     |                               |   | (m/s) | %   |    | (m/s) | % |     | (m/s) | %   |    | (m/s) | %  |         |         | (m/s) | %  |                                  |                           |     |    |  |
| ENERO       | 149.5            | 7.3             | 11  | 7                             | 1.8                                     | 4     | 1.0 | 4  | 1.0   | 2 | 1.0 | 18    | 1.0 | 15 | 1.3   | 31 | 1.1     | 10      | 1.1   | 10 | 5                                | 93                        | 4.0 | N  |  |
| FEBRERO     | 115.5            | 6.3             | 4   | 7                             | 0.0                                     | 0     | 1.0 | 7  | 1.0   | 2 | 1.1 | 17    | 1.1 | 24 | 1.0   | 23 | 1.1     | 10      | 1.3   | 10 | 8                                | 84                        | 2.0 | NW |  |
| MARZO       | 159.8            | 9.8             | 24  | 7                             | 1.0                                     | 1     | 1.0 | 10 | 1.0   | 1 | 1.2 | 14    | 1.4 | 19 | 1.2   | 27 | 1.0     | 9       | 1.2   | 15 | 4                                | 93                        | 4.0 | S  |  |
| ABRIL       | 136.9            | 6.5             | 1   | 7                             | 1.0                                     | 2     | 1.0 | 12 | 1.0   | 2 | 1.3 | 13    | 1.1 | 20 | 1.0   | 27 | 1.0     | 8       | 1.0   | 12 | 3                                | 90                        | 2.0 | S  |  |
| MAYO        | 124.8            | 7.9             | 15  | 7                             | 1.0                                     | 1     | 1.0 | 4  | 1.0   | 5 | 1.0 | 26    | 1.0 | 19 | 1.0   | 26 | 1.0     | 9       | 1.0   | 7  | 3                                | 93                        | 2.0 | SE |  |
| JUNIO       | 98.5             |                 |     | 7                             |   |       |     |    |       |   |     |       |     |    |       |    |         |         |       |    |                                  |                           |     |    |  |
| JULIO       | 93.4             | 5.9             | 7   | 7                             | 1.0                                     | 2     | 1.5 | 2  | 2.0   | 1 | 1.0 | 23    | 1.0 | 31 | 1.0   | 30 | 1.0     | 1       | 1.0   | 1  | 9                                | 93                        | 2.0 | E  |  |
| AGOSTO      | 91.7             | 5.9             | 11  | 8                             | 1.0                                     | 1     | 1.0 | 1  | 1.0   | 1 | 1.0 | 26    | 1.0 | 25 | 1.0   | 37 | 1.0     | 1       | 1.0   | 1  | 8                                | 93                        | 2.0 | SW |  |
| SEPTIEMBRE  | 94.5             | 6.0             | 7   | 8                             | 0.0                                     | 0     | 0.0 | 0  | 1.0   | 1 | 1.1 | 17    | 1.0 | 32 | 1.0   | 36 | 1.0     | 7       | 1.0   | 1  | 7                                | 90                        | 2.0 | SE |  |
| OCTUBRE     | 107.0            | 6.4             | 30  | 8                             | 0.0                                     | 0     | 1.0 | 2  | 0.0   | 0 | 1.0 | 26    | 1.1 | 40 | 1.2   | 27 | 0.0     | 0       | 1.0   | 1  | 4                                | 93                        | 4.0 | SW |  |
| NOVIEMBRE   | 101.9            | 7.3             | 7   | 8                             | 1.0                                     | 3     | 1.0 | 1  | 1.0   | 2 | 1.1 | 33    | 1.0 | 26 | 1.3   | 26 | 1.0     | 1       | 1.0   | 2  | 6                                | 90                        | 4.0 | SE |  |
| DICIEMBRE   | 117.7            | 6.6             | 2   | 7                             | 0.0                                     | 0     | 1.0 | 2  | 1.0   | 1 | 1.0 | 23    | 1.0 | 30 | 1.0   | 29 | 1.2     | 5       | 1.0   | 3  | 7                                | 93                        | 2.0 | W  |  |
| VALOR ANUAL | 1391.2           |                 |     | 7                             |   |       |     |    |       |   |     |       |     |    |       |    |         |         |       |    |                                  |                           |     |    |  |



M070 TENA INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |      |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |        | Número de días con precipitación |    |    |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|--------|----------------------------------|----|----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima               | día  | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día    |                                  |    |    |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |      |        |     |       |                        |                           |                   |                 |        |                                  |    |    |
| ENERO       |                       |                                       |        | 29.9        | 21.0   | 24.6    | 100                  | 21   | 61     | 31  | 85    | 21.8                   | 26.2                      | 142.8             | 19.7            | 29     | 23                               |    |    |
| FEBRERO     |                       | 34.2                                  | 5      | 19.8        | 1      | 30.9    | 21.1                 | 25.3 | 100    | 1   | 60    | 10                     | 84                        | 22.1              | 26.6            | 220.6  | 49.8                             | 12 | 18 |
| MARZO       |                       |                                       |        | 20.4        | 5      | 30.0    | 21.4                 | 24.8 | 100    | 12  | 59    | 27                     | 86                        | 22.1              | 26.6            | 222.2  | 58.7                             | 6  | 23 |
| ABRIL       |                       | 33.2                                  | 14     |             |        | 29.9    | 21.3                 | 25.1 | 100    | 8   | 58    | 7                      | 85                        | 22.2              | 26.8            | 273.8  | 46.8                             | 1  | 23 |
| MAYO        |                       | 33.3                                  | 11     |             |        | 29.6    | 21.4                 | 24.8 |        |     |       |                        | 83                        | 21.4              | 25.5            | 490.6  | 124.9                            | 31 | 25 |
| JUNIO       |                       | 30.9                                  | 19     |             |        | 28.0    | 20.2                 | 23.5 |        |     |       |                        | 85                        | 20.5              | 24.2            | 498.5  | 130.5                            | 2  | 27 |
| JULIO       |                       | 31.8                                  | 1      |             |        | 28.2    | 19.9                 | 23.6 |        |     |       |                        | 82                        | 20.1              | 23.5            | 403.5  | 71.8                             | 4  | 23 |
| AGOSTO      |                       |                                       |        |             |        | 30.7    | 19.7                 | 24.7 | 99     | 4   | 48    | 12                     | 77                        | 20.0              | 23.4            | 210.0  | 60.6                             | 21 | 21 |
| SEPTIEMBRE  |                       |                                       |        | 16.7        | 1      | 30.7    | 19.6                 | 24.7 | 99     | 1   | 50    | 11                     | 77                        | 20.0              | 23.4            | 225.0  | 42.6                             | 20 | 19 |
| OCTUBRE     |                       |                                       |        |             |        | 30.9    | 20.1                 | 24.8 | 98     | 2   | 48    | 4                      | 79                        | 20.4              | 24.0            | 217.1  | 48.4                             | 14 | 20 |
| NOVIEMBRE   |                       | 33.5                                  | 25     |             |        | 30.6    | 21.2                 | 25.0 | 99     | 5   | 53    | 25                     | 81                        | 21.2              | 25.1            | 170.7  | 38.9                             | 28 | 23 |
| DICIEMBRE   |                       |                                       |        |             |        | 30.9    | 20.2                 | 25.0 |        |     |       |                        | 78                        | 20.5              | 24.1            | 253.3  | 82.5                             | 23 | 19 |
| VALOR ANUAL |                       |                                       |        |             |        | 30.0    | 20.5                 | 24.6 |        |     |       |                        | 81                        | 21.0              | 24.9            | 3328.1 | 130.5                            |    |    |

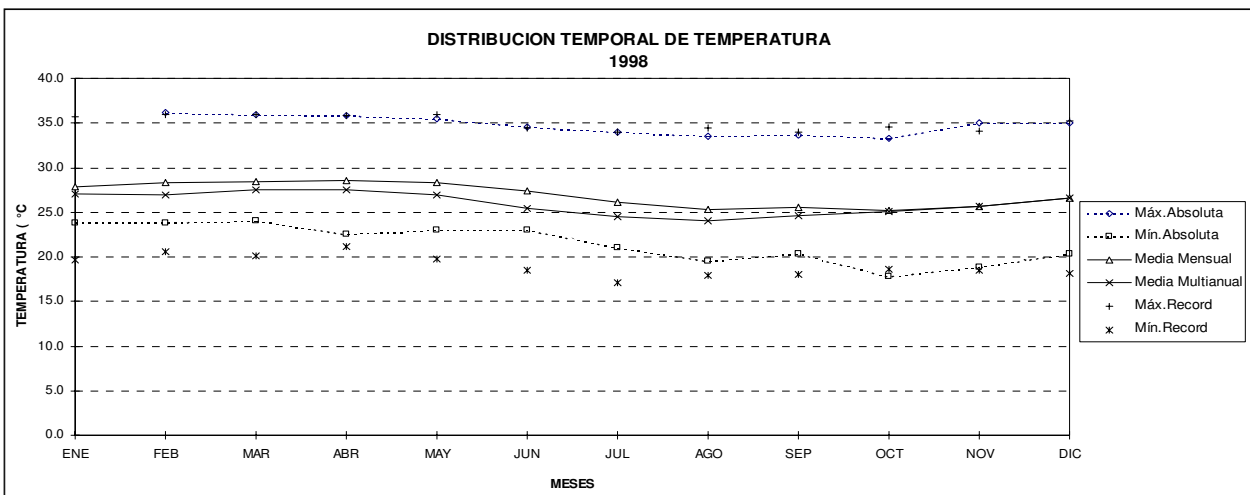
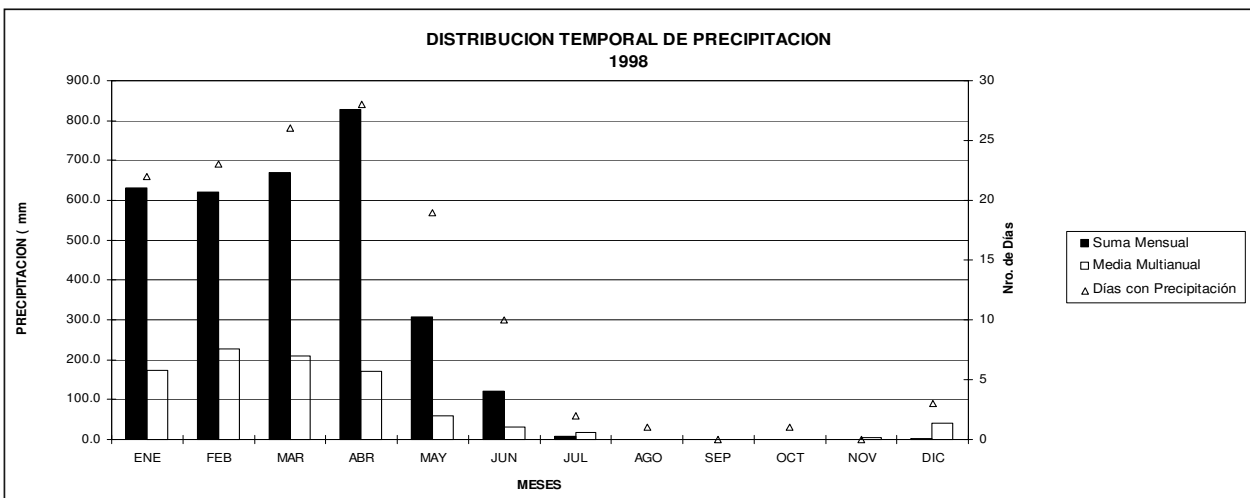
| MES         | EVAPORACION (mm) |                     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |       |    |       |    |       |    |       |         |       |   | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |       |    |     |    |     |    |  |
|-------------|------------------|---------------------|-------------------------------|---|----|-------|----|-------|----|-------|----|-------|---------|-------|---|----------------------------------|---------------------------|-------|----|-----|----|-----|----|--|
|             | Suma Mensual     | Máxima en 24hrs día |                               | N                                       | NE | E     | SE | S     | SW | W     | NW | CALMA | Nro OBS |       |   |                                  |                           |       |    |     |    |     |    |  |
|             | (m/s)            | %                   |                               | (m/s)                                   | %  | (m/s) | %  | (m/s) | %  | (m/s) | %  | (m/s) | %       | (m/s) | % |                                  |                           | (m/s) | %  |     |    |     |    |  |
| ENERO       |                  |                     | 7                             | 2.0                                     | 3  | 6.0   | 1  | 3.2   | 7  | 3.5   | 12 | 4.5   | 9       | 4.0   | 1 | 4.0                              | 2                         | 4.0   | 2  | 63  | 93 | 8.0 | S  |  |
| FEBRERO     |                  |                     | 7                             | 2.5                                     | 2  | 6.0   | 1  | 4.0   | 4  | 3.8   | 12 | 4.3   | 8       | 4.5   | 7 | 3.3                              | 4                         | 3.0   | 1  | 61  | 84 | 8.0 | SE |  |
| MARZO       |                  |                     | 7                             | 5.4                                     | 5  | 0.0   | 0  | 7.0   | 2  | 5.2   | 5  | 4.5   | 12      | 3.5   | 7 | 3.0                              | 2                         | 0.0   | 0  | 67  | 93 | 8.0 | E  |  |
| ABRIL       |                  |                     | 7                             | 1.0                                     | 1  | 2.0   | 1  | 2.1   | 10 | 3.0   | 8  | 2.5   | 4       | 3.0   | 1 | 2.0                              | 1                         | 3.5   | 2  | 71  | 90 | 4.0 | SE |  |
| MAYO        |                  |                     | 7                             | 2.2                                     | 8  | 3.0   | 2  | 2.2   | 11 | 1.5   | 5  | 2.0   | 2       | 1.5   | 2 | 2.0                              | 2                         | 67    | 93 | 4.0 | E  |     |    |  |
| JUNIO       |                  |                     | 7                             | 2.0                                     | 7  | 1.3   | 3  | 1.8   | 10 | 3.0   | 13 | 2.6   | 7       | 1.5   | 1 | 0.0                              | 0                         | 1.0   | 1  | 58  | 90 | 4.0 | SE |  |
| JULIO       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |    |     |    |     |    |  |
| AGOSTO      |                  |                     | 6                             | 1.8                                     | 11 | 2.3   | 2  | 2.1   | 10 | 3.1   | 9  | 2.1   | 11      | 1.8   | 5 | 3.0                              | 1                         | 2.0   | 1  | 51  | 93 | 4.0 | SE |  |
| SEPTIEMBRE  |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |    |     |    |     |    |  |
| OCTUBRE     |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |    |     |    |     |    |  |
| NOVIEMBRE   |                  |                     | 6                             | 1.9                                     | 6  | 0.0   | 0  | 2.5   | 6  | 2.4   | 13 | 2.5   | 16      | 2.4   | 8 | 3.0                              | 2                         | 1.7   | 3  | 47  | 90 | 5.0 | S  |  |
| DICIEMBRE   |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |    |     |    |     |    |  |
| VALOR ANUAL |                  |                     | 6                             |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |    |     |    |     |    |  |



M075 GUAYAQUIL INOCAR INOCAR

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |               |       |         | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm)  |     |    | Número<br>de días con<br>precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|---------------|-------|---------|---------------------------|------------------------------|--------------------|-----|----|--|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima<br>día        | Mínima<br>día | Media | Mensual |                           |                              | Máxima en<br>24hrs | día |    |  |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |               |       |         |                           |                              |                    |     |    |  |
| ENERO       |                       |                                       | 23.8   | 13          | 32.6   | 25.2    | 27.9                 |               |       |         |                           | 630.1                        | 135.6              | 21  | 22 |  |
| FEBRERO     |                       | 36.2                                  | 25     | 23.8        | 9      | 33.0    | 25.1                 | 28.3          |       |         |                           | 619.9                        | 76.4               | 8   | 23 |  |
| MARZO       |                       | 36.0                                  | 8      | 24.1        | 7      | 33.8    | 25.4                 | 28.4          |       |         |                           | 669.5                        | 100.9              | 19  | 26 |  |
| ABRIL       |                       | 35.8                                  | 27     | 22.5        | 11     | 34.1    | 25.1                 | 28.5          |       |         |                           | 827.8                        | 133.6              | 18  | 28 |  |
| MAYO        |                       | 35.5                                  | 24     | 23.0        | 27     | 33.1    | 25.4                 | 28.3          |       |         |                           | 307.6                        | 57.0               | 26  | 19 |  |
| JUNIO       |                       | 34.6                                  | 3      | 23.0        | 17     | 32.2    | 23.9                 | 27.4          |       |         |                           | 121.7                        | 38.0               | 2   | 10 |  |
| JULIO       |                       | 34.0                                  | 7      | 21.0        | 25     | 30.8    | 22.8                 | 26.1          |       |         |                           | 8.0                          | 6.8                | 9   | 2  |  |
| AGOSTO      |                       | 33.5                                  | 28     | 19.5        | 17     | 30.2    | 21.5                 | 25.3          |       |         |                           | 0.2                          | 0.2                | 5   | 1  |  |
| SEPTIEMBRE  |                       | 33.6                                  | 6      | 20.4        | 13     | 31.0    | 21.5                 | 25.6          |       |         |                           | 0.0                          | 0.0                | 1   | 0  |  |
| OCTUBRE     |                       | 33.3                                  | 4      | 17.8        | 22     | 30.4    | 21.4                 | 25.2          |       |         |                           | 0.2                          | 0.2                | 28  | 1  |  |
| NOVIEMBRE   |                       | 35.0                                  | 7      | 18.8        | 11     | 31.1    | 21.4                 | 25.7          |       |         |                           | 0.0                          | 0.0                | 1   | 0  |  |
| DICIEMBRE   |                       | 35.0                                  | 27     | 20.4        | 8      | 32.1    | 22.2                 | 26.6          |       |         |                           | 2.5                          | 1.2                | 15  | 3  |  |
| VALOR ANUAL |                       |                                       | 17.8   |             | 32.0   | 23.4    | 26.9                 |               |       |         |                           | 3187.5                       | 135.6              |     |    |  |

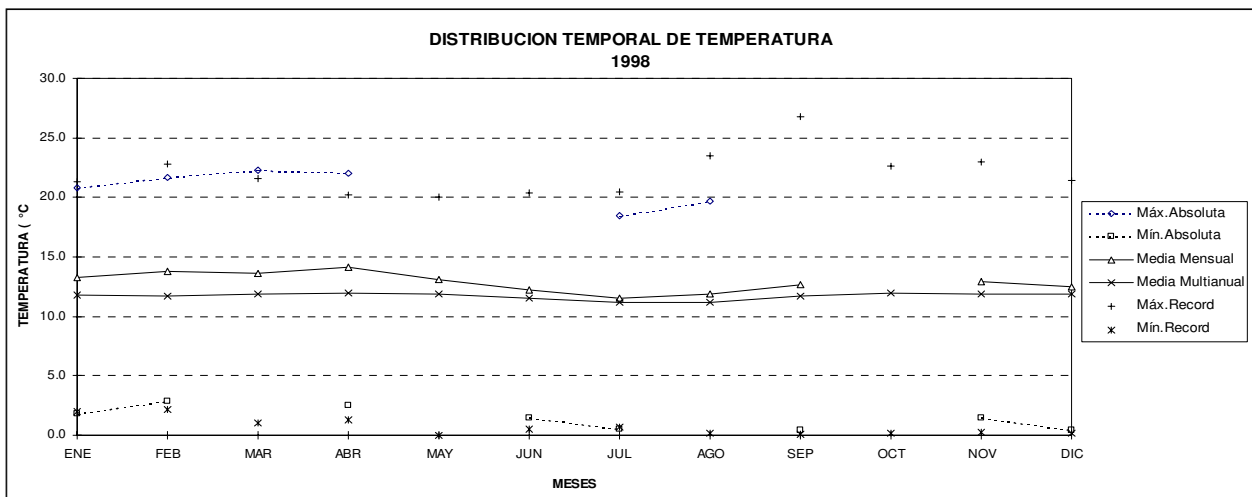
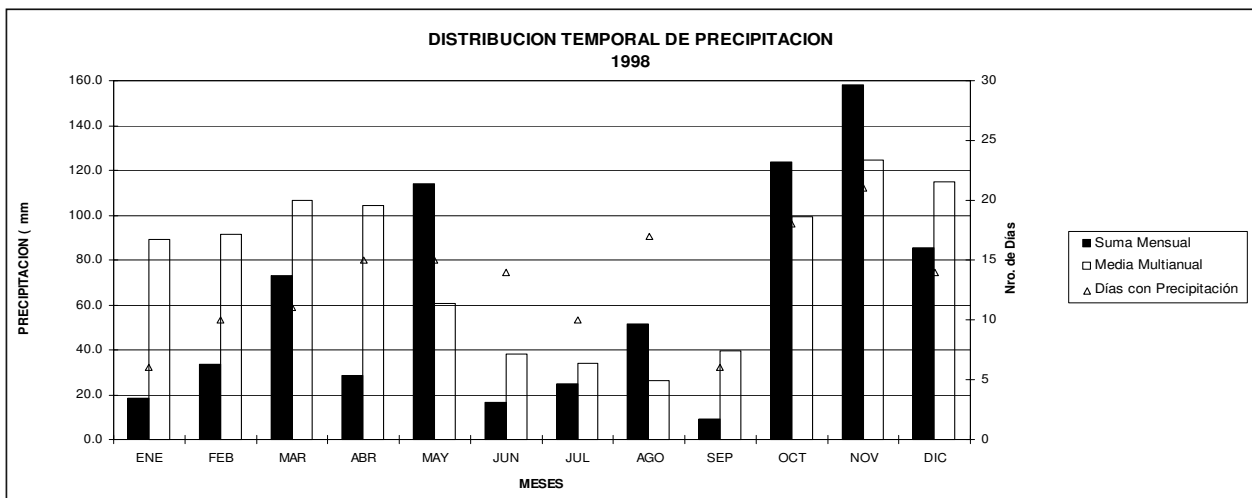
| MES         | EVAPORACION (mm) |                    |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |   |     |       |     |    |     |       |            |       | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |    |       |     |    |  |  |
|-------------|------------------|--------------------|-----|-------------------------------|---|-------|-----|----|-------|---|-----|-------|-----|----|-----|-------|------------|-------|---------------------------------|------------------------------|----|-------|-----|----|--|--|
|             | Suma<br>Mensual  | Máxima en<br>24hrs | día |                               | N                                       | NE    |     | E  | SE    |   | S   | SW    |     | W  | NW  | CALMA | Nro<br>OBS |       |                                 |                              |    |       |     |    |  |  |
|             |                  |                    |     |                               |   | (m/s) | %   |    | (m/s) | % |     | (m/s) | %   |    |     |       |            | (m/s) |                                 |                              | %  | (m/s) | %   |    |  |  |
| ENERO       | 80.6             | 6.5                | 2   | 7                             |   |       |     |    |       |   |     |       |     |    |     |       |            |       |                                 |                              |    |       |     |    |  |  |
| FEBRERO     | 61.7             | 3.8                | 3   | 7                             |   |       |     |    |       |   |     |       |     |    |     |       |            |       |                                 |                              |    |       |     |    |  |  |
| MARZO       | 86.4             | 5.4                | 24  | 7                             | 1.5                                     | 4     | 2.1 | 10 | 0.0   | 0 | 1.9 | 10    | 2.3 | 3  | 2.2 | 17    | 2.4        | 5     | 1.6                             | 5                            | 45 | 93    | 6.0 | SW |  |  |
| ABRIL       | 86.1             | 5.1                | 24  | 7                             | 1.5                                     | 7     | 2.1 | 4  | 2.0   | 1 | 1.6 | 9     | 0.0 | 0  | 2.1 | 29    | 2.5        | 4     | 2.0                             | 3                            | 42 | 90    | 5.0 | SW |  |  |
| MAYO        | 90.3             | 4.6                | 23  | 7                             | 1.0                                     | 1     | 2.3 | 9  | 2.0   | 3 | 1.8 | 5     | 1.0 | 2  | 2.1 | 32    | 1.6        | 8     | 2.0                             | 3                            | 37 | 93    | 5.0 | NE |  |  |
| JUNIO       | 96.9             | 4.4                | 19  | 6                             | 2.0                                     | 2     | 1.0 | 1  | 1.0   | 6 | 1.7 | 7     | 3.3 | 2  | 2.5 | 54    | 1.9        | 6     | 1.5                             | 2                            | 20 | 90    | 5.0 | SW |  |  |
| JULIO       | 96.8             | 4.6                | 21  | 7                             | 0.0                                     | 0     | 4.0 | 1  | 0.0   | 0 | 1.7 | 3     | 2.3 | 7  | 2.4 | 58    | 2.2        | 12    | 1.5                             | 2                            | 17 | 93    | 5.0 | S  |  |  |
| AGOSTO      | 112.0            | 6.0                | 28  | 7                             |   |       |     |    |       |   |     |       |     |    |     |       |            |       |                                 |                              |    |       |     |    |  |  |
| SEPTIEMBRE  | 117.2            | 6.8                | 7   | 7                             | 0.0                                     | 0     | 0.0 | 0  | 0.0   | 0 | 2.2 | 6     | 3.0 | 6  | 2.6 | 74    | 1.8        | 11    | 3.0                             | 1                            | 2  | 90    | 5.0 | SW |  |  |
| OCTUBRE     | 128.5            | 6.4                | 23  | 6                             | 0.0                                     | 0     | 0.0 | 0  | 2.0   | 1 | 2.0 | 5     | 2.5 | 13 | 2.6 | 67    | 2.0        | 11    | 0.0                             | 0                            | 3  | 93    | 6.0 | SW |  |  |
| NOVIEMBRE   | 148.0            | 7.1                | 6   | 7                             | 4.0                                     | 1     | 2.0 | 1  | 1.5   | 2 | 2.6 | 12    | 2.9 | 8  | 2.9 | 60    | 3.2        | 6     | 1.0                             | 1                            | 9  | 90    | 6.0 | W  |  |  |
| DICIEMBRE   | 155.3            | 6.5                | 28  | 7                             | 1.8                                     | 5     | 0.0 | 0  | 2.0   | 1 | 2.2 | 7     | 2.5 | 15 | 2.6 | 51    | 2.3        | 12    | 1.4                             | 5                            | 4  | 93    | 5.0 | W  |  |  |
| VALOR ANUAL | 1259.8           | 7.1                |     | 6                             |   |       |     |    |       |   |     |       |     |    |     |       |            |       |                                 |                              |    |       |     |    |  |  |



M102 EL ANGEL INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        |        | HUMEDAD RELATIVA (%) |     |        |     | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                 | Número de días con precipitación |     |         |  |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|--------|----------------------|-----|--------|-----|------------------------|---------------------------|-------------------|---------|-----------------|----------------------------------|-----|---------|--|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        |        | Máxima               | día | Mínima | día |                        |                           | Media             | Mensual | Máxima en 24hrs |                                  | día |         |  |
|             |                       | Máxima                                | día | Mínima      | día | Máxima | Mínima |                      |     |        |     |                        |                           |                   |         |                 |                                  |     | Mensual |  |
| ENERO       |                       | 20.8                                  | 9   | 1.8         | 3   | 18.4   | 4.7    | 13.3                 | 95  | 8      | 51  | 2                      | 75                        | 8.9               | 11.5    | 18.4            | 11.5                             | 8   | 6       |  |
| FEBRERO     |                       | 21.7                                  | 18  | 2.9         | 5   | 19.3   | 5.1    | 13.8                 |     |        |     |                        | 76                        | 9.5               | 11.9    | 33.7            | 18.6                             | 8   | 10      |  |
| MARZO       |                       | 22.3                                  | 24  |             |     | 18.9   | 5.1    | 13.6                 |     |        |     |                        | 78                        | 9.6               | 12.0    | 73.0            | 26.9                             | 28  | 11      |  |
| ABRIL       |                       | 22.0                                  | 17  | 2.5         | 11  | 19.4   | 5.2    | 14.1                 |     |        |     |                        | 78                        | 10.1              | 12.4    | 28.7            | 7.9                              | 22  | 15      |  |
| MAYO        |                       |                                       |     |             |     | 17.5   | 5.4    | 13.1                 |     |        |     |                        | 81                        | 9.7               | 12.1    | 113.9           | 26.9                             | 29  | 15      |  |
| JUNIO       |                       |                                       |     | 1.5         | 14  | 16.7   | 4.4    | 12.2                 |     |        |     |                        | 76                        | 8.0               | 10.8    | 16.4            | 4.8                              | 1   | 14      |  |
| JULIO       |                       | 18.5                                  | 4   | 0.5         | 15  | 16.3   | 2.9    | 11.5                 | 91  | 20     | 49  | 14                     | 74                        | 6.9               | 10.0    | 24.6            | 5.5                              | 19  | 10      |  |
| AGOSTO      |                       | 19.7                                  | 10  |             |     | 16.7   | 3.6    | 11.9                 |     |        |     |                        | 74                        | 7.2               | 10.2    | 51.6            | 20.9                             | 21  | 17      |  |
| SEPTIEMBRE  |                       |                                       |     | 0.4         | 2   | 18.2   | 2.9    | 12.7                 |     |        |     |                        | 83                        | 9.7               | 12.3    | 9.2             | 3.0                              | 10  | 6       |  |
| OCTUBRE     |                       |                                       |     |             |     |        |        |                      |     |        |     |                        |                           |                   |         | 123.7           | 20.2                             | 24  | 18      |  |
| NOVIEMBRE   |                       |                                       |     | 1.5         | 26  | 17.9   | 4.6    | 12.9                 | 99  | 27     | 56  | 1                      | 84                        | 9.9               | 12.3    | 158.1           | 28.2                             | 21  | 21      |  |
| DICIEMBRE   |                       |                                       |     | 0.4         | 22  | 18.2   | 3.6    | 12.5                 |     |        |     |                        | 79                        | 8.7               | 11.4    | 85.7            | 47.6                             | 5   | 14      |  |
| VALOR ANUAL |                       |                                       |     |             |     |        |        |                      |     |        |     |                        |                           |                   |         | 737.0           | 47.6                             |     |         |  |

| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |         |         |      |    |  |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|------------------------------|---------------------------|---------|---------|------|----|--|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |                              |                           | CALMA % | Nro OBS |      |    |  |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                              |                           |         |         | %    |    |  |
| ENERO       |                  |                 |     | 4                             | 2.0                                     | 3     | 3.3 | 24    | 2.4 | 16    | 3.8 | 28    | 0.0 | 0     | 2.0 | 4     | 0.0 | 0     | 3.5                          | 7                         | 18      | 93      | 8.0  | NE |  |
| FEBRERO     |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |      |    |  |
| MARZO       |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |      |    |  |
| ABRIL       |                  |                 |     | 4                             | 1.0                                     | 2     | 3.1 | 16    | 3.3 | 12    | 3.5 | 23    | 1.5 | 2     | 4.7 | 8     | 0.0 | 0     | 1.0                          | 2                         | 34      | 90      | 9.0  | E  |  |
| MAYO        |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |      |    |  |
| JUNIO       |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |      |    |  |
| JULIO       |                  |                 |     | 4                             | 2.6                                     | 5     | 3.4 | 25    | 4.2 | 14    | 5.0 | 41    | 0.0 | 0     | 4.5 | 2     | 0.0 | 0     | 5.4                          | 5                         | 8       | 93      | 8.0  | SE |  |
| AGOSTO      |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |      |    |  |
| SEPTIEMBRE  |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |      |    |  |
| OCTUBRE     |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |      |    |  |
| NOVIEMBRE   |                  |                 |     | 5                             | 5.0                                     | 1     | 2.1 | 8     | 1.5 | 4     | 2.9 | 20    | 2.0 | 1     | 2.2 | 11    | 0.0 | 0     | 0.0                          | 0                         | 54      | 90      | 6.0  | SE |  |
| DICIEMBRE   |                  |                 |     | 4                             | 2.0                                     | 1     | 2.8 | 14    | 4.0 | 8     | 3.3 | 23    | 0.0 | 0     | 2.3 | 13    | 0.0 | 0     | 0.0                          | 0                         | 42      | 93      | 10.0 | E  |  |
| VALOR ANUAL |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |      |    |  |

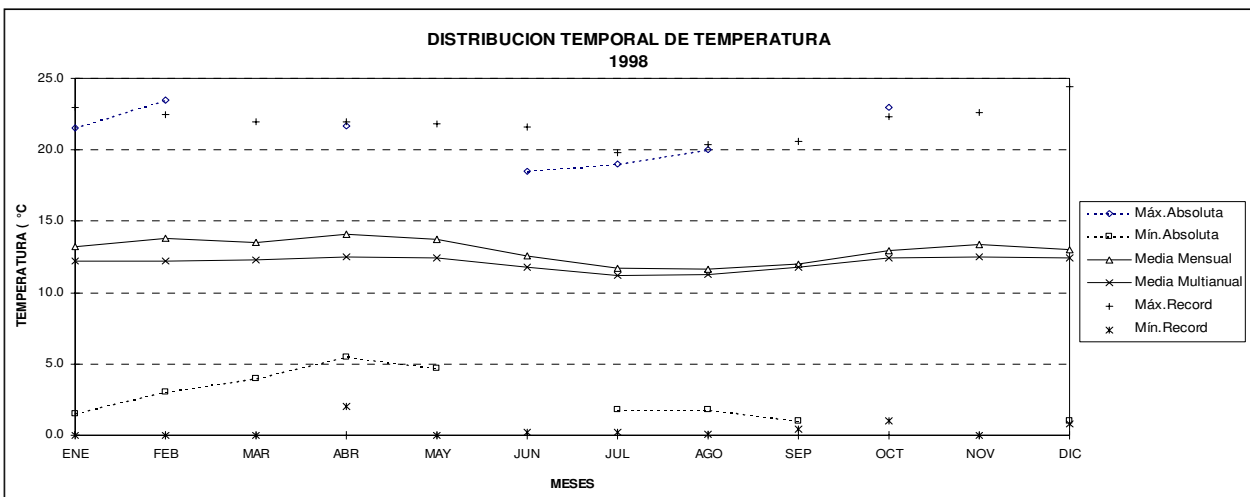
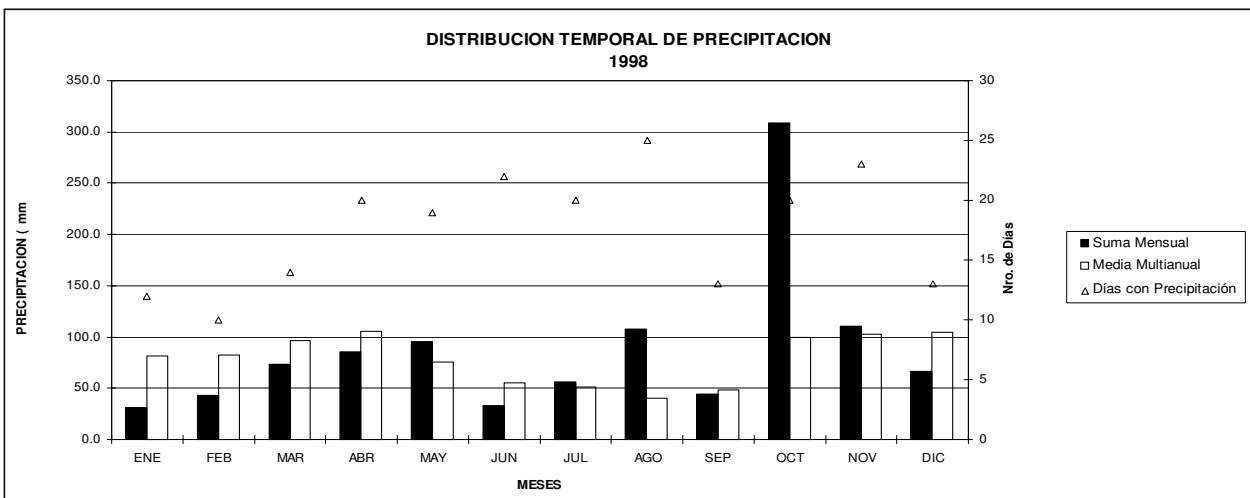




M103 SAN GABRIEL INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |       | Número de días con precipitación |      |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-------|----------------------------------|------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día   |                                  | Suma |
|             |                       | Máxima                                | día | Mínima      | día | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |       |                                  |      |
| ENERO       | 171.4                 | 21.5                                  | 7   | 1.5         | 2   | 19.2   | 7.7    | 13.2                 | 94  | 24     | 46  | 7     | 73                     | 8.1                       | 10.8              | 30.7            | 8.5   | 7                                | 12   |
| FEBRERO     | 146.2                 | 23.5                                  | 18  | 3.0         | 4   | 19.9   | 7.8    | 13.8                 | 93  | 21     | 39  | 18    | 71                     | 8.2                       | 11.0              | 43.3            | 20.0  | 9                                | 10   |
| MARZO       | 124.0                 |                                       |     | 4.0         | 11  | 19.5   | 8.2    | 13.5                 | 95  | 9      | 43  | 27    | 74                     | 8.6                       | 11.2              | 73.2            | 40.0  | 1                                | 14   |
| ABRIL       | 117.7                 | 21.7                                  | 5   | 5.5         | 11  | 19.3   | 9.0    | 14.1                 | 94  | 6      | 52  | 11    | 75                     | 9.5                       | 11.9              | 85.2            | 18.1  | 7                                | 20   |
| MAYO        | 139.1                 |                                       |     | 4.7         | 7   | 17.8   | 9.5    | 13.7                 | 94  | 1      | 46  | 15    | 75                     | 9.1                       | 11.6              | 95.1            | 21.5  | 5                                | 19   |
| JUNIO       | 124.4                 | 18.5                                  | 10  |             |     | 16.9   | 7.6    | 12.6                 | 92  | 19     | 46  | 30    | 75                     | 8.0                       | 10.8              | 32.7            | 7.8   | 1                                | 22   |
| JULIO       | 143.9                 | 19.0                                  | 2   | 1.8         | 8   | 16.6   | 6.8    | 11.7                 | 93  | 4      | 51  | 2     | 75                     | 7.3                       | 10.2              | 56.1            | 9.2   | 19                               | 20   |
| AGOSTO      | 185.2                 | 20.0                                  | 20  | 1.8         | 19  | 16.6   | 6.0    | 11.6                 | 93  | 14     | 44  | 19    | 75                     | 7.0                       | 10.1              | 107.9           | 38.4  | 21                               | 25   |
| SEPTIEMBRE  | 179.8                 |                                       |     | 1.0         | 1   | 18.1   | 4.8    | 12.0                 |     |        |     |       |                        | 8.4                       | 11.1              | 44.3            | 8.2   | 10                               | 13   |
| OCTUBRE     | 161.3                 | 23.0                                  | 14  |             |     | 19.2   | 6.3    | 12.9                 | 99  | 17     | 40  | 14    | 83                     | 9.8                       | 12.2              | 309.1           | 103.5 | 16                               | 20   |
| NOVIEMBRE   | 132.0                 |                                       |     |             |     | 19.2   | 8.0    | 13.4                 |     |        |     |       |                        | 10.4                      | 12.6              | 110.3           | 20.7  | 27                               | 23   |
| DICIEMBRE   | 230.9                 |                                       |     | 1.0         | 17  | 20.3   | 5.3    | 13.0                 | 100 | 22     | 35  | 3     | 79                     | 9.0                       | 11.5              | 66.0            | 20.6  | 11                               | 13   |
| VALOR ANUAL | 1855.9                |                                       |     |             |     | 18.5   | 7.2    | 12.9                 |     |        |     |       |                        | 8.6                       | 11.2              | 1053.9          | 103.5 |                                  |      |

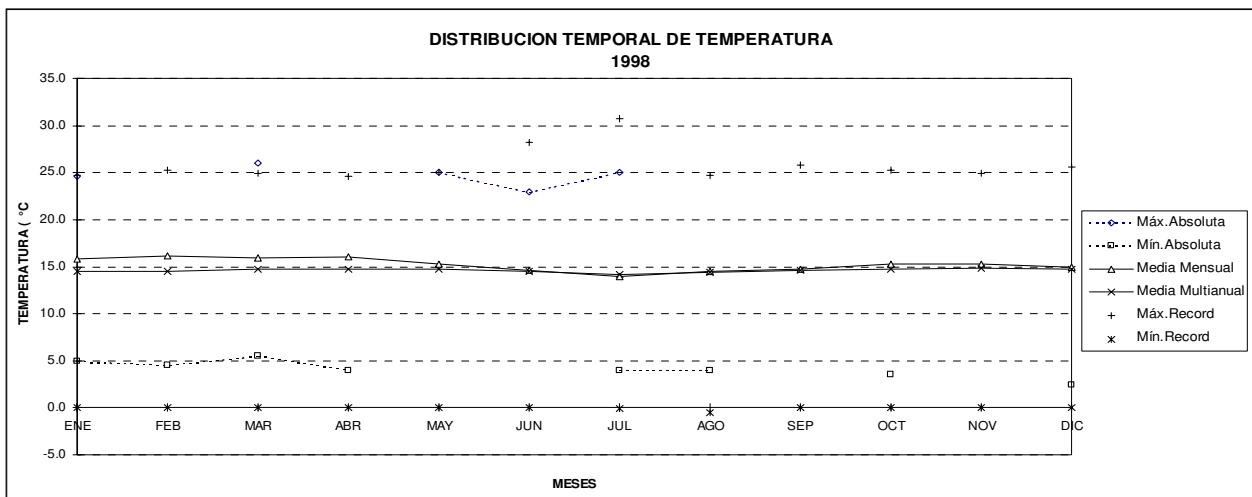
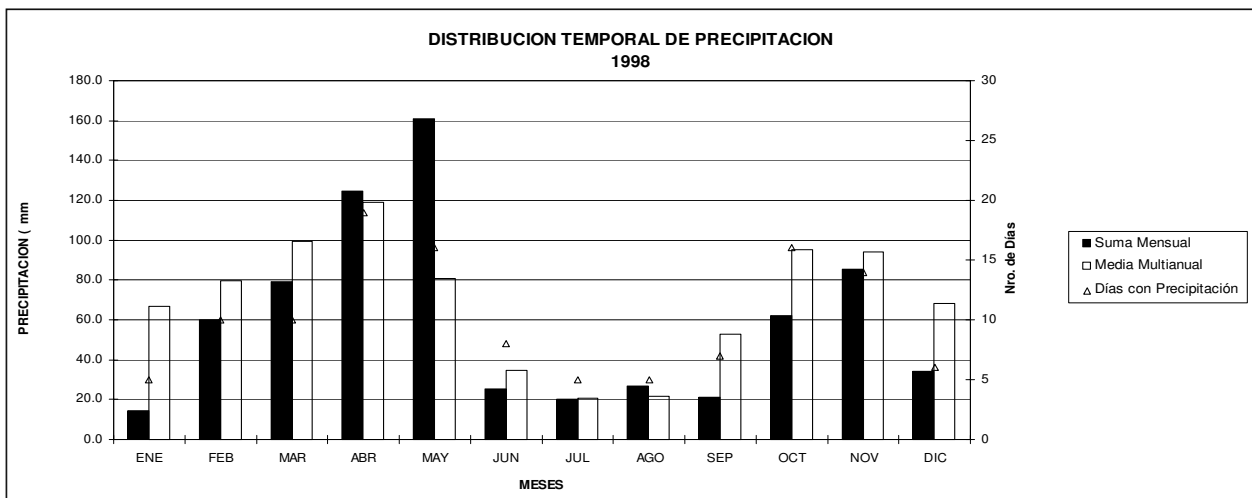
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |    |     |         |         |       |     |    | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |      |    |     |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|---|-------|---|-----|-------|-----|----|-----|---------|---------|-------|-----|----|----------------------------------|---------------------------|------|----|-----|-----|
|             | Mensual          | Máxima en 24hrs | día |                               | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W  | NW  | CALMA % | Nro OBS |       |     |    |                                  |                           |      |    |     |     |
|             |                  |                 |     |                               |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |    |     |         |         | (m/s) | %   |    |                                  |                           |      |    |     |     |
| ENERO       | 96.2             | 6.0             | 24  | 6                             | 1.5                                     | 2     | 1.7 | 7 | 0.0   | 0 | 2.1 | 46    | 1.0 | 3  | 1.9 | 9       | 0.0     | 0     | 1.0 | 4  | 29                               | 93                        | 6.0  | SE | 3.3 |     |
| FEBRERO     | 94.0             | 5.0             | 5   | 7                             | 1.5                                     | 2     | 0.0 | 0 | 4.0   | 1 | 3.2 | 11    | 2.0 | 4  | 1.4 | 12      | 1.7     | 4     | 1.9 | 44 | 23                               | 84                        | 10.0 | NW | 3.0 |     |
| MARZO       | 97.7             | 5.0             | 8   | 7                             | 1.0                                     | 1     | 1.0 | 3 | 1.0   | 1 | 4.3 | 10    | 1.5 | 7  | 1.6 | 46      | 1.0     | 2     | 0.0 | 0  | 30                               | 93                        | 6.0  | SE | 2.9 |     |
| ABRIL       | 92.7             | 5.0             | 14  | 7                             | 2.0                                     | 1     | 1.8 | 4 | 2.0   | 1 | 3.3 | 30    | 1.3 | 7  | 1.5 | 2       | 1.0     | 1     | 1.0 | 1  | 52                               | 90                        | 6.0  | SE | 2.9 |     |
| MAYO        | 91.6             | 5.0             | 8   | 7                             | 1.0                                     | 1     | 2.0 | 7 | 0.0   | 0 | 3.3 | 11    | 1.8 | 5  | 2.0 | 30      | 0.0     | 0     | 0.0 | 0  | 46                               | 93                        | 6.0  | SW | 3.2 |     |
| JUNIO       | 80.2             | 3.5             | 13  | 7                             | 2.0                                     | 1     | 0.0 | 0 | 0.0   | 0 | 3.2 | 12    | 1.0 | 1  | 1.1 | 14      | 0.0     | 0     | 1.3 | 50 | 21                               | 90                        | 6.0  | SE | 3.5 |     |
| JULIO       | 79.1             | 4.0             | 14  | 7                             | 1.0                                     | 1     | 1.2 | 7 | 0.0   | 0 | 2.2 | 53    | 2.0 | 2  | 1.5 | 13      | 0.0     | 0     | 1.0 | 3  | 22                               | 93                        | 6.0  | SE | 3.6 |     |
| AGOSTO      | 82.4             | 3.9             | 10  | 7                             | 0.0                                     | 0     | 1.3 | 7 | 0.0   | 0 | 2.8 | 22    | 2.0 | 1  | 1.8 | 48      | 0.0     | 0     | 1.0 | 1  | 22                               | 93                        | 6.0  | SE | 3.3 |     |
| SEPTIEMBRE  | 99.6             | 5.5             | 12  | 6                             |   |       |     |   |       |   |     |       |     |    |     |         |         |       |     |    |                                  |                           |      |    |     | 3.4 |
| OCTUBRE     | 85.1             | 4.5             | 4   | 7                             | 1.0                                     | 3     | 2.3 | 4 | 0.0   | 0 | 2.1 | 50    | 1.0 | 10 | 2.0 | 4       | 1.0     | 1     | 1.0 | 3  | 25                               | 93                        | 6.0  | SE | 3.0 |     |
| NOVIEMBRE   | 81.3             | 4.0             | 13  | 7                             |   |       |     |   |       |   |     |       |     |    |     |         |         |       |     |    |                                  |                           |      |    |     | 3.1 |
| DICIEMBRE   | 100.0            | 4.5             | 3   | 6                             |   |       |     |   |       |   |     |       |     |    |     |         |         |       |     |    |                                  |                           |      |    |     | 3.3 |
| VALOR ANUAL | 1079.9           | 6.0             |     | 6                             |   |       |     |   |       |   |     |       |     |    |     |         |         |       |     |    |                                  |                           |      |    |     | 3.2 |



M105 OTAVALO INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |             |        |        | HUMEDAD RELATIVA (%) |            |       |         |                 | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |         | Número de días con precipitación |    |
|-------------|-----------------------|---------------------------------------|-----|--------|-------------|--------|--------|----------------------|------------|-------|---------|-----------------|------------------------|---------------------------|-------------------|-----------------|---------|----------------------------------|----|
|             |                       | ABSOLUTAS                             |     |        | M E D I A S |        |        | Máxima día           | Mínima día | Media | Mensual | Máxima en 24hrs |                        |                           | Mensual           | Máxima en 24hrs |         |                                  |    |
|             |                       | Máxima                                | día | Mínima | día         | Máxima | Mínima |                      |            |       |         |                 |                        |                           |                   |                 | Mensual |                                  |    |
| ENERO       | 163.8                 | 24.6                                  | 25  | 5.0    | 2           | 22.9   | 8.3    | 15.8                 | 100        | 9     | 36      | 2               | 77                     | 11.3                      | 13.5              | 14.4            | 4.5     | 7                                | 5  |
| FEBRERO     | 142.6                 |                                       |     | 4.5    | 28          | 23.1   | 8.0    | 16.2                 | 98         | 1     | 41      | 1               | 78                     | 11.9                      | 14.0              | 59.8            | 18.0    | 14                               | 10 |
| MARZO       | 130.8                 | 26.0                                  | 22  | 5.5    | 1           | 22.5   | 7.6    | 15.9                 | 98         | 1     | 45      | 14              | 79                     | 11.9                      | 14.0              | 79.0            | 36.2    | 30                               | 10 |
| ABRIL       | 129.3                 |                                       |     | 4.0    | 9           | 22.1   | 6.9    | 16.0                 | 99         | 8     | 55      | 15              | 85                     | 13.3                      | 15.3              | 124.6           | 17.8    | 5                                | 19 |
| MAYO        | 138.1                 | 25.0                                  | 20  |        |             | 21.4   | 4.6    | 15.3                 | 98         | 3     | 44      | 20              | 83                     | 12.0                      | 14.1              | 161.0           | 29.6    | 3                                | 16 |
| JUNIO       | 175.2                 | 23.0                                  | 12  |        |             | 21.2   | 5.2    | 14.6                 |            |       |         |                 | 78                     | 10.5                      | 12.7              | 25.3            | 7.8     | 7                                | 8  |
| JULIO       | 179.3                 | 25.0                                  | 27  | 4.0    | 8           | 20.8   | 5.3    | 14.0                 |            |       |         |                 | 78                     | 9.8                       | 12.2              | 20.3            | 8.3     | 19                               | 5  |
| AGOSTO      | 151.9                 |                                       |     | 4.0    | 14          | 21.7   | 6.6    | 14.5                 | 98         | 7     | 36      | 10              | 74                     | 9.3                       | 11.8              | 26.7            | 15.2    | 7                                | 5  |
| SEPTIEMBRE  | 165.9                 |                                       |     |        |             | 23.8   | 7.9    | 14.7                 |            |       |         |                 | 75                     | 9.8                       | 12.2              | 21.3            | 13.4    | 17                               | 7  |
| OCTUBRE     | 160.7                 |                                       |     | 3.5    | 12          | 22.2   | 9.5    | 15.3                 | 98         | 7     | 32      | 10              | 78                     | 10.9                      | 13.2              | 62.1            | 13.7    | 21                               | 16 |
| NOVIEMBRE   | 165.8                 |                                       |     |        |             | 21.0   | 11.3   | 15.3                 | 98         | 24    | 53      | 16              | 83                     | 12.2                      | 14.3              | 85.6            | 22.1    | 1                                | 14 |
| DICIEMBRE   | 213.5                 |                                       |     | 2.5    | 22          | 21.7   | 8.8    | 14.9                 | 98         | 11    | 42      | 3               | 80                     | 11.0                      | 13.3              | 34.3            | 12.2    | 11                               | 6  |
| VALOR ANUAL | 1916.9                |                                       |     |        |             | 22.0   | 7.5    | 15.2                 |            |       |         |                 | 79                     | 11.1                      | 13.3              | 714.4           | 36.2    |                                  |    |

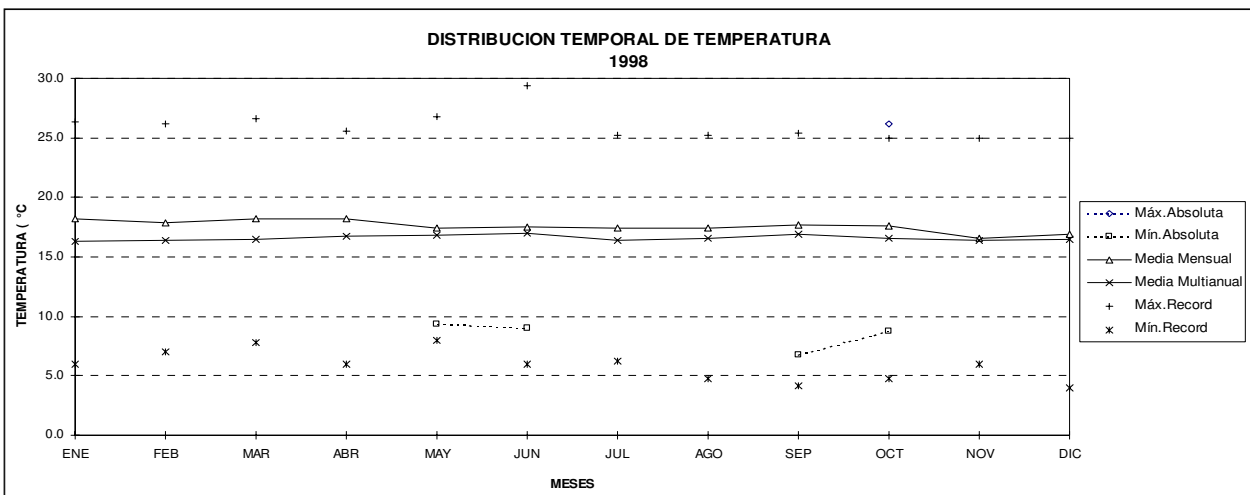
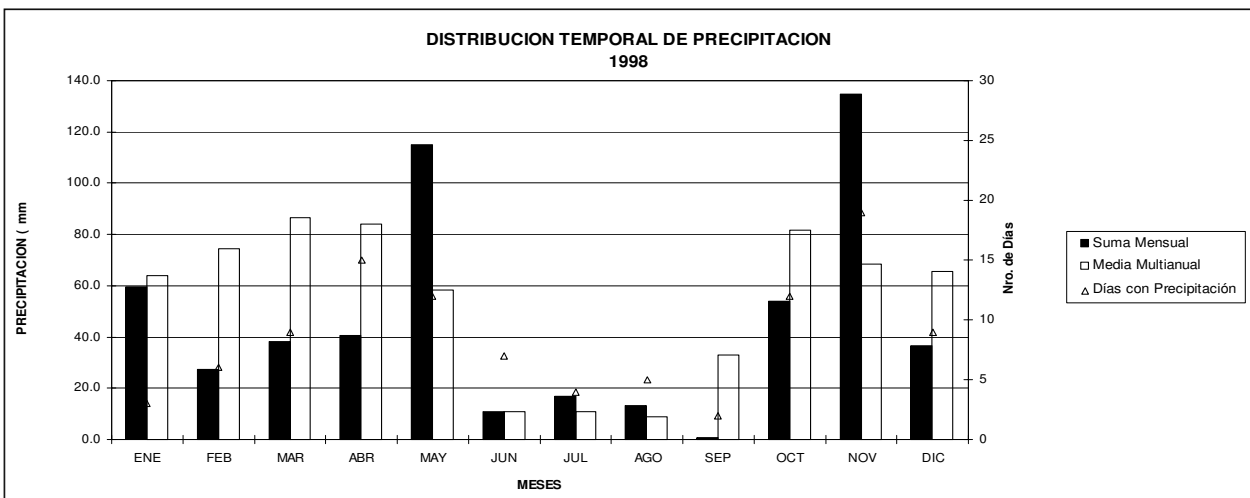
| MES         | EVAPORACION (mm) |                     |       | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |     |       |     |       |     |       |     |       |     |       |     |       |     | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |       |     |     |
|-------------|------------------|---------------------|-------|-------------------------------|---|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|----------------------------------|---------------------------|---------|---------|-------|-----|-----|
|             | Suma Mensual     | Máxima en 24hrs día |       |                               | N                                       | NE  |       | E   |       | SE  |       | S   |       | SW  |       | W   |       | NW  |                                  |                           | CALMA % | Nro OBS |       |     |     |
|             |                  | (m/s)               | (m/s) |                               |   | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) |                                  |                           |         |         | (m/s) | (%) |     |
| ENERO       | 111.4            | 6.0                 | 3     | 6                             |   |     |       |     |       |     |       |     |       |     |       |     |       |     |                                  |                           |         |         | 0.3   |     |     |
| FEBRERO     | 95.8             | 8.0                 | 14    | 6                             |   |     |       |     |       |     |       |     |       |     |       |     |       |     |                                  |                           |         |         | 0.2   |     |     |
| MARZO       | 89.0             | 7.0                 | 28    | 6                             |   |     |       |     |       |     |       |     |       |     |       |     |       |     |                                  |                           |         |         | 0.2   |     |     |
| ABRIL       |                  |                     |       | 6                             |   |     |       |     |       |     |       |     |       |     |       |     |       |     |                                  |                           |         |         | 1.5   |     |     |
| MAYO        |                  |                     |       | 6                             |   |     |       |     |       |     |       |     |       |     |       |     |       |     |                                  |                           |         |         | 1.8   |     |     |
| JUNIO       |                  |                     |       | 5                             |   |     |       |     |       |     |       |     |       |     |       |     |       |     |                                  |                           |         |         | 0.3   |     |     |
| JULIO       |                  |                     |       | 5                             | 0.0                                     | 0   | 2.5   | 26  | 1.5   | 2   | 1.5   | 2   | 1.0   | 1   | 2.0   | 2   | 1.0   | 1   | 2.2                              | 22                        | 44      | 93      | 5.0   | NE  | 0.3 |
| AGOSTO      |                  |                     |       | 5                             | 2.0                                     | 1   | 2.8   | 27  | 1.6   | 5   | 1.8   | 5   | 1.0   | 2   | 1.0   | 1   | 0.0   | 0   | 3.2                              | 15                        | 43      | 93      | 8.0   | NW  | 0.3 |
| SEPTIEMBRE  |                  |                     |       | 5                             |   |     |       |     |       |     |       |     |       |     |       |     |       |     |                                  |                           |         |         |       | 3.1 |     |
| OCTUBRE     |                  |                     |       | 6                             | 2.0                                     | 1   | 2.8   | 19  | 1.5   | 2   | 4.5   | 2   | 0.0   | 0   | 0.0   | 0   | 0.0   | 0   | 2.6                              | 19                        | 56      | 93      | 6.0   | NW  | 3.2 |
| NOVIEMBRE   | 95.6             | 6.0                 | 30    | 6                             | 2.0                                     | 3   | 2.3   | 26  | 0.0   | 0   | 1.0   | 1   | 1.0   | 1   | 1.0   | 1   | 1.3   | 3   | 1.9                              | 11                        | 53      | 90      | 4.0   | NW  | 2.7 |
| DICIEMBRE   | 122.3            | 6.0                 | 22    | 5                             |   |     |       |     |       |     |       |     |       |     |       |     |       |     |                                  |                           |         |         |       | 2.8 |     |
| VALOR ANUAL |                  |                     |       | 5                             |   |     |       |     |       |     |       |     |       |     |       |     |       |     |                                  |                           |         |         |       | 1.3 |     |



M107 CAHUASQUI-FAO INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|---------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |         | Máxima día           | Mínima día | Media | Mensual |                        |                           | Suma              | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | día | Mínima      | día  | Mensual |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| ENERO       |                       |                                       |     | 24.1        | 12.1 | 18.2    |                      |            | 77    | 13.9    | 15.9                   | 59.6                      | 58.0              | 7               | 3   |                                  |
| FEBRERO     |                       |                                       |     | 24.2        | 11.7 | 17.9    |                      |            | 78    | 13.8    | 15.8                   | 27.3                      | 11.4              | 9               | 6   |                                  |
| MARZO       |                       |                                       |     | 24.4        | 12.0 | 18.2    |                      |            | 79    | 14.1    | 16.2                   | 38.2                      | 18.8              | 27              | 9   |                                  |
| ABRIL       |                       |                                       |     | 24.5        | 11.5 | 18.2    |                      |            | 79    | 14.2    | 16.2                   | 40.5                      | 9.4               | 26              | 15  |                                  |
| MAYO        |                       |                                       | 9.4 | 29          | 22.9 | 11.4    | 17.4                 |            | 81    | 13.7    | 15.8                   | 115.1                     | 41.5              | 3               | 12  |                                  |
| JUNIO       |                       |                                       | 9.0 | 23          | 22.8 | 11.2    | 17.5                 |            | 78    | 13.4    | 15.5                   | 11.0                      | 2.6               | 18              | 7   |                                  |
| JULIO       |                       |                                       |     |             | 22.2 | 11.4    | 17.4                 |            | 76    | 12.9    | 14.9                   | 16.8                      | 9.0               | 20              | 4   |                                  |
| AGOSTO      |                       |                                       |     |             | 22.8 | 10.4    | 17.4                 |            | 77    | 13.0    | 15.0                   | 13.1                      | 10.4              | 21              | 5   |                                  |
| SEPTIEMBRE  |                       |                                       | 6.8 | 30          | 24.4 | 9.9     | 17.7                 |            | 72    | 12.0    | 14.2                   | 0.8                       | 0.6               | 4               | 2   |                                  |
| OCTUBRE     |                       | 26.2                                  | 5   | 8.8         | 7    | 23.9    | 10.5                 | 17.6       |       | 71      | 11.9                   | 14.0                      | 53.8              | 10.2            | 13  | 12                               |
| NOVIEMBRE   |                       |                                       |     |             | 22.5 | 10.0    | 16.6                 |            | 78    | 12.4    | 14.4                   | 134.8                     | 36.4              | 9               | 19  |                                  |
| DICIEMBRE   |                       |                                       |     |             | 22.4 | 9.9     | 16.9                 |            | 75    | 12.0    | 14.1                   | 36.6                      | 16.2              | 28              | 9   |                                  |
| VALOR ANUAL |                       |                                       |     |             | 23.4 | 11.0    | 17.5                 |            | 76    | 13.1    | 15.1                   | 547.6                     | 58.0              |                 |     |                                  |

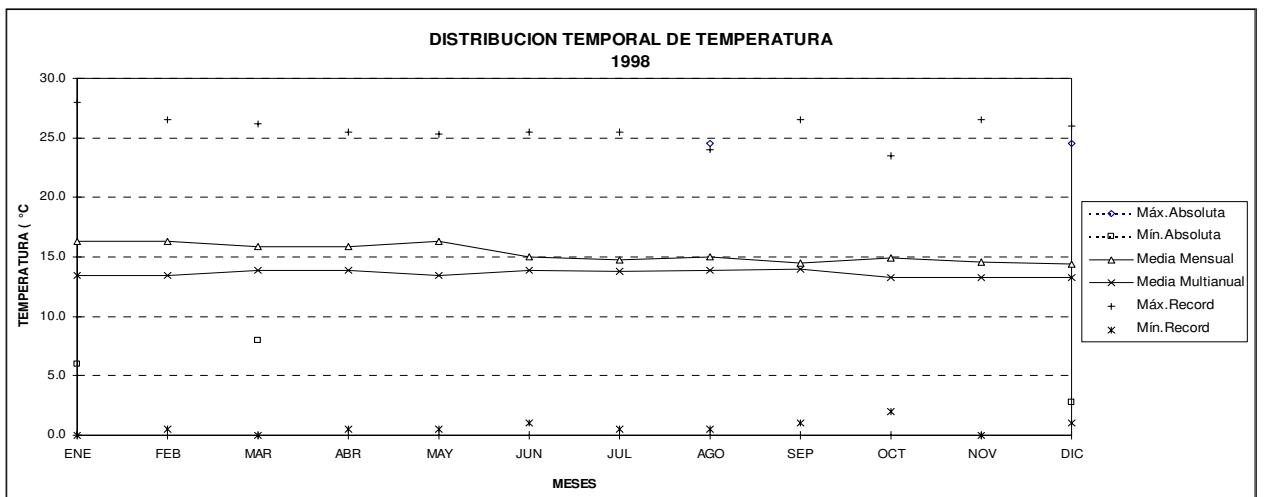
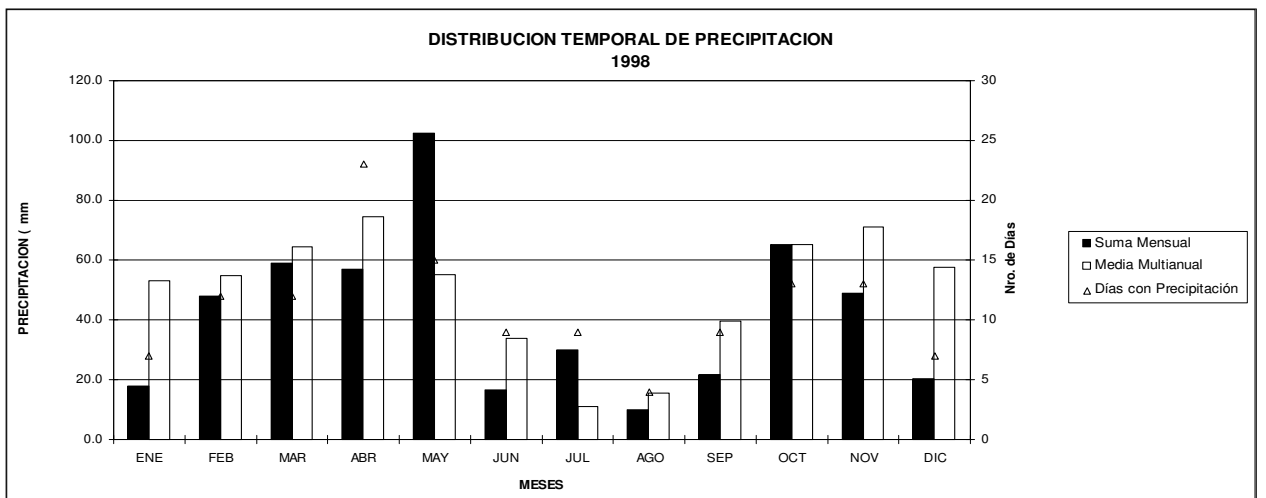
| MES         | EVAPORACION (mm) |                 | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |   |    |   |    |   |    |       |         |       |     | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |
|-------------|------------------|-----------------|-------------------------------|---|----|---|----|---|----|---|----|-------|---------|-------|-----|----------------------------------|---------------------------|
|             | Suma Mensual     | Máxima en 24hrs |                               | N                                       | NE | E | SE | S | SW | W | NW | CALMA | Nro OBS |       |     |                                  |                           |
|             | (m/s)            | (%)             |                               |   |    |   |    |   |    |   |    |       |         | (m/s) | (%) |                                  |                           |
| ENERO       |                  |                 | 4                             |   |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.2                       |
| FEBRERO     | 124.7            |                 | 5                             |   |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.9                       |
| MARZO       | 139.0            | 6.7             | 12                            | 5                                       |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.1                       |
| ABRIL       | 129.8            |                 | 5                             |   |    |   |    |   |    |   |    |       |         |       |     |                                  | 1.7                       |
| MAYO        | 132.4            | 8.6             | 22                            | 5                                       |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.0                       |
| JUNIO       | 140.3            | 7.0             | 18                            | 4                                       |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.4                       |
| JULIO       | 130.5            | 6.7             | 17                            | 4                                       |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.6                       |
| AGOSTO      | 142.7            | 7.2             | 19                            | 4                                       |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.5                       |
| SEPTIEMBRE  | 113.8            |                 | 4                             |   |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.4                       |
| OCTUBRE     | 139.3            |                 | 5                             |   |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.4                       |
| NOVIEMBRE   | 105.7            |                 | 5                             |   |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.0                       |
| DICIEMBRE   | 126.5            |                 | 5                             |   |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.1                       |
| VALOR ANUAL |                  |                 | 4                             |   |    |   |    |   |    |   |    |       |         |       |     |                                  | 2.2                       |



M111 MALCHINGUI INAMHI INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |     |        |     | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                 | Número de días con precipitación |     |    |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|-----|--------|-----|------------------------|---------------------------|-------------------|---------|-----------------|----------------------------------|-----|----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima               | día | Mínima | día |                        |                           | Media             | Mensual | Máxima en 24hrs |                                  | día |    |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |     |        |     |                        |                           |                   |         |                 |                                  |     |    |
| ENERO       | 219.1                 |                                       | 6.0    | 14          | 23.7   | 8.7     | 16.3                 |     |        | 77  | 11.7                   | 13.9                      | 17.8              | 9.7     | 10              | 7                                |     |    |
| FEBRERO     | 142.2                 |                                       |        |             | 22.8   | 10.5    | 16.3                 |     |        | 79  | 12.1                   | 14.2                      | 47.8              | 12.1    | 14              | 12                               |     |    |
| MARZO       | 124.0                 |                                       | 8.0    | 22          | 22.8   | 10.3    | 15.9                 | 98  | 2      | 42  | 5                      | 82                        | 12.5              | 14.6    | 58.9            | 20.3                             | 1   | 12 |
| ABRIL       | 136.1                 |                                       |        |             | 22.3   | 10.5    | 15.9                 |     |        | 86  | 13.3                   | 15.3                      | 56.8              | 13.8    | 13              | 23                               |     |    |
| MAYO        | 159.6                 |                                       |        |             | 22.3   |         | 16.3                 | 98  | 24     | 37  | 16                     | 76                        | 11.6              | 13.8    | 102.5           | 20.0                             | 31  | 15 |
| JUNIO       | 178.8                 |                                       |        |             | 21.8   | 8.5     | 15.0                 | 98  | 8      | 37  | 5                      | 76                        | 10.3              | 12.7    | 16.5            | 4.1                              | 18  | 9  |
| JULIO       | 195.5                 |                                       |        |             | 21.6   | 7.7     | 14.7                 | 98  | 17     | 32  | 25                     | 72                        | 9.0               | 11.6    | 29.9            | 6.1                              | 17  | 9  |
| AGOSTO      | 196.8                 | 24.5                                  | 1      |             | 22.4   | 8.2     | 15.0                 |     |        | 72  | 9.3                    | 11.8                      | 10.0              | 3.5     | 9               | 4                                |     |    |
| SEPTIEMBRE  | 172.4                 |                                       |        |             | 22.4   | 7.6     | 14.5                 |     |        | 76  | 9.8                    | 12.3                      | 21.6              | 6.8     | 19              | 9                                |     |    |
| OCTUBRE     | 172.7                 |                                       |        |             | 22.6   | 8.8     | 14.9                 |     |        | 76  | 10.2                   | 12.6                      | 65.3              | 17.1    | 21              | 13                               |     |    |
| NOVIEMBRE   | 185.3                 |                                       |        |             | 21.6   | 9.6     | 14.6                 |     |        | 84  | 11.6                   | 13.7                      | 48.8              | 11.8    | 5               | 13                               |     |    |
| DICIEMBRE   |                       | 24.5                                  | 5      | 2.8         | 22.1   | 7.5     | 14.4                 | 98  | 14     | 41  | 3                      | 79                        | 10.4              | 12.7    | 20.2            | 9.9                              | 11  | 7  |
| VALOR ANUAL |                       |                                       |        |             | 22.3   |         | 15.3                 |     |        | 77  | 10.9                   | 13.2                      | 496.1             | 20.3    |                 |                                  |     |    |

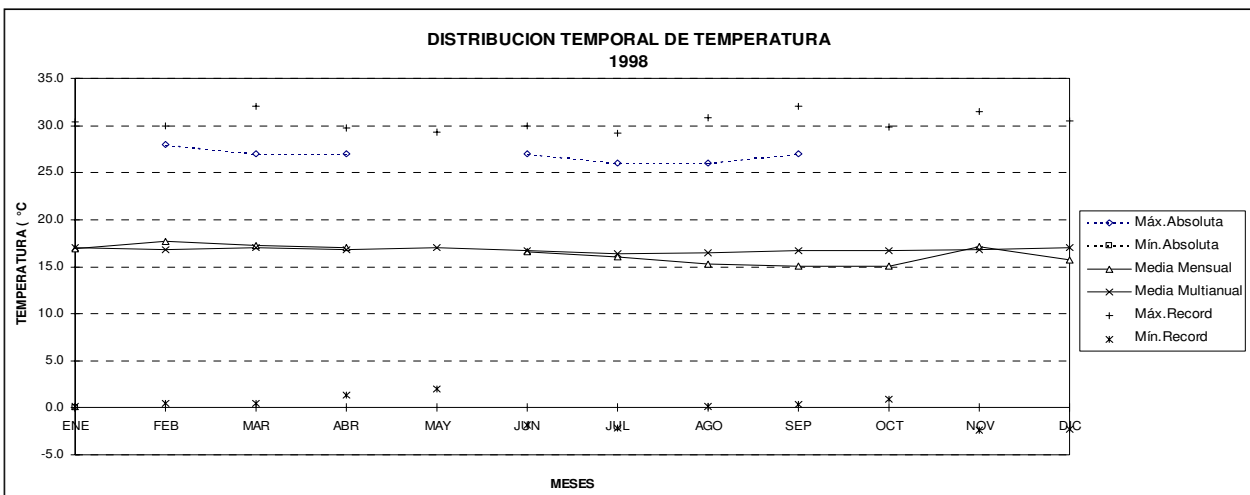
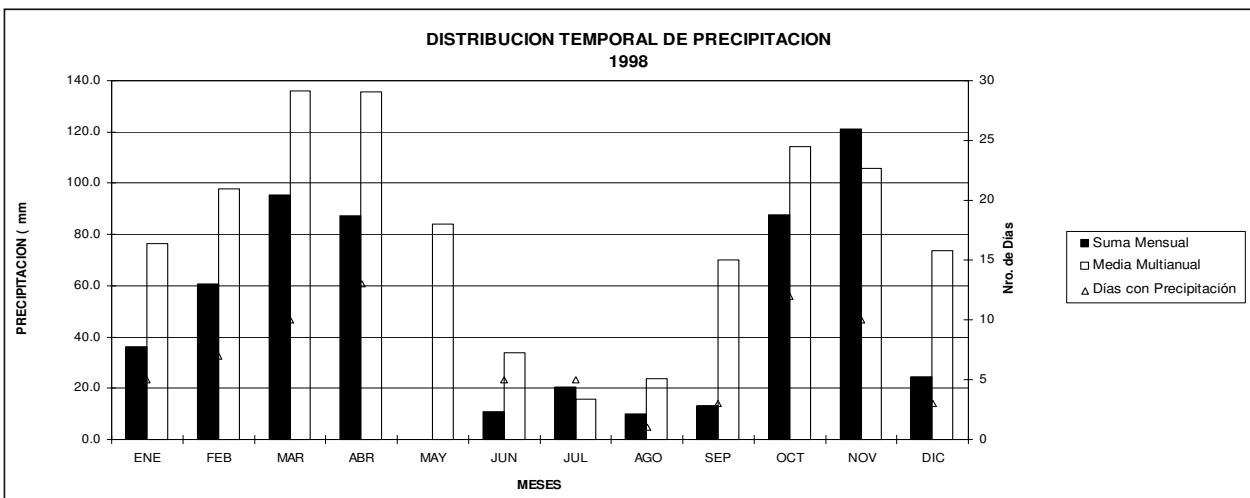
| MES         | EVAPORACION (mm) |                     |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |     |     |
|-------------|------------------|---------------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---------|----------------------------------|---------------------------|---------|-----|-----|
|             | Suma Mensual     | Máxima en 24hrs día |     |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA % |                                  |                           | Nro OBS |     |     |
|             |                  | (m/s)               | (%) |                               |   | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) |         |                                  |                           |         |     |     |
| ENERO       | 128.6            |                     |     | 5                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           | 3.9     |     |     |
| FEBRERO     | 98.6             |                     |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           | 3.5     |     |     |
| MARZO       | 97.6             |                     |     | 6                             | 4.8                                     | 9     | 3.7 | 14    | 2.7 | 3     | 4.1 | 20    | 3.0 | 2     | 2.0 | 1     | 3.3 | 3     | 5.1 | 17      | 30                               | 93                        | 10.0    | SE  | 2.8 |
| ABRIL       | 80.1             |                     |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         | 2.8 |     |
| MAYO        | 98.1             |                     |     | 5                             | 4.9                                     | 10    | 5.2 | 11    | 2.0 | 1     | 5.0 | 24    | 2.0 | 7     | 5.7 | 8     | 7.5 | 4     | 4.5 | 18      | 18                               | 93                        | 20.0    | SE  | 3.3 |
| JUNIO       | 93.2             |                     |     | 5                             | 2.7                                     | 3     | 3.7 | 17    | 4.7 | 7     | 5.2 | 17    | 2.0 | 4     | 5.0 | 2     | 4.7 | 3     | 4.1 | 24      | 22                               | 90                        | 18.0    | SE  | 3.8 |
| JULIO       | 121.4            | 8.5                 | 1   | 5                             | 4.0                                     | 2     | 4.8 | 11    | 2.0 | 2     | 6.4 | 34    | 3.0 | 2     | 0.0 | 0     | 2.0 | 1     | 4.3 | 28      | 19                               | 93                        | 20.0    | SE  | 4.2 |
| AGOSTO      | 120.4            | 7.3                 | 2   | 5                             | 4.6                                     | 8     | 4.4 | 14    | 2.0 | 2     | 5.7 | 34    | 2.0 | 1     | 6.7 | 3     | 0.0 | 0     | 4.0 | 18      | 19                               | 93                        | 20.0    | NW  | 4.1 |
| SEPTIEMBRE  | 91.1             |                     |     | 5                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         | 3.3 |     |
| OCTUBRE     | 111.5            |                     |     | 5                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         | 3.2 |     |
| NOVIEMBRE   | 118.9            |                     |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         | 3.5 |     |
| DICIEMBRE   | 122.2            | 6.0                 | 22  | 5                             | 6.5                                     | 7     | 3.7 | 13    | 2.0 | 4     | 2.2 | 18    | 2.0 | 2     | 0.0 | 0     | 3.3 | 3     | 4.9 | 33      | 19                               | 93                        | 16.0    | NW  | 3.7 |
| VALOR ANUAL | 1281.7           |                     |     | 5                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         | 3.5 |     |



**M114 TUMBACO INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        | HUMEDAD RELATIVA (%) |     |        |     | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |      |                 | Número de días con precipitación |     |         |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|----------------------|-----|--------|-----|------------------------|---------------------------|-------------------|------|-----------------|----------------------------------|-----|---------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        | Máxima               | día | Mínima | día |                        |                           | Media             | Suma | Máxima en 24hrs |                                  | día |         |
|             |                       | Máxima                                | día | Mínima      | día | Máxima |                      |     |        |     |                        |                           |                   |      |                 |                                  |     | Mensual |
| ENERO       |                       |                                       |     | 26.2        |     | 16.9   |                      |     |        | 87  | 14.5                   | 16.7                      | 36.1              | 16.4 | 7               | 5                                |     |         |
| FEBRERO     |                       | 28.0                                  | 9   | 26.6        |     | 17.7   |                      | 100 | 2      | 42  | 18                     | 84                        | 14.7              | 16.8 | 60.8            | 21.7                             | 8   | 7       |
| MARZO       |                       | 27.0                                  | 3   | 25.9        |     | 17.2   |                      | 100 | 1      | 52  | 3                      | 86                        | 14.6              | 16.7 | 95.5            | 22.9                             | 1   | 10      |
| ABRIL       |                       | 27.0                                  | 14  | 25.8        |     | 17.0   |                      | 100 | 1      | 33  | 9                      | 87                        | 14.5              | 16.6 | 87.3            | 26.4                             | 16  | 13      |
| MAYO        |                       |                                       |     |             |     |        |                      |     |        |     |                        |                           |                   |      |                 |                                  |     |         |
| JUNIO       |                       | 27.0                                  | 27  | 25.8        |     | 16.6   |                      | 100 | 1      | 51  | 7                      | 85                        | 13.9              | 16.0 | 10.8            | 4.0                              | 1   | 5       |
| JULIO       |                       | 26.0                                  | 1   | 25.8        |     | 16.0   |                      |     |        |     |                        | 83                        | 12.6              | 14.8 | 20.4            | 7.0                              | 9   | 5       |
| AGOSTO      |                       | 26.0                                  | 1   | 24.7        |     | 15.3   |                      |     |        |     |                        | 89                        | 13.3              | 15.4 | 10.0            | 10.0                             | 19  | 1       |
| SEPTIEMBRE  |                       | 27.0                                  | 16  | 25.4        |     | 15.1   |                      | 100 | 1      | 58  | 11                     | 91                        | 13.5              | 15.7 | 13.1            | 10.0                             | 16  | 3       |
| OCTUBRE     |                       |                                       |     |             |     |        |                      |     |        |     |                        |                           |                   |      | 87.9            | 16.2                             | 12  | 12      |
| NOVIEMBRE   |                       |                                       |     |             |     |        |                      |     |        |     |                        |                           |                   |      | 121.1           | 37.9                             | 5   | 10      |
| DICIEMBRE   |                       |                                       |     | 25.1        |     | 15.7   |                      |     |        |     |                        |                           |                   |      | 24.7            | 18.2                             | 5   | 3       |
| VALOR ANUAL |                       |                                       |     |             |     |        |                      |     |        |     |                        |                           |                   |      |                 |                                  |     |         |

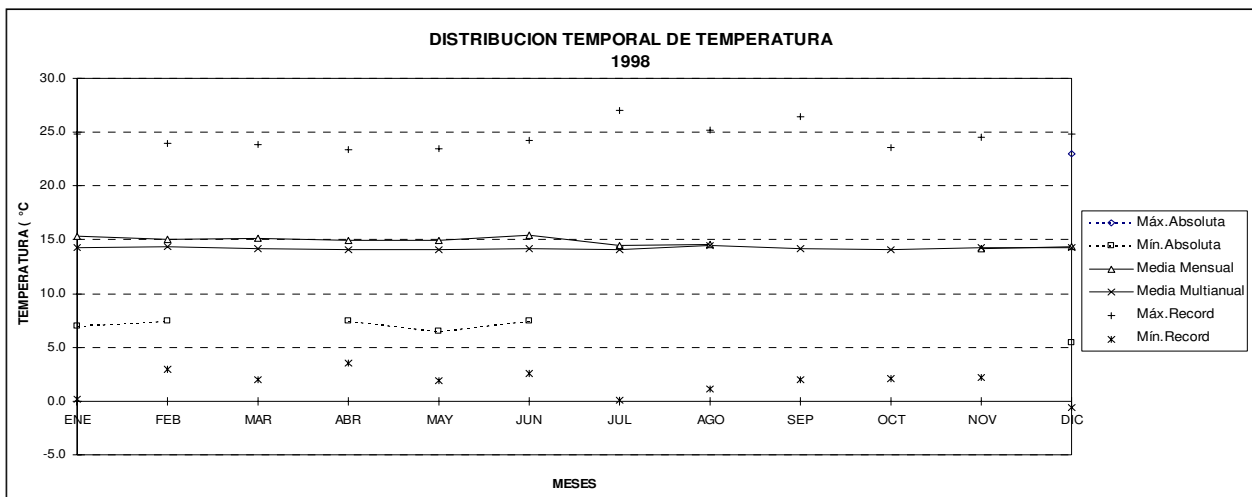
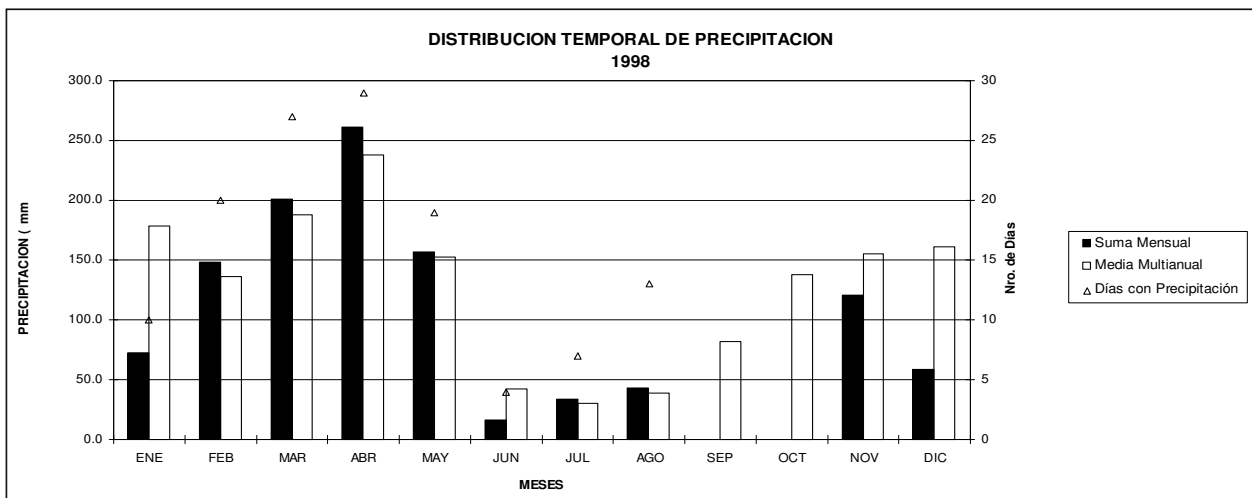
| MES         | EVAPORACION (mm) |                 | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |    |
|-------------|------------------|-----------------|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---------|----------------------------------|---------------------------|---------|----|
|             | Suma Mensual     | Máxima en 24hrs |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA % |                                  |                           | Nro OBS |    |
|             | (m/s)            | (%)             |                               |   | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) |         |                                  |                           |         |    |
| ENERO       |                  |                 | 5                             | 1.9                                     | 14    | 1.9 | 13    | 1.6 | 25    | 2.4 | 10    | 1.3 | 11    | 1.0 | 20    | 1.0 | 5     | 1.5 | 2       | 0                                | 93                        | 6.0     | SE |
| FEBRERO     |                  |                 | 6                             | 1.1                                     | 13    | 1.7 | 25    | 2.0 | 14    | 2.3 | 14    | 1.0 | 8     | 1.1 | 17    | 1.0 | 6     | 1.0 | 2       | 0                                | 84                        | 8.0     | SE |
| MARZO       |                  |                 | 6                             | 1.5                                     | 14    | 1.1 | 30    | 1.0 | 17    | 1.4 | 8     | 1.1 | 11    | 1.0 | 16    | 1.0 | 3     | 1.0 | 1       | 0                                | 93                        | 3.0     | N  |
| ABRIL       |                  |                 | 6                             | 1.4                                     | 16    | 1.4 | 24    | 1.1 | 12    | 1.1 | 9     | 1.0 | 12    | 1.0 | 14    | 1.0 | 2     | 1.0 | 9       | 1                                | 90                        | 6.0     | NE |
| MAYO        |                  |                 |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |    |
| JUNIO       |                  |                 | 5                             | 1.0                                     | 8     | 1.2 | 24    | 1.8 | 18    | 2.2 | 18    | 1.9 | 10    | 1.4 | 14    | 1.0 | 4     | 0.0 | 0       | 3                                | 90                        | 8.0     | S  |
| JULIO       |                  |                 | 5                             | 1.7                                     | 8     | 1.1 | 18    | 2.2 | 28    | 3.2 | 14    | 1.8 | 11    | 1.0 | 17    | 1.0 | 2     | 1.0 | 2       | 0                                | 93                        | 8.0     | SE |
| AGOSTO      |                  |                 | 5                             | 1.6                                     | 10    | 2.5 | 24    | 2.6 | 25    | 2.9 | 14    | 1.0 | 10    | 1.0 | 16    | 1.0 | 2     | 0.0 | 0       | 0                                | 93                        | 8.0     | NE |
| SEPTIEMBRE  |                  |                 | 5                             | 1.8                                     | 10    | 2.1 | 30    | 2.0 | 23    | 2.1 | 8     | 1.0 | 4     | 1.1 | 20    | 1.0 | 3     | 2.0 | 1       | 0                                | 90                        | 6.0     | NE |
| OCTUBRE     |                  |                 |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |    |
| NOVIEMBRE   |                  |                 | 6                             | 1.0                                     | 13    | 1.6 | 42    | 1.8 | 13    | 1.6 | 6     | 1.0 | 4     | 1.2 | 10    | 1.0 | 4     | 1.8 | 7       | 0                                | 90                        | 5.0     | NE |
| DICIEMBRE   |                  |                 | 5                             | 1.2                                     | 11    | 1.5 | 23    | 1.1 | 14    | 1.0 | 4     | 1.3 | 23    | 1.0 | 14    | 1.0 | 10    | 1.0 | 2       | 0                                | 93                        | 5.0     | S  |
| VALOR ANUAL |                  |                 |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |    |



M118 INIAP-SUPLEMENTARIA PORCINOS INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |        |         | HUMEDAD RELATIVA (%) |      |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|-----|-------------|--------|---------|----------------------|------|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |        |         | Máxima               | día  | Mínima | día | Media |                        |                           | Suma              | Máxima en 24hrs | día  |                                  |
|             |                       | Máxima                                | día | Máxima      | Mínima | Mensual |                      |      |        |     |       |                        |                           |                   |                 |      |                                  |
| ENERO       | 187.8                 | 7.0                                   | 12  | 8.8         | 15.3   | 98      | 17                   | 53   | 23     | 85  | 12.7  | 14.9                   | 72.2                      | 16.1              | 18              | 10   |                                  |
| FEBRERO     | 118.4                 | 7.5                                   | 1   | 20.4        | 8.7    | 15.0    | 98                   | 1    | 58     | 6   | 87    | 12.8                   | 14.8                      | 148.6             | 23.2            | 9    | 20                               |
| MARZO       | 119.9                 |                                       |     | 20.9        | 8.7    | 15.1    | 98                   | 2    | 69     | 29  | 89    | 13.2                   | 15.4                      | 200.6             | 19.9            | 19   | 27                               |
| ABRIL       | 102.0                 | 7.5                                   | 3   | 20.2        | 9.1    | 14.9    | 98                   | 13   | 67     | 18  | 87    | 12.7                   | 14.8                      | 260.8             | 25.2            | 11   | 29                               |
| MAYO        | 153.3                 | 6.5                                   | 1   | 20.9        | 8.8    | 14.9    | 98                   | 4    | 58     | 7   | 86    | 12.5                   | 14.6                      | 156.7             | 28.1            | 3    | 19                               |
| JUNIO       | 171.3                 | 7.5                                   | 4   | 20.5        | 8.7    | 15.4    | 98                   | 2    | 68     | 30  | 87    | 13.2                   | 15.4                      | 16.2              | 8.1             | 1    | 4                                |
| JULIO       | 178.8                 |                                       |     | 20.4        | 8.4    | 14.5    | 98                   | 16   | 62     | 26  | 86    | 12.2                   | 14.4                      | 33.3              | 14.0            | 10   | 7                                |
| AGOSTO      | 167.5                 |                                       |     | 21.1        | 8.5    | 14.6    | 96                   | 3    | 51     | 2   | 86    | 12.1                   | 14.4                      | 42.8              | 8.5             | 9    | 13                               |
| SEPTIEMBRE  | 188.9                 |                                       |     |             |        |         |                      |      |        |     |       |                        |                           |                   |                 |      |                                  |
| OCTUBRE     |                       |                                       |     |             |        |         |                      |      |        |     |       |                        |                           |                   |                 |      |                                  |
| NOVIEMBRE   |                       |                                       |     | 20.5        |        | 14.2    |                      |      |        |     |       |                        | 120.9                     |                   |                 |      |                                  |
| DICIEMBRE   | 208.5                 | 23.0                                  | 4   | 5.5         | 3      | 20.9    | 7.7                  | 14.4 | 98     | 6   | 56    | 29                     | 86                        | 12.1              | 14.4            | 58.6 |                                  |
| VALOR ANUAL |                       |                                       |     |             |        |         |                      |      |        |     |       |                        |                           |                   |                 |      |                                  |

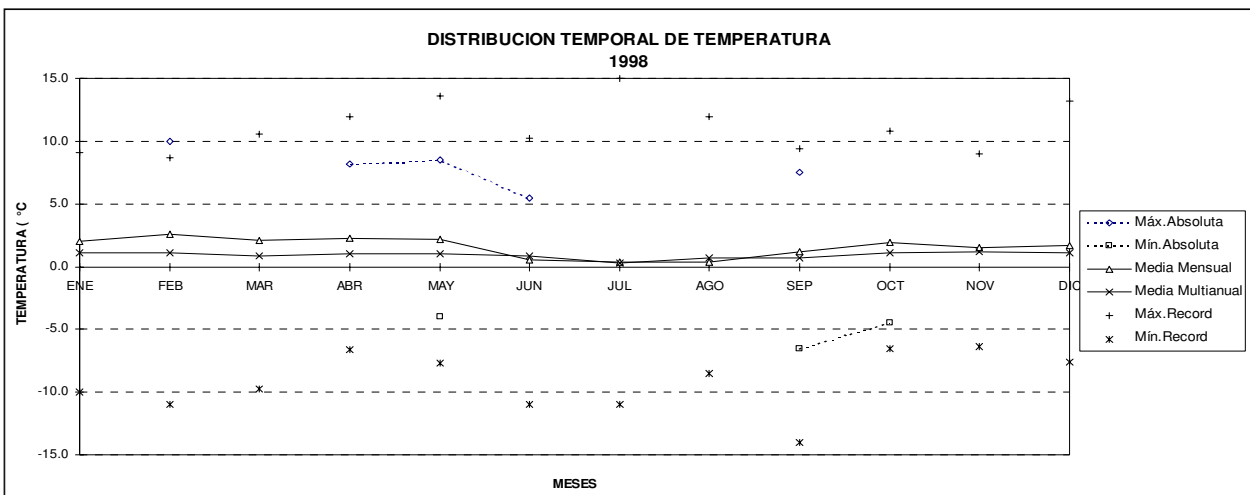
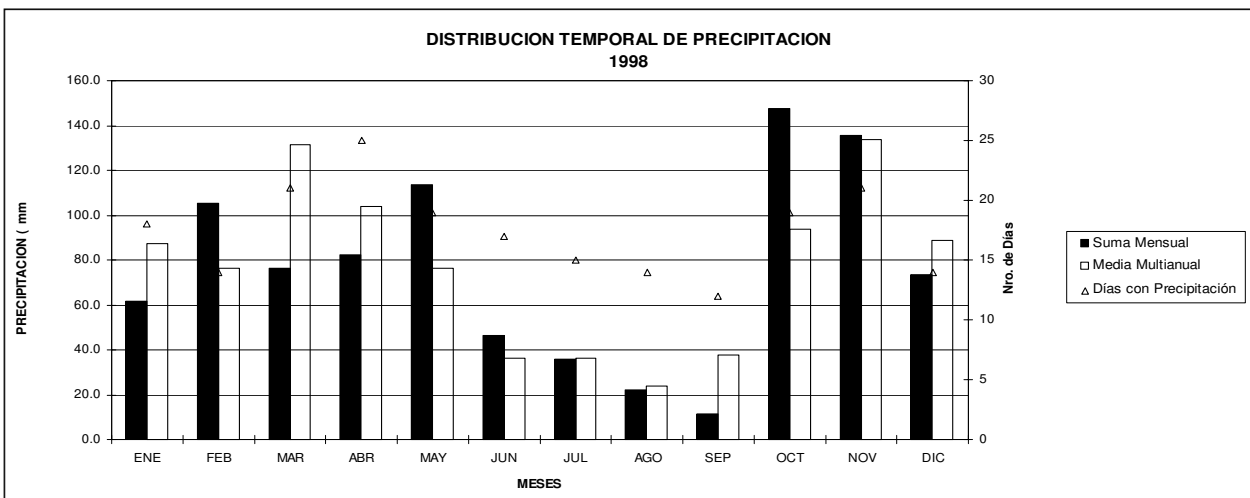
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |   |    |   |    |   |    |       |         |       |   |       |     | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |
|-------------|------------------|-----------------|-----|-------------------------------|---|----|---|----|---|----|---|----|-------|---------|-------|---|-------|-----|----------------------------------|---------------------------|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE | E | SE | S | SW | W | NW | CALMA | Nro OBS |       |   |       |     |                                  |                           |
|             |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         | (m/s) | % | (m/s) | %   |                                  |                           |
| ENERO       |                  |                 |     | 5                             |   |    |   |    |   |    |   |    |       |         |       |   |       | 1.5 |                                  |                           |
| FEBRERO     | 64.0             |                 |     | 6                             |   |    |   |    |   |    |   |    |       |         |       |   |       | 0.5 |                                  |                           |
| MARZO       | 66.3             | 5.8             | 28  | 7                             |   |    |   |    |   |    |   |    |       |         |       |   |       | 1.1 |                                  |                           |
| ABRIL       | 57.6             | 7.1             | 1   | 7                             |   |    |   |    |   |    |   |    |       |         |       |   |       | 0.5 |                                  |                           |
| MAYO        | 110.0            | 8.0             | 12  | 6                             |   |    |   |    |   |    |   |    |       |         |       |   |       | 1.4 |                                  |                           |
| JUNIO       | 132.7            | 6.0             | 3   | 5                             |   |    |   |    |   |    |   |    |       |         |       |   |       | 0.8 |                                  |                           |
| JULIO       |                  |                 |     | 5                             |   |    |   |    |   |    |   |    |       |         |       |   |       | 2.0 |                                  |                           |
| AGOSTO      |                  |                 |     | 5                             |   |    |   |    |   |    |   |    |       |         |       |   |       | 3.6 |                                  |                           |
| SEPTIEMBRE  |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |     |                                  |                           |
| OCTUBRE     |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |     |                                  |                           |
| NOVIEMBRE   |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |     |                                  |                           |
| DICIEMBRE   |                  |                 |     | 6                             |   |    |   |    |   |    |   |    |       |         |       |   |       | 0.7 |                                  |                           |
| VALOR ANUAL |                  |                 |     |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |     |                                  |                           |



M121 EL REFUGIO-COTOPAXI INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |      |        |     | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |       |                    | Número<br>de días con<br>precipitación |       |      |    |    |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------|--------|-----|---------------------------|------------------------------|-------------------|-------|--------------------|--|-------|------|----|----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima               | día  | Mínima | día |                           |                              | Media             | Suma  | Máxima en<br>24hrs |  | día   |      |    |    |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |      |        |     |                           |                              |                   |       |                    |  |       |      |    |    |
| ENERO       |                       |                                       |        | 5.9         | -1.6   | 2.0     |                      |      |        | 91  | 0.6                       | 6.4                          | 61.7              | 23.4  | 8                  | 18                                     |       |      |    |    |
| FEBRERO     |                       | 10.0                                  | 17     | 6.6         | -1.2   | 2.6     | 100                  | 22   | 56     | 16  | 90                        | 1.1                          | 6.7               | 105.4 | 22.0               | 20                                     | 14    |      |    |    |
| MARZO       |                       |                                       |        | 5.6         | -1.5   | 2.1     |                      |      |        | 93  | 1.1                       | 6.6                          | 76.3              | 15.0  | 1                  | 21                                     |       |      |    |    |
| ABRIL       |                       | 8.2                                   | 25     | 6.5         | -1.3   | 2.3     |                      |      |        | 92  | 1.1                       | 6.6                          | 82.4              | 16.0  | 15                 | 25                                     |       |      |    |    |
| MAYO        |                       | 8.5                                   | 16     | -4.0        | 18     | 6.0     | -1.6                 | 2.2  |        | 90  | 0.7                       | 6.5                          | 113.5             | 18.0  | 27                 | 19                                     |       |      |    |    |
| JUNIO       |                       | 5.5                                   | 3      | 4.2         | -3.2   | 0.5     |                      |      |        | 92  | -0.6                      | 5.9                          | 46.6              | 14.0  | 2                  | 17                                     |       |      |    |    |
| JULIO       |                       |                                       |        | 3.9         | -2.8   | 0.4     | 100                  | 2    | 66     | 14  | 91                        | -0.9                         | 5.7               | 35.8  | 8.5                | 11                                     | 15    |      |    |    |
| AGOSTO      |                       |                                       |        | 4.6         | -2.9   | 0.4     |                      |      |        | 92  | -0.8                      | 5.8                          | 22.1              | 8.4   | 6                  | 14                                     |       |      |    |    |
| SEPTIEMBRE  |                       | 7.5                                   | 13     | -6.5        | 11     | 4.6     | -2.9                 | 1.2  | 100    | 1   | 50                        | 11                           | 91                | -0.1  | 6.1                | 11.7                                   | 4.8   | 4    | 12 |    |
| OCTUBRE     |                       |                                       |        |             | -4.5   | 7       | 6.0                  | -2.3 | 1.9    | 100 | 14                        | 73                           | 14                | 92    | 0.7                | 6.5                                    | 147.6 | 20.0 | 26 | 19 |
| NOVIEMBRE   |                       |                                       |        | 5.4         | -2.3   | 1.5     | 100                  | 1    | 78     | 29  | 94                        | 0.7                          | 6.4               | 135.8 | 25.8               | 23                                     | 21    |      |    |    |
| DICIEMBRE   |                       |                                       |        | 5.7         | -2.2   | 1.7     | 100                  | 25   | 74     | 6   | 93                        | 0.7                          | 6.4               | 73.5  | 25.0               | 5                                      | 14    |      |    |    |
| VALOR ANUAL |                       |                                       |        | 5.4         | -2.1   | 1.5     |                      |      |        | 91  | 0.3                       | 6.3                          | 912.4             | 25.8  |                    |  |       |      |    |    |

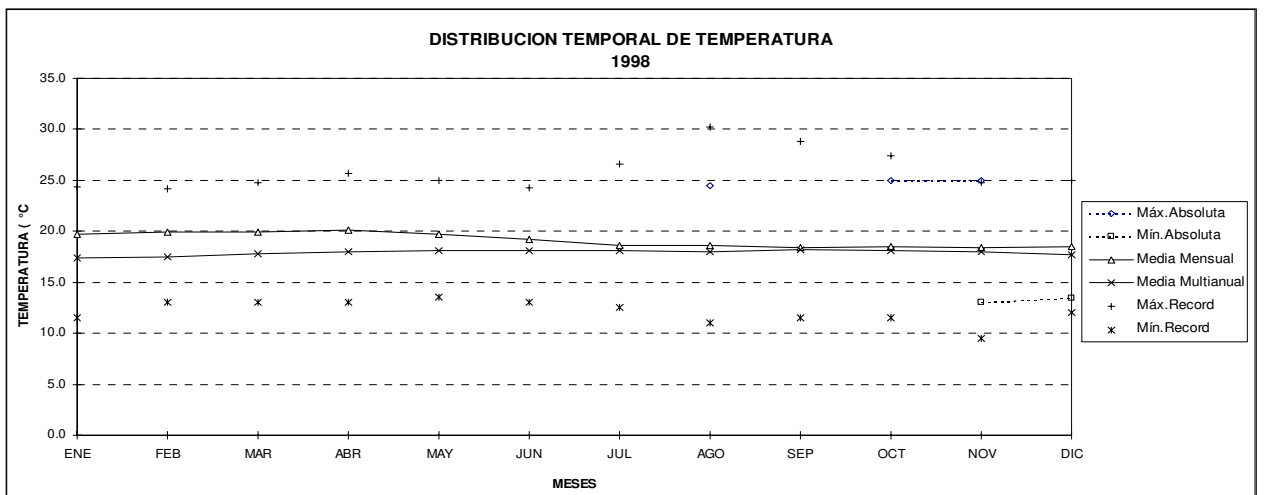
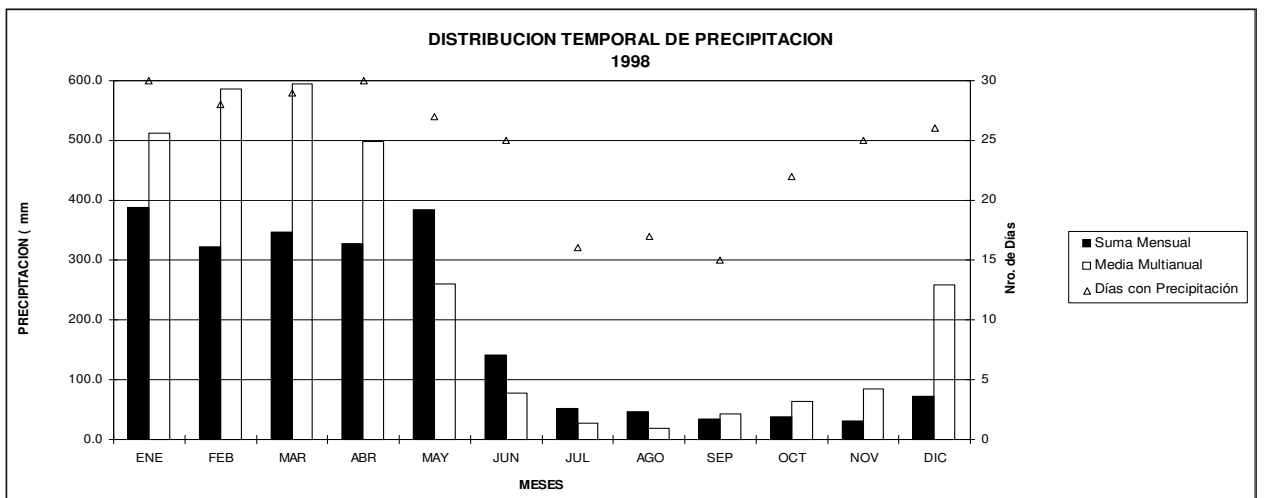
| MES         | EVAPORACION (mm) |                    |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |   |   |       |   |   |       |   |   |    |       |            |       | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |
|-------------|------------------|--------------------|-----|-------------------------------|---|-------|---|---|-------|---|---|-------|---|---|----|-------|------------|-------|---------------------------------|------------------------------|
|             | Suma<br>Mensual  | Máxima en<br>24hrs | día |                               | N                                       | NE    |   | E | SE    |   | S | SW    |   | W | NW | CALMA | Nro<br>OBS |       |                                 |                              |
|             |                  |                    |     |                               |   | (m/s) | % |   | (m/s) | % |   | (m/s) | % |   |    |       |            | (m/s) |                                 |                              |
| ENERO       | 64.8             | 6.0                | 2   | 4                             |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| FEBRERO     |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| MARZO       |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| ABRIL       |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| MAYO        |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| JUNIO       |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| JULIO       |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| AGOSTO      |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| SEPTIEMBRE  |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| OCTUBRE     |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| NOVIEMBRE   |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| DICIEMBRE   |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |
| VALOR ANUAL |                  |                    |     | 4                             |   |       |   |   |       |   |   |       |   |   |    |       |            |       |                                 |                              |



M123 EL CORAZON INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |             |        |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|------|-------------|--------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |      | M E D I A S |        |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | día  | Máxima      | Mínima | Mensual |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |
| ENERO       |                       |                                       |      | 23.6        | 16.5   | 19.7    | 100                  | 13  | 89     | 1   | 96    | 19.1                   | 22.3                      | 387.1             | 48.8            | 6   | 30                               |
| FEBRERO     |                       |                                       |      | 24.1        | 16.4   | 19.9    | 100                  | 16  | 86     | 12  | 96    | 19.2                   | 22.6                      | 322.7             | 56.4            | 7   | 28                               |
| MARZO       |                       |                                       |      | 24.3        | 16.6   | 19.9    |                      |     |        |     | 95    | 19.2                   | 22.6                      | 346.7             | 41.0            | 3   | 29                               |
| ABRIL       |                       |                                       |      | 24.5        | 16.7   | 20.1    | 100                  | 8   | 89     | 28  | 96    | 19.5                   | 22.9                      | 327.4             | 47.0            | 5   | 30                               |
| MAYO        |                       |                                       |      | 24.0        | 16.3   | 19.7    | 98                   | 20  | 89     | 5   | 96    | 19.1                   | 22.4                      | 385.2             | 103.0           | 26  | 27                               |
| JUNIO       |                       |                                       |      | 23.2        | 16.0   | 19.2    |                      |     |        |     | 96    | 18.6                   | 21.7                      | 140.7             | 31.2            | 10  | 25                               |
| JULIO       |                       |                                       |      | 22.3        | 15.5   | 18.6    |                      |     |        |     | 96    | 18.0                   | 20.8                      | 51.4              | 15.2            | 11  | 16                               |
| AGOSTO      | 24.5                  | 11                                    |      | 22.6        | 15.0   | 18.6    | 100                  | 6   | 91     | 17  | 96    | 18.0                   | 20.9                      | 45.8              | 15.5            | 13  | 17                               |
| SEPTIEMBRE  |                       |                                       |      | 22.5        | 14.6   | 18.4    | 100                  | 28  | 89     | 9   | 96    | 17.8                   | 20.6                      | 34.3              | 9.2             | 9   | 15                               |
| OCTUBRE     | 25.0                  | 20                                    |      | 22.9        | 14.3   | 18.5    | 98                   | 1   | 80     | 20  | 96    | 17.9                   | 20.7                      | 37.1              | 8.5             | 1   | 22                               |
| NOVIEMBRE   | 25.0                  | 12                                    | 13.0 | 22.7        | 14.2   | 18.4    | 98                   | 3   | 82     | 27  | 96    | 17.8                   | 20.6                      | 31.5              | 4.5             | 21  | 25                               |
| DICIEMBRE   |                       |                                       | 13.5 | 22.7        | 14.5   | 18.5    | 98                   | 26  | 89     | 10  | 96    | 17.8                   | 20.7                      | 73.1              | 11.9            | 18  | 26                               |
| VALOR ANUAL |                       |                                       |      | 23.2        | 15.5   | 19.1    |                      |     |        |     | 95    | 18.5                   | 21.5                      | 2183.0            | 103.0           |     |                                  |

| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |       |   |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---------|----------------------------------|---------------------------|---------|-------|---|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA % |                                  |                           | Nro OBS |       |   |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   |         |                                  |                           |         | (m/s) | % |
| ENERO       |                  |                 |     | 6                             | 4.7                                     | 3     | 5.0 | 11    | 5.2 | 32    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 6.0 | 1     | 5.3 | 3       | 50                               | 93                        | 8.0     | E     |   |
| FEBRERO     |                  |                 |     | 6                             | 5.0                                     | 2     | 4.2 | 12    | 4.7 | 39    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 4.0 | 2     | 4.4 | 84      |                                  |                           | 6.0     | E     |   |
| MARZO       |                  |                 |     | 7                             | 6.0                                     | 1     | 4.7 | 10    | 5.3 | 39    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 5.0 | 90      |                                  |                           | 6.0     | E     |   |
| ABRIL       |                  |                 |     | 6                             | 6.0                                     | 1     | 4.6 | 11    | 5.2 | 46    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 6.0 | 1     | 4.1 | 93      |                                  |                           | 6.0     | N     |   |
| MAYO        |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |
| JUNIO       |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |
| JULIO       |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |
| AGOSTO      |                  |                 |     | 4                             | 4.7                                     | 3     | 4.2 | 12    | 5.0 | 38    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 4.7 | 93      |                                  |                           | 8.0     | E     |   |
| SEPTIEMBRE  |                  |                 |     | 5                             | 5.0                                     | 2     | 4.7 | 10    | 5.0 | 40    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 4.8 | 90      |                                  |                           | 6.0     | E     |   |
| OCTUBRE     |                  |                 |     | 5                             | 4.0                                     | 2     | 4.4 | 11    | 5.4 | 38    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 5.0 | 93      |                                  |                           | 8.0     | E     |   |
| NOVIEMBRE   |                  |                 |     | 5                             | 4.7                                     | 3     | 4.6 | 8     | 5.2 | 37    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 4.0 | 1     | 5.1 | 90      |                                  |                           | 6.0     | E     |   |
| DICIEMBRE   |                  |                 |     | 5                             | 5.0                                     | 2     | 4.8 | 5     | 5.1 | 40    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 5.3 | 93      |                                  |                           | 6.0     | E     |   |
| VALOR ANUAL |                  |                 |     | 5                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |

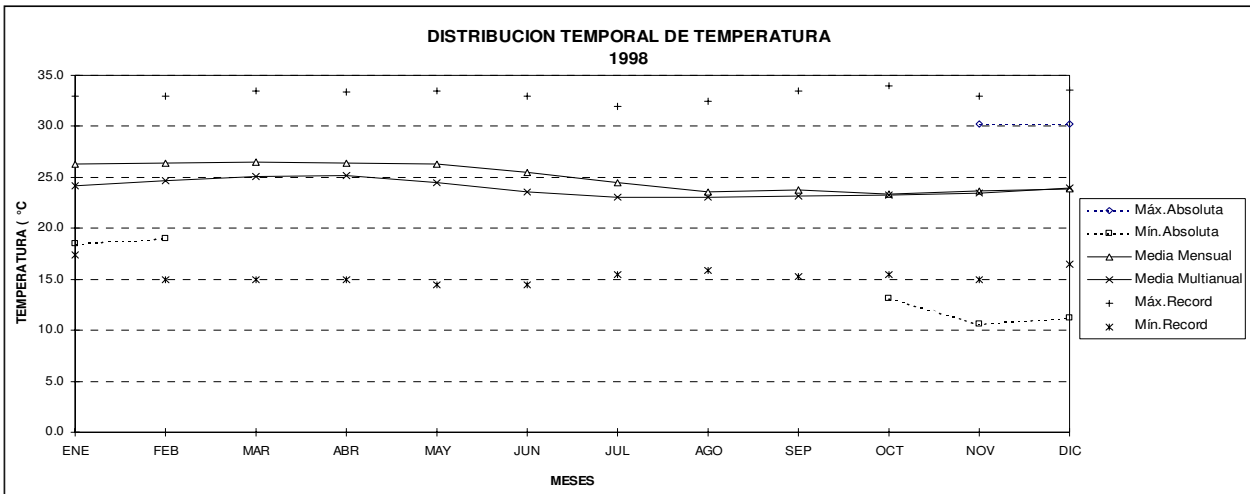
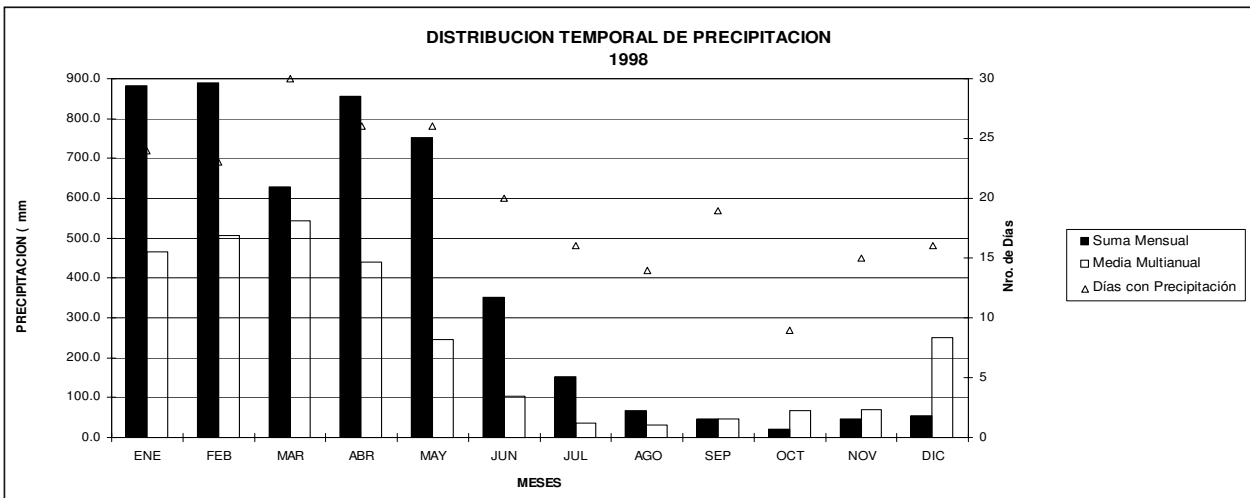




**M124 SAN JUAN LA MANA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |        | HUMEDAD RELATIVA (%) |      |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |         |    |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|--------|----------------------|------|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|---------|----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |        | Máxima               | día  | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día  |                                  |         |    |
|             |                       | Máxima                                | Mínima | día         | Máxima | Mínima |                      |      |        |     |       |                        |                           |                   |                 |      |                                  | Mensual |    |
| ENERO       | 116.8                 | 18.5                                  | 5      | 30.7        | 22.1   | 26.3   | 98                   | 6    | 60     | 23  | 88    | 24.1                   | 30.1                      | 881.0             | 145.0           | 15   | 24                               |         |    |
| FEBRERO     | 80.1                  | 19.0                                  | 14     | 30.8        | 22.1   | 26.4   | 98                   | 4    | 68     | 24  | 88    | 24.2                   | 30.2                      | 888.5             | 139.0           | 17   | 23                               |         |    |
| MARZO       | 110.6                 |                                       |        | 31.1        | 21.3   | 26.5   | 98                   | 6    | 64     | 21  | 88    | 24.1                   | 30.1                      | 629.1             | 73.2            | 13   | 30                               |         |    |
| ABRIL       | 104.7                 |                                       |        | 30.6        | 20.7   | 26.4   | 98                   | 6    | 68     | 16  | 87    | 24.0                   | 30.0                      | 854.9             | 152.0           | 12   | 26                               |         |    |
| MAYO        | 90.2                  |                                       |        | 30.5        | 19.7   | 26.3   | 98                   | 16   | 63     | 5   | 87    | 23.7                   | 29.4                      | 753.3             | 106.8           | 26   | 26                               |         |    |
| JUNIO       | 66.9                  |                                       |        | 28.9        | 17.8   | 25.5   | 98                   | 5    | 63     | 1   | 87    | 23.1                   | 28.3                      | 352.0             | 110.0           | 3    | 20                               |         |    |
| JULIO       | 44.9                  |                                       |        | 27.7        | 16.9   | 24.5   | 98                   | 3    | 69     | 1   | 89    | 22.5                   | 27.2                      | 153.3             | 36.8            | 1    | 16                               |         |    |
| AGOSTO      | 24.9                  |                                       |        | 26.5        | 17.2   | 23.6   |                      |      |        |     | 89    | 21.7                   | 25.9                      | 67.0              | 18.6            | 14   | 14                               |         |    |
| SEPTIEMBRE  | 25.3                  |                                       |        | 26.5        |        | 23.8   |                      |      |        |     | 89    | 21.8                   | 26.1                      | 46.2              | 4.8             | 13   | 19                               |         |    |
| OCTUBRE     | 42.3                  | 13.2                                  | 19     | 26.3        | 16.3   | 23.4   |                      |      |        |     | 87    | 21.0                   | 24.9                      | 19.7              | 7.8             | 18   | 9                                |         |    |
| NOVIEMBRE   | 38.9                  | 30.2                                  | 18     | 10.6        | 8      | 26.6   | 15.3                 | 23.7 | 98     | 3   | 65    | 7                      | 86                        | 21.2              | 25.2            | 46.6 | 13.3                             | 18      | 15 |
| DICIEMBRE   | 61.2                  | 30.2                                  | 2      | 11.2        | 15     | 27.3   | 16.1                 | 23.9 |        |     | 85    | 21.1                   | 25.1                      | 54.2              | 15.0            | 16   | 16                               |         |    |
| VALOR ANUAL | 806.8                 |                                       |        | 28.6        |        | 25.0   |                      |      |        |     | 87    | 22.7                   | 27.7                      | 4745.8            | 152.0           |      |                                  |         |    |

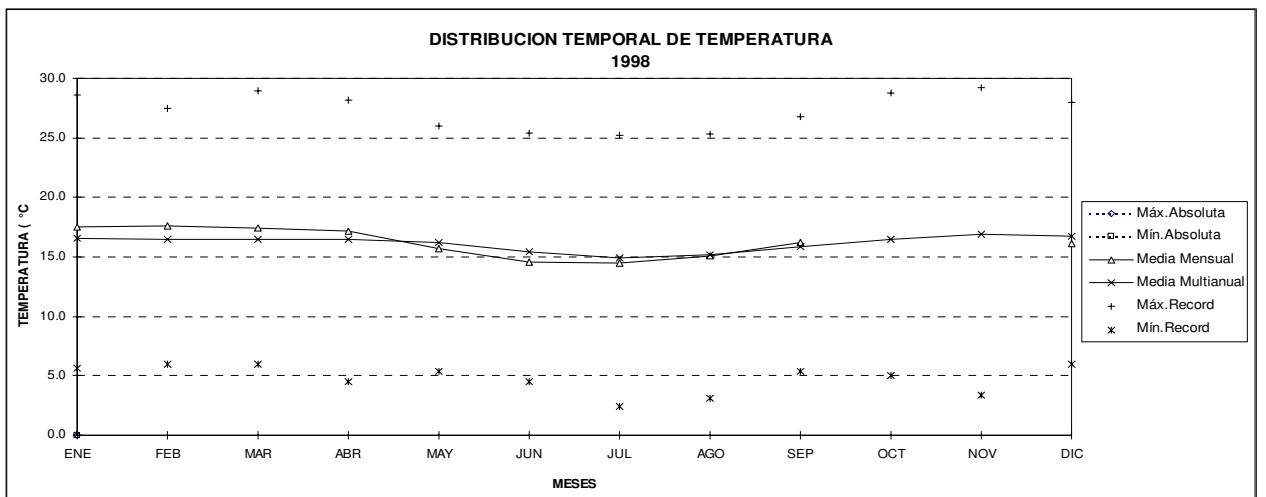
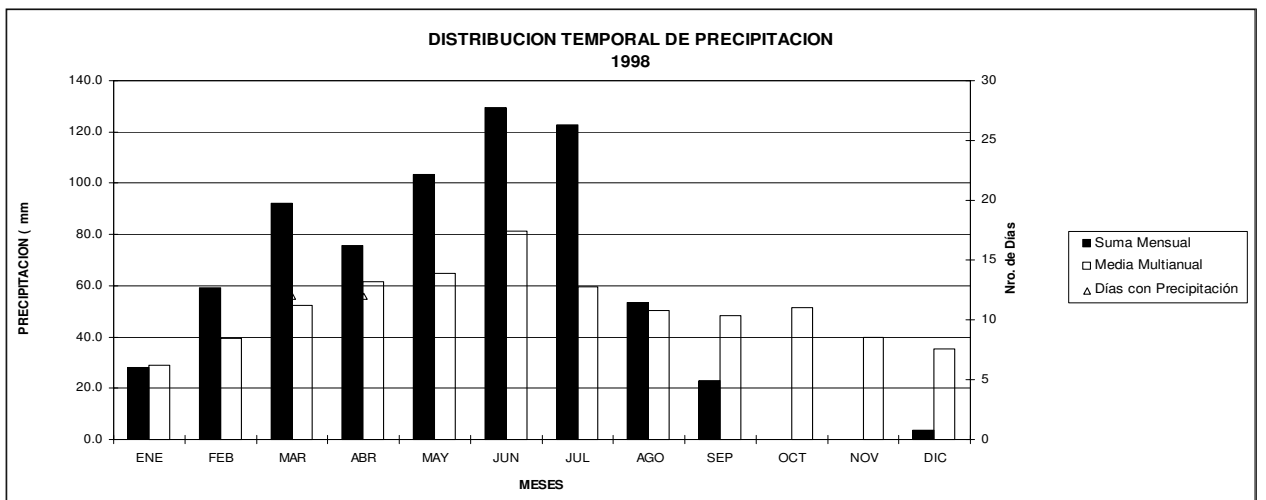
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |    |     |       |     |    |       |    |         |         |       |   | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |       |    |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|----|-------|----|-----|-------|-----|----|-------|----|---------|---------|-------|---|----------------------------------|---------------------------|-------|----|
|             | Mensual          | Máxima en 24hrs | día |                               | N                                       | NE    |     | E  | SE    |    | S   | SW    |     | W  | NW    |    | CALMA % | Nro OBS |       |   |                                  |                           |       |    |
|             |                  |                 |     |                               |   | (m/s) | %   |    | (m/s) | %  |     | (m/s) | %   |    | (m/s) | %  |         |         | (m/s) | % |                                  |                           | (m/s) | %  |
| ENERO       |                  |                 |     | 6                             | 1.6                                     | 8     | 1.4 | 8  | 1.6   | 12 | 1.4 | 10    | 1.6 | 9  | 0.0   | 0  | 1.6     | 15      | 1.0   | 1 | 39                               | 93                        | 3.0   | W  |
| FEBRERO     |                  |                 |     | 6                             | 1.3                                     | 4     | 1.3 | 8  | 1.6   | 11 | 1.7 | 8     | 1.8 | 7  | 1.5   | 2  | 2.0     | 13      | 1.8   | 6 | 41                               | 84                        | 3.0   | E  |
| MARZO       |                  |                 |     | 6                             | 1.4                                     | 5     | 1.7 | 13 | 1.6   | 5  | 1.8 | 12    | 1.1 | 8  | 0.0   | 0  | 2.2     | 14      | 0.0   | 0 | 43                               | 93                        | 3.0   | NE |
| ABRIL       |                  |                 |     | 6                             | 1.9                                     | 8     | 2.7 | 7  | 2.0   | 11 | 1.6 | 11    | 1.3 | 8  | 0.0   | 0  | 2.0     | 21      | 0.0   | 0 | 34                               | 90                        | 4.0   | NE |
| MAYO        |                  |                 |     | 5                             | 2.3                                     | 3     | 1.6 | 10 | 1.5   | 14 | 1.5 | 13    | 1.5 | 7  | 0.0   | 0  | 2.4     | 14      | 0.0   | 0 | 40                               | 93                        | 3.0   | W  |
| JUNIO       |                  |                 |     | 6                             | 1.6                                     | 6     | 1.3 | 7  | 1.8   | 7  | 1.6 | 13    | 1.7 | 7  | 0.0   | 0  | 1.8     | 16      | 0.0   | 0 | 46                               | 90                        | 3.0   | S  |
| JULIO       |                  |                 |     | 6                             | 1.8                                     | 7     | 1.6 | 5  | 1.7   | 10 | 1.4 | 24    | 2.7 | 3  | 0.0   | 0  | 1.6     | 15      | 0.0   | 0 | 37                               | 93                        | 3.0   | W  |
| AGOSTO      |                  |                 |     | 6                             | 2.0                                     | 4     | 1.5 | 4  | 2.0   | 1  | 1.2 | 29    | 1.3 | 4  | 0.0   | 0  | 1.6     | 15      | 0.0   | 0 | 42                               | 93                        | 3.0   | W  |
| SEPTIEMBRE  |                  |                 |     | 6                             | 1.6                                     | 12    | 1.4 | 6  | 1.7   | 3  | 1.4 | 20    | 1.3 | 4  | 0.0   | 0  | 1.8     | 13      | 0.0   | 0 | 41                               | 90                        | 3.0   | E  |
| OCTUBRE     |                  |                 |     | 6                             | 1.5                                     | 4     | 1.1 | 8  | 1.7   | 3  | 1.3 | 19    | 1.2 | 10 | 0.0   | 0  | 1.4     | 15      | 0.0   | 0 | 41                               | 93                        | 3.0   | W  |
| NOVIEMBRE   |                  |                 |     | 6                             | 1.7                                     | 3     | 1.2 | 6  | 1.6   | 8  | 1.4 | 6     | 1.6 | 6  | 1.4   | 13 | 1.5     | 22      | 1.5   | 2 | 34                               | 90                        | 2.0   | N  |
| DICIEMBRE   |                  |                 |     | 6                             | 1.7                                     | 8     | 1.4 | 10 | 1.8   | 7  | 0.0 | 0     | 1.6 | 5  | 1.4   | 17 | 1.4     | 14      | 2.0   | 2 | 38                               | 93                        | 3.0   | SW |
| VALOR ANUAL |                  |                 |     | 5                             | 1.7                                     | 6     | 1.5 | 7  | 1.7   | 7  | 1.3 | 13    | 1.5 | 6  | 0.3   | 2  | 1.7     | 15      | 0.5   | 0 | 39                               |                           | 4.0   | NE |



M126 PATATE INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        |         | HUMEDAD RELATIVA (%) |            |       |              | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |        |    | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|---------|----------------------|------------|-------|--------------|------------------------|---------------------------|-------------------|--------|----|----------------------------------|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        |         | Máxima día           | Mínima día | Media | Suma Mensual |                        |                           | Máxima en 24hrs   | en día |    |                                  |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima | Mensual |                      |            |       |              |                        |                           |                   |        |    |                                  |
| ENERO       |                       |                                       |            | 23.6        | 12.1   | 17.5    |                      |            | 88    | 15.5         | 18.0                   | 28.3                      |                   |        |    |                                  |
| FEBRERO     |                       |                                       |            | 24.1        | 12.3   | 17.6    |                      |            | 88    | 15.5         | 18.1                   | 59.1                      |                   |        |    |                                  |
| MARZO       |                       |                                       |            | 23.4        | 12.9   | 17.4    |                      |            | 90    | 15.6         | 18.0                   | 92.1                      | 45.0              | 3      | 12 |                                  |
| ABRIL       |                       |                                       |            | 22.9        | 12.8   | 17.2    |                      |            | 92    | 15.8         | 18.4                   | 75.7                      | 26.8              | 18     | 12 |                                  |
| MAYO        |                       |                                       |            | 21.0        | 11.6   | 15.7    |                      |            | 92    | 14.4         | 16.7                   | 103.5                     |                   |        |    |                                  |
| JUNIO       |                       |                                       |            | 19.4        | 10.2   | 14.6    |                      |            | 93    | 13.4         | 15.6                   | 129.7                     |                   |        |    |                                  |
| JULIO       |                       |                                       |            | 19.2        | 10.4   | 14.5    |                      |            | 93    | 13.4         | 15.6                   | 122.9                     |                   |        |    |                                  |
| AGOSTO      |                       |                                       |            | 19.5        | 10.7   | 15.1    |                      |            | 92    | 13.7         | 15.9                   | 53.4                      |                   |        |    |                                  |
| SEPTIEMBRE  |                       |                                       |            | 20.8        | 12.1   | 16.2    |                      |            | 91    | 14.7         | 16.8                   | 22.8                      |                   |        |    |                                  |
| OCTUBRE     |                       |                                       |            |             |        |         |                      |            |       |              |                        |                           |                   |        |    |                                  |
| NOVIEMBRE   |                       |                                       |            |             |        |         |                      |            |       |              |                        |                           |                   |        |    |                                  |
| DICIEMBRE   |                       |                                       |            | 21.5        | 11.5   | 16.1    |                      |            | 90    | 14.5         | 16.7                   | 3.6                       |                   |        |    |                                  |
| VALOR ANUAL |                       |                                       |            |             |        |         |                      |            |       |              |                        |                           |                   |        |    |                                  |

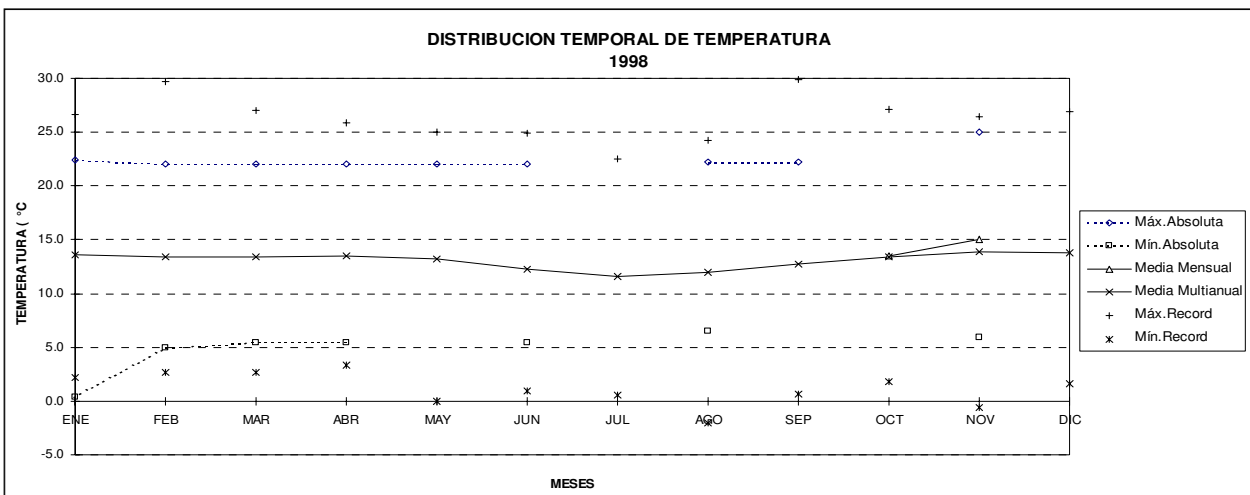
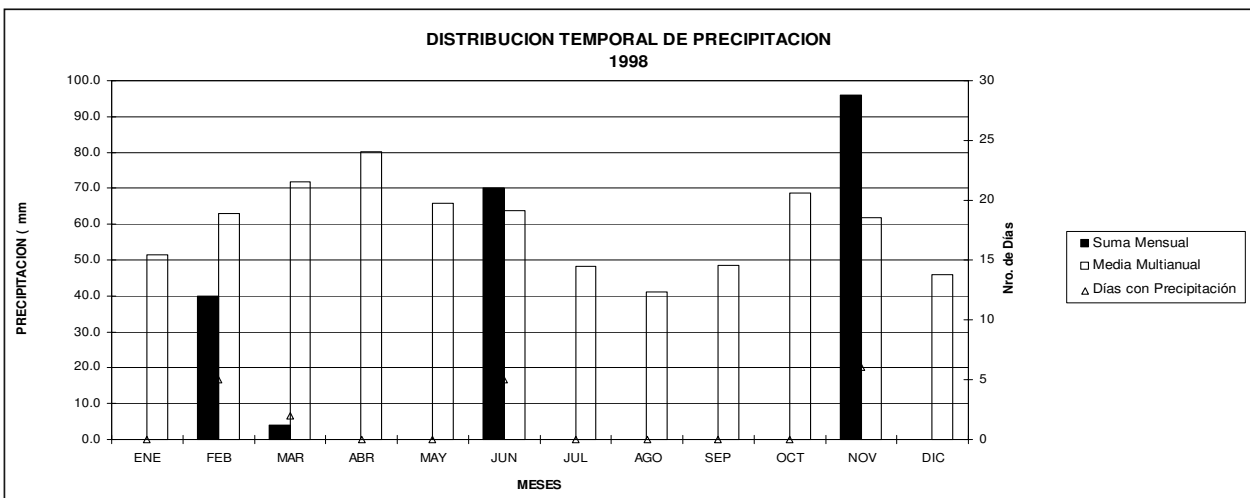
| MES         | EVAPORACION (mm) |                 |        | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |   |   |       |   |   |       |   |   |       |   | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |
|-------------|------------------|-----------------|--------|-------------------------------|---|-------|---|---|-------|---|---|-------|---|---|-------|---|----------------------------------|---------------------------|---------|---------|
|             | Suma Mensual     | Máxima en 24hrs | en día |                               | N                                       | NE    |   | E | SE    |   | S | SW    |   | W | NW    |   |                                  |                           | CALMA % | Nro OBS |
|             |                  |                 |        |                               |   | (m/s) | % |   | (m/s) | % |   | (m/s) | % |   | (m/s) | % |                                  |                           |         |         |
| ENERO       |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| FEBRERO     |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| MARZO       |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| ABRIL       |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| MAYO        |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| JUNIO       |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| JULIO       |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| AGOSTO      |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| SEPTIEMBRE  |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| OCTUBRE     |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| NOVIEMBRE   |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| DICIEMBRE   |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |
| VALOR ANUAL |                  |                 |        |                               |   |       |   |   |       |   |   |       |   |   |       |   |                                  |                           |         |         |



M127 **PILLARO** INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        |        | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|--------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        |        | Máxima día           | Mínima día | Media | Mensual |                        |                           | Suma              | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | día | Mínima      | día | Máxima | Mínima |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| ENERO       |                       | 22.4                                  | 30  | 0.4         | 24  | 19.2   | 8.0    |                      |            |       |         |                        |                           | 0.0               | 0.0             | 1   | 0                                |
| FEBRERO     |                       | 22.0                                  | 21  | 5.0         | 5   | 20.2   | 7.9    |                      |            |       |         |                        |                           | 40.0              | 20.0            | 25  | 5                                |
| MARZO       |                       | 22.0                                  | 6   | 5.5         | 3   | 20.1   | 7.8    |                      |            |       |         |                        |                           | 4.0               | 3.0             | 31  | 2                                |
| ABRIL       |                       | 22.0                                  | 11  | 5.5         | 3   | 20.1   | 8.1    |                      |            |       |         |                        |                           | 0.0               | 0.0             | 1   | 0                                |
| MAYO        |                       | 22.0                                  | 16  |             |     | 19.1   | 8.0    |                      |            |       |         |                        |                           | 0.0               | 0.0             | 1   | 0                                |
| JUNIO       |                       | 22.0                                  | 10  | 5.5         | 12  | 20.2   | 8.2    |                      |            |       |         |                        |                           | 70.0              | 30.0            | 23  | 5                                |
| JULIO       |                       |                                       |     |             |     | 20.3   | 8.4    |                      |            |       |         |                        |                           | 0.0               | 0.0             | 1   | 0                                |
| AGOSTO      |                       | 22.2                                  | 26  | 6.5         | 22  | 20.2   | 8.5    |                      |            |       |         |                        |                           | 0.0               | 0.0             | 1   | 0                                |
| SEPTIEMBRE  |                       | 22.2                                  | 30  |             |     | 20.2   | 8.1    |                      |            |       |         |                        |                           | 0.0               | 0.0             | 1   | 0                                |
| OCTUBRE     |                       |                                       |     |             |     | 19.6   | 9.7    | 13.5                 |            | 87    | 11.3    | 13.6                   |                           | 0.0               | 0.0             | 1   | 0                                |
| NOVIEMBRE   |                       | 25.0                                  | 14  | 5.9         | 29  | 22.2   | 9.7    | 15.0                 |            | 81    | 11.3    | 13.7                   |                           | 96.0              | 30.0            | 16  | 6                                |
| DICIEMBRE   |                       |                                       |     |             |     |        |        |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| VALOR ANUAL |                       |                                       |     |             |     |        |        |                      |            |       |         |                        |                           |                   |                 |     |                                  |

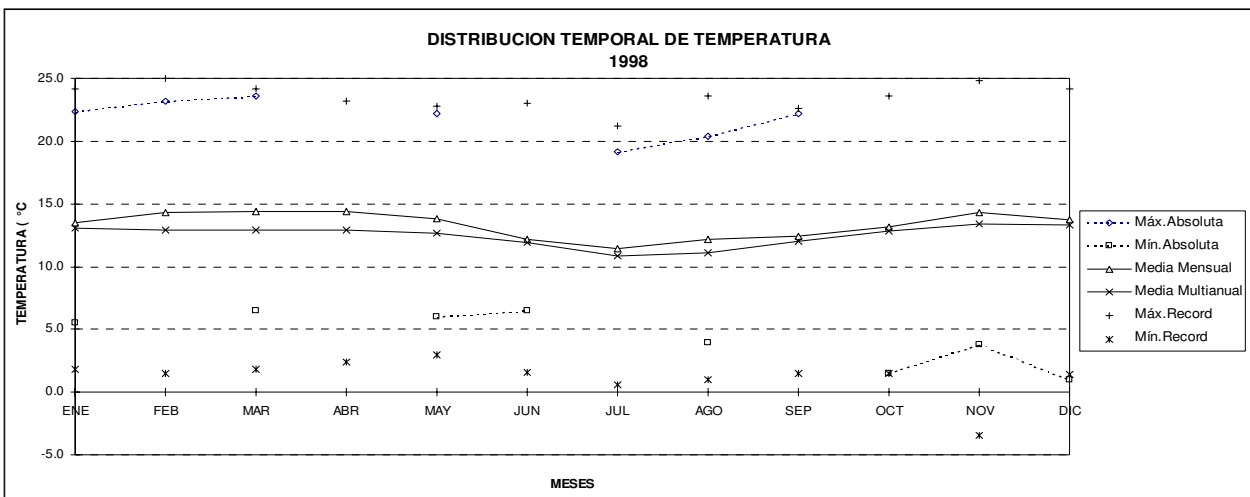
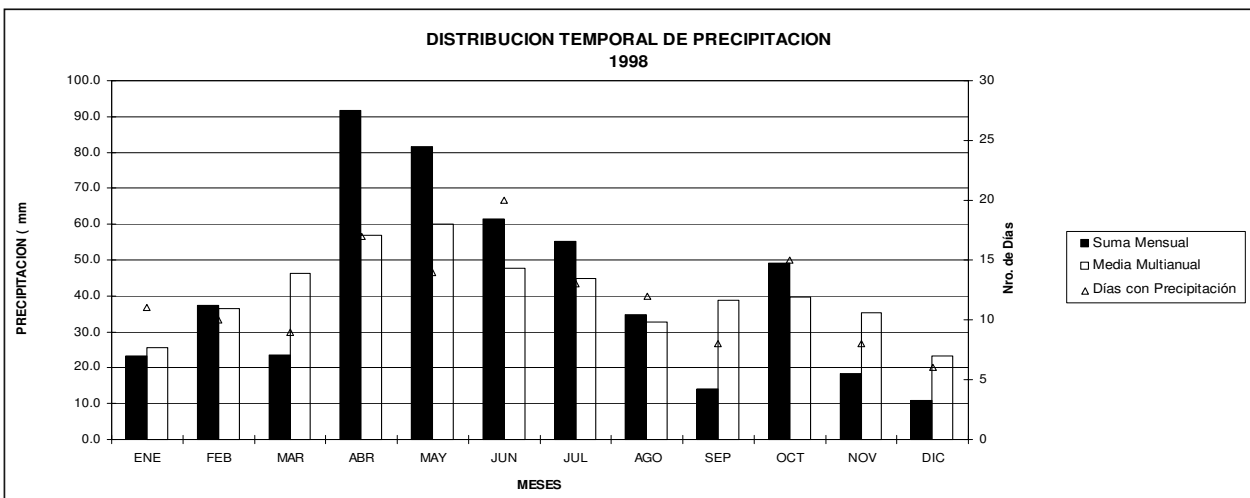
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |   |       |    |     |       |     |         |         |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |     |    |  |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|---|-------|----|-----|-------|-----|---------|---------|-------|----------------------------------|---------------------------|-----|----|--|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S | SW    |    | W   | NW    |     | CALMA % | Nro OBS |       |                                  |                           |     |    |  |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   |   | (m/s) | %  |     | (m/s) | %   |         |         | (m/s) |                                  |                           | %   |    |  |
| ENERO       |                  |                 |     | 6                             | 3.3                                     | 25    | 2.0 | 2     | 2.3 | 16    | 2.0 | 1 | 3.6   | 24 | 0.0 | 0     | 3.3 | 15      | 6.0     | 1     | 17                               | 84                        | 6.0 | S  |  |
| FEBRERO     |                  |                 |     | 7                             | 3.6                                     | 24    | 2.0 | 4     | 2.9 | 16    | 4.0 | 1 | 3.4   | 24 | 0.0 | 0     | 2.3 | 14      | 2.0     | 1     | 17                               | 84                        | 6.0 | N  |  |
| MARZO       |                  |                 |     | 6                             | 3.0                                     | 24    | 2.8 | 5     | 2.5 | 18    | 6.0 | 2 | 3.4   | 24 | 0.0 | 0     | 3.7 | 16      | 3.0     | 1     | 10                               | 93                        | 8.0 | SE |  |
| ABRIL       |                  |                 |     | 6                             | 2.4                                     | 23    | 2.0 | 2     | 3.2 | 17    | 3.0 | 2 | 2.8   | 24 | 0.0 | 0     | 3.0 | 19      | 0.0     | 0     | 12                               | 90                        | 6.0 | W  |  |
| MAYO        |                  |                 |     | 6                             | 3.0                                     | 30    | 0.0 | 0     | 2.5 | 16    | 4.7 | 3 | 2.6   | 19 | 0.0 | 0     | 3.8 | 27      | 0.0     | 0     | 4                                | 93                        | 8.0 | W  |  |
| JUNIO       |                  |                 |     | 6                             | 2.2                                     | 23    | 2.5 | 2     | 2.3 | 21    | 0.0 | 0 | 2.4   | 23 | 4.0 | 1     | 3.1 | 16      | 0.0     | 0     | 13                               | 90                        | 6.0 | E  |  |
| JULIO       |                  |                 |     |                               |   |       |     |       |     |       |     |   |       |    |     |       |     |         |         |       |                                  |                           |     |    |  |
| AGOSTO      |                  |                 |     | 6                             | 3.0                                     | 24    | 4.0 | 1     | 2.4 | 22    | 4.0 | 1 | 3.7   | 23 | 0.0 | 0     | 2.9 | 16      | 0.0     | 0     | 14                               | 93                        | 8.0 | S  |  |
| SEPTIEMBRE  |                  |                 |     |                               |   |       |     |       |     |       |     |   |       |    |     |       |     |         |         |       |                                  |                           |     |    |  |
| OCTUBRE     |                  |                 |     | 6                             | 3.1                                     | 21    | 2.0 | 1     | 2.6 | 20    | 4.0 | 1 | 3.1   | 18 | 0.0 | 0     | 3.1 | 26      | 0.0     | 0     | 13                               | 90                        | 6.0 | W  |  |
| NOVIEMBRE   |                  |                 |     | 6                             | 2.9                                     | 20    | 3.6 | 5     | 2.5 | 14    | 2.7 | 3 | 2.7   | 17 | 3.0 | 2     | 3.2 | 22      | 2.0     | 3     | 13                               | 93                        | 8.0 | W  |  |
| DICIEMBRE   |                  |                 |     | 6                             | 3.2                                     | 22    | 2.7 | 3     | 3.4 | 17    | 4.5 | 4 | 3.0   | 20 | 0.0 | 0     | 2.7 | 24      | 0.0     | 0     | 9                                | 90                        | 7.0 | SE |  |
| VALOR ANUAL |                  |                 |     |                               |   |       |     |       |     |       |     |   |       |    |     |       |     |         |         |       |                                  |                           |     |    |  |



M128 PEDRO FERMIN CEVALLOS(COLEGIO) INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |         |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|---------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Suma              | Máxima en 24hrs | día  |                                  |         |
|             |                       | Máxima                                | día | Mínima      | día | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |      |                                  | Mensual |
| ENERO       |                       | 22.4                                  | 7   | 5.5         | 31  | 19.2   | 9.1    | 13.5                 | 98  | 12     | 63  | 30    | 87                     | 11.3                      | 13.5              | 23.3            | 4.7  | 7                                | 11      |
| FEBRERO     |                       | 23.2                                  | 28  |             |     | 20.6   | 9.1    | 14.3                 | 98  | 2      | 38  | 20    | 85                     | 11.7                      | 13.9              | 37.4            | 9.0  | 11                               | 10      |
| MARZO       |                       | 23.6                                  | 1   | 6.5         | 11  | 20.3   | 9.3    | 14.4                 | 100 | 24     | 34  | 15    | 86                     | 11.7                      | 13.9              | 23.5            | 6.0  | 27                               | 9       |
| ABRIL       |                       |                                       |     |             |     | 20.2   | 9.5    | 14.4                 | 98  | 1      | 60  | 15    | 86                     | 12.0                      | 14.1              | 91.8            | 23.5 | 18                               | 17      |
| MAYO        |                       | 22.2                                  | 12  | 6.0         | 21  | 19.3   | 9.0    | 13.8                 |     |        |     |       | 86                     | 11.3                      | 13.5              | 81.6            | 19.0 | 27                               | 14      |
| JUNIO       |                       |                                       |     | 6.5         | 7   | 16.8   | 8.6    | 12.2                 | 100 | 19     | 61  | 10    | 89                     | 10.3                      | 12.6              | 61.6            | 12.0 | 18                               | 20      |
| JULIO       |                       | 19.2                                  | 7   |             |     | 16.2   | 7.9    | 11.4                 | 98  | 3      | 63  | 13    | 88                     | 9.4                       | 11.8              | 55.2            | 22.2 | 11                               | 13      |
| AGOSTO      |                       | 20.4                                  | 9   | 4.0         | 19  | 17.6   | 7.5    | 12.2                 | 98  | 5      | 42  | 23    | 82                     | 8.9                       | 11.5              | 34.7            | 6.5  | 29                               | 12      |
| SEPTIEMBRE  |                       | 22.2                                  | 12  |             |     | 19.2   | 6.3    | 12.4                 | 98  | 24     | 47  | 27    | 82                     | 9.1                       | 11.7              | 14.0            | 5.0  | 4                                | 8       |
| OCTUBRE     |                       |                                       |     | 1.5         | 14  | 19.8   | 7.4    | 13.2                 | 98  | 5      | 49  | 5     | 84                     | 10.4                      | 12.7              | 49.2            | 10.0 | 26                               | 15      |
| NOVIEMBRE   |                       |                                       |     | 3.8         | 26  | 20.9   | 8.3    | 14.3                 | 98  | 2      | 34  | 12    | 81                     | 10.6                      | 12.9              | 18.4            | 12.8 | 1                                | 8       |
| DICIEMBRE   |                       |                                       |     | 1.0         | 23  | 20.9   | 6.3    | 13.7                 |     |        |     |       | 82                     | 10.3                      | 12.8              | 10.8            | 3.0  | 11                               | 6       |
| VALOR ANUAL |                       |                                       |     |             |     | 19.2   | 8.1    | 13.3                 |     |        |     |       | 84                     | 10.5                      | 12.9              | 501.5           | 23.5 |                                  |         |

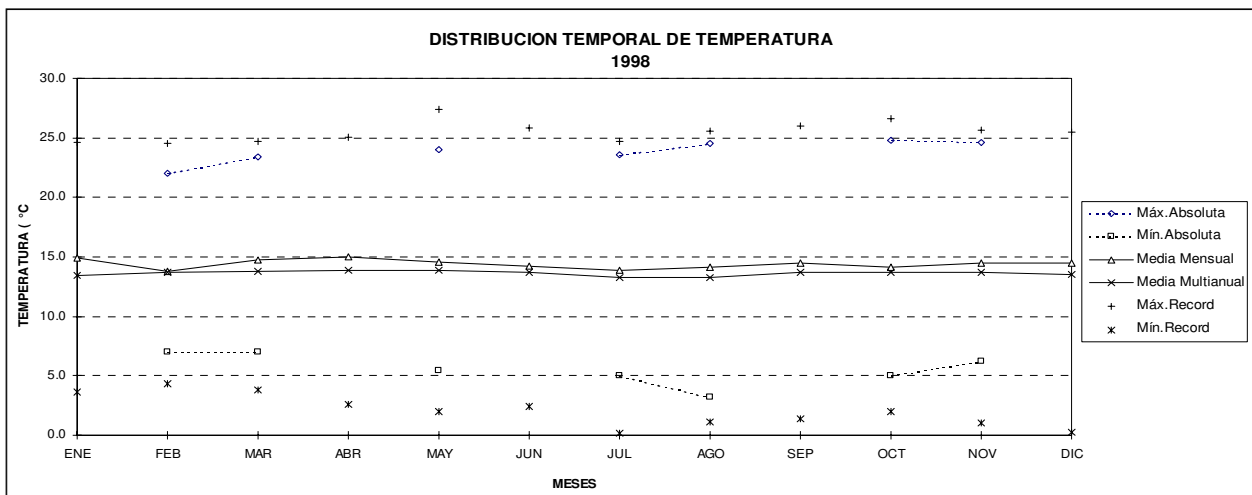
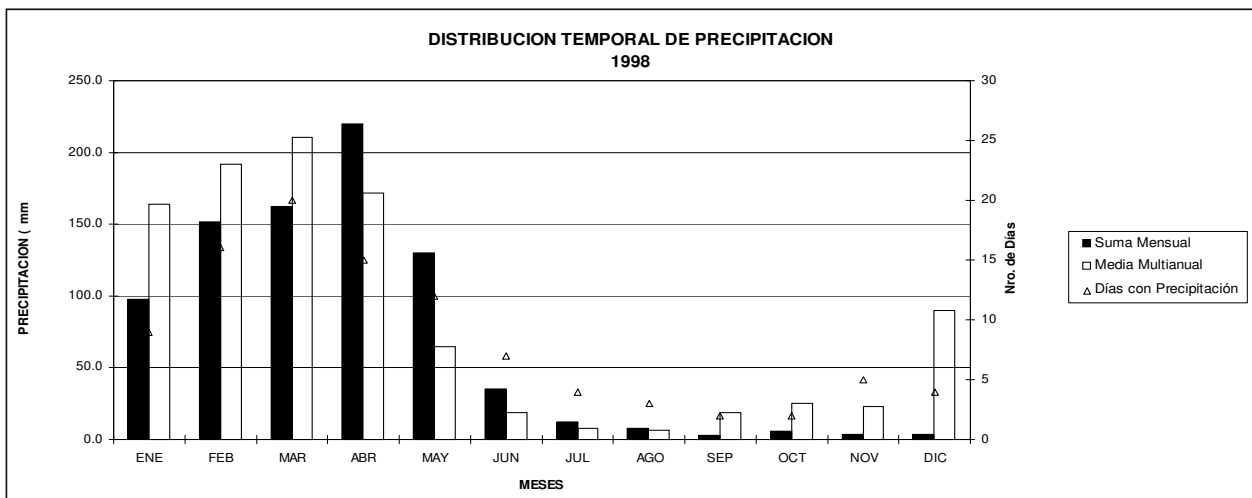
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |      |       |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------------------------------|---------------------------|---------|---------|------|-------|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |                                  |                           | CALMA % | Nro OBS |      |       |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                                  |                           |         |         | %    | (m/s) |
| ENERO       | 96.8             | 5.0             | 2   | 6                             | 0.0                                     | 0     | 0.0 | 0     | 8.0 | 2     | 0.0 | 0     | 4.7 | 3     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 95      | 93      | 10.0 | E     |
| FEBRERO     | 107.9            | 6.5             | 21  | 6                             | 5.0                                     | 2     | 0.0 | 0     | 5.2 | 6     | 0.0 | 0     | 6.0 | 4     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 88      | 84      | 6.0  | S     |
| MARZO       | 114.8            | 6.5             | 24  | 6                             | 4.0                                     | 3     | 0.0 | 0     | 5.5 | 4     | 0.0 | 0     | 3.6 | 5     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 87      | 93      | 8.0  | E     |
| ABRIL       | 112.4            | 6.5             | 18  | 6                             | 5.0                                     | 4     | 0.0 | 0     | 5.0 | 4     | 0.0 | 0     | 5.0 | 2     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 89      | 90      | 6.0  | N     |
| MAYO        | 110.4            | 6.2             | 31  | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |       |
| JUNIO       | 85.7             | 5.0             | 16  | 7                             | 4.0                                     | 3     | 0.0 | 0     | 5.8 | 12    | 0.0 | 0     | 4.0 | 1     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 83      | 90      | 8.0  | E     |
| JULIO       | 82.7             | 5.0             | 7   | 6                             | 4.7                                     | 3     | 0.0 | 0     | 5.7 | 8     | 0.0 | 0     | 4.5 | 4     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 85      | 93      | 8.0  | E     |
| AGOSTO      | 117.5            | 6.0             | 24  | 6                             | 5.0                                     | 2     | 0.0 | 0     | 5.6 | 17    | 0.0 | 0     | 4.5 | 9     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 72      | 93      | 8.0  | E     |
| SEPTIEMBRE  | 132.5            | 7.0             | 12  | 5                             | 3.3                                     | 3     | 0.0 | 0     | 4.7 | 12    | 0.0 | 0     | 5.0 | 9     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 76      | 90      | 8.0  | S     |
| OCTUBRE     | 118.4            | 7.0             | 13  | 5                             | 4.0                                     | 2     | 0.0 | 0     | 6.8 | 5     | 0.0 | 0     | 4.5 | 4     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 88      | 93      | 8.0  | E     |
| NOVIEMBRE   | 136.0            | 7.0             | 24  | 5                             | 4.7                                     | 10    | 0.0 | 0     | 6.0 | 6     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 84      | 90      | 10.0 | E     |
| DICIEMBRE   | 125.6            | 6.0             | 2   | 4                             | 4.3                                     | 8     | 0.0 | 0     | 5.6 | 11    | 0.0 | 0     | 6.0 | 1     | 0.0 | 0     | 6.0 | 1     | 0.0                              | 0                         | 80      | 93      | 8.0  | E     |
| VALOR ANUAL | 1340.7           | 7.0             |     | 5                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |       |



**M130 CHILLANES INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |         | HUMEDAD RELATIVA (%) |      |        |     | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                    | Número<br>de días con<br>precipitación |      |    |    |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|---------|----------------------|------|--------|-----|---------------------------|------------------------------|-------------------|---------|--------------------|--|------|----|----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |         | Máxima               | día  | Mínima | día |                           |                              | Media             | Mensual | Máxima en<br>24hrs |  | día  |    |    |
|             |                       | Máxima                                | día | Mínima      | día  | Mensual |                      |      |        |     |                           |                              |                   |         |                    |  |      |    |    |
| ENERO       |                       |                                       |     | 21.3        | 11.3 | 14.9    |                      |      |        | 87  | 12.7                      | 14.7                         | 97.8              | 33.8    | 12                 | 9                                      |      |    |    |
| FEBRERO     |                       | 22.0                                  | 4   | 7.0         | 4    | 20.3    | 9.8                  | 13.8 | 99     | 1   | 65                        | 3                            | 88                | 11.8    | 14.0               | 151.4                                  | 46.0 | 14 | 16 |
| MARZO       |                       | 23.4                                  | 5   | 7.0         | 15   | 21.3    | 10.9                 | 14.7 | 98     | 2   | 70                        | 22                           | 88                | 12.6    | 14.6               | 162.2                                  | 28.5 | 23 | 20 |
| ABRIL       |                       |                                       |     | 21.5        | 11.3 | 15.0    |                      |      |        | 88  | 13.0                      | 15.0                         | 220.0             | 37.7    | 27                 | 15                                     |      |    |    |
| MAYO        |                       | 24.0                                  | 11  | 5.5         | 22   | 21.4    | 9.7                  | 14.6 | 100    | 20  | 65                        | 19                           | 86                | 12.2    | 14.4               | 130.2                                  | 33.7 | 26 | 12 |
| JUNIO       |                       |                                       |     | 20.9        | 9.6  | 14.2    |                      |      |        | 86  | 11.9                      | 14.0                         | 35.1              | 12.5    | 2                  | 7                                      |      |    |    |
| JULIO       |                       | 23.6                                  | 25  | 5.0         | 28   | 20.8    | 9.8                  | 13.9 |        | 87  | 11.8                      | 13.9                         | 12.3              | 6.7     | 8                  | 4                                      |      |    |    |
| AGOSTO      |                       | 24.5                                  | 20  | 3.2         | 19   | 21.4    | 9.1                  | 14.1 | 98     | 27  | 64                        | 20                           | 86                | 11.8    | 14.0               | 7.9                                    | 3.0  | 6  | 3  |
| SEPTIEMBRE  |                       |                                       |     | 22.0        | 10.1 | 14.5    |                      |      |        | 87  | 12.3                      | 14.4                         | 3.1               | 2.0     | 9                  | 2                                      |      |    |    |
| OCTUBRE     |                       | 24.8                                  | 14  | 5.0         | 11   | 22.1    | 8.8                  | 14.1 | 100    | 14  | 55                        | 19                           | 85                | 11.5    | 13.7               | 5.9                                    | 3.4  | 24 | 2  |
| NOVIEMBRE   |                       | 24.6                                  | 12  | 6.2         | 4    | 22.1    | 9.6                  | 14.5 |        | 85  | 11.9                      | 14.1                         | 3.7               | 1.5     | 22                 | 5                                      |      |    |    |
| DICIEMBRE   |                       |                                       |     | 22.4        | 8.8  | 14.5    |                      |      |        | 84  | 11.7                      | 13.9                         | 3.8               | 1.6     | 30                 | 4                                      |      |    |    |
| VALOR ANUAL |                       |                                       |     | 21.4        | 9.9  | 14.4    |                      |      |        | 86  | 12.1                      | 14.2                         | 833.4             | 46.0    |                    |  |      |    |    |

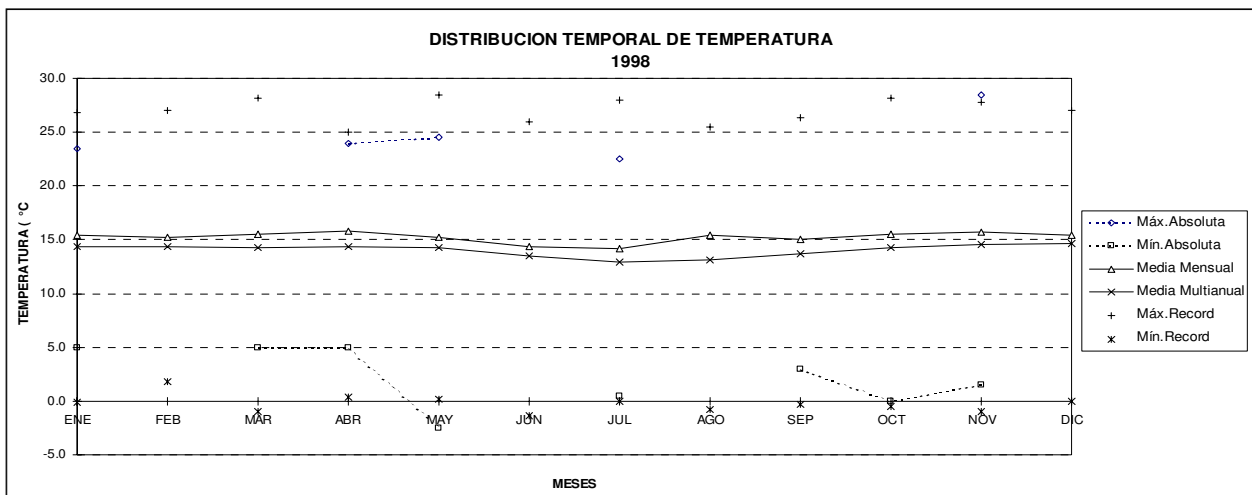
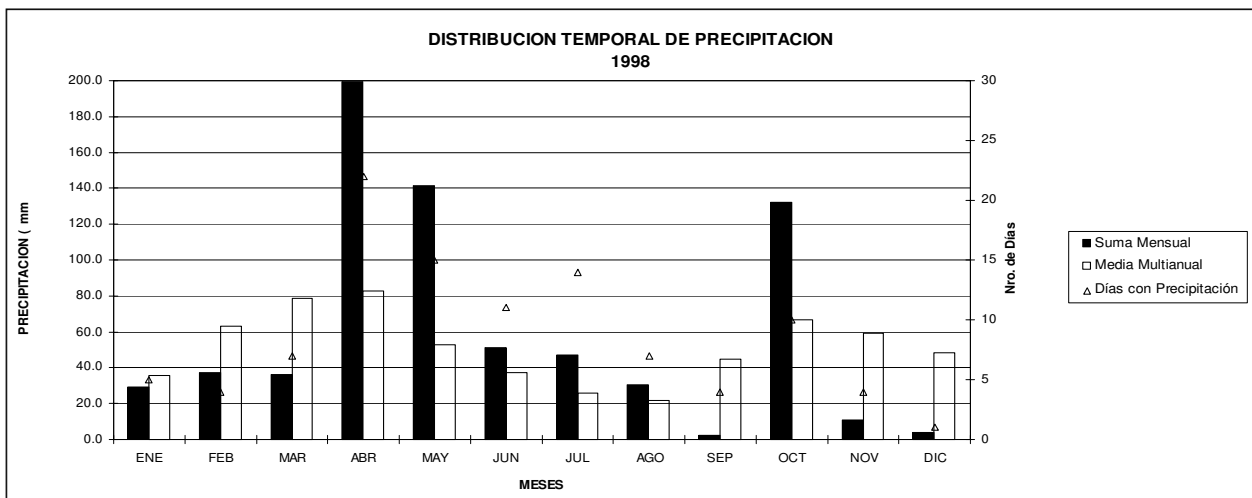
| MES         | EVAPORACION (mm) |                    | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |   |     |       |     |   |       |   |       |            | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |       |    |       |    |  |
|-------------|------------------|--------------------|-------------------------------|---|-------|-----|----|-------|---|-----|-------|-----|---|-------|---|-------|------------|---------------------------------|------------------------------|-------|----|-------|----|--|
|             | Suma             | Máxima en<br>24hrs |                               | N                                       | NE    |     | E  | SE    |   | S   | SW    |     | W | NW    |   | CALMA | Nro<br>OBS |                                 |                              |       |    |       |    |  |
|             | Mensual          | día                |                               |   | (m/s) | %   |    | (m/s) | % |     | (m/s) | %   |   | (m/s) | % |       |            |                                 |                              | (m/s) | %  | (m/s) | %  |  |
| ENERO       |                  |                    | 7                             | 1.5                                     | 2     | 2.7 | 11 | 1.0   | 7 | 1.4 | 8     | 1.0 | 5 | 2.0   | 5 | 2.1   | 16         | 3.0                             | 2                            | 44    | 84 | 4.0   | NE |  |
| FEBRERO     |                  |                    | 7                             | 1.0                                     | 1     | 2.3 | 16 | 1.0   | 5 | 1.2 | 11    | 1.0 | 3 | 2.0   | 4 | 1.8   | 18         | 2.5                             | 4                            | 37    | 93 | 3.0   | NE |  |
| MARZO       |                  |                    | 7                             | 1.0                                     | 3     | 2.4 | 8  | 1.0   | 9 | 2.5 | 4     | 1.0 | 1 | 1.9   | 8 | 1.9   | 34         | 2.0                             | 3                            | 30    | 93 | 4.0   | W  |  |
| ABRIL       |                  |                    | 7                             |   |       |     |    |       |   |     |       |     |   |       |   |       |            |                                 |                              |       |    |       |    |  |
| MAYO        |                  |                    | 6                             | 1.0                                     | 1     | 2.2 | 7  | 1.0   | 2 | 1.9 | 20    | 1.0 | 2 | 1.3   | 4 | 1.8   | 29         | 2.8                             | 5                            | 29    | 93 | 5.0   | SE |  |
| JUNIO       |                  |                    | 6                             | 1.0                                     | 1     | 3.4 | 12 | 1.0   | 1 | 2.1 | 20    | 1.0 | 1 | 1.4   | 5 | 2.6   | 26         | 4.0                             | 3                            | 30    | 93 | 7.0   | SE |  |
| JULIO       |                  |                    | 6                             |   |       |     |    |       |   |     |       |     |   |       |   |       |            |                                 |                              |       |    |       |    |  |
| AGOSTO      |                  |                    | 6                             |   |       |     |    |       |   |     |       |     |   |       |   |       |            |                                 |                              |       |    |       |    |  |
| SEPTIEMBRE  |                  |                    | 6                             |   |       |     |    |       |   |     |       |     |   |       |   |       |            |                                 |                              |       |    |       |    |  |
| OCTUBRE     |                  |                    | 6                             |   |       |     |    |       |   |     |       |     |   |       |   |       |            |                                 |                              |       |    |       |    |  |
| NOVIEMBRE   |                  |                    | 6                             |   |       |     |    |       |   |     |       |     |   |       |   |       |            |                                 |                              |       |    |       |    |  |
| DICIEMBRE   |                  |                    | 6                             |   |       |     |    |       |   |     |       |     |   |       |   |       |            |                                 |                              |       |    |       |    |  |
| VALOR ANUAL |                  |                    | 6                             |   |       |     |    |       |   |     |       |     |   |       |   |       |            |                                 |                              |       |    |       |    |  |



M133 **GUASLAN** INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |        |         |     | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                    |      | Número<br>de días con<br>precipitación |    |
|-------------|-----------------------|---------------------------------------|-----|-------------|--------|---------|-----|----------------------|-----|--------|-----|-------|---------------------------|------------------------------|-------------------|--------------------|------|--|----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |        |         |     | Máxima               | día | Mínima | día | Media |                           |                              | Suma              | Máxima en<br>24hrs | día  |  |    |
|             |                       | Máxima                                | día | Máxima      | Mínima | Mensual |     |                      |     |        |     |       |                           |                              |                   |                    |      |  |    |
| ENERO       |                       | 23.5                                  | 21  | 5.0         | 2      | 21.8    | 6.7 | 15.4                 | 100 | 13     | 54  | 15    | 85                        | 12.7                         | 14.8              | 29.4               | 12.8 | 14                                     | 5  |
| FEBRERO     |                       |                                       |     |             |        | 21.8    | 9.0 | 15.2                 | 100 | 1      | 55  | 13    | 86                        | 12.8                         | 14.9              | 37.5               | 21.1 | 5                                      | 4  |
| MARZO       |                       |                                       |     | 5.0         | 7      | 22.6    | 6.5 | 15.5                 | 100 | 29     | 53  | 5     | 84                        | 12.5                         | 14.7              | 36.1               | 9.1  | 28                                     | 7  |
| ABRIL       |                       | 24.0                                  | 23  | 5.0         | 4      | 22.7    | 7.0 | 15.8                 | 100 | 2      | 61  | 23    | 85                        | 13.1                         | 15.2              | 199.7              | 33.6 | 26                                     | 22 |
| MAYO        |                       | 24.5                                  | 10  | -2.5        | 23     | 21.8    | 5.6 | 15.2                 | 100 | 2      | 57  | 20    | 84                        | 12.4                         | 14.5              | 141.3              | 29.4 | 5                                      | 15 |
| JUNIO       |                       |                                       |     |             |        | 20.3    | 6.2 | 14.4                 |     |        |     |       | 86                        | 11.8                         | 14.0              | 51.1               | 16.2 | 4                                      | 11 |
| JULIO       |                       | 22.5                                  | 5   | 0.5         | 12     | 20.0    | 6.3 | 14.2                 | 100 | 10     | 54  | 10    | 86                        | 11.8                         | 14.0              | 46.9               | 14.2 | 12                                     | 14 |
| AGOSTO      |                       |                                       |     |             |        | 22.1    | 6.5 | 15.4                 |     |        |     |       | 83                        | 12.3                         | 14.4              | 30.7               | 15.6 | 9                                      | 7  |
| SEPTIEMBRE  |                       |                                       |     | 3.0         | 3      | 22.2    | 7.1 | 15.0                 |     |        |     |       | 83                        | 11.9                         | 14.1              | 2.3                | 1.8  | 9                                      | 4  |
| OCTUBRE     |                       |                                       |     | 0.0         | 15     | 23.0    | 5.9 | 15.5                 | 100 | 19     | 32  | 3     | 81                        | 11.8                         | 14.0              | 132.0              | 44.0 | 28                                     | 10 |
| NOVIEMBRE   |                       | 28.5                                  | 10  | 1.5         | 29     | 23.2    | 6.4 | 15.7                 | 100 | 4      | 51  | 25    | 83                        | 12.5                         | 14.7              | 10.7               | 6.0  | 2                                      | 4  |
| DICIEMBRE   |                       |                                       |     |             |        | 21.8    | 6.0 | 15.4                 |     |        |     |       | 79                        | 11.2                         | 13.4              | 4.0                | 4.0  | 25                                     | 1  |
| VALOR ANUAL |                       |                                       |     |             |        | 21.9    | 6.6 | 15.2                 |     |        |     |       | 83                        | 12.2                         | 14.3              | 721.7              | 44.0 |  |    |

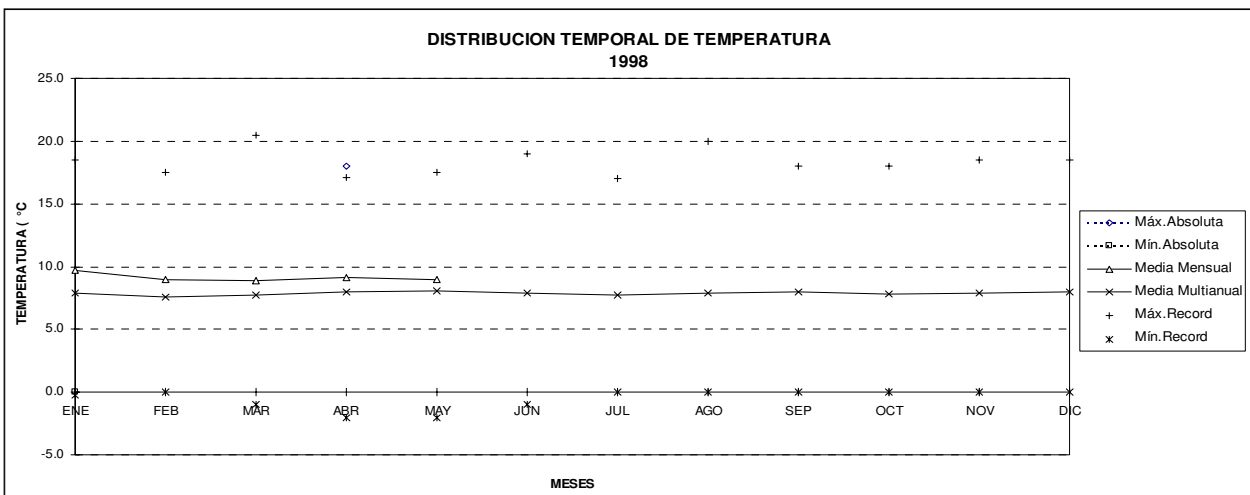
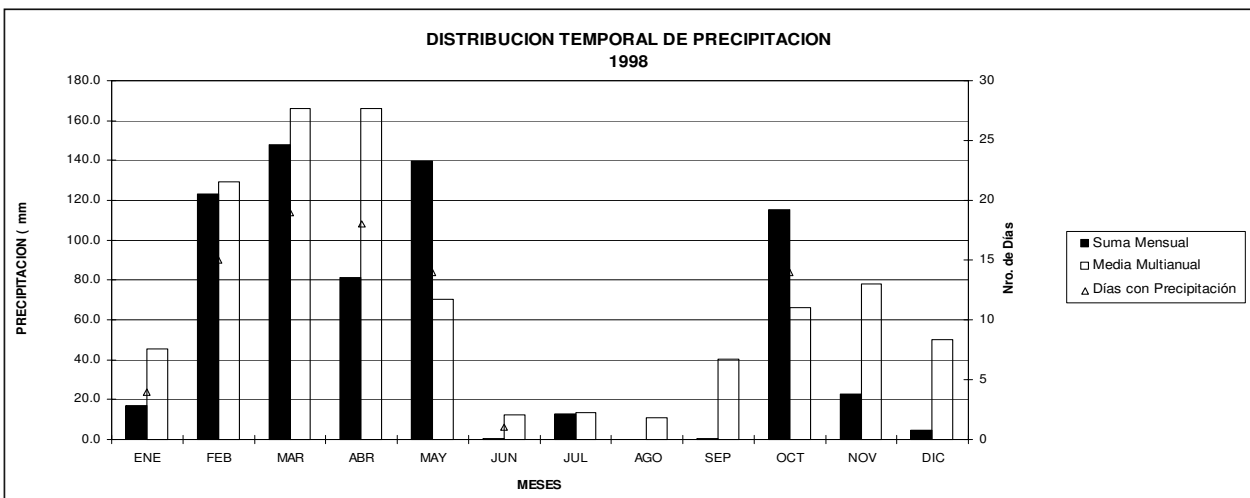
| MES         | EVAPORACION (mm) |                        |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |     |     |       |     |    |       |     |       |            |       |     | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |     |    |  |
|-------------|------------------|------------------------|-----|-------------------------------|---|-------|-----|---|-------|-----|-----|-------|-----|----|-------|-----|-------|------------|-------|-----|---------------------------------|------------------------------|-----|----|--|
|             | Suma<br>Mensual  | Máxima en<br>24hrs día |     |                               | N                                       | NE    |     | E | SE    |     | S   | SW    |     | W  | NW    |     | CALMA | Nro<br>OBS |       |     |                                 |                              |     |    |  |
|             |                  | (m/s)                  | (%) |                               |   | (m/s) | (%) |   | (m/s) | (%) |     | (m/s) | (%) |    | (m/s) | (%) |       |            | (m/s) | (%) |                                 |                              |     |    |  |
| ENERO       |                  |                        |     | 6                             | 2.4                                     | 12    | 2.7 | 3 | 2.0   | 1   | 2.5 | 4     | 2.2 | 14 | 2.8   | 9   | 2.7   | 18         | 2.0   | 2   | 37                              | 93                           | 6.0 | SW |  |
| FEBRERO     |                  |                        |     | 5                             | 2.2                                     | 13    | 3.3 | 4 | 3.0   | 5   | 2.0 | 4     | 2.1 | 17 | 3.1   | 8   | 2.9   | 16         | 0.0   | 0   | 35                              | 84                           | 6.0 | SW |  |
| MARZO       |                  |                        |     |                               |   |       |     |   |       |     |     |       |     |    |       |     |       |            |       |     |                                 |                              |     |    |  |
| ABRIL       |                  |                        |     |                               |   |       |     |   |       |     |     |       |     |    |       |     |       |            |       |     |                                 |                              |     |    |  |
| MAYO        |                  |                        |     | 6                             | 3.0                                     | 9     | 2.7 | 7 | 4.0   | 2   | 2.0 | 5     | 3.9 | 20 | 3.0   | 9   | 2.9   | 10         | 4.0   | 1   | 38                              | 93                           | 6.0 | W  |  |
| JUNIO       |                  |                        |     |                               |   |       |     |   |       |     |     |       |     |    |       |     |       |            |       |     |                                 |                              |     |    |  |
| JULIO       |                  |                        |     | 6                             | 3.3                                     | 10    | 0.0 | 0 | 3.3   | 7   | 3.3 | 12    | 2.9 | 16 | 3.8   | 12  | 2.4   | 11         | 2.0   | 1   | 32                              | 93                           | 6.0 | S  |  |
| AGOSTO      |                  |                        |     |                               |   |       |     |   |       |     |     |       |     |    |       |     |       |            |       |     |                                 |                              |     |    |  |
| SEPTIEMBRE  |                  |                        |     | 5                             | 4.3                                     | 13    | 4.3 | 9 | 3.0   | 4   | 2.4 | 6     | 2.2 | 11 | 2.8   | 6   | 2.4   | 10         | 0.0   | 0   | 41                              | 90                           | 8.0 | NE |  |
| OCTUBRE     |                  |                        |     | 5                             | 2.0                                     | 5     | 3.4 | 8 | 2.4   | 5   | 2.3 | 9     | 2.6 | 15 | 3.0   | 9   | 3.1   | 13         | 4.0   | 2   | 34                              | 93                           | 9.0 | W  |  |
| NOVIEMBRE   |                  |                        |     | 5                             | 2.3                                     | 7     | 2.9 | 8 | 3.3   | 3   | 2.0 | 3     | 2.4 | 18 | 3.3   | 10  | 2.8   | 13         | 4.0   | 6   | 32                              | 90                           | 6.0 | NW |  |
| DICIEMBRE   |                  |                        |     | 4                             | 4.0                                     | 8     | 4.0 | 7 | 4.2   | 14  | 4.7 | 7     | 4.6 | 22 | 0.0   | 0   | 4.0   | 1          | 0.0   | 0   | 43                              | 93                           | 8.0 | SE |  |
| VALOR ANUAL |                  |                        |     | 5                             |   |       |     |   |       |     |     |       |     |    |       |     |       |            |       |     |                                 |                              |     |    |  |



M135 PACHAMAMA-TIXAN INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        | HUMEDAD RELATIVA (%) |            |       |              | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |       |      | Número de días con precipitación |      |    |    |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|----------------------|------------|-------|--------------|------------------------|---------------------------|-------------------|-------|------|----------------------------------|------|----|----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        | Máxima día           | Mínima día | Media | Suma Mensual |                        |                           | Máxima en 24hrs   | día   |      |                                  |      |    |    |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima |                      |            |       |              |                        |                           |                   |       |      |                                  |      |    |    |
| ENERO       |                       |                                       |        | 15.3        |        |                      | 9.7        |       |              | 88                     | 7.6                       | 10.6              | 17.1  | 6.4  | 7                                | 4    |    |    |
| FEBRERO     |                       |                                       |        | 14.9        |        |                      | 9.0        | 100   | 9            | 54                     | 16                        | 92                | 7.6   | 10.5 | 122.9                            | 21.3 | 15 | 15 |
| MARZO       |                       |                                       |        | 14.7        |        |                      | 8.9        |       |              | 92                     | 7.6                       | 10.5              | 147.8 | 26.2 | 29                               | 19   |    |    |
| ABRIL       |                       | 18.0                                  | 29     | 14.7        |        |                      | 9.1        | 100   | 1            | 72                     | 29                        | 91                | 7.7   | 10.6 | 81.4                             | 27.6 | 18 | 18 |
| MAYO        |                       |                                       |        | 14.8        |        |                      | 9.0        |       |              | 83                     | 6.3                       | 9.6               | 139.8 | 51.3 | 3                                | 14   |    |    |
| JUNIO       |                       |                                       |        | 14.2        |        |                      |            |       |              |                        |                           |                   | 0.3   | 0.3  | 19                               | 1    |    |    |
| JULIO       |                       |                                       |        | 15.2        |        |                      |            |       |              |                        |                           |                   | 12.8  |      |                                  |      |    |    |
| AGOSTO      |                       |                                       |        | 15.5        |        |                      |            |       |              |                        |                           |                   |       |      |                                  |      |    |    |
| SEPTIEMBRE  |                       |                                       |        |             |        |                      |            |       |              |                        |                           |                   | 0.6   |      |                                  |      |    |    |
| OCTUBRE     |                       |                                       |        |             |        |                      |            |       |              |                        |                           |                   | 115.5 | 16.2 | 24                               | 14   |    |    |
| NOVIEMBRE   |                       |                                       |        |             |        |                      |            |       |              |                        |                           |                   | 23.0  |      |                                  |      |    |    |
| DICIEMBRE   |                       |                                       |        |             |        |                      |            |       |              |                        |                           |                   | 4.4   |      |                                  |      |    |    |
| VALOR ANUAL |                       |                                       |        |             |        |                      |            |       |              |                        |                           |                   |       |      |                                  |      |    |    |

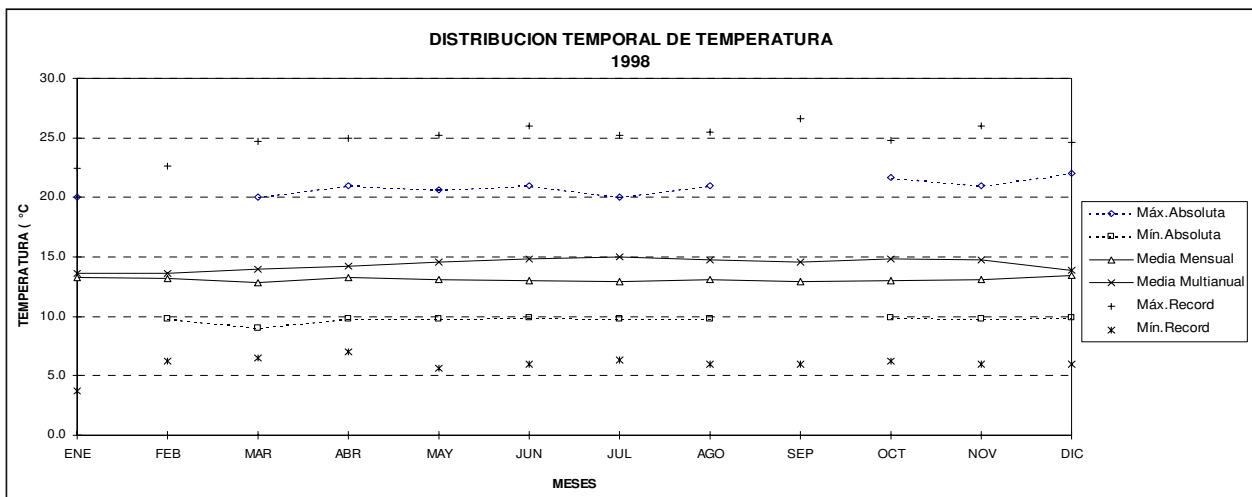
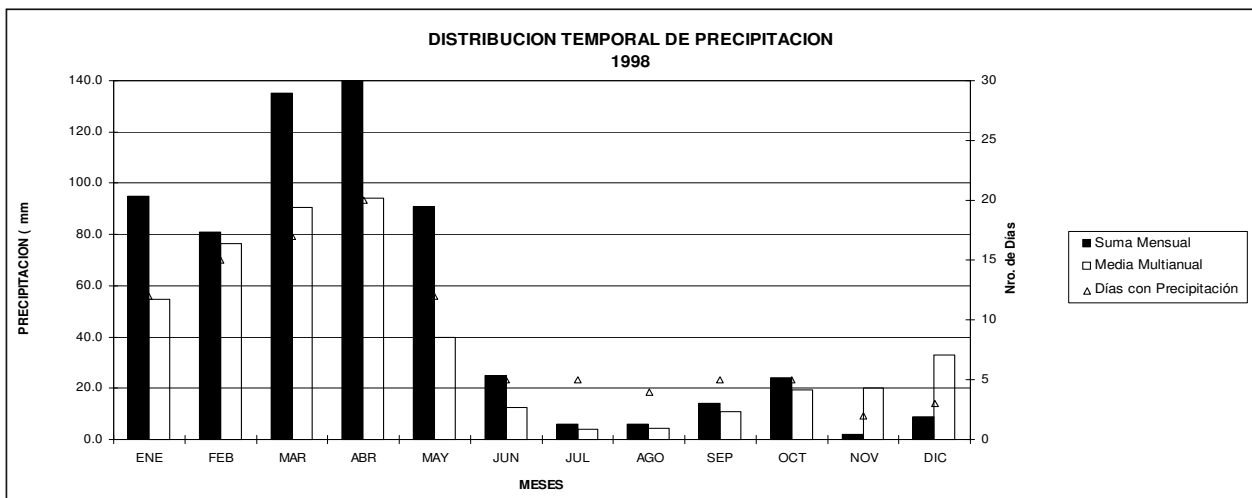
| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |   |     |       |         |       | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |    |       |     |   |
|-------------|------------------|-----------------|---------------|-------------------------------|---|-------|-----|---|-------|---|-----|-------|-----|---|-----|-------|---------|-------|------------------------------|---------------------------|----|-------|-----|---|
|             | Suma Mensual     | Máxima en 24hrs | Máxima en día |                               | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W | NW  | CALMA | Nro OBS |       |                              |                           |    |       |     |   |
|             |                  |                 |               |                               |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |   |     |       |         | (m/s) |                              |                           | %  | (m/s) | %   |   |
| ENERO       |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| FEBRERO     |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| MARZO       |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| ABRIL       |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| MAYO        |                  |                 |               | 2                             | 0.0                                     | 0     | 3.0 | 2 | 6.0   | 1 | 2.0 | 1     | 2.0 | 1 | 3.5 | 18    | 4.1     | 20    | 4.0                          | 3                         | 53 | 93    | 8.0 | W |
| JUNIO       |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| JULIO       |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| AGOSTO      |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| SEPTIEMBRE  |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| OCTUBRE     |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| NOVIEMBRE   |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| DICIEMBRE   |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |
| VALOR ANUAL |                  |                 |               |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                              |                           |    |       |     |   |



M136 CHUNCHI INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |         | HUMEDAD RELATIVA (%) |      |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |       | Número de días con precipitación |    |    |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|---------|----------------------|------|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-------|----------------------------------|----|----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |         | Máxima               | día  | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día   |                                  |    |    |
|             |                       | Máxima                                | día | Mínima      | día  | Mensual |                      |      |        |     |       |                        |                           |                   |                 |       |                                  |    |    |
| ENERO       |                       | 20.0                                  | 1   | 18.7        | 10.8 | 13.3    | 100                  | 28   | 63     | 16  | 96    | 12.7                   | 14.8                      | 95.0              | 18.0            | 6     | 12                               |    |    |
| FEBRERO     |                       |                                       | 9.8 | 16          | 18.4 | 10.8    | 13.2                 | 99   | 5      | 86  | 6     | 96                     | 12.6                      | 14.7              | 81.0            | 14.0  | 5                                | 15 |    |
| MARZO       |                       | 20.0                                  | 3   | 9.0         | 9    | 18.3    | 10.4                 | 12.8 | 99     | 24  | 88    | 17                     | 97                        | 12.3              | 14.4            | 135.0 | 18.0                             | 19 | 17 |
| ABRIL       |                       | 21.0                                  | 16  | 9.8         | 21   | 18.9    | 10.6                 | 13.3 |        |     |       | 96                     | 12.7                      | 14.8              | 140.0           | 16.0  | 4                                | 20 |    |
| MAYO        |                       | 20.6                                  | 5   | 9.8         | 8    | 18.9    | 10.7                 | 13.1 | 99     | 20  | 90    | 17                     | 96                        | 12.5              | 14.6            | 91.0  | 24.0                             | 3  | 12 |
| JUNIO       |                       | 21.0                                  | 24  | 9.9         | 21   | 19.1    | 10.7                 | 13.0 | 100    | 29  | 67    | 25                     | 96                        | 12.5              | 14.6            | 25.0  | 11.0                             | 24 | 5  |
| JULIO       |                       | 20.0                                  | 6   | 9.8         | 10   | 19.1    | 10.5                 | 12.9 |        |     |       | 96                     | 12.4                      | 14.5              | 6.0             | 2.0   | 9                                | 5  |    |
| AGOSTO      |                       | 21.0                                  | 6   | 9.8         | 24   | 19.4    | 10.7                 | 13.1 | 99     | 14  | 60    | 1                      | 97                        | 12.6              | 14.7            | 6.0   | 2.0                              | 6  | 4  |
| SEPTIEMBRE  |                       |                                       |     | 19.1        | 10.4 | 12.9    |                      |      |        |     |       |                        |                           |                   | 14.0            | 6.0   | 3                                | 5  |    |
| OCTUBRE     |                       | 21.7                                  | 20  | 9.9         | 2    | 19.5    | 10.5                 | 13.0 | 99     | 9   | 88    | 15                     | 97                        | 12.5              | 14.7            | 24.0  | 7.0                              | 28 | 5  |
| NOVIEMBRE   |                       | 21.0                                  | 1   | 9.8         | 20   | 19.5    | 10.7                 | 13.1 | 99     | 6   | 91    | 9                      | 97                        | 12.7              | 14.8            | 2.0   | 1.0                              | 2  | 2  |
| DICIEMBRE   |                       | 22.0                                  | 5   | 9.9         | 11   | 19.8    | 10.7                 | 13.4 |        |     |       | 97                     | 12.9                      | 15.1              | 9.0             | 8.0   | 20                               | 3  |    |
| VALOR ANUAL |                       |                                       |     | 19.0        | 10.6 | 13.0    |                      |      |        |     |       |                        |                           |                   | 628.0           | 24.0  |                                  |    |    |

| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |   |       |   |       |   |       |   |       |   |       | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |    |         |         |      |       |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|---|-------|---|-------|---|-------|---|-------|---|-------|------------------------------|---------------------------|----|---------|---------|------|-------|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |   | E     |   | SE    |   | S     |   | SW    |   | W     |                              |                           | NW | CALMA % | Nro OBS |      |       |
|             |                  |                 |     |                               |   | (m/s) | % | (m/s) | % | (m/s) | % | (m/s) | % | (m/s) | % | (m/s) |                              |                           |    |         |         | %    | (m/s) |
| ENERO       |                  |                 | 6   | 6.0                           | 2                                       | 6.0   | 2 | 0.0   | 0 | 6.5   | 4 | 5.0   | 2 | 7.0   | 4 | 4.0   | 2                            | 6.0                       | 2  | 81      | 93      | 8.0  | N     |
| FEBRERO     |                  |                 | 7   | 4.0                           | 4                                       | 4.7   | 4 | 5.0   | 2 | 5.3   | 4 | 4.0   | 6 | 5.0   | 2 | 2.0   | 2                            | 8.0                       | 2  | 74      | 84      | 8.0  | NW    |
| MARZO       |                  |                 | 8   | 4.0                           | 5                                       | 7.0   | 2 | 7.3   | 3 | 8.0   | 1 | 4.5   | 4 | 0.0   | 0 | 5.8   | 7                            | 8.0                       | 1  | 76      | 93      | 12.0 | E     |
| ABRIL       |                  |                 | 7   | 4.0                           | 4                                       | 6.4   | 6 | 0.0   | 0 | 6.5   | 9 | 4.7   | 3 | 6.0   | 1 | 0.0   | 0                            | 0.0                       | 0  | 77      | 90      | 8.0  | NE    |
| MAYO        |                  |                 | 7   | 5.0                           | 4                                       | 6.0   | 2 | 6.0   | 1 | 7.1   | 8 | 6.7   | 3 | 6.0   | 1 | 6.0   | 2                            | 0.0                       | 0  | 79      | 93      | 14.0 | S     |
| JUNIO       |                  |                 | 6   | 4.9                           | 8                                       | 6.0   | 7 | 4.0   | 2 | 6.0   | 5 | 2.0   | 1 | 6.5   | 2 | 4.5   | 4                            | 0.0                       | 0  | 71      | 93      | 10.0 | N     |
| AGOSTO      |                  |                 | 6   | 2.0                           | 4                                       | 6.0   | 3 | 8.0   | 1 | 6.3   | 8 | 5.6   | 5 | 0.0   | 0 | 3.5   | 4                            | 0.0                       | 0  | 74      | 93      | 8.0  | S     |
| SEPTIEMBRE  |                  |                 | 6   | 3.5                           | 4                                       | 6.7   | 3 | 8.0   | 2 | 6.5   | 9 | 4.4   | 5 | 6.0   | 1 | 5.2   | 5                            | 8.0                       | 1  | 69      | 93      | 10.0 | E     |
| OCTUBRE     |                  |                 | 5   | 4.7                           | 3                                       | 5.5   | 4 | 6.0   | 1 | 5.7   | 8 | 4.0   | 2 | 0.0   | 0 | 2.0   | 2                            | 0.0                       | 0  | 79      | 90      | 6.0  | SE    |
| NOVIEMBRE   |                  |                 | 6   | 6.5                           | 4                                       | 6.5   | 4 | 4.0   | 1 | 7.0   | 7 | 6.4   | 5 | 0.0   | 0 | 4.3   | 4                            | 0.0                       | 0  | 74      | 93      | 8.0  | SE    |
| DICIEMBRE   |                  |                 | 6   |                               |   |       |   |       |   |       |   |       |   |       |   |       |                              |                           |    |         |         |      |       |
| VALOR ANUAL |                  |                 | 6   |                               |   |       |   |       |   |       |   |       |   |       |   |       |                              |                           |    |         |         |      |       |

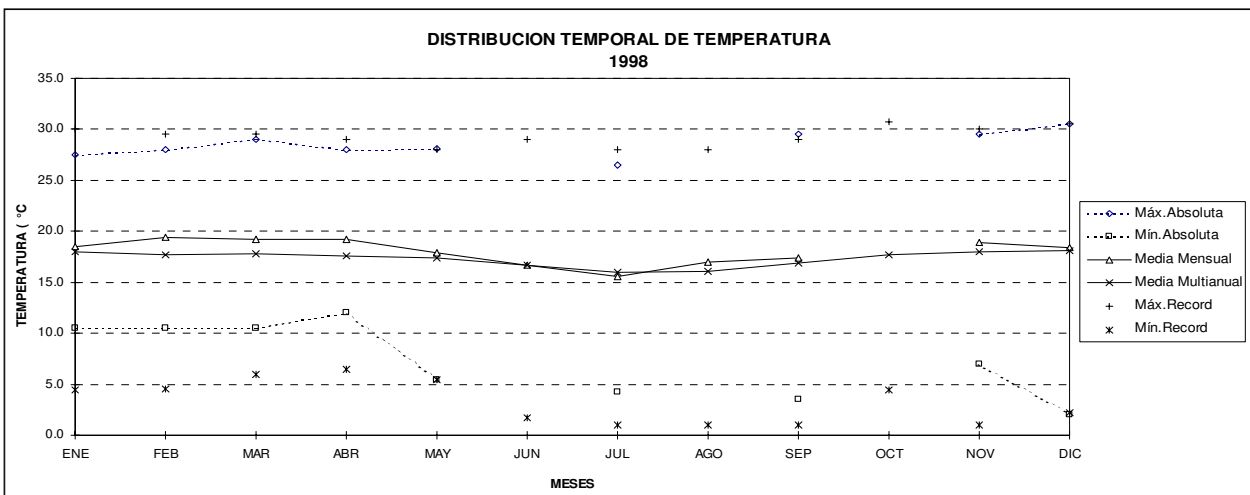
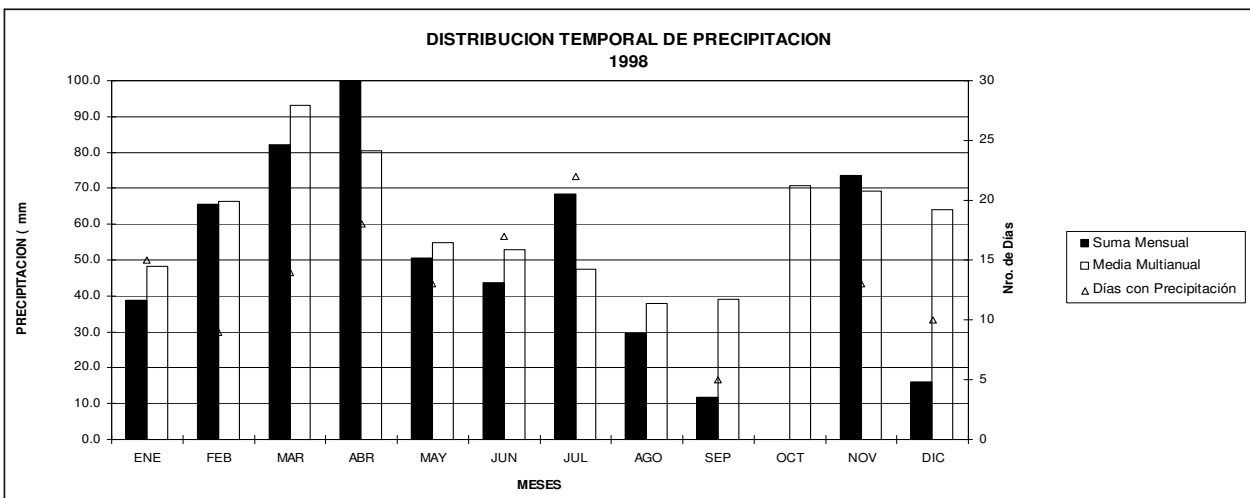




**M138 PAUTE INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |     |             |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |    |
|-------------|-----------------------|---------------------------------------|-----|--------|-----|-------------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|----|
|             |                       | ABSOLUTAS                             |     |        |     | M E D I A S |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día  |                                  |    |
|             |                       | Máxima                                | día | Mínima | día | Máxima      | Mensual |                      |     |        |     |       |                        |                           |                   |                 |      |                                  |    |
| ENERO       |                       | 27.5                                  | 7   | 10.5   | 1   | 24.9        | 13.0    | 18.5                 | 98  | 1      | 47  | 7     | 79                     | 14.5                      | 16.5              | 38.9            | 8.9  | 16                               | 15 |
| FEBRERO     |                       | 28.0                                  | 19  | 10.5   | 27  | 25.9        | 13.0    | 19.4                 | 96  | 27     | 47  | 16    | 77                     | 14.9                      | 17.0              | 65.5            | 33.4 | 10                               | 9  |
| MARZO       |                       | 29.0                                  | 23  | 10.5   | 14  | 26.1        | 13.1    | 19.2                 | 96  | 7      | 46  | 23    | 77                     | 14.7                      | 16.8              | 82.2            | 29.0 | 1                                | 14 |
| ABRIL       |                       | 28.0                                  | 11  | 12.0   | 11  | 25.9        | 13.4    | 19.2                 | 96  | 1      | 46  | 27    | 78                     | 15.0                      | 17.1              | 100.0           | 18.6 | 18                               | 18 |
| MAYO        |                       | 28.1                                  | 1   | 5.5    | 23  | 24.6        | 11.7    | 17.9                 | 98  | 8      | 38  | 22    | 79                     | 13.7                      | 15.7              | 50.7            | 11.6 | 27                               | 13 |
| JUNIO       |                       |                                       |     |        |     | 22.7        | 11.2    | 16.7                 | 98  | 19     | 46  | 15    | 80                     | 12.9                      | 15.0              | 43.6            | 7.5  | 19                               | 17 |
| JULIO       |                       | 26.5                                  | 8   | 4.2    | 14  | 21.1        | 10.1    | 15.6                 | 96  | 4      | 54  | 8     | 85                     | 13.0                      | 15.1              | 68.4            | 8.6  | 24                               | 22 |
| AGOSTO      |                       |                                       |     |        |     | 23.9        | 9.9     | 17.0                 |     |        |     |       | 84                     | 14.1                      | 16.3              | 29.7            |      |                                  |    |
| SEPTIEMBRE  |                       | 29.5                                  | 27  | 3.5    | 2   | 25.6        | 9.3     | 17.4                 |     |        |     |       | 84                     | 14.5                      | 17.0              | 11.9            | 7.0  | 9                                | 5  |
| OCTUBRE     |                       |                                       |     |        |     |             |         |                      |     |        |     |       |                        |                           |                   |                 |      |                                  |    |
| NOVIEMBRE   |                       | 29.5                                  | 30  | 7.0    | 28  | 26.5        | 12.0    | 18.9                 | 96  | 1      | 56  | 16    | 83                     | 15.7                      | 18.1              | 73.7            | 14.8 | 4                                | 13 |
| DICIEMBRE   |                       | 30.5                                  | 6   | 2.0    | 3   | 27.5        | 9.2     | 18.4                 | 96  | 6      | 52  | 17    | 82                     | 14.9                      | 17.6              | 16.0            | 8.8  | 29                               | 10 |
| VALOR ANUAL |                       |                                       |     |        |     |             |         |                      |     |        |     |       |                        |                           |                   |                 |      |                                  |    |

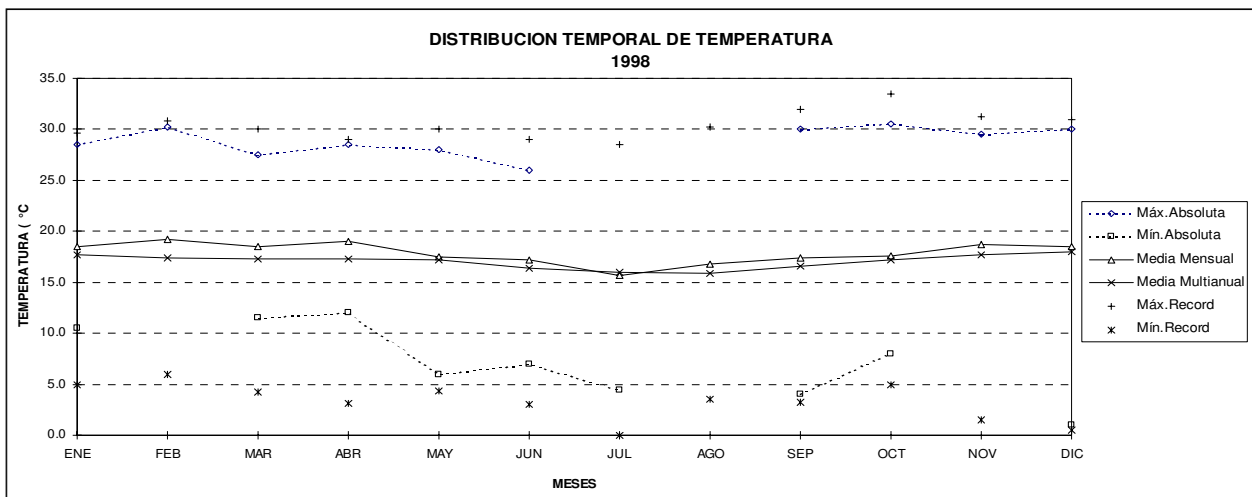
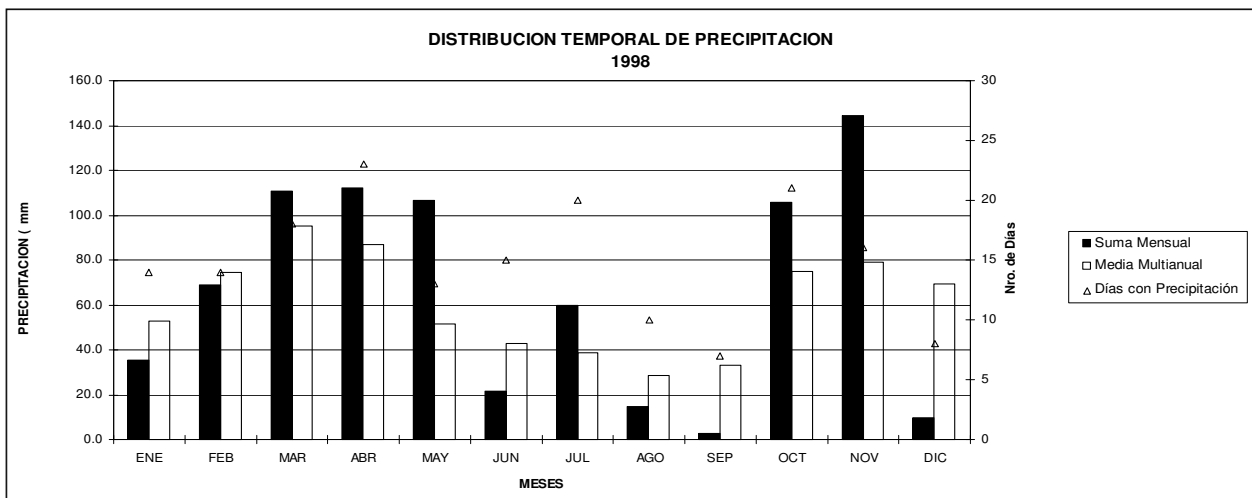
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |     |       |   |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------------------------------|---------------------------|---------|---------|-----|-------|---|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |                                  |                           | CALMA % | Nro OBS |     |       |   |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                                  |                           |         |         | %   | (m/s) | % |
| ENERO       |                  |                 |     | 6                             | 1.5                                     | 16    | 2.7 | 20    | 2.8 | 14    | 2.9 | 9     | 2.0 | 1     | 0.0 | 0     | 1.8 | 4     | 1.0                              | 1                         | 34      | 93      | 6.0 | SE    |   |
| FEBRERO     |                  |                 |     | 6                             | 1.3                                     | 14    | 2.8 | 29    | 2.0 | 7     | 3.0 | 5     | 0.0 | 0     | 0.0 | 0     | 2.0 | 1     | 1.3                              | 5                         | 39      | 84      | 6.0 | NE    |   |
| MARZO       |                  |                 |     | 6                             | 1.5                                     | 9     | 3.1 | 27    | 2.6 | 12    | 3.2 | 5     | 1.0 | 1     | 0.0 | 0     | 0.0 | 0     | 1.0                              | 1                         | 45      | 93      | 6.0 | NE    |   |
| ABRIL       |                  |                 |     | 6                             | 1.6                                     | 12    | 2.2 | 19    | 2.9 | 21    | 2.3 | 4     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 1.3                              | 4                         | 39      | 90      | 6.0 | E     |   |
| MAYO        |                  |                 |     | 5                             | 1.3                                     | 13    | 2.7 | 23    | 3.1 | 15    | 2.7 | 3     | 2.0 | 1     | 0.0 | 0     | 2.0 | 1     | 1.5                              | 4                         | 40      | 93      | 6.0 | E     |   |
| JUNIO       |                  |                 |     | 6                             | 1.3                                     | 16    | 2.9 | 22    | 2.4 | 10    | 3.7 | 9     | 1.0 | 1     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 42      | 90      | 6.0 | NE    |   |
| JULIO       |                  |                 |     | 6                             | 1.2                                     | 16    | 2.5 | 19    | 3.0 | 10    | 2.4 | 5     | 1.5 | 2     | 0.0 | 0     | 0.0 | 0     | 0.0                              | 0                         | 47      | 93      | 6.0 | NE    |   |
| AGOSTO      |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |     |       |   |
| SEPTIEMBRE  |                  |                 |     | 5                             | 1.3                                     | 4     | 2.3 | 29    | 2.5 | 17    | 2.6 | 12    | 1.0 | 1     | 0.0 | 0     | 2.0 | 1     | 0.0                              | 0                         | 36      | 90      | 6.0 | E     |   |
| OCTUBRE     |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |     |       |   |
| NOVIEMBRE   |                  |                 |     | 5                             | 2.1                                     | 9     | 2.3 | 20    | 3.2 | 14    | 2.3 | 4     | 6.0 | 1     | 0.0 | 0     | 0.0 | 0     | 1.0                              | 1                         | 50      | 90      | 6.0 | E     |   |
| DICIEMBRE   |                  |                 |     | 4                             | 1.6                                     | 15    | 2.2 | 18    | 3.2 | 12    | 2.7 | 7     | 0.0 | 0     | 0.0 | 0     | 4.0 | 1     | 1.6                              | 10                        | 38      | 93      | 6.0 | E     |   |
| VALOR ANUAL |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |     |       |   |



**M139 GUALACEO INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         |      | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |         | Número de días con precipitación |    |    |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|---------|---------|----------------------------------|----|----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         |      | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | Mensual | Mensual |                                  |    |    |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |      |                      |            |       |         |                        |                           |                   |         |         |                                  |    |    |
| ENERO       |                       | 28.5                                  | 9      | 10.5        | 31     | 25.2    | 13.0 | 18.5                 |            |       | 74      | 13.5                   | 15.5                      | 35.6              | 17.8    | 7       | 14                               |    |    |
| FEBRERO     |                       | 30.2                                  | 5      |             |        | 26.2    | 13.5 | 19.2                 |            |       | 73      | 13.9                   | 15.9                      | 69.1              | 23.7    | 11      | 14                               |    |    |
| MARZO       |                       | 27.5                                  | 11     | 11.5        | 27     | 24.9    | 13.5 | 18.5                 |            |       | 75      | 13.6                   | 15.6                      | 110.6             | 27.4    | 11      | 18                               |    |    |
| ABRIL       |                       | 28.5                                  | 17     | 12.0        | 6      | 25.4    | 13.6 | 19.0                 |            |       | 75      | 14.1                   | 16.2                      | 112.4             | 18.8    | 18      | 23                               |    |    |
| MAYO        |                       | 28.0                                  | 26     | 6.0         | 23     | 24.0    | 11.9 | 17.5                 |            |       | 83      | 14.4                   | 16.6                      | 106.6             | 38.1    | 4       | 13                               |    |    |
| JUNIO       |                       | 26.0                                  | 10     | 7.0         | 16     | 23.1    | 11.4 | 17.2                 |            |       | 75      | 12.4                   | 14.5                      | 21.7              | 4.0     | 21      | 15                               |    |    |
| JULIO       |                       |                                       |        | 4.5         | 14     | 21.1    | 10.9 | 15.7                 | 98         | 24    | 39      | 8                      | 79                        | 11.7              | 13.8    | 59.8    | 10.7                             | 11 | 20 |
| AGOSTO      |                       |                                       |        |             |        | 23.5    | 10.4 | 16.8                 |            |       | 75      | 11.8                   | 13.9                      | 14.8              | 4.4     | 5       | 10                               |    |    |
| SEPTIEMBRE  |                       | 30.0                                  | 17     | 4.0         | 2      | 25.6    | 9.2  | 17.4                 |            |       | 71      | 11.4                   | 13.7                      | 2.8               | 0.8     | 21      | 7                                |    |    |
| OCTUBRE     |                       | 30.5                                  | 14     | 8.0         | 2      | 25.1    | 11.3 | 17.6                 |            |       | 73      | 12.1                   | 14.2                      | 105.7             | 22.1    | 25      | 21                               |    |    |
| NOVIEMBRE   |                       | 29.5                                  | 30     |             |        | 26.1    | 12.0 | 18.7                 |            |       | 71      | 12.8                   | 14.9                      | 144.2             | 30.1    | 1       | 16                               |    |    |
| DICIEMBRE   |                       | 30.0                                  | 9      | 1.0         | 3      | 26.6    | 9.9  | 18.5                 |            |       | 69      | 11.7                   | 14.0                      | 9.7               | 2.3     | 12      | 8                                |    |    |
| VALOR ANUAL |                       |                                       |        |             |        | 24.7    | 11.7 | 17.8                 |            |       | 74      | 12.7                   | 14.9                      | 793.0             | 38.1    |         |                                  |    |    |

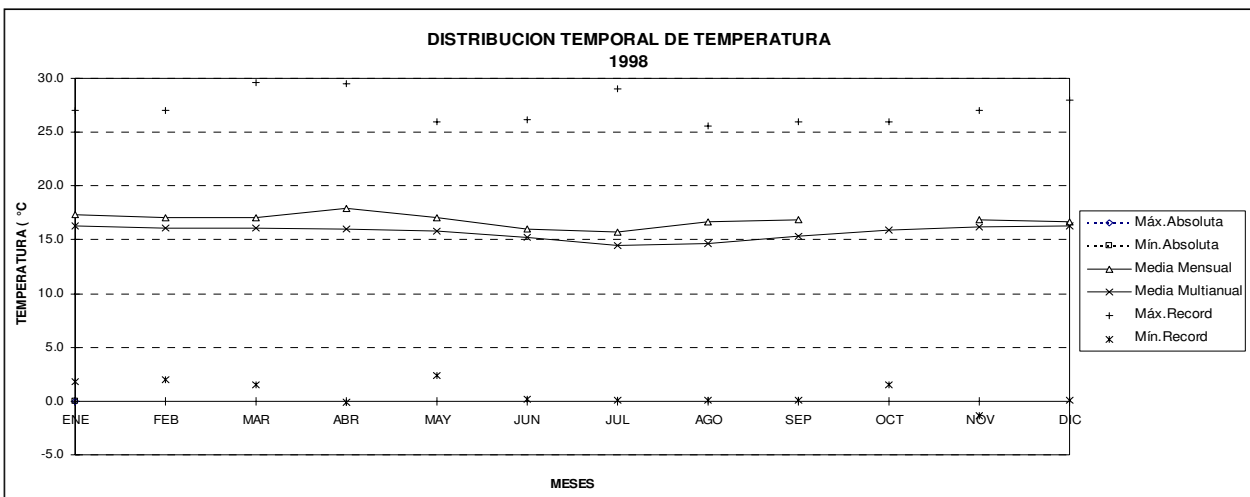
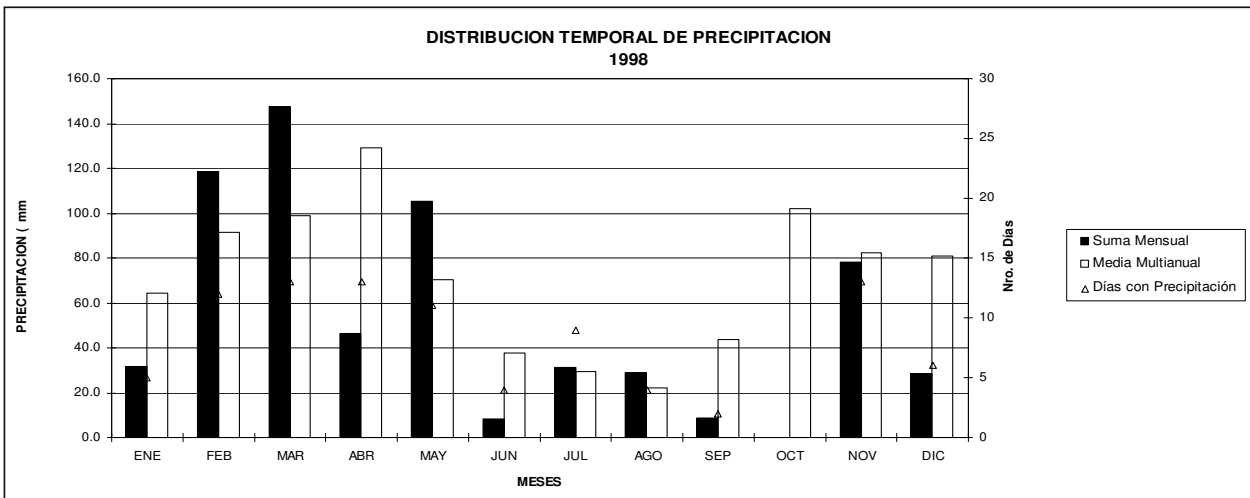
| MES         | EVAPORACION (mm) |                 |                 | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |   |     |       |         |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |    |       |     |       |   |  |
|-------------|------------------|-----------------|-----------------|-------------------------------|---|-------|-----|---|-------|---|-----|-------|-----|---|-----|-------|---------|-------|----------------------------------|---------------------------|----|-------|-----|-------|---|--|
|             | Suma Mensual     | Máxima en 24hrs | Mínima en 24hrs |                               | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W | NW  | CALMA | Nro OBS |       |                                  |                           |    |       |     |       |   |  |
|             |                  |                 |                 |                               |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |   |     |       |         | (m/s) |                                  |                           | %  | (m/s) | %   | (m/s) | % |  |
| ENERO       |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| FEBRERO     |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| MARZO       |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| ABRIL       |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| MAYO        |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| JUNIO       |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| JULIO       |                  |                 |                 | 8                             | 2.0                                     | 11    | 1.7 | 3 | 1.0   | 2 | 2.0 | 1     | 5.0 | 1 | 0.0 | 0     | 3.0     | 3     | 3.5                              | 12                        | 67 | 93    | 6.0 | NW    |   |  |
| AGOSTO      |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| SEPTIEMBRE  |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| OCTUBRE     |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| NOVIEMBRE   |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| DICIEMBRE   |                  |                 |                 |                               |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |
| VALOR ANUAL |                  |                 |                 | 7                             |   |       |     |   |       |   |     |       |     |   |     |       |         |       |                                  |                           |    |       |     |       |   |  |



**M140 UCUBAMBA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |  |             |  | HUMEDAD RELATIVA (%) |            |       |            | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |       |      | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--|-------------|--|----------------------|------------|-------|------------|------------------------|---------------------------|-------------------|-------|------|----------------------------------|
|             |                       | ABSOLUTAS                             |  | M E D I A S |  | Máxima día           | Mínima día | Media | Máxima día |                        |                           | Mínima día        | Media | Suma |                                  |
| ENERO       |                       |                                       |  |             |  |                      |            |       |            |                        |                           |                   |       |      |                                  |
| FEBRERO     |                       |                                       |  |             |  |                      |            |       |            |                        |                           | 118.7             | 34.0  | 10   | 12                               |
| MARZO       |                       |                                       |  |             |  |                      |            |       |            |                        |                           | 147.5             | 37.0  | 11   | 13                               |
| ABRIL       |                       |                                       |  |             |  |                      |            |       |            |                        |                           | 46.5              | 10.0  | 11   | 13                               |
| MAYO        |                       |                                       |  |             |  |                      |            |       |            |                        |                           | 105.2             | 23.8  | 26   | 11                               |
| JUNIO       |                       |                                       |  |             |  |                      |            |       |            |                        |                           | 8.1               | 5.0   | 8    | 4                                |
| JULIO       |                       |                                       |  |             |  |                      |            |       |            |                        |                           | 31.2              | 7.7   | 11   | 9                                |
| AGOSTO      |                       |                                       |  |             |  |                      |            |       |            |                        |                           | 28.8              | 19.2  | 6    | 4                                |
| SEPTIEMBRE  |                       |                                       |  |             |  |                      |            |       |            |                        |                           | 8.8               | 4.8   | 3    | 2                                |
| OCTUBRE     |                       |                                       |  |             |  |                      |            |       |            |                        |                           |                   |       |      |                                  |
| NOVIEMBRE   |                       |                                       |  |             |  |                      |            |       |            |                        |                           | 78.2              | 12.0  | 3    | 13                               |
| DICIEMBRE   |                       |                                       |  |             |  |                      |            |       |            |                        |                           | 28.5              | 11.6  | 5    | 6                                |
| VALOR ANUAL |                       |                                       |  |             |  |                      |            |       |            |                        |                           |                   |       |      |                                  |

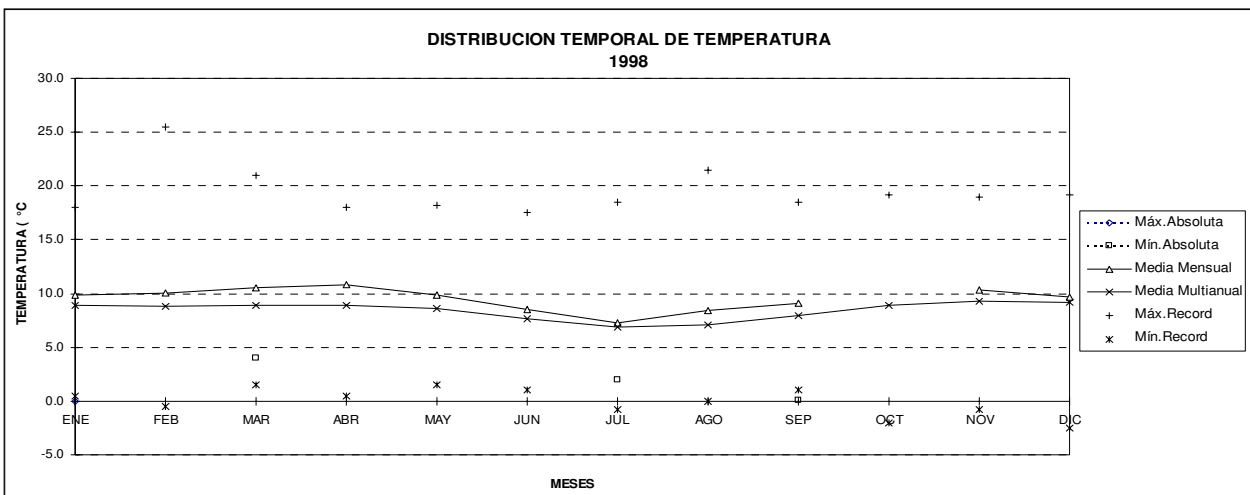
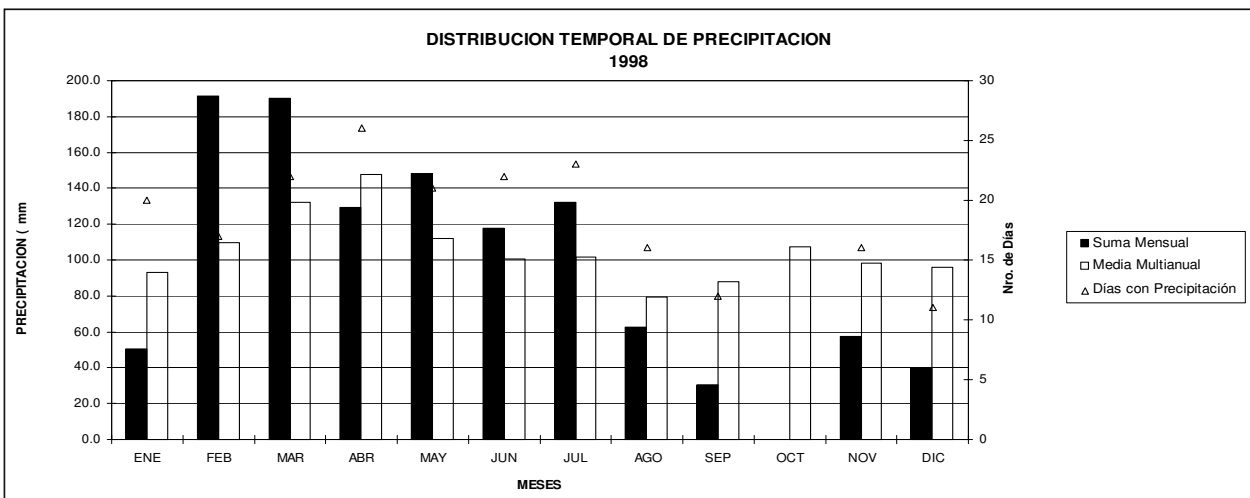
| MES         | EVAPORACION (mm) |                     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |     |    |     |    |     |    |       |         |     |    | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |     |    |    |    |     |    |  |  |
|-------------|------------------|---------------------|-------------------------------|---|----|-----|----|-----|----|-----|----|-------|---------|-----|----|----------------------------------|---------------------------|-----|----|----|----|-----|----|--|--|
|             | Suma Mensual     | Máxima en 24hrs día |                               | N                                       | NE | E   | SE | S   | SW | W   | NW | CALMA | Nro OBS |     |    |                                  |                           |     |    |    |    |     |    |  |  |
| ENERO       |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |    |    |    |     |    |  |  |
| FEBRERO     |                  |                     | 7                             | 2.0                                     | 2  | 2.3 | 18 | 0.0 | 0  | 2.6 | 11 | 1.6   | 6       | 2.9 | 21 | 0.0                              | 0                         | 1.2 | 6  | 36 | 84 | 7.0 | SW |  |  |
| MARZO       |                  |                     | 7                             | 3.0                                     | 8  | 2.2 | 12 | 3.0 | 1  | 2.2 | 10 | 3.0   | 1       | 2.5 | 12 | 0.0                              | 0                         | 2.3 | 15 | 42 | 93 | 7.0 | NW |  |  |
| ABRIL       |                  |                     | 7                             | 1.7                                     | 8  | 3.0 | 13 | 0.0 | 0  | 3.2 | 7  | 0.0   | 0       | 3.0 | 11 | 7.0                              | 2                         | 1.7 | 11 | 48 | 90 | 7.0 | SW |  |  |
| MAYO        |                  |                     | 7                             | 2.0                                     | 5  | 3.0 | 5  | 0.0 | 0  | 4.0 | 5  | 1.5   | 7       | 1.7 | 7  | 0.0                              | 0                         | 1.5 | 12 | 59 | 93 | 7.0 | NE |  |  |
| JUNIO       |                  |                     | 6                             | 1.9                                     | 18 | 3.4 | 6  | 1.6 | 6  | 3.3 | 3  | 3.0   | 2       | 2.1 | 23 | 1.3                              | 3                         | 2.7 | 29 | 10 | 90 | 7.0 | SE |  |  |
| JULIO       |                  |                     | 7                             | 2.7                                     | 25 | 4.2 | 14 | 2.0 | 2  | 2.0 | 1  | 2.0   | 5       | 2.3 | 19 | 0.0                              | 0                         | 2.0 | 5  | 28 | 93 | 7.0 | N  |  |  |
| AGOSTO      |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |    |    |    |     |    |  |  |
| SEPTIEMBRE  |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |    |    |    |     |    |  |  |
| OCTUBRE     |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |    |    |    |     |    |  |  |
| NOVIEMBRE   |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |    |    |    |     |    |  |  |
| DICIEMBRE   |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |    |    |    |     |    |  |  |
| VALOR ANUAL |                  |                     |                               |   |    |     |    |     |    |     |    |       |         |     |    |                                  |                           |     |    |    |    |     |    |  |  |



M141 EL LABRADO INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        |         | HUMEDAD RELATIVA (%) |            |       |              | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |       |      | Número de días con precipitación |    |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|---------|----------------------|------------|-------|--------------|------------------------|---------------------------|-------------------|-------|------|----------------------------------|----|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        |         | Máxima día           | Mínima día | Media | Suma Mensual |                        |                           | Máxima en 24hrs   | día   |      |                                  |    |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima | Mensual |                      |            |       |              |                        |                           |                   |       |      |                                  |    |
| ENERO       |                       |                                       |            | 15.6        | 4.8    | 9.9     |                      |            | 90    | 8.2          | 10.9                   | 50.8                      | 9.2               | 19    | 20   |                                  |    |
| FEBRERO     |                       |                                       |            | 16.1        | 5.0    | 10.1    |                      |            | 91    | 8.6          | 11.2                   | 191.4                     | 39.7              | 11    | 17   |                                  |    |
| MARZO       |                       | 4.0                                   | 8          | 16.4        | 5.2    | 10.5    |                      |            | 90    | 8.9          | 11.5                   | 190.0                     | 28.4              | 8     | 22   |                                  |    |
| ABRIL       |                       |                                       |            | 16.7        | 5.5    | 10.8    |                      |            | 91    | 9.2          | 11.7                   | 129.1                     | 18.3              | 11    | 26   |                                  |    |
| MAYO        |                       |                                       |            | 15.5        | 4.7    | 9.9     |                      |            | 90    | 8.3          | 11.0                   | 148.0                     | 19.6              | 4     | 21   |                                  |    |
| JUNIO       |                       |                                       |            | 13.9        | 3.8    | 8.5     |                      |            | 92    | 7.2          | 10.2                   | 117.7                     | 29.8              | 1     | 22   |                                  |    |
| JULIO       |                       | 2.0                                   | 2          | 11.6        | 3.5    | 7.3     | 100                  | 2          | 75    | 4            | 95                     | 6.6                       | 9.7               | 132.2 | 18.0 | 11                               | 23 |
| AGOSTO      |                       |                                       |            | 14.2        | 3.7    | 8.4     |                      |            | 93    | 7.2          | 10.3                   | 62.8                      | 10.4              | 5     | 16   |                                  |    |
| SEPTIEMBRE  |                       | 0.1                                   | 2          | 15.2        | 3.2    | 9.1     |                      |            | 87    | 6.8          | 10.0                   | 30.4                      | 7.8               | 21    | 12   |                                  |    |
| OCTUBRE     |                       |                                       |            |             |        |         |                      |            |       |              |                        |                           |                   |       |      |                                  |    |
| NOVIEMBRE   |                       |                                       |            | 16.0        | 4.0    | 10.3    |                      |            | 85    | 7.7          | 10.6                   | 57.7                      | 14.8              | 13    | 16   |                                  |    |
| DICIEMBRE   |                       |                                       |            | 17.0        | 3.3    | 9.7     |                      |            | 82    | 6.5          | 9.8                    | 40.1                      | 8.1               | 15    | 11   |                                  |    |
| VALOR ANUAL |                       |                                       |            |             |        |         |                      |            |       |              |                        |                           |                   |       |      |                                  |    |

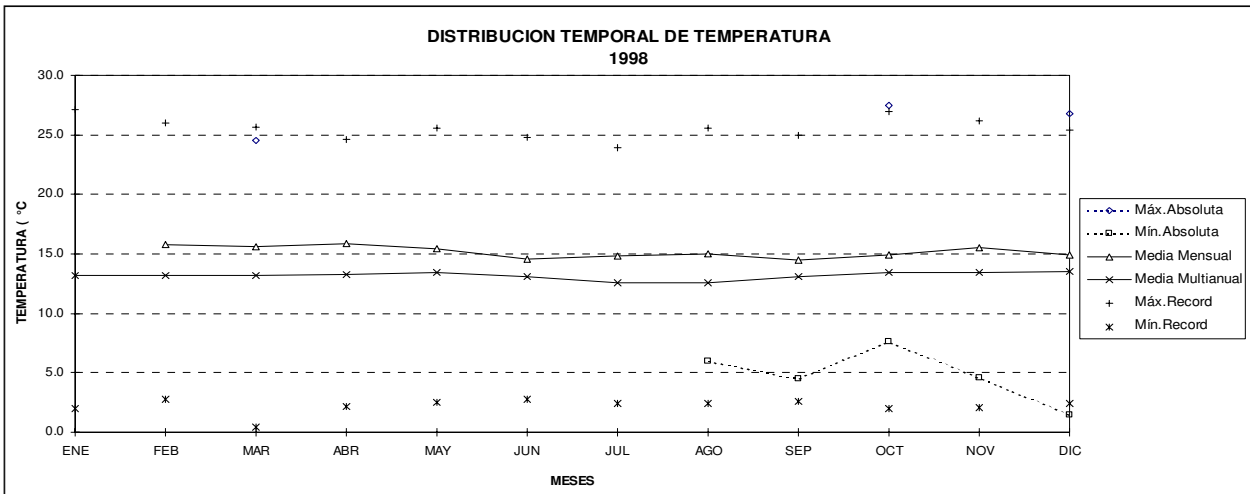
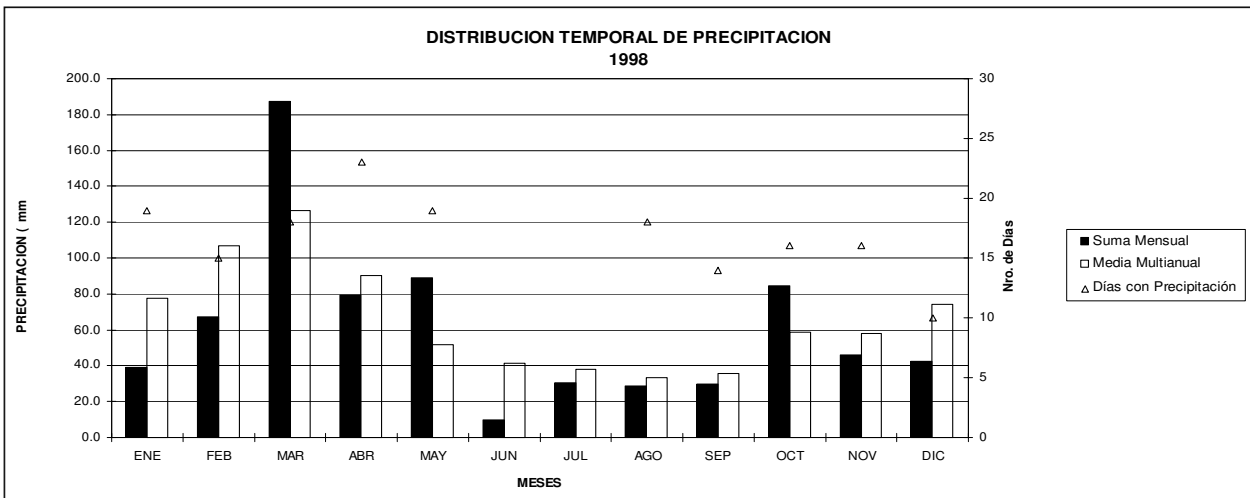
| MES         | EVAPORACION (mm) |                     |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |      |       |     |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |      |    |  |
|-------------|------------------|---------------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------|----------------------------------|---------------------------|---------|---------|------|----|--|
|             | Suma Mensual     | Máxima en 24hrs día |     |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |      | W     |     | NW    |                                  |                           | CALMA % | Nro OBS |      |    |  |
|             |                  | (m/s)               | (%) |                               |   | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%) | (m/s) | (%)  | (m/s) | (%) | (m/s) |                                  |                           |         |         | (%)  |    |  |
| ENERO       |                  |                     |     | 6                             | 3.0                                     | 13    | 2.9 | 10    | 3.4 | 15    | 2.0 | 1     | 0.0 | 0     | 4.0  | 13    | 3.7 | 14    | 4.6                              | 14                        | 20      | 93      | 10.0 | E  |  |
| FEBRERO     |                  |                     |     |                               |   |       |     |       |     |       |     |       |     |       |      |       |     |       |                                  |                           |         |         |      |    |  |
| MARZO       |                  |                     |     |                               |   |       |     |       |     |       |     |       |     |       |      |       |     |       |                                  |                           |         |         |      |    |  |
| ABRIL       |                  |                     |     |                               |   |       |     |       |     |       |     |       |     |       |      |       |     |       |                                  |                           |         |         |      |    |  |
| MAYO        |                  |                     |     |                               |   |       |     |       |     |       |     |       |     |       |      |       |     |       |                                  |                           |         |         |      |    |  |
| JUNIO       |                  |                     |     |                               |   |       |     |       |     |       |     |       |     |       |      |       |     |       |                                  |                           |         |         |      |    |  |
| JULIO       |                  |                     |     | 6                             | 0.0                                     | 0     | 6.0 | 26    | 4.5 | 23    | 2.7 | 3     | 7.0 | 4     | 10.0 | 2     | 9.1 | 14    | 6.9                              | 12                        | 16      | 93      | 16.0 | SW |  |
| AGOSTO      |                  |                     |     |                               |   |       |     |       |     |       |     |       |     |       |      |       |     |       |                                  |                           |         |         |      |    |  |
| SEPTIEMBRE  |                  |                     |     |                               |   |       |     |       |     |       |     |       |     |       |      |       |     |       |                                  |                           |         |         |      |    |  |
| OCTUBRE     |                  |                     |     |                               |   |       |     |       |     |       |     |       |     |       |      |       |     |       |                                  |                           |         |         |      |    |  |
| NOVIEMBRE   |                  |                     |     | 4                             | 2.0                                     | 2     | 0.0 | 0     | 5.2 | 34    | 0.0 | 0     | 0.0 | 0     | 5.0  | 2     | 4.4 | 22    | 6.0                              | 3                         | 36      | 90      | 16.0 | W  |  |
| DICIEMBRE   |                  |                     |     |                               |   |       |     |       |     |       |     |       |     |       |      |       |     |       |                                  |                           |         |         |      |    |  |
| VALOR ANUAL |                  |                     |     |                               |   |       |     |       |     |       |     |       |     |       |      |       |     |       |                                  |                           |         |         |      |    |  |



M142 SARAGURO INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |      |      | Número de días con precipitación |      |    |    |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|---------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|------|------|----------------------------------|------|----|----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |         | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | día  |      |                                  |      |    |    |
|             |                       | Máxima                                | día | Mínima      | día  | Mensual |                      |            |       |         |                        |                           |                   |      |      |                                  |      |    |    |
| ENERO       |                       |                                       |     | 21.5        | 11.4 |         |                      |            |       |         |                        | 39.1                      | 16.0              | 7    | 19   |                                  |      |    |    |
| FEBRERO     |                       |                                       |     | 23.1        |      | 15.8    |                      |            | 83    | 12.5    | 14.6                   | 67.0                      | 23.5              | 19   | 15   |                                  |      |    |    |
| MARZO       |                       | 24.5                                  | 10  | 22.6        |      | 15.6    |                      |            | 82    | 12.3    | 14.4                   | 187.1                     | 63.5              | 11   | 18   |                                  |      |    |    |
| ABRIL       |                       |                                       |     | 23.0        |      | 15.9    |                      |            | 82    | 12.5    | 14.5                   | 79.4                      | 19.8              | 18   | 23   |                                  |      |    |    |
| MAYO        |                       |                                       |     | 21.3        | 11.3 | 15.4    |                      |            | 80    | 11.6    | 13.8                   | 89.3                      | 26.6              | 26   | 19   |                                  |      |    |    |
| JUNIO       |                       |                                       |     | 20.3        | 10.2 | 14.6    |                      |            | 75    | 9.9     | 12.3                   | 10.0                      |                   |      |      |                                  |      |    |    |
| JULIO       |                       |                                       |     |             | 10.0 | 14.8    |                      |            | 73    | 9.9     | 12.3                   | 30.5                      |                   |      |      |                                  |      |    |    |
| AGOSTO      |                       |                                       | 6.0 | 14          | 21.3 | 9.7     | 15.0                 | 100        | 22    | 37      | 14                     | 70                        | 9.1               | 11.6 | 28.6 | 5.5                              | 19   | 18 |    |
| SEPTIEMBRE  |                       |                                       | 4.5 | 1           | 22.4 | 8.6     | 14.5                 |            |       | 72      | 8.8                    | 11.5                      | 29.9              | 5.7  | 19   | 14                               |      |    |    |
| OCTUBRE     |                       | 27.5                                  | 18  | 7.6         | 12   | 22.1    | 10.3                 | 14.9       |       | 75      | 9.9                    | 12.3                      | 84.7              | 22.6 | 24   | 16                               |      |    |    |
| NOVIEMBRE   |                       |                                       | 4.6 | 29          | 23.1 | 10.5    | 15.5                 |            |       | 77      | 11.1                   | 13.3                      | 45.9              | 16.0 | 13   | 16                               |      |    |    |
| DICIEMBRE   |                       | 26.8                                  | 8   | 1.5         | 3    | 23.3    | 8.3                  | 14.9       | 96    | 13      | 30                     | 9                         | 68                | 8.3  | 11.4 | 42.5                             | 17.0 | 12 | 10 |
| VALOR ANUAL |                       |                                       |     |             |      |         |                      |            |       |         |                        | 734.0                     |                   |      |      |                                  |      |    |    |

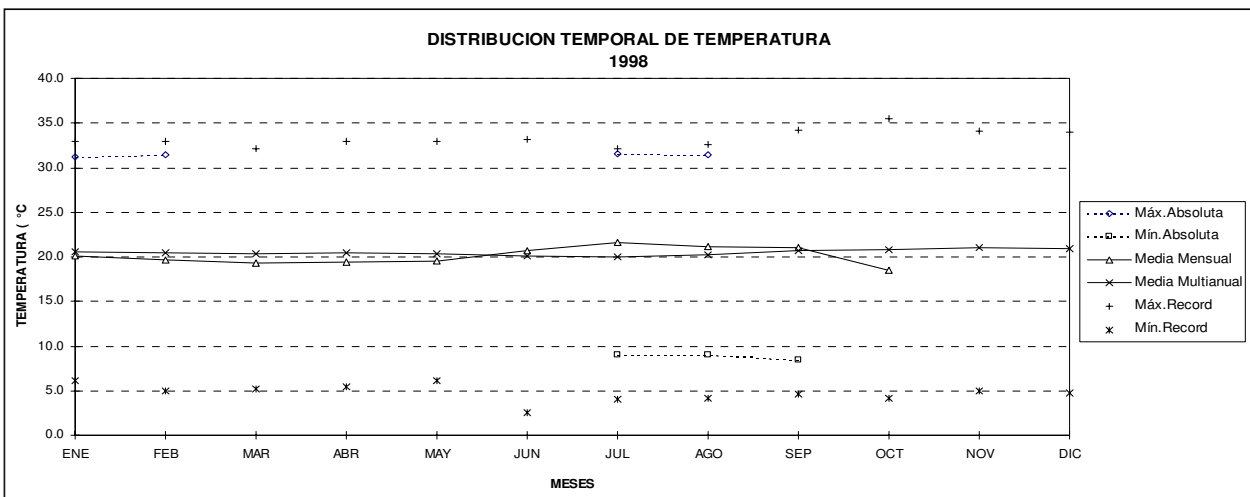
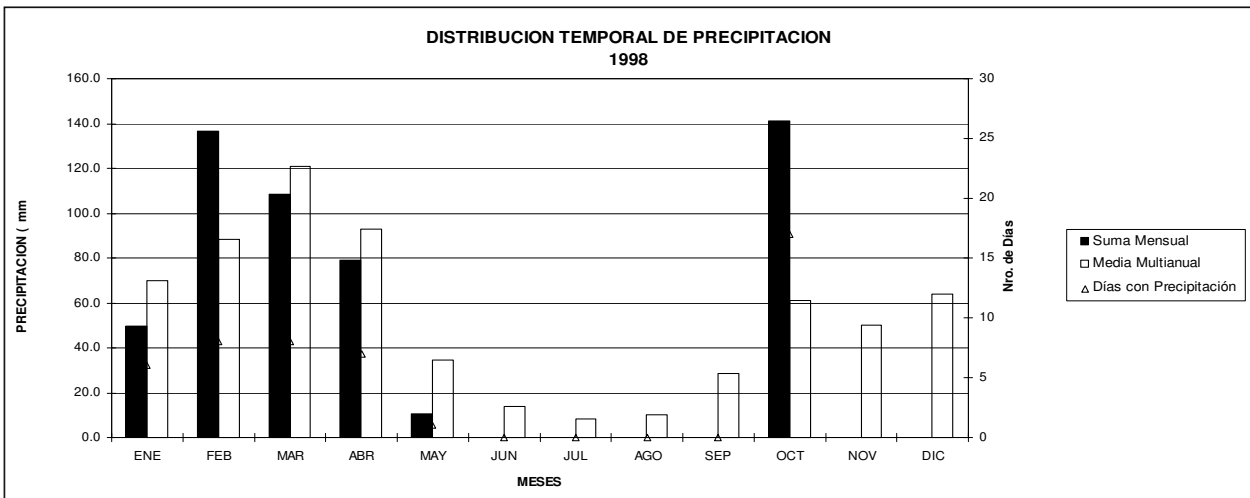
| MES         | EVAPORACION (mm) |                 |       | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |       |         |     |       |     |   |     |    | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |      |    |  |
|-------------|------------------|-----------------|-------|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-------|---------|-----|-------|-----|---|-----|----|------------------------------|---------------------------|------|----|--|
|             | Suma Mensual     | Máxima en 24hrs | día   |                               | N                                       | NE    | E   | SE    | S   | SW    | W   | NW    | CALMA | Nro OBS | DIR |       |     |   |     |    |                              |                           |      |    |  |
|             | (m/s)            | %               | (m/s) |                               | %                                       | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %     | (m/s)   | %   | (m/s) | %   |   |     |    |                              |                           |      |    |  |
| ENERO       |                  |                 |       | 6                             | 2.0                                     | 1     | 4.0 | 5     | 7.0 | 1     | 2.9 | 14    | 0.0   | 0       | 1.0 | 1     | 1.4 | 5 | 4.3 | 16 | 56                           | 93                        | 10.0 | NW |  |
| FEBRERO     |                  |                 |       |                               |   |       |     |       |     |       |     |       |       |         |     |       |     |   |     |    |                              |                           |      |    |  |
| MARZO       |                  |                 |       |                               |   |       |     |       |     |       |     |       |       |         |     |       |     |   |     |    |                              |                           |      |    |  |
| ABRIL       |                  |                 |       | 6                             | 1.0                                     | 1     | 3.2 | 11    | 2.5 | 2     | 4.4 | 34    | 0.0   | 0       | 1.5 | 2     | 1.0 | 1 | 0.0 | 0  | 48                           | 90                        | 10.0 | SE |  |
| MAYO        |                  |                 |       | 6                             | 1.0                                     | 1     | 5.1 | 10    | 1.0 | 1     | 4.0 | 36    | 0.0   | 0       | 1.8 | 4     | 0.0 | 0 | 0.0 | 0  | 48                           | 93                        | 10.0 | NE |  |
| JUNIO       |                  |                 |       |                               |   |       |     |       |     |       |     |       |       |         |     |       |     |   |     |    |                              |                           |      |    |  |
| JULIO       |                  |                 |       |                               |   |       |     |       |     |       |     |       |       |         |     |       |     |   |     |    |                              |                           |      |    |  |
| AGOSTO      |                  |                 |       | 5                             | 1.0                                     | 1     | 5.0 | 10    | 0.0 | 0     | 4.7 | 47    | 4.0   | 2       | 2.0 | 3     | 1.3 | 3 | 2.5 | 2  | 31                           | 93                        | 12.0 | SE |  |
| SEPTIEMBRE  |                  |                 |       |                               |   |       |     |       |     |       |     |       |       |         |     |       |     |   |     |    |                              |                           |      |    |  |
| OCTUBRE     |                  |                 |       | 6                             | 0.0                                     | 0     | 4.3 | 10    | 2.5 | 2     | 5.0 | 26    | 0.0   | 0       | 1.0 | 3     | 0.0 | 0 | 5.2 | 5  | 54                           | 93                        | 12.0 | SE |  |
| NOVIEMBRE   |                  |                 |       |                               |   |       |     |       |     |       |     |       |       |         |     |       |     |   |     |    |                              |                           |      |    |  |
| DICIEMBRE   |                  |                 |       | 5                             | 0.0                                     | 0     | 5.1 | 16    | 4.0 | 1     | 4.5 | 14    | 0.0   | 0       | 6.0 | 2     | 0.0 | 0 | 6.1 | 14 | 53                           | 93                        | 12.0 | NW |  |
| VALOR ANUAL |                  |                 |       | 5                             |   |       |     |       |     |       |     |       |       |         |     |       |     |   |     |    |                              |                           |      |    |  |



M143 MALACATOS INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | día | Mínima      | día  | Mensual |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |
| ENERO       |                       | 31.2                                  | 3   | 29.5        | 8.6  | 20.1    | 100                  | 8   | 57     | 13  | 87    | 17.9                   | 22.6                      | 49.7              | 12.5            | 9   | 6                                |
| FEBRERO     |                       | 31.4                                  | 21  | 29.9        | 8.0  | 19.6    | 100                  | 25  | 61     | 24  | 89    | 17.7                   | 22.5                      | 136.4             | 32.7            | 28  | 8                                |
| MARZO       |                       |                                       |     | 30.0        | 7.6  | 19.3    |                      |     |        |     | 89    | 17.4                   | 22.2                      | 108.6             | 32.3            | 27  | 8                                |
| ABRIL       |                       |                                       |     | 29.4        | 8.2  | 19.4    | 100                  | 6   | 40     | 16  | 89    | 17.4                   | 21.9                      | 79.2              | 19.1            | 8   | 7                                |
| MAYO        |                       |                                       |     | 29.0        | 8.3  | 19.5    |                      |     |        |     | 92    | 18.1                   | 22.7                      | 10.6              | 10.6            | 15  | 1                                |
| JUNIO       |                       |                                       |     | 28.5        | 10.0 | 20.7    |                      |     |        |     | 88    | 18.6                   | 22.1                      | 0.0               | 0.0             | 1   | 0                                |
| JULIO       |                       | 31.6                                  | 11  | 30.2        | 10.2 | 21.6    | 99                   | 5   | 69     | 17  | 88    | 19.7                   | 25.2                      | 0.0               | 0.0             | 1   | 0                                |
| AGOSTO      |                       | 31.4                                  | 3   | 30.0        | 9.5  | 21.2    | 99                   | 7   | 65     | 24  | 89    | 19.3                   | 24.6                      | 0.0               | 0.0             | 1   | 0                                |
| SEPTIEMBRE  |                       |                                       |     | 29.8        | 9.8  | 21.0    | 99                   | 28  | 64     | 23  | 87    | 18.7                   | 23.7                      | 0.0               | 0.0             | 1   | 0                                |
| OCTUBRE     |                       |                                       | 8.4 | 29.3        | 7.3  | 18.5    | 99                   | 8   | 80     | 1   | 91    | 17.0                   | 21.8                      | 141.1             | 18.2            | 31  | 17                               |
| NOVIEMBRE   |                       |                                       |     |             |      |         |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |
| DICIEMBRE   |                       |                                       |     |             |      |         |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |
| VALOR ANUAL |                       |                                       |     |             |      |         |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |

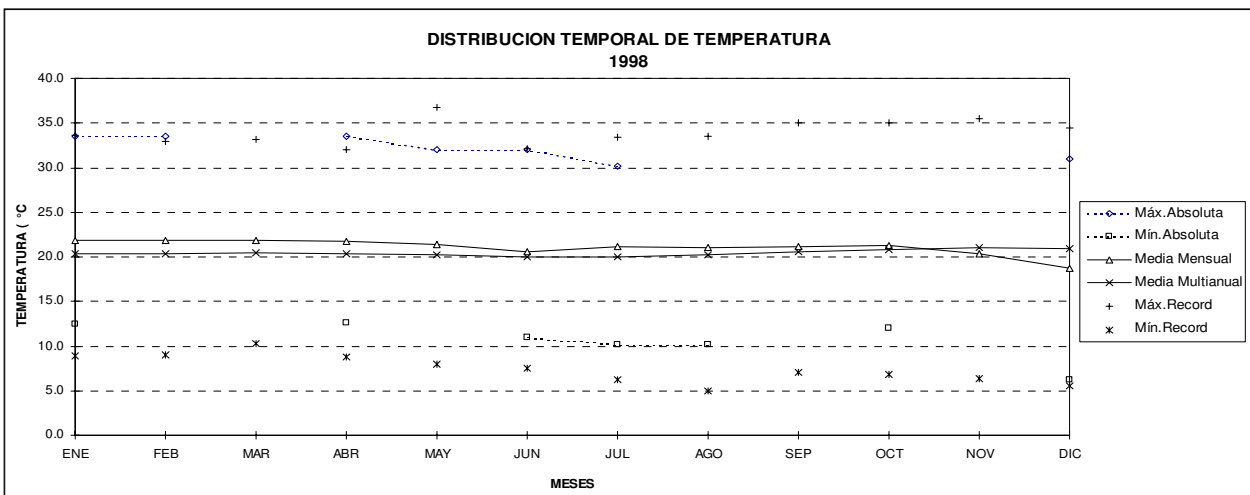
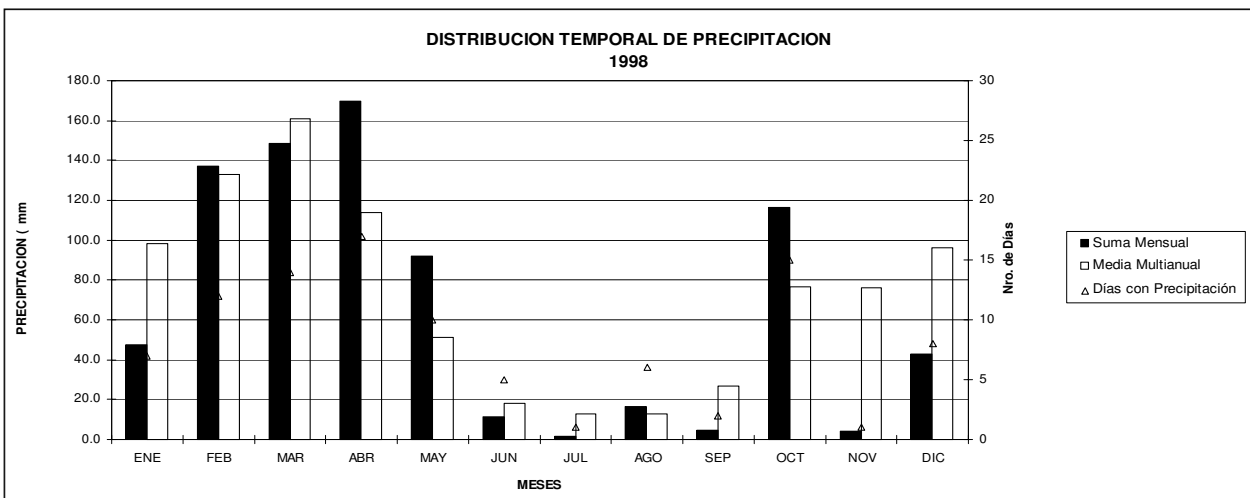
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |    |     |       |     |    |     |       |         |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |     |       |      |   |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|---|-------|----|-----|-------|-----|----|-----|-------|---------|-------|----------------------------------|---------------------------|-----|-------|------|---|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E | SE    |    | S   | SW    |     | W  | NW  | CALMA | Nro OBS |       |                                  |                           |     |       |      |   |
|             |                  |                 |     |                               |   | (m/s) | %   |   | (m/s) | %  |     | (m/s) | %   |    |     |       |         | (m/s) |                                  |                           | %   | (m/s) | %    |   |
| ENERO       |                  |                 |     | 4                             | 5.6                                     | 10    | 0.0 | 0 | 0.0   | 0  | 0.0 | 0     | 4.4 | 16 | 0.0 | 0     | 0.0     | 0     | 74                               | 93                        | 8.0 | S     |      |   |
| FEBRERO     |                  |                 |     | 4                             | 6.0                                     | 7     | 0.0 | 0 | 8.0   | 1  | 0.0 | 0     | 5.1 | 8  | 0.0 | 0     | 8.0     | 1     | 0.0                              | 0                         | 82  | 84    | 10.0 | N |
| MARZO       |                  |                 |     |                               |   |       |     |   |       |    |     |       |     |    |     |       |         |       |                                  |                           |     |       |      |   |
| ABRIL       |                  |                 |     |                               |   |       |     |   |       |    |     |       |     |    |     |       |         |       |                                  |                           |     |       |      |   |
| MAYO        |                  |                 |     |                               |   |       |     |   |       |    |     |       |     |    |     |       |         |       |                                  |                           |     |       |      |   |
| JUNIO       |                  |                 |     | 0                             | 6.1                                     | 16    | 0.0 | 0 | 2.8   | 6  | 0.0 | 0     | 4.7 | 3  | 4.0 | 1     | 4.3     | 7     | 0.0                              | 0                         | 68  | 90    | 10.0 | N |
| JULIO       |                  |                 |     | 4                             | 7.1                                     | 23    | 0.0 | 0 | 0.0   | 0  | 0.0 | 0     | 6.8 | 29 | 0.0 | 0     | 5.0     | 2     | 0.0                              | 0                         | 46  | 93    | 10.0 | N |
| AGOSTO      |                  |                 |     | 4                             | 6.0                                     | 5     | 0.0 | 0 | 0.0   | 0  | 0.0 | 0     | 4.9 | 15 | 0.0 | 0     | 0.0     | 0     | 0.0                              | 0                         | 80  | 93    | 8.0  | S |
| SEPTIEMBRE  |                  |                 |     | 4                             | 4.9                                     | 14    | 0.0 | 0 | 6.0   | 11 | 0.0 | 0     | 5.6 | 29 | 0.0 | 0     | 5.0     | 2     | 0.0                              | 0                         | 43  | 90    | 10.0 | S |
| OCTUBRE     |                  |                 |     | 6                             | 6.3                                     | 7     | 0.0 | 0 | 6.0   | 1  | 0.0 | 0     | 5.4 | 22 | 0.0 | 0     | 0.0     | 0     | 0.0                              | 0                         | 71  | 93    | 8.0  | N |
| NOVIEMBRE   |                  |                 |     |                               |   |       |     |   |       |    |     |       |     |    |     |       |         |       |                                  |                           |     |       |      |   |
| DICIEMBRE   |                  |                 |     |                               |   |       |     |   |       |    |     |       |     |    |     |       |         |       |                                  |                           |     |       |      |   |
| VALOR ANUAL |                  |                 |     |                               |   |       |     |   |       |    |     |       |     |    |     |       |         |       |                                  |                           |     |       |      |   |



**M144** **VILCABAMBA** **INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                    |      | Número<br>de días con<br>precipitación |         |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|--------|----------------------|-----|--------|-----|-------|---------------------------|------------------------------|-------------------|--------------------|------|--|---------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        |        | Máxima               | día | Mínima | día | Media |                           |                              | Mensual           | Máxima en<br>24hrs | día  |  |         |
|             |                       | Máxima                                | día | Mínima      | día | Máxima | Mínima |                      |     |        |     |       |                           |                              |                   |                    |      |  | Mensual |
| ENERO       |                       | 33.5                                  | 9   | 12.5        | 6   | 29.6   | 15.6   | 21.8                 | 94  | 6      | 58  | 26    | 81                        | 18.2                         | 21.4              | 47.7               | 36.6 | 7                                      | 7       |
| FEBRERO     |                       | 33.5                                  | 9   |             |     | 29.3   | 15.9   | 21.9                 | 96  | 7      | 61  | 16    | 82                        | 18.6                         | 21.8              | 136.9              | 45.8 | 8                                      | 12      |
| MARZO       |                       |                                       |     |             |     | 28.6   | 16.3   | 21.8                 |     |        |     |       | 85                        | 19.2                         | 22.5              | 148.7              | 31.4 | 27                                     | 14      |
| ABRIL       |                       | 33.5                                  | 13  | 12.6        | 9   | 28.6   | 16.3   | 21.7                 | 98  | 5      | 59  | 8     | 87                        | 19.4                         | 22.8              | 169.7              | 35.5 | 18                                     | 17      |
| MAYO        |                       | 32.0                                  | 21  |             |     | 28.2   | 15.4   | 21.4                 | 100 | 5      | 64  | 22    | 86                        | 18.8                         | 22.0              | 92.0               | 35.6 | 4                                      | 10      |
| JUNIO       |                       | 32.0                                  | 20  | 11.0        | 24  | 27.3   | 14.8   | 20.6                 | 98  | 1      | 71  | 30    | 89                        | 18.7                         | 21.9              | 11.4               | 4.2  | 21                                     | 5       |
| JULIO       |                       | 30.2                                  | 8   | 10.2        | 8   | 27.4   | 15.4   | 21.1                 |     |        |     |       | 89                        | 19.1                         | 22.6              | 1.6                | 1.6  | 21                                     | 1       |
| AGOSTO      |                       |                                       |     | 10.2        | 13  | 28.1   | 14.4   | 21.0                 |     |        |     |       | 90                        | 19.3                         | 23.0              | 16.4               | 7.8  | 7                                      | 6       |
| SEPTIEMBRE  |                       |                                       |     |             |     | 29.5   | 12.9   | 21.2                 | 98  | 1      | 64  | 16    | 94                        | 20.1                         | 24.7              | 4.6                | 4.1  | 29                                     | 2       |
| OCTUBRE     |                       |                                       |     | 12.0        | 5   | 28.4   | 15.1   | 21.3                 |     |        |     |       | 87                        | 19.0                         | 22.7              | 116.6              | 20.6 | 23                                     | 15      |
| NOVIEMBRE   |                       |                                       |     |             |     | 29.3   | 8.3    | 20.3                 | 99  | 15     | 56  | 6     | 90                        | 18.5                         | 23.4              | 4.2                | 4.2  | 5                                      | 1       |
| DICIEMBRE   |                       | 31.0                                  | 2   | 6.2         | 9   | 28.6   | 8.1    | 18.7                 | 100 | 3      | 50  | 6     | 91                        | 17.1                         | 21.5              | 43.0               | 10.4 | 22                                     | 8       |
| VALOR ANUAL |                       |                                       |     |             |     | 28.5   | 14.0   | 21.0                 |     |        |     |       | 87                        | 18.8                         | 22.5              | 792.8              | 45.8 |  |         |

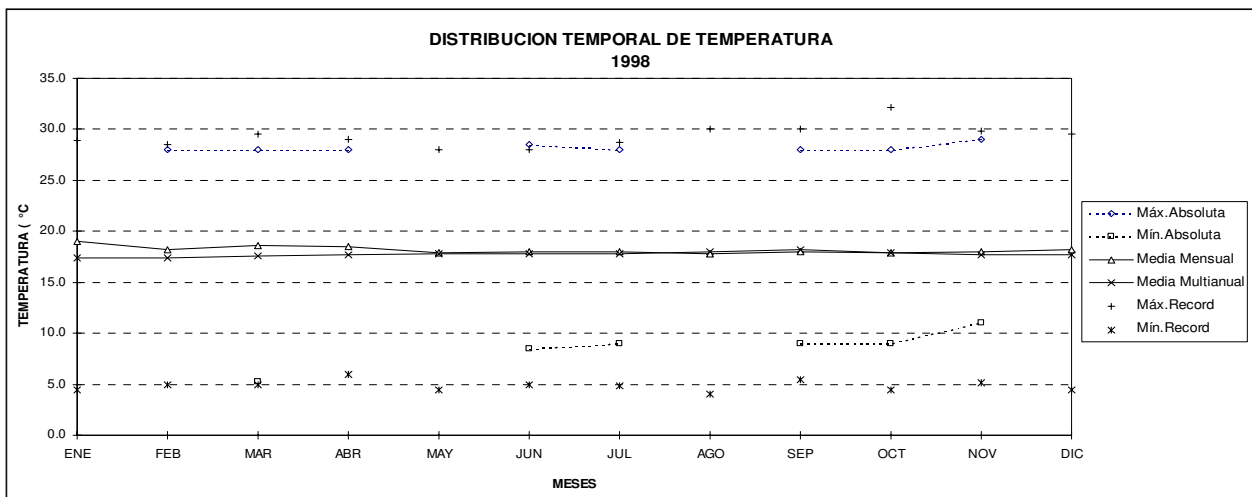
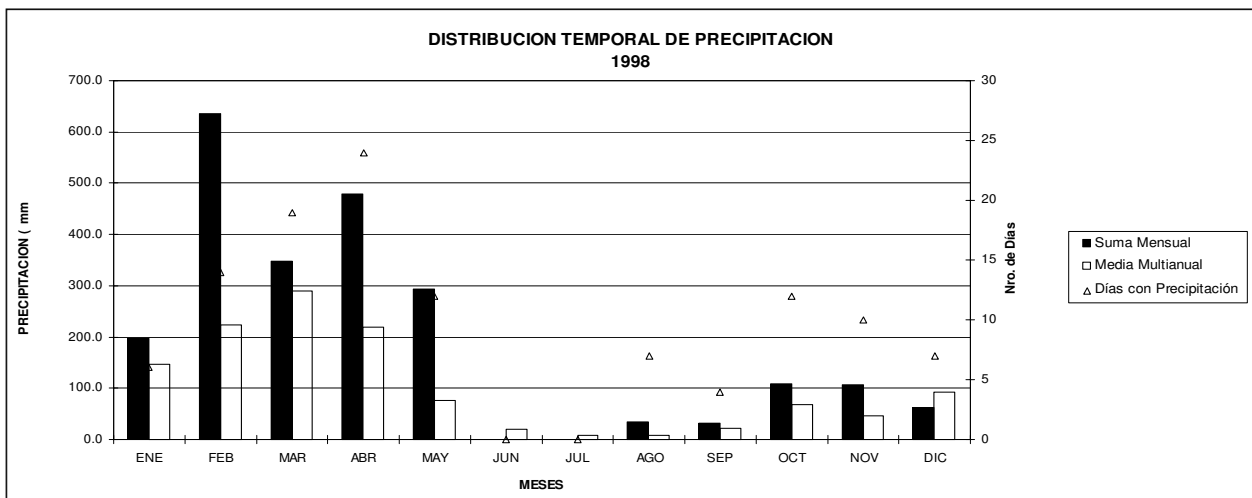
| MES         | EVAPORACION (mm) |                        |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |     |     |       |     |    |       |     |            |            | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |       |     |      |    |
|-------------|------------------|------------------------|-----|-------------------------------|---|-------|-----|----|-------|-----|-----|-------|-----|----|-------|-----|------------|------------|---------------------------------|------------------------------|-------|-----|------|----|
|             | Suma<br>Mensual  | Máxima en<br>24hrs día |     |                               | N                                       | NE    |     | E  | SE    |     | S   | SW    |     | W  | NW    |     | CALMA<br>% | Nro<br>OBS |                                 |                              |       |     |      |    |
|             |                  | (m/s)                  | (%) |                               |   | (m/s) | (%) |    | (m/s) | (%) |     | (m/s) | (%) |    | (m/s) | (%) |            |            |                                 |                              | (m/s) | (%) |      |    |
| ENERO       |                  |                        |     | 5                             | 0.0                                     | 0     | 2.2 | 14 | 0.0   | 0   | 2.0 | 3     | 3.0 | 4  | 3.3   | 7   | 0.0        | 0          | 3.3                             | 3                            | 69    | 93  | 6.0  | SW |
| FEBRERO     |                  |                        |     | 6                             | 0.0                                     | 0     | 2.9 | 13 | 0.0   | 0   | 2.0 | 2     | 0.0 | 0  | 5.7   | 7   | 0.0        | 0          | 2.8                             | 10                           | 68    | 84  | 10.0 | SW |
| MARZO       |                  |                        |     | 6                             | 0.0                                     | 0     | 2.6 | 11 | 0.0   | 0   | 2.0 | 3     | 4.0 | 3  | 2.4   | 5   | 0.0        | 0          | 2.0                             | 7                            | 71    | 93  | 4.0  | S  |
| ABRIL       |                  |                        |     | 6                             | 0.0                                     | 0     | 2.2 | 11 | 0.0   | 0   | 2.4 | 6     | 0.0 | 0  | 3.0   | 7   | 0.0        | 0          | 2.4                             | 6                            | 71    | 90  | 4.0  | SW |
| MAYO        |                  |                        |     | 5                             | 0.0                                     | 0     | 2.5 | 13 | 0.0   | 0   | 4.3 | 14    | 6.0 | 2  | 5.1   | 16  | 0.0        | 0          | 4.0                             | 8                            | 47    | 93  | 10.0 | SW |
| JUNIO       |                  |                        |     | 5                             | 0.0                                     | 0     | 2.4 | 6  | 0.0   | 0   | 2.8 | 18    | 7.0 | 2  | 5.1   | 30  | 0.0        | 0          | 3.5                             | 4                            | 40    | 90  | 10.0 | SW |
| JULIO       |                  |                        |     | 5                             | 0.0                                     | 0     | 3.1 | 12 | 0.0   | 0   | 3.1 | 25    | 6.5 | 4  | 4.7   | 23  | 0.0        | 0          | 2.0                             | 2                            | 34    | 93  | 12.0 | S  |
| AGOSTO      |                  |                        |     | 5                             | 0.0                                     | 0     | 2.5 | 7  | 0.0   | 0   | 3.7 | 15    | 5.0 | 2  | 3.5   | 24  | 0.0        | 0          | 2.3                             | 8                            | 45    | 93  | 8.0  | SW |
| SEPTIEMBRE  |                  |                        |     | 4                             | 0.0                                     | 0     | 3.2 | 7  | 0.0   | 0   | 2.6 | 8     | 0.0 | 0  | 2.3   | 3   | 0.0        | 0          | 2.5                             | 4                            | 78    | 90  | 5.0  | NE |
| OCTUBRE     |                  |                        |     | 5                             | 0.0                                     | 0     | 2.1 | 17 | 0.0   | 0   | 2.9 | 10    | 0.0 | 0  | 2.8   | 9   | 0.0        | 0          | 2.5                             | 4                            | 60    | 93  | 4.0  | SE |
| NOVIEMBRE   |                  |                        |     | 4                             | 6.6                                     | 14    | 0.0 | 0  | 7.3   | 3   | 0.0 | 0     | 5.3 | 20 | 0.0   | 0   | 4.0        | 1          | 0.0                             | 0                            | 61    | 90  | 10.0 | N  |
| DICIEMBRE   |                  |                        |     | 4                             |   |       |     |    |       |     |     |       |     |    |       |     |            |            |                                 |                              |       |     |      |    |
| VALOR ANUAL |                  |                        |     | 5                             |   |       |     |    |       |     |     |       |     |    |       |     |            |            |                                 |                              |       |     |      |    |



M146 CARIAMANGA INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |         | Número de días con precipitación |      |    |    |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|---------|----------------------------------|------|----|----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | Mínima en 24hrs | Mensual |                                  |      |    |    |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |            |       |         |                        |                           |                   |                 |         |                                  |      |    |    |
| ENERO       |                       |                                       |        | 26.4        |        | 19.0    |                      |            |       | 89      | 17.1                   | 20.0                      | 196.9             | 71.2            | 6       | 6                                |      |    |    |
| FEBRERO     |                       | 28.0                                  | 16     | 25.9        | 6.6    | 18.2    |                      |            |       | 87      | 16.0                   | 18.6                      | 636.3             | 121.4           | 20      | 14                               |      |    |    |
| MARZO       |                       | 28.0                                  | 9      | 5.3         | 8      | 25.4    | 8.8                  | 18.6       |       | 89      | 16.7                   | 19.4                      | 347.9             | 61.9            | 1       | 19                               |      |    |    |
| ABRIL       |                       | 28.0                                  | 23     |             |        | 24.8    | 10.2                 | 18.5       |       | 91      | 16.9                   | 19.6                      | 479.5             | 77.7            | 11      | 24                               |      |    |    |
| MAYO        |                       |                                       |        | 26.0        | 12.4   | 17.9    |                      |            |       | 89      | 15.9                   | 18.6                      | 293.7             | 57.5            | 26      | 12                               |      |    |    |
| JUNIO       |                       | 28.5                                  | 28     | 8.5         | 5      | 27.0    | 11.1                 | 18.0       | 98    | 18      | 73                     | 11                        | 88                | 16.0            | 18.9    | 0.0                              | 0.0  | 1  | 0  |
| JULIO       |                       | 28.0                                  | 11     | 9.0         | 14     | 26.5    | 11.5                 | 18.0       | 98    | 9       | 69                     | 17                        | 86                | 15.6            | 18.2    | 0.0                              | 0.0  | 1  | 0  |
| AGOSTO      |                       |                                       |        | 26.4        | 11.0   | 17.8    |                      |            |       | 88      | 15.7                   | 18.4                      | 34.6              | 21.2            | 8       | 7                                |      |    |    |
| SEPTIEMBRE  |                       | 28.0                                  | 2      | 9.0         | 2      | 26.6    | 10.5                 | 18.0       | 98    | 5       | 74                     | 3                         | 89                | 16.2            | 19.1    | 31.7                             | 23.8 | 28 | 4  |
| OCTUBRE     |                       | 28.0                                  | 13     | 9.0         | 18     | 26.2    | 11.0                 | 17.9       | 98    | 2       | 69                     | 20                        | 90                | 16.1            | 18.9    | 107.8                            | 22.9 | 16 | 12 |
| NOVIEMBRE   |                       | 29.0                                  | 30     | 11.0        | 8      | 26.4    | 13.0                 | 18.0       | 98    | 10      | 70                     | 13                        | 90                | 16.3            | 18.9    | 107.1                            | 19.2 | 11 | 10 |
| DICIEMBRE   |                       |                                       |        | 26.5        | 11.1   | 18.2    |                      |            |       | 90      | 16.6                   | 19.6                      | 62.0              | 18.8            | 28      | 7                                |      |    |    |
| VALOR ANUAL |                       |                                       |        | 26.1        |        | 18.1    |                      |            |       | 88      | 16.2                   | 19.0                      | 2297.5            | 121.4           |         |                                  |      |    |    |

| MES         | EVAPORACION (mm) |                 |                 | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |   |     |       |     |   |       |   |         |         | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |       |    |       |    |
|-------------|------------------|-----------------|-----------------|-------------------------------|---|-------|-----|----|-------|---|-----|-------|-----|---|-------|---|---------|---------|------------------------------|---------------------------|-------|----|-------|----|
|             | Mensual          | Máxima en 24hrs | Mínima en 24hrs |                               | N                                       | NE    |     | E  | SE    |   | S   | SW    |     | W | NW    |   | CALMA % | Nro OBS |                              |                           |       |    |       |    |
|             |                  |                 |                 |                               |   | (m/s) | %   |    | (m/s) | % |     | (m/s) | %   |   | (m/s) | % |         |         |                              |                           | (m/s) | %  | (m/s) | %  |
| ENERO       |                  |                 |                 | 5                             | 2.0                                     | 2     | 2.5 | 2  | 0.0   | 0 | 2.7 | 10    | 0.0 | 0 | 0.0   | 0 | 0.0     | 0       | 0.0                          | 0                         | 86    | 93 | 3.0   | SE |
| FEBRERO     |                  |                 |                 | 6                             | 0.0                                     | 0     | 2.3 | 4  | 0.0   | 0 | 2.8 | 5     | 0.0 | 0 | 4.0   | 1 | 0.0     | 0       | 0.0                          | 0                         | 91    | 84 | 4.0   | SW |
| MARZO       |                  |                 |                 | 6                             | 2.0                                     | 2     | 1.8 | 13 | 0.0   | 0 | 1.8 | 13    | 0.0 | 0 | 1.0   | 2 | 0.0     | 0       | 1.0                          | 1                         | 68    | 90 | 3.0   | SE |
| MAYO        |                  |                 |                 | 4                             | 2.4                                     | 5     | 2.9 | 8  | 0.0   | 0 | 2.8 | 11    | 0.0 | 0 | 0.0   | 0 | 0.0     | 0       | 0.0                          | 0                         | 76    | 93 | 6.0   | NE |
| JUNIO       |                  |                 |                 | 3                             | 2.0                                     | 13    | 3.4 | 8  | 0.0   | 0 | 3.1 | 16    | 2.0 | 1 | 5.3   | 3 | 0.0     | 0       | 0.0                          | 0                         | 59    | 90 | 7.0   | NE |
| JULIO       |                  |                 |                 | 3                             | 1.8                                     | 5     | 2.9 | 11 | 0.0   | 0 | 4.2 | 19    | 0.0 | 0 | 3.3   | 8 | 0.0     | 0       | 0.0                          | 0                         | 57    | 93 | 7.0   | SW |
| AGOSTO      |                  |                 |                 | 4                             | 2.3                                     | 8     | 3.9 | 8  | 0.0   | 0 | 4.3 | 13    | 0.0 | 0 | 0.0   | 0 | 0.0     | 0       | 0.0                          | 0                         | 71    | 90 | 6.0   | SE |
| SEPTIEMBRE  |                  |                 |                 | 5                             | 2.3                                     | 4     | 3.0 | 5  | 0.0   | 0 | 3.9 | 8     | 0.0 | 0 | 2.0   | 1 | 0.0     | 0       | 0.0                          | 0                         | 82    | 93 | 6.0   | SE |
| OCTUBRE     |                  |                 |                 | 5                             | 2.0                                     | 3     | 2.0 | 2  | 0.0   | 0 | 3.0 | 3     | 0.0 | 0 | 0.0   | 0 | 0.0     | 0       | 0.0                          | 0                         | 91    | 90 | 4.0   | SE |
| NOVIEMBRE   |                  |                 |                 | 5                             |   |       |     |    |       |   |     |       |     |   |       |   |         |         |                              |                           |       |    |       |    |
| DICIEMBRE   |                  |                 |                 | 4                             |   |       |     |    |       |   |     |       |     |   |       |   |         |         |                              |                           |       |    |       |    |
| VALOR ANUAL |                  |                 |                 | 4                             |   |       |     |    |       |   |     |       |     |   |       |   |         |         |                              |                           |       |    |       |    |

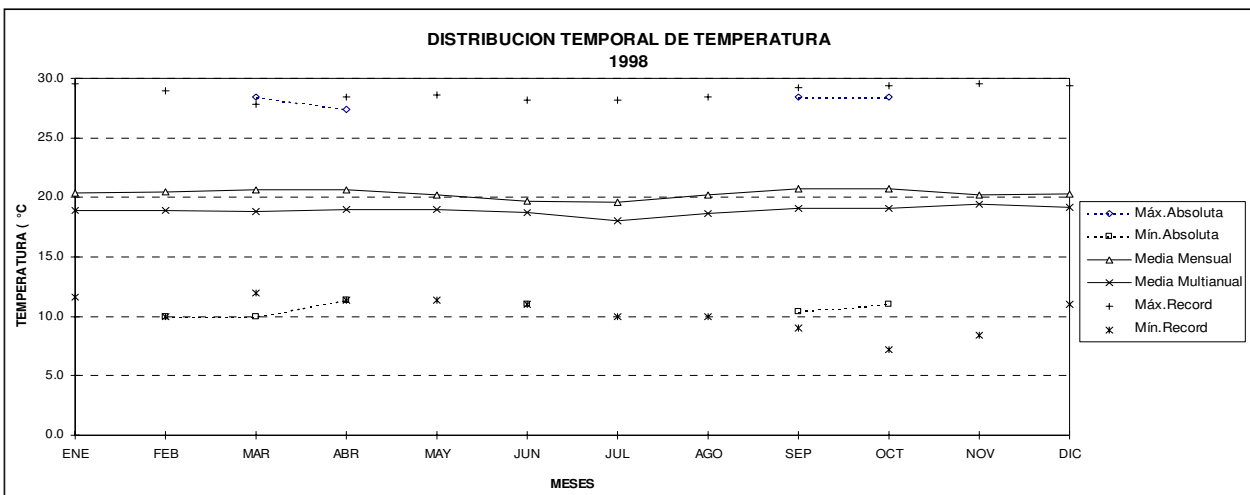
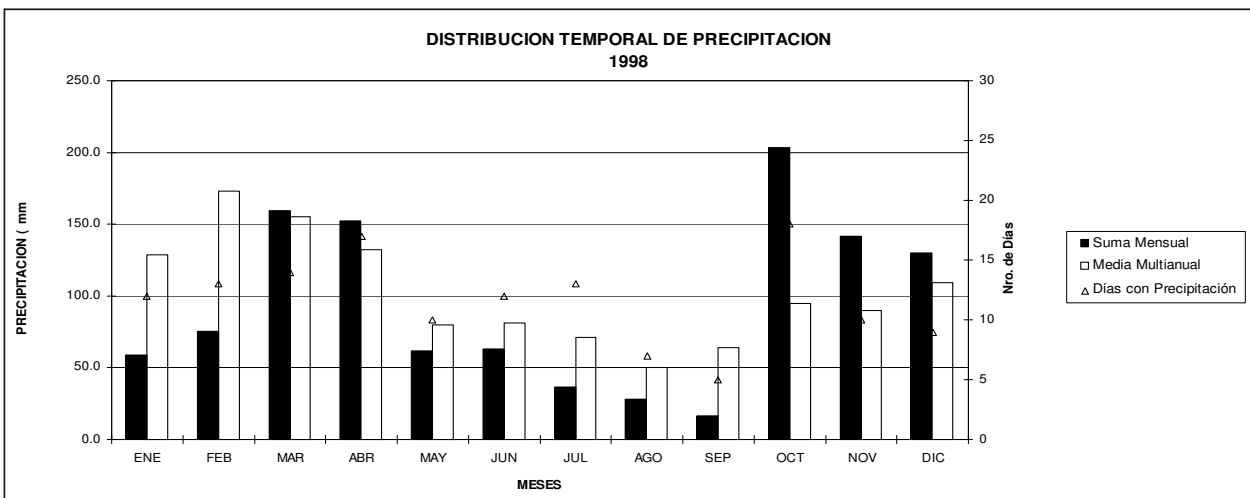




M147 YANGANA INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |        |       | Número de días con precipitación |    |    |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|--------|-------|----------------------------------|----|----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | día    |       |                                  |    |    |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |            |       |         |                        |                           |                   |        |       |                                  |    |    |
| ENERO       |                       |                                       |        | 24.8        | 15.6   | 20.4    |                      |            |       | 92      | 19.2                   | 22.3                      | 58.9              | 14.0   | 9     | 12                               |    |    |
| FEBRERO     |                       |                                       | 10.0   | 4           | 24.9   | 15.4    | 20.5                 |            |       |         | 92                     | 19.3                      | 22.5              | 75.6   | 15.0  | 8                                | 13 |    |
| MARZO       | 28.4                  | 7                                     | 10.0   | 8           | 24.9   | 15.4    | 20.6                 |            |       |         | 93                     | 19.4                      | 22.7              | 159.2  | 44.4  | 11                               | 14 |    |
| ABRIL       | 27.4                  | 16                                    | 11.4   | 17          | 25.1   | 15.4    | 20.6                 | 98         | 3     | 79      | 7                      | 93                        | 19.4              | 22.7   | 152.1 | 40.2                             | 10 | 17 |
| MAYO        |                       |                                       |        |             | 24.7   | 14.6    | 20.2                 |            |       |         | 95                     | 19.4                      | 22.7              | 61.8   | 19.2  | 6                                | 10 |    |
| JUNIO       |                       |                                       | 11.0   | 11          | 23.1   | 14.0    | 19.7                 | 98         | 1     | 64      | 25                     | 93                        | 18.4              | 21.3   | 63.4  | 11.8                             | 12 | 12 |
| JULIO       |                       |                                       |        |             | 23.2   | 14.2    | 19.6                 |            |       |         | 95                     | 18.7                      | 21.7              | 36.4   | 4.7   | 23                               | 13 |    |
| AGOSTO      |                       |                                       |        |             | 24.6   | 14.1    | 20.2                 |            |       |         | 94                     | 19.3                      | 22.6              | 28.1   | 8.6   | 29                               | 7  |    |
| SEPTIEMBRE  | 28.4                  | 20                                    | 10.4   | 4           | 26.0   | 13.4    | 20.7                 |            |       |         | 95                     | 19.9                      | 23.6              | 16.5   | 5.8   | 14                               | 5  |    |
| OCTUBRE     | 28.4                  | 12                                    | 11.0   | 6           | 25.2   | 13.6    | 20.7                 |            |       |         | 93                     | 19.5                      | 22.9              | 203.6  | 40.4  | 22                               | 18 |    |
| NOVIEMBRE   |                       |                                       |        |             | 25.1   | 13.5    | 20.2                 |            |       |         | 93                     | 19.2                      | 22.5              | 141.4  | 57.2  | 20                               | 10 |    |
| DICIEMBRE   |                       |                                       |        |             | 25.9   | 12.1    | 20.3                 |            |       |         | 94                     | 19.1                      | 22.7              | 130.1  | 92.0  | 29                               | 9  |    |
| VALOR ANUAL |                       |                                       |        |             | 24.7   | 14.2    | 20.3                 |            |       |         | 93                     | 19.2                      | 22.5              | 1127.1 | 92.0  |                                  |    |    |

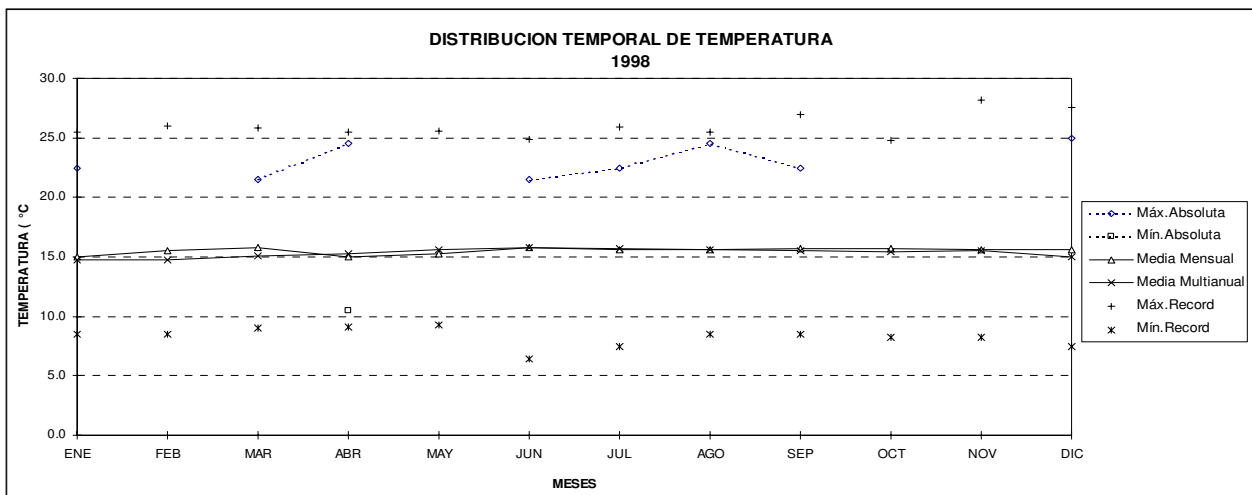
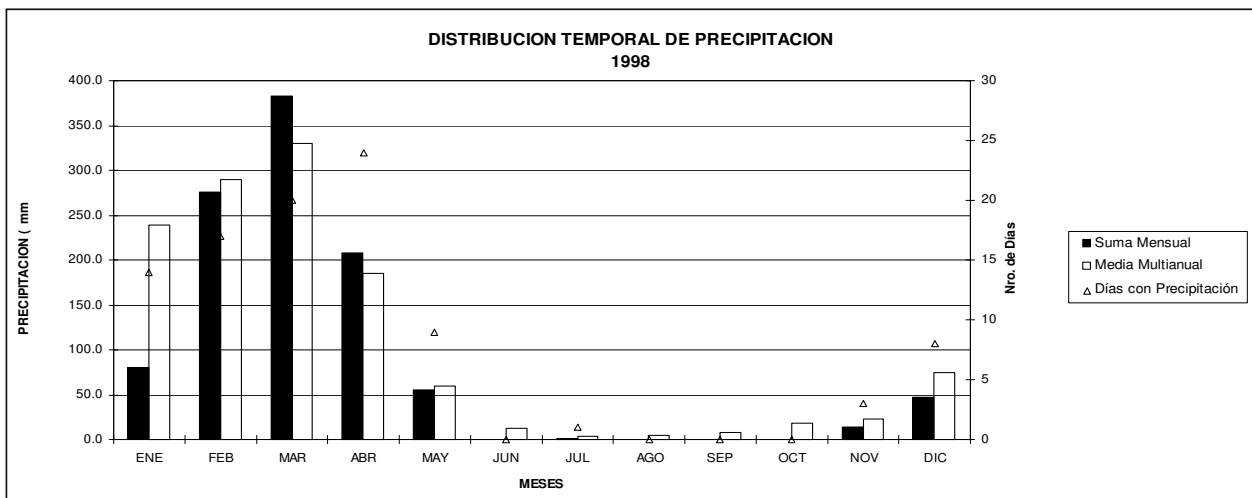
| MES         | EVAPORACION (mm) |                     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |       |    |       |    |       |    |       |         |       |    |       |   |     |   | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |      |    |
|-------------|------------------|---------------------|-------------------------------|---|----|-------|----|-------|----|-------|----|-------|---------|-------|----|-------|---|-----|---|----------------------------------|---------------------------|------|----|
|             | Suma Mensual     | Máxima en 24hrs día |                               | N                                       | NE | E     | SE | S     | SW | W     | NW | CALMA | Nro OBS |       |    |       |   |     |   |                                  |                           |      |    |
|             | (m/s)            | %                   |                               | (m/s)                                   | %  | (m/s) | %  | (m/s) | %  | (m/s) | %  | (m/s) | %       | (m/s) | %  | (m/s) | % |     |   |                                  |                           |      |    |
| ENERO       |                  |                     | 6                             | 0.0                                     | 0  | 6.7   | 7  | 2.0   | 1  | 10.5  | 57 | 0.0   | 0       | 7.5   | 29 | 2.0   | 1 | 4.7 | 4 | 1                                | 84                        | 20.0 | SW |
| FEBRERO     |                  |                     | 6                             | 0.0                                     | 0  | 5.0   | 7  | 2.0   | 3  | 12.1  | 53 | 0.0   | 0       | 7.0   | 30 | 0.0   | 0 | 4.0 | 4 | 3                                | 93                        | 20.0 | SE |
| MARZO       |                  |                     | 5                             | 0.0                                     | 0  | 5.0   | 2  | 2.0   | 2  | 8.8   | 57 | 8.0   | 1       | 5.6   | 33 | 0.0   | 0 | 4.0 | 3 | 1                                | 90                        | 20.0 | SE |
| ABRIL       |                  |                     | 6                             | 0.0                                     | 0  | 0.0   | 0  | 8.0   | 1  | 13.9  | 73 | 0.0   | 0       | 10.3  | 26 | 0.0   | 0 | 0.0 | 0 | 0                                | 90                        | 20.0 | SE |
| MAYO        |                  |                     | 4                             | 0.0                                     | 0  | 2.0   | 2  | 2.0   | 1  | 12.8  | 69 | 0.0   | 0       | 8.9   | 26 | 2.0   | 1 | 0.0 | 0 | 1                                | 90                        | 20.0 | SE |
| JUNIO       |                  |                     | 5                             |   |    |       |    |       |    |       |    |       |         |       |    |       |   |     |   |                                  |                           |      |    |
| JULIO       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |    |       |   |     |   |                                  |                           |      |    |
| AGOSTO      |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |    |       |   |     |   |                                  |                           |      |    |
| SEPTIEMBRE  |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |    |       |   |     |   |                                  |                           |      |    |
| OCTUBRE     |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |    |       |   |     |   |                                  |                           |      |    |
| NOVIEMBRE   |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |    |       |   |     |   |                                  |                           |      |    |
| DICIEMBRE   |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |    |       |   |     |   |                                  |                           |      |    |
| VALOR ANUAL |                  |                     | 5                             |   |    |       |    |       |    |       |    |       |         |       |    |       |   |     |   |                                  |                           |      |    |



M148 CELICA INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |         |       |      |   |    |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|---------|-------|------|---|----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      | Máxima               | día | Mínima | día | Media |                        |                           | Suma              | Máxima en 24hrs | día  |                                  |         |       |      |   |    |
|             |                       | Máxima                                | día | Mínima      | día  |                      |     |        |     |       |                        |                           |                   |                 |      |                                  | Mensual |       |      |   |    |
| ENERO       |                       | 22.5                                  | 10  | 21.0        | 12.9 | 15.0                 | 100 | 2      | 49  | 31    | 89                     | 13.1                      | 15.2              | 80.6            | 10.9 | 8                                | 14      |       |      |   |    |
| FEBRERO     |                       |                                       |     | 21.1        |      | 15.5                 | 98  | 11     | 56  | 15    | 89                     | 13.6                      | 15.6              | 276.4           | 60.0 | 23                               | 17      |       |      |   |    |
| MARZO       |                       | 21.5                                  | 2   | 20.7        |      | 13.1                 |     | 15.8   |     |       | 90                     | 14.1                      | 16.2              | 382.2           | 70.5 | 27                               | 20      |       |      |   |    |
| ABRIL       |                       | 24.5                                  | 1   | 10.5        | 24   | 21.2                 |     | 13.4   |     | 15.0  | 100                    | 15                        | 80                | 2               | 91   | 13.5                             | 15.5    | 208.5 | 20.0 | 2 | 24 |
| MAYO        |                       |                                       |     | 20.9        |      | 15.3                 |     |        |     |       | 91                     | 13.9                      | 16.0              | 55.0            | 15.7 | 26                               | 9       |       |      |   |    |
| JUNIO       |                       | 21.5                                  | 13  | 20.5        |      | 15.8                 | 100 | 16     | 77  | 29    | 90                     | 14.2                      | 16.3              | 0.0             | 0.0  | 1                                | 0       |       |      |   |    |
| JULIO       |                       | 22.5                                  | 15  | 21.0        |      | 13.5                 | 98  | 11     | 84  | 16    | 92                     | 14.3                      | 16.4              | 1.0             | 1.0  | 16                               | 1       |       |      |   |    |
| AGOSTO      |                       | 24.5                                  | 3   | 21.1        |      | 13.6                 | 100 | 31     | 82  | 23    | 92                     | 14.3                      | 16.4              | 0.0             | 0.0  | 1                                | 0       |       |      |   |    |
| SEPTIEMBRE  |                       | 22.5                                  | 10  | 21.0        |      | 15.7                 | 100 | 16     | 82  | 18    | 92                     | 14.4                      | 16.5              | 0.0             | 0.0  | 1                                | 0       |       |      |   |    |
| OCTUBRE     |                       |                                       |     | 21.1        |      | 13.5                 | 100 | 30     | 73  | 1     | 93                     | 14.4                      | 16.5              | 0.0             | 0.0  | 1                                | 0       |       |      |   |    |
| NOVIEMBRE   |                       |                                       |     | 21.1        |      | 15.6                 | 100 | 10     | 74  | 13    | 92                     | 14.3                      | 16.5              | 13.6            | 5.2  | 5                                | 3       |       |      |   |    |
| DICIEMBRE   |                       | 25.0                                  | 27  | 21.7        |      | 13.5                 | 92  |        |     |       | 92                     | 14.2                      | 16.3              | 46.6            | 10.0 | 22                               | 8       |       |      |   |    |
| VALOR ANUAL |                       |                                       |     | 21.0        |      | 15.5                 |     |        |     |       | 91                     | 14.0                      | 16.1              | 1063.9          | 70.5 |                                  |         |       |      |   |    |

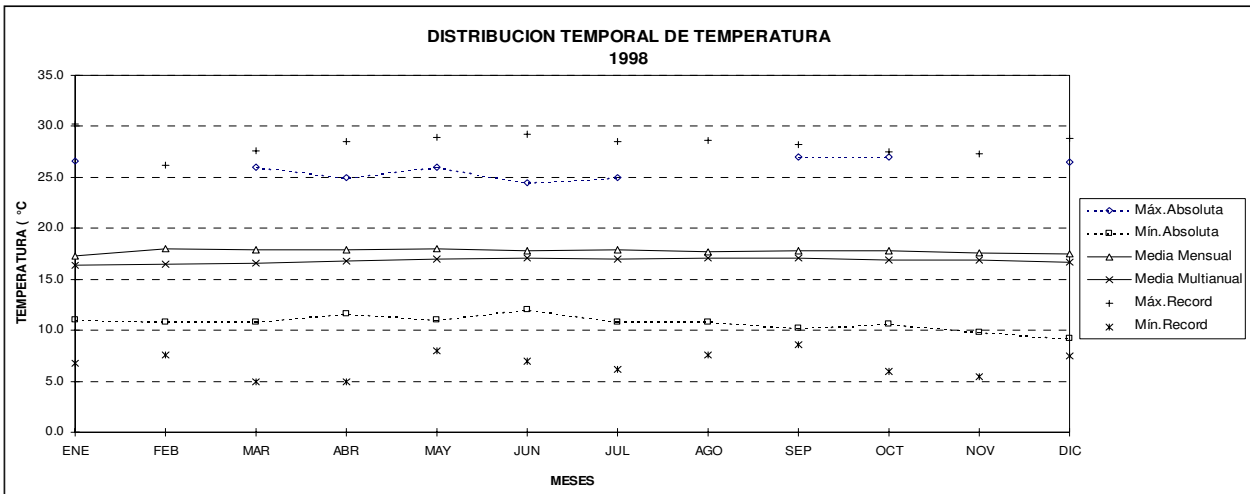
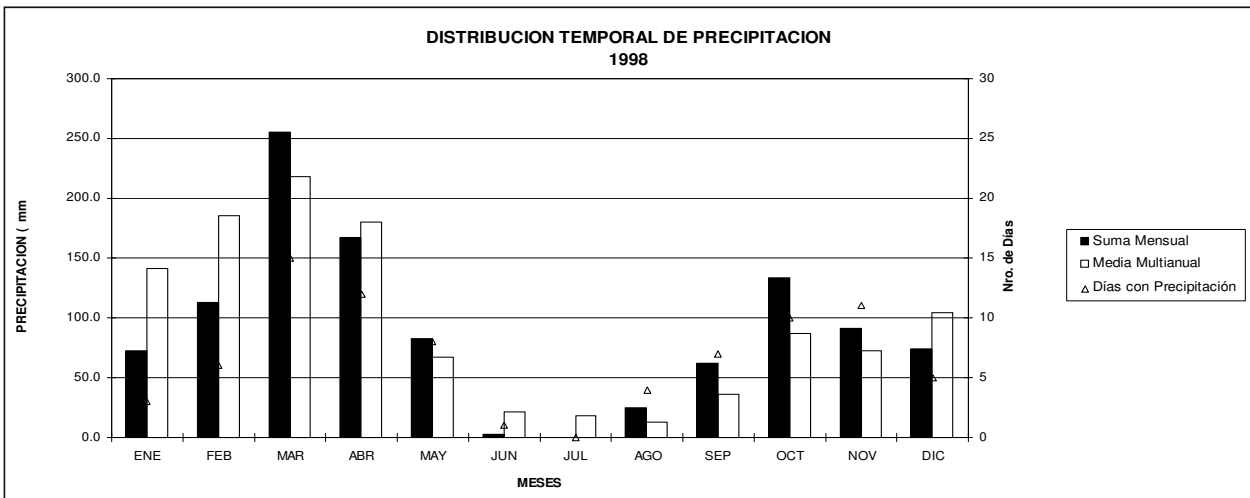
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |      |   |       |    |     |       |      |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |       |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|------|---|-------|----|-----|-------|------|---------|----------------------------------|---------------------------|---------|-------|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |      | S | SW    |    | W   | NW    |      | CALMA % |                                  |                           | Nro OBS |       |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %    |   | (m/s) | %  |     | (m/s) | %    |         |                                  |                           |         | (m/s) |
| ENERO       |                  |                 |     | 3                             | 7.0                                     | 4     | 0.0 | 0     | 4.7 | 29    | 4.0  | 2 | 2.9   | 10 | 0.0 | 0     | 0.0  | 0       | 55                               | 93                        | 20.0    | E     |
| FEBRERO     |                  |                 |     | 3                             | 4.5                                     | 5     | 0.0 | 0     | 5.6 | 26    | 2.0  | 4 | 2.0   | 4  | 0.0 | 0     | 0.0  | 0       | 62                               | 84                        | 20.0    | E     |
| MARZO       |                  |                 |     | 3                             | 3.5                                     | 4     | 6.0 | 1     | 3.9 | 34    | 3.0  | 2 | 4.0   | 4  | 0.0 | 0     | 0.0  | 0       | 54                               | 93                        | 8.0     | E     |
| ABRIL       |                  |                 |     | 3                             | 0.0                                     | 0     | 4.0 | 3     | 2.5 | 23    | 4.0  | 1 | 4.0   | 3  | 0.0 | 0     | 0.0  | 0       | 69                               | 90                        | 6.0     | NE    |
| MAYO        |                  |                 |     |                               |   |       |     |       |     |       |      |   |       |    |     |       |      |         |                                  |                           |         |       |
| JUNIO       |                  |                 |     | 1                             | 5.3                                     | 3     | 4.0 | 1     | 4.6 | 39    | 2.0  | 1 | 4.5   | 9  | 0.0 | 0     | 6.0  | 1       | 46                               | 90                        | 20.0    | E     |
| JULIO       |                  |                 |     | 1                             | 4.0                                     | 11    | 0.0 | 0     | 4.2 | 26    | 11.7 | 7 | 4.9   | 12 | 0.0 | 0     | 6.0  | 1       | 44                               | 93                        | 20.0    | SE    |
| AGOSTO      |                  |                 |     | 1                             | 3.0                                     | 2     | 0.0 | 0     | 5.9 | 31    | 0.0  | 0 | 6.9   | 8  | 4.0 | 1     | 9.3  | 3       | 55                               | 93                        | 20.0    | E     |
| SEPTIEMBRE  |                  |                 |     | 1                             | 4.0                                     | 2     | 0.0 | 0     | 7.6 | 22    | 12.0 | 2 | 11.0  | 2  | 2.0 | 1     | 11.0 | 4       | 66                               | 90                        | 20.0    | W     |
| OCTUBRE     |                  |                 |     | 1                             | 0.0                                     | 0     | 0.0 | 0     | 7.4 | 38    | 0.0  | 0 | 11.0  | 2  | 0.0 | 0     | 9.2  | 11      | 50                               | 93                        | 20.0    | E     |
| NOVIEMBRE   |                  |                 |     |                               |   |       |     |       |     |       |      |   |       |    |     |       |      |         |                                  |                           |         |       |
| DICIEMBRE   |                  |                 |     | 2                             | 0.0                                     | 0     | 6.0 | 1     | 6.1 | 22    | 0.0  | 0 | 5.0   | 2  | 0.0 | 0     | 6.0  | 8       | 68                               | 93                        | 20.0    | E     |
| VALOR ANUAL |                  |                 |     | 1                             |   |       |     |       |     |       |      |   |       |    |     |       |      |         |                                  |                           |         |       |



**M149 GONZANAMA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                    |      | Número<br>de días con<br>precipitación |         |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|--------|----------------------|-----|--------|-----|-------|---------------------------|------------------------------|-------------------|--------------------|------|--|---------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        |        | Máxima               | día | Mínima | día | Media |                           |                              | Mensual           | Máxima en<br>24hrs | día  |  |         |
|             |                       | Máxima                                | día | Mínima      | día | Máxima | Mínima |                      |     |        |     |       |                           |                              |                   |                    |      |  | Mensual |
| ENERO       |                       | 26.6                                  | 31  | 11.0        | 7   | 24.7   | 12.0   | 17.3                 | 96  | 31     | 70  | 16    | 86                        | 14.9                         | 17.3              | 72.6               | 31.0 | 7                                      | 3       |
| FEBRERO     |                       |                                       |     | 10.8        | 7   | 24.1   | 13.0   | 18.0                 | 98  | 10     | 68  | 13    | 86                        | 15.6                         | 18.0              | 112.6              | 50.6 | 19                                     | 6       |
| MARZO       |                       | 26.0                                  | 7   | 10.8        | 10  | 24.2   | 12.4   | 17.9                 | 94  | 29     | 67  | 14    | 86                        | 15.5                         | 17.9              | 255.3              | 65.7 | 12                                     | 15      |
| ABRIL       |                       | 25.0                                  | 14  | 11.6        | 5   | 23.9   | 12.6   | 17.9                 | 93  | 20     | 78  | 30    | 86                        | 15.7                         | 18.1              | 167.0              | 31.0 | 16                                     | 12      |
| MAYO        |                       | 26.0                                  | 24  | 11.0        | 3   | 24.2   | 12.5   | 18.0                 | 96  | 30     | 71  | 13    | 86                        | 15.6                         | 18.0              | 82.7               | 23.3 | 3                                      | 8       |
| JUNIO       |                       | 24.5                                  | 2   | 12.0        | 14  | 23.5   | 12.7   | 17.8                 | 94  | 26     | 75  | 5     | 87                        | 15.5                         | 17.8              | 3.0                | 3.0  | 21                                     | 1       |
| JULIO       |                       | 25.0                                  | 2   | 10.8        | 9   | 23.4   | 12.4   | 17.9                 | 94  | 12     | 77  | 3     | 87                        | 15.6                         | 18.0              | 0.0                | 0.0  | 1                                      | 0       |
| AGOSTO      |                       | 25.0                                  | 16  | 10.8        | 16  | 23.8   | 12.2   | 17.7                 | 94  | 1      | 76  | 3     | 88                        | 15.7                         | 18.1              | 25.3               | 10.0 | 17                                     | 4       |
| SEPTIEMBRE  |                       | 27.0                                  | 19  | 10.2        | 24  | 24.7   | 12.1   | 17.8                 | 96  | 8      | 79  | 24    | 88                        | 15.8                         | 18.4              | 62.0               | 17.3 | 9                                      | 7       |
| OCTUBRE     |                       | 27.0                                  | 14  | 10.6        | 18  | 24.2   | 12.2   | 17.8                 | 95  | 12     | 75  | 16    | 87                        | 15.6                         | 18.1              | 134.0              | 35.2 | 29                                     | 10      |
| NOVIEMBRE   |                       |                                       |     | 9.8         | 29  | 23.2   | 12.1   | 17.6                 | 94  | 22     | 78  | 7     | 88                        | 15.5                         | 17.9              | 91.8               | 31.0 | 1                                      | 11      |
| DICIEMBRE   |                       | 26.5                                  | 4   | 9.2         | 1   | 24.3   | 11.6   | 17.5                 | 96  | 15     | 69  | 7     | 86                        | 15.2                         | 17.7              | 74.0               | 28.6 | 30                                     | 5       |
| VALOR ANUAL |                       |                                       |     | 9.2         |     | 24.0   | 12.3   | 17.7                 | 98  |        | 67  |       | 86                        | 15.5                         | 17.9              | 1080.3             | 65.7 |  |         |

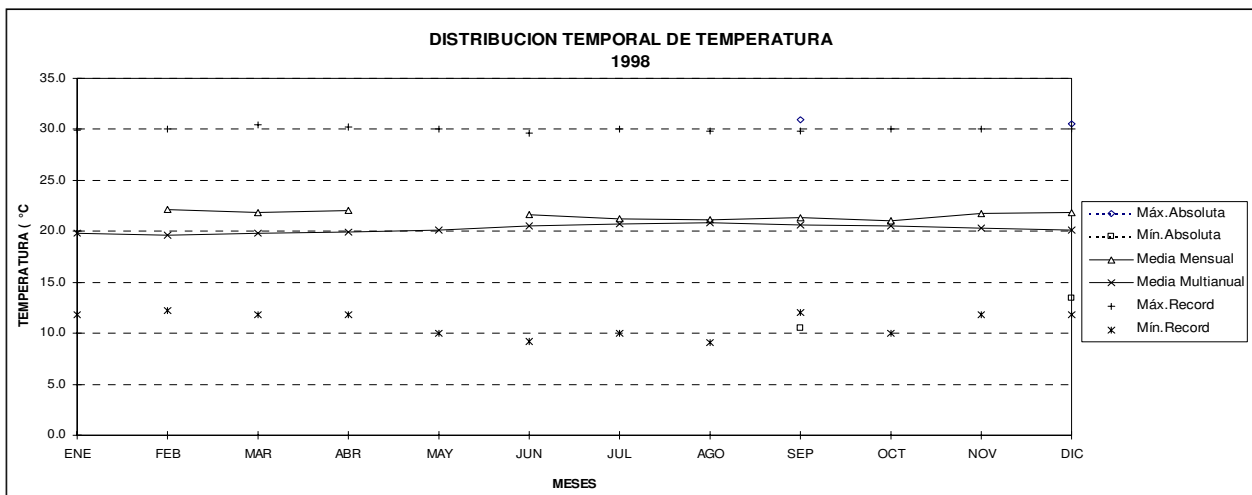
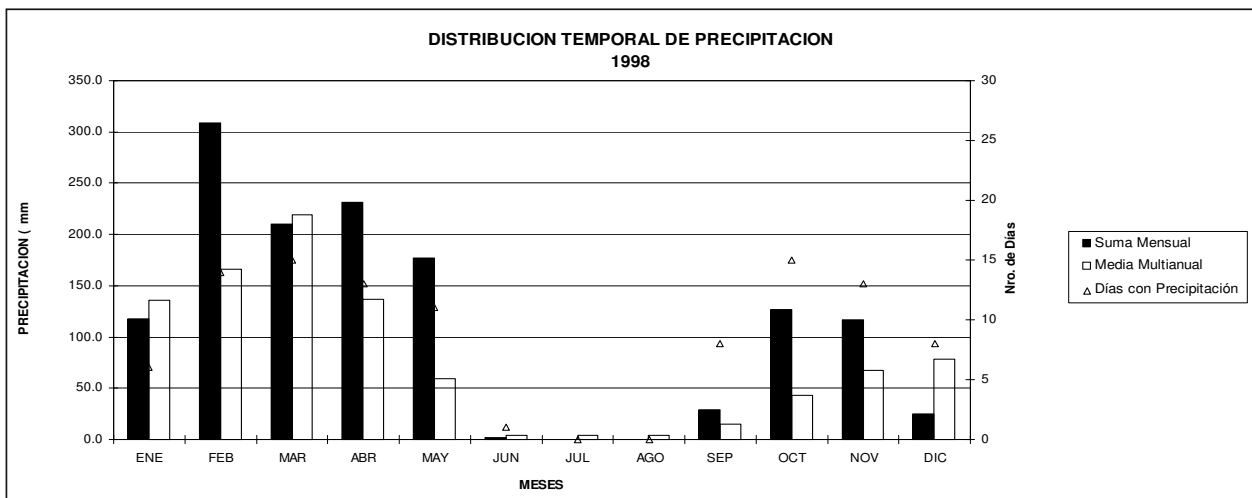
| MES         | EVAPORACION (mm) |                    | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |     |       |     |     |       |     |     |     |       |            |       | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |    |       |      |      |     |     |
|-------------|------------------|--------------------|-------------------------------|---|-------|-----|-----|-------|-----|-----|-------|-----|-----|-----|-------|------------|-------|---------------------------------|------------------------------|----|-------|------|------|-----|-----|
|             | Suma<br>Mensual  | Máxima en<br>24hrs |                               | N                                       | NE    |     | E   | SE    |     | S   | SW    |     | W   | NW  | CALMA | Nro<br>OBS |       |                                 |                              |    |       |      |      |     |     |
|             |                  |                    |                               |   | (m/s) | %   |     | (m/s) | %   |     | (m/s) | %   |     |     |       |            | (m/s) |                                 |                              | %  | (m/s) | %    |      |     |     |
| ENERO       |                  |                    | 5                             | 0.0                                     | 0     | 3.9 | 46  | 4.3   | 17  | 4.0 | 3     | 0.0 | 0   | 0.0 | 0     | 0.0        | 0     | 4.0                             | 1                            | 32 | 93    | 8.0  | NE   | 3.3 |     |
| FEBRERO     | 141.6            |                    | 6                             | 2.0                                     | 2     | 4.3 | 35  | 3.5   | 18  | 0.0 | 0     | 0.0 | 0   | 0.0 | 0     | 0.0        | 0     | 4.0                             | 0                            | 45 | 84    | 14.0 | NE   | 2.7 |     |
| MARZO       |                  |                    | 6                             | 0.0                                     | 0     | 3.0 | 22  | 2.9   | 17  | 2.0 | 1     | 2.0 | 5   | 0.0 | 0     | 0.0        | 0     | 4.0                             | 0                            | 55 | 93    | 6.0  | E    | 2.3 |     |
| ABRIL       |                  |                    | 6                             | 3.3                                     | 3     | 3.5 | 29  | 3.3   | 13  | 0.0 | 0     | 4.0 | 3   | 2.0 | 2     | 0.0        | 0     | 4.0                             | 0                            | 49 | 90    | 8.0  | E    | 1.7 |     |
| MAYO        |                  |                    | 5                             | 0.0                                     | 0     | 4.9 | 37  | 4.8   | 22  | 3.3 | 7     | 0.0 | 0   | 2.0 | 2     | 0.0        | 0     | 4.0                             | 0                            | 33 | 93    | 10.0 | NE   | 3.6 |     |
| JUNIO       |                  |                    | 4                             | 2.0                                     | 1     | 6.1 | 43  | 5.9   | 36  | 5.7 | 8     | 4.7 | 3   | 0.0 | 0     | 4.0        | 1     | 2.0                             | 1                            | 7  | 90    | 14.0 | E    | 5.7 |     |
| JULIO       |                  |                    | 4                             | 0.0                                     | 0     | 5.8 | 45  | 5.7   | 30  | 5.3 | 15    | 0.0 | 0   | 0.0 | 0     | 6.0        | 1     | 0.0                             | 0                            | 9  | 93    | 14.0 | SE   | 5.9 |     |
| AGOSTO      | 273.1            |                    | 4                             | 0.0                                     | 0     | 6.4 | 42  | 7.5   | 20  | 5.1 | 17    | 4.0 | 2   | 0.0 | 0     | 6.0        | 2     | 0.0                             | 0                            | 16 | 93    | 18.0 | E    | 4.5 |     |
| SEPTIEMBRE  | 218.0            |                    | 5                             | 0.0                                     | 0     | 7.3 | 27  | 7.8   | 41  | 5.2 | 11    | 4.0 | 1   | 6.0 | 1     | 6.0        | 2     | 0.0                             | 0                            | 17 | 90    | 20.0 | E    | 4.9 |     |
| OCTUBRE     | 190.5            |                    | 5                             | 3.0                                     | 2     | 4.4 | 16  | 5.5   | 29  | 5.0 | 19    | 0.0 | 0   | 6.0 | 1     | 0.0        | 0     | 4.0                             | 0                            | 32 | 93    | 10.0 | E    | 2.9 |     |
| NOVIEMBRE   | 130.3            | 8.0                | 28                            | 6                                       | 4.0   | 1   | 2.8 | 29    | 2.7 | 20  | 3.6   | 6   | 6.0 | 1   | 0.0   | 0          | 4.7   | 3                               | 0.0                          | 0  | 40    | 90   | 6.0  | W   | 1.9 |
| DICIEMBRE   | 181.0            | 9.0                | 9                             | 5                                       | 0.0   | 0   | 3.4 | 33    | 3.6 | 12  | 4.9   | 12  | 2.0 | 1   | 0.0   | 0          | 4.5   | 4                               | 4.0                          | 1  | 37    | 93   | 12.0 | SE  | 2.5 |
| VALOR ANUAL |                  |                    | 5                             | 1.1                                     | 0     | 4.6 | 33  | 4.7   | 22  | 3.6 | 8     | 2.2 | 1   | 1.3 | 0     | 2.6        | 1     | 0.8                             | 0                            | 31 |       | 20.0 | E    | 3.4 |     |



M150 AMALUZA INAMHI INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |      | Número de días con precipitación |   |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|---------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|---------|------|----------------------------------|---|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        |         | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | Mensual |      |                                  |   |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima | Mensual |                      |            |       |         |                        |                           |                   |         |      |                                  |   |
| ENERO       |                       |                                       |            | 28.3        |        |         |                      |            |       |         |                        | 117.8                     | 51.4              | 8       | 6    |                                  |   |
| FEBRERO     |                       |                                       |            | 28.7        |        | 22.2    |                      |            | 85    | 19.7    | 23.1                   | 308.7                     | 80.0              | 9       | 14   |                                  |   |
| MARZO       |                       |                                       |            | 27.2        |        | 21.9    |                      |            | 90    | 20.1    | 23.7                   | 210.1                     | 46.0              | 10      | 15   |                                  |   |
| ABRIL       |                       |                                       |            | 26.4        | 18.8   | 22.1    |                      |            | 91    | 20.5    | 24.2                   | 230.9                     | 49.4              | 12      | 13   |                                  |   |
| MAYO        |                       |                                       |            | 27.8        | 16.0   |         |                      |            |       |         |                        | 177.5                     | 41.6              | 3       | 11   |                                  |   |
| JUNIO       |                       |                                       |            |             | 16.3   | 21.6    |                      |            | 88    | 19.5    | 22.9                   | 2.2                       | 2.2               | 17      | 1    |                                  |   |
| JULIO       |                       |                                       |            | 25.9        | 16.4   | 21.2    | 98                   | 13         | 53    | 28      | 90                     | 19.5                      | 22.9              | 0.0     | 0    | 1                                | 0 |
| AGOSTO      |                       |                                       |            | 26.8        | 14.7   | 21.1    | 98                   | 8          | 61    | 12      | 86                     | 18.6                      | 21.7              | 0.0     | 0    | 1                                | 0 |
| SEPTIEMBRE  |                       | 31.0                                  | 14         | 10.5        | 14     | 27.3    | 14.8                 | 21.3       |       |         | 87                     | 19.1                      | 22.4              | 29.3    | 14.1 | 6                                | 8 |
| OCTUBRE     |                       |                                       |            | 27.2        | 13.6   | 21.0    |                      |            | 88    | 18.8    | 22.2                   | 127.0                     | 23.4              | 22      | 15   |                                  |   |
| NOVIEMBRE   |                       |                                       |            | 26.9        | 14.5   | 21.7    |                      |            | 88    | 19.8    | 23.3                   | 116.5                     | 23.2              | 17      | 13   |                                  |   |
| DICIEMBRE   |                       | 30.5                                  | 4          | 13.5        | 1      | 28.1    | 16.1                 | 21.9       |       |         | 90                     | 20.1                      | 23.9              | 25.2    | 14.8 | 31                               | 8 |
| VALOR ANUAL |                       |                                       |            |             |        |         |                      |            |       |         |                        | 1345.2                    | 80.0              |         |      |                                  |   |

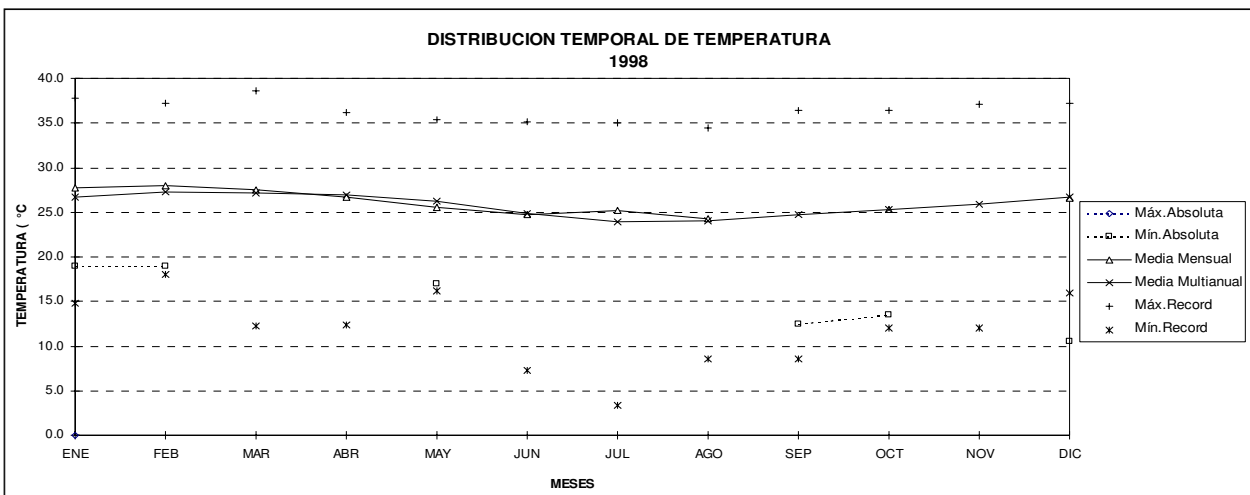
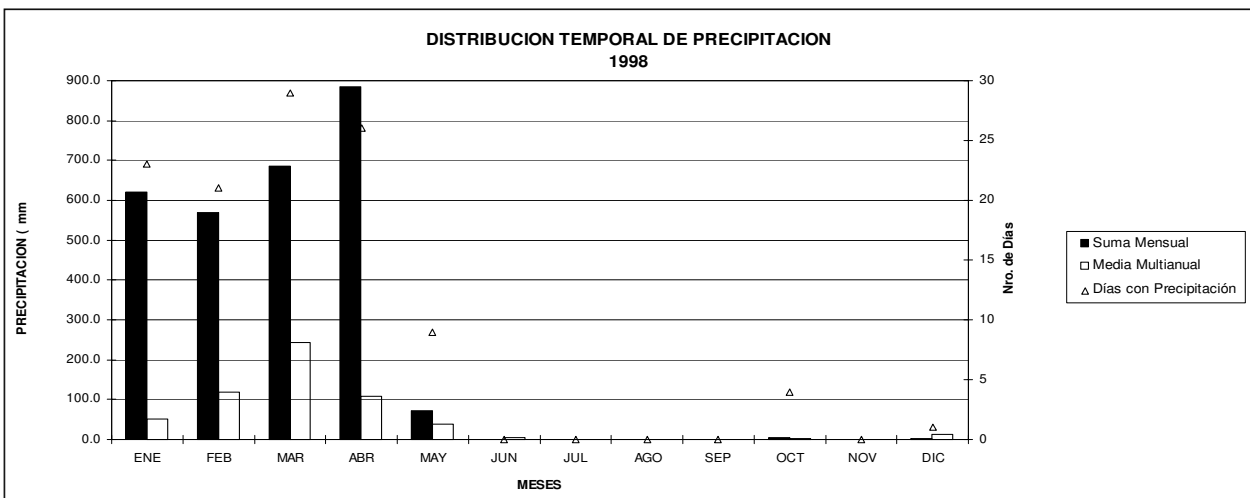
| MES         | EVAPORACION (mm) |                     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |       |    |       |    |       |    |       |         |       |   |       |    |     |   | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |      |   |
|-------------|------------------|---------------------|-------------------------------|---|----|-------|----|-------|----|-------|----|-------|---------|-------|---|-------|----|-----|---|----------------------------------|---------------------------|------|---|
|             | Suma Mensual     | Máxima en 24hrs día |                               | N                                       | NE | E     | SE | S     | SW | W     | NW | CALMA | Nro OBS |       |   |       |    |     |   |                                  |                           |      |   |
|             | (m/s)            | %                   |                               | (m/s)                                   | %  | (m/s) | %  | (m/s) | %  | (m/s) | %  | (m/s) | %       | (m/s) | % | (m/s) | %  |     |   |                                  |                           |      |   |
| ENERO       |                  |                     | 5                             | 5.1                                     | 17 | 0.0   | 0  | 7.4   | 25 | 0.0   | 0  | 6.7   | 23      | 0.0   | 0 | 4.4   | 36 | 0.0 | 0 | 84                               | 16.0                      | S    |   |
| FEBRERO     |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |     |   |                                  |                           |      |   |
| MARZO       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |     |   |                                  |                           |      |   |
| ABRIL       |                  |                     | 6                             | 4.3                                     | 26 | 6.0   | 1  | 4.3   | 27 | 4.0   | 2  | 4.2   | 14      | 6.0   | 1 | 4.3   | 18 | 0.0 | 0 | 11                               | 90                        | 12.0 | S |
| MAYO        |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |     |   |                                  |                           |      |   |
| JUNIO       |                  |                     | 5                             | 5.6                                     | 36 | 4.0   | 1  | 5.7   | 26 | 8.0   | 1  | 5.1   | 8       | 6.0   | 2 | 5.4   | 22 | 2.0 | 1 | 3                                | 90                        | 14.0 | E |
| JULIO       |                  |                     | 5                             | 5.2                                     | 31 | 4.0   | 1  | 5.1   | 30 | 0.0   | 0  | 6.2   | 13      | 0.0   | 0 | 4.9   | 16 | 0.0 | 0 | 9                                | 93                        | 12.0 | S |
| AGOSTO      |                  |                     | 5                             | 4.8                                     | 18 | 5.4   | 15 | 4.3   | 24 | 5.6   | 12 | 5.7   | 13      | 6.0   | 1 | 3.8   | 11 | 4.4 | 5 | 1                                | 93                        | 12.0 | E |
| SEPTIEMBRE  |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |     |   |                                  |                           |      |   |
| OCTUBRE     |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |     |   |                                  |                           |      |   |
| NOVIEMBRE   |                  |                     | 5                             | 3.3                                     | 23 | 6.0   | 4  | 4.4   | 30 | 6.2   | 10 | 3.6   | 11      | 4.0   | 1 | 3.0   | 7  | 8.0 | 1 | 12                               | 90                        | 12.0 | E |
| DICIEMBRE   |                  |                     | 4                             | 2.6                                     | 14 | 0.0   | 0  | 3.4   | 38 | 2.7   | 10 | 3.3   | 17      | 0.0   | 0 | 2.6   | 8  | 0.0 | 0 | 14                               | 93                        | 8.0  | E |
| VALOR ANUAL |                  |                     | 5                             |   |    |       |    |       |    |       |    |       |         |       |   |       |    |     |   |                                  |                           |      |   |



M151 ZAPOTILLO INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |            |       |              | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |       |    | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------------|-------|--------------|------------------------|---------------------------|-------------------|-------|----|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima día           | Mínima día | Media | Suma Mensual |                        |                           | Máxima en 24hrs   | día   |    |                                  |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |            |       |              |                        |                           |                   |       |    |                                  |
| ENERO       |                       | 19.0                                  | 14     | 32.5        | 20.6   | 27.8    |                      |            |       | 90           | 26.0                   | 33.7                      | 619.4             | 94.6  | 16 | 23                               |
| FEBRERO     |                       | 19.0                                  | 28     | 32.7        | 21.0   | 28.0    |                      |            |       | 89           | 25.9                   | 33.6                      | 568.5             | 59.6  | 18 | 21                               |
| MARZO       |                       |                                       |        | 32.2        | 20.4   | 27.5    |                      |            |       | 89           | 25.4                   | 32.5                      | 685.6             | 93.9  | 28 | 29                               |
| ABRIL       |                       |                                       |        | 30.8        | 19.8   | 26.7    |                      |            |       | 89           | 24.7                   | 31.1                      | 883.7             | 146.7 | 6  | 26                               |
| MAYO        |                       | 17.0                                  | 27     | 28.4        | 18.5   | 25.5    |                      |            |       | 88           | 23.3                   | 28.6                      | 73.5              | 42.8  | 3  | 9                                |
| JUNIO       |                       |                                       |        | 29.0        | 16.9   | 24.7    |                      |            |       | 81           | 21.1                   | 25.0                      | 0.0               | 0.0   | 1  | 0                                |
| JULIO       |                       |                                       |        | 30.7        | 15.7   | 25.2    |                      |            |       |              |                        |                           | 0.0               | 0.0   | 1  | 0                                |
| AGOSTO      |                       |                                       |        | 30.3        | 14.0   | 24.3    |                      |            |       | 71           | 18.3                   | 21.1                      | 0.0               | 0.0   | 1  | 0                                |
| SEPTIEMBRE  |                       | 12.5                                  | 1      | 32.1        | 14.3   |         |                      |            |       |              |                        |                           | 0.0               | 0.0   | 1  | 0                                |
| OCTUBRE     |                       | 13.5                                  | 13     | 32.3        | 14.8   | 25.3    |                      |            |       | 71           | 19.4                   | 22.8                      | 4.1               | 2.8   | 24 | 4                                |
| NOVIEMBRE   |                       |                                       |        | 33.9        | 15.2   |         |                      |            |       |              |                        |                           | 0.0               | 0.0   | 1  | 0                                |
| DICIEMBRE   |                       | 10.5                                  | 8      | 34.0        | 15.2   | 26.6    |                      |            |       | 66           | 19.2                   | 22.5                      | 1.7               | 1.7   | 17 | 1                                |
| VALOR ANUAL |                       |                                       |        | 31.5        | 17.2   |         |                      |            |       |              |                        |                           | 2836.5            | 146.7 |    |                                  |

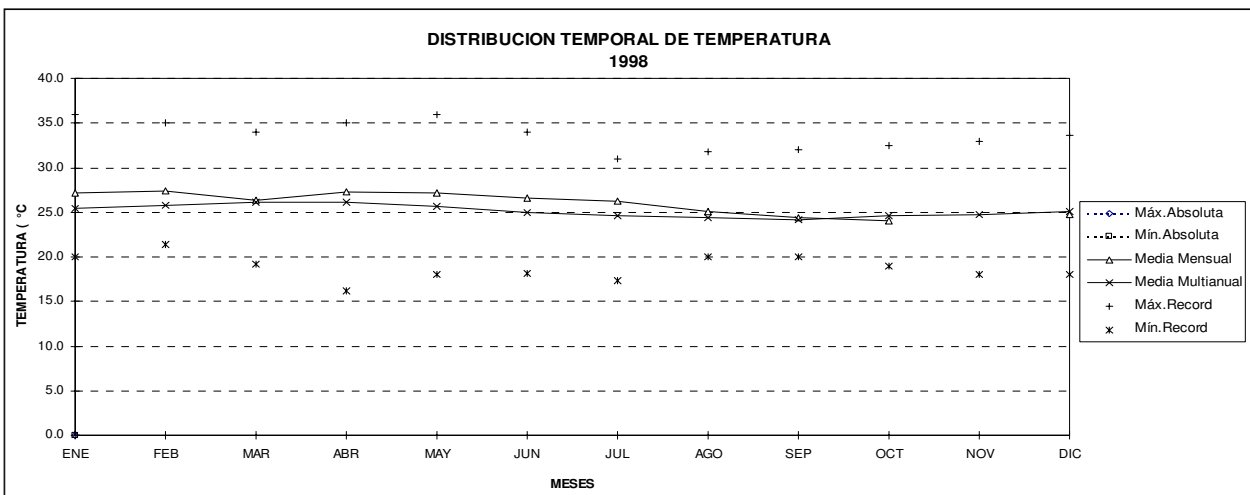
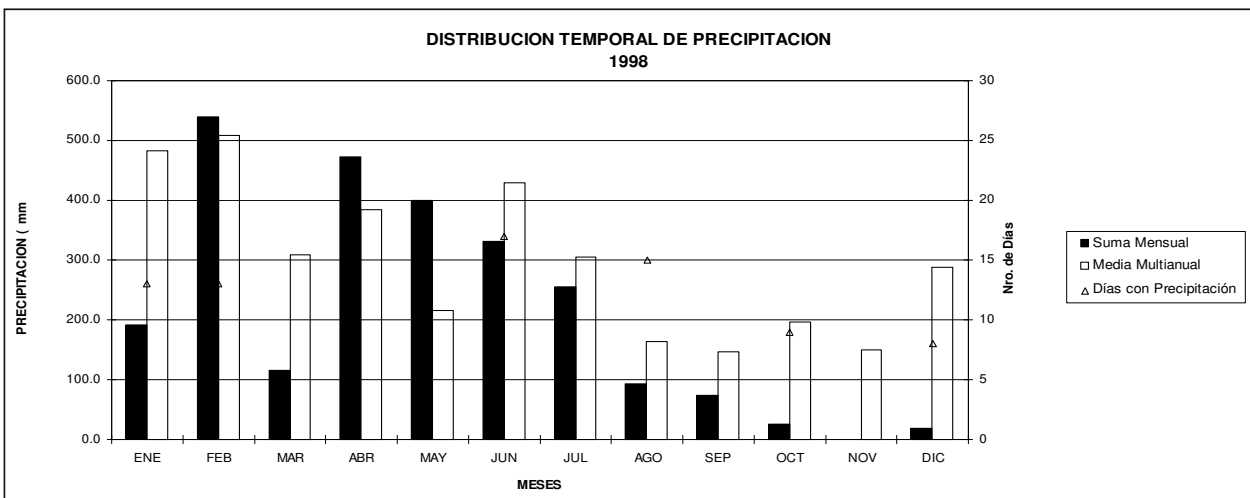
| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |   |    |   |    |   |    |       |         |       |   |       |   | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |
|-------------|------------------|-----------------|---------------|-------------------------------|---|----|---|----|---|----|---|----|-------|---------|-------|---|-------|---|------------------------------|---------------------------|
|             | Suma Mensual     | Máxima en 24hrs | Máxima en día |                               | N                                       | NE | E | SE | S | SW | W | NW | CALMA | Nro OBS |       |   |       |   |                              |                           |
|             |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         | (m/s) | % | (m/s) | % |                              |                           |
| ENERO       |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| FEBRERO     |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| MARZO       |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| ABRIL       |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| MAYO        |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| JUNIO       |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| JULIO       |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| AGOSTO      |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| SEPTIEMBRE  |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| OCTUBRE     |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| NOVIEMBRE   |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| DICIEMBRE   |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |
| VALOR ANUAL |                  |                 |               | 6                             |   |    |   |    |   |    |   |    |       |         |       |   |       |   |                              |                           |



M153 MUISNE INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |        |       | Número de días con precipitación |    |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|---------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|--------|-------|----------------------------------|----|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        |         | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | en día |       |                                  |    |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima | Mensual |                      |            |       |         |                        |                           |                   |        |       |                                  |    |
| ENERO       |                       |                                       |            | 33.5        | 24.4   | 27.2    |                      |            | 89    | 25.2    | 32.1                   | 190.7                     | 26.6              | 17     | 13    |                                  |    |
| FEBRERO     |                       |                                       |            | 32.4        | 24.2   | 27.4    | 100                  | 19         | 65    | 12      | 87                     | 25.0                      | 31.7              | 539.3  | 110.4 | 7                                | 13 |
| MARZO       |                       |                                       |            | 29.3        | 20.2   | 26.4    |                      |            |       |         | 92                     | 24.9                      | 31.6              | 115.5  |       |                                  |    |
| ABRIL       |                       |                                       |            | 30.8        | 20.7   | 27.3    |                      |            |       |         | 92                     | 26.0                      | 33.6              | 471.9  |       |                                  |    |
| MAYO        |                       |                                       |            | 32.1        | 23.6   | 27.2    |                      |            |       |         | 88                     | 25.0                      | 31.7              | 400.8  |       |                                  |    |
| JUNIO       |                       |                                       |            | 32.5        | 20.7   | 26.6    |                      |            |       |         | 93                     | 25.4                      | 32.4              | 330.9  | 70.4  | 5                                | 17 |
| JULIO       |                       |                                       |            | 32.0        | 20.4   | 26.2    |                      |            |       |         | 92                     | 24.9                      | 31.5              | 254.9  |       |                                  |    |
| AGOSTO      |                       |                                       |            | 31.7        | 19.8   | 25.1    |                      |            |       |         | 92                     | 23.7                      | 29.4              | 93.2   | 43.7  | 22                               | 15 |
| SEPTIEMBRE  |                       |                                       |            | 31.0        | 19.7   | 24.4    |                      |            |       |         | 92                     | 23.0                      | 28.1              | 74.0   |       |                                  |    |
| OCTUBRE     |                       |                                       |            | 30.7        | 19.0   | 24.0    |                      |            |       |         | 92                     | 22.7                      | 27.6              | 25.1   | 5.9   | 3                                | 9  |
| NOVIEMBRE   |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   |        |       |                                  |    |
| DICIEMBRE   |                       |                                       |            | 31.6        | 19.7   | 24.7    |                      |            |       |         | 91                     | 23.0                      | 28.2              | 19.4   | 4.7   | 21                               | 8  |
| VALOR ANUAL |                       |                                       |            |             |        |         |                      |            |       |         |                        |                           |                   |        |       |                                  |    |

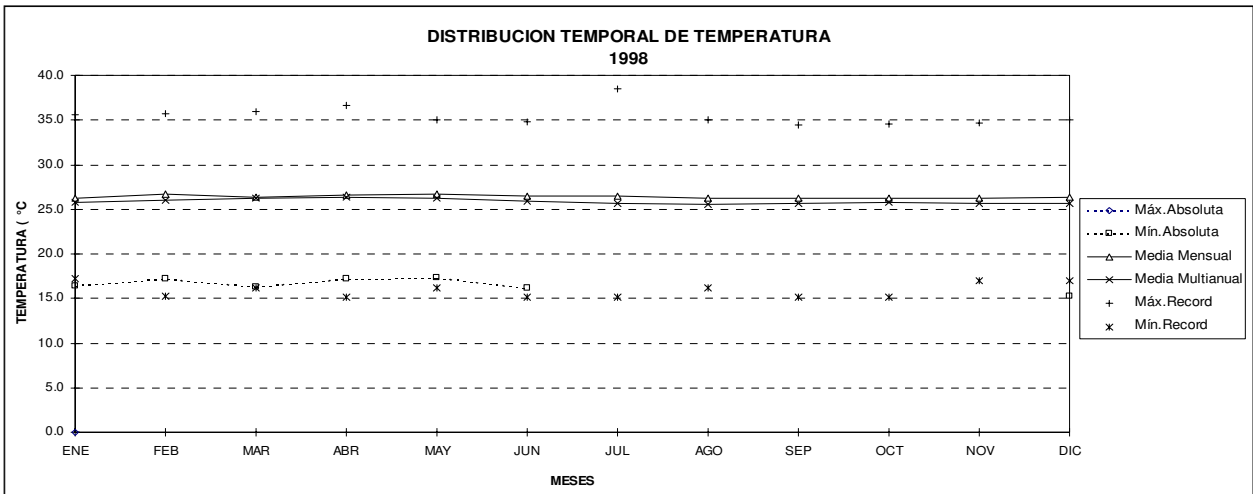
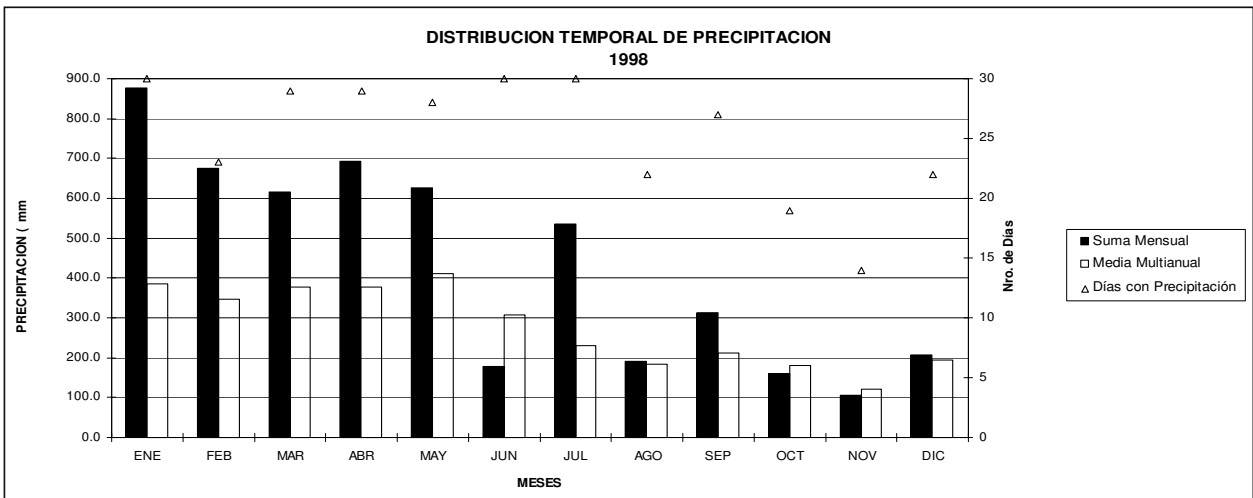
| MES         | EVAPORACION (mm) |                     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |       |    |       |    |       |    |       |         |       |   |       |    | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |    |    |     |   |
|-------------|------------------|---------------------|-------------------------------|---|----|-------|----|-------|----|-------|----|-------|---------|-------|---|-------|----|----------------------------------|---------------------------|----|----|-----|---|
|             | Suma Mensual     | Máxima en 24hrs día |                               | N                                       | NE | E     | SE | S     | SW | W     | NW | CALMA | Nro OBS |       |   |       |    |                                  |                           |    |    |     |   |
|             | (m/s)            | %                   |                               | (m/s)                                   | %  | (m/s) | %  | (m/s) | %  | (m/s) | %  | (m/s) | %       | (m/s) | % | (m/s) | %  |                                  |                           |    |    |     |   |
| ENERO       |                  |                     | 3                             | 3.6                                     | 12 | 0.0   | 0  | 2.4   | 18 | 0.0   | 0  | 2.0   | 3       | 0.0   | 0 | 2.1   | 14 | 0.0                              | 0                         | 53 | 93 | 4.0 | N |
| FEBRERO     |                  |                     | 3                             | 3.0                                     | 20 | 0.0   | 0  | 2.5   | 10 | 0.0   | 0  | 2.9   | 18      | 0.0   | 0 | 2.2   | 7  | 0.0                              | 0                         | 45 | 84 | 4.0 | S |
| MARZO       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |
| ABRIL       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |
| MAYO        |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |
| JUNIO       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |
| JULIO       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |
| AGOSTO      |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |
| SEPTIEMBRE  |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |
| OCTUBRE     |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |
| NOVIEMBRE   |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |
| DICIEMBRE   |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |
| VALOR ANUAL |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |       |    |                                  |                           |    |    |     |   |



**M154 CAYAPAS INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | día | Mínima      | día  | Mensual |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |
| ENERO       |                       | 16.4                                  | 12  | 21.3        | 26.3 | 99      | 5                    | 67  | 26     | 88  | 24.1  | 30.0                   | 875.6                     | 120.9             | 5               | 30  |                                  |
| FEBRERO     |                       | 17.2                                  | 14  | 20.6        | 26.7 | 99      | 3                    | 64  | 22     | 89  | 24.6  | 31.1                   | 673.8                     | 150.5             | 21              | 23  |                                  |
| MARZO       |                       | 16.3                                  | 11  | 20.2        | 26.4 | 100     | 20                   | 68  | 18     | 89  | 24.4  | 30.8                   | 615.7                     | 120.8             | 29              | 29  |                                  |
| ABRIL       |                       | 17.2                                  | 12  | 20.8        | 26.6 | 99      | 4                    | 68  | 11     | 88  | 24.5  | 31.0                   | 692.9                     | 71.0              | 7               | 29  |                                  |
| MAYO        |                       | 17.3                                  | 6   | 20.4        | 26.7 | 99      | 11                   | 76  | 3      | 89  | 24.8  | 31.5                   | 624.6                     | 110.6             | 28              | 28  |                                  |
| JUNIO       |                       | 16.2                                  | 10  | 19.6        | 26.5 | 99      | 25                   | 71  | 24     | 89  | 24.5  | 30.8                   | 178.9                     | 31.2              | 19              | 30  |                                  |
| JULIO       |                       |                                       |     | 19.7        | 26.5 | 99      | 28                   | 66  | 14     | 87  | 24.0  | 30.1                   | 534.7                     | 51.6              | 8               | 30  |                                  |
| AGOSTO      |                       |                                       |     | 21.1        | 26.2 | 99      | 9                    | 65  | 2      | 89  | 24.1  | 30.2                   | 190.3                     | 61.2              | 24              | 22  |                                  |
| SEPTIEMBRE  |                       |                                       |     | 22.1        | 26.2 | 99      | 6                    | 72  | 22     | 88  | 24.1  | 30.1                   | 314.2                     | 51.1              | 4               | 27  |                                  |
| OCTUBRE     |                       |                                       |     | 21.1        | 26.2 | 99      | 9                    | 68  | 23     | 89  | 24.1  | 30.1                   | 161.3                     | 30.9              | 4               | 19  |                                  |
| NOVIEMBRE   |                       |                                       |     | 21.6        | 26.3 | 99      | 5                    | 68  | 6      | 88  | 24.1  | 30.2                   | 107.0                     | 50.4              | 7               | 14  |                                  |
| DICIEMBRE   |                       | 15.3                                  | 24  | 20.7        | 26.4 | 99      | 18                   | 48  | 2      | 87  | 23.9  | 29.8                   | 206.0                     | 61.3              | 19              | 22  |                                  |
| VALOR ANUAL |                       |                                       |     | 20.7        | 26.4 | 100     |                      | 48  |        | 88  | 24.2  | 30.4                   | 5175.0                    | 150.5             |                 |     |                                  |

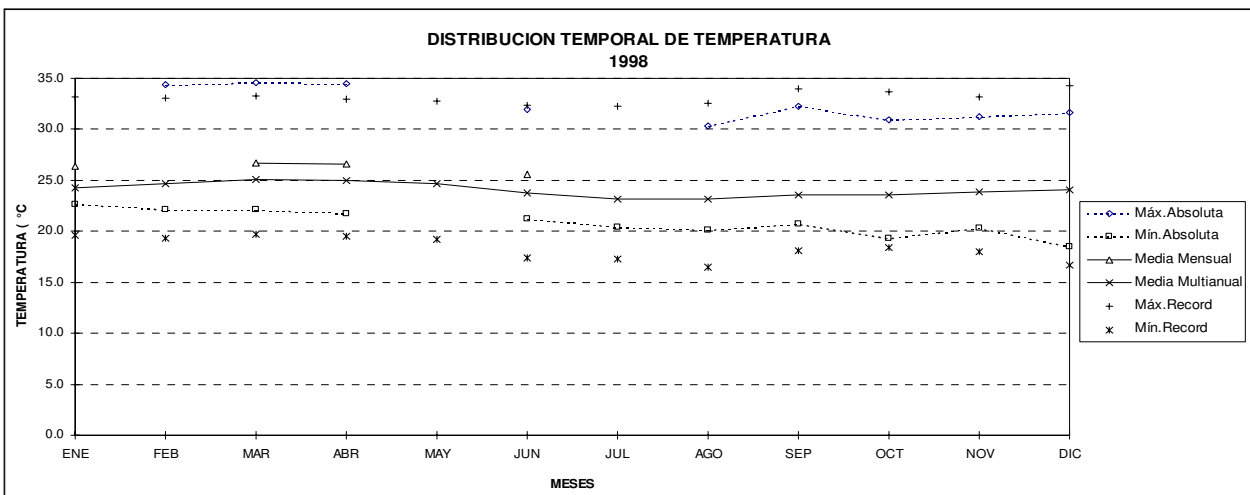
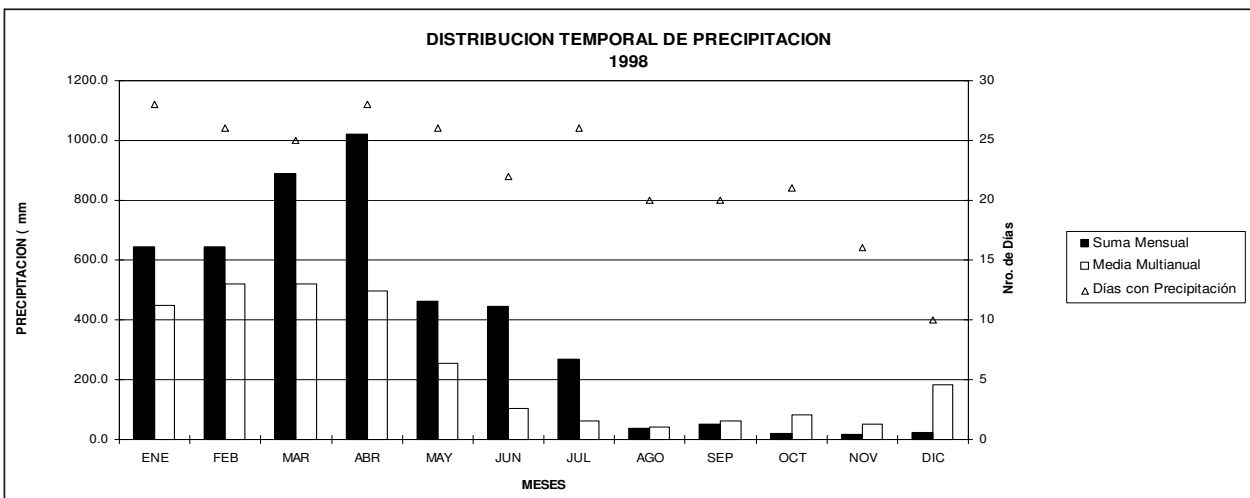
| MES         | EVAPORACION (mm) |                 |       | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |       |   |     |       |     |    |       |    |     |       |         |         |     |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |     |    |
|-------------|------------------|-----------------|-------|-------------------------------|---|----|-------|---|-----|-------|-----|----|-------|----|-----|-------|---------|---------|-----|-------|----------------------------------|---------------------------|-----|----|
|             | Suma Mensual     | Máxima en 24hrs | día   |                               | N                                       | NE |       | E | SE  |       | S   | SW |       | W  | NW  |       | CALMA % | Nro OBS |     |       |                                  |                           |     |    |
|             | (m/s)            | %               | (m/s) |                               |   | %  | (m/s) |   | %   | (m/s) |     | %  | (m/s) |    | %   | (m/s) |         |         | %   | (m/s) |                                  |                           | %   |    |
| ENERO       |                  |                 |       | 8                             | 2.7                                     | 4  | 2.0   | 1 | 0.0 | 0     | 2.1 | 17 | 2.1   | 11 | 2.4 | 6     | 0.0     | 0       | 1.5 | 2     | 60                               | 84                        | 3.0 | SE |
| FEBRERO     |                  |                 |       | 8                             | 0.0                                     | 0  | 2.0   | 2 | 0.0 | 0     | 1.8 | 5  | 1.9   | 17 | 2.0 | 15    | 0.0     | 0       | 0.0 | 0     | 60                               | 93                        | 3.0 | S  |
| MARZO       |                  |                 |       | 8                             | 0.0                                     | 0  | 4.3   | 3 | 0.0 | 0     | 2.1 | 11 | 2.1   | 13 | 2.4 | 17    | 0.0     | 0       | 2.0 | 1     | 54                               | 90                        | 9.0 | NE |
| ABRIL       |                  |                 |       | 8                             | 0.0                                     | 0  | 2.0   | 5 | 0.0 | 0     | 1.6 | 9  | 1.9   | 14 | 2.2 | 13    | 0.0     | 0       | 3.0 | 1     | 58                               | 93                        | 3.0 | SW |
| MAYO        |                  |                 |       | 8                             | 0.0                                     | 0  | 1.7   | 3 | 0.0 | 0     | 1.6 | 6  | 1.9   | 21 | 2.5 | 9     | 0.0     | 0       | 2.0 | 1     | 60                               | 90                        | 3.0 | SW |
| JUNIO       |                  |                 |       | 8                             | 0.0                                     | 0  | 1.8   | 5 | 0.0 | 0     | 1.5 | 9  | 1.9   | 23 | 1.6 | 5     | 0.0     | 0       | 3.0 | 1     | 57                               | 93                        | 3.0 | NE |
| JULIO       |                  |                 |       | 8                             | 0.0                                     | 0  | 1.9   | 9 | 0.0 | 0     | 2.0 | 4  | 1.8   | 19 | 1.6 | 14    | 0.0     | 0       | 2.5 | 4     | 50                               | 93                        | 3.0 | NE |
| AGOSTO      |                  |                 |       | 8                             | 1.9                                     | 12 | 2.8   | 4 | 0.0 | 0     | 2.0 | 8  | 2.0   | 12 | 2.0 | 4     | 0.0     | 0       | 3.0 | 6     | 53                               | 90                        | 7.0 | NW |
| SEPTIEMBRE  |                  |                 |       | 8                             | 1.3                                     | 3  | 2.2   | 5 | 0.0 | 0     | 1.7 | 7  | 1.9   | 11 | 2.1 | 11    | 0.0     | 0       | 2.0 | 2     | 61                               | 93                        | 3.0 | S  |
| OCTUBRE     |                  |                 |       | 8                             | 2.7                                     | 11 | 2.3   | 9 | 0.0 | 0     | 1.5 | 4  | 2.2   | 12 | 2.3 | 8     | 3.0     | 1       | 2.0 | 3     | 51                               | 90                        | 7.0 | N  |
| NOVIEMBRE   |                  |                 |       | 8                             | 2.0                                     | 10 | 0.0   | 0 | 0.0 | 0     | 1.8 | 4  | 2.0   | 10 | 2.4 | 13    | 0.0     | 0       | 3.0 | 1     | 62                               | 93                        | 3.0 | SW |
| DICIEMBRE   |                  |                 |       | 8                             |   |    |       |   |     |       |     |    |       |    |     |       |         |         |     |       |                                  |                           |     |    |
| VALOR ANUAL |                  |                 |       | 8                             |   |    |       |   |     |       |     |    |       |    |     |       |         |         |     |       |                                  |                           |     |    |



M160 EL CARMEN INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |             |      |        |        | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|------|-------------|------|--------|--------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |      | M E D I A S |      |        |        | Máxima día           | Mínima día | Media | Mensual |                        |                           | Mensual           | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | día  | Mínima      | día  | Máxima | Mínima |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| ENERO       |                       |                                       | 22.7 | 17          | 31.1 | 23.7   | 26.4   |                      |            | 86    | 23.8    | 29.5                   | 645.9                     | 79.6              | 11              | 28  |                                  |
| FEBRERO     |                       | 34.4                                  | 24   | 22.2        | 9    | 31.6   | 23.7   |                      |            |       |         |                        | 645.3                     | 115.7             | 26              | 26  |                                  |
| MARZO       |                       | 34.6                                  | 18   | 22.2        | 8    | 32.2   | 23.4   | 26.7                 |            |       | 85      | 23.7                   | 888.3                     | 179.0             | 22              | 25  |                                  |
| ABRIL       |                       | 34.5                                  | 16   | 21.7        | 10   | 31.7   | 23.4   | 26.6                 | 99         | 10    | 62      | 12                     | 1021.7                    | 160.6             | 12              | 28  |                                  |
| MAYO        |                       |                                       |      |             |      | 30.9   | 23.6   |                      |            |       |         |                        | 463.1                     | 71.0              | 26              | 26  |                                  |
| JUNIO       |                       | 32.0                                  | 3    | 21.2        | 22   | 30.0   | 22.8   | 25.6                 |            |       | 86      | 22.8                   | 444.9                     | 116.3             | 10              | 22  |                                  |
| JULIO       |                       |                                       |      | 20.4        | 25   | 28.7   | 22.4   |                      |            |       |         |                        | 270.1                     | 59.1              | 15              | 26  |                                  |
| AGOSTO      |                       | 30.3                                  | 24   | 20.1        | 23   | 28.2   | 21.8   |                      |            |       |         |                        | 36.8                      | 8.7               | 9               | 20  |                                  |
| SEPTIEMBRE  |                       | 32.3                                  | 8    | 20.7        | 6    | 27.9   | 21.7   |                      |            |       |         |                        | 50.1                      | 27.0              | 5               | 20  |                                  |
| OCTUBRE     |                       | 31.0                                  | 13   | 19.3        | 22   | 27.2   | 21.0   |                      |            |       |         |                        | 19.1                      | 3.8               | 6               | 21  |                                  |
| NOVIEMBRE   |                       | 31.3                                  | 18   | 20.3        | 8    | 27.3   | 21.3   |                      |            |       |         |                        | 17.3                      | 6.6               | 3               | 16  |                                  |
| DICIEMBRE   |                       | 31.7                                  | 24   | 18.5        | 7    | 28.2   | 21.1   |                      |            |       |         |                        | 23.5                      | 6.1               | 27              | 10  |                                  |
| VALOR ANUAL |                       |                                       |      |             |      | 29.5   | 22.4   |                      |            |       |         |                        | 4526.1                    | 179.0             |                 |     |                                  |

| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |   |       |   |         |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |       |    |       |    |  |  |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|---|-------|---|-----|-------|-----|---|-------|---|---------|---------|----------------------------------|---------------------------|-------|----|-------|----|--|--|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W | NW    |   | CALMA % | Nro OBS |                                  |                           |       |    |       |    |  |  |
|             |                  |                 |     |                               |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |   | (m/s) | % |         |         |                                  |                           | (m/s) | %  | (m/s) | %  |  |  |
| ENERO       |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| FEBRERO     |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| MARZO       |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| ABRIL       |                  |                 |     | 6                             | 2.6                                     | 8     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 2.0 | 7 | 2.3   | 7 | 3.0     | 2       | 2.0                              | 1                         | 76    | 90 | 4.0   | SW |  |  |
| MAYO        |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| JUNIO       |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| JULIO       |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| AGOSTO      |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| SEPTIEMBRE  |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| OCTUBRE     |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| NOVIEMBRE   |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| DICIEMBRE   |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |
| VALOR ANUAL |                  |                 |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |         |         |                                  |                           |       |    |       |    |  |  |

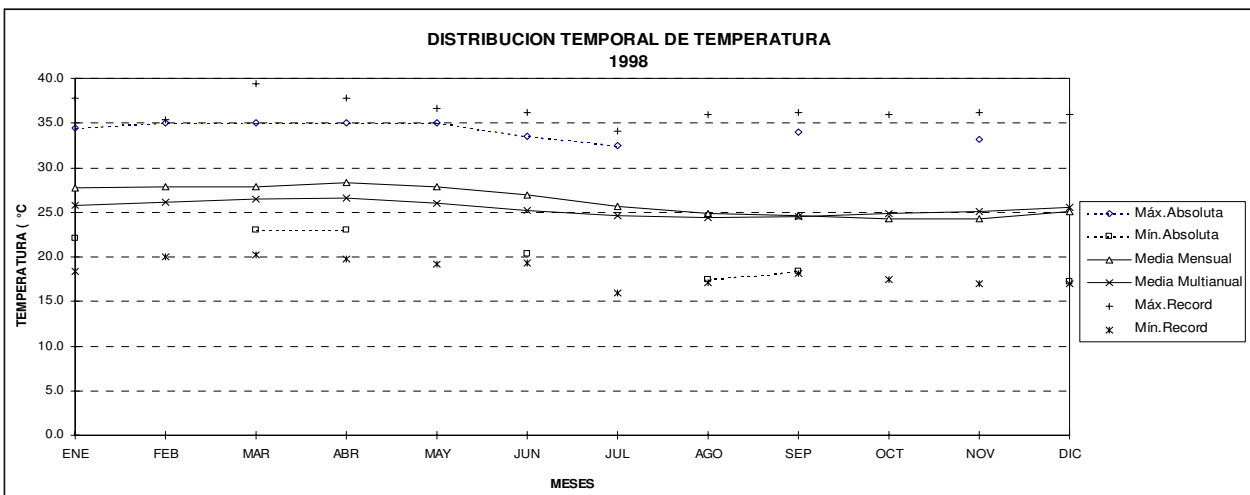
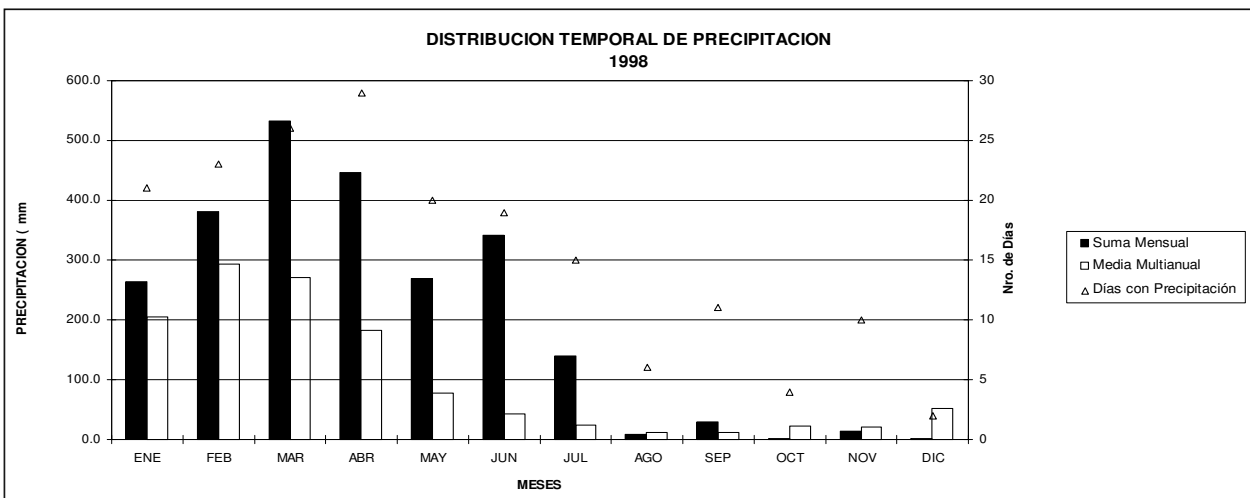




M162 CHONE INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |             |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |       | Número de días con precipitación |         |
|-------------|-----------------------|---------------------------------------|-----|--------|-------------|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-------|----------------------------------|---------|
|             |                       | ABSOLUTAS                             |     |        | M E D I A S |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día   |                                  |         |
|             |                       | Máxima                                | día | Mínima | día         | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |       |                                  | Mensual |
| ENERO       | 120.7                 | 34.5                                  | 2   | 22.1   | 26          | 32.3   | 24.3   | 27.8                 | 98  | 4      | 62  | 2     | 86                     | 25.1                      | 31.9              | 264.0           | 70.7  | 12                               | 21      |
| FEBRERO     | 99.0                  | 35.0                                  | 23  |        |             | 32.6   | 24.1   | 27.9                 | 98  | 2      | 62  | 3     | 86                     | 25.1                      | 31.8              | 381.4           | 143.9 | 18                               | 23      |
| MARZO       | 146.6                 | 35.0                                  | 18  | 23.0   | 1           | 32.8   | 24.2   | 27.9                 | 98  | 6      | 59  | 18    | 88                     | 25.4                      | 32.5              | 532.2           | 101.4 | 25                               | 26      |
| ABRIL       | 164.7                 | 35.0                                  | 12  | 23.0   | 4           | 33.0   | 24.6   | 28.3                 | 98  | 1      | 61  | 14    | 85                     | 25.3                      | 32.3              | 445.7           | 66.9  | 24                               | 29      |
| MAYO        | 129.9                 | 35.0                                  | 13  |        |             | 32.2   | 24.4   | 27.9                 | 98  | 5      | 54  | 6     | 85                     | 24.9                      | 31.5              | 269.0           | 80.0  | 26                               | 20      |
| JUNIO       | 132.1                 | 33.5                                  | 3   | 20.4   | 22          | 31.4   | 23.3   | 26.9                 | 98  | 2      | 55  | 23    | 84                     | 23.9                      | 29.6              | 341.9           | 74.0  | 10                               | 19      |
| JULIO       | 78.6                  | 32.5                                  | 12  |        |             | 30.1   | 22.1   | 25.7                 |     |        |     |       | 90                     | 23.9                      | 29.7              | 139.2           | 56.0  | 15                               | 15      |
| AGOSTO      | 75.4                  |                                       |     | 17.4   | 8           | 28.9   | 21.2   | 24.9                 | 100 | 4      | 59  | 19    | 84                     | 21.9                      | 26.2              | 8.8             | 7.3   | 9                                | 6       |
| SEPTIEMBRE  | 61.1                  | 34.0                                  | 5   | 18.4   | 30          | 28.8   | 21.1   | 24.6                 | 100 | 7      | 60  | 7     | 85                     | 21.7                      | 26.0              | 30.1            | 13.9  | 5                                | 11      |
| OCTUBRE     | 58.1                  |                                       |     |        |             | 28.7   | 20.7   | 24.3                 |     |        |     |       | 84                     | 21.3                      | 25.3              | 1.1             | 0.4   | 21                               | 4       |
| NOVIEMBRE   | 49.0                  | 33.2                                  | 5   |        |             | 28.6   | 20.8   | 24.3                 | 100 | 4      | 56  | 7     | 86                     | 21.7                      | 26.0              | 14.3            | 5.5   | 18                               | 10      |
| DICIEMBRE   | 65.1                  |                                       |     | 17.2   | 7           | 29.9   | 20.8   | 25.1                 | 100 | 13     | 55  | 2     | 81                     | 21.4                      | 25.6              | 1.1             | 0.6   | 11                               | 2       |
| VALOR ANUAL | 1180.3                |                                       |     |        |             | 30.7   | 22.6   | 26.3                 |     |        |     |       | 85                     | 23.4                      | 29.0              | 2428.8          | 143.9 |                                  |         |

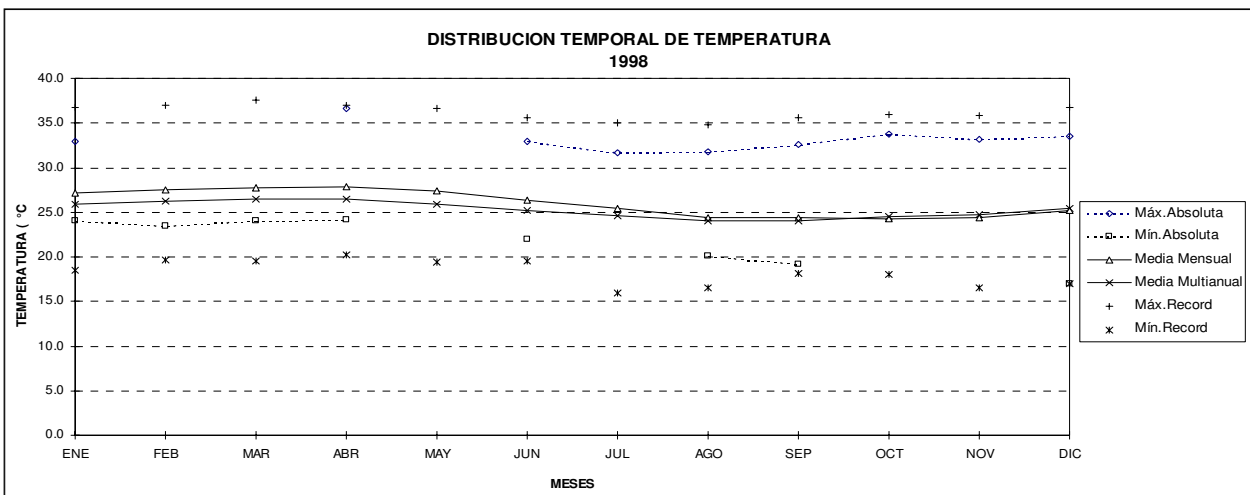
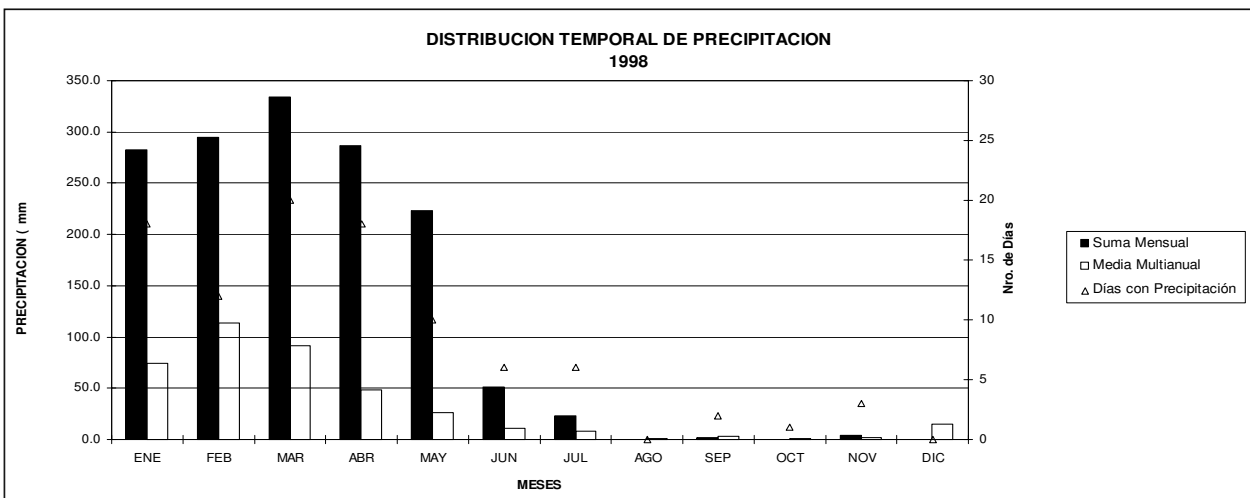
| MES         | EVAPORACION (mm) |                     |       | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |       |       |       |       |       |       |       |       |       |       |       |       | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |         |         |       |    |     |     |
|-------------|------------------|---------------------|-------|-------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|---------------------------|---------|---------|-------|----|-----|-----|
|             | Suma Mensual     | Máxima en 24hrs día |       |                               | N                                       | NE    |       | E     |       | SE    |       | S     |       | SW    |       | W     |       | NW    |                              |                           | CALMA % | Nro OBS |       |    |     |     |
|             |                  | (m/s)               | (m/s) |                               |   | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) |                              |                           |         |         | (m/s) |    |     |     |
| ENERO       | 84.6             |                     |       | 7                             | 1.8                                     | 4     | 2.4   | 12    | 2.4   | 5     | 0.0   | 0     | 1.0   | 1     | 1.5   | 7     | 2.0   | 13    | 1.5                          | 15                        | 43      | 93      | 8.0   | W  | 0.5 |     |
| FEBRERO     |                  |                     |       | 7                             | 1.6                                     | 6     | 1.5   | 7     | 2.0   | 4     | 2.0   | 5     | 2.0   | 5     | 2.3   | 5     | 1.9   | 13    | 2.3                          | 16                        | 41      | 84      | 6.0   | NW | 0.6 |     |
| MARZO       | 89.8             |                     |       | 7                             | 1.7                                     | 3     | 2.3   | 12    | 2.2   | 7     | 2.0   | 2     | 1.0   | 1     | 2.7   | 3     | 2.0   | 15    | 2.7                          | 10                        | 47      | 93      | 8.0   | NW | 0.5 |     |
| ABRIL       | 56.9             |                     |       | 7                             | 1.7                                     | 3     | 2.0   | 13    | 2.0   | 3     | 2.0   | 1     | 1.4   | 6     | 2.0   | 4     | 2.0   | 8     | 2.1                          | 17                        | 44      | 90      | 10.0  | NW | 0.5 |     |
| MAYO        | 67.5             |                     |       | 7                             | 0.0                                     | 0     | 2.2   | 13    | 2.0   | 3     | 2.8   | 4     | 1.5   | 2     | 1.5   | 2     | 2.1   | 10    | 1.9                          | 18                        | 47      | 93      | 4.0   | NW | 0.4 |     |
| JUNIO       | 64.3             |                     |       | 7                             | 2.0                                     | 2     | 2.0   | 3     | 2.0   | 3     | 2.0   | 1     | 2.0   | 4     | 2.3   | 3     | 2.8   | 13    | 2.1                          | 31                        | 38      | 90      | 6.0   | W  | 0.7 |     |
| JULIO       | 62.3             |                     |       | 8                             |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                              |                           |         |         |       |    |     | 0.7 |
| AGOSTO      |                  |                     |       | 8                             |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                              |                           |         |         |       |    |     | 0.7 |
| SEPTIEMBRE  | 53.6             |                     |       | 8                             | 1.0                                     | 1     | 3.0   | 2     | 0.0   | 0     | 1.0   | 1     | 1.0   | 1     | 2.0   | 7     | 1.9   | 16    | 1.9                          | 18                        | 54      | 90      | 4.0   | NW | 0.7 |     |
| OCTUBRE     |                  |                     |       | 7                             |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                              |                           |         |         |       |    |     | 1.1 |
| NOVIEMBRE   | 67.3             | 5.5                 | 13    | 8                             | 1.3                                     | 3     | 1.0   | 1     | 0.0   | 0     | 0.0   | 0     | 0.0   | 0     | 6.0   | 1     | 2.7   | 17    | 1.7                          | 23                        | 54      | 90      | 8.0   | W  | 1.2 |     |
| DICIEMBRE   | 74.2             | 5.0                 | 28    | 7                             | 1.5                                     | 2     | 2.0   | 4     | 0.0   | 0     | 2.0   | 1     | 1.8   | 4     | 2.5   | 4     | 1.9   | 22    | 2.0                          | 23                        | 40      | 93      | 6.0   | SW | 1.1 |     |
| VALOR ANUAL |                  |                     |       | 7                             |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                              |                           |         |         |       |    |     | 0.7 |



M165 **ROCAFUERTE** INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |      |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día  |                                  | Suma |
|             |                       | Máxima                                | día | Mínima      | día | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |      |                                  |      |
| ENERO       |                       | 33.0                                  | 31  | 24.0        | 9   | 30.9   | 24.8   | 27.2                 | 98  | 5      | 64  | 31    | 88                     | 25.1                      | 31.9              | 282.8           | 72.0 | 24                               | 18   |
| FEBRERO     |                       |                                       |     | 23.5        | 9   | 31.4   | 25.0   | 27.5                 | 100 | 18     | 62  | 4     | 87                     | 25.1                      | 31.9              | 294.3           | 77.0 | 18                               | 12   |
| MARZO       |                       |                                       |     | 24.0        | 8   | 31.5   | 24.9   | 27.7                 |     |        |     |       | 88                     | 25.4                      | 32.4              | 333.5           | 77.2 | 5                                | 20   |
| ABRIL       |                       | 36.6                                  | 1   | 24.2        | 10  | 32.0   | 25.2   | 27.9                 | 99  | 29     | 65  | 12    | 86                     | 25.3                      | 32.3              | 286.6           | 54.0 | 29                               | 18   |
| MAYO        |                       |                                       |     |             |     | 31.3   | 24.5   | 27.4                 | 100 | 13     | 68  | 1     | 88                     | 25.1                      | 31.9              | 223.4           | 88.8 | 26                               | 10   |
| JUNIO       |                       | 33.0                                  | 3   | 22.0        | 28  | 30.8   | 23.5   | 26.4                 | 98  | 1      | 64  | 25    | 87                     | 24.0                      | 29.8              | 50.9            | 16.5 | 17                               | 6    |
| JULIO       |                       | 31.7                                  | 3   |             |     | 29.6   | 22.8   | 25.4                 | 98  | 6      | 72  | 17    | 87                     | 23.0                      | 28.2              | 23.4            | 7.0  | 21                               | 6    |
| AGOSTO      |                       | 31.8                                  | 29  | 20.1        | 17  | 28.7   | 21.6   | 24.4                 | 98  | 31     | 67  | 19    | 86                     | 21.9                      | 26.4              | 0.0             | 0.0  | 1                                | 0    |
| SEPTIEMBRE  |                       | 32.6                                  | 5   | 19.2        | 7   | 29.0   | 21.5   | 24.4                 | 98  | 1      | 65  | 13    | 86                     | 21.8                      | 26.1              | 2.0             | 1.2  | 16                               | 2    |
| OCTUBRE     |                       | 33.8                                  | 11  |             |     | 28.9   | 20.9   | 24.3                 | 97  | 4      | 62  | 22    | 83                     | 21.2                      | 25.2              | 0.4             | 0.4  | 3                                | 1    |
| NOVIEMBRE   |                       | 33.2                                  | 5   |             |     | 28.6   | 21.2   | 24.4                 | 100 | 19     | 62  | 1     | 82                     | 20.9                      | 24.8              | 4.5             | 2.8  | 18                               | 3    |
| DICIEMBRE   |                       | 33.5                                  | 31  | 17.0        | 8   | 30.0   | 21.4   | 25.2                 | 100 | 7      | 56  | 24    | 80                     | 21.3                      | 25.4              | 0.0             | 0.0  | 1                                | 0    |
| VALOR ANUAL |                       |                                       |     |             |     | 30.2   | 23.1   | 26.0                 |     |        |     |       | 85                     | 23.3                      | 28.8              | 1501.8          | 88.8 |                                  |      |

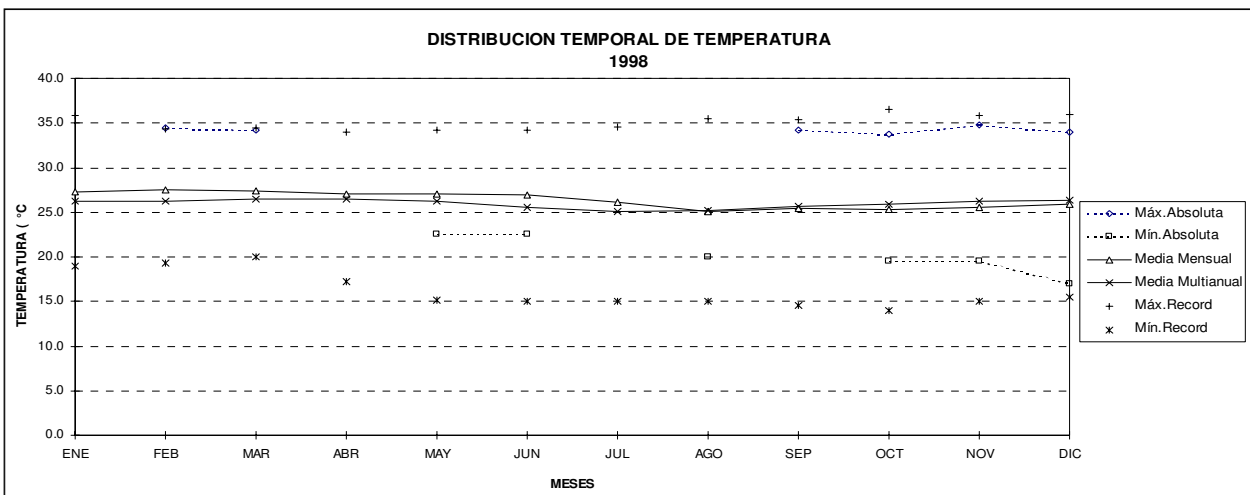
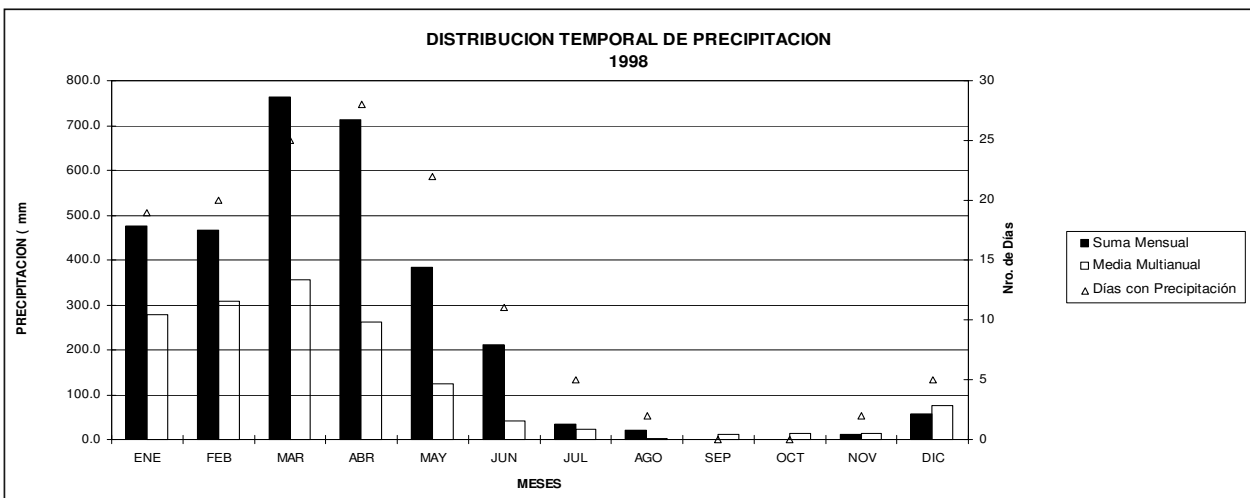
| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |   |     |       | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |         |       |    |       |      |       |
|-------------|------------------|-----------------|---------------|-------------------------------|---|-------|-----|---|-------|---|-----|-------|-----|---|-----|-------|------------------------------|---------------------------|---------|-------|----|-------|------|-------|
|             | Suma Mensual     | Máxima en 24hrs | Máxima en día |                               | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W | NW  | CALMA |                              |                           | Nro OBS |       |    |       |      |       |
|             |                  |                 |               |                               |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |   |     |       |                              |                           |         | (m/s) | %  | (m/s) | %    | (m/s) |
| ENERO       |                  |                 |               | 7                             | 0.0                                     | 0     | 2.0 | 1 | 0.0   | 0 | 2.0 | 1     | 0.0 | 0 | 3.8 | 10    | 0.0                          | 0                         | 3.4     | 36    | 53 | 93    | 10.0 | NW    |
| FEBRERO     |                  |                 |               | 7                             | 0.0                                     | 0     | 2.0 | 1 | 0.0   | 0 | 3.3 | 7     | 3.0 | 2 | 2.8 | 19    | 0.0                          | 0                         | 2.8     | 32    | 38 | 84    | 8.0  | NW    |
| MARZO       |                  |                 |               | 7                             | 0.0                                     | 0     | 2.0 | 1 | 0.0   | 0 | 2.4 | 6     | 4.0 | 1 | 2.8 | 11    | 0.0                          | 0                         | 2.8     | 34    | 47 | 90    | 8.0  | NW    |
| ABRIL       |                  |                 |               | 7                             | 0.0                                     | 0     | 2.0 | 4 | 0.0   | 0 | 2.4 | 5     | 2.0 | 1 | 2.9 | 12    | 0.0                          | 0                         | 3.8     | 28    | 50 | 93    | 10.0 | NW    |
| MAYO        |                  |                 |               | 7                             | 0.0                                     | 0     | 6.0 | 1 | 0.0   | 0 | 2.0 | 2     | 0.0 | 0 | 2.5 | 32    | 4.0                          | 1                         | 2.8     | 26    | 38 | 90    | 8.0  | NW    |
| JUNIO       |                  |                 |               | 7                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 3.0 | 2     | 4.0 | 1 | 3.1 | 18    | 2.0                          | 2                         | 3.3     | 40    | 37 | 93    | 8.0  | NW    |
| JULIO       |                  |                 |               | 7                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 2.0 | 1     | 0.0 | 0 | 3.0 | 25    | 0.0                          | 0                         | 3.5     | 39    | 36 | 93    | 6.0  | NW    |
| AGOSTO      |                  |                 |               | 7                             | 0.0                                     | 0     | 2.0 | 1 | 0.0   | 0 | 2.3 | 9     | 0.0 | 0 | 3.2 | 13    | 0.0                          | 0                         | 3.7     | 44    | 32 | 90    | 6.0  | SW    |
| SEPTIEMBRE  |                  |                 |               | 7                             | 0.0                                     | 0     | 2.0 | 2 | 0.0   | 0 | 4.0 | 1     | 0.0 | 0 | 3.0 | 27    | 0.0                          | 0                         | 3.8     | 34    | 36 | 93    | 6.0  | NW    |
| OCTUBRE     |                  |                 |               | 7                             | 0.0                                     | 0     | 2.0 | 1 | 0.0   | 0 | 2.5 | 4     | 0.0 | 0 | 2.3 | 20    | 0.0                          | 0                         | 3.9     | 48    | 27 | 90    | 6.0  | NW    |
| NOVIEMBRE   |                  |                 |               | 6                             | 0.0                                     | 0     | 2.0 | 7 | 2.0   | 1 | 2.0 | 4     | 0.0 | 0 | 2.8 | 13    | 0.0                          | 0                         | 4.0     | 53    | 23 | 93    | 6.0  | NW    |
| DICIEMBRE   |                  |                 |               | 6                             | 0.0                                     | 0     | 2.0 | 7 | 2.0   | 1 | 2.0 | 4     | 0.0 | 0 | 2.8 | 13    | 0.0                          | 0                         | 4.0     | 53    | 23 | 93    | 6.0  | NW    |
| VALOR ANUAL |                  |                 |               | 6                             |   |       |     |   |       |   |     |       |     |   |     |       |                              |                           |         |       |    |       |      |       |



M166 OLMEDO-MANABI INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |             |      |        | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                 | Número de días con precipitación |        |
|-------------|-----------------------|---------------------------------------|------|-------------|------|--------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|---------|-----------------|----------------------------------|--------|
|             |                       | ABSOLUTAS                             |      | M E D I A S |      |        | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | Mensual | Máxima en 24hrs |                                  |        |
|             |                       | Máxima                                | día  | Mínima      | día  | Máxima |                      |            |       |         |                        |                           |                   |         |                 |                                  | Mínima |
| ENERO       | 107.0                 |                                       |      | 31.3        | 24.5 | 27.3   |                      |            | 86    | 24.7    | 31.0                   | 475.0                     | 100.0             | 8       | 19              |                                  |        |
| FEBRERO     | 79.7                  | 34.4                                  | 28   | 31.4        | 24.4 | 27.5   | 98                   | 25         | 67    | 3       | 86                     | 24.8                      | 31.2              | 466.0   | 68.6            | 3                                | 20     |
| MARZO       | 110.3                 | 34.2                                  | 31   | 32.2        | 24.4 | 27.4   |                      |            | 87    | 25.0    | 31.7                   | 763.4                     | 91.2              | 6       | 25              |                                  |        |
| ABRIL       | 126.1                 |                                       |      | 32.3        | 24.5 | 27.1   |                      |            | 87    | 24.7    | 31.1                   | 713.4                     | 73.2              | 23      | 28              |                                  |        |
| MAYO        | 105.9                 |                                       | 22.5 | 31.5        | 24.5 | 27.1   |                      |            | 88    | 24.8    | 31.4                   | 383.0                     | 58.8              | 26      | 22              |                                  |        |
| JUNIO       | 114.6                 |                                       | 22.5 | 31.4        | 23.5 | 26.9   |                      |            | 84    | 23.9    | 29.7                   | 210.6                     | 75.0              | 17      | 11              |                                  |        |
| JULIO       | 101.3                 |                                       |      | 30.2        | 22.7 | 26.1   |                      |            | 84    | 23.0    | 28.1                   | 34.6                      | 14.8              | 9       | 5               |                                  |        |
| AGOSTO      | 76.7                  |                                       | 20.0 | 29.4        | 21.6 | 25.1   |                      |            | 83    | 21.9    | 26.3                   | 19.6                      | 10.2              | 9       | 2               |                                  |        |
| SEPTIEMBRE  | 71.4                  | 34.2                                  | 7    | 29.4        | 21.6 | 25.4   | 98                   | 7          | 46    | 7       | 80                     | 21.5                      | 25.7              | 0.0     | 0.0             | 1                                | 0      |
| OCTUBRE     | 77.6                  | 33.8                                  | 13   | 29.8        | 21.1 | 25.3   | 97                   | 2          | 56    | 23      | 77                     | 20.6                      | 24.3              | 0.0     | 0.0             | 1                                | 0      |
| NOVIEMBRE   | 66.9                  | 34.8                                  | 7    | 30.2        | 20.9 | 25.6   | 98                   | 26         | 47    | 7       | 81                     | 21.9                      | 26.4              | 11.6    | 9.8             | 18                               | 2      |
| DICIEMBRE   | 89.2                  | 34.0                                  | 2    | 30.8        | 20.8 | 25.9   |                      |            | 80    | 22.1    | 26.7                   | 58.0                      | 37.8              | 16      | 5               |                                  |        |
| VALOR ANUAL | 1126.7                |                                       |      | 30.8        | 22.8 | 26.3   |                      |            | 83    | 23.2    | 28.6                   | 3135.2                    | 100.0             |         |                 |                                  |        |

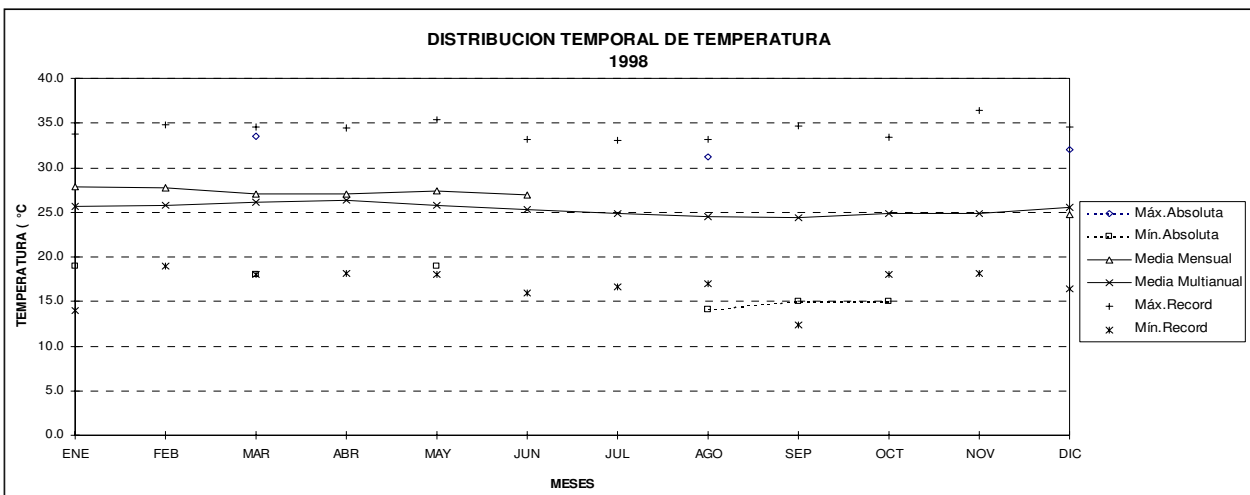
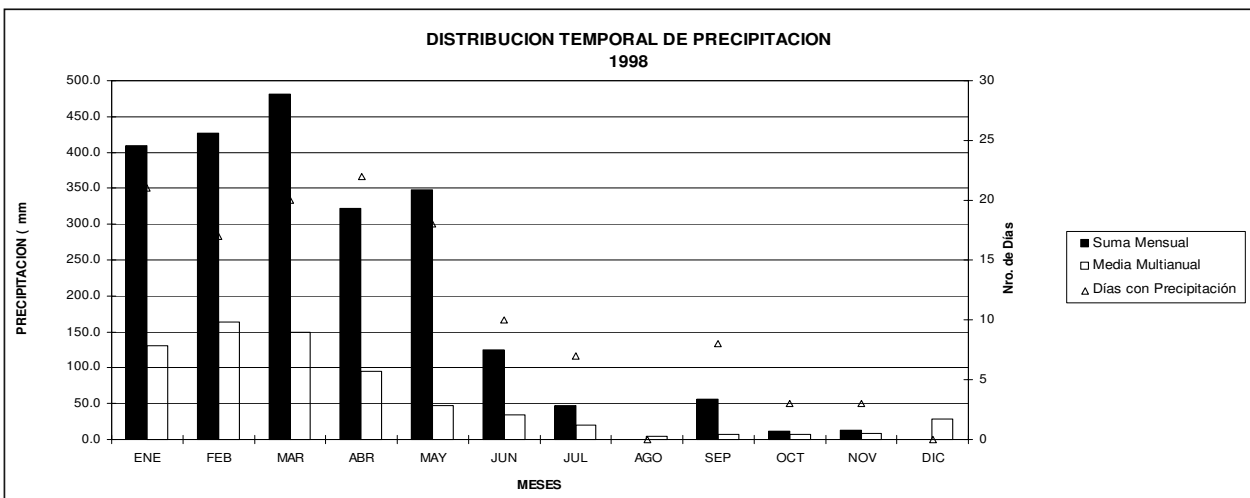
| MES         | EVAPORACION (mm) |                 |       | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |
|-------------|------------------|-----------------|-------|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------------------------------|---------------------------|---------|---------|
|             | Suma Mensual     | Máxima en 24hrs | día   |                               | N                                       |       | NE  |       | E   |       | SE  |       | S   |       | SW  |       | W   |       | NW  |       |                                  |                           | CALMA % | Nro OBS |
|             | (m/s)            | %               | (m/s) |                               | %                                       | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                                  |                           | %       | %       |
| ENERO       |                  |                 |       | 7                             | 0.0                                     | 0     | 4.5 | 19    | 0.0 | 0     | 4.2 | 21    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 60                               | 84                        | 8.0     | SE      |
| FEBRERO     |                  |                 |       | 7                             | 0.0                                     | 0     | 3.8 | 14    | 0.0 | 0     | 4.8 | 22    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 65                               | 93                        | 8.0     | SE      |
| MARZO       |                  |                 |       |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |
| ABRIL       |                  |                 |       |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |
| MAYO        |                  |                 |       |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |
| JUNIO       |                  |                 |       |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |
| JULIO       |                  |                 |       |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |
| AGOSTO      |                  |                 |       |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |
| SEPTIEMBRE  |                  |                 |       | 7                             | 0.0                                     | 0     | 3.9 | 19    | 0.0 | 0     | 4.3 | 26    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 56                               | 90                        | 6.0     | SE      |
| OCTUBRE     |                  |                 |       |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |
| NOVIEMBRE   |                  |                 |       | 7                             | 0.0                                     | 0     | 4.6 | 19    | 0.0 | 0     | 4.6 | 23    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 58                               | 90                        | 8.0     | SE      |
| DICIEMBRE   |                  |                 |       |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |
| VALOR ANUAL |                  |                 |       | 7                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |



**M167 JAMA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |             |      |        | HUMEDAD RELATIVA (%) |      |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |       | Número de días con precipitación |        |         |
|-------------|-----------------------|---------------------------------------|------|-------------|------|--------|----------------------|------|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-------|----------------------------------|--------|---------|
|             |                       | ABSOLUTAS                             |      | M E D I A S |      |        | Máxima               | día  | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día   |                                  |        |         |
|             |                       | Máxima                                | día  | Mínima      | día  | Máxima |                      |      |        |     |       |                        |                           |                   |                 |       |                                  | Mínima | Mensual |
| ENERO       |                       |                                       | 19.0 | 2           | 31.6 | 21.4   | 27.9                 | 92   | 29     | 70  | 22    | 82                     | 24.5                      | 31.0              | 409.2           | 89.0  | 29                               | 21     |         |
| FEBRERO     |                       |                                       |      |             | 31.8 | 22.0   | 27.7                 |      |        |     |       | 84                     | 24.8                      | 31.5              | 426.9           | 168.6 | 26                               | 17     |         |
| MARZO       |                       | 33.5                                  | 25   | 18.0        | 3    | 31.5   | 20.8                 | 27.1 | 99     | 20  | 71    | 8                      | 84                        | 24.2              | 30.5            | 481.3 | 130.6                            | 13     | 20      |
| ABRIL       |                       |                                       |      |             | 31.0 | 21.2   | 27.1                 |      |        |     |       | 85                     | 24.2                      | 30.5              | 322.2           | 47.0  | 22                               | 22     |         |
| MAYO        |                       |                                       | 19.0 | 10          |      | 22.6   | 27.4                 | 99   | 22     | 60  | 13    | 83                     | 24.3                      | 30.6              | 347.6           | 103.1 | 9                                | 18     |         |
| JUNIO       |                       |                                       |      |             | 30.4 | 22.4   | 26.9                 |      |        |     |       | 82                     | 23.6                      | 29.3              | 124.3           | 35.6  | 3                                | 10     |         |
| JULIO       |                       |                                       |      |             | 30.1 | 20.5   |                      |      |        |     |       |                        |                           |                   | 47.9            | 12.3  | 15                               | 7      |         |
| AGOSTO      |                       | 31.2                                  | 2    | 14.1        | 17   | 28.6   | 19.4                 |      |        |     |       |                        |                           |                   | 0.0             | 0.0   | 1                                | 0      |         |
| SEPTIEMBRE  |                       |                                       |      | 15.0        | 27   | 28.3   | 18.3                 |      |        |     |       |                        |                           |                   | 55.5            | 14.5  | 5                                | 8      |         |
| OCTUBRE     |                       |                                       |      | 15.0        | 1    | 28.3   | 16.6                 |      |        |     |       |                        |                           |                   | 11.0            | 6.0   | 16                               | 3      |         |
| NOVIEMBRE   |                       |                                       |      |             | 28.1 | 18.2   |                      |      |        |     |       |                        |                           |                   | 13.0            | 10.0  | 16                               | 3      |         |
| DICIEMBRE   |                       | 32.0                                  | 20   |             | 29.4 | 21.4   | 24.7                 |      |        |     |       |                        |                           |                   | 0.0             | 0.0   | 1                                | 0      |         |
| VALOR ANUAL |                       |                                       |      |             |      | 20.4   |                      |      |        |     |       |                        |                           |                   | 2238.9          | 168.6 |                                  |        |         |

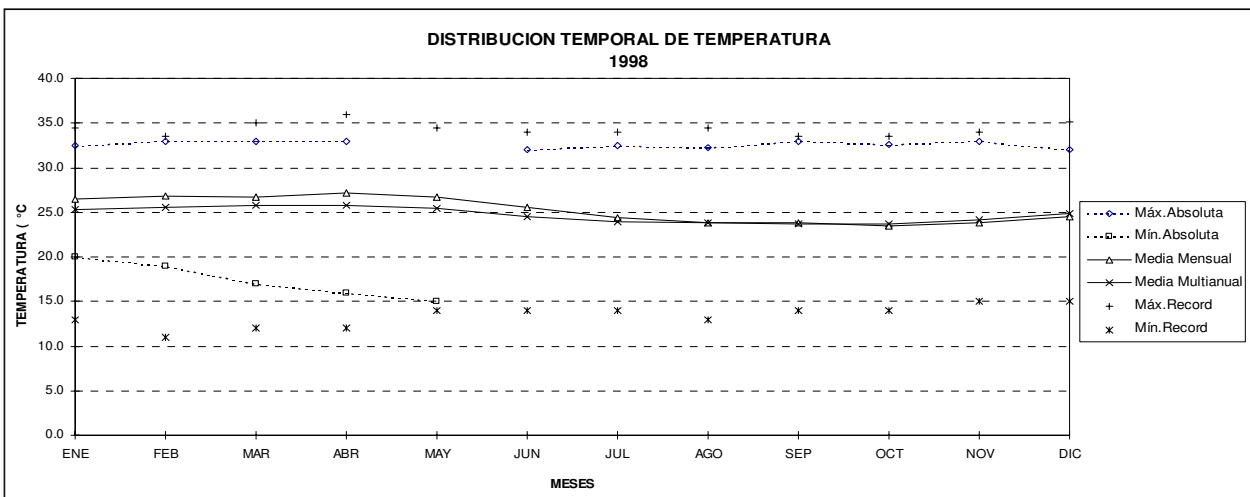
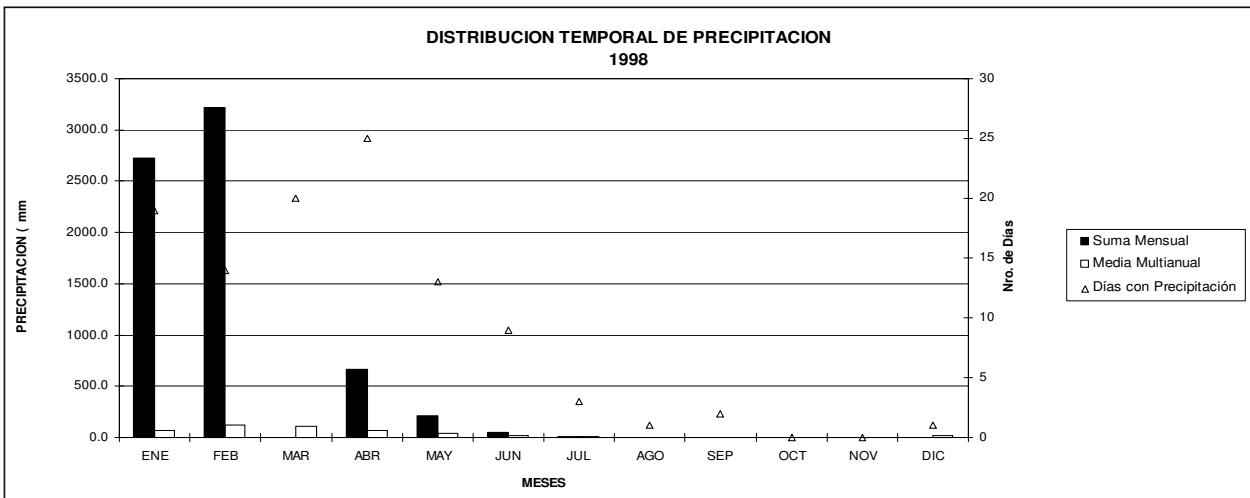
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |       |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---------|----------------------------------|---------------------------|---------|-------|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA % |                                  |                           | Nro OBS |       |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   |         |                                  |                           |         | (m/s) |
| ENERO       |                  |                 |     | 7                             | 4.0                                     | 7     | 4.9 | 8     | 3.8 | 9     | 5.1 | 10    | 3.0 | 11    | 0.0 | 0     | 4.0 | 1     | 0.0 | 0       | 56                               | 93                        | 8.0     | SE    |
| FEBRERO     |                  |                 |     | 7                             | 2.0                                     | 1     | 5.0 | 2     | 3.0 | 2     | 6.0 | 13    | 2.4 | 13    | 4.0 | 1     | 0.0 | 0     | 0.0 | 0       | 67                               | 84                        | 10.0    | SE    |
| MARZO       |                  |                 |     | 6                             | 2.0                                     | 3     | 5.0 | 2     | 6.0 | 1     | 5.0 | 9     | 3.1 | 19    | 0.0 | 0     | 2.0 | 2     | 0.0 | 0       | 63                               | 90                        | 8.0     | SE    |
| ABRIL       |                  |                 |     | 7                             | 3.3                                     | 10    | 5.0 | 4     | 2.5 | 4     | 5.8 | 13    | 2.6 | 17    | 0.0 | 0     | 2.0 | 2     | 0.0 | 0       | 50                               | 93                        | 8.0     | SE    |
| MAYO        |                  |                 |     | 6                             | 4.0                                     | 2     | 6.7 | 3     | 2.9 | 12    | 6.7 | 10    | 4.0 | 17    | 0.0 | 0     | 2.5 | 4     | 0.0 | 0       | 52                               | 93                        | 8.0     | SE    |
| JUNIO       |                  |                 |     | 8                             | 4.0                                     | 2     | 0.0 | 0     | 3.8 | 10    | 5.3 | 3     | 5.3 | 3     | 5.1 | 22    | 5.3 | 9     | 0.0 | 0       | 52                               | 93                        | 8.0     | S     |
| JULIO       |                  |                 |     | 8                             | 0.0                                     | 0     | 5.0 | 2     | 6.0 | 1     | 4.0 | 8     | 4.0 | 1     | 5.1 | 38    | 5.3 | 12    | 0.0 | 0       | 39                               | 93                        | 8.0     | SW    |
| AGOSTO      |                  |                 |     | 6                             | 0.0                                     | 0     | 5.8 | 12    | 0.0 | 0     | 4.5 | 24    | 0.0 | 0     | 0.0 | 0     | 5.1 | 17    | 0.0 | 0       | 47                               | 93                        | 8.0     | W     |
| SEPTIEMBRE  |                  |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |
| OCTUBRE     |                  |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |
| NOVIEMBRE   |                  |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |
| DICIEMBRE   |                  |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |
| VALOR ANUAL |                  |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |



M169 JULCUY INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |             |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |       | Número de días con precipitación |      |
|-------------|-----------------------|---------------------------------------|-----|--------|-------------|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-------|----------------------------------|------|
|             |                       | ABSOLUTAS                             |     |        | M E D I A S |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día   |                                  | Suma |
|             |                       | Máxima                                | día | Mínima | día         | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |       |                                  |      |
| ENERO       | 91.7                  | 32.5                                  | 19  | 20.0   | 17          | 30.1   | 21.3   | 26.5                 | 100 | 3      | 83  | 13    | 97                     | 25.9                      | 33.7              | 2722.8          | 552.0 | 15                               | 19   |
| FEBRERO     |                       | 33.0                                  | 28  | 19.0   | 9           | 30.3   | 20.4   | 26.8                 |     |        |     |       | 97                     | 26.4                      | 34.7              | 3220.0          | 758.0 | 26                               | 14   |
| MARZO       | 88.9                  | 33.0                                  | 21  | 17.0   | 26          | 30.7   | 18.6   | 26.7                 | 100 | 2      | 60  | 12    | 96                     | 26.0                      | 34.0              | 2771.2          | 196.0 | 25                               | 20   |
| ABRIL       | 123.3                 | 33.0                                  | 4   | 16.0   | 27          | 31.0   | 17.6   | 27.2                 |     |        |     |       | 96                     | 26.6                      | 35.0              | 659.4           | 178.0 | 2                                | 25   |
| MAYO        | 97.8                  |                                       |     | 15.0   | 3           | 30.3   | 16.6   | 26.7                 | 100 | 3      | 34  | 6     | 96                     | 26.1                      | 34.1              | 211.6           | 40.0  | 16                               | 13   |
| JUNIO       | 103.3                 | 32.0                                  | 1   |        |             | 29.4   | 14.4   | 25.6                 | 100 | 1      | 89  | 2     | 97                     | 25.1                      | 32.3              | 52.8            | 16.8  | 17                               | 9    |
| JULIO       | 70.0                  | 32.5                                  | 25  |        |             | 28.4   |        | 24.4                 | 100 | 1      | 75  | 30    | 95                     | 23.6                      | 29.3              | 10.0            | 6.8   | 30                               | 3    |
| AGOSTO      | 84.8                  | 32.3                                  | 29  |        |             | 28.0   |        | 23.8                 | 100 | 28     | 75  | 11    | 91                     | 22.1                      | 26.9              | 3.5             | 3.5   | 9                                | 1    |
| SEPTIEMBRE  | 89.3                  | 33.0                                  | 7   |        |             | 28.5   |        | 23.8                 |     |        |     |       | 92                     | 22.3                      | 27.2              | 1.2             | 0.6   | 16                               | 2    |
| OCTUBRE     | 83.2                  | 32.6                                  | 12  |        |             | 28.4   |        | 23.5                 |     |        |     |       | 91                     | 21.9                      | 26.6              | 0.0             | 0.0   | 1                                | 0    |
| NOVIEMBRE   | 92.8                  | 33.0                                  | 18  |        |             | 28.6   | 17.2   | 23.8                 |     |        |     |       | 92                     | 22.5                      | 27.6              | 0.0             | 0.0   | 1                                | 0    |
| DICIEMBRE   | 61.8                  | 32.0                                  | 24  |        |             | 29.2   | 16.6   | 24.5                 |     |        |     |       | 91                     | 22.8                      | 27.9              | 3.2             | 3.2   | 16                               | 1    |
| VALOR ANUAL |                       |                                       |     |        |             | 29.4   |        | 25.2                 |     |        |     |       | 94                     | 24.2                      | 30.7              | 9655.7          | 196.0 |                                  |      |

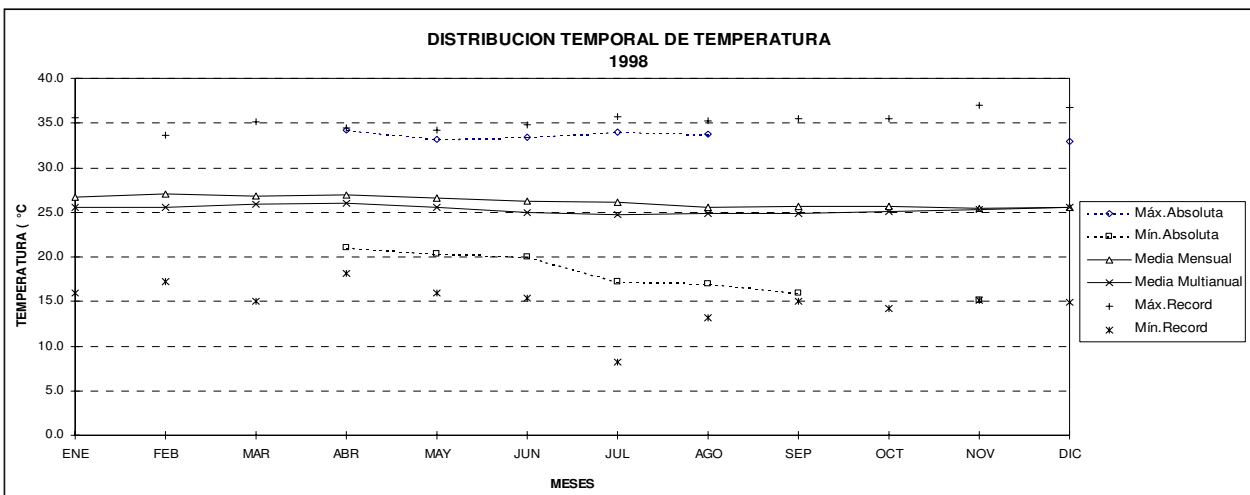
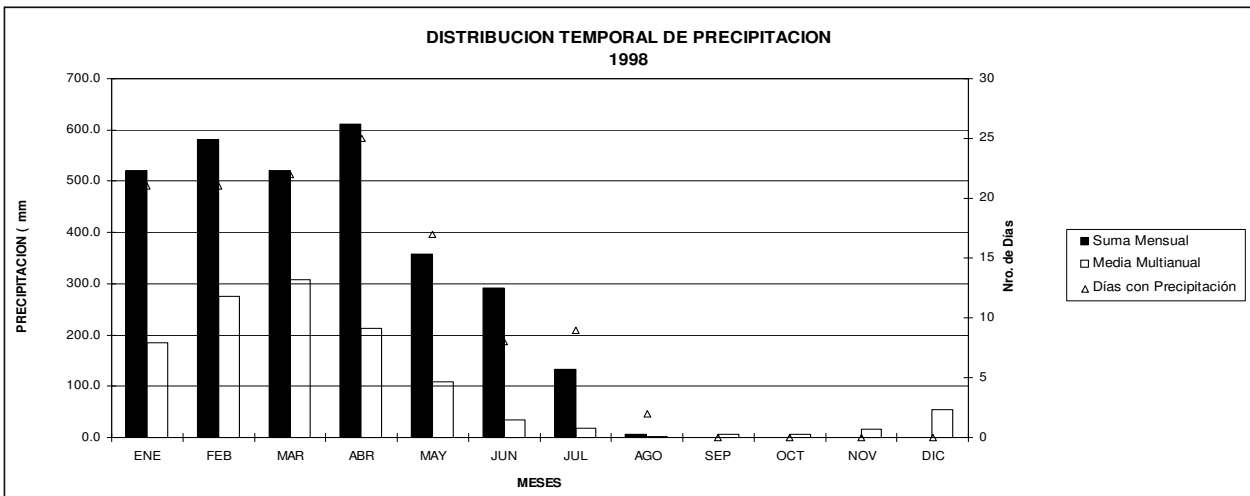
| MES         | EVAPORACION (mm) |                 | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |     |     |       |     |   |     |         |         |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |     |    |     |    |  |
|-------------|------------------|-----------------|-------------------------------|---|-------|-----|----|-------|-----|-----|-------|-----|---|-----|---------|---------|-------|----------------------------------|---------------------------|-----|----|-----|----|--|
|             | Suma Mensual     | Máxima en 24hrs |                               | N                                       | NE    |     | E  | SE    |     | S   | SW    |     | W | NW  | CALMA % | Nro OBS |       |                                  |                           |     |    |     |    |  |
|             | (m/s)            | (%)             |                               |   | (m/s) | (%) |    | (m/s) | (%) |     | (m/s) | (%) |   |     |         |         | (m/s) |                                  |                           | (%) |    |     |    |  |
| ENERO       |                  |                 | 5                             | 0.0                                     | 0     | 2.8 | 28 | 2.3   | 8   | 2.9 | 10    | 3.5 | 4 | 0.0 | 0       | 0.0     | 0     | 0.0                              | 0                         | 51  | 93 | 4.0 | S  |  |
| FEBRERO     |                  |                 | 5                             | 2.0                                     | 1     | 2.3 | 27 | 2.4   | 11  | 3.1 | 17    | 2.0 | 2 | 0.0 | 0       | 0.0     | 0     | 0.0                              | 0                         | 42  | 84 | 4.0 | NE |  |
| MARZO       |                  |                 | 5                             | 2.0                                     | 3     | 2.7 | 23 | 2.3   | 8   | 2.9 | 8     | 2.9 | 8 | 4.0 | 1       | 0.0     | 0     | 0.0                              | 0                         | 51  | 93 | 4.0 | NE |  |
| ABRIL       |                  |                 | 5                             | 2.0                                     | 1     | 3.1 | 23 | 2.9   | 10  | 2.7 | 3     | 3.0 | 7 | 3.0 | 2       | 0.0     | 0     | 0.0                              | 0                         | 53  | 90 | 4.0 | NE |  |
| MAYO        |                  |                 | 5                             | 3.0                                     | 2     | 3.3 | 26 | 2.3   | 9   | 3.3 | 9     | 2.0 | 1 | 3.5 | 4       | 0.0     | 0     | 0.0                              | 0                         | 50  | 93 | 4.0 | NE |  |
| JUNIO       |                  |                 | 5                             | 0.0                                     | 0     | 2.9 | 27 | 2.7   | 13  | 3.4 | 16    | 4.0 | 1 | 4.0 | 3       | 0.0     | 0     | 0.0                              | 0                         | 40  | 90 | 4.0 | NE |  |
| JULIO       |                  |                 |                               |   |       |     |    |       |     |     |       |     |   |     |         |         |       |                                  |                           |     |    |     |    |  |
| AGOSTO      |                  |                 | 6                             | 0.0                                     | 0     | 2.8 | 32 | 3.8   | 11  | 3.6 | 17    | 2.0 | 2 | 6.0 | 1       | 0.0     | 0     | 2.0                              | 1                         | 36  | 93 | 6.0 | E  |  |
| SEPTIEMBRE  |                  |                 | 6                             | 0.0                                     | 0     | 2.7 | 34 | 2.8   | 11  | 4.4 | 10    | 3.3 | 3 | 6.0 | 2       | 2.0     | 1     | 0.0                              | 0                         | 38  | 90 | 6.0 | E  |  |
| OCTUBRE     |                  |                 | 6                             | 6.0                                     | 2     | 2.5 | 36 | 2.8   | 14  | 3.5 | 13    | 4.0 | 2 | 0.0 | 0       | 0.0     | 0     | 0.0                              | 0                         | 33  | 93 | 6.0 | SE |  |
| NOVIEMBRE   |                  |                 | 6                             | 0.0                                     | 0     | 2.8 | 34 | 3.1   | 19  | 5.2 | 6     | 3.0 | 2 | 4.0 | 1       | 0.0     | 0     | 0.0                              | 0                         | 38  | 90 | 6.0 | SE |  |
| DICIEMBRE   |                  |                 |                               |   |       |     |    |       |     |     |       |     |   |     |         |         |       |                                  |                           |     |    |     |    |  |
| VALOR ANUAL |                  |                 | 5                             |   |       |     |    |       |     |     |       |     |   |     |         |         |       |                                  |                           |     |    |     |    |  |



M171 CAMPOSANO #2 INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |    |             |      | HUMEDAD RELATIVA (%) |            |       |            | PUNTO DE ROCIO (°C) | TENSION DE VAPOR (hPa) | PRECIPITACION(mm) |       |              | Número de días con precipitación |                 |        |       |      |    |
|-------------|-----------------------|---------------------------------------|----|-------------|------|----------------------|------------|-------|------------|---------------------|------------------------|-------------------|-------|--------------|----------------------------------|-----------------|--------|-------|------|----|
|             |                       | ABSOLUTAS                             |    | M E D I A S |      | Máxima día           | Mínima día | Media | Máxima día |                     |                        | Mínima día        | Media | Suma Mensual |                                  | Máxima en 24hrs | en día |       |      |    |
| ENERO       | 89.6                  |                                       |    | 31.3        | 23.2 |                      |            |       |            | 26.7                |                        |                   |       |              | 88                               | 24.4            | 30.6   | 520.0 | 66.6 | 25 |
| FEBRERO     | 70.4                  |                                       |    | 31.9        | 23.5 | 27.1                 |            |       | 90         | 25.1                | 32.1                   | 580.6             | 87.8  | 24           | 21                               |                 |        |       |      |    |
| MARZO       | 98.7                  |                                       |    | 31.8        | 23.0 | 26.8                 |            |       | 90         | 24.9                | 31.5                   | 521.4             | 68.7  | 13           | 22                               |                 |        |       |      |    |
| ABRIL       | 56.3                  | 34.2                                  | 4  | 21.0        | 5    | 31.7                 | 22.5       | 26.9  | 98         | 1                   | 59                     | 11                | 89    | 24.9         | 31.6                             | 612.4           | 63.4   | 29    | 25   |    |
| MAYO        | 70.9                  | 33.2                                  | 21 | 20.4        | 16   | 31.4                 | 22.2       | 26.6  | 100        | 11                  | 76                     | 8                 | 91    | 24.9         | 31.7                             | 357.2           | 62.0   | 14    | 17   |    |
| JUNIO       | 81.0                  | 33.4                                  | 9  | 20.0        | 27   | 30.9                 | 21.6       | 26.2  | 100        | 29                  | 76                     | 25                | 91    | 24.7         | 31.2                             | 292.3           | 75.4   | 8     | 8    |    |
| JULIO       | 101.0                 | 34.0                                  | 18 | 17.2        | 24   | 31.3                 | 20.3       | 26.1  | 97         | 13                  | 71                     | 24                | 90    | 24.3         | 30.6                             | 132.8           | 33.5   | 13    | 9    |    |
| AGOSTO      | 92.7                  | 33.8                                  | 17 | 17.0        | 17   | 30.9                 | 19.5       | 25.6  | 97         | 2                   | 75                     | 12                | 89    | 23.7         | 29.7                             | 6.6             | 5.4    | 7     | 2    |    |
| SEPTIEMBRE  | 69.8                  |                                       |    | 16.0        | 7    | 31.2                 | 19.2       | 25.7  | 100        | 28                  | 76                     | 3                 | 90    | 23.8         | 29.9                             | 0.0             | 0.0    | 1     | 0    |    |
| OCTUBRE     | 78.0                  |                                       |    |             |      | 31.3                 | 18.7       | 25.7  |            |                     |                        |                   |       | 91           | 24.1                             | 30.5            | 0.0    | 0.0   | 1    | 0  |
| NOVIEMBRE   |                       |                                       |    | 15.2        | 25   | 30.6                 | 19.2       | 25.4  | 97         | 3                   | 73                     | 10                | 91    | 23.7         | 29.8                             | 0.0             | 0.0    | 1     | 0    |    |
| DICIEMBRE   |                       | 33.0                                  | 1  |             |      | 30.9                 | 19.1       | 25.5  | 97         | 16                  | 76                     | 30                | 91    | 23.9         | 30.2                             | 0.0             | 0.0    | 1     | 0    |    |
| VALOR ANUAL |                       |                                       |    | 31.2        | 21.0 | 26.1                 |            |       | 90         | 24.3                | 30.7                   | 3023.3            | 87.8  |              |                                  |                 |        |       |      |    |

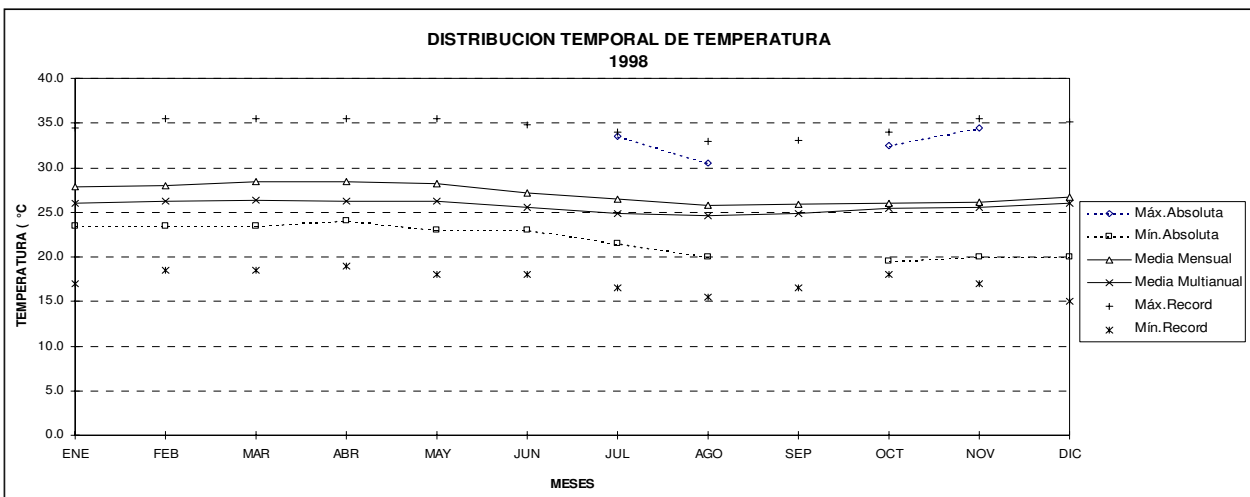
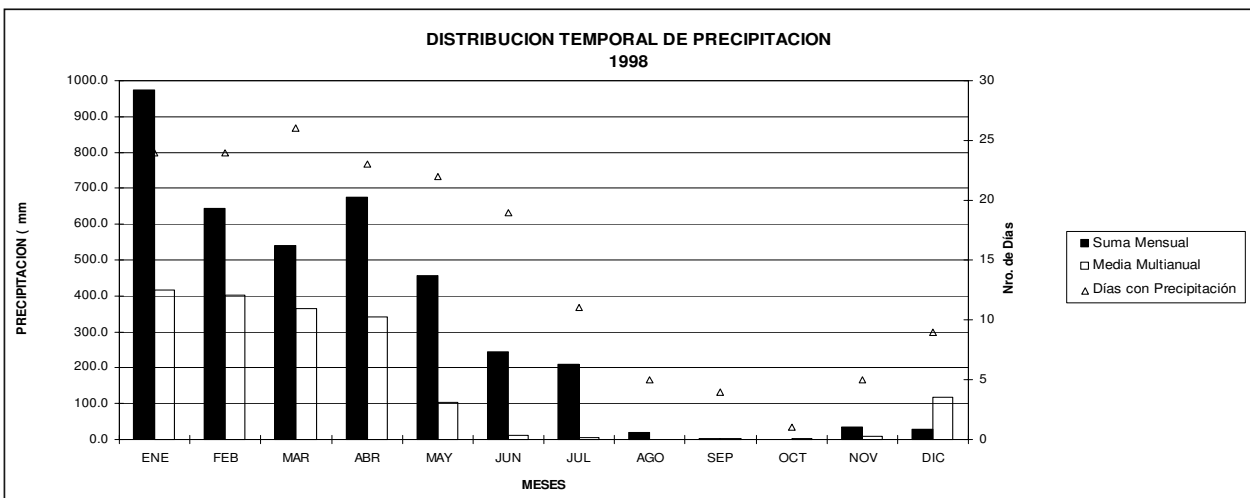
| MES         | EVAPORACION (mm) |                 | NUBOSIDAD MEDIA (Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |     |    |     |    |     |    |       |         |     |   | Vel Mayor Observada (m/s) DIR | VELOCIDAD MEDIA (Km/h) |     |    |    |    |     |    |  |
|-------------|------------------|-----------------|-------------------------|---|----|-----|----|-----|----|-----|----|-------|---------|-----|---|-------------------------------|------------------------|-----|----|----|----|-----|----|--|
|             | Suma Mensual     | Máxima en 24hrs |                         | N                                       | NE | E   | SE | S   | SW | W   | NW | CALMA | Nro OBS |     |   |                               |                        |     |    |    |    |     |    |  |
| ENERO       |                  |                 |                         |   |    |     |    |     |    |     |    |       |         |     |   |                               |                        |     |    |    |    |     |    |  |
| FEBRERO     |                  |                 |                         |   |    |     |    |     |    |     |    |       |         |     |   |                               |                        |     |    |    |    |     |    |  |
| MARZO       |                  |                 |                         |   |    |     |    |     |    |     |    |       |         |     |   |                               |                        |     |    |    |    |     |    |  |
| ABRIL       |                  |                 | 6                       | 1.2                                     | 36 | 2.3 | 16 | 2.3 | 8  | 3.3 | 3  | 0.0   | 0       | 2.0 | 1 | 2.0                           | 3                      | 3.0 | 7  | 27 | 90 | 4.0 | NE |  |
| MAYO        |                  |                 | 7                       | 1.3                                     | 29 | 2.6 | 22 | 2.1 | 9  | 2.0 | 1  | 0.0   | 0       | 4.0 | 1 | 2.0                           | 3                      | 3.0 | 9  | 27 | 93 | 4.0 | NE |  |
| JUNIO       |                  |                 |                         |   |    |     |    |     |    |     |    |       |         |     |   |                               |                        |     |    |    |    |     |    |  |
| JULIO       |                  |                 | 6                       | 1.3                                     | 37 | 3.4 | 15 | 2.5 | 4  | 0.0 | 0  | 0.0   | 0       | 0.0 | 0 | 2.7                           | 7                      | 3.4 | 8  | 30 | 93 | 4.0 | NW |  |
| AGOSTO      |                  |                 | 6                       | 1.2                                     | 33 | 3.3 | 15 | 2.4 | 10 | 2.0 | 2  | 0.0   | 0       | 0.0 | 0 | 2.0                           | 5                      | 3.8 | 10 | 25 | 93 | 6.0 | E  |  |
| SEPTIEMBRE  |                  |                 | 6                       | 1.3                                     | 34 | 2.7 | 21 | 2.0 | 2  | 2.0 | 1  | 0.0   | 0       | 0.0 | 0 | 2.3                           | 7                      | 3.2 | 11 | 23 | 90 | 4.0 | NE |  |
| OCTUBRE     |                  |                 |                         |   |    |     |    |     |    |     |    |       |         |     |   |                               |                        |     |    |    |    |     |    |  |
| NOVIEMBRE   |                  |                 | 6                       | 1.2                                     | 33 | 3.3 | 10 | 2.2 | 10 | 2.0 | 2  | 0.0   | 0       | 3.3 | 3 | 3.0                           | 9                      | 3.8 | 9  | 23 | 90 | 8.0 | W  |  |
| DICIEMBRE   |                  |                 | 6                       | 1.5                                     | 37 | 3.9 | 10 | 3.0 | 13 | 2.3 | 8  | 0.0   | 0       | 0.0 | 0 | 2.7                           | 10                     | 4.0 | 4  | 19 | 93 | 5.0 | NE |  |
| VALOR ANUAL |                  |                 | 6                       |   |    |     |    |     |    |     |    |       |         |     |   |                               |                        |     |    |    |    |     |    |  |



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| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |             |      |         | HUMEDAD RELATIVA (%) |     |        |     | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                    | Número<br>de días con<br>precipitación |     |    |
|-------------|-----------------------|---------------------------------------|------|-------------|------|---------|----------------------|-----|--------|-----|---------------------------|------------------------------|-------------------|---------|--------------------|--|-----|----|
|             |                       | ABSOLUTAS                             |      | M E D I A S |      |         | Máxima               | día | Mínima | día |                           |                              | Media             | Mensual | Máxima en<br>24hrs |  | día |    |
|             |                       | Máxima                                | día  | Mínima      | día  | Mensual |                      |     |        |     |                           |                              |                   |         |                    |  |     |    |
| ENERO       |                       | 23.5                                  | 13   | 30.8        | 24.3 | 27.9    |                      |     |        | 88  | 25.7                      | 33.2                         | 974.3             | 240.0   | 30                 | 24                                     |     |    |
| FEBRERO     |                       | 23.5                                  | 7    | 31.4        | 24.4 | 28.0    | 100                  | 21  | 75     | 25  | 89                        | 26.0                         | 33.7              | 642.6   | 85.5               | 17                                     | 24  |    |
| MARZO       |                       | 23.5                                  | 7    | 31.9        | 24.2 | 28.4    | 100                  | 8   | 73     | 13  | 88                        | 26.2                         | 34.2              | 540.5   | 88.4               | 5                                      | 26  |    |
| ABRIL       |                       | 24.0                                  | 3    | 32.0        | 24.4 | 28.4    |                      |     |        |     | 88                        | 26.3                         | 34.3              | 674.5   | 92.3               | 5                                      | 23  |    |
| MAYO        |                       | 23.0                                  | 27   | 31.7        | 24.5 | 28.2    |                      |     |        |     | 89                        | 26.2                         | 34.2              | 455.6   | 95.0               | 13                                     | 22  |    |
| JUNIO       |                       | 23.0                                  | 1    | 30.7        | 23.5 | 27.2    | 98                   | 1   | 72     | 12  | 89                        | 25.2                         | 32.2              | 243.7   | 128.5              | 3                                      | 19  |    |
| JULIO       | 33.5                  | 12                                    | 21.5 | 25          | 29.8 | 23.0    | 26.5                 | 95  | 1      | 78  | 21                        | 89                           | 24.4              | 30.8    | 210.8              | 130.4                                  | 5   | 11 |
| AGOSTO      | 30.5                  | 2                                     | 20.0 | 20          | 29.1 | 21.7    | 25.8                 | 96  | 10     | 80  | 11                        | 89                           | 23.9              | 29.8    | 19.8               | 11.0                                   | 11  | 5  |
| SEPTIEMBRE  |                       |                                       |      |             | 29.2 | 21.3    | 25.9                 | 95  | 7      | 77  | 8                         | 90                           | 24.1              | 30.4    | 3.1                | 1.3                                    | 29  | 4  |
| OCTUBRE     | 32.5                  | 29                                    | 19.5 | 20          | 29.8 | 21.0    | 26.0                 | 96  | 12     | 81  | 12                        | 90                           | 24.2              | 30.5    | 0.6                | 0.6                                    | 18  | 1  |
| NOVIEMBRE   | 34.5                  | 18                                    | 20.0 | 4           | 29.9 | 21.1    | 26.1                 | 95  | 4      | 37  | 17                        | 88                           | 24.0              | 30.5    | 33.3               | 30.2                                   | 21  | 5  |
| DICIEMBRE   |                       |                                       | 20.0 | 5           | 30.5 | 21.8    | 26.7                 | 97  | 31     | 78  | 22                        | 87                           | 24.5              | 31.1    | 28.0               | 13.8                                   | 25  | 9  |
| VALOR ANUAL |                       |                                       |      |             | 30.5 | 22.9    | 27.0                 |     |        |     |                           | 88                           | 25.0              | 32.0    | 3826.8             | 240.0                                  |     |    |

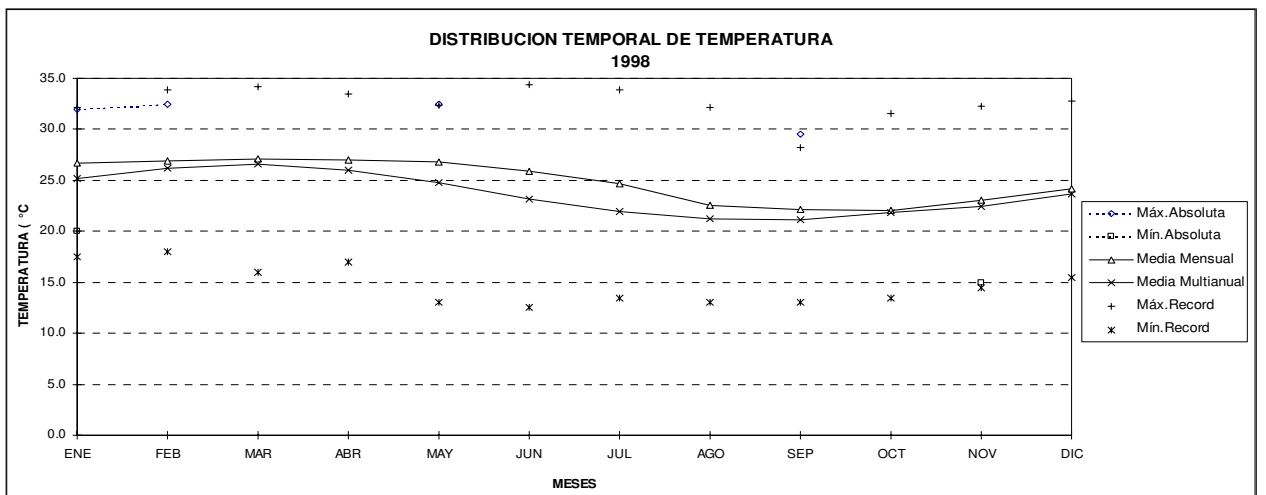
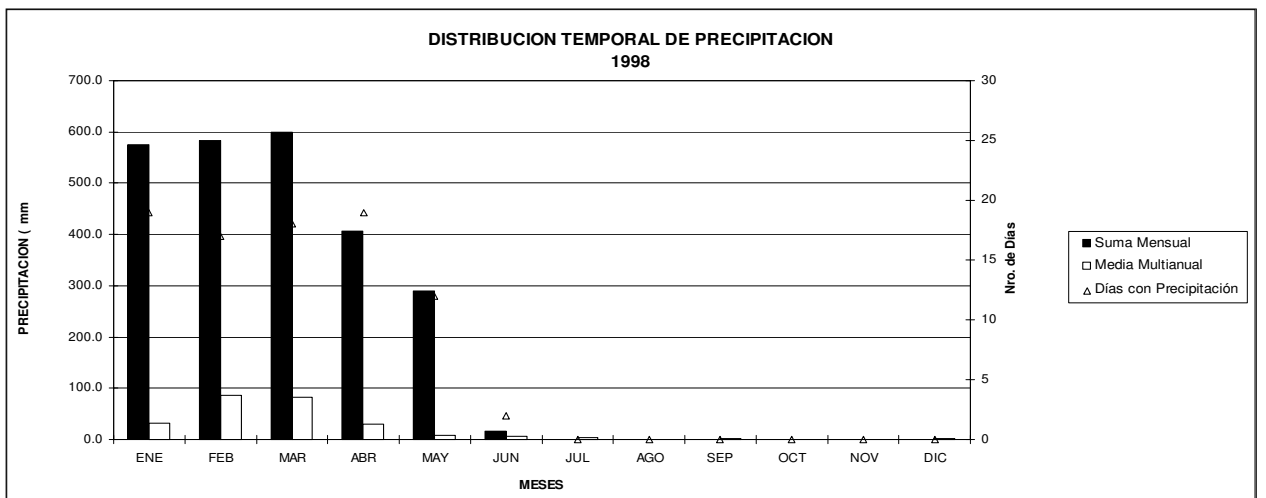
| MES         | EVAPORACION (mm) |                    |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |    |     |       |     |    |       |   |            |            |       |   | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |       |    |     |     |
|-------------|------------------|--------------------|-----|-------------------------------|---|-------|-----|---|-------|----|-----|-------|-----|----|-------|---|------------|------------|-------|---|---------------------------------|------------------------------|-------|----|-----|-----|
|             | Suma<br>Mensual  | Máxima en<br>24hrs | día |                               | N                                       | NE    |     | E | SE    |    | S   | SW    |     | W  | NW    |   | CALMA<br>% | Nro<br>OBS |       |   |                                 |                              |       |    |     |     |
|             |                  |                    |     |                               |   | (m/s) | %   |   | (m/s) | %  |     | (m/s) | %   |    | (m/s) | % |            |            | (m/s) | % |                                 |                              | (m/s) | %  |     |     |
| ENERO       | 35.6             | 3.1                | 27  | 7                             | 2.0                                     | 10    | 0.0 | 0 | 2.0   | 2  | 0.0 | 0     | 2.1 | 25 | 2.0   | 5 | 2.0        | 3          | 2.0   | 2 | 53                              | 93                           | 4.0   | S  | 0.9 |     |
| FEBRERO     | 27.7             | 5.4                | 18  | 7                             | 3.1                                     | 11    | 0.0 | 0 | 2.3   | 7  | 0.0 | 0     | 2.0 | 31 | 3.0   | 2 | 3.2        | 6          | 3.0   | 2 | 41                              | 84                           | 6.0   | N  | 1.2 |     |
| MARZO       | 41.1             | 6.1                | 18  | 7                             | 2.5                                     | 9     | 0.0 | 0 | 2.0   | 9  | 4.0 | 1     | 2.3 | 24 | 2.3   | 9 | 2.0        | 1          | 3.0   | 2 | 46                              | 93                           | 4.0   | N  | 1.1 |     |
| ABRIL       | 35.1             | 3.0                | 8   | 7                             |   |       |     |   |       |    |     |       |     |    |       |   |            |            |       |   |                                 |                              |       |    |     | 0.9 |
| MAYO        | 52.8             | 5.0                | 4   | 7                             | 3.2                                     | 5     | 0.0 | 0 | 2.0   | 5  | 2.0 | 3     | 2.0 | 20 | 2.0   | 4 | 2.0        | 1          | 2.0   | 1 | 59                              | 93                           | 4.0   | N  | 0.9 |     |
| JUNIO       | 43.5             | 3.2                | 13  | 7                             | 2.0                                     | 1     | 0.0 | 0 | 2.0   | 4  | 2.0 | 1     | 2.1 | 32 | 2.0   | 7 | 2.0        | 1          | 0.0   | 0 | 53                              | 90                           | 4.0   | S  | 1.0 |     |
| JULIO       | 62.0             | 3.3                | 26  | 8                             | 2.0                                     | 2     | 0.0 | 0 | 2.0   | 3  | 2.0 | 4     | 2.1 | 36 | 2.0   | 7 | 2.0        | 1          | 2.0   | 2 | 45                              | 93                           | 4.0   | S  | 0.9 |     |
| AGOSTO      | 75.9             | 3.1                | 20  | 8                             | 2.0                                     | 1     | 4.0 | 1 | 2.0   | 3  | 2.0 | 8     | 2.1 | 33 | 2.0   | 4 | 2.0        | 1          | 2.0   | 1 | 47                              | 93                           | 4.0   | S  | 0.9 |     |
| SEPTIEMBRE  | 84.6             | 3.5                | 7   | 8                             | 2.0                                     | 2     | 0.0 | 0 | 2.0   | 6  | 2.3 | 9     | 2.0 | 48 | 2.0   | 7 | 0.0        | 0          | 2.0   | 1 | 28                              | 90                           | 4.0   | SE | 1.4 |     |
| OCTUBRE     | 90.9             | 3.6                | 18  | 8                             | 0.0                                     | 0     | 0.0 | 0 | 2.4   | 10 | 2.2 | 11    | 2.3 | 62 | 2.0   | 5 | 3.2        | 5          | 0.0   | 0 | 7                               | 93                           | 4.0   | S  | 2.0 |     |
| NOVIEMBRE   | 84.2             | 3.6                | 7   | 8                             | 2.0                                     | 3     | 0.0 | 0 | 2.0   | 6  | 2.0 | 6     | 2.2 | 51 | 2.7   | 7 | 2.0        | 2          | 0.0   | 0 | 26                              | 90                           | 4.0   | S  | 1.6 |     |
| DICIEMBRE   | 82.8             | 3.7                | 3   | 7                             | 2.7                                     | 3     | 0.0 | 0 | 2.0   | 7  | 2.0 | 4     | 2.1 | 56 | 2.0   | 5 | 2.0        | 1          | 2.0   | 1 | 23                              | 93                           | 4.0   | S  | 1.5 |     |
| VALOR ANUAL | 716.2            | 6.1                |     | 7                             |   |       |     |   |       |    |     |       |     |    |       |   |            |            |       |   |                                 |                              |       |    |     | 1.1 |



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| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        |        | HUMEDAD RELATIVA (%) |     |        |     | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                    | Número<br>de días con<br>precipitación |     |         |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|--------|----------------------|-----|--------|-----|---------------------------|------------------------------|-------------------|---------|--------------------|--|-----|---------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        |        | Máxima               | día | Mínima | día |                           |                              | Media             | Mensual | Máxima en<br>24hrs |  | día |         |
|             |                       | Máxima                                | día | Mínima      | día | Máxima | Mínima |                      |     |        |     |                           |                              |                   |         |                    |  |     | Mensual |
| ENERO       |                       | 32.0                                  | 9   | 20.0        | 10  | 30.5   | 22.6   | 26.7                 |     |        |     | 87                        | 24.4                         | 30.6              | 575.7   | 122.0              | 18                                     | 19  |         |
| FEBRERO     |                       | 32.5                                  | 20  |             |     | 30.5   | 22.8   | 26.9                 |     |        |     | 88                        | 24.8                         | 31.4              | 582.8   | 124.2              | 13                                     | 17  |         |
| MARZO       |                       |                                       |     |             |     | 31.2   | 23.3   | 27.1                 | 98  | 1      | 75  | 24                        | 89                           | 25.1              | 31.9    | 600.4              | 180.2                                  | 5   | 18      |
| ABRIL       |                       |                                       |     |             |     | 31.2   | 23.4   | 27.0                 |     |        |     | 89                        | 25.1                         | 31.9              | 406.6   | 70.2               | 25                                     | 19  |         |
| MAYO        |                       | 32.5                                  | 1   |             |     | 30.9   | 23.6   | 26.8                 |     |        |     | 89                        | 24.8                         | 31.4              | 289.8   | 45.2               | 16                                     | 12  |         |
| JUNIO       |                       |                                       |     |             |     | 29.3   | 20.7   | 25.9                 | 97  | 1      | 65  | 23                        | 82                           | 22.6              | 27.4    | 17.0               | 9.8                                    | 1   | 2       |
| JULIO       |                       |                                       |     |             |     | 28.3   | 21.8   | 24.7                 | 97  | 22     | 65  | 21                        | 85                           | 21.8              | 26.2    | 0.0                | 0.0                                    | 1   | 0       |
| AGOSTO      |                       |                                       |     |             |     | 26.1   | 17.5   | 22.6                 | 95  | 5      | 43  | 16                        | 82                           | 19.2              | 22.6    | 0.0                | 0.0                                    | 1   | 0       |
| SEPTIEMBRE  |                       | 29.5                                  | 29  |             |     | 27.5   | 17.2   | 22.2                 | 96  | 21     | 62  | 27                        | 87                           | 19.9              | 23.3    | 0.0                | 0.0                                    | 1   | 0       |
| OCTUBRE     |                       |                                       |     |             |     | 26.2   | 16.6   | 22.1                 | 96  | 1      | 56  | 15                        | 83                           | 19.0              | 22.1    | 0.0                | 0.0                                    | 1   | 0       |
| NOVIEMBRE   |                       |                                       |     | 15.0        | 10  | 27.2   | 17.1   | 23.1                 | 95  | 12     | 35  | 14                        | 79                           | 19.1              | 22.2    | 0.0                | 0.0                                    | 1   | 0       |
| DICIEMBRE   |                       |                                       |     |             |     | 28.6   | 18.6   | 24.2                 |     |        |     | 79                        | 20.3                         | 23.8              | 0.0     | 0.0                | 1                                      | 0   |         |
| VALOR ANUAL |                       |                                       |     |             |     | 28.9   | 20.4   | 24.9                 |     |        |     | 84                        | 22.1                         | 27.0              | 2472.3  | 180.2              |  |     |         |

| MES         | EVAPORACION (mm) |                    | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |     |    |     |    |     |    |       |            |       |    | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |       |    |       |    |       |    |       |
|-------------|------------------|--------------------|-------------------------------|---|----|-----|----|-----|----|-----|----|-------|------------|-------|----|---------------------------------|------------------------------|-------|----|-------|----|-------|----|-------|
|             | Suma             | Máxima en<br>24hrs |                               | N                                       | NE | E   | SE | S   | SW | W   | NW | CALMA | Nro<br>OBS |       |    |                                 |                              |       |    |       |    |       |    |       |
|             | Mensual          | día                |                               |   |    |     |    |     |    |     |    |       |            | (m/s) | %  |                                 |                              | (m/s) | %  | (m/s) | %  | (m/s) | %  | (m/s) |
| ENERO       |                  |                    | 3                             | 0.0                                     | 0  | 4.0 | 1  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 2.5   | 61 | 0.0                             | 0                            | 3.6   | 38 | 0     | 93 | 14.0  | NW |       |
| FEBRERO     |                  |                    | 2                             | 0.0                                     | 0  | 0.0 | 0  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 2.7   | 61 | 0.0                             | 0                            | 3.7   | 39 | 0     | 84 | 10.0  | NW |       |
| MARZO       |                  |                    | 2                             | 0.0                                     | 0  | 0.0 | 0  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 3.0   | 43 | 0.0                             | 0                            | 2.8   | 57 | 0     | 93 | 6.0   | NW |       |
| ABRIL       |                  |                    | 2                             | 0.0                                     | 0  | 0.0 | 0  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 3.1   | 34 | 0.0                             | 0                            | 2.8   | 66 | 0     | 90 | 6.0   | NW |       |
| MAYO        |                  |                    | 1                             | 0.0                                     | 0  | 0.0 | 0  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 3.4   | 76 | 0.0                             | 0                            | 2.7   | 24 | 0     | 93 | 10.0  | SW |       |
| JUNIO       |                  |                    | 2                             | 0.0                                     | 0  | 0.0 | 0  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 4.4   | 82 | 0.0                             | 0                            | 3.5   | 18 | 0     | 90 | 14.0  | SW |       |
| JULIO       |                  |                    | 3                             | 0.0                                     | 0  | 0.0 | 0  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 3.7   | 58 | 0.0                             | 0                            | 3.9   | 42 | 0     | 93 | 10.0  | SW |       |
| AGOSTO      |                  |                    | 3                             | 0.0                                     | 0  | 0.0 | 0  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 3.6   | 65 | 0.0                             | 0                            | 4.5   | 36 | 0     | 93 | 8.0   | SW |       |
| SEPTIEMBRE  |                  |                    | 3                             | 0.0                                     | 0  | 0.0 | 0  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 3.7   | 66 | 0.0                             | 0                            | 4.4   | 34 | 0     | 90 | 8.0   | SW |       |
| OCTUBRE     |                  |                    | 3                             | 0.0                                     | 0  | 0.0 | 0  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 4.7   | 77 | 0.0                             | 0                            | 4.5   | 23 | 0     | 93 | 10.0  | SW |       |
| NOVIEMBRE   |                  |                    | 2                             | 0.0                                     | 0  | 0.0 | 0  | 0.0 | 0  | 0.0 | 0  | 0.0   | 0          | 4.9   | 76 | 0.0                             | 0                            | 5.0   | 23 | 1     | 90 | 8.0   | SW |       |
| DICIEMBRE   |                  |                    |                               |   |    |     |    |     |    |     |    |       |            |       |    |                                 |                              |       |    |       |    |       |    |       |
| VALOR ANUAL |                  |                    | 2                             |   |    |     |    |     |    |     |    |       |            |       |    |                                 |                              |       |    |       |    |       |    |       |

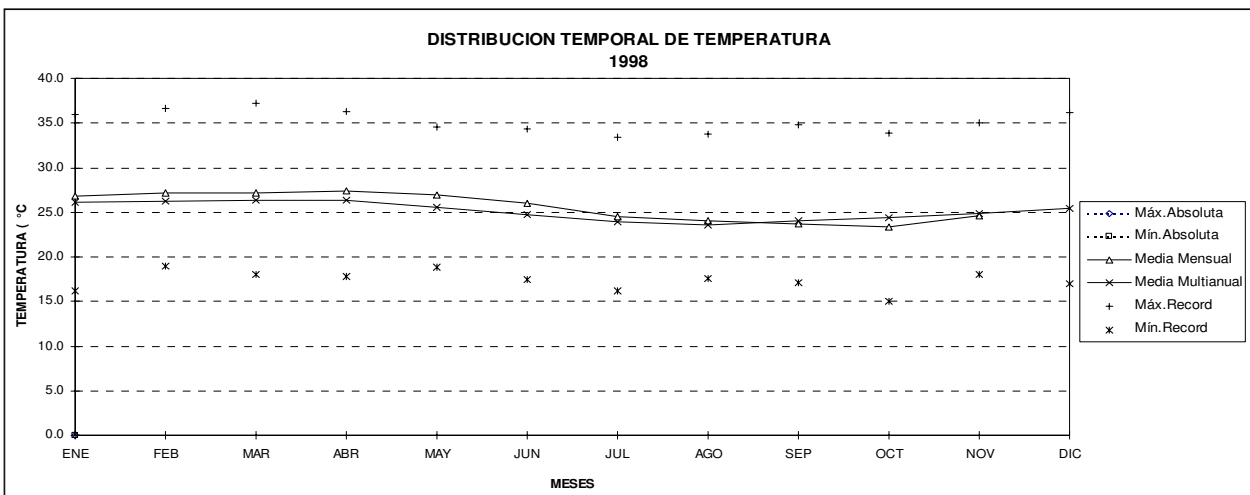
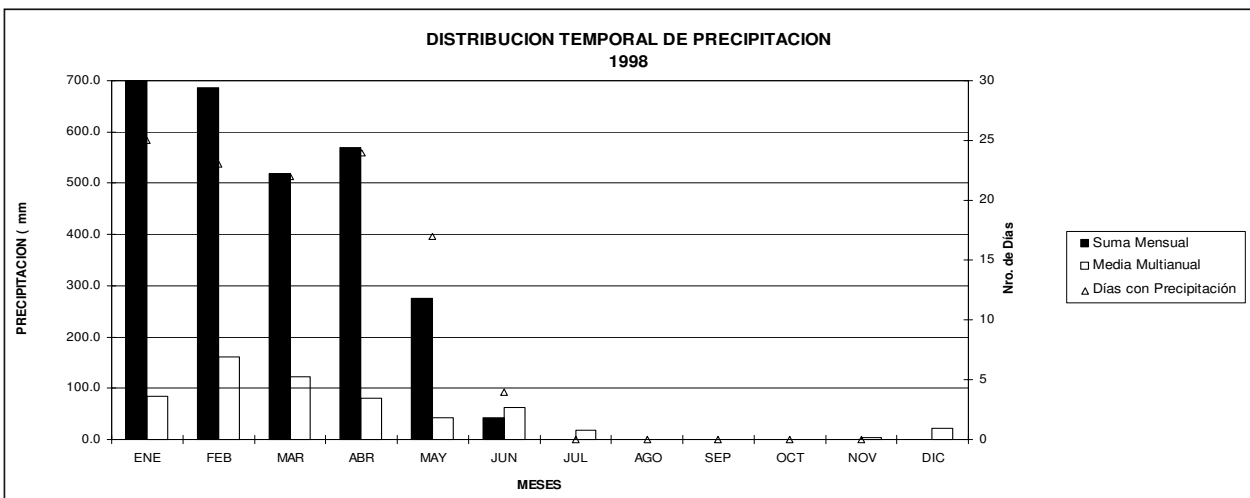




M175 EL PROGRESO-GUAYAS INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |
| ENERO       | 90.3                  |                                       |        | 30.7        | 23.5   | 26.8    | 100                  | 13  | 69     | 17  | 91    | 25.2                   | 32.0                      | 699.7             | 142.0           | 12  | 25                               |
| FEBRERO     | 109.4                 |                                       |        | 31.3        | 23.9   | 27.2    | 99                   | 24  | 67     | 28  | 90    | 25.3                   | 32.3                      | 686.2             | 102.7           | 14  | 23                               |
| MARZO       | 68.5                  |                                       |        | 31.1        | 23.5   | 27.2    | 98                   | 2   | 53     | 28  | 89    | 25.1                   | 32.0                      | 518.2             | 155.0           | 30  | 22                               |
| ABRIL       | 108.5                 |                                       |        | 31.8        | 23.7   | 27.4    |                      |     |        |     | 90    | 25.6                   | 32.7                      | 570.2             | 67.5            | 14  | 24                               |
| MAYO        | 105.3                 |                                       |        | 30.8        | 22.4   | 26.9    |                      |     |        |     | 91    | 25.2                   | 32.0                      | 275.0             | 54.0            | 11  | 17                               |
| JUNIO       | 103.3                 |                                       |        | 30.6        |        | 26.0    |                      |     |        |     | 88    | 23.8                   | 29.6                      | 42.5              | 25.5            | 2   | 4                                |
| JULIO       | 93.9                  |                                       |        | 29.2        |        | 24.5    |                      |     |        |     | 91    | 22.9                   | 28.0                      | 0.0               | 0.0             | 1   | 0                                |
| AGOSTO      | 101.4                 |                                       |        | 29.0        |        | 24.0    |                      |     |        |     | 89    | 21.9                   | 26.5                      | 0.0               | 0.0             | 1   | 0                                |
| SEPTIEMBRE  | 68.1                  |                                       |        | 29.2        | 20.2   | 23.7    |                      |     |        |     | 90    | 21.8                   | 26.4                      | 0.0               | 0.0             | 1   | 0                                |
| OCTUBRE     | 102.9                 |                                       |        | 29.1        |        | 23.3    |                      |     |        |     | 86    | 20.7                   | 24.6                      | 0.0               | 0.0             | 1   | 0                                |
| NOVIEMBRE   | 120.7                 |                                       |        | 29.9        |        | 24.6    |                      |     |        |     | 85    | 21.7                   | 26.3                      | 0.0               | 0.0             | 1   | 0                                |
| DICIEMBRE   |                       |                                       |        |             |        |         |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |
| VALOR ANUAL |                       |                                       |        |             |        |         |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |

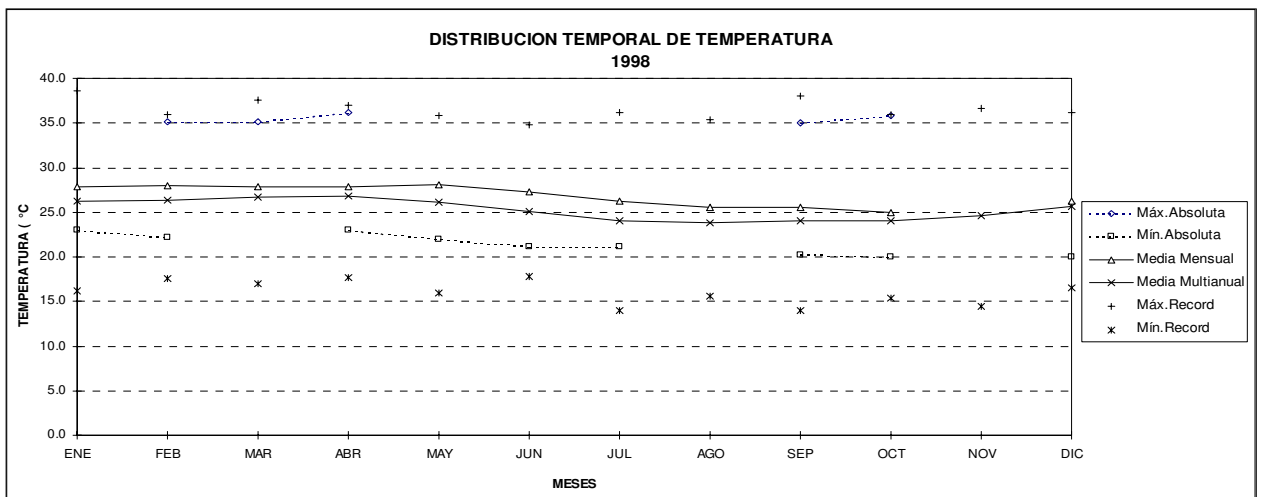
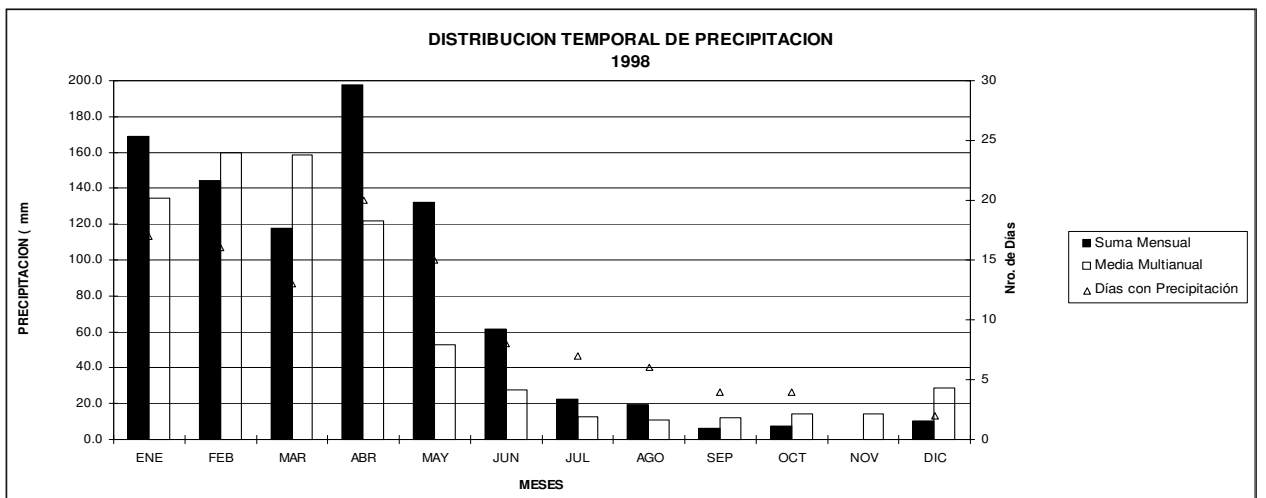
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |       |   |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---------|----------------------------------|---------------------------|---------|-------|---|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA % |                                  |                           | Nro OBS |       |   |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   |         |                                  |                           |         | (m/s) | % |
| ENERO       | 71.6             | 5.0             | 26  | 6                             | 2.4                                     | 10    | 2.3 | 7     | 2.7 | 3     | 2.4 | 5     | 2.0 | 7     | 4.0 | 1     | 2.4 | 52    | 2.0 | 7       | 10                               | 93                        | 4.0     | W     |   |
| FEBRERO     | 69.1             | 6.0             | 15  | 6                             | 2.7                                     | 11    | 2.0 | 2     | 2.3 | 7     | 2.3 | 8     | 2.0 | 7     | 2.4 | 11    | 2.5 | 29    | 2.0 | 8       | 17                               | 84                        | 6.0     | W     |   |
| MARZO       | 89.9             | 6.0             | 26  | 5                             | 2.3                                     | 17    | 2.0 | 3     | 4.0 | 1     | 2.0 | 3     | 2.0 | 7     | 2.2 | 10    | 2.3 | 23    | 2.4 | 22      | 15                               | 93                        | 4.0     | W     |   |
| ABRIL       | 79.2             | 5.0             | 3   | 6                             | 2.4                                     | 6     | 2.0 | 4     | 2.0 | 1     | 2.0 | 7     | 2.9 | 14    | 2.3 | 17    | 2.3 | 20    | 2.5 | 21      | 10                               | 90                        | 4.0     | SW    |   |
| MAYO        | 96.5             | 5.0             | 24  | 5                             | 2.5                                     | 4     | 2.0 | 3     | 2.3 | 9     | 2.7 | 3     | 2.5 | 9     | 2.3 | 9     | 2.4 | 26    | 3.2 | 18      | 19                               | 93                        | 6.0     | NW    |   |
| JUNIO       | 105.3            | 5.5             | 7   |                               | 3.2                                     | 6     | 2.0 | 3     | 2.8 | 6     | 2.0 | 3     | 2.0 | 2     | 2.2 | 16    | 2.4 | 19    | 2.0 | 8       | 38                               | 90                        | 6.0     | N     |   |
| JULIO       | 99.5             |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |
| AGOSTO      | 112.0            |                 |     | 5                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |
| SEPTIEMBRE  | 91.0             |                 |     | 5                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |
| OCTUBRE     | 121.5            |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |
| NOVIEMBRE   | 135.7            |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |
| DICIEMBRE   |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |
| VALOR ANUAL |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |



M176 **NARANJAL** INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |             |      |        | HUMEDAD RELATIVA (%) |      |        |     | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                    | Número<br>de días con<br>precipitación |      |        |         |  |
|-------------|-----------------------|---------------------------------------|------|-------------|------|--------|----------------------|------|--------|-----|---------------------------|------------------------------|-------------------|---------|--------------------|--|------|--------|---------|--|
|             |                       | ABSOLUTAS                             |      | M E D I A S |      |        | Máxima               | día  | Mínima | día |                           |                              | Media             | Mensual | Máxima en<br>24hrs |  | día  |        |         |  |
|             |                       | Máxima                                | día  | Mínima      | día  | Máxima |                      |      |        |     |                           |                              |                   |         |                    |  |      | Mínima | Mensual |  |
| ENERO       |                       |                                       | 23.0 | 1           | 33.0 | 23.8   | 27.9                 |      |        | 91  | 26.3                      | 34.4                         | 169.2             | 18.6    | 5                  | 17                                     |      |        |         |  |
| FEBRERO     |                       | 35.2                                  | 25   | 22.2        | 9    | 33.4   | 23.8                 | 28.0 |        |     | 93                        | 26.8                         | 35.5              | 144.0   | 17.0               | 6                                      | 16   |        |         |  |
| MARZO       |                       | 35.2                                  | 8    |             |      | 33.8   | 23.6                 | 27.9 | 100    | 9   | 70                        | 12                           | 94                | 26.8    | 35.5               | 117.7                                  | 18.8 | 16     | 13      |  |
| ABRIL       |                       | 36.2                                  | 27   | 23.0        | 3    | 34.1   | 23.9                 | 27.9 |        |     | 94                        | 26.8                         | 35.5              | 197.8   | 20.0               | 27                                     | 20   |        |         |  |
| MAYO        |                       |                                       | 22.0 | 31          | 33.6 | 23.9   | 28.1                 |      | 100    | 10  | 72                        | 16                           | 94                | 26.9    | 35.7               | 131.9                                  | 19.9 | 10     | 15      |  |
| JUNIO       |                       |                                       | 21.2 | 3           | 32.7 | 23.3   | 27.3                 |      |        |     | 95                        | 26.3                         | 34.4              | 61.6    | 10.0               | 1                                      | 8    |        |         |  |
| JULIO       |                       |                                       | 21.2 | 25          | 31.5 | 22.7   | 26.3                 | 98   | 1      | 79  | 30                        | 94                           | 25.2              | 32.3    | 22.4               | 4.6                                    | 9    | 7      |         |  |
| AGOSTO      |                       |                                       |      |             | 30.7 | 22.7   | 25.5                 |      |        |     | 95                        | 24.7                         | 31.3              | 19.7    | 6.4                | 31                                     | 6    |        |         |  |
| SEPTIEMBRE  |                       | 35.0                                  | 7    | 20.2        | 12   | 31.1   | 21.6                 | 25.6 | 98     | 2   | 75                        | 7                            | 94                | 24.4    | 30.9               | 6.6                                    | 2.2  | 29     | 4       |  |
| OCTUBRE     |                       | 35.8                                  | 13   | 20.0        | 20   | 30.5   | 21.1                 | 25.0 |        |     |                           | 94                           | 24.0              | 30.1    | 7.2                | 2.6                                    | 12   | 4      |         |  |
| NOVIEMBRE   |                       |                                       |      |             |      |        |                      |      |        |     |                           |                              |                   |         |                    |  |      |        |         |  |
| DICIEMBRE   |                       |                                       | 20.0 | 5           | 32.0 | 21.8   | 26.3                 | 98   | 1      | 56  | 23                        | 93                           | 25.0              | 31.9    | 10.6               | 6.4                                    | 28   | 2      |         |  |
| VALOR ANUAL |                       |                                       |      |             |      |        |                      |      |        |     |                           |                              |                   |         |                    |  |      |        |         |  |

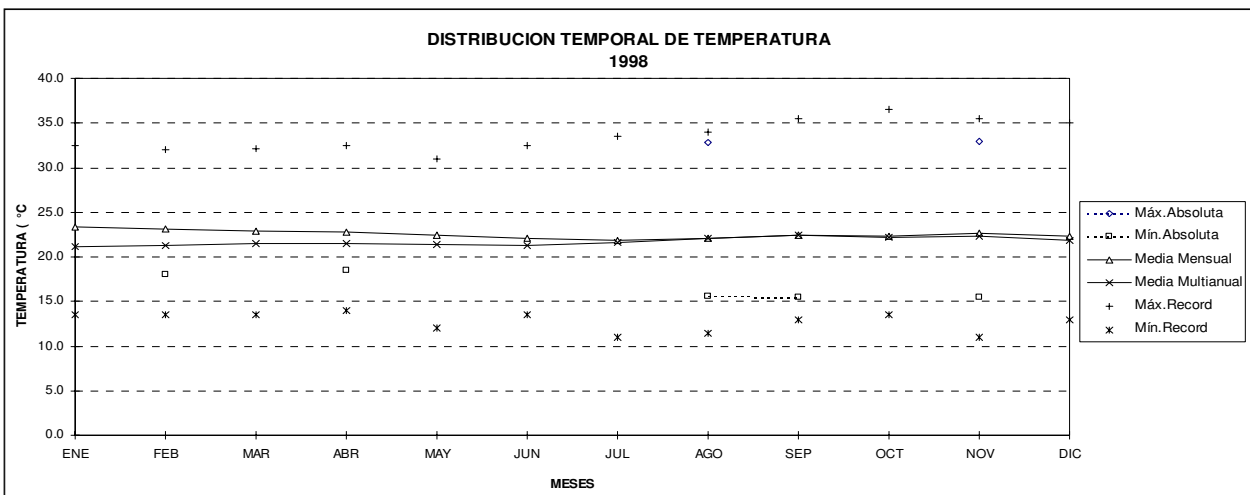
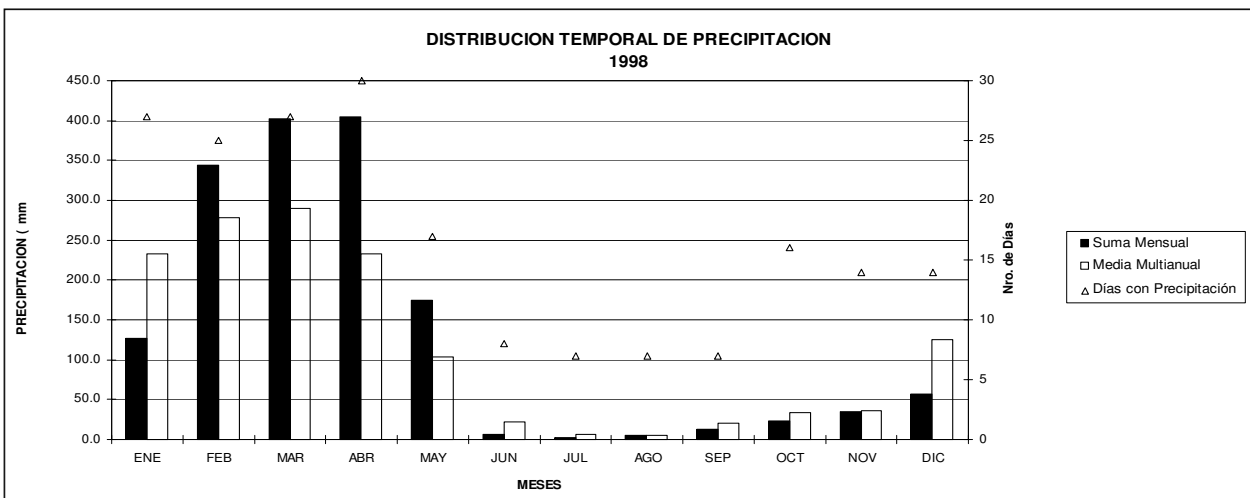
| MES         | EVAPORACION (mm) |                    |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |            | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |            |       |   |
|-------------|------------------|--------------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|------------|---------------------------------|------------------------------|------------|-------|---|
|             | Suma<br>Mensual  | Máxima en<br>24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA<br>% |                                 |                              | Nro<br>OBS |       |   |
|             |                  |                    |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   |            |                                 |                              |            | (m/s) | % |
| ENERO       |                  |                    |     | 5                             | 0.0                                     | 0     | 2.0 | 1     | 2.3 | 8     | 3.3 | 3     | 2.0 | 1     | 3.1 | 26    | 2.9 | 14    | 2.5 | 25         | 23                              | 93                           | 6.0        | NW    |   |
| FEBRERO     |                  |                    |     | 5                             | 0.0                                     | 0     | 0.0 | 0     | 2.3 | 8     | 0.0 | 0     | 0.0 | 0     | 2.8 | 29    | 2.7 | 16    | 2.6 | 24         | 24                              | 84                           | 4.0        | SW    |   |
| MARZO       |                  |                    |     | 5                             | 0.0                                     | 0     | 3.0 | 2     | 3.0 | 11    | 2.0 | 2     | 0.0 | 0     | 2.9 | 26    | 2.0 | 1     | 2.5 | 24         | 33                              | 90                           | 4.0        | NW    |   |
| MAYO        |                  |                    |     | 5                             | 0.0                                     | 0     | 2.0 | 1     | 2.5 | 12    | 4.0 | 5     | 0.0 | 0     | 2.9 | 19    | 3.3 | 7     | 3.1 | 26         | 30                              | 93                           | 6.0        | NW    |   |
| JUNIO       |                  |                    |     | 5                             | 0.0                                     | 0     | 2.0 | 1     | 2.9 | 19    | 4.0 | 3     | 0.0 | 0     | 2.8 | 17    | 2.0 | 1     | 2.7 | 28         | 31                              | 90                           | 4.0        | SW    |   |
| JULIO       |                  |                    |     | 6                             | 0.0                                     | 0     | 0.0 | 0     | 2.8 | 24    | 4.0 | 1     | 0.0 | 0     | 2.6 | 23    | 3.0 | 4     | 2.5 | 25         | 24                              | 93                           | 4.0        | SW    |   |
| AGOSTO      |                  |                    |     | 5                             | 0.0                                     | 0     | 3.0 | 2     | 2.9 | 27    | 4.0 | 1     | 0.0 | 0     | 2.7 | 16    | 2.7 | 3     | 2.6 | 27         | 24                              | 90                           | 6.0        | E     |   |
| SEPTIEMBRE  |                  |                    |     | 5                             | 0.0                                     | 0     | 0.0 | 0     | 3.1 | 20    | 2.0 | 1     | 0.0 | 0     | 3.3 | 30    | 3.3 | 3     | 2.7 | 25         | 20                              | 93                           | 6.0        | W     |   |
| OCTUBRE     |                  |                    |     | 5                             | 0.0                                     | 0     | 0.0 | 0     | 3.1 | 20    | 2.0 | 1     | 0.0 | 0     | 3.3 | 30    | 3.3 | 3     | 2.7 | 25         | 20                              | 93                           | 6.0        | W     |   |
| NOVIEMBRE   |                  |                    |     | 5                             | 0.0                                     | 0     | 0.0 | 0     | 2.7 | 20    | 4.0 | 1     | 2.0 | 1     | 2.8 | 22    | 2.7 | 3     | 3.0 | 26         | 27                              | 93                           | 6.0        | E     |   |
| DICIEMBRE   |                  |                    |     | 5                             | 0.0                                     | 0     | 0.0 | 0     | 2.7 | 20    | 4.0 | 1     | 2.0 | 1     | 2.8 | 22    | 2.7 | 3     | 3.0 | 26         | 27                              | 93                           | 6.0        | E     |   |
| VALOR ANUAL |                  |                    |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |            |                                 |                              |            |       |   |



M180 ZARUMA INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |             |      |         | HUMEDAD RELATIVA (%) |      |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |    |    |
|-------------|-----------------------|---------------------------------------|------|-------------|------|---------|----------------------|------|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|----|----|
|             |                       | ABSOLUTAS                             |      | M E D I A S |      |         | Máxima               | día  | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día  |                                  |    |    |
|             |                       | Máxima                                | día  | Mínima      | día  | Mensual |                      |      |        |     |       |                        |                           |                   |                 |      |                                  |    |    |
| ENERO       |                       |                                       |      | 29.1        | 19.6 | 23.3    | 98                   | 1    | 60     | 3   | 89    | 21.3                   | 25.4                      | 126.8             | 28.0            | 6    | 27                               |    |    |
| FEBRERO     |                       |                                       | 18.0 | 10          | 28.9 | 19.7    | 23.1                 |      |        |     |       | 90                     | 21.4                      | 25.5              | 343.5           | 51.0 | 26                               | 25 |    |
| MARZO       |                       |                                       |      |             | 29.0 | 19.3    | 22.9                 | 98   | 1      | 72  | 8     | 92                     | 21.5                      | 25.8              | 402.3           | 43.1 | 30                               | 27 |    |
| ABRIL       |                       |                                       | 18.5 | 16          | 28.4 | 19.4    | 22.8                 | 98   | 1      | 70  | 4     | 94                     | 21.7                      | 26.3              | 404.8           | 55.5 | 5                                | 30 |    |
| MAYO        |                       |                                       |      |             | 28.1 | 18.8    | 22.4                 | 98   | 1      | 62  | 23    | 91                     | 20.7                      | 24.5              | 175.0           | 35.8 | 26                               | 17 |    |
| JUNIO       |                       |                                       |      |             | 28.1 | 18.2    | 22.1                 |      |        |     |       | 89                     | 20.1                      | 23.7              | 6.9             | 2.7  | 2                                | 8  |    |
| JULIO       |                       |                                       |      |             | 28.6 | 17.5    | 21.8                 | 98   | 1      | 56  | 1     | 86                     | 19.2                      | 22.3              | 2.0             | 0.7  | 6                                | 7  |    |
| AGOSTO      |                       | 32.8                                  | 31   | 15.6        | 15   | 29.5    | 17.3                 | 22.1 |        |     |       | 88                     | 19.7                      | 23.3              | 5.7             | 1.8  | 19                               | 7  |    |
| SEPTIEMBRE  |                       |                                       |      | 15.5        | 2    | 30.3    | 17.5                 | 22.4 | 98     | 2   | 47    | 14                     | 87                        | 19.9              | 23.4            | 12.3 | 7.4                              | 10 | 7  |
| OCTUBRE     |                       |                                       |      |             |      | 31.0    | 17.2                 | 22.3 | 98     | 1   | 51    | 20                     | 89                        | 20.1              | 23.9            | 23.2 | 11.3                             | 24 | 16 |
| NOVIEMBRE   |                       | 33.0                                  | 6    | 15.5        | 29   | 30.8    | 17.6                 | 22.7 | 98     | 1   | 43    | 7                      | 87                        | 20.2              | 24.0            | 35.3 | 8.4                              | 20 | 14 |
| DICIEMBRE   |                       |                                       |      |             |      | 30.0    | 17.1                 | 22.3 |        |     |       | 92                     | 20.9                      | 25.5              | 57.0            | 17.7 | 31                               | 14 |    |
| VALOR ANUAL |                       |                                       |      | 29.3        | 18.2 | 22.5    |                      |      |        |     |       | 89                     | 20.5                      | 24.4              | 1594.8          | 55.5 |                                  |    |    |

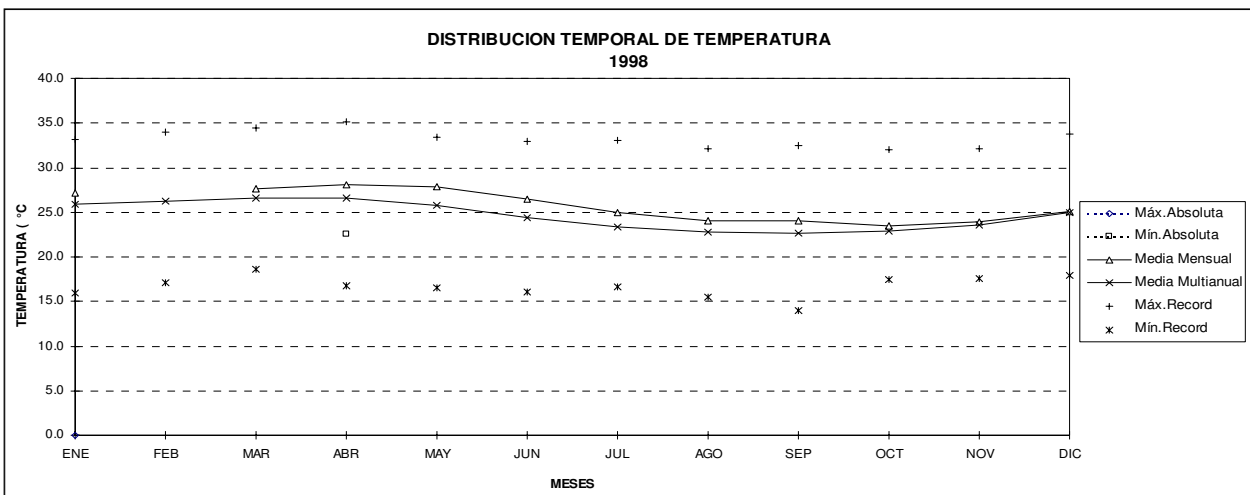
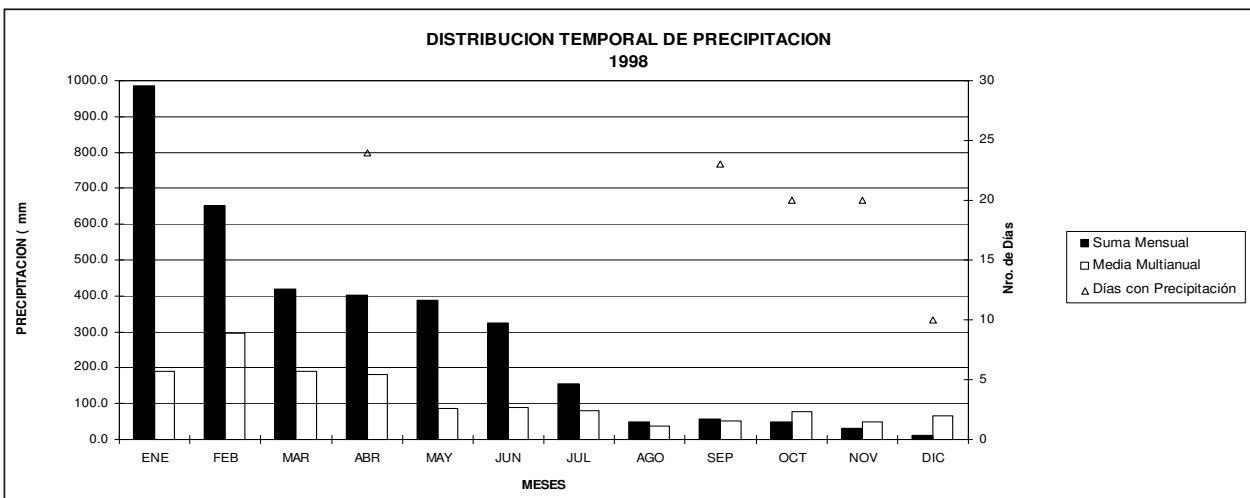
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |         |         |     |       |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|------------------------------|---------------------------|---------|---------|-----|-------|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |                              |                           | CALMA % | Nro OBS |     |       |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                              |                           |         |         | %   | (m/s) |
| ENERO       |                  |                 |     | 7                             | 2.0                                     | 1     | 2.1 | 20    | 2.1 | 63    | 2.5 | 5     | 2.0 | 1     | 2.0 | 1     | 2.0 | 6     | 2.0                          | 2                         | 0       | 84      | 6.0 | E     |
| FEBRERO     |                  |                 |     | 7                             | 2.0                                     | 1     | 2.0 | 10    | 2.0 | 68    | 2.0 | 8     | 2.0 | 1     | 0.0 | 0     | 2.0 | 11    | 3.0                          | 2                         | 0       | 93      | 4.0 | NW    |
| MARZO       |                  |                 |     | 7                             | 0.0                                     | 0     | 2.5 | 9     | 2.0 | 80    | 2.0 | 6     | 4.0 | 1     | 0.0 | 0     | 3.0 | 2     | 2.0                          | 1                         | 1       | 90      | 6.0 | NE    |
| ABRIL       |                  |                 |     | 6                             | 2.0                                     | 1     | 2.0 | 15    | 2.0 | 73    | 2.0 | 3     | 0.0 | 0     | 0.0 | 0     | 2.0 | 4     | 2.0                          | 2                         | 1       | 93      | 2.0 | E     |
| MAYO        |                  |                 |     | 6                             | 0.0                                     | 0     | 2.0 | 9     | 2.0 | 79    | 2.0 | 7     | 0.0 | 0     | 0.0 | 0     | 2.0 | 6     | 0.0                          | 0                         | 0       | 90      | 3.0 | E     |
| JUNIO       |                  |                 |     | 6                             | 2.0                                     | 1     | 2.0 | 14    | 2.0 | 74    | 2.5 | 4     | 0.0 | 0     | 0.0 | 0     | 2.4 | 5     | 0.0                          | 0                         | 1       | 93      | 4.0 | W     |
| JULIO       |                  |                 |     | 6                             | 0.0                                     | 0     | 2.0 | 11    | 2.0 | 79    | 2.0 | 8     | 0.0 | 0     | 0.0 | 0     | 2.0 | 2     | 0.0                          | 0                         | 0       | 90      | 2.0 | E     |
| AGOSTO      |                  |                 |     | 6                             | 2.0                                     | 1     | 2.0 | 3     | 2.0 | 72    | 2.5 | 13    | 2.0 | 2     | 0.0 | 0     | 4.0 | 3     | 2.0                          | 1                         | 4       | 93      | 6.0 | W     |
| SEPTIEMBRE  |                  |                 |     | 6                             | 0.0                                     | 0     | 2.0 | 2     | 2.1 | 79    | 2.4 | 12    | 6.0 | 1     | 2.0 | 1     | 2.0 | 4     | 0.0                          | 0                         | 0       | 90      | 7.0 | E     |
| OCTUBRE     |                  |                 |     | 6                             | 2.0                                     | 1     | 2.3 | 8     | 2.0 | 77    | 2.0 | 13    | 4.0 | 1     | 0.0 | 0     | 0.0 | 0     | 0.0                          | 0                         | 0       | 93      | 4.0 | NE    |
| NOVIEMBRE   |                  |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |     |       |
| DICIEMBRE   |                  |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |     |       |
| VALOR ANUAL |                  |                 |     | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                              |                           |         |         |     |       |



**M184 PAGUA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        | HUMEDAD RELATIVA (%) |            |       |            | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |       |              | Número de días con precipitación |                 |     |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|----------------------|------------|-------|------------|------------------------|---------------------------|-------------------|-------|--------------|----------------------------------|-----------------|-----|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        | Máxima día           | Mínima día | Media | Máxima día |                        |                           | Mínima día        | Media | Suma Mensual |                                  | Máxima en 24hrs | día |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima |                      |            |       |            |                        |                           |                   |       |              |                                  |                 |     |
| ENERO       |                       |                                       |            | 24.2        | 27.2   |                      |            |       |            |                        |                           | 985.8             |       |              |                                  |                 |     |
| FEBRERO     |                       |                                       |            | 24.1        |        |                      |            |       |            |                        |                           | 653.3             |       |              |                                  |                 |     |
| MARZO       |                       |                                       |            | 23.3        | 27.6   |                      |            |       |            |                        |                           | 420.8             |       |              |                                  |                 |     |
| ABRIL       |                       |                                       | 22.6       | 30          | 23.6   | 28.1                 |            |       |            |                        |                           | 401.1             | 59.8  | 3            | 24                               |                 |     |
| MAYO        |                       |                                       |            | 23.3        | 27.9   |                      |            |       |            |                        |                           | 388.6             |       |              |                                  |                 |     |
| JUNIO       |                       |                                       |            | 22.7        | 26.5   |                      |            |       |            |                        |                           | 323.6             |       |              |                                  |                 |     |
| JULIO       |                       |                                       |            | 21.9        | 25.0   |                      |            | 91    | 23.3       | 28.6                   |                           | 156.1             |       |              |                                  |                 |     |
| AGOSTO      |                       |                                       |            | 21.1        | 24.1   |                      |            | 91    | 22.5       | 27.3                   |                           | 47.5              |       |              |                                  |                 |     |
| SEPTIEMBRE  |                       |                                       |            | 21.3        | 24.0   |                      |            | 91    | 22.3       | 26.9                   |                           | 58.7              | 8.5   | 21           | 23                               |                 |     |
| OCTUBRE     |                       |                                       |            | 20.4        | 23.5   |                      |            | 90    | 21.7       | 26.0                   |                           | 49.3              | 7.7   | 6            | 20                               |                 |     |
| NOVIEMBRE   |                       |                                       |            | 20.2        | 23.9   |                      |            | 90    | 22.1       | 26.6                   |                           | 32.0              | 7.5   | 3            | 20                               |                 |     |
| DICIEMBRE   |                       |                                       |            | 20.8        | 25.1   |                      |            | 88    | 22.8       | 27.8                   |                           | 11.9              | 4.4   | 26           | 10                               |                 |     |
| VALOR ANUAL |                       |                                       |            | 22.2        |        |                      |            |       |            |                        |                           | 3528.7            |       |              |                                  |                 |     |

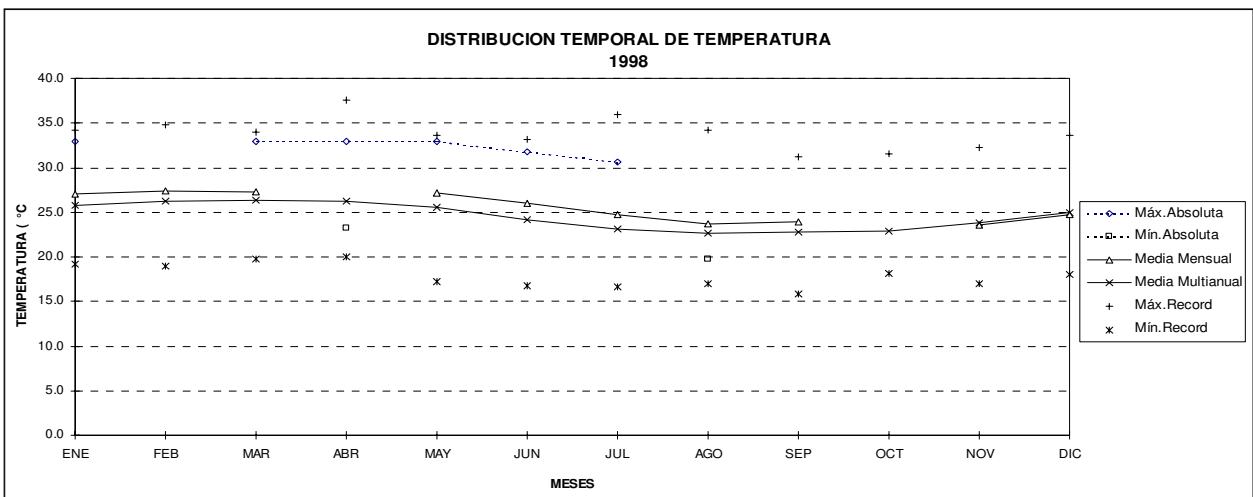
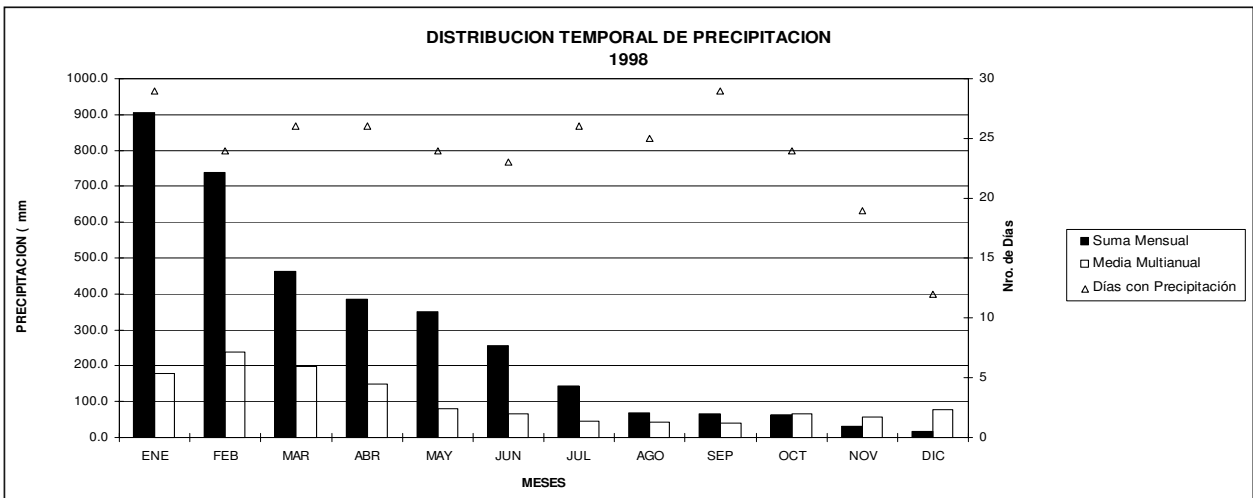
| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |   |    |   |    |   |    |       |         |       |   | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |
|-------------|------------------|-----------------|---------------|-------------------------------|---|----|---|----|---|----|---|----|-------|---------|-------|---|----------------------------------|---------------------------|
|             | Suma Mensual     | Máxima en 24hrs | Máxima en día |                               | N                                       | NE | E | SE | S | SW | W | NW | CALMA | Nro OBS |       |   |                                  |                           |
|             |                  |                 |               |                               |   |    |   |    |   |    |   |    |       |         | (m/s) | % |                                  |                           |
| ENERO       | 78.8             |                 |               | 8                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.5                              |                           |
| FEBRERO     | 65.5             |                 |               | 8                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.5                              |                           |
| MARZO       | 99.1             |                 |               | 7                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.5                              |                           |
| ABRIL       | 102.3            |                 |               | 7                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.5                              |                           |
| MAYO        | 95.7             |                 |               | 7                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.6                              |                           |
| JUNIO       | 98.6             |                 |               | 8                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.5                              |                           |
| JULIO       | 53.5             |                 |               | 8                             |   |    |   |    |   |    |   |    |       |         |       |   | 0.8                              |                           |
| AGOSTO      | 50.8             |                 |               | 8                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.3                              |                           |
| SEPTIEMBRE  | 58.2             |                 |               | 8                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.4                              |                           |
| OCTUBRE     | 55.2             | 4.9             | 26            | 8                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.4                              |                           |
| NOVIEMBRE   | 70.1             |                 |               | 8                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.4                              |                           |
| DICIEMBRE   | 109.4            |                 |               | 8                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.6                              |                           |
| VALOR ANUAL | 937.2            |                 |               | 7                             |   |    |   |    |   |    |   |    |       |         |       |   | 1.4                              |                           |



**M185 MACHALA-UTM INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |            |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |         | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------------|-------|------------------------|---------------------------|-------------------|-----------------|---------|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima día           | Mínima día | Media |                        |                           | Mensual           | Máxima en 24hrs | Mensual |                                  |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |            |       |                        |                           |                   |                 |         |                                  |
| ENERO       | 88.4                  | 33.0                                  | 23     | 30.6        | 24.3   | 27.0    |                      |            | 94    | 26.0                   | 33.7                      | 906.5             | 157.9           | 23      | 29                               |
| FEBRERO     | 68.3                  |                                       |        | 30.9        | 24.8   | 27.4    |                      |            | 94    | 26.3                   | 34.4                      | 739.3             | 150.9           | 3       | 24                               |
| MARZO       | 117.3                 | 33.0                                  | 8      | 31.4        | 24.3   | 27.3    |                      |            | 95    | 26.4                   | 34.6                      | 463.1             | 86.8            | 14      | 26                               |
| ABRIL       | 112.0                 | 33.0                                  | 7      | 31.5        | 24.5   |         |                      |            |       |                        |                           | 384.4             | 54.2            | 29      | 26                               |
| MAYO        | 110.2                 | 33.0                                  | 15     | 31.1        | 24.4   | 27.2    |                      |            | 86    | 24.6                   | 30.9                      | 351.0             | 68.1            | 30      | 24                               |
| JUNIO       | 32.8                  | 31.8                                  | 5      | 29.5        | 23.7   | 26.0    |                      |            | 87    | 23.6                   | 29.1                      | 255.5             | 54.3            | 5       | 23                               |
| JULIO       | 49.3                  | 30.6                                  | 17     | 27.7        | 22.8   | 24.7    |                      |            | 89    | 22.7                   | 27.6                      | 143.4             | 28.2            | 2       | 26                               |
| AGOSTO      | 20.1                  |                                       | 19.8   | 26.5        | 22.0   | 23.7    |                      |            | 91    | 22.1                   | 26.6                      | 69.6              | 10.8            | 31      | 25                               |
| SEPTIEMBRE  | 37.4                  |                                       |        | 26.8        | 21.8   | 23.9    |                      |            | 88    | 21.8                   | 26.1                      | 67.5              | 7.8             | 21      | 29                               |
| OCTUBRE     | 32.6                  |                                       |        | 25.9        | 21.2   |         |                      |            |       |                        |                           | 64.5              | 7.8             | 19      | 24                               |
| NOVIEMBRE   | 38.8                  |                                       |        | 27.3        | 21.4   | 23.6    |                      |            | 89    | 21.6                   | 25.8                      | 30.7              | 6.8             | 3       | 19                               |
| DICIEMBRE   | 78.3                  |                                       |        | 29.0        | 22.0   | 24.7    |                      |            | 85    | 22.1                   | 26.6                      | 16.2              | 4.5             | 26      | 12                               |
| VALOR ANUAL | 785.5                 |                                       |        | 29.0        | 23.1   |         |                      |            |       |                        |                           | 3491.7            | 157.9           |         |                                  |

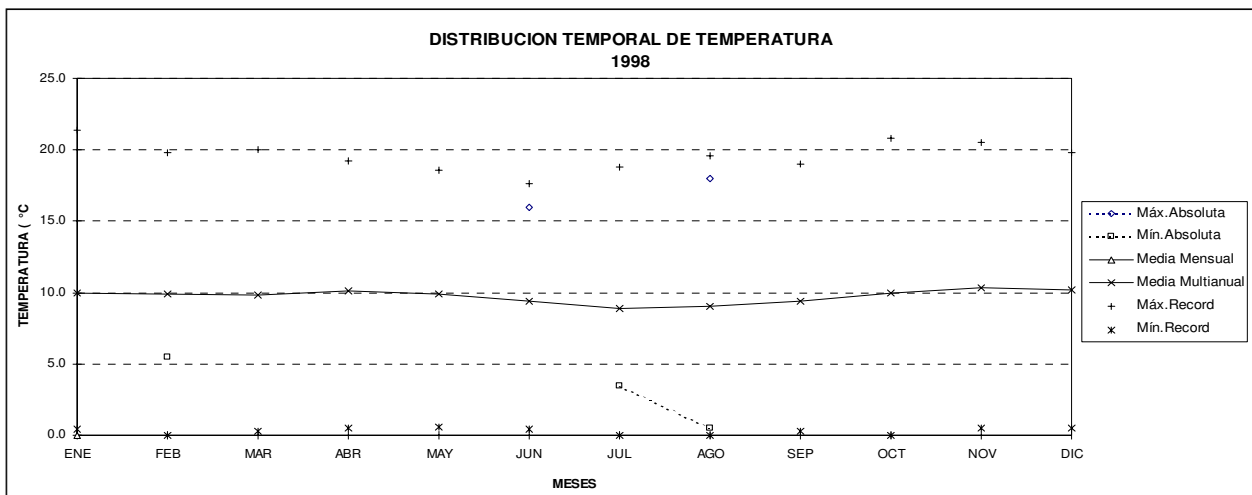
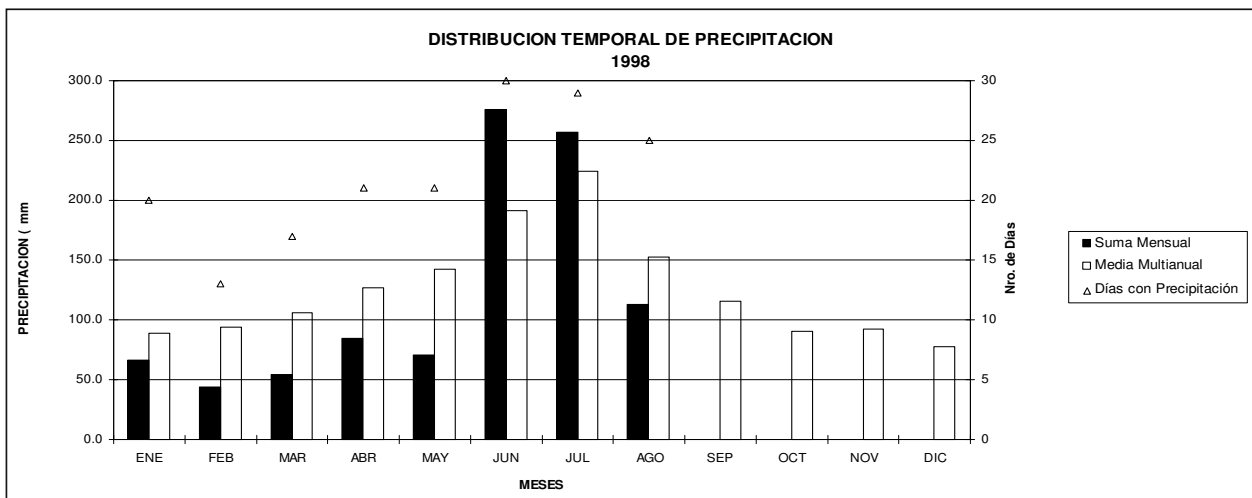
| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |    |     |       |     |   |     |         |         |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |    |       |     |    |     |     |
|-------------|------------------|-----------------|---------------|-------------------------------|---|-------|-----|----|-------|----|-----|-------|-----|---|-----|---------|---------|-------|----------------------------------|---------------------------|----|-------|-----|----|-----|-----|
|             | Mensual          | Máxima en 24hrs | Mínima en día |                               | N                                       | NE    |     | E  | SE    |    | S   | SW    |     | W | NW  | CALMA % | Nro OBS |       |                                  |                           |    |       |     |    |     |     |
|             |                  |                 |               |                               |   | (m/s) | %   |    | (m/s) | %  |     | (m/s) | %   |   |     |         |         | (m/s) |                                  |                           | %  | (m/s) | %   |    |     |     |
| ENERO       | 82.1             | 6.0             | 10            | 8                             | 3.6                                     | 12    | 2.6 | 20 | 3.7   | 13 | 0.0 | 0     | 2.0 | 1 | 2.0 | 1       | 2.0     | 1     | 4.4                              | 24                        | 28 | 93    | 8.0 | NW | 1.8 |     |
| FEBRERO     | 73.8             | 4.5             | 15            | 8                             |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 1.8 |
| MARZO       | 83.8             | 5.2             | 1             | 8                             |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 2.0 |
| ABRIL       | 77.7             | 5.5             | 7             | 8                             |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 1.8 |
| MAYO        | 100.0            | 5.2             | 15            | 7                             |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 1.7 |
| JUNIO       | 66.2             | 5.0             | 30            | 8                             |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 1.6 |
| JULIO       | 67.3             | 5.1             | 17            | 8                             |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 1.5 |
| AGOSTO      | 55.5             | 6.2             | 6             | 8                             |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 1.4 |
| SEPTIEMBRE  | 63.0             | 7.2             | 21            | 8                             |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 1.6 |
| OCTUBRE     | 60.5             | 5.7             | 1             | 8                             |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 1.4 |
| NOVIEMBRE   | 55.7             | 5.3             | 18            | 8                             |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 1.4 |
| DICIEMBRE   | 80.2             | 5.0             | 21            | 8                             | 2.9                                     | 23    | 2.0 | 5  | 2.0   | 5  | 0.0 | 0     | 0.0 | 0 | 3.0 | 2       | 2.7     | 16    | 2.7                              | 18                        | 30 | 93    | 8.0 | NW | 1.8 |     |
| VALOR ANUAL | 865.8            | 7.2             |               |                               |   |       |     |    |       |    |     |       |     |   |     |         |         |       |                                  |                           |    |       |     |    |     | 1.6 |



M188 **PAPALLACTA** INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima día           | Mínima día | Media | Mensual |                        |                           | Suma              | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| ENERO       |                       |                                       |        | 14.4        | 7.2    |         |                      |            |       |         |                        | 66.4                      | 9.8               | 8               | 20  |                                  |
| FEBRERO     |                       |                                       | 5.5    | 3           | 15.9   | 7.3     |                      |            |       |         |                        | 43.8                      | 12.8              | 11              | 13  |                                  |
| MARZO       |                       |                                       |        |             | 14.4   | 7.4     |                      |            |       |         |                        | 54.0                      | 10.7              | 17              | 17  |                                  |
| ABRIL       |                       |                                       |        |             | 14.8   | 7.9     |                      |            |       |         |                        | 84.6                      | 11.6              | 6               | 21  |                                  |
| MAYO        |                       |                                       |        |             | 14.0   | 7.0     |                      |            |       |         |                        | 70.6                      | 13.0              | 27              | 21  |                                  |
| JUNIO       |                       | 16.0                                  | 9      |             | 12.3   | 6.6     |                      |            |       |         |                        | 276.1                     | 29.9              | 2               | 30  |                                  |
| JULIO       |                       |                                       |        | 3.5         | 15     | 11.1    | 5.9                  |            |       |         |                        | 257.3                     | 34.3              | 11              | 29  |                                  |
| AGOSTO      |                       | 18.0                                  | 10     | 0.5         | 14     | 12.3    | 3.6                  |            |       |         |                        | 113.0                     | 17.9              | 29              | 25  |                                  |
| SEPTIEMBRE  |                       |                                       |        |             |        |         |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| OCTUBRE     |                       |                                       |        |             |        |         |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| NOVIEMBRE   |                       |                                       |        |             |        |         |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| DICIEMBRE   |                       |                                       |        |             |        |         |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| VALOR ANUAL |                       |                                       |        |             |        |         |                      |            |       |         |                        |                           |                   |                 |     |                                  |

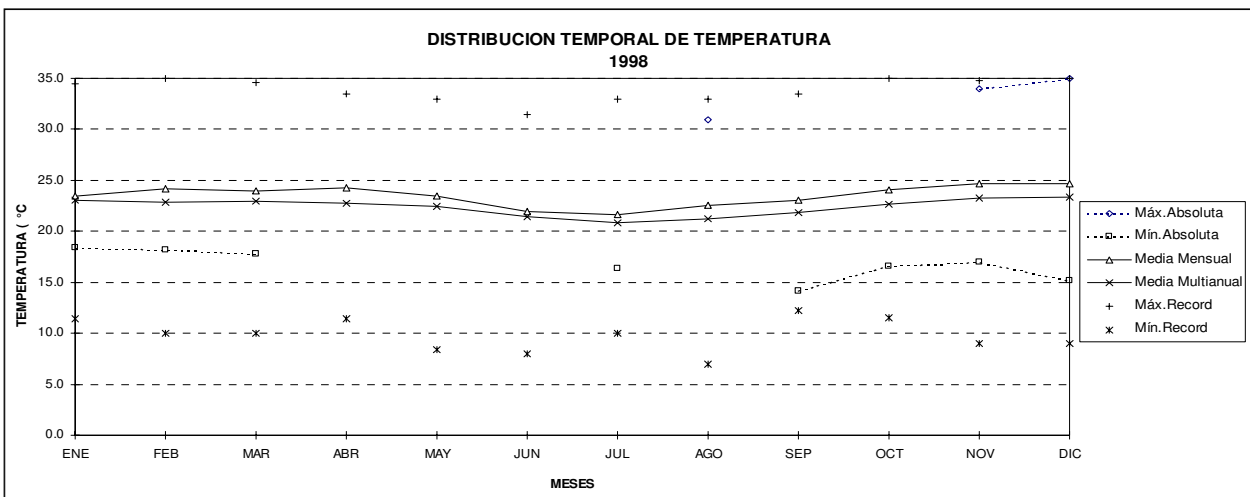
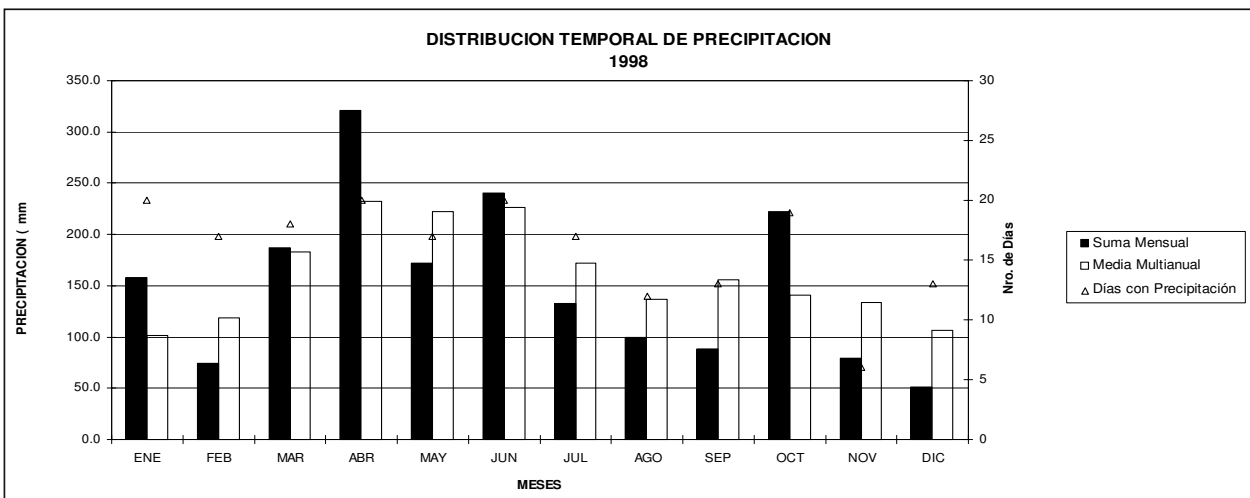
| MES         | EVAPORACION (mm) |                     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |   |    |   |    |   |    |       |         |       |     | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |
|-------------|------------------|---------------------|-------------------------------|---|----|---|----|---|----|---|----|-------|---------|-------|-----|----------------------------------|---------------------------|
|             | Suma Mensual     | Máxima en 24hrs día |                               | N                                       | NE | E | SE | S | SW | W | NW | CALMA | Nro OBS |       |     |                                  |                           |
|             | (m/s)            | (%)                 |                               |   |    |   |    |   |    |   |    |       |         | (m/s) | (%) |                                  |                           |
| ENERO       |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| FEBRERO     |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| MARZO       |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| ABRIL       |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| MAYO        |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| JUNIO       |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| JULIO       |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| AGOSTO      |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| SEPTIEMBRE  |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| OCTUBRE     |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| NOVIEMBRE   |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| DICIEMBRE   |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |
| VALOR ANUAL |                  |                     |                               |   |    |   |    |   |    |   |    |       |         |       |     |                                  |                           |



**M189 GUALAQUIZA INAMHI INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |             |      |         | HUMEDAD RELATIVA (%) |      |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |       | Número de días con precipitación |    |    |
|-------------|-----------------------|---------------------------------------|------|-------------|------|---------|----------------------|------|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-------|----------------------------------|----|----|
|             |                       | ABSOLUTAS                             |      | M E D I A S |      |         | Máxima               | día  | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día   |                                  |    |    |
|             |                       | Máxima                                | día  | Mínima      | día  | Mensual |                      |      |        |     |       |                        |                           |                   |                 |       |                                  |    |    |
| ENERO       |                       | 18.4                                  | 31   | 27.8        | 20.2 | 23.5    | 100                  | 27   | 63     | 7   | 90    | 21.7                   | 25.9                      | 157.9             | 25.0            | 24    | 20                               |    |    |
| FEBRERO     |                       | 18.2                                  | 20   | 28.5        | 20.2 | 24.2    | 98                   | 3    | 54     | 8   | 87    | 21.8                   | 26.1                      | 74.7              | 8.8             | 13    | 17                               |    |    |
| MARZO       |                       | 17.8                                  | 3    | 28.3        | 20.3 | 24.0    | 98                   | 5    | 65     | 24  | 88    | 21.7                   | 26.0                      | 186.9             | 51.5            | 28    | 18                               |    |    |
| ABRIL       |                       |                                       |      | 28.8        | 20.6 | 24.3    | 100                  | 13   | 60     | 15  | 87    | 21.8                   | 26.2                      | 320.9             | 63.0            | 18    | 20                               |    |    |
| MAYO        |                       |                                       |      | 28.1        | 19.7 | 23.5    | 98                   | 5    | 57     | 20  | 87    | 21.1                   | 25.1                      | 172.0             | 32.9            | 6     | 17                               |    |    |
| JUNIO       |                       |                                       |      | 25.9        | 18.8 | 22.0    | 100                  | 22   | 62     | 10  | 88    | 19.9                   | 23.3                      | 239.9             | 42.2            | 21    | 20                               |    |    |
| JULIO       |                       | 16.4                                  | 17   | 25.6        | 18.4 | 21.6    |                      |      |        |     | 89    | 19.7                   | 23.0                      | 132.4             | 17.1            | 24    | 17                               |    |    |
| AGOSTO      | 31.0                  | 10                                    |      | 27.7        | 18.2 | 22.6    | 98                   | 1    | 58     | 7   | 87    | 20.2                   | 23.8                      | 99.4              | 40.1            | 30    | 12                               |    |    |
| SEPTIEMBRE  |                       |                                       |      | 14.2        | 26   | 29.0    | 17.9                 | 23.1 | 98     | 1   | 57    | 18                     | 85                        | 20.3              | 24.0            | 89.0  | 19.4                             | 4  | 13 |
| OCTUBRE     |                       |                                       |      | 16.6        | 13   | 29.0    | 19.2                 | 24.1 | 100    | 1   | 57    | 14                     | 85                        | 21.2              | 25.2            | 222.4 | 96.4                             | 23 | 19 |
| NOVIEMBRE   | 34.0                  | 30                                    | 17.0 | 30.4        | 19.6 | 24.7    |                      |      |        |     | 83    | 21.4                   | 25.6                      | 79.2              | 35.6            | 22    | 6                                |    |    |
| DICIEMBRE   | 35.0                  | 2                                     | 15.2 | 2           | 31.2 | 18.1    | 24.7                 | 98   | 1      | 50  | 21    | 82                     | 21.1                      | 25.1              | 51.5            | 11.0  | 11                               | 13 |    |
| VALOR ANUAL |                       |                                       |      | 28.3        | 19.2 | 23.5    |                      |      |        |     | 86    | 20.9                   | 24.9                      | 1826.2            | 96.4            |       |                                  |    |    |

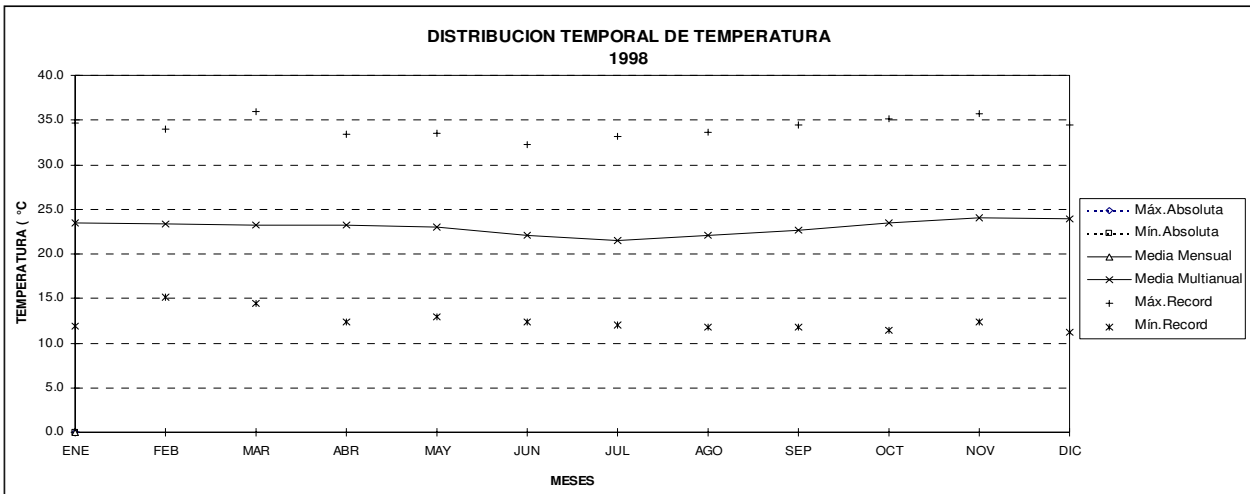
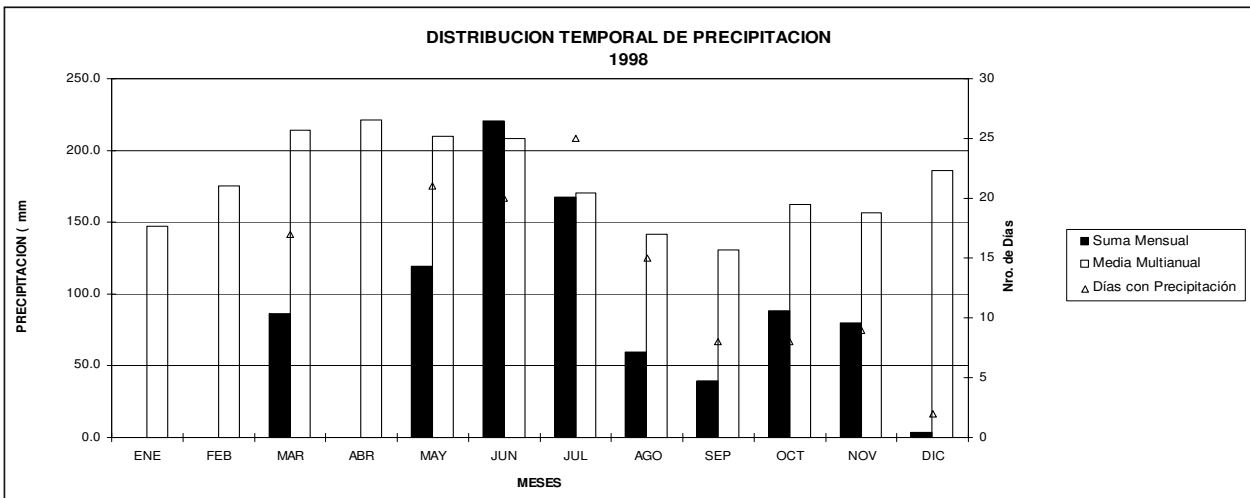
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |    |     |         |         |       | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |    |       |     |   |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|---|-------|---|-----|-------|-----|----|-----|---------|---------|-------|------------------------------|---------------------------|----|-------|-----|---|-----|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W  | NW  | CALMA % | Nro OBS |       |                              |                           |    |       |     |   |     |
|             |                  |                 |     |                               |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |    |     |         |         | (m/s) |                              |                           | %  | (m/s) | %   |   |     |
| ENERO       | 37.4             | 3.0             | 7   | 5                             | 0.0                                     | 0     | 0.0 | 0 | 2.0   | 2 | 0.0 | 0     | 2.3 | 7  | 0.0 | 0       | 0.0     | 0     | 0.0                          | 0                         | 91 | 93    | 4.0 | S | 1.4 |
| FEBRERO     | 47.7             | 3.7             | 1   | 5                             |   |       |     |   |       |   |     |       |     |    |     |         |         |       |                              |                           |    |       |     |   | 0.9 |
| MARZO       | 62.9             | 4.2             | 25  | 4                             | 3.0                                     | 2     | 0.0 | 0 | 2.0   | 1 | 0.0 | 0     | 2.0 | 12 | 2.0 | 3       | 0.0     | 0     | 0.0                          | 0                         | 82 | 93    | 4.0 | N | 1.1 |
| ABRIL       | 45.8             | 4.0             | 14  | 5                             | 2.0                                     | 2     | 0.0 | 0 | 2.0   | 1 | 0.0 | 0     | 2.2 | 12 | 0.0 | 0       | 0.0     | 0     | 0.0                          | 0                         | 84 | 90    | 4.0 | S | 1.1 |
| MAYO        | 43.0             | 3.0             | 21  | 5                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 2.0 | 4  | 0.0 | 0       | 0.0     | 0     | 0.0                          | 0                         | 96 | 93    | 2.0 | S | 0.9 |
| JUNIO       | 35.9             | 3.0             | 15  | 5                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 2.0 | 7  | 0.0 | 0       | 0.0     | 0     | 0.0                          | 0                         | 93 | 90    | 2.0 | S | 0.8 |
| JULIO       | 37.4             | 3.0             | 7   | 5                             | 2.0                                     | 1     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 2.0 | 2  | 0.0 | 0       | 0.0     | 0     | 0.0                          | 0                         | 97 | 93    | 2.0 | N | 0.8 |
| AGOSTO      | 114.4            | 13.0            | 17  | 5                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 2.0 | 5  | 0.0 | 0       | 0.0     | 0     | 0.0                          | 0                         | 95 | 93    | 2.0 | S | 1.5 |
| SEPTIEMBRE  | 61.0             | 4.0             | 18  | 5                             | 3.5                                     | 4     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 2.0 | 10 | 0.0 | 0       | 0.0     | 0     | 0.0                          | 0                         | 86 | 90    | 4.0 | N | 1.8 |
| OCTUBRE     | 62.4             | 4.0             | 2   | 5                             | 2.0                                     | 2     | 0.0 | 0 | 2.0   | 3 | 0.0 | 0     | 2.0 | 14 | 0.0 | 0       | 0.0     | 0     | 0.0                          | 0                         | 81 | 93    | 2.0 | N | 1.9 |
| NOVIEMBRE   | 87.2             | 5.0             | 30  | 5                             | 2.3                                     | 7     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 2.0 | 11 | 0.0 | 0       | 0.0     | 0     | 0.0                          | 0                         | 82 | 90    | 4.0 | N | 2.6 |
| DICIEMBRE   | 235.5            | 14.0            | 22  | 5                             |   |       |     |   |       |   |     |       |     |    |     |         |         |       |                              |                           |    |       |     |   | 2.6 |
| VALOR ANUAL | 870.6            | 14.0            |     | 4                             |   |       |     |   |       |   |     |       |     |    |     |         |         |       |                              |                           |    |       |     |   | 1.4 |



M190 YANZATZA INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |  |             |  |  | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |       |      | Número de días con precipitación |    |
|-------------|-----------------------|---------------------------------------|--|-------------|--|--|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-------|------|----------------------------------|----|
|             |                       | ABSOLUTAS                             |  | M E D I A S |  |  | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | día   |      |                                  |    |
| ENERO       |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   |       |      |                                  |    |
| FEBRERO     |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   |       |      |                                  |    |
| MARZO       |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   | 86.5  | 14.9 | 2                                | 17 |
| ABRIL       |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   |       |      |                                  |    |
| MAYO        |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   |       |      |                                  |    |
| JUNIO       |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   | 119.6 | 27.5 | 7                                | 21 |
| JULIO       |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   | 220.9 | 86.0 | 22                               | 20 |
| AGOSTO      |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   | 167.2 | 49.2 | 23                               | 25 |
| SEPTIEMBRE  |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   | 59.3  | 18.5 | 30                               | 15 |
| OCTUBRE     |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   | 39.4  | 20.3 | 30                               | 8  |
| NOVIEMBRE   |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   | 88.6  | 45.4 | 14                               | 8  |
| DICIEMBRE   |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   | 79.8  | 46.7 | 9                                | 9  |
| VALOR ANUAL |                       |                                       |  |             |  |  |                      |            |       |         |                        |                           |                   | 3.5   | 3.2  | 15                               | 2  |

| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |     |    |     |    |     |    |       |         |     |   |     |   | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |    |    |     |    |     |
|-------------|------------------|-----------------|---------------|-------------------------------|---|----|-----|----|-----|----|-----|----|-------|---------|-----|---|-----|---|----------------------------------|---------------------------|----|----|-----|----|-----|
|             | Suma Mensual     | Máxima en 24hrs | Méxima en día |                               | N                                       | NE | E   | SE | S   | SW | W   | NW | CALMA | Nro OBS |     |   |     |   |                                  |                           |    |    |     |    |     |
| ENERO       |                  |                 |               |                               |   |    |     |    |     |    |     |    |       |         |     |   |     |   |                                  |                           |    |    |     |    |     |
| FEBRERO     |                  |                 |               |                               |   |    |     |    |     |    |     |    |       |         |     |   |     |   |                                  |                           |    |    |     |    |     |
| MARZO       | 91.3             | 4.8             | 31            | 6                             |   |    |     |    |     |    |     |    |       |         |     |   |     |   |                                  |                           |    |    |     |    | 0.5 |
| ABRIL       |                  |                 |               |                               |   |    |     |    |     |    |     |    |       |         |     |   |     |   |                                  |                           |    |    |     |    |     |
| MAYO        |                  |                 |               |                               |   |    |     |    |     |    |     |    |       |         |     |   |     |   |                                  |                           |    |    |     |    |     |
| JUNIO       |                  |                 |               |                               |   |    |     |    |     |    |     |    |       |         |     |   |     |   |                                  |                           |    |    |     |    |     |
| JULIO       | 80.6             | 5.4             | 30            | 7                             | 4.0                                     | 1  | 2.0 | 1  | 2.0 | 2  | 0.0 | 0  | 2.0   | 4       | 4.0 | 1 | 0.0 | 0 | 0.0                              | 0                         | 90 | 93 | 4.0 | SW | 0.9 |
| AGOSTO      | 106.4            | 6.0             | 17            | 5                             | 3.0                                     | 7  | 4.0 | 1  | 0.0 | 0  | 2.5 | 4  | 2.8   | 9       | 2.0 | 1 | 0.0 | 0 | 0.0                              | 0                         | 79 | 93 | 6.0 | S  | 2.1 |
| SEPTIEMBRE  | 95.9             | 5.3             | 25            | 6                             | 2.0                                     | 7  | 0.0 | 0  | 6.0 | 1  | 2.0 | 1  | 2.5   | 4       | 2.0 | 3 | 2.0 | 2 | 2.0                              | 2                         | 79 | 90 | 6.0 | E  | 2.2 |
| OCTUBRE     | 108.9            | 5.4             | 13            | 6                             | 2.0                                     | 11 | 2.0 | 1  | 0.0 | 0  | 2.5 | 4  | 2.7   | 3       | 2.0 | 4 | 0.0 | 0 | 2.0                              | 1                         | 75 | 93 | 4.0 | S  | 2.0 |
| NOVIEMBRE   | 114.3            | 6.7             | 23            | 6                             | 4.0                                     | 3  | 0.0 | 0  | 2.0 | 4  | 3.0 | 2  | 3.3   | 10      | 0.0 | 0 | 2.0 | 1 | 3.0                              | 4                         | 74 | 90 | 6.0 | N  | 2.5 |
| DICIEMBRE   | 164.5            | 7.8             | 7             | 5                             | 2.7                                     | 3  | 0.0 | 0  | 0.0 | 0  | 2.0 | 2  | 2.0   | 3       | 2.0 | 3 | 2.0 | 3 | 2.7                              | 3                         | 82 | 93 | 4.0 | N  | 1.5 |
| VALOR ANUAL |                  |                 |               |                               |   |    |     |    |     |    |     |    |       |         |     |   |     |   |                                  |                           |    |    |     |    |     |

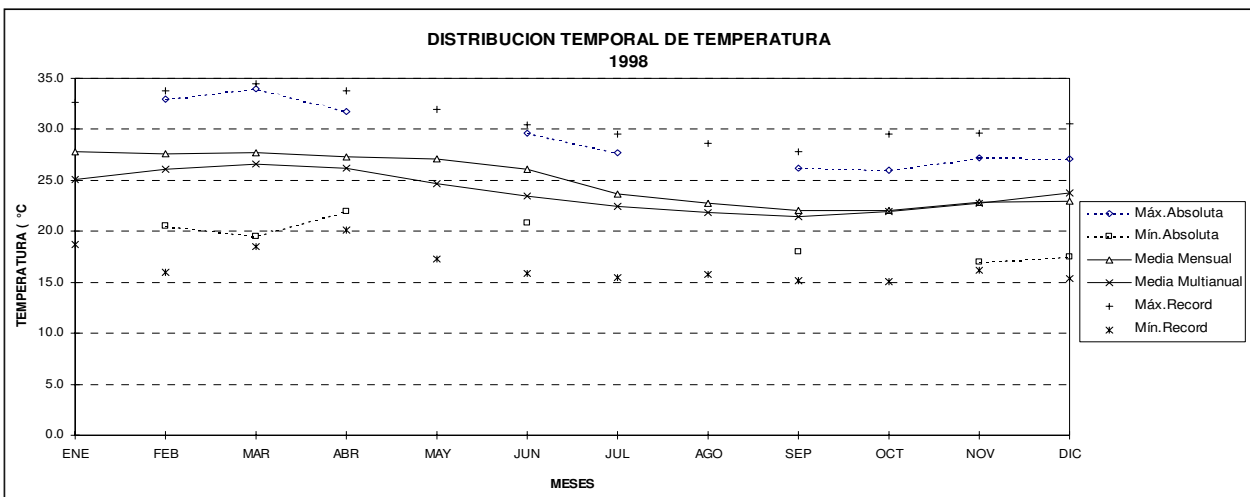
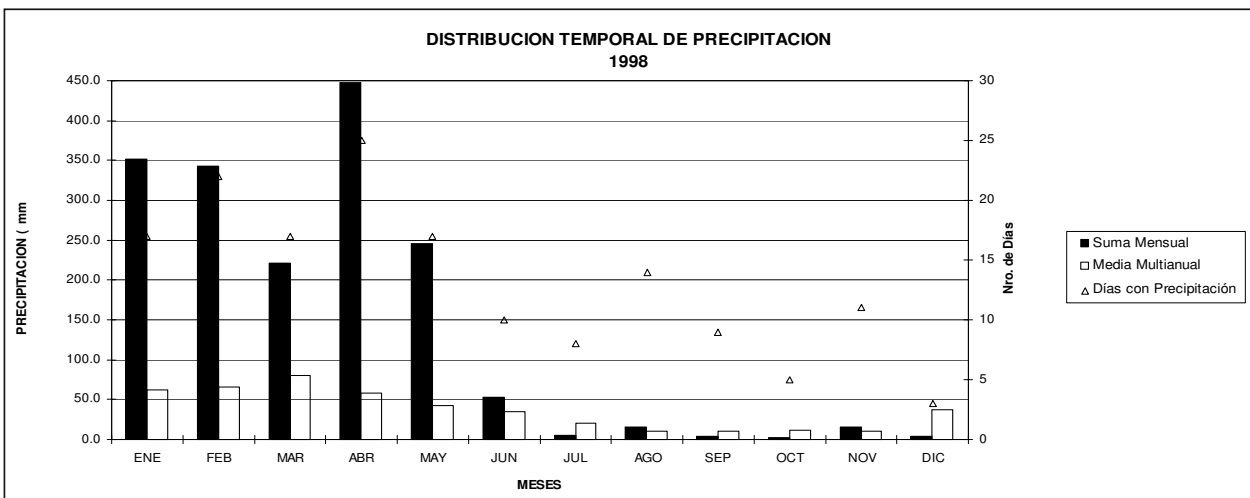




**M191 CHARLES DARWIN INAMHI INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |        | HUMEDAD RELATIVA (%) |      |        |     | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                    | Número<br>de días con<br>precipitación |       |         |    |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|--------|----------------------|------|--------|-----|---------------------------|------------------------------|-------------------|---------|--------------------|--|-------|---------|----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |        | Máxima               | día  | Mínima | día |                           |                              | Media             | Mensual | Máxima en<br>24hrs |  | día   |         |    |
|             |                       | Máxima                                | día | Mínima      | día  | Máxima |                      |      |        |     |                           |                              |                   |         |                    |  |       | Mensual |    |
| ENERO       | 223.6                 |                                       |     | 31.0        | 24.2 | 27.8   |                      |      |        | 92  | 26.3                      | 34.3                         | 351.3             | 95.7    | 4                  | 17                                     |       |         |    |
| FEBRERO     | 154.3                 | 33.0                                  | 10  | 20.5        | 24   | 31.5   | 23.5                 | 27.6 | 100    | 2   | 61                        | 10                           | 92                | 26.1    | 34.0               | 342.9                                  | 90.1  | 20      | 22 |
| MARZO       | 202.5                 | 34.0                                  | 24  | 19.5        | 8    | 31.5   | 24.1                 | 27.7 | 100    | 9   | 70                        | 14                           | 94                | 26.7    | 35.2               | 221.3                                  | 52.5  | 28      | 17 |
| ABRIL       | 122.6                 | 31.8                                  | 14  | 22.0        | 29   | 30.6   | 24.0                 | 27.3 | 100    | 1   | 89                        | 6                            | 97                | 26.9    | 35.6               | 447.4                                  | 161.3 | 28      | 25 |
| MAYO        | 145.6                 |                                       |     | 29.5        | 24.2 | 27.1   |                      |      | 100    | 6   | 83                        | 5                            | 95                | 26.2    | 34.1               | 245.6                                  | 99.3  | 6       | 17 |
| JUNIO       | 164.7                 | 29.6                                  | 10  | 20.8        | 20   | 28.0   | 23.5                 | 26.1 | 100    | 1   | 75                        | 27                           | 92                | 24.7    | 31.2               | 53.5                                   | 35.7  | 3       | 10 |
| JULIO       | 151.4                 | 27.7                                  | 1   | 26.1        | 20.7 | 23.7   |                      |      | 100    | 11  | 77                        | 19                           | 92                | 22.3    | 27.0               | 5.1                                    | 2.1   | 8       | 8  |
| AGOSTO      | 126.0                 |                                       |     | 25.0        | 20.6 | 22.8   |                      |      | 100    | 7   | 77                        | 9                            | 94                | 21.7    | 26.0               | 15.9                                   | 3.6   | 25      | 14 |
| SEPTIEMBRE  | 103.8                 | 26.2                                  | 1   | 18.0        | 17   | 24.6   | 19.7                 | 22.1 | 99     | 23  | 79                        | 26                           | 93                | 20.9    | 24.7               | 3.6                                    | 1.0   | 28      | 9  |
| OCTUBRE     | 114.9                 | 26.0                                  | 24  | 24.6        | 19.5 | 22.1   |                      |      | 100    | 7   | 80                        | 25                           | 93                | 20.8    | 24.6               | 3.1                                    | 1.3   | 12      | 5  |
| NOVIEMBRE   | 130.1                 | 27.2                                  | 1   | 17.0        | 14   | 25.5   | 20.4                 | 22.9 | 99     | 16  | 81                        | 1                            | 91                | 21.4    | 25.5               | 15.3                                   | 5.7   | 4       | 11 |
| DICIEMBRE   | 203.7                 | 27.1                                  | 30  | 17.5        | 6    | 25.9   | 20.0                 | 23.0 |        |     |                           |                              | 93                | 21.7    | 26.1               | 3.5                                    | 2.0   | 31      | 3  |
| VALOR ANUAL | 1843.2                |                                       |     | 27.8        | 22.0 | 25.0   |                      |      |        |     |                           |                              | 93                | 23.8    | 29.8               | 1708.5                                 | 161.3 |         |    |

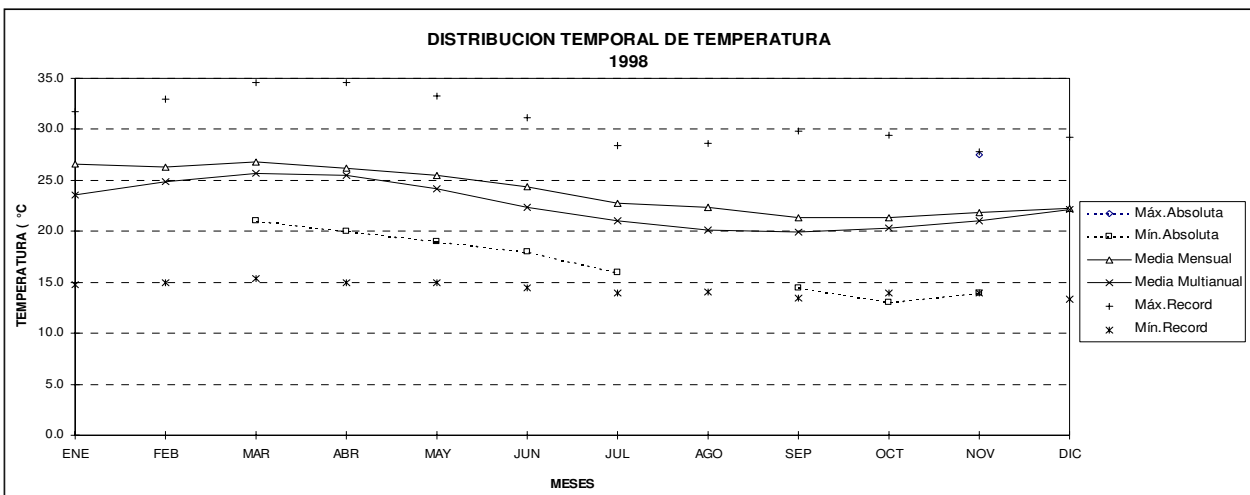
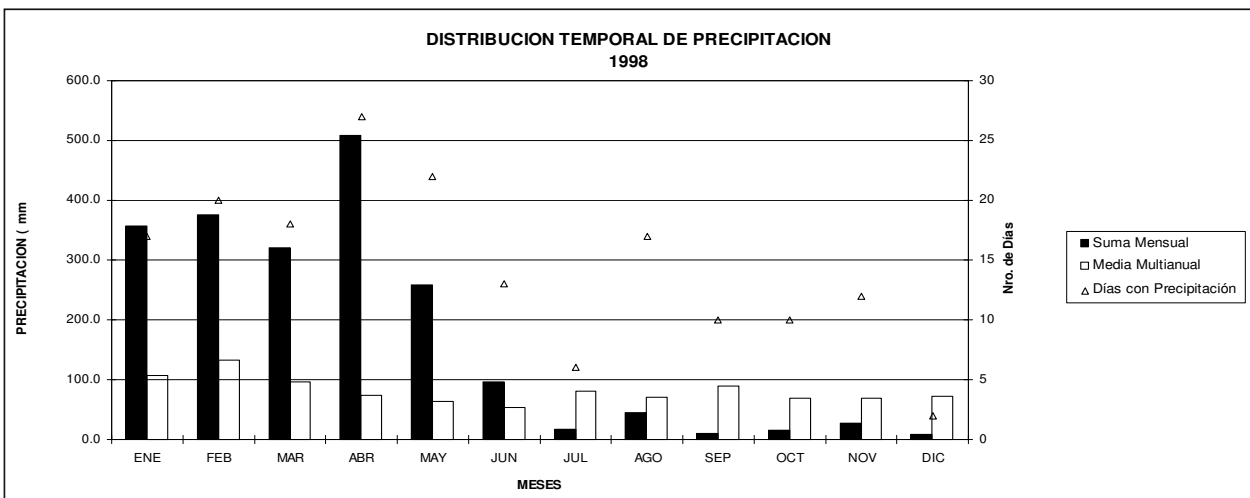
| MES         | EVAPORACION (mm) |                    |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |   |   |       |   |   |       |   |   |    |       | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |            |
|-------------|------------------|--------------------|-----|-------------------------------|---|-------|---|---|-------|---|---|-------|---|---|----|-------|---------------------------------|------------------------------|------------|
|             | Suma<br>Mensual  | Máxima en<br>24hrs | día |                               | N                                       | NE    |   | E | SE    |   | S | SW    |   | W | NW | CALMA |                                 |                              | Nro<br>OBS |
|             |                  |                    |     |                               |   | (m/s) | % |   | (m/s) | % |   | (m/s) | % |   |    |       |                                 |                              |            |
| ENERO       |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| FEBRERO     |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| MARZO       |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| ABRIL       |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| MAYO        |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| JUNIO       |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| JULIO       |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| AGOSTO      |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| SEPTIEMBRE  |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| OCTUBRE     |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| NOVIEMBRE   |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| DICIEMBRE   |                  |                    |     |                               |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |
| VALOR ANUAL |                  |                    |     | 6                             |   |       |   |   |       |   |   |       |   |   |    |       |                                 |                              |            |



M192 BELLAVISTA-ISLA S.CRUZ INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |       | Número de días con precipitación |    |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|---------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|---------|-------|----------------------------------|----|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        |         | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | Mensual |       |                                  |    |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima | Mensual |                      |            |       |         |                        |                           |                   |         |       |                                  |    |
| ENERO       | 168.8                 |                                       |            | 30.8        | 22.3   | 26.6    |                      |            | 93    | 25.3    | 32.4                   | 356.1                     | 83.3              | 4       | 17    |                                  |    |
| FEBRERO     | 95.8                  |                                       |            | 31.0        | 21.9   | 26.3    | 100                  | 20         | 58    | 5       | 94                     | 25.3                      | 32.5              | 376.4   | 60.0  | 25                               | 20 |
| MARZO       | 128.5                 | 21.0                                  | 2          | 31.5        | 22.1   | 26.8    | 100                  | 16         | 80    | 14      | 95                     | 26.0                      | 33.9              | 320.0   | 41.5  | 11                               | 18 |
| ABRIL       | 71.3                  | 20.0                                  | 7          | 30.2        | 21.7   | 26.2    | 100                  | 18         | 81    | 23      | 95                     | 25.4                      | 32.6              | 509.0   | 130.9 | 28                               | 27 |
| MAYO        | 52.6                  | 19.0                                  | 27         | 28.9        | 21.5   | 25.5    |                      |            | 94    | 24.5    | 30.9                   | 258.7                     | 40.8              | 19      | 22    |                                  |    |
| JUNIO       | 73.1                  | 18.0                                  | 29         | 27.7        | 20.3   | 24.4    |                      |            | 95    | 23.7    | 29.4                   | 96.1                      | 32.7              | 6       | 13    |                                  |    |
| JULIO       | 48.2                  | 16.0                                  | 14         | 25.8        | 18.5   | 22.8    | 98                   | 1          | 81    | 6       | 94                     | 21.9                      | 26.4              | 16.6    | 6.6   | 29                               | 6  |
| AGOSTO      | 49.1                  |                                       |            | 25.2        | 18.0   | 22.4    |                      |            | 93    | 21.0    | 25.0                   | 44.8                      | 7.3               | 21      | 17    |                                  |    |
| SEPTIEMBRE  | 39.6                  | 14.5                                  | 17         | 24.6        | 16.9   | 21.3    | 98                   | 2          | 79    | 5       | 93                     | 20.2                      | 23.7              | 11.1    | 4.1   | 11                               | 10 |
| OCTUBRE     | 72.5                  | 13.0                                  | 21         | 24.4        | 16.4   | 21.3    |                      |            | 94    | 20.3    | 24.0                   | 15.5                      | 3.4               | 3       | 10    |                                  |    |
| NOVIEMBRE   | 43.4                  | 27.5                                  | 2          | 14.0        | 15     | 25.0    | 100                  | 4          | 80    | 11      | 94                     | 20.8                      | 24.6              | 27.1    | 7.0   | 6                                | 12 |
| DICIEMBRE   | 141.9                 |                                       |            | 26.1        | 16.8   | 22.3    |                      |            | 92    | 20.9    | 24.9                   | 9.1                       | 7.4               | 31      | 2     |                                  |    |
| VALOR ANUAL | 984.8                 |                                       |            | 27.6        | 19.4   | 23.9    |                      |            | 93    | 22.9    | 28.3                   | 2040.5                    | 130.9             |         |       |                                  |    |

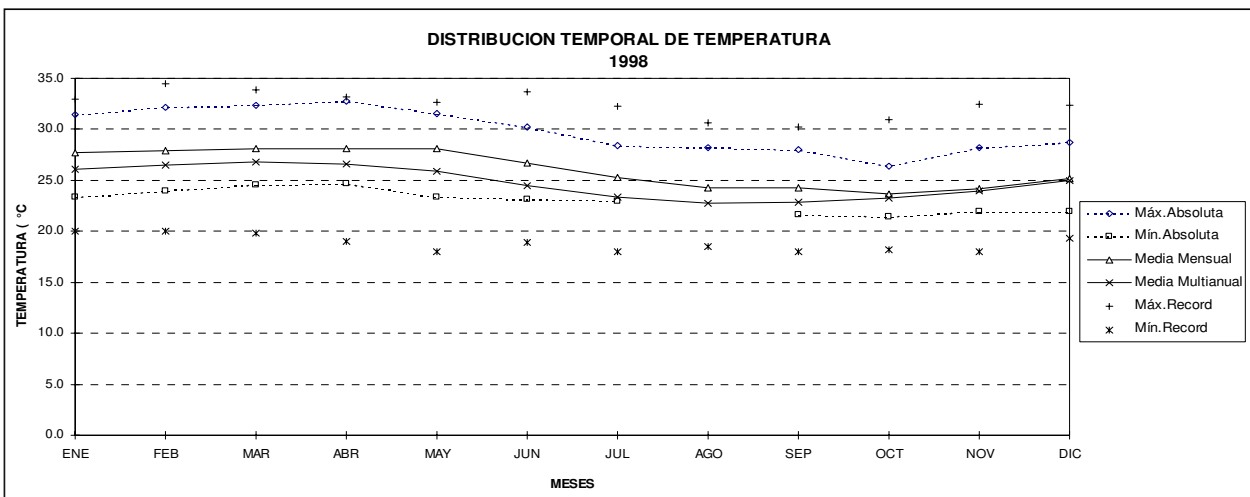
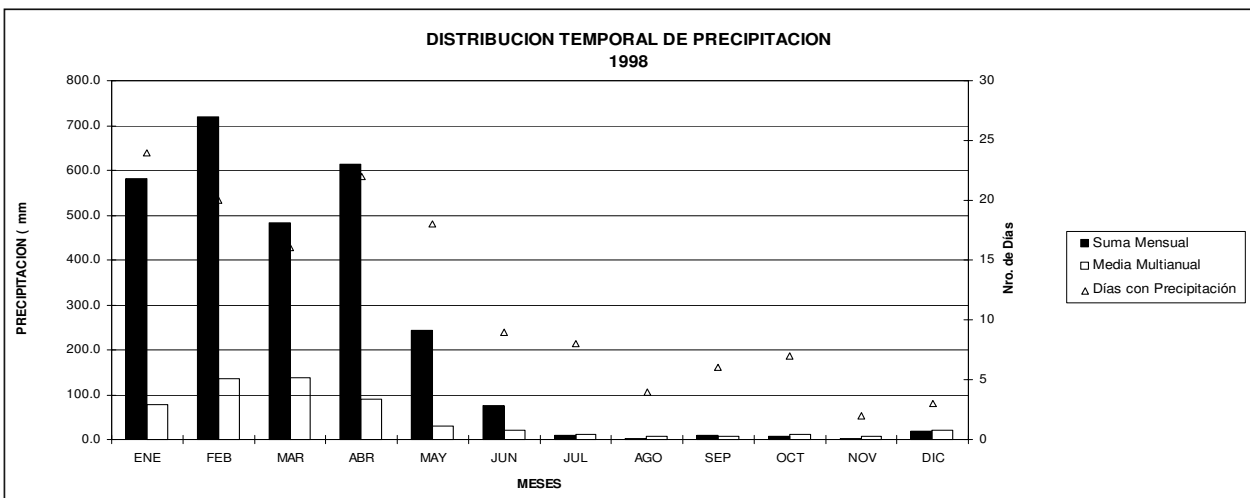
| MES         | EVAPORACION (mm) |                     |       | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |       |       |       |       |       |       |       |       |       |       |       |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |  |
|-------------|------------------|---------------------|-------|-------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------------|---------------------------|---------|---------|--|
|             | Suma Mensual     | Máxima en 24hrs día |       |                               | N                                       | NE    |       | E     |       | SE    |       | S     |       | SW    |       | W     |       | NW    |                                  |                           | CALMA % | Nro OBS |  |
|             |                  | (m/s)               | (m/s) |                               |   | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) |                                  |                           |         |         |  |
| ENERO       |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| FEBRERO     |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| MARZO       |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| ABRIL       |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| MAYO        |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| JUNIO       |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| JULIO       |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| AGOSTO      |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| SEPTIEMBRE  |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| OCTUBRE     |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| NOVIEMBRE   |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| DICIEMBRE   |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |
| VALOR ANUAL |                  |                     |       | 7                             |   |       |       |       |       |       |       |       |       |       |       |       |       |       |                                  |                           |         |         |  |



M195 PUERTO BOLIVAR INOCAR

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |     |             |        | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|-----|--------|-----|-------------|--------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |     |        |     | M E D I A S |        | Máxima día           | Mínima día | Media | Mensual |                        |                           | Mensual           | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | día | Mínima | día | Máxima      | Mínima |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| ENERO       |                       | 31.5                                  | 24  | 23.4   | 30  | 30.1        | 25.7   | 27.7                 |            |       |         |                        | 580.7                     | 99.5              | 28              | 24  |                                  |
| FEBRERO     |                       | 32.2                                  | 27  | 24.0   | 27  | 30.2        | 25.7   | 27.9                 |            |       |         |                        | 719.9                     | 188.5             | 26              | 20  |                                  |
| MARZO       |                       | 32.4                                  | 31  | 24.6   | 17  | 30.4        | 25.9   | 28.1                 |            |       |         |                        | 483.1                     | 92.0              | 14              | 16  |                                  |
| ABRIL       |                       | 32.8                                  | 16  | 24.7   | 30  | 30.4        | 25.9   | 28.1                 |            |       |         |                        | 613.4                     | 101.8             | 3               | 22  |                                  |
| MAYO        |                       | 31.6                                  | 12  | 23.4   | 27  | 30.4        | 26.0   | 28.1                 |            |       |         |                        | 243.2                     | 87.7              | 10              | 18  |                                  |
| JUNIO       |                       | 30.2                                  | 6   | 23.2   | 21  | 28.4        | 25.2   | 26.7                 |            |       |         |                        | 76.6                      | 33.8              | 24              | 9   |                                  |
| JULIO       |                       | 28.4                                  | 7   | 23.0   | 29  | 26.9        | 24.1   | 25.3                 |            |       |         |                        | 10.2                      | 3.3               | 9               | 8   |                                  |
| AGOSTO      |                       | 28.2                                  | 26  |        |     | 25.9        | 23.2   | 24.3                 |            |       |         |                        | 1.5                       | 0.5               | 9               | 4   |                                  |
| SEPTIEMBRE  |                       | 28.0                                  | 21  | 21.6   | 15  | 25.8        | 23.2   | 24.3                 |            |       |         |                        | 8.6                       | 3.5               | 4               | 6   |                                  |
| OCTUBRE     |                       | 26.4                                  | 5   | 21.4   | 25  | 25.2        | 22.6   | 23.7                 |            |       |         |                        | 7.5                       | 2.5               | 9               | 7   |                                  |
| NOVIEMBRE   |                       | 28.2                                  | 18  | 22.0   | 1   | 25.9        | 23.1   | 24.2                 |            |       |         |                        | 1.8                       | 1.0               | 28              | 2   |                                  |
| DICIEMBRE   |                       | 28.7                                  | 28  | 22.0   | 11  | 26.8        | 23.7   | 25.2                 |            |       |         |                        | 18.4                      | 14.6              | 17              | 3   |                                  |
| VALOR ANUAL |                       | 32.8                                  |     |        |     | 28.0        | 24.5   | 26.1                 |            |       |         |                        | 2764.9                    | 188.5             |                 |     |                                  |

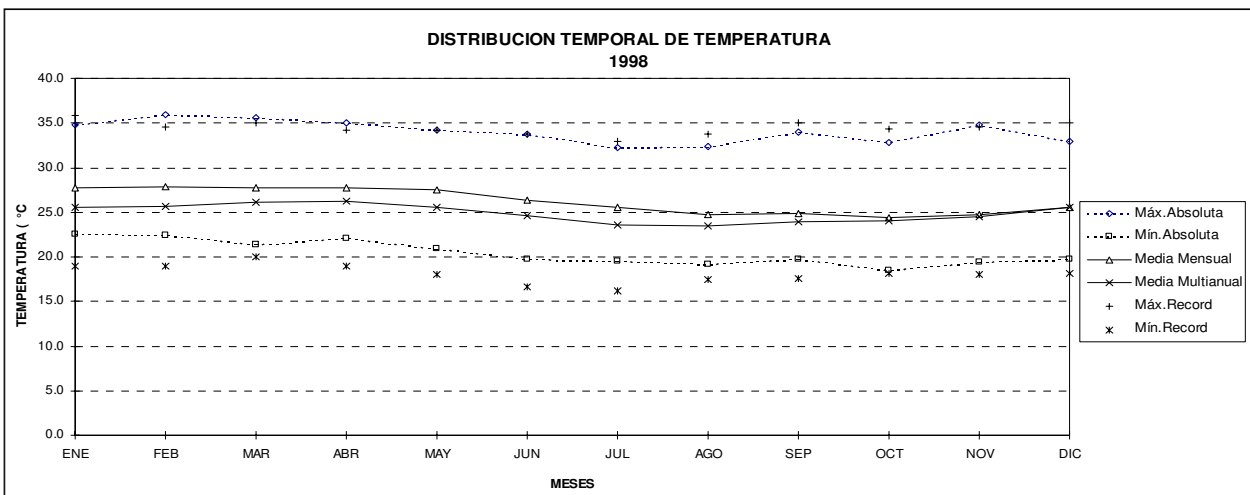
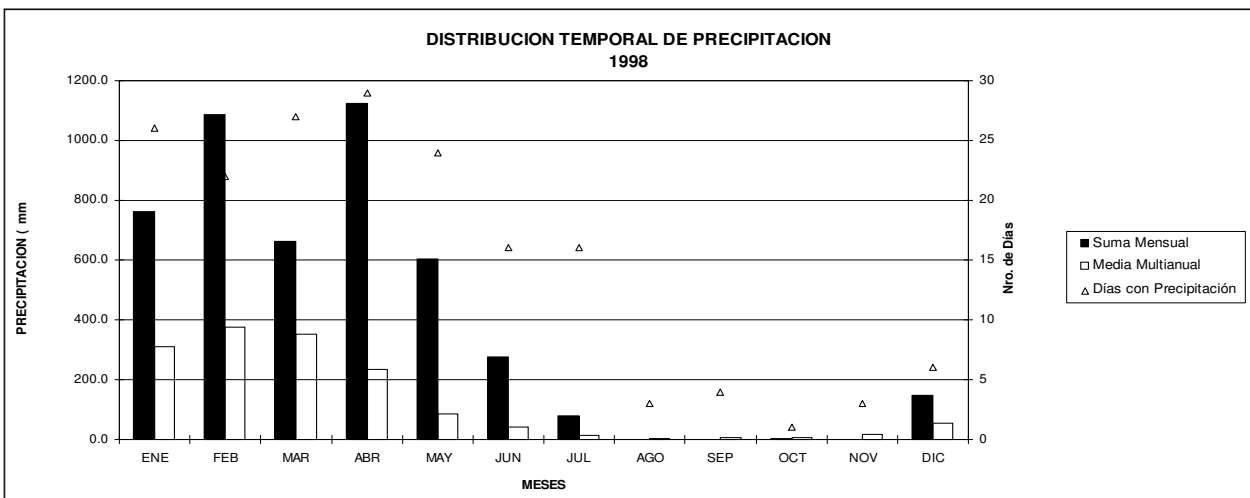
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |   |     |         |         |       |     |       | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |      |    |  |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|---|-------|---|-----|-------|-----|---|-----|---------|---------|-------|-----|-------|------------------------------|---------------------------|------|----|--|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W | NW  | CALMA % | Nro OBS |       |     |       |                              |                           |      |    |  |
|             |                  |                 |     |                               |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |   |     |         |         | (m/s) | %   | (m/s) |                              |                           | %    |    |  |
| ENERO       | 113.2            | 4.8             | 14  | 6                             | 4.0                                     | 7     | 2.0 | 4 | 2.0   | 1 | 0.0 | 0     | 0.0 | 0 | 2.5 | 18      | 2.6     | 14    | 2.2 | 28    | 28                           | 93                        | 6.0  | N  |  |
| FEBRERO     | 100.4            | 4.6             | 12  | 6                             |   |       |     |   |       |   |     |       |     |   |     |         |         |       |     |       |                              |                           |      |    |  |
| MARZO       | 115.9            | 5.0             | 21  | 6                             | 3.6                                     | 10    | 4.4 | 8 | 2.0   | 2 | 2.0 | 1     | 2.0 | 1 | 2.2 | 14      | 2.8     | 10    | 2.8 | 26    | 29                           | 93                        | 11.0 | NE |  |
| ABRIL       | 118.0            | 5.6             | 17  | 6                             | 3.3                                     | 3     | 0.0 | 0 | 2.0   | 3 | 4.0 | 1     | 0.0 | 0 | 2.1 | 18      | 2.2     | 11    | 2.6 | 33    | 30                           | 90                        | 4.0  | SW |  |
| MAYO        | 121.2            | 5.0             | 16  | 6                             | 0.0                                     | 0     | 2.0 | 1 | 0.0   | 0 | 0.0 | 0     | 2.0 | 1 | 2.0 | 11      | 2.1     | 17    | 2.3 | 31    | 39                           | 93                        | 4.0  | W  |  |
| JUNIO       | 105.5            | 4.6             | 9   | 6                             | 4.0                                     | 1     | 0.0 | 0 | 2.0   | 1 | 0.0 | 0     | 0.0 | 0 | 2.7 | 16      | 2.8     | 13    | 2.7 | 51    | 18                           | 90                        | 6.0  | NW |  |
| JULIO       | 95.1             | 4.2             | 4   | 7                             | 4.0                                     | 2     | 2.0 | 2 | 2.0   | 1 | 0.0 | 0     | 0.0 | 0 | 3.5 | 9       | 3.2     | 18    | 3.1 | 51    | 17                           | 93                        | 6.0  | NW |  |
| AGOSTO      | 89.6             | 3.6             | 12  | 7                             | 3.0                                     | 2     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 0.0 | 0 | 3.0 | 11      | 3.6     | 24    | 3.1 | 44    | 19                           | 93                        | 6.0  | W  |  |
| SEPTIEMBRE  | 89.9             | 4.2             | 29  | 7                             | 4.0                                     | 3     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 0.0 | 0 | 2.9 | 19      | 3.4     | 14    | 2.8 | 47    | 17                           | 90                        | 6.0  | SW |  |
| OCTUBRE     | 87.9             | 4.3             | 12  | 7                             | 3.7                                     | 3     | 0.0 | 0 | 2.0   | 2 | 0.0 | 0     | 0.0 | 0 | 2.8 | 23      | 3.3     | 9     | 2.9 | 41    | 23                           | 93                        | 4.0  | NW |  |
| NOVIEMBRE   | 94.7             | 4.2             | 18  | 7                             | 3.6                                     | 6     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 0.0 | 0 | 2.7 | 17      | 3.3     | 18    | 2.7 | 37    | 23                           | 90                        | 4.0  | NW |  |
| DICIEMBRE   | 113.0            | 4.2             | 2   | 6                             | 5.0                                     | 2     | 0.0 | 0 | 2.0   | 1 | 0.0 | 0     | 0.0 | 0 | 2.4 | 15      | 2.7     | 18    | 2.7 | 38    | 26                           | 93                        | 6.0  | NW |  |
| VALOR ANUAL | 1244.4           | 5.6             |     | 6                             |   |       |     |   |       |   |     |       |     |   |     |         |         |       |     |       |                              |                           |      |    |  |



M218 INGENIO SAN CARLOS INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |        |             |        |        | HUMEDAD RELATIVA (%) |     |        |      |        | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |       | Número de días con precipitación |         |
|-------------|-----------------------|---------------------------------------|------|--------|-------------|--------|--------|----------------------|-----|--------|------|--------|------------------------|---------------------------|-------------------|-----------------|-------|----------------------------------|---------|
|             |                       | ABSOLUTAS                             |      |        | M E D I A S |        |        | Máxima               | día | Mínima | día  | Media  |                        |                           | Mensual           | Máxima en 24hrs | día   |                                  |         |
|             |                       | Máxima                                | día  | Mínima | día         | Máxima | Mínima |                      |     |        |      |        |                        |                           |                   |                 |       |                                  | Mensual |
| ENERO       | 63.5                  | 34.8                                  | 27   | 22.6   | 13          | 32.1   | 24.0   | 27.7                 | 99  | 13     | 59   | 27     | 83                     | 24.4                      | 30.6              | 762.7           | 95.1  | 24                               | 26      |
| FEBRERO     | 76.5                  | 36.0                                  | 25   | 22.4   | 10          | 32.8   | 23.9   | 27.9                 | 100 | 8      | 59   | 27     | 83                     | 24.5                      | 30.8              | 1085.4          | 280.5 | 21                               | 22      |
| MARZO       | 111.7                 | 35.6                                  | 24   | 21.4   | 24          | 33.0   | 23.6   | 27.7                 | 100 | 5      | 52   | 24     | 84                     | 24.5                      | 30.8              | 662.8           | 78.2  | 16                               | 27      |
| ABRIL       | 105.4                 | 35.0                                  | 16   | 22.1   | 26          | 32.8   | 23.3   | 27.7                 | 100 | 6      | 62   | 7      | 84                     | 24.5                      | 30.7              | 1123.2          | 130.9 | 29                               | 29      |
| MAYO        | 84.2                  | 34.2                                  | 16   | 20.9   | 27          | 31.9   | 23.2   | 27.5                 | 100 | 9      | 64   | 11     | 84                     | 24.4                      | 30.6              | 603.0           | 122.3 | 26                               | 24      |
| JUNIO       | 67.5                  | 33.7                                  | 30   | 19.8   | 3           | 30.7   | 22.0   | 26.4                 | 99  | 3      | 60   | 22     | 85                     | 23.5                      | 28.9              | 275.7           | 116.9 | 7                                | 16      |
| JULIO       | 55.8                  | 32.2                                  | 1    | 19.5   | 24          | 29.8   | 21.5   | 25.5                 | 99  | 19     | 63   | 7      | 84                     | 22.5                      | 27.3              | 79.8            | 30.1  | 7                                | 16      |
| AGOSTO      | 34.1                  | 32.4                                  | 28   | 19.2   | 11          | 29.3   | 20.5   | 24.7                 | 99  | 9      | 63   | 12     | 83                     | 21.5                      | 25.7              | 1.1             | 0.5   | 5                                | 3       |
| SEPTIEMBRE  | 38.1                  | 34.0                                  | 7    | 19.8   | 7           | 29.2   | 20.6   | 24.8                 | 99  | 14     | 57   | 7      | 82                     | 21.3                      | 25.3              | 1.3             | 0.5   | 2                                | 4       |
| OCTUBRE     | 34.8                  | 32.8                                  | 2    | 18.5   | 20          | 28.5   | 20.2   | 24.4                 | 97  | 3      | 61   | 12     | 81                     | 20.8                      | 24.6              | 2.5             | 2.5   | 24                               | 1       |
| NOVIEMBRE   | 31.5                  | 34.8                                  | 18   | 19.4   | 11          | 28.9   | 20.7   | 24.7                 | 99  | 5      | 60   | 18     | 82                     | 21.2                      | 25.2              | 0.7             | 0.3   | 9                                | 3       |
| DICIEMBRE   | 71.4                  | 32.9                                  | 7    | 19.8   | 5           | 30.2   | 21.3   | 25.5                 | 99  | 16     | 50   | 7      | 78                     | 21.2                      | 25.2              | 148.6           | 106.9 | 18                               | 6       |
| VALOR ANUAL | 774.5                 | 36.0                                  | 18.5 | 30.7   | 22.0        | 26.2   | 100    | 50                   | 82  | 22.8   | 27.9 | 4746.8 | 280.5                  |                           |                   |                 |       |                                  |         |

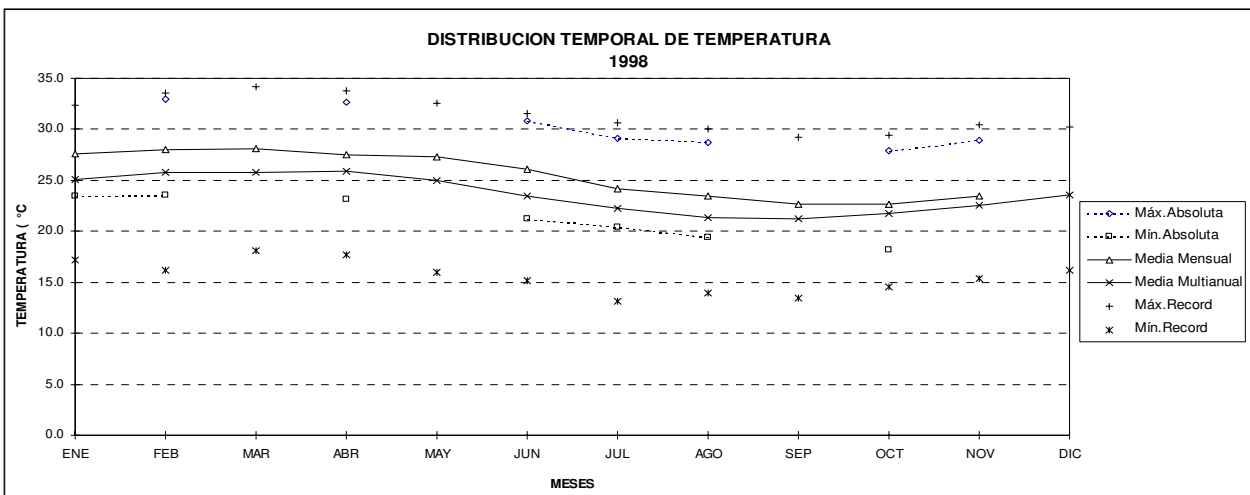
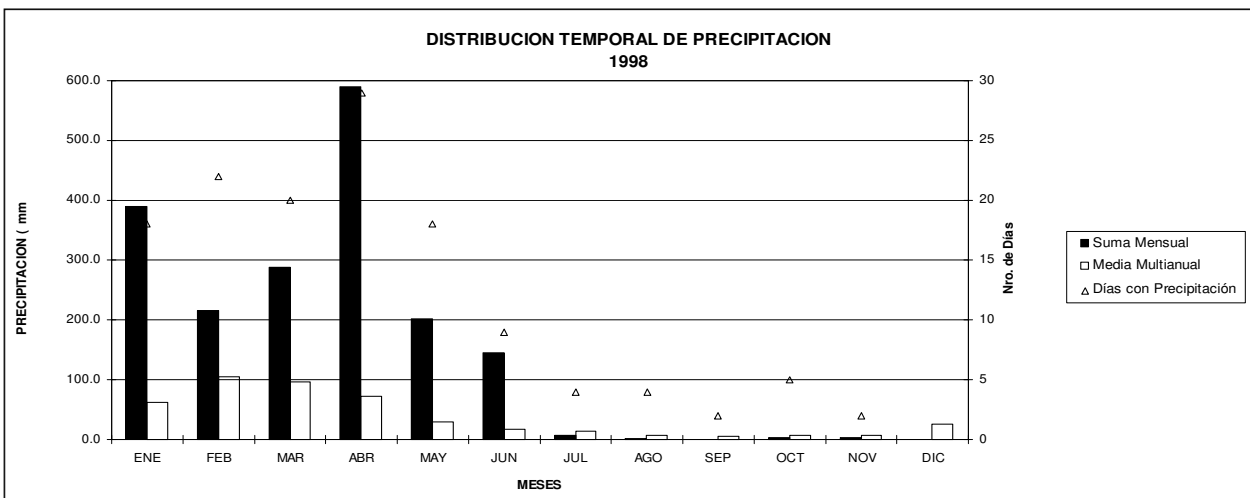
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |      |       |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------------------------------|---------------------------|---------|---------|------|-------|-----|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |                                  |                           | CALMA % | Nro OBS |      |       |     |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                                  |                           |         |         | %    | (m/s) | %   |
| ENERO       | 103.4            | 5.6             | 31  | 7                             | 2.9                                     | 37    | 3.1 | 25    | 0.0 | 0     | 0.0 | 0     | 1.0 | 1     | 1.0 | 1     | 1.3 | 4     | 3.2                              | 20                        | 12      | 93      | 11.0 | NE    | 2.4 |
| FEBRERO     | 97.0             | 5.2             | 15  | 7                             | 2.7                                     | 43    | 3.1 | 25    | 3.0 | 5     | 0.0 | 0     | 2.0 | 2     | 1.3 | 4     | 0.0 | 0     | 4.0                              | 17                        | 5       | 84      | 12.0 | NE    | 2.9 |
| MARZO       | 121.6            | 9.6             | 5   | 7                             | 3.6                                     | 32    | 4.1 | 31    | 1.5 | 18    | 3.3 | 4     | 5.5 | 2     | 2.3 | 4     | 1.0 | 1     | 1.7                              | 3                         | 3       | 93      | 12.0 | NE    | 2.9 |
| ABRIL       | 116.5            | 8.0             | 21  | 7                             | 2.1                                     | 33    | 2.7 | 41    | 1.0 | 1     | 1.0 | 2     | 4.0 | 1     | 1.0 | 4     | 3.5 | 2     | 1.6                              | 12                        | 2       | 90      | 9.0  | NE    | 2.8 |
| MAYO        | 107.7            | 5.4             | 1   | 7                             | 2.0                                     | 22    | 3.4 | 9     | 0.0 | 0     | 1.0 | 1     | 1.7 | 12    | 1.0 | 2     | 1.5 | 19    | 3.1                              | 31                        | 4       | 93      | 9.0  | NW    | 2.3 |
| JUNIO       | 90.8             | 5.2             | 30  | 7                             | 1.7                                     | 41    | 2.5 | 2     | 0.0 | 0     | 2.5 | 19    | 1.0 | 1     | 4.0 | 1     | 2.3 | 23    | 3.3                              | 8                         | 4       | 90      | 7.0  | NW    | 1.9 |
| JULIO       | 95.5             | 5.6             | 1   | 7                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 2.0 | 39    | 2.4 | 58    | 0.0                              | 0                         | 3       | 93      | 9.0  | W     | 2.1 |
| AGOSTO      | 86.0             | 4.2             | 11  | 6                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 3.0 | 1     | 2.2 | 74    | 2.6 | 22    | 0.0                              | 0                         | 3       | 93      | 8.0  | SW    | 2.4 |
| SEPTIEMBRE  | 86.8             | 4.9             | 7   | 7                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 3.0 | 1     | 2.4 | 17    | 2.2 | 69    | 2.5 | 4     | 0.0                              | 0                         | 9       | 90      | 6.0  | SW    | 2.8 |
| OCTUBRE     | 82.6             | 6.3             | 24  | 7                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 3.0 | 3     | 2.1 | 10    | 2.0 | 66    | 1.8 | 5     | 2.6                              | 10                        | 7       | 93      | 7.0  | SW    | 3.0 |
| NOVIEMBRE   | 86.8             | 5.4             | 18  | 7                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 1.9 | 10    | 1.8 | 42    | 1.5 | 19    | 1.8                              | 26                        | 3       | 90      | 6.0  | SW    | 2.6 |
| DICIEMBRE   | 93.6             | 5.5             | 2   | 6                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 2.0 | 8     | 0.0 | 0     | 1.6 | 70    | 1.4 | 17    | 0.0                              | 0                         | 5       | 93      | 6.0  | SW    | 2.2 |
| VALOR ANUAL | 1168.3           | 9.6             | 6   | 6                             | 1.2                                     | 17    | 1.5 | 11    | 0.4 | 2     | 1.3 | 3     | 2.0 | 4     | 1.8 | 31    | 1.8 | 14    | 1.7                              | 10                        | 5       |         | 12.0 | NE    | 2.5 |



M221 SAN CRISTOBAL-GALAPAGOS INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |             |      |         | HUMEDAD RELATIVA (%) |      |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |       | Número de días con precipitación |    |    |
|-------------|-----------------------|---------------------------------------|------|-------------|------|---------|----------------------|------|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-------|----------------------------------|----|----|
|             |                       | ABSOLUTAS                             |      | M E D I A S |      |         | Máxima               | día  | Mínima | día | Media |                        |                           | Suma              | Máxima en 24hrs | día   |                                  |    |    |
|             |                       | Máxima                                | día  | Mínima      | día  | Mensual |                      |      |        |     |       |                        |                           |                   |                 |       |                                  |    |    |
| ENERO       | 173.2                 |                                       | 23.5 | 31          | 31.4 | 24.6    | 27.6                 | 98   | 4      | 63  | 2     | 87                     | 25.2                      | 32.1              | 389.4           | 85.4  | 4                                | 18 |    |
| FEBRERO     | 146.0                 | 33.0                                  | 3    | 23.6        | 2    | 31.7    | 25.0                 | 28.0 | 97     | 17  | 72    | 15                     | 88                        | 25.7              | 33.0            | 215.0 | 37.2                             | 22 | 22 |
| MARZO       | 161.9                 |                                       |      |             | 31.8 | 25.1    | 28.1                 | 98   | 3      | 58  | 4     | 88                     | 25.9                      | 33.6              | 288.6           | 80.9  | 9                                | 20 |    |
| ABRIL       | 103.8                 | 32.7                                  | 6    | 23.2        | 6    | 31.1    | 25.2                 | 27.5 | 98     | 10  | 77    | 4                      | 92                        | 26.1              | 33.8            | 589.7 | 213.5                            | 14 | 29 |
| MAYO        | 200.9                 |                                       |      |             | 30.5 | 25.0    | 27.3                 | 98   | 10     | 68  | 25    | 86                     | 24.7                      | 31.1              | 201.0           | 56.7  | 20                               | 18 |    |
| JUNIO       | 235.5                 | 30.9                                  | 1    | 21.2        | 28   | 29.6    | 23.7                 | 26.1 | 98     | 3   | 62    | 20                     | 84                        | 23.0              | 28.2            | 144.5 | 75.7                             | 3  | 9  |
| JULIO       | 247.7                 | 29.1                                  | 1    | 20.4        | 29   | 27.6    | 21.8                 | 24.2 | 98     | 29  | 68    | 15                     | 85                        | 21.4              | 25.5            | 6.3   | 5.0                              | 29 | 4  |
| AGOSTO      | 235.6                 | 28.7                                  | 4    | 19.4        | 9    | 27.4    | 20.9                 | 23.5 | 98     | 20  | 67    | 28                     | 84                        | 20.6              | 24.3            | 2.3   | 1.2                              | 13 | 4  |
| SEPTIEMBRE  | 225.6                 |                                       |      |             | 26.7 | 20.3    | 22.7                 | 98   | 29     | 65  | 5     | 83                     | 19.6                      | 22.8              | 0.6             | 0.5   | 19                               | 2  |    |
| OCTUBRE     | 216.1                 | 27.9                                  | 31   | 18.2        | 21   | 26.7    | 19.9                 | 22.7 | 98     | 10  | 63    | 10                     | 83                        | 19.6              | 22.8            | 3.5   | 2.3                              | 12 | 5  |
| NOVIEMBRE   | 215.9                 | 28.9                                  | 3    |             | 27.5 | 20.9    | 23.5                 | 97   | 9      | 65  | 14    | 81                     | 19.9                      | 23.2              | 2.7             | 1.5   | 27                               | 2  |    |
| DICIEMBRE   | 265.3                 |                                       |      |             |      |         |                      |      |        |     |       |                        |                           |                   |                 |       |                                  |    |    |
| VALOR ANUAL | 2427.5                |                                       |      |             |      |         |                      |      |        |     |       |                        |                           |                   |                 |       |                                  |    |    |

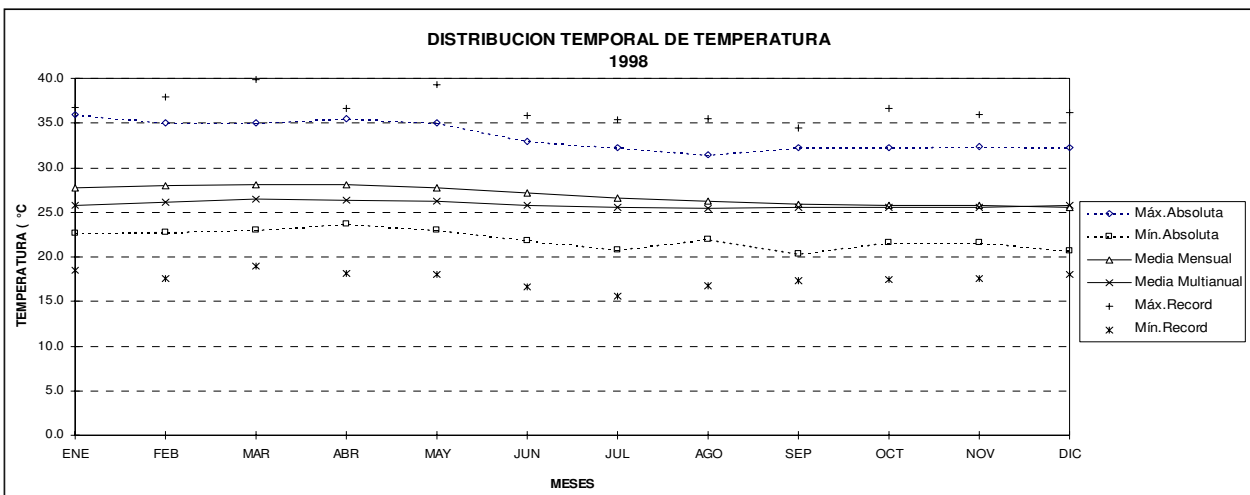
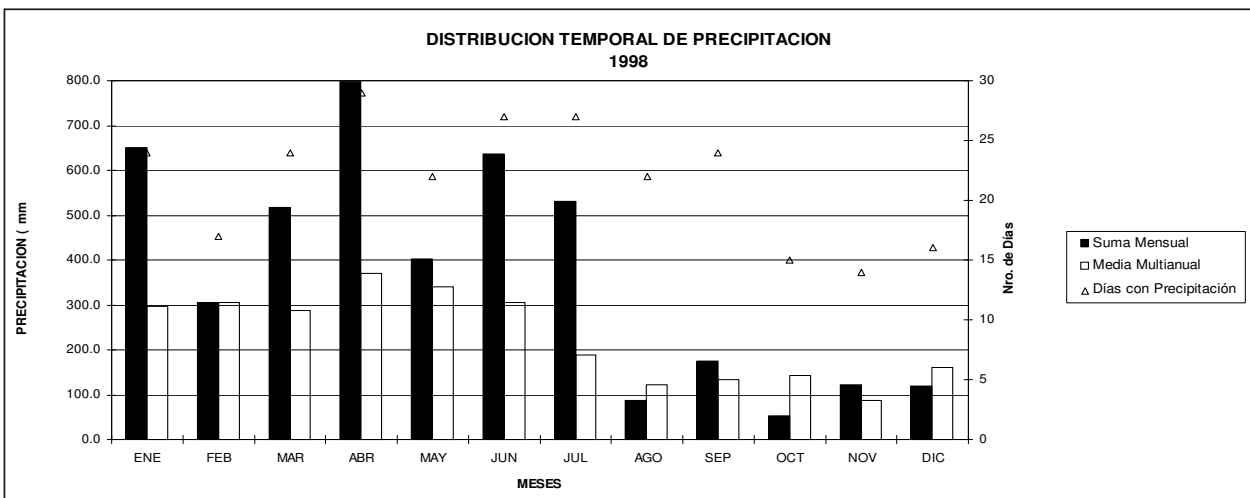
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |       |      |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---------|----------------------------------|---------------------------|---------|-------|------|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA % |                                  |                           | Nro OBS |       |      |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   |         |                                  |                           |         | (m/s) | %    |
| ENERO       |                  |                 |     | 6                             | 2.3                                     | 12    | 2.5 | 13    | 1.7 | 3     | 1.9 | 10    | 2.2 | 13    | 1.5 | 2     | 1.0 | 1     | 0.0 | 0       | 46                               | 93                        | 5.0     | NE    | 2.7  |
| FEBRERO     |                  |                 |     | 6                             | 2.4                                     | 12    | 1.8 | 14    | 2.0 | 1     | 2.4 | 8     | 2.0 | 1     | 3.5 | 7     | 2.8 | 13    | 3.5 | 5       | 38                               | 84                        | 8.0     | NW    | 3.3  |
| MARZO       |                  |                 |     | 6                             | 2.0                                     | 12    | 2.5 | 7     | 2.6 | 8     | 1.7 | 20    | 2.0 | 14    | 2.0 | 3     | 1.3 | 3     | 1.3 | 3       | 30                               | 93                        | 4.0     | S     | 2.6  |
| ABRIL       |                  |                 |     | 7                             | 1.7                                     | 3     | 2.8 | 4     | 2.4 | 6     | 2.3 | 21    | 2.5 | 11    | 2.9 | 9     | 1.9 | 8     | 2.5 | 2       | 36                               | 90                        | 6.0     | SE    | 2.6  |
| MAYO        |                  |                 |     | 6                             | 0.0                                     | 0     | 3.0 | 1     | 1.0 | 1     | 4.2 | 48    | 3.6 | 37    | 3.5 | 2     | 2.0 | 2     | 3.0 | 1       | 8                                | 93                        | 8.0     | SE    | 5.5  |
| JUNIO       |                  |                 |     | 6                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 4.6 | 59    | 4.0 | 39    | 5.0 | 1     | 0.0 | 0     | 0.0 | 0       | 1                                | 90                        | 8.0     | SE    | 6.6  |
| JULIO       |                  |                 |     | 5                             | 0.0                                     | 0     | 0.0 | 0     | 6.0 | 1     | 4.3 | 61    | 4.5 | 37    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0       | 1                                | 93                        | 8.0     | SE    | 7.1  |
| AGOSTO      |                  |                 |     | 5                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 5.0 | 76    | 5.4 | 23    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0       | 1                                | 93                        | 10.0    | S     | 7.6  |
| SEPTIEMBRE  |                  |                 |     | 6                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 5.0 | 88    | 4.6 | 12    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0       | 0                                | 90                        | 10.0    | SE    | 8.2  |
| OCTUBRE     |                  |                 |     | 5                             | 0.0                                     | 0     | 0.0 | 0     | 3.0 | 1     | 4.3 | 60    | 4.6 | 37    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0       | 2                                | 93                        | 12.0    | S     | 16.1 |
| NOVIEMBRE   |                  |                 |     | 5                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 4.7 | 67    | 4.3 | 32    | 0.0 | 0     | 0.0 | 0     | 0.0 | 0       | 1                                | 90                        | 10.0    | SE    | 8.1  |
| DICIEMBRE   |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |      |
| VALOR ANUAL |                  |                 |     |                               |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |      |



M224 **SAN LORENZO** INOCAR

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |        |         |      | HUMEDAD RELATIVA (%) |     |        |     | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                    | Número<br>de días con<br>precipitación |     |
|-------------|-----------------------|---------------------------------------|-----|-------------|--------|---------|------|----------------------|-----|--------|-----|---------------------------|------------------------------|-------------------|---------|--------------------|--|-----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |        |         |      | Máxima               | día | Mínima | día |                           |                              | Media             | Mensual | Máxima en<br>24hrs |  | día |
|             |                       | Máxima                                | día | Máxima      | Mínima | Mensual |      |                      |     |        |     |                           |                              |                   |         |                    |  |     |
| ENERO       |                       | 36.0                                  | 31  | 22.7        | 6      | 32.3    | 24.4 | 27.8                 |     |        |     |                           | 650.2                        | 150.5             | 5       | 24                 |  |     |
| FEBRERO     |                       | 35.0                                  | 1   | 22.8        | 9      | 32.9    | 24.5 | 28.0                 |     |        |     |                           | 306.1                        | 66.4              | 7       | 17                 |  |     |
| MARZO       |                       | 35.0                                  | 8   | 23.0        | 8      | 33.2    | 24.7 | 28.1                 |     |        |     |                           | 516.8                        | 136.5             | 19      | 24                 |  |     |
| ABRIL       |                       | 35.5                                  | 7   | 23.7        | 20     | 33.3    | 24.4 | 28.1                 |     |        |     |                           | 798.1                        | 129.6             | 14      | 29                 |  |     |
| MAYO        |                       | 35.0                                  | 19  | 23.0        | 5      | 32.3    | 24.4 | 27.8                 |     |        |     |                           | 402.0                        | 72.0              | 9       | 22                 |  |     |
| JUNIO       |                       | 33.0                                  | 1   | 21.9        | 22     | 31.7    | 23.7 | 27.2                 |     |        |     |                           | 637.1                        | 84.6              | 11      | 27                 |  |     |
| JULIO       |                       | 32.2                                  | 1   | 20.8        | 25     | 31.2    | 23.1 | 26.6                 |     |        |     |                           | 530.4                        | 83.7              | 23      | 27                 |  |     |
| AGOSTO      |                       | 31.5                                  | 2   | 22.0        | 15     | 30.1    | 23.3 | 26.2                 |     |        |     |                           | 87.5                         | 12.2              | 10      | 22                 |  |     |
| SEPTIEMBRE  |                       | 32.2                                  | 5   | 20.3        | 11     | 29.9    | 22.9 | 25.9                 |     |        |     |                           | 175.4                        | 59.8              | 5       | 24                 |  |     |
| OCTUBRE     |                       | 32.2                                  | 2   | 21.6        | 24     | 30.0    | 23.0 | 25.8                 |     |        |     |                           | 53.9                         | 19.2              | 5       | 15                 |  |     |
| NOVIEMBRE   |                       | 32.4                                  | 28  | 21.6        | 13     | 30.0    | 22.8 | 25.8                 |     |        |     |                           | 121.1                        | 29.6              | 5       | 14                 |  |     |
| DICIEMBRE   |                       | 32.2                                  | 23  | 20.7        | 7      | 30.2    | 22.6 | 25.6                 |     |        |     |                           | 118.5                        | 56.8              | 17      | 16                 |  |     |
| VALOR ANUAL |                       | 36.0                                  |     | 20.3        |        | 31.4    | 23.6 | 26.9                 |     |        |     |                           | 4397.1                       | 150.5             |         |                    |  |     |

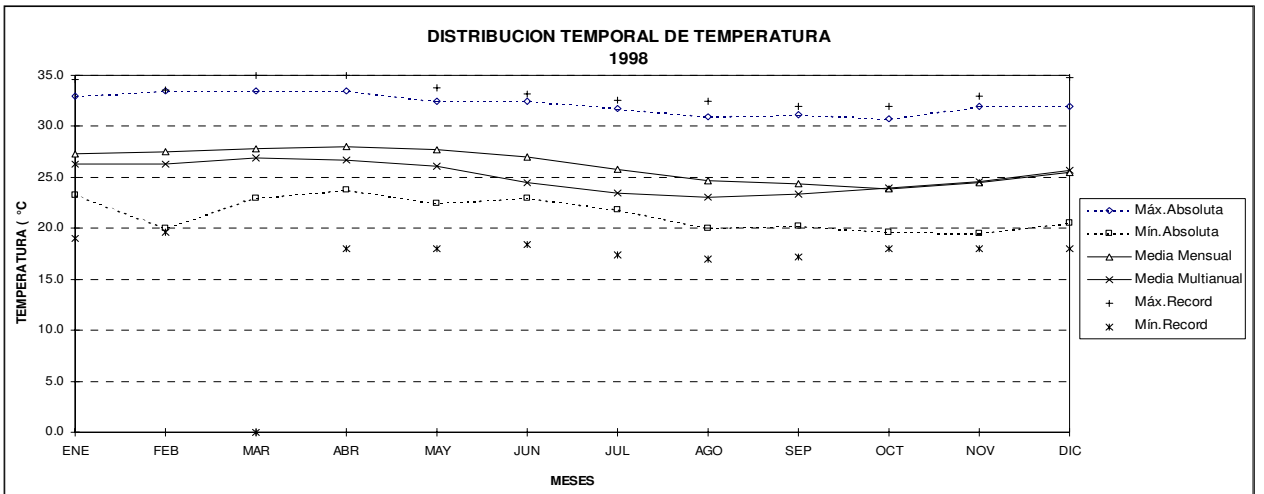
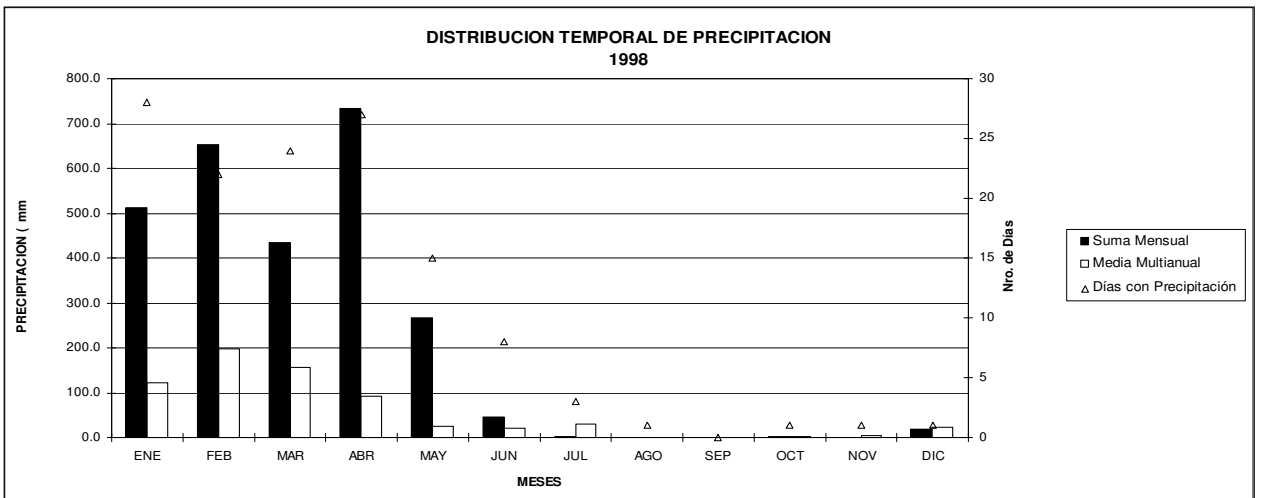
| MES         | EVAPORACION (mm) |                    |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |    |     |            |            |       | Vel Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |    |       |     |    |
|-------------|------------------|--------------------|-----|-------------------------------|---|-------|-----|---|-------|---|-----|-------|-----|----|-----|------------|------------|-------|---------------------------------|------------------------------|----|-------|-----|----|
|             | Suma<br>Mensual  | Máxima en<br>24hrs | día |                               | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W  | NW  | CALMA<br>% | Nro<br>OBS |       |                                 |                              |    |       |     |    |
|             |                  |                    |     |                               |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |    |     |            |            | (m/s) |                                 |                              | %  | (m/s) | %   |    |
| ENERO       | 51.0             | 3.6                | 31  | 7                             | 1.5                                     | 7     | 2.4 | 5 | 1.5   | 2 | 0.0 | 0     | 1.7 | 3  | 2.2 | 7          | 2.0        | 1     | 2.0                             | 51                           | 25 | 93    | 4.0 | NW |
| FEBRERO     | 64.7             | 3.7                | 15  | 7                             | 1.9                                     | 12    | 0.0 | 0 | 0.0   | 0 | 2.3 | 4     | 2.0 | 1  | 1.8 | 6          | 2.5        | 5     | 2.2                             | 43                           | 30 | 84    | 4.0 | NW |
| MARZO       | 69.2             | 3.7                | 8   | 7                             | 2.3                                     | 10    | 0.0 | 0 | 1.5   | 7 | 1.0 | 3     | 1.3 | 4  | 2.0 | 4          | 2.8        | 5     | 2.3                             | 43                           | 24 | 93    | 4.0 | NW |
| ABRIL       | 51.4             | 2.7                | 4   | 7                             | 2.9                                     | 9     | 2.0 | 1 | 1.3   | 3 | 2.0 | 4     | 1.5 | 13 | 1.5 | 12         | 2.3        | 10    | 1.8                             | 27                           | 20 | 90    | 4.0 | N  |
| MAYO        | 35.8             | 1.9                | 21  | 7                             | 2.0                                     | 1     | 0.0 | 0 | 2.0   | 1 | 1.0 | 1     | 1.7 | 7  | 1.8 | 9          | 2.0        | 11    | 1.9                             | 40                           | 31 | 93    | 4.0 | W  |
| JUNIO       | 41.3             | 2.5                | 12  | 7                             | 1.0                                     | 1     | 3.0 | 1 | 2.0   | 1 | 0.0 | 0     | 1.5 | 2  | 2.3 | 20         | 2.2        | 10    | 1.9                             | 39                           | 26 | 90    | 4.0 | NW |
| JULIO       | 50.8             | 2.7                | 10  | 7                             | 2.0                                     | 3     | 2.0 | 2 | 3.0   | 1 | 1.0 | 1     | 1.7 | 3  | 1.1 | 8          | 2.4        | 9     | 2.1                             | 47                           | 26 | 93    | 4.0 | NW |
| AGOSTO      | 52.1             | 4.6                | 29  | 8                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 1.5 | 4  | 2.2 | 11         | 2.4        | 15    | 2.0                             | 54                           | 16 | 93    | 5.0 | NW |
| SEPTIEMBRE  | 57.2             | 3.1                | 1   | 8                             | 1.5                                     | 2     | 0.0 | 0 | 0.0   | 0 | 2.0 | 1     | 2.0 | 1  | 1.6 | 6          | 1.9        | 21    | 2.1                             | 60                           | 9  | 90    | 4.0 | NW |
| OCTUBRE     | 69.1             | 4.2                | 24  | 8                             | 2.2                                     | 5     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 0.0 | 0  | 2.8 | 4          | 2.3        | 26    | 2.5                             | 51                           | 14 | 93    | 4.0 | W  |
| NOVIEMBRE   | 37.8             | 2.8                | 30  | 7                             | 3.0                                     | 1     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 0.0 | 0  | 1.7 | 3          | 1.9        | 29    | 2.4                             | 50                           | 17 | 90    | 4.0 | NW |
| DICIEMBRE   | 58.4             | 3.5                | 3   | 7                             | 2.4                                     | 5     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0     | 0.0 | 0  | 2.0 | 4          | 2.4        | 13    | 2.3                             | 63                           | 14 | 93    | 4.0 | NW |
| VALOR ANUAL | 638.8            | 4.6                |     | 7                             | 1.8                                     | 4     | 0.7 | 0 | 0.9   | 1 | 0.7 | 1     | 1.2 | 3  | 1.9 | 7          | 2.2        | 12    | 2.1                             | 47                           | 21 |       | 5.0 | NW |



M228 PUNA INOCAR

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         |      | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         |      | Máxima día           | Mínima día | Media | Mensual |                        |                           | Mensual           | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |      |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| ENERO       |                       | 33.0                                  | 3      | 23.3        | 26     | 31.1    | 24.3 | 27.3                 |            |       |         |                        |                           | 512.1             | 62.7            | 29  | 28                               |
| FEBRERO     |                       | 33.5                                  | 28     | 20.0        | 20     | 31.4    | 24.3 | 27.5                 |            |       |         |                        |                           | 652.6             | 87.9            | 8   | 22                               |
| MARZO       |                       | 33.5                                  | 5      | 23.0        | 22     | 31.6    | 24.6 | 27.8                 |            |       |         |                        |                           | 435.1             | 97.7            | 16  | 24                               |
| ABRIL       |                       | 33.5                                  | 16     | 23.8        | 12     | 31.9    | 24.6 | 28.0                 |            |       |         |                        |                           | 733.4             | 88.1            | 11  | 27                               |
| MAYO        |                       | 32.5                                  | 20     | 22.5        | 27     | 31.3    | 24.7 | 27.7                 |            |       |         |                        |                           | 265.8             | 53.6            | 8   | 15                               |
| JUNIO       |                       | 32.5                                  | 3      | 23.0        | 17     | 30.7    | 24.2 | 27.0                 |            |       |         |                        |                           | 45.5              | 25.2            | 8   | 8                                |
| JULIO       |                       | 31.8                                  | 1      | 21.8        | 30     | 29.1    | 23.3 | 25.8                 |            |       |         |                        |                           | 1.7               | 0.8             | 9   | 3                                |
| AGOSTO      |                       | 31.0                                  | 11     | 20.0        | 11     | 28.5    | 21.8 | 24.7                 |            |       |         |                        |                           | 0.6               | 0.6             | 1   | 1                                |
| SEPTIEMBRE  |                       | 31.2                                  | 7      | 20.2        | 8      | 28.2    | 21.3 | 24.4                 |            |       |         |                        |                           | 0.0               | 0.0             | 1   | 0                                |
| OCTUBRE     |                       | 30.8                                  | 16     | 19.6        | 25     | 27.8    | 21.0 | 23.9                 |            |       |         |                        |                           | 1.6               | 1.6             | 24  | 1                                |
| NOVIEMBRE   |                       | 32.0                                  | 7      | 19.5        | 9      | 28.9    | 21.4 | 24.5                 |            |       |         |                        |                           | 0.5               | 0.5             | 13  | 1                                |
| DICIEMBRE   |                       | 32.0                                  | 25     | 20.5        | 11     | 29.7    | 22.2 | 25.5                 |            |       |         |                        |                           | 18.4              | 18.4            | 26  | 1                                |
| VALOR ANUAL |                       | 33.5                                  |        | 19.5        |        | 30.0    | 23.1 | 26.1                 |            |       |         |                        |                           | 2667.3            | 97.7            |     |                                  |

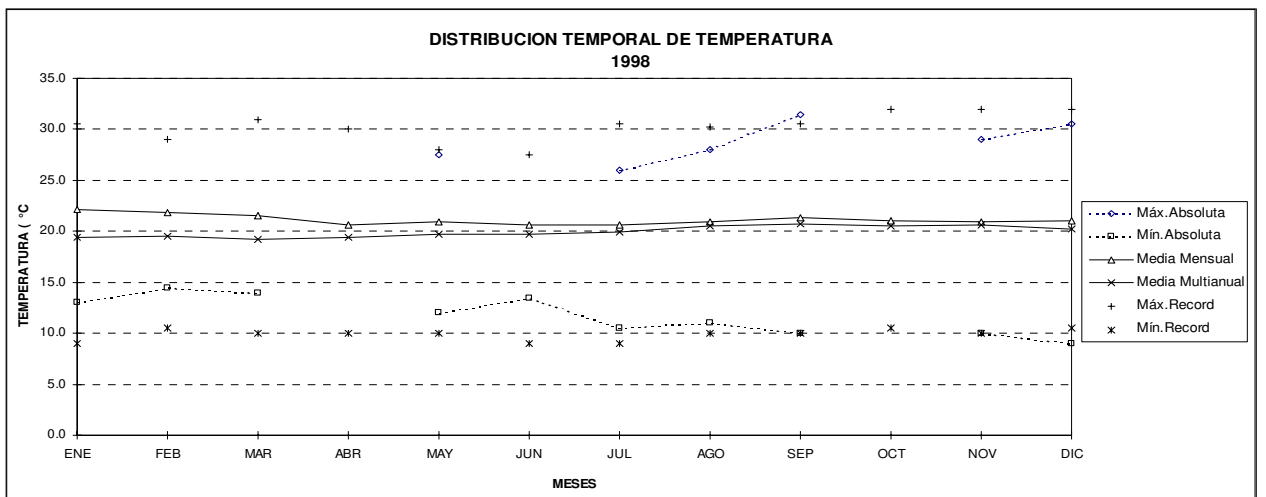
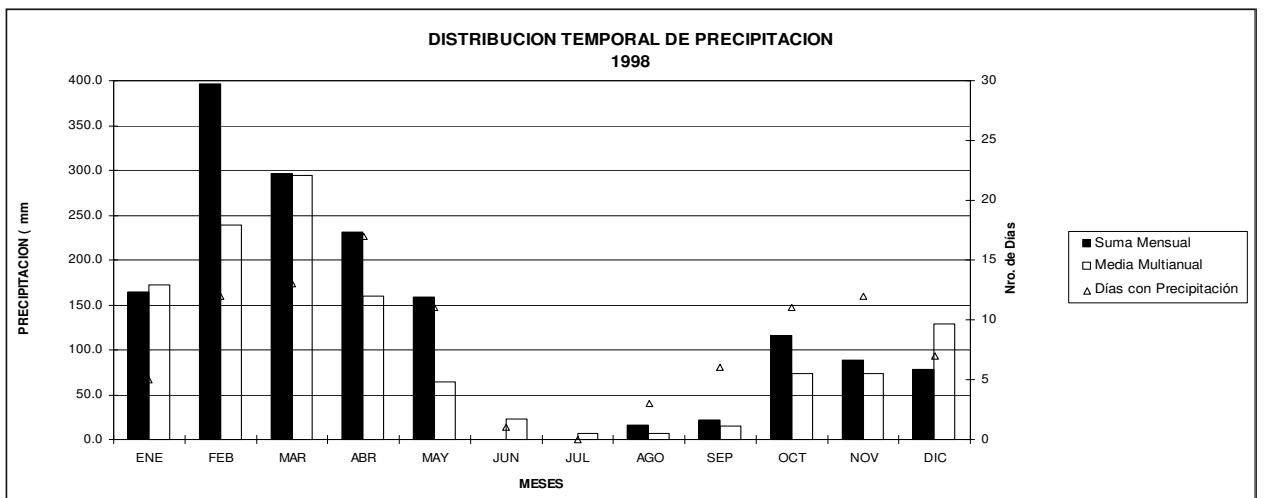
| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |       |
|-------------|------------------|-----------------|---------------|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---------|----------------------------------|---------------------------|---------|-------|
|             | Suma Mensual     | Máxima en 24hrs | Máxima en día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA % |                                  |                           | Nro OBS |       |
|             |                  |                 |               |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   |         |                                  |                           |         | (m/s) |
| ENERO       | 50.9             | 2.8             | 30            | 6                             | 2.6                                     | 37    | 2.6 | 15    | 2.7 | 3     | 0.0 | 0     | 2.8 | 4     | 3.0 | 5     | 3.1 | 16    | 3.4 | 17      | 2                                | 93                        | 6.0     | NW    |
| FEBRERO     | 52.0             | 2.7             | 28            | 6                             | 3.0                                     | 33    | 2.9 | 16    | 2.5 | 2     | 3.0 | 1     | 3.1 | 10    | 3.4 | 8     | 2.7 | 21    | 3.7 | 7       | 1                                | 84                        | 5.0     | W     |
| MARZO       | 57.1             | 3.0             | 21            | 6                             | 2.8                                     | 31    | 3.1 | 16    | 2.6 | 9     | 3.0 | 3     | 3.7 | 3     | 3.0 | 2     | 3.1 | 20    | 3.8 | 13      | 2                                | 93                        | 8.0     | NW    |
| ABRIL       | 52.6             | 2.4             | 7             | 6                             | 2.8                                     | 32    | 3.0 | 18    | 2.7 | 3     | 3.0 | 6     | 2.7 | 11    | 3.1 | 6     | 2.8 | 17    | 2.8 | 7       | 1                                | 90                        | 5.0     | NE    |
| MAYO        | 62.3             | 3.0             | 20            | 6                             | 2.8                                     | 26    | 4.0 | 12    | 3.0 | 8     | 3.0 | 2     | 3.2 | 3     | 3.3 | 4     | 2.9 | 27    | 3.7 | 16      | 2                                | 93                        | 14.0    | NE    |
| JUNIO       | 93.6             | 7.5             | 14            | 6                             | 2.9                                     | 16    | 2.6 | 10    | 3.0 | 1     | 0.0 | 0     | 2.4 | 6     | 2.7 | 7     | 2.7 | 43    | 2.5 | 17      | 1                                | 90                        | 5.0     | NW    |
| JULIO       | 66.6             | 3.3             | 17            | 7                             | 3.1                                     | 9     | 2.7 | 3     | 2.5 | 2     | 3.0 | 2     | 3.0 | 1     | 3.1 | 10    | 2.9 | 52    | 2.8 | 20      | 1                                | 93                        | 5.0     | NW    |
| AGOSTO      | 70.8             | 3.2             | 11            | 7                             | 3.1                                     | 19    | 4.4 | 5     | 4.0 | 2     | 2.5 | 2     | 4.0 | 2     | 4.1 | 9     | 3.5 | 43    | 2.6 | 17      | 0                                | 93                        | 6.0     | W     |
| SEPTIEMBRE  | 73.9             | 3.7             | 7             | 6                             | 3.2                                     | 18    | 3.7 | 7     | 2.5 | 2     | 3.0 | 1     | 3.6 | 6     | 4.0 | 6     | 3.0 | 44    | 3.0 | 16      | 1                                | 90                        | 6.5     | N     |
| OCTUBRE     | 75.4             | 3.8             | 26            | 7                             | 2.9                                     | 15    | 4.0 | 2     | 2.7 | 7     | 0.0 | 0     | 3.5 | 4     | 3.5 | 7     | 3.1 | 47    | 2.9 | 18      | 0                                | 93                        | 6.0     | W     |
| NOVIEMBRE   | 71.6             | 3.4             | 14            | 6                             | 3.2                                     | 18    | 3.3 | 8     | 3.0 | 3     | 2.5 | 2     | 2.0 | 4     | 3.8 | 6     | 3.4 | 42    | 3.0 | 17      | 0                                | 90                        | 6.0     | W     |
| DICIEMBRE   | 80.1             | 4.0             | 31            | 6                             | 2.9                                     | 25    | 3.2 | 14    | 2.5 | 2     | 0.0 | 0     | 3.0 | 2     | 4.0 | 4     | 3.3 | 31    | 3.1 | 22      | 0                                | 93                        | 5.0     | NW    |
| VALOR ANUAL | 806.9            | 7.5             |               | 6                             | 2.9                                     | 23    | 3.2 | 10    | 2.8 | 3     | 1.9 | 1     | 3.0 | 4     | 3.4 | 6     | 3.0 | 33    | 3.1 | 15      | 0                                |                           | 14.0    | NE    |



M241 **QUILANGA** PREDESUR

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |            |       |         |                 | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |    | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------------|-------|---------|-----------------|------------------------|---------------------------|-------------------|---------|----|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima día           | Mínima día | Media | Mensual | Máxima en 24hrs |                        |                           | Mínima en 24hrs   | Mensual |    |                                  |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |            |       |         |                 |                        |                           |                   |         |    |                                  |
| ENERO       |                       | 13.0                                  | 25     | 26.5        | 16.1   | 22.2    | 100                  | 5          | 54    | 31      | 88              | 20.1                   | 23.6                      | 164.1             | 84.0    | 7  | 5                                |
| FEBRERO     |                       | 14.5                                  | 11     | 25.6        | 16.2   | 21.8    |                      |            |       |         | 87              | 19.3                   | 22.5                      | 396.1             | 100.2   | 8  | 12                               |
| MARZO       |                       | 14.0                                  | 30     | 25.3        | 15.7   | 21.5    |                      |            |       |         | 88              | 19.4                   | 22.6                      | 296.3             | 64.0    | 1  | 13                               |
| ABRIL       |                       |                                       |        | 24.6        | 15.6   | 20.6    | 100                  | 13         | 71    | 14      | 91              | 19.1                   | 22.2                      | 230.8             | 44.0    | 12 | 17                               |
| MAYO        |                       | 27.5                                  | 20     | 12.0        | 27     | 24.3    | 98                   | 3          | 55    | 25      | 85              | 18.2                   | 21.1                      | 158.1             | 40.3    | 1  | 11                               |
| JUNIO       |                       |                                       |        | 13.5        | 24     | 24.1    | 98                   | 27         | 58    | 15      | 83              | 17.5                   | 20.1                      | 0.3               | 0.3     | 1  | 1                                |
| JULIO       |                       | 26.0                                  | 8      | 10.5        | 27     | 24.1    | 96                   | 4          | 60    | 14      | 82              | 17.4                   | 20.0                      | 0.0               | 0.0     | 1  | 0                                |
| AGOSTO      |                       | 28.0                                  | 25     | 11.0        | 9      | 25.5    | 98                   | 26         | 61    | 31      | 82              | 17.6                   | 20.3                      | 15.7              | 7.7     | 7  | 3                                |
| SEPTIEMBRE  |                       | 31.5                                  | 19     | 10.0        | 7      | 27.6    | 99                   | 8          | 59    | 19      | 84              | 18.3                   | 21.3                      | 21.3              | 12.0    | 8  | 6                                |
| OCTUBRE     |                       |                                       |        | 26.6        | 12.8   | 21.0    | 98                   | 20         | 51    | 4       | 83              | 17.9                   | 20.7                      | 116.4             | 32.0    | 25 | 11                               |
| NOVIEMBRE   |                       | 29.0                                  | 30     | 10.0        | 26     | 26.3    | 98                   | 22         | 49    | 20      | 86              | 18.4                   | 21.3                      | 88.8              | 24.5    | 9  | 12                               |
| DICIEMBRE   |                       | 30.5                                  | 8      | 9.0         | 4      | 27.1    |                      |            |       |         | 86              | 18.4                   | 21.5                      | 77.8              | 51.5    | 29 | 7                                |
| VALOR ANUAL |                       |                                       |        | 25.6        | 14.3   | 21.1    |                      |            |       |         | 85              | 18.4                   | 21.4                      | 1565.7            | 100.2   |    |                                  |

| MES         | EVAPORACION (mm) |                 |                 | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |   |   |       |   |   |       |   |   |    |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |
|-------------|------------------|-----------------|-----------------|-------------------------------|---|-------|---|---|-------|---|---|-------|---|---|----|---------|----------------------------------|---------------------------|---------|
|             | Suma Mensual     | Máxima en 24hrs | Mínima en 24hrs |                               | N                                       | NE    |   | E | SE    |   | S | SW    |   | W | NW | CALMA % |                                  |                           | Nro OBS |
|             |                  |                 |                 |                               |   | (m/s) | % |   | (m/s) | % |   | (m/s) | % |   |    |         |                                  |                           |         |
| ENERO       |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| FEBRERO     |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| MARZO       |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| ABRIL       |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| MAYO        |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| JUNIO       |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| JULIO       |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| AGOSTO      |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| SEPTIEMBRE  |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| OCTUBRE     |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| NOVIEMBRE   |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| DICIEMBRE   |                  |                 |                 |                               |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |
| VALOR ANUAL |                  |                 |                 | 4                             |   |       |   |   |       |   |   |       |   |   |    |         |                                  |                           |         |

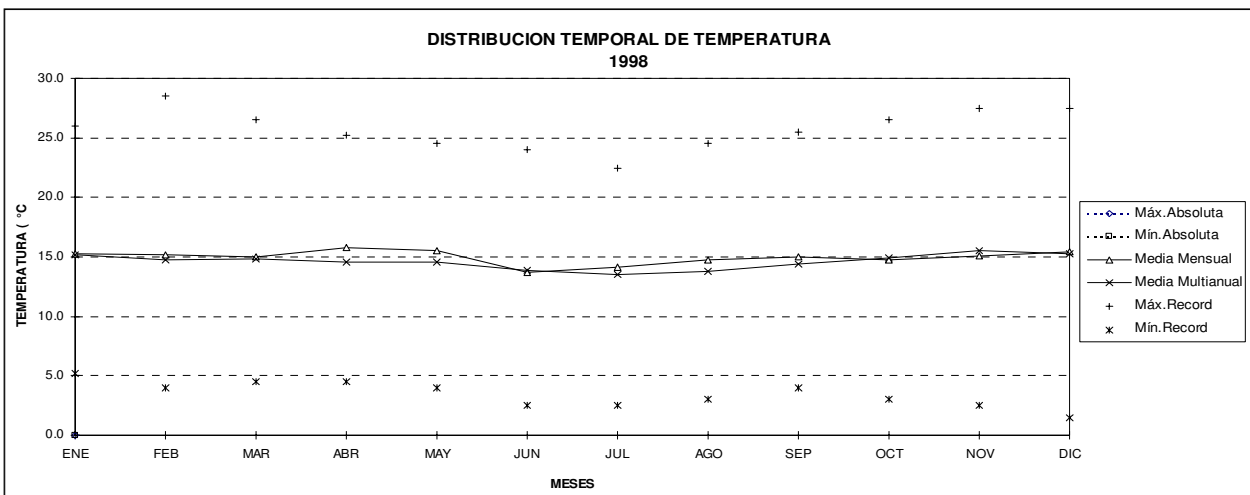
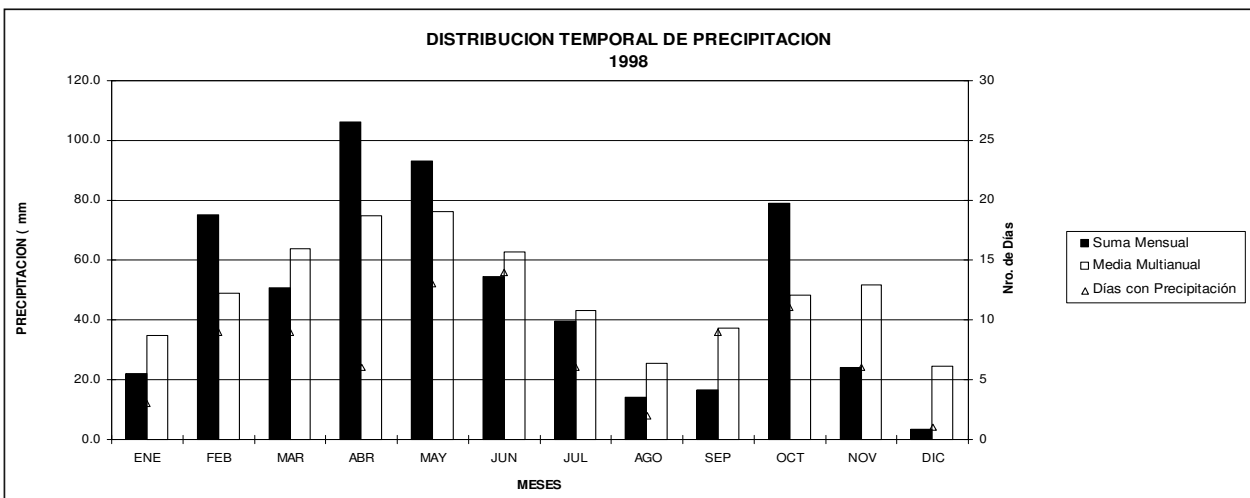




M243 PUNGALES INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                 | Número de días con precipitación |         |   |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|---------|-----------------|----------------------------------|---------|---|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        | Máxima día           | Mínima día | Media | Mensual |                        |                           | Máxima en 24hrs   | Mensual | Máxima en 24hrs |                                  |         |   |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima |                      |            |       |         |                        |                           |                   |         |                 |                                  | Mensual |   |
| ENERO       |                       |                                       |            | 21.3        | 11.5   | 15.3                 |            |       | 81      | 11.7                   | 13.8                      | 21.9              | 9.4     | 17              | 3                                |         |   |
| FEBRERO     |                       |                                       |            |             |        | 15.2                 |            |       | 85      | 12.4                   | 14.4                      | 75.1              | 24.2    | 8               | 9                                |         |   |
| MARZO       |                       |                                       |            | 18.5        | 11.8   | 15.0                 |            |       | 86      | 12.6                   | 14.6                      | 50.6              | 17.6    | 24              | 9                                |         |   |
| ABRIL       |                       |                                       |            | 21.1        | 11.9   | 15.8                 |            |       | 84      | 12.9                   | 14.9                      | 106.2             | 32.3    | 20              | 6                                |         |   |
| MAYO        |                       |                                       |            | 20.7        | 11.0   | 15.5                 |            |       | 86      | 12.9                   | 15.0                      | 93.2              | 21.5    | 2               | 13                               |         |   |
| JUNIO       |                       |                                       |            |             | 10.0   | 13.7                 |            |       | 87      | 11.5                   | 13.6                      | 54.6              | 17.2    | 18              | 14                               |         |   |
| JULIO       |                       |                                       |            |             | 10.7   | 14.1                 | 98         | 30    | 60      | 25                     | 87                        | 11.7              | 13.8    | 39.8            | 17.4                             | 10      | 6 |
| AGOSTO      |                       |                                       |            |             | 10.2   | 14.7                 |            |       | 83      | 11.5                   | 13.6                      | 14.3              | 13.7    | 5               | 2                                | 2       |   |
| SEPTIEMBRE  |                       |                                       |            |             | 9.8    | 15.0                 |            |       | 80      | 11.2                   | 13.4                      | 16.4              | 6.2     | 14              | 9                                | 9       |   |
| OCTUBRE     |                       |                                       |            |             | 10.3   | 14.7                 |            |       | 81      | 11.2                   | 13.3                      | 78.8              | 15.7    | 15              | 11                               | 11      |   |
| NOVIEMBRE   |                       |                                       |            |             | 11.3   | 15.1                 | 98         | 5     | 40      | 25                     | 81                        | 11.5              | 13.6    | 24.0            | 10.7                             | 23      | 6 |
| DICIEMBRE   |                       |                                       |            | 23.1        | 9.9    | 15.4                 |            |       | 79      | 11.1                   | 13.3                      | 3.3               | 3.3     | 30              | 1                                | 1       |   |
| VALOR ANUAL |                       |                                       |            |             |        | 14.9                 |            |       | 83      | 11.8                   | 13.9                      | 578.2             | 32.3    |                 |                                  |         |   |

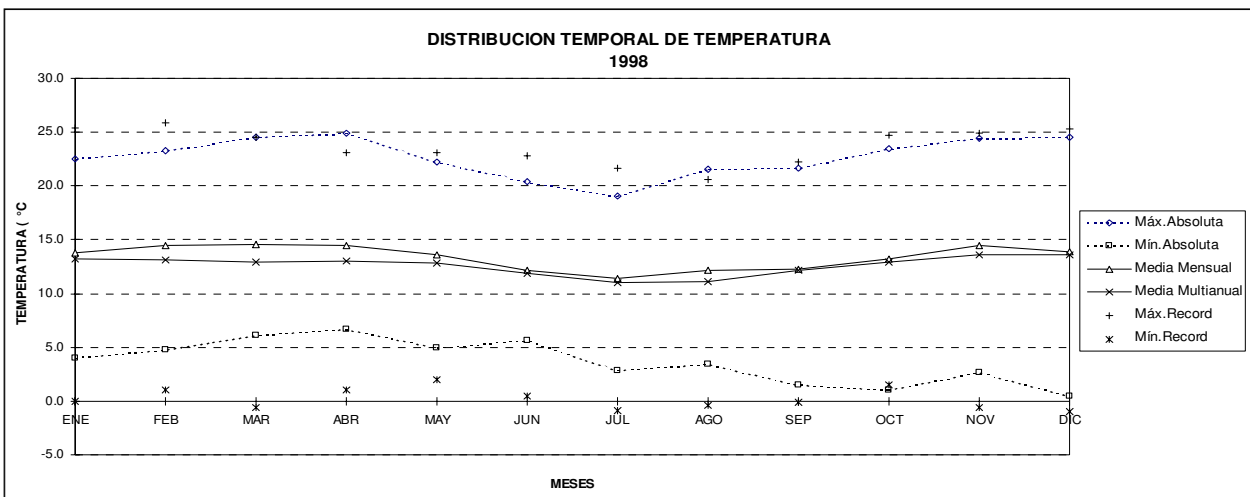
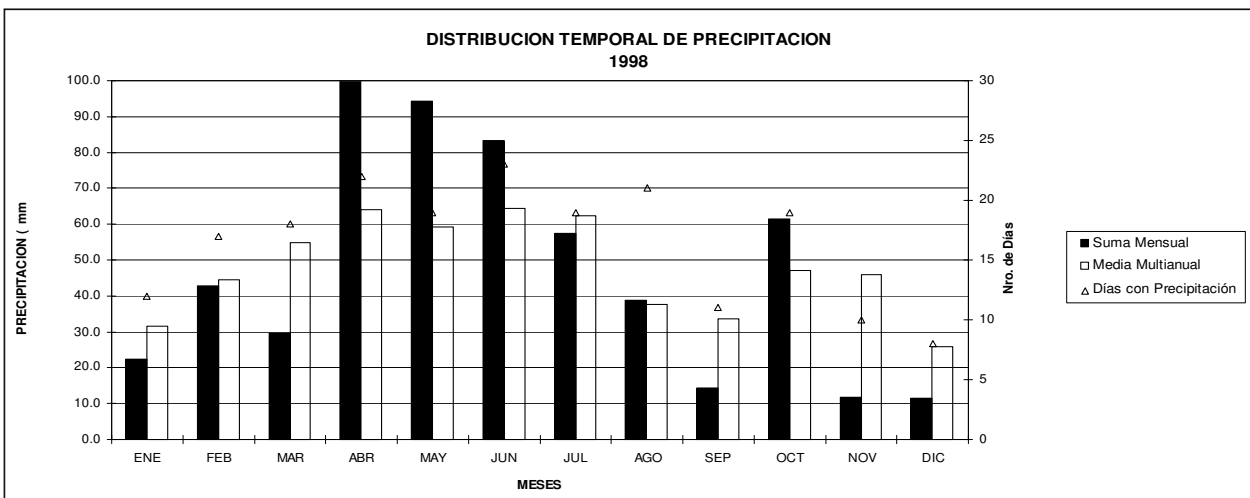
| MES         | EVAPORACION (mm) |                     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |       |    |       |    |       |    |       |         |       |   | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |       |    |      |   |  |
|-------------|------------------|---------------------|-------------------------------|---|----|-------|----|-------|----|-------|----|-------|---------|-------|---|------------------------------|---------------------------|-------|----|------|---|--|
|             | Suma Mensual     | Máxima en 24hrs día |                               | N                                       | NE | E     | SE | S     | SW | W     | NW | CALMA | Nro OBS |       |   |                              |                           |       |    |      |   |  |
|             | (m/s)            | %                   |                               | (m/s)                                   | %  | (m/s) | %  | (m/s) | %  | (m/s) | %  | (m/s) | %       | (m/s) | % |                              |                           | (m/s) | %  |      |   |  |
| ENERO       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |
| FEBRERO     |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |
| MARZO       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |
| ABRIL       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |
| MAYO        |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |
| JUNIO       |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |
| JULIO       |                  |                     | 6                             | 5.0                                     | 81 | 4.0   | 7  | 0.0   | 0  | 0.0   | 0  | 0.0   | 0       | 0.0   | 0 | 0.0                          | 0                         | 13    | 93 | 10.0 | N |  |
| AGOSTO      |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |
| SEPTIEMBRE  |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |
| OCTUBRE     |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |
| NOVIEMBRE   |                  |                     | 4                             | 4.8                                     | 73 | 3.0   | 4  | 0.0   | 0  | 0.0   | 0  | 2.4   | 12      | 0.0   | 0 | 0.0                          | 0                         | 10    | 90 | 10.0 | N |  |
| DICIEMBRE   |                  |                     |                               |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |
| VALOR ANUAL |                  |                     | 4                             |   |    |       |    |       |    |       |    |       |         |       |   |                              |                           |       |    |      |   |  |



M258 QUEROCHACA(UTA) INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |         |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|---------|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Suma              | Máxima en 24hrs | día  |                                  |         |
|             |                       | Máxima                                | día | Mínima      | día | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |      |                                  | Mensual |
| ENERO       | 109.0                 | 22.5                                  | 7   | 4.0         | 20  | 19.5   | 8.7    | 13.8                 | 96  | 17     | 50  | 7     | 75                     | 9.3                       | 11.7              | 22.5            | 4.8  | 21                               | 12      |
| FEBRERO     | 109.0                 | 23.3                                  | 10  | 4.8         | 5   | 20.6   | 9.3    | 14.5                 | 97  | 14     | 45  | 5     | 75                     | 9.7                       | 12.1              | 42.8            | 9.3  | 11                               | 17      |
| MARZO       | 123.9                 | 24.5                                  | 1   | 6.1         | 11  | 20.6   | 9.3    | 14.6                 | 95  | 6      | 43  | 1     | 74                     | 9.6                       | 11.9              | 29.6            | 6.5  | 27                               | 18      |
| ABRIL       | 132.3                 | 24.9                                  | 16  | 6.7         | 28  | 20.3   | 9.2    | 14.5                 | 96  | 18     | 44  | 16    | 76                     | 10.0                      | 12.3              | 99.6            | 24.4 | 18                               | 22      |
| MAYO        | 138.4                 | 22.2                                  | 1   | 5.0         | 23  | 19.2   | 8.5    | 13.6                 | 97  | 8      | 48  | 23    | 77                     | 9.4                       | 11.8              | 94.3            | 21.0 | 5                                | 19      |
| JUNIO       | 103.1                 | 20.4                                  | 1   | 5.6         | 10  | 16.6   | 7.6    | 12.2                 | 96  | 5      | 51  | 10    | 78                     | 8.2                       | 10.9              | 83.2            | 13.0 | 18                               | 23      |
| JULIO       | 97.6                  | 19.1                                  | 27  | 2.9         | 8   | 15.9   | 7.2    | 11.4                 | 97  | 10     | 54  | 1     | 78                     | 7.5                       | 10.4              | 57.5            | 21.2 | 11                               | 19      |
| AGOSTO      | 155.4                 | 21.6                                  | 20  | 3.4         | 20  | 17.4   | 6.9    | 12.2                 | 98  | 13     | 46  | 19    | 73                     | 7.2                       | 10.2              | 38.8            | 6.6  | 29                               | 21      |
| SEPTIEMBRE  | 186.0                 | 21.7                                  | 18  | 1.5         | 2   | 18.8   | 5.4    | 12.3                 | 98  | 4      | 41  | 28    | 70                     | 6.6                       | 9.8               | 14.5            | 3.0  | 4                                | 11      |
| OCTUBRE     | 149.4                 | 23.5                                  | 14  | 1.0         | 14  | 19.5   | 6.8    | 13.2                 | 96  | 5      | 41  | 14    | 73                     | 8.1                       | 10.9              | 61.4            | 9.4  | 27                               | 19      |
| NOVIEMBRE   | 191.5                 | 24.4                                  | 24  | 2.7         | 26  | 21.3   | 7.3    | 14.5                 | 99  | 14     | 31  | 24    | 71                     | 8.7                       | 11.4              | 11.8            | 7.3  | 1                                | 10      |
| DICIEMBRE   | 213.7                 | 24.5                                  | 21  | 0.5         | 23  | 21.6   | 5.5    | 13.9                 | 95  | 14     | 31  | 2     | 66                     | 7.2                       | 10.3              | 11.4            | 2.7  | 11                               | 8       |
| VALOR ANUAL | 1709.3                | 24.9                                  |     | 0.5         |     | 19.2   | 7.6    | 13.3                 | 99  |        | 31  |       | 73                     | 8.4                       | 11.1              | 567.4           | 24.4 |                                  |         |

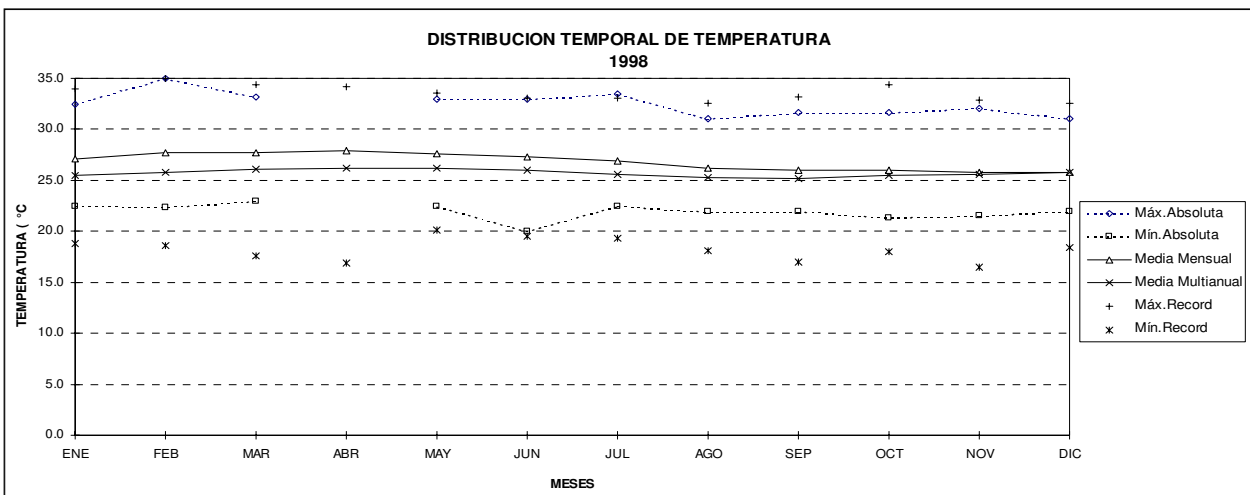
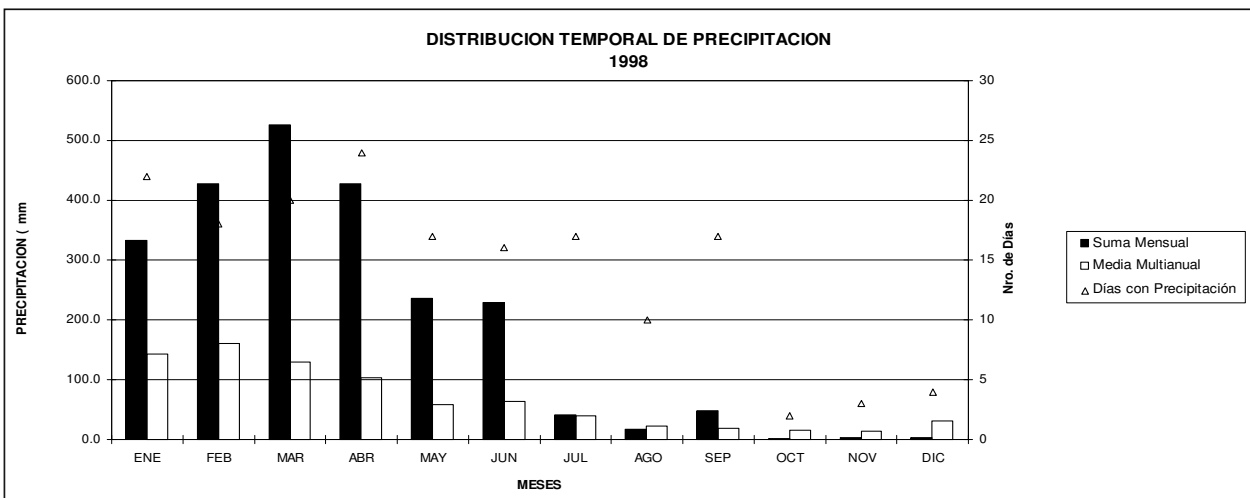
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |    |       |    |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |       |      |    |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|----|-------|----|-----|-------|-----|---------|----------------------------------|---------------------------|---------|-------|------|----|-----|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S  | SW    |    | W   | NW    |     | CALMA % |                                  |                           | Nro OBS |       |      |    |     |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   |    | (m/s) | %  |     | (m/s) | %   |         |                                  |                           |         | (m/s) | %    |    |     |
| ENERO       | 91.3             | 4.9             | 7   | 8                             | 3.5                                     | 4     | 0.0 | 0     | 8.5 | 16    | 4.5 | 9  | 4.1   | 16 | 3.1 | 20    | 3.0 | 18      | 2.7                              | 3                         | 13      | 93    | 14.0 | E  | 2.8 |
| FEBRERO     | 99.4             | 5.9             | 5   | 8                             | 3.4                                     | 6     | 2.8 | 6     | 8.3 | 24    | 0.0 | 0  | 3.2   | 21 | 3.4 | 12    | 2.6 | 17      | 2.5                              | 2                         | 12      | 84    | 20.0 | E  | 2.9 |
| MARZO       | 109.9            | 7.1             | 15  | 8                             | 2.0                                     | 3     | 8.0 | 1     | 6.4 | 18    | 5.1 | 9  | 3.8   | 11 | 3.1 | 19    | 2.9 | 19      | 4.7                              | 3                         | 16      | 93    | 12.0 | E  | 2.7 |
| ABRIL       | 98.4             | 5.4             | 13  | 8                             | 3.0                                     | 2     | 3.0 | 2     | 5.6 | 21    | 4.3 | 3  | 2.9   | 16 | 2.8 | 26    | 3.6 | 17      | 0.0                              | 0                         | 13      | 90    | 14.0 | E  | 2.4 |
| MAYO        | 97.1             | 5.4             | 21  | 8                             | 2.7                                     | 3     | 8.0 | 1     | 4.9 | 16    | 5.0 | 7  | 3.0   | 10 | 2.6 | 31    | 2.3 | 10      | 4.1                              | 8                         | 15      | 93    | 12.0 | SE | 2.4 |
| JUNIO       | 75.0             | 4.9             | 1   | 8                             | 0.0                                     | 0     | 5.3 | 3     | 7.2 | 32    | 4.3 | 16 | 2.7   | 17 | 2.2 | 11    | 3.4 | 10      | 0.0                              | 0                         | 11      | 90    | 14.0 | E  | 2.9 |
| JULIO       | 71.1             | 4.1             | 15  | 8                             | 1.0                                     | 1     | 6.0 | 1     | 7.9 | 27    | 5.4 | 12 | 3.3   | 20 | 3.0 | 15    | 3.2 | 7       | 1.5                              | 2                         | 15      | 93    | 14.0 | E  | 2.4 |
| AGOSTO      | 99.5             | 5.1             | 9   | 8                             | 5.0                                     | 2     | 0.0 | 0     | 7.8 | 31    | 3.8 | 12 | 3.9   | 17 | 2.6 | 19    | 2.8 | 9       | 0.0                              | 0                         | 10      | 93    | 14.0 | E  | 3.2 |
| SEPTIEMBRE  | 122.2            | 7.4             | 28  | 7                             | 2.0                                     | 1     | 0.0 | 0     | 6.6 | 27    | 3.3 | 10 | 2.2   | 12 | 2.5 | 24    | 3.3 | 7       | 0.0                              | 0                         | 19      | 90    | 16.0 | E  | 3.6 |
| OCTUBRE     | 107.2            | 6.0             | 10  | 7                             | 2.2                                     | 7     | 1.0 | 1     | 5.6 | 19    | 6.3 | 13 | 2.8   | 11 | 2.3 | 20    | 3.1 | 14      | 4.0                              | 3                         | 12      | 93    | 14.0 | SE | 3.0 |
| NOVIEMBRE   | 136.2            | 6.8             | 24  | 7                             | 4.3                                     | 3     | 3.2 | 7     | 6.2 | 19    | 2.0 | 3  | 2.7   | 16 | 2.4 | 19    | 3.9 | 12      | 3.7                              | 3                         | 18      | 90    | 14.0 | W  | 4.2 |
| DICIEMBRE   | 136.0            |                 |     | 7                             | 4.1                                     | 8     | 5.3 | 4     | 6.6 | 23    | 5.0 | 3  | 2.3   | 9  | 3.2 | 27    | 2.6 | 18      | 3.7                              | 3                         | 5       | 93    | 14.0 | E  | 3.6 |
| VALOR ANUAL | 1243.3           |                 |     | 7                             | 2.7                                     | 3     | 3.5 | 2     | 6.8 | 22    | 4.0 | 8  | 3.0   | 14 | 2.7 | 20    | 3.0 | 13      | 2.2                              | 2                         | 13      |       | 20.0 | E  | 3.0 |



M269 **ESMERALDAS INOCAR(LAS PALMAS)** INOCAR

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |            |            |             |        | HUMEDAD RELATIVA (%) |            |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |                 | Número de días con precipitación |         |
|-------------|-----------------------|---------------------------------------|--------|------------|------------|-------------|--------|----------------------|------------|-------|------------------------|---------------------------|-------------------|-----------------|-----------------|----------------------------------|---------|
|             |                       | ABSOLUTAS                             |        |            |            | M E D I A S |        | Máxima día           | Mínima día | Media |                        |                           | Mensual           | Máxima en 24hrs | Mínima en 24hrs |                                  | Mensual |
|             |                       | Máxima                                | Mínima | Máxima día | Mínima día | Máxima      | Mínima |                      |            |       |                        |                           |                   |                 |                 |                                  |         |
| ENERO       |                       | 32.5                                  | 26     | 22.5       | 8          | 30.5        | 24.5   | 27.1                 |            |       |                        |                           | 332.2             | 75.8            | 12              | 22                               |         |
| FEBRERO     |                       | 35.0                                  | 2      | 22.4       | 18         | 31.3        | 24.6   | 27.7                 |            |       |                        |                           | 427.0             | 82.0            | 26              | 18                               |         |
| MARZO       |                       | 33.2                                  | 8      | 23.0       | 23         | 31.5        | 24.3   | 27.9                 |            |       |                        |                           | 526.0             | 167.2           | 11              | 20                               |         |
| ABRIL       |                       |                                       |        |            |            | 31.5        | 24.3   | 27.9                 |            |       |                        |                           | 427.9             | 103.0           | 18              | 24                               |         |
| MAYO        |                       | 33.0                                  | 19     | 22.5       | 1          | 30.9        | 24.1   | 27.6                 |            |       |                        |                           | 235.4             | 53.7            | 3               | 17                               |         |
| JUNIO       |                       | 33.0                                  | 30     | 20.0       | 30         | 31.2        | 23.8   | 27.3                 |            |       |                        |                           | 229.5             | 72.5            | 16              | 16                               |         |
| JULIO       |                       | 33.5                                  | 4      | 22.5       | 28         | 30.9        | 23.7   | 26.9                 |            |       |                        |                           | 41.6              | 6.0             | 11              | 17                               |         |
| AGOSTO      |                       | 31.1                                  | 4      | 22.0       | 8          | 29.8        | 23.3   | 26.2                 |            |       |                        |                           | 16.4              | 6.4             | 2               | 10                               |         |
| SEPTIEMBRE  |                       | 31.7                                  | 18     | 22.0       | 9          | 29.4        | 23.2   | 26.0                 |            |       |                        |                           | 49.1              | 23.7            | 5               | 17                               |         |
| OCTUBRE     |                       | 31.7                                  | 5      | 21.3       | 29         | 29.5        | 23.1   | 26.0                 |            |       |                        |                           | 0.9               | 0.7             | 2               | 2                                |         |
| NOVIEMBRE   |                       | 32.1                                  | 14     | 21.5       | 27         | 29.3        | 23.1   | 25.8                 |            |       |                        |                           | 4.2               | 3.4             | 1               | 3                                |         |
| DICIEMBRE   |                       | 31.1                                  | 4      | 22.0       | 7          | 29.4        | 23.0   | 25.8                 |            |       |                        |                           | 3.5               | 2.2             | 11              | 4                                |         |
| VALOR ANUAL |                       |                                       |        |            |            | 30.4        | 23.7   | 26.8                 |            |       |                        |                           | 2293.7            | 167.2           |                 |                                  |         |

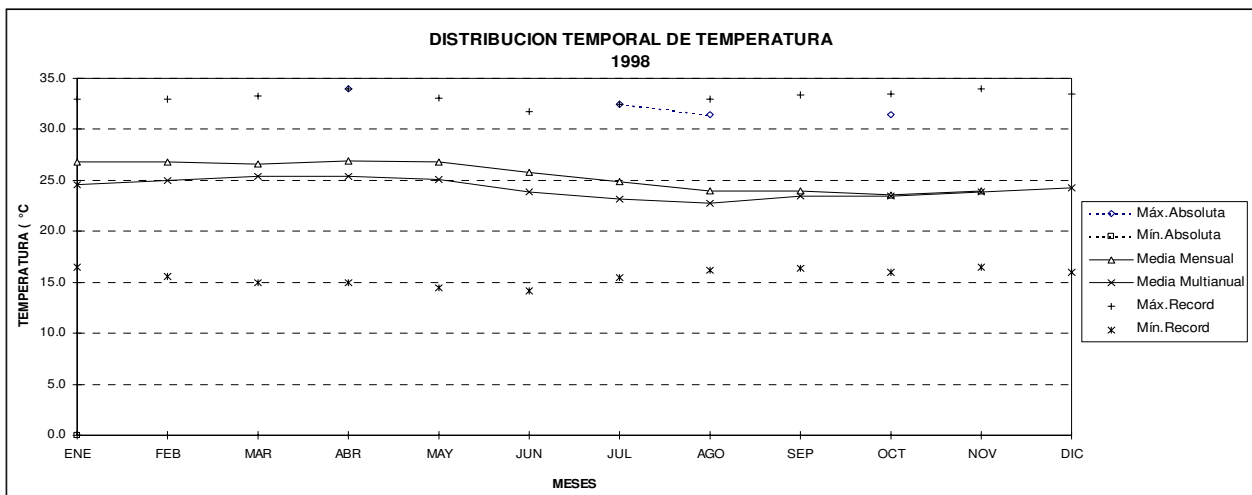
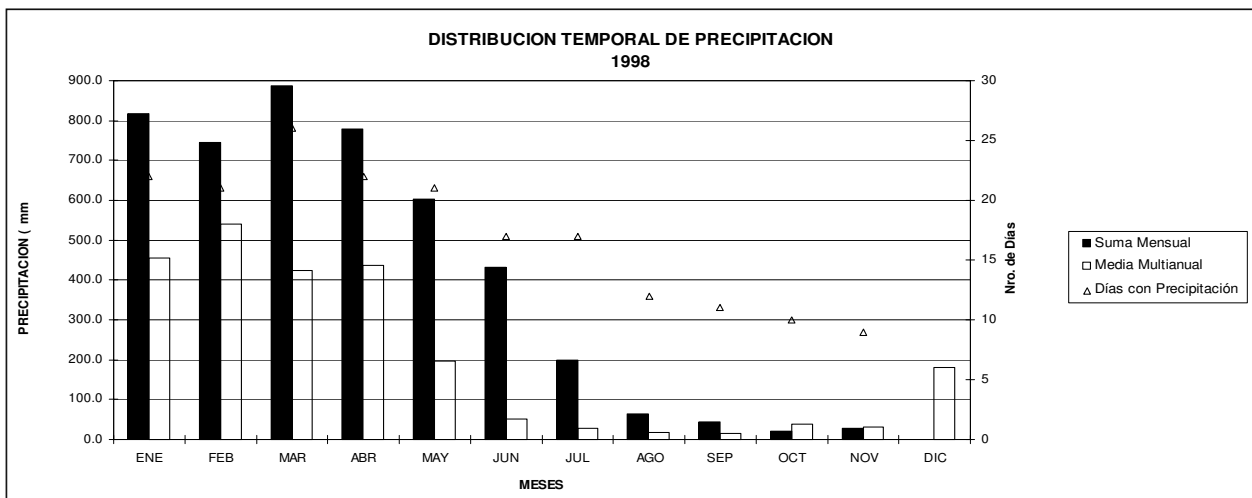
| MES         | EVAPORACION (mm) |                 |                 | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |      |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |      |       |   |
|-------------|------------------|-----------------|-----------------|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------|----------------------------------|---------------------------|---------|---------|------|-------|---|
|             | Mensual          | Máxima en 24hrs | Mínima en 24hrs |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |      | NW    |                                  |                           | CALMA % | Nro OBS |      |       |   |
|             |                  |                 |                 |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %    | (m/s) |                                  |                           |         |         | %    | (m/s) | % |
| ENERO       | 85.3             | 4.8             | 13              | 8                             | 4.0                                     | 10    | 3.8 | 7     | 0.0 | 0     | 0.0 | 0     | 3.3 | 34    | 5.0 | 13    | 8.2  | 19    | 4.8                              | 14                        | 3       | 93      | 14.0 | W     |   |
| FEBRERO     | 86.3             | 6.6             | 1               | 7                             | 3.5                                     | 2     | 2.8 | 5     | 0.0 | 0     | 4.0 | 1     | 3.3 | 41    | 4.6 | 12    | 4.9  | 21    | 5.7                              | 18                        | 0       | 84      | 14.0 | NW    |   |
| MARZO       | 103.6            | 6.0             | 2               | 7                             | 3.8                                     | 5     | 3.5 | 2     | 4.0 | 1     | 4.0 | 2     | 4.1 | 43    | 5.2 | 12    | 5.5  | 17    | 6.4                              | 16                        | 1       | 93      | 14.0 | NW    |   |
| ABRIL       | 84.0             | 4.5             | 26              | 7                             |   |       |     |       |     |       |     |       |     |       |     |       |      |       |                                  |                           |         |         |      |       |   |
| MAYO        | 92.9             | 5.0             | 6               | 7                             | 7.3                                     | 3     | 4.0 | 2     | 0.0 | 0     | 0.0 | 0     | 3.7 | 48    | 4.9 | 17    | 7.5  | 18    | 5.6                              | 11                        | 0       | 93      | 12.0 | W     |   |
| JUNIO       | 87.0             | 4.2             | 14              | 7                             | 4.0                                     | 1     | 0.0 | 0     | 2.0 | 1     | 0.0 | 0     | 3.5 | 46    | 4.4 | 20    | 7.6  | 27    | 4.4                              | 6                         | 0       | 90      | 12.0 | W     |   |
| JULIO       | 105.6            | 5.2             | 22              | 7                             | 0.0                                     | 0     | 4.0 | 1     | 0.0 | 0     | 0.0 | 0     | 4.3 | 43    | 5.4 | 23    | 11.5 | 31    | 10.0                             | 2                         | 0       | 93      | 18.0 | W     |   |
| AGOSTO      | 114.3            | 6.0             | 5               | 8                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 4.1 | 40    | 5.8 | 27    | 10.1 | 29    | 9.5                              | 4                         | 0       | 93      | 18.0 | W     |   |
| SEPTIEMBRE  | 97.1             | 4.5             | 1               | 8                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 3.7 | 39    | 5.4 | 32    | 10.4 | 29    | 0.0                              | 0                         | 0       | 90      | 18.0 | W     |   |
| OCTUBRE     | 120.9            | 5.5             | 18              | 7                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 4.1 | 40    | 5.0 | 28    | 9.5  | 30    | 10.0                             | 2                         | 0       | 93      | 14.0 | W     |   |
| NOVIEMBRE   | 108.5            | 6.8             | 27              | 8                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 4.0 | 42    | 5.3 | 24    | 11.4 | 32    | 8.0                              | 1                         | 0       | 90      | 18.0 | W     |   |
| DICIEMBRE   | 116.3            | 5.4             | 27              | 7                             | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0     | 4.1 | 39    | 5.6 | 24    | 10.8 | 36    | 8.0                              | 2                         | 0       | 93      | 14.0 | W     |   |
| VALOR ANUAL | 1201.8           | 6.8             |                 | 7                             |   |       |     |       |     |       |     |       |     |       |     |       |      |       |                                  |                           |         |         |      |       |   |



M283 INMORIEC-EL VERGEL INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      | HUMEDAD RELATIVA (%) |     |        |     | PUNTO DE ROCIO (°C) | TENSION DE VAPOR (hPa) | PRECIPITACION(mm) |         |                 | Número de días con precipitación |       |    |    |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|----------------------|-----|--------|-----|---------------------|------------------------|-------------------|---------|-----------------|----------------------------------|-------|----|----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      | Máxima               | día | Mínima | día |                     |                        | Media             | Mensual | Máxima en 24hrs |                                  | día   |    |    |
|             |                       | Máxima                                | día | Mínima      | día  |                      |     |        |     |                     |                        |                   |         |                 |                                  |       |    |    |
| ENERO       | 123.9                 |                                       |     | 31.5        |      | 26.8                 |     | 98     | 12  | 57                  | 7                      | 86                | 24.1    | 30.1            | 817.3                            | 111.3 | 15 | 22 |
| FEBRERO     | 109.9                 |                                       |     | 32.2        |      | 26.8                 |     | 99     | 27  | 63                  | 28                     | 86                | 24.1    | 30.1            | 744.4                            | 127.7 | 21 | 21 |
| MARZO       | 134.3                 |                                       |     | 32.2        | 23.7 | 26.6                 |     |        |     |                     |                        | 87                | 24.1    | 30.0            | 886.6                            | 98.0  | 22 | 26 |
| ABRIL       | 133.8                 | 34.0                                  | 16  | 32.1        |      | 26.9                 |     | 98     | 3   | 64                  | 24                     | 86                | 24.1    | 30.0            | 779.4                            | 139.5 | 2  | 22 |
| MAYO        | 98.8                  |                                       |     | 31.4        |      | 26.8                 |     |        |     |                     |                        | 85                | 24.0    | 29.8            | 603.8                            | 82.9  | 16 | 21 |
| JUNIO       | 93.3                  |                                       |     | 30.1        | 22.3 | 25.8                 |     |        |     |                     |                        | 86                | 23.2    | 28.4            | 432.1                            | 95.2  | 10 | 17 |
| JULIO       | 67.1                  | 32.5                                  | 1   | 28.9        |      | 24.9                 |     |        |     |                     |                        | 87                | 22.5    | 27.3            | 198.8                            | 70.6  | 15 | 17 |
| AGOSTO      | 61.5                  | 31.5                                  | 8   | 28.0        |      | 24.0                 |     |        |     |                     |                        | 88                | 21.7    | 26.0            | 63.6                             | 17.6  | 14 | 12 |
| SEPTIEMBRE  | 36.5                  |                                       |     | 27.8        |      | 24.0                 |     |        |     |                     |                        | 89                | 22.0    | 26.5            | 43.3                             | 12.0  | 11 | 11 |
| OCTUBRE     | 47.2                  | 31.5                                  | 4   | 28.0        | 20.9 | 23.6                 |     |        |     |                     |                        | 87                | 21.3    | 25.3            | 19.5                             | 4.8   | 3  | 10 |
| NOVIEMBRE   | 42.9                  |                                       |     | 28.0        |      | 24.0                 |     | 98     | 3   | 61                  | 7                      | 86                | 21.5    | 25.7            | 28.2                             | 17.5  | 18 | 9  |
| DICIEMBRE   |                       |                                       |     |             |      |                      |     |        |     |                     |                        |                   |         |                 |                                  |       |    |    |
| VALOR ANUAL |                       |                                       |     |             |      |                      |     |        |     |                     |                        |                   |         |                 |                                  |       |    |    |

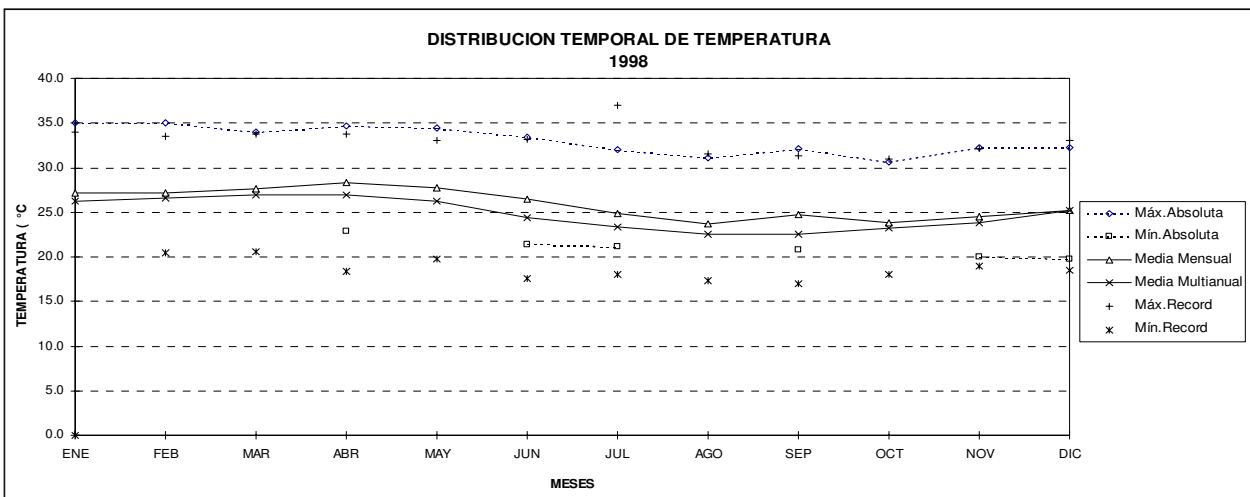
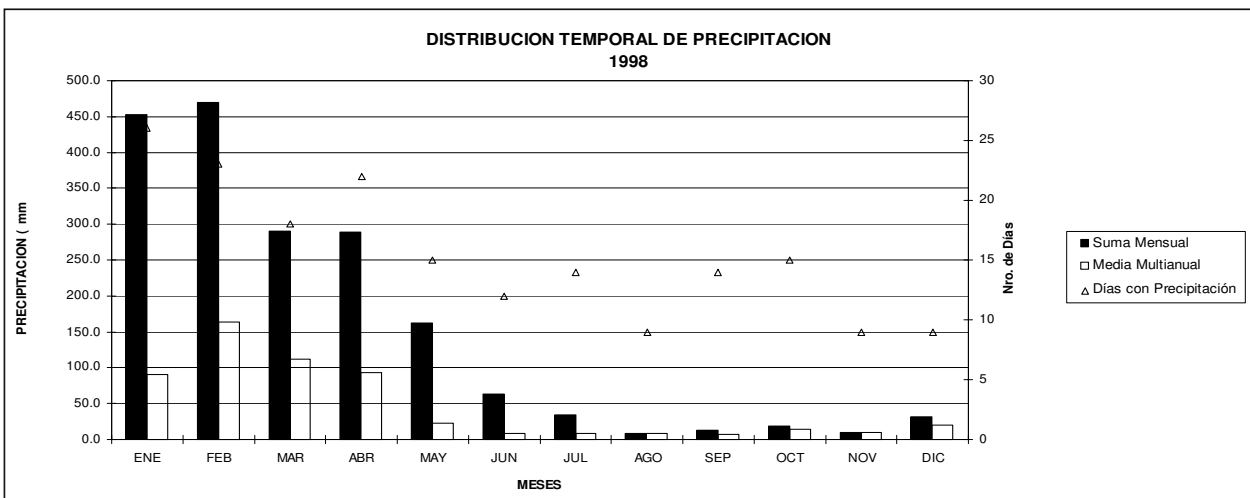
| MES         | EVAPORACION (mm) |                     |       | NUBOSIDAD MEDIA (Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |            |           |            |           |            |           |            |         |         |     |   |     |   | Vel Mayor Observada (m/s) DIR | VELOCIDAD MEDIA (Km/h) |    |    |     |    |  |
|-------------|------------------|---------------------|-------|-------------------------|---|------------|-----------|------------|-----------|------------|-----------|------------|---------|---------|-----|---|-----|---|-------------------------------|------------------------|----|----|-----|----|--|
|             | Suma Mensual     | Máxima en 24hrs día |       |                         | N (m/s) %                               | NE (m/s) % | E (m/s) % | SE (m/s) % | S (m/s) % | SW (m/s) % | W (m/s) % | NW (m/s) % | CALMA % | Nro OBS |     |   |     |   |                               |                        |    |    |     |    |  |
|             |                  | Mensual             | 24hrs |                         |   |            |           |            |           |            |           |            |         |         | día |   |     |   |                               |                        |    |    |     |    |  |
| ENERO       |                  |                     |       | 7                       | 0.0                                     | 0          | 1.0       | 5          | 1.5       | 2          | 2.3       | 4          | 0.0     | 0       | 2.5 | 2 | 1.3 | 4 | 1.0                           | 1                      | 82 | 84 | 3.0 | SW |  |
| FEBRERO     |                  |                     |       |                         |   |            |           |            |           |            |           |            |         |         |     |   |     |   |                               |                        |    |    |     |    |  |
| MARZO       |                  |                     |       | 7                       | 1.8                                     | 6          | 1.3       | 9          | 1.1       | 10         | 2.7       | 8          | 2.0     | 2       | 1.5 | 2 | 2.5 | 2 | 0.0                           | 0                      | 61 | 90 | 4.0 | SE |  |
| ABRIL       |                  |                     |       |                         |   |            |           |            |           |            |           |            |         |         |     |   |     |   |                               |                        |    |    |     |    |  |
| MAYO        |                  |                     |       | 7                       | 1.7                                     | 10         | 0.0       | 0          | 1.3       | 4          | 2.0       | 2          | 1.0     | 1       | 1.0 | 1 | 1.3 | 3 | 2.0                           | 1                      | 77 | 93 | 2.0 | N  |  |
| JUNIO       |                  |                     |       |                         |   |            |           |            |           |            |           |            |         |         |     |   |     |   |                               |                        |    |    |     |    |  |
| JULIO       | 70.2             | 6.0                 | 24    | 8                       |   |            |           |            |           |            |           |            |         |         |     |   |     |   |                               |                        |    |    |     |    |  |
| AGOSTO      | 63.4             | 5.0                 | 7     | 8                       |   |            |           |            |           |            |           |            |         |         |     |   |     |   |                               |                        |    |    |     |    |  |
| SEPTIEMBRE  | 82.1             | 5.1                 | 1     | 8                       |   |            |           |            |           |            |           |            |         |         |     |   |     |   |                               |                        |    |    |     |    |  |
| OCTUBRE     | 76.7             | 7.7                 | 7     | 8                       | 0.0                                     | 0          | 1.7       | 3          | 2.5       | 2          | 1.2       | 7          | 0.0     | 0       | 1.0 | 1 | 0.0 | 0 | 1.6                           | 6                      | 81 | 90 | 3.0 | E  |  |
| NOVIEMBRE   |                  |                     |       |                         |   |            |           |            |           |            |           |            |         |         |     |   |     |   |                               |                        |    |    |     |    |  |
| DICIEMBRE   |                  |                     |       |                         |   |            |           |            |           |            |           |            |         |         |     |   |     |   |                               |                        |    |    |     |    |  |
| VALOR ANUAL |                  |                     |       |                         |   |            |           |            |           |            |           |            |         |         |     |   |     |   |                               |                        |    |    |     |    |  |



M292 GRANJA STA.INES(UTM) INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |      |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |       |                 | Número de días con precipitación |     |
|-------------|-----------------------|---------------------------------------|-----|-------------|------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-------|-----------------|----------------------------------|-----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |      |        | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Suma  | Máxima en 24hrs |                                  | día |
|             |                       | Máxima                                | día | Mínima      | día  | Máxima |                      |     |        |     |       |                        |                           |                   |       |                 |                                  |     |
| ENERO       | 110.8                 | 35.0                                  | 4   | 32.8        | 23.8 | 27.2   | 100                  | 5   | 55     | 26  | 86    | 24.4                   | 30.6                      | 452.2             | 75.2  | 28              | 26                               |     |
| FEBRERO     | 97.8                  | 35.0                                  | 3   | 32.4        | 23.6 | 27.2   |                      |     |        |     | 82    | 23.6                   | 29.1                      | 469.2             | 91.1  | 26              | 23                               |     |
| MARZO       | 138.5                 | 34.0                                  | 13  | 32.3        | 24.4 | 27.6   | 98                   | 1   | 54     | 1   | 80    | 23.7                   | 29.3                      | 290.9             | 130.6 | 14              | 18                               |     |
| ABRIL       | 157.7                 | 34.7                                  | 3   | 32.2        | 24.6 | 28.3   | 97                   | 11  | 51     | 18  | 78    | 23.7                   | 29.4                      | 288.6             | 76.3  | 3               | 22                               |     |
| MAYO        | 137.7                 | 34.5                                  | 8   | 32.6        | 24.2 | 27.8   | 98                   | 11  | 54     | 9   | 80    | 23.8                   | 29.4                      | 162.8             | 58.7  | 5               | 15                               |     |
| JUNIO       | 111.4                 | 33.4                                  | 6   | 31.0        | 23.6 | 26.5   | 98                   | 2   | 61     | 30  | 84    | 23.4                   | 28.7                      | 63.7              | 16.4  | 2               | 12                               |     |
| JULIO       | 58.2                  | 32.0                                  | 25  | 29.1        | 22.5 | 24.8   | 98                   | 15  | 57     | 30  | 86    | 22.1                   | 26.6                      | 33.9              | 9.7   | 7               | 14                               |     |
| AGOSTO      | 53.3                  | 31.1                                  | 31  | 28.3        | 21.4 | 23.7   |                      |     |        |     |       |                        |                           | 8.3               | 1.7   | 22              | 9                                |     |
| SEPTIEMBRE  | 59.1                  | 32.1                                  | 10  | 28.6        | 22.4 | 24.7   |                      |     |        |     |       |                        |                           | 12.6              | 2.7   | 3               | 14                               |     |
| OCTUBRE     | 30.3                  | 30.6                                  | 2   | 27.1        | 21.6 | 23.8   |                      |     |        |     |       |                        |                           | 18.9              | 3.6   | 19              | 15                               |     |
| NOVIEMBRE   | 53.4                  | 32.2                                  | 7   | 29.3        | 21.9 | 24.5   |                      |     |        |     |       |                        |                           | 10.1              | 7.7   | 27              | 9                                |     |
| DICIEMBRE   | 129.9                 | 32.2                                  | 23  | 30.0        | 21.7 | 25.2   |                      |     |        |     |       |                        |                           | 31.8              | 23.4  | 17              | 9                                |     |
| VALOR ANUAL | 1138.1                | 35.0                                  |     | 30.5        | 22.9 | 25.9   |                      |     |        |     |       |                        |                           | 1843.0            | 130.6 |                 |                                  |     |

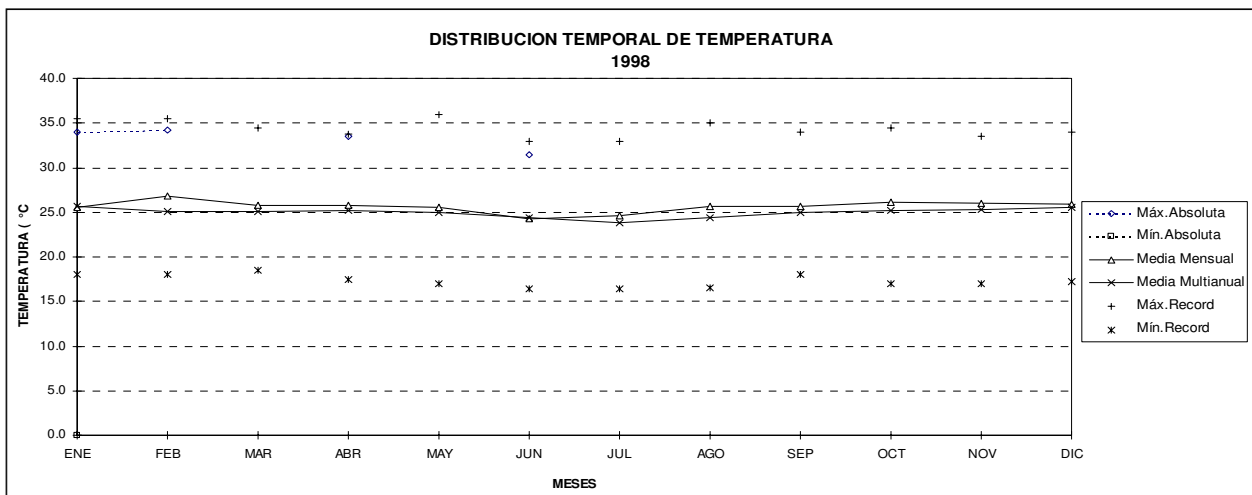
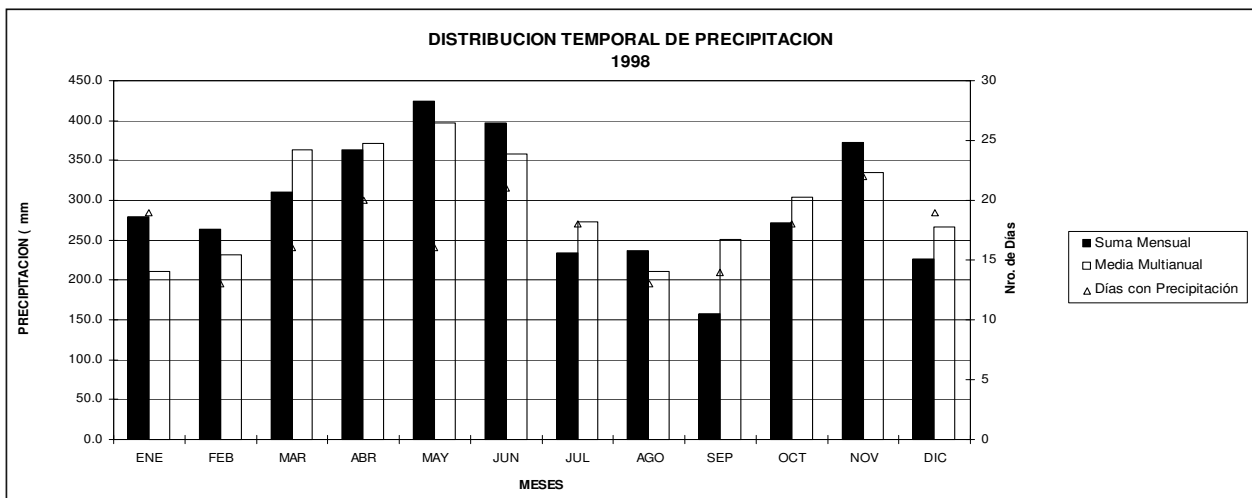
| MES         | EVAPORACION (mm) |                 |        | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |    |     |       |     |   |       |   |     |    |         |         |       |    |       | Vel Mayor Observada<br>(m/s) | VELOCIDAD MEDIA<br>(Km/h) |    |     |
|-------------|------------------|-----------------|--------|-------------------------------|---|-------|----|-----|-------|-----|---|-------|---|-----|----|---------|---------|-------|----|-------|------------------------------|---------------------------|----|-----|
|             | Suma Mensual     | Máxima en 24hrs | en día |                               | N                                       | NE    |    | E   | SE    |     | S | SW    |   | W   | NW | CALMA % | Nro OBS |       |    |       |                              |                           |    |     |
|             |                  |                 |        |                               |   | (m/s) | %  |     | (m/s) | %   |   | (m/s) | % |     |    |         |         | (m/s) | %  | (m/s) |                              |                           | %  |     |
| ENERO       |                  |                 | 6      | 2.4                           | 25                                      | 0.0   | 0  | 2.0 | 3     | 0.0 | 0 | 2.0   | 1 | 0.0 | 0  | 4.0     | 1       | 2.7   | 7  | 63    | 93                           | 4.0                       | N  | 0.7 |
| FEBRERO     | 83.8             |                 | 7      |                               |   |       |    |     |       |     |   |       |   |     |    |         |         |       |    |       |                              |                           |    | 0.9 |
| MARZO       | 124.2            |                 | 6      | 3.0                           | 17                                      | 4.0   | 1  | 3.0 | 2     | 3.0 | 4 | 3.0   | 2 | 1.0 | 2  | 2.5     | 13      | 3.6   | 8  | 51    | 93                           | 7.0                       | W  | 1.2 |
| ABRIL       | 140.6            | 7.1             | 20     | 2.7                           | 18                                      | 3.0   | 8  | 4.5 | 2     | 2.0 | 1 | 2.5   | 2 | 0.0 | 0  | 3.3     | 3       | 2.3   | 7  | 59    | 90                           | 5.0                       | E  | 1.1 |
| MAYO        | 120.1            | 5.5             | 24     | 3.0                           | 16                                      | 2.4   | 5  | 2.0 | 3     | 2.5 | 2 | 4.5   | 2 | 0.0 | 0  | 2.3     | 3       | 3.3   | 8  | 60    | 93                           | 6.0                       | N  | 1.1 |
| JUNIO       | 96.2             | 5.8             | 4      | 2.5                           | 14                                      | 3.0   | 3  | 1.0 | 2     | 2.0 | 1 | 1.0   | 1 | 1.0 | 1  | 1.5     | 2       | 3.4   | 12 | 62    | 90                           | 5.0                       | NW | 1.2 |
| JULIO       | 82.6             | 5.6             | 25     | 2.1                           | 16                                      | 2.6   | 5  | 1.5 | 2     | 1.0 | 2 | 0.0   | 0 | 1.0 | 1  | 1.0     | 1       | 2.7   | 7  | 66    | 93                           | 4.0                       | N  | 1.2 |
| AGOSTO      | 107.2            |                 | 7      | 2.6                           | 15                                      | 2.3   | 3  | 0.0 | 0     | 1.0 | 1 | 0.0   | 0 | 0.0 | 0  | 2.0     | 5       | 2.7   | 11 | 65    | 93                           | 6.0                       | N  | 1.5 |
| SEPTIEMBRE  | 82.9             |                 | 7      | 2.4                           | 18                                      | 2.7   | 3  | 0.0 | 0     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0  | 3.0     | 2       | 2.3   | 12 | 64    | 90                           | 4.0                       | NE | 1.6 |
| OCTUBRE     | 56.8             |                 | 7      | 1.8                           | 18                                      | 1.8   | 4  | 0.0 | 0     | 0.0 | 0 | 1.5   | 2 | 0.0 | 0  | 1.7     | 7       | 2.2   | 5  | 63    | 93                           | 4.0                       | N  | 1.4 |
| NOVIEMBRE   | 65.5             |                 | 7      | 2.0                           | 12                                      | 2.7   | 11 | 1.5 | 2     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0  | 2.0     | 1       | 2.5   | 14 | 59    | 90                           | 5.0                       | NW | 1.6 |
| DICIEMBRE   | 104.4            |                 | 7      | 2.2                           | 14                                      | 2.8   | 12 | 3.0 | 1     | 0.0 | 0 | 0.0   | 0 | 0.0 | 0  | 1.9     | 8       | 2.4   | 22 | 44    | 93                           | 6.0                       | N  | 1.6 |
| VALOR ANUAL |                  |                 | 6      |                               |   |       |    |     |       |     |   |       |   |     |    |         |         |       |    |       |                              |                           |    | 1.2 |



M293 PALMORIENTE-HUASHITO INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |     |        |     | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |         |                 | Número de días con precipitación |     |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|-----|--------|-----|------------------------|---------------------------|-------------------|---------|-----------------|----------------------------------|-----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima               | día | Mínima | día |                        |                           | Media             | Mensual | Máxima en 24hrs |                                  | día |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |                      |     |        |     |                        |                           |                   |         |                 |                                  |     |
| ENERO       | 92.8                  | 34.0                                  | 31     | 30.7        | 22.2   | 25.6    |                      |     |        | 91  | 24.1                   | 30.0                      | 279.3             | 63.0    | 12              | 19                               |     |
| FEBRERO     | 124.2                 | 34.2                                  | 1      | 32.0        | 22.9   | 26.8    |                      |     |        | 89  | 24.7                   | 31.3                      | 264.4             | 68.4    | 12              | 13                               |     |
| MARZO       | 93.3                  |                                       |        | 30.7        | 22.8   | 25.8    |                      |     |        | 92  | 24.4                   | 30.6                      | 310.6             | 71.2    | 25              | 16                               |     |
| ABRIL       | 113.2                 | 33.5                                  | 11     | 30.8        | 22.8   | 25.8    | 100                  | 3   | 67     | 6   | 93                     | 24.4                      | 30.7              | 363.2   | 64.8            | 22                               | 20  |
| MAYO        |                       |                                       |        | 30.3        | 22.5   | 25.5    | 100                  | 2   | 66     | 27  | 92                     | 23.9                      | 29.7              | 423.6   | 85.9            | 17                               | 16  |
| JUNIO       |                       | 31.5                                  | 30     | 29.0        | 21.4   | 24.3    |                      |     |        | 93  | 23.0                   | 28.2                      | 396.6             | 100.8   | 1               | 21                               |     |
| JULIO       | 132.1                 |                                       |        | 29.5        | 21.1   | 24.6    | 100                  | 2   | 64     | 5   | 91                     | 22.9                      | 27.9              | 234.4   | 58.1            | 19                               | 18  |
| AGOSTO      | 185.6                 |                                       |        | 31.4        | 21.4   | 25.7    | 100                  | 2   | 63     | 7   | 89                     | 23.5                      | 29.0              | 236.2   | 120.0           | 21                               | 13  |
| SEPTIEMBRE  | 162.2                 |                                       |        | 31.3        | 21.4   | 25.7    | 100                  | 1   | 62     | 28  | 89                     | 23.6                      | 29.2              | 157.8   | 52.2            | 21                               | 14  |
| OCTUBRE     | 156.8                 |                                       |        | 31.0        | 22.3   | 26.1    |                      |     |        | 89  | 24.0                   | 29.9                      | 271.2             | 59.0    | 30              | 18                               |     |
| NOVIEMBRE   | 157.6                 |                                       |        | 30.0        | 22.3   | 26.0    | 100                  | 1   | 66     | 10  | 90                     | 24.1                      | 30.1              | 372.9   | 48.6            | 6                                | 22  |
| DICIEMBRE   | 182.7                 |                                       |        | 31.7        | 21.7   | 25.9    | 100                  | 5   | 66     | 21  | 89                     | 23.9                      | 29.8              | 226.4   | 50.8            | 23                               | 19  |
| VALOR ANUAL |                       |                                       |        | 30.7        | 22.0   | 25.6    |                      |     |        | 90  | 23.8                   | 29.7                      | 3536.6            | 120.0   |                 |                                  |     |

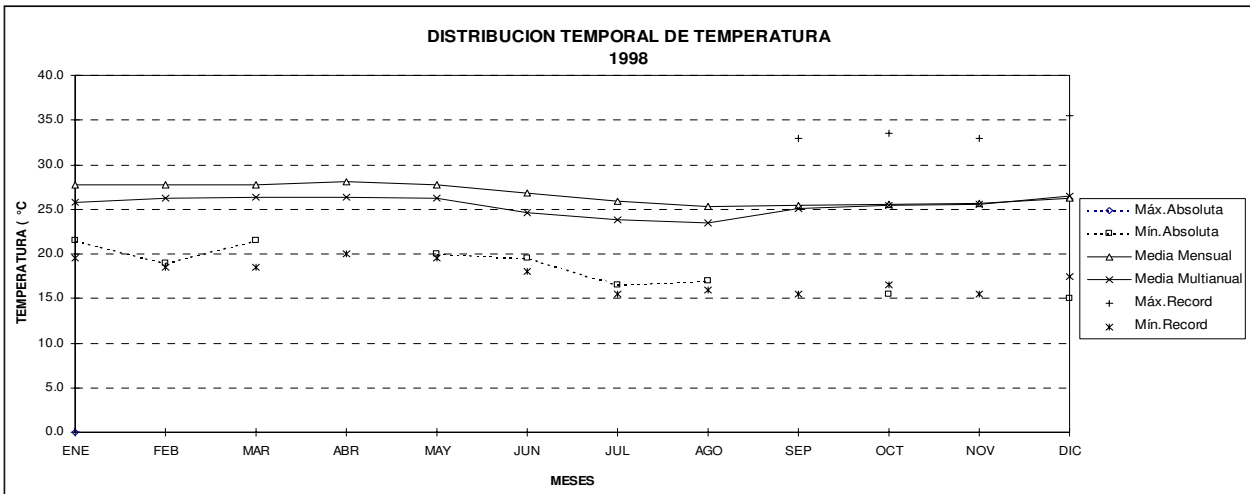
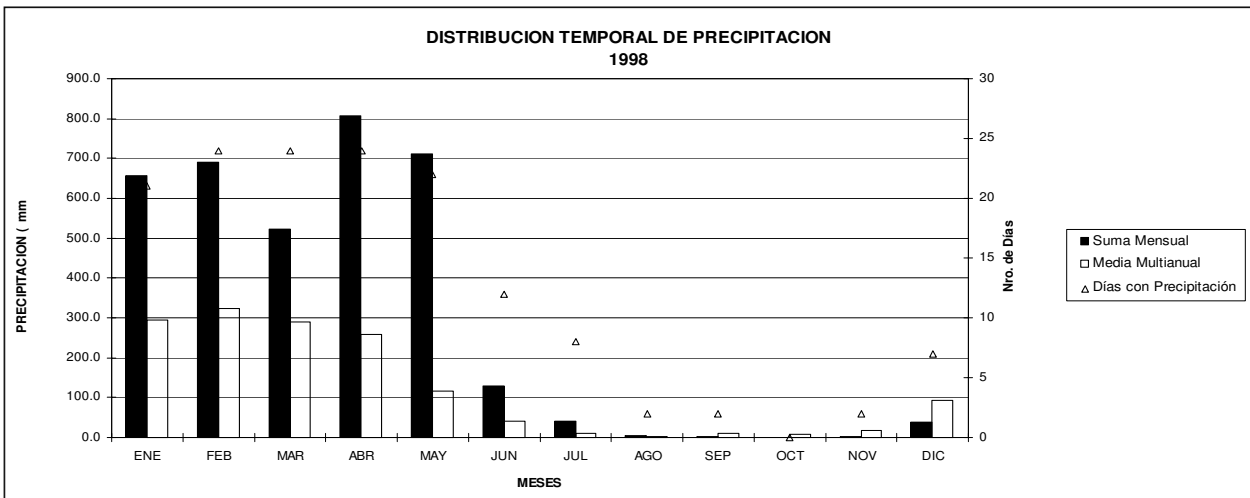
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |   |     |       |     |    |       |    |       |         |       |    | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |       |    |     |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|----|-------|---|-----|-------|-----|----|-------|----|-------|---------|-------|----|----------------------------------|---------------------------|-------|----|-----|-----|
|             | Mensual          | Máxima en 24hrs | día |                               | N                                       | NE    |     | E  | SE    |   | S   | SW    |     | W  | NW    |    | CALMA | Nro OBS |       |    |                                  |                           |       |    |     |     |
|             |                  |                 |     |                               |   | (m/s) | %   |    | (m/s) | % |     | (m/s) | %   |    | (m/s) | %  |       |         | (m/s) | %  |                                  |                           | (m/s) | %  |     |     |
| ENERO       | 79.7             | 5.5             | 22  | 7                             | 2.9                                     | 9     | 5.4 | 5  | 4.4   | 5 | 2.8 | 9     | 2.8 | 7  | 3.0   | 2  | 2.8   | 7       | 3.4   | 13 | 44                               | 93                        | 8.0   | NE | 0.5 |     |
| FEBRERO     |                  |                 |     | 7                             | 3.2                                     | 13    | 4.4 | 10 | 5.0   | 4 | 3.7 | 4     | 3.1 | 8  | 2.7   | 4  | 3.4   | 10      | 3.9   | 8  | 41                               | 84                        | 8.0   | NW | 0.6 |     |
| MARZO       | 78.8             |                 |     | 7                             |   |       |     |    |       |   |     |       |     |    |       |    |       |         |       |    |                                  |                           |       |    |     | 0.6 |
| ABRIL       |                  |                 |     | 7                             |   |       |     |    |       |   |     |       |     |    |       |    |       |         |       |    |                                  |                           |       |    |     | 1.1 |
| MAYO        |                  |                 |     | 7                             | 3.4                                     | 17    | 4.0 | 4  | 4.8   | 5 | 4.5 | 4     | 4.5 | 11 | 4.2   | 10 | 3.5   | 12      | 2.3   | 7  | 30                               | 93                        | 10.0  | E  | 1.2 |     |
| JUNIO       |                  |                 |     | 7                             | 4.2                                     | 10    | 3.6 | 6  | 3.7   | 7 | 3.5 | 12    | 5.1 | 8  | 3.3   | 7  | 3.2   | 10      | 3.0   | 11 | 30                               | 90                        | 16.0  | S  | 1.3 |     |
| JULIO       |                  |                 |     | 7                             | 3.4                                     | 15    | 5.0 | 5  | 3.0   | 7 | 4.0 | 15    | 2.4 | 5  | 3.2   | 13 | 2.8   | 9       | 2.0   | 4  | 27                               | 93                        | 8.0   | SE | 1.2 |     |
| AGOSTO      |                  |                 |     | 6                             | 3.5                                     | 18    | 4.9 | 9  | 6.7   | 3 | 3.9 | 8     | 2.2 | 5  | 3.3   | 3  | 5.1   | 9       | 3.2   | 20 | 25                               | 93                        | 15.0  | W  | 1.5 |     |
| SEPTIEMBRE  |                  |                 |     | 6                             | 3.6                                     | 16    | 8.0 | 4  | 3.5   | 4 | 3.7 | 7     | 2.5 | 2  | 2.5   | 7  | 3.2   | 6       | 2.9   | 26 | 29                               | 90                        | 15.0  | NE | 1.2 |     |
| OCTUBRE     |                  |                 |     | 7                             |   |       |     |    |       |   |     |       |     |    |       |    |       |         |       |    |                                  |                           |       |    |     | 1.4 |
| NOVIEMBRE   | 97.0             |                 |     | 7                             | 4.6                                     | 18    | 6.0 | 12 | 4.5   | 7 | 3.7 | 7     | 3.2 | 6  | 2.3   | 3  | 2.8   | 6       | 3.9   | 22 | 20                               | 90                        | 14.0  | NE | 1.2 |     |
| DICIEMBRE   | 103.9            |                 |     | 7                             | 4.0                                     | 15    | 5.1 | 12 | 4.0   | 4 | 3.6 | 10    | 3.0 | 9  | 0.0   | 0  | 3.3   | 12      | 2.8   | 19 | 19                               | 93                        | 10.0  | NE | 1.2 |     |
| VALOR ANUAL |                  |                 |     | 6                             |   |       |     |    |       |   |     |       |     |    |       |    |       |         |       |    |                                  |                           |       |    |     | 1.0 |



M466 VINCES INAMHI INAMHI

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |      |             |      |         | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|------|-------------|------|---------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |      | M E D I A S |      |         | Máxima               | día | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | día  | Mínima      | día  | Mensual |                      |     |        |     |       |                        |                           |                   |                 |     |                                  |
| ENERO       | 130.4                 | 21.5                                  | 30   | 32.6        | 23.0 | 27.7    | 100                  | 6   | 76     | 4   | 90    | 26.0                   | 33.7                      | 656.1             | 144.8           | 12  | 21                               |
| FEBRERO     | 104.2                 | 19.0                                  | 1    | 32.6        | 22.6 | 27.8    | 100                  | 11  | 62     | 7   | 91    | 26.2                   | 34.0                      | 689.3             | 173.4           | 7   | 24                               |
| MARZO       | 161.7                 | 21.5                                  | 7    | 33.1        | 22.5 | 27.8    | 100                  | 18  | 60     | 15  | 89    | 25.8                   | 33.3                      | 523.6             | 67.8            | 19  | 24                               |
| ABRIL       | 151.6                 | 32.6                                  | 22.2 | 28.1        | 22.2 | 27.8    | 100                  | 12  | 54     | 10  | 90    | 26.2                   | 34.1                      | 806.2             | 115.0           | 2   | 24                               |
| MAYO        | 122.2                 | 20.0                                  | 27   | 31.9        | 22.0 | 27.8    |                      |     |        |     | 90    | 25.9                   | 33.5                      | 710.4             | 136.4           | 14  | 22                               |
| JUNIO       | 103.8                 | 19.5                                  | 1    | 30.9        | 20.8 | 26.8    | 98                   | 1   | 70     | 25  | 89    | 24.9                   | 31.5                      | 129.3             | 31.6            | 16  | 12                               |
| JULIO       | 92.1                  | 16.5                                  | 24   | 30.2        | 19.7 | 25.9    | 100                  | 1   | 74     | 17  | 89    | 23.9                   | 29.7                      | 41.6              | 18.3            | 9   | 8                                |
| AGOSTO      | 86.8                  | 17.0                                  | 17   | 30.0        | 18.4 | 25.3    |                      |     |        |     | 88    | 23.1                   | 28.3                      | 4.1               | 3.6             | 11  | 2                                |
| SEPTIEMBRE  | 73.6                  | 30.0                                  | 18.1 | 25.4        | 18.1 | 25.4    | 98                   | 2   | 65     | 23  | 86    | 22.8                   | 27.9                      | 2.5               | 2.2             | 29  | 2                                |
| OCTUBRE     | 95.4                  | 15.5                                  | 20   | 30.0        | 17.5 | 25.5    |                      |     |        |     | 83    | 22.3                   | 27.0                      | 0.0               | 0.0             | 1   | 0                                |
| NOVIEMBRE   | 82.6                  | 17.2                                  | 25.7 | 30.0        | 17.2 | 25.7    |                      |     |        |     | 83    | 22.4                   | 27.2                      | 3.0               | 2.4             | 20  | 2                                |
| DICIEMBRE   | 108.3                 | 15.0                                  | 8    | 31.7        | 17.5 | 26.3    | 98                   | 6   | 62     | 31  | 83    | 22.9                   | 28.1                      | 39.6              | 24.0            | 16  | 7                                |
| VALOR ANUAL | 1312.7                |                                       |      | 20.1        | 26.6 |         |                      |     |        |     | 87    | 24.3                   | 30.6                      | 3605.7            | 173.4           |     |                                  |

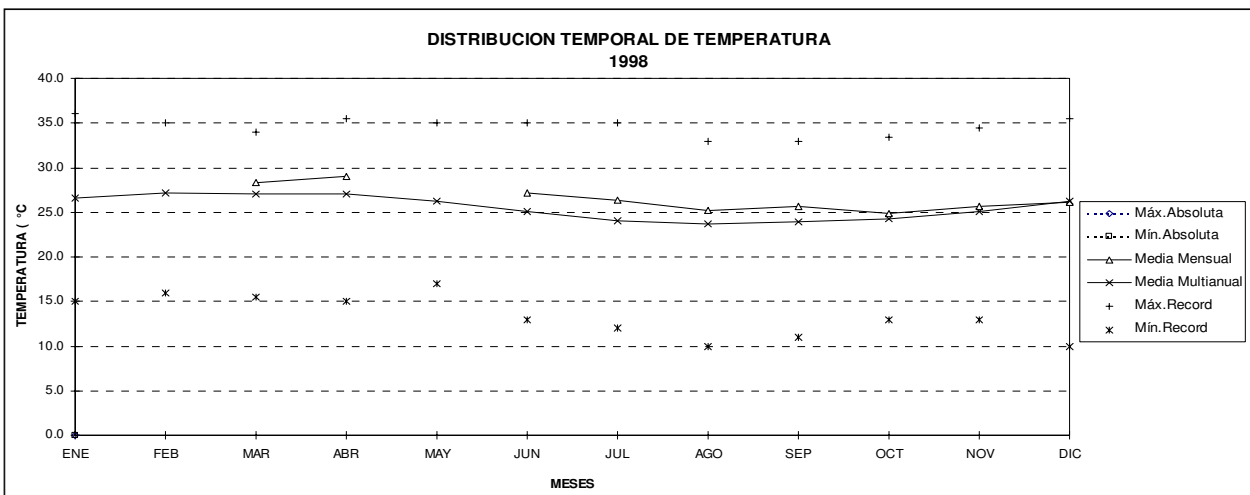
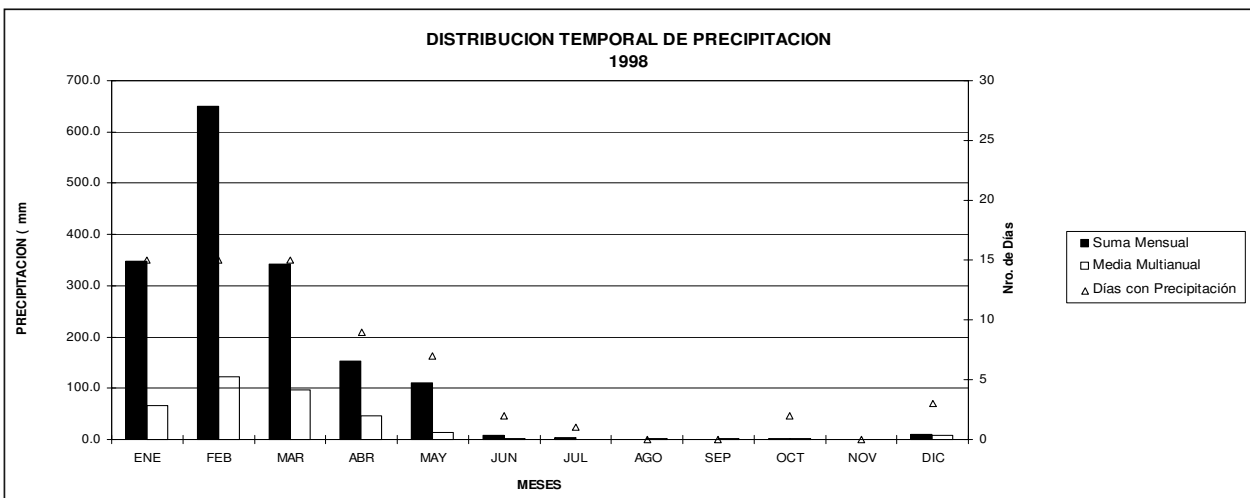
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |         |      |       |     |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------------------------------|---------------------------|---------|---------|------|-------|-----|-----|
|             | Mensual          | Máxima en 24hrs | día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |                                  |                           | CALMA % | Nro OBS |      |       |     |     |
|             |                  |                 |     |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) |                                  |                           |         |         | %    | (m/s) | %   |     |
| ENERO       | 116.6            | 5.9             | 15  | 7                             | 2.8                                     | 5     | 2.1 | 16    | 3.7 | 7     | 1.5 | 2     | 2.0 | 3     | 2.0 | 1     | 1.5 | 2     | 0.0                              | 0                         | 63      | 93      | 8.0  | NE    | 1.8 |     |
| FEBRERO     | 111.2            |                 |     | 8                             | 2.7                                     | 8     | 2.0 | 2     | 2.5 | 7     | 3.8 | 7     | 2.5 | 2     | 0.0 | 0     | 2.4 | 11    | 1.5                              | 2                         | 60      | 84      | 10.0 | N     | 1.4 |     |
| MARZO       | 134.3            | 8.7             | 30  | 7                             | 2.2                                     | 11    | 1.5 | 2     | 2.3 | 10    | 3.5 | 7     | 1.9 | 9     | 2.3 | 3     | 1.6 | 5     | 3.0                              | 2                         | 52      | 93      | 10.0 | SE    | 1.7 |     |
| ABRIL       | 134.2            |                 |     | 7                             | 1.7                                     | 8     | 3.0 | 2     | 2.9 | 9     | 3.0 | 3     | 1.3 | 3     | 2.0 | 1     | 1.8 | 9     | 2.0                              | 1                         | 63      | 90      | 4.0  | SE    | 1.1 |     |
| MAYO        | 125.1            |                 |     | 7                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |       |     | 0.9 |
| JUNIO       | 106.6            |                 |     | 7                             | 1.0                                     | 2     | 0.0 | 0     | 3.0 | 2     | 4.0 | 1     | 2.1 | 14    | 2.3 | 4     | 1.7 | 8     | 0.0                              | 0                         | 68      | 90      | 4.0  | S     | 1.1 |     |
| JULIO       | 104.5            |                 |     | 7                             | 1.5                                     | 2     | 0.0 | 0     | 0.0 | 0     | 1.7 | 3     | 2.3 | 11    | 2.0 | 4     | 1.7 | 3     | 0.0                              | 0                         | 76      | 93      | 4.0  | S     | 1.5 |     |
| AGOSTO      | 99.4             | 5.4             | 20  | 7                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |       |     | 2.0 |
| SEPTIEMBRE  | 117.5            | 7.7             | 23  | 7                             | 0.0                                     | 0     | 2.0 | 1     | 0.0 | 0     | 0.0 | 0     | 2.5 | 24    | 1.9 | 11    | 1.5 | 4     | 0.0                              | 0                         | 59      | 90      | 5.0  | S     | 2.3 |     |
| OCTUBRE     | 151.0            | 8.8             | 13  | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |       |     | 2.9 |
| NOVIEMBRE   | 135.7            | 7.7             | 7   | 7                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |       |     | 2.5 |
| DICIEMBRE   | 147.4            | 8.7             | 13  | 7                             | 2.0                                     | 2     | 0.0 | 0     | 1.0 | 1     | 0.0 | 0     | 2.8 | 14    | 2.4 | 5     | 2.4 | 10    | 1.8                              | 4                         | 63      | 93      | 5.0  | SW    | 2.0 |     |
| VALOR ANUAL | 1483.5           |                 |     | 7                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |                                  |                           |         |         |      |       |     | 1.7 |



**M482 CHACRAS PREDESUR**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        | Máxima día           | Mínima día | Media | Mensual |                        |                           | Suma              | Máxima en 24hrs | día |                                  |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| ENERO       |                       |                                       |            | 32.5        | 19.3   |                      |            |       |         |                        |                           | 348.1             | 57.0            | 24  | 15                               |
| FEBRERO     |                       |                                       |            | 32.9        | 18.5   |                      |            |       |         |                        |                           | 650.0             | 163.0           | 8   | 15                               |
| MARZO       |                       |                                       |            | 33.3        | 22.4   | 28.3                 |            | 76    | 23.8    | 29.9                   |                           | 342.3             | 65.0            | 16  | 15                               |
| ABRIL       |                       |                                       |            | 33.8        | 22.7   | 29.0                 |            | 74    | 23.9    | 30.2                   |                           | 153.5             | 40.5            | 2   | 9                                |
| MAYO        |                       |                                       |            | 33.2        | 22.9   |                      |            |       |         |                        |                           | 109.7             | 30.1            | 26  | 7                                |
| JUNIO       |                       |                                       |            | 32.2        |        | 27.2                 |            | 78    | 23.1    | 28.8                   |                           | 8.8               | 4.8             | 1   | 2                                |
| JULIO       |                       |                                       |            | 31.1        | 21.2   | 26.4                 |            | 76    | 21.8    | 26.7                   |                           | 4.0               | 4.0             | 6   | 1                                |
| AGOSTO      |                       |                                       |            | 30.6        | 20.6   | 25.2                 |            | 77    | 20.9    | 25.0                   |                           | 0.0               | 0.0             | 1   | 0                                |
| SEPTIEMBRE  |                       |                                       |            | 30.4        | 20.5   | 25.7                 |            | 76    | 21.0    | 25.3                   |                           | 0.0               | 0.0             | 1   | 0                                |
| OCTUBRE     |                       |                                       |            | 29.2        |        | 24.8                 |            | 77    | 20.5    | 24.5                   |                           | 2.5               | 1.5             | 27  | 2                                |
| NOVIEMBRE   |                       |                                       |            | 30.5        |        | 25.7                 |            | 79    | 21.6    | 26.4                   |                           | 0.0               | 0.0             | 1   | 0                                |
| DICIEMBRE   |                       |                                       |            | 31.2        | 20.3   | 26.1                 |            | 79    | 22.2    | 27.5                   |                           | 11.0              | 8.0             | 17  | 3                                |
| VALOR ANUAL |                       |                                       |            | 31.7        |        |                      |            |       |         |                        |                           | 1629.9            | 163.0           |     |                                  |

| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |    |     |       |     |   |       |   |         |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |       |     |       |     |     |
|-------------|------------------|-----------------|---------------|-------------------------------|---|-------|-----|---|-------|----|-----|-------|-----|---|-------|---|---------|---------|----------------------------------|---------------------------|-------|-----|-------|-----|-----|
|             | Suma Mensual     | Máxima en 24hrs | Máxima en día |                               | N                                       | NE    |     | E | SE    |    | S   | SW    |     | W | NW    |   | CALMA % | Nro OBS |                                  |                           |       |     |       |     |     |
|             |                  |                 |               |                               |   | (m/s) | %   |   | (m/s) | %  |     | (m/s) | %   |   | (m/s) | % |         |         |                                  |                           | (m/s) | %   | (m/s) | %   |     |
| ENERO       |                  |                 |               |                               |   |       |     |   |       |    |     |       |     |   |       |   |         | 0.7     |                                  |                           |       |     |       |     |     |
| FEBRERO     |                  |                 |               |                               |   |       |     |   |       |    |     |       |     |   |       |   |         | 0.8     |                                  |                           |       |     |       |     |     |
| MARZO       |                  |                 |               |                               |   |       |     |   |       |    |     |       |     |   |       |   |         | 0.8     |                                  |                           |       |     |       |     |     |
| ABRIL       |                  |                 |               |                               |   |       |     |   |       |    |     |       |     |   |       |   |         | 0.8     |                                  |                           |       |     |       |     |     |
| MAYO        |                  |                 |               |                               |   |       |     |   |       |    |     |       |     |   |       |   |         | 0.7     |                                  |                           |       |     |       |     |     |
| JUNIO       |                  |                 |               |                               | 2.8                                     | 32    | 0.0 | 0 | 2.7   | 16 | 0.0 | 0     | 2.0 | 4 | 0.0   | 0 | 2.2     | 19      | 0.0                              | 29                        | 90    | 4.0 | W     | 1.1 |     |
| JULIO       | 174.5            | 7.0             | 6             | 5                             |   |       |     |   |       |    |     |       |     |   |       |   |         |         |                                  |                           |       |     |       |     | 0.9 |
| AGOSTO      | 180.7            | 7.3             | 11            | 5                             |   |       |     |   |       |    |     |       |     |   |       |   |         |         |                                  |                           |       |     |       |     | 1.1 |
| SEPTIEMBRE  | 177.5            |                 |               | 5                             |   |       |     |   |       |    |     |       |     |   |       |   |         |         |                                  |                           |       |     |       |     | 1.2 |
| OCTUBRE     | 149.2            |                 |               | 5                             |   |       |     |   |       |    |     |       |     |   |       |   |         |         |                                  |                           |       |     |       |     | 1.1 |
| NOVIEMBRE   | 167.0            |                 |               | 5                             |   |       |     |   |       |    |     |       |     |   |       |   |         |         |                                  |                           |       |     |       |     | 1.3 |
| DICIEMBRE   | 193.1            |                 |               | 4                             |   |       |     |   |       |    |     |       |     |   |       |   |         |         |                                  |                           |       |     |       |     | 1.3 |
| VALOR ANUAL |                  |                 |               |                               |   |       |     |   |       |    |     |       |     |   |       |   |         |         |                                  |                           |       |     |       |     | 0.9 |

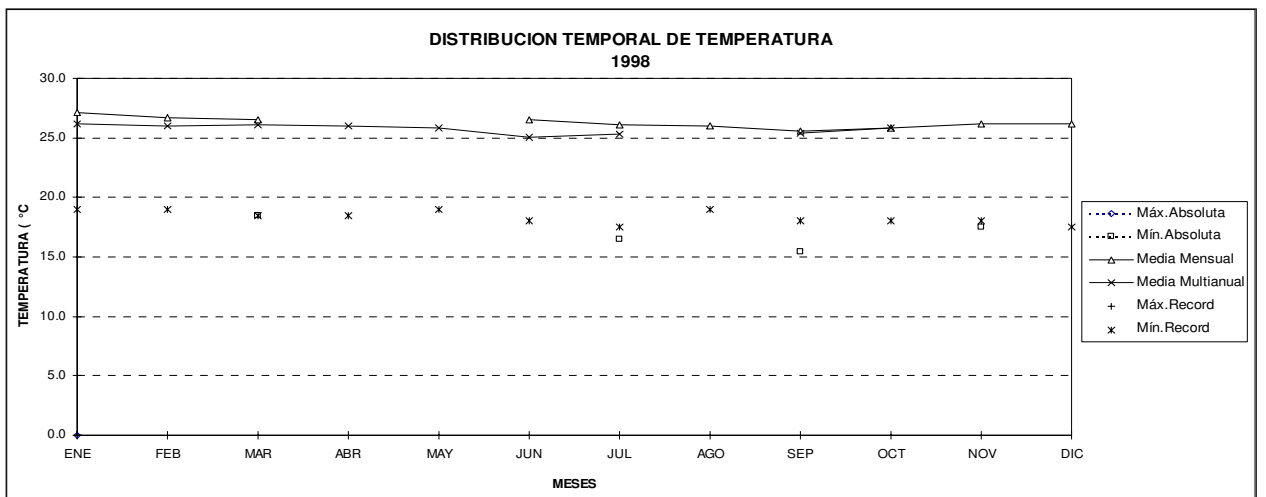
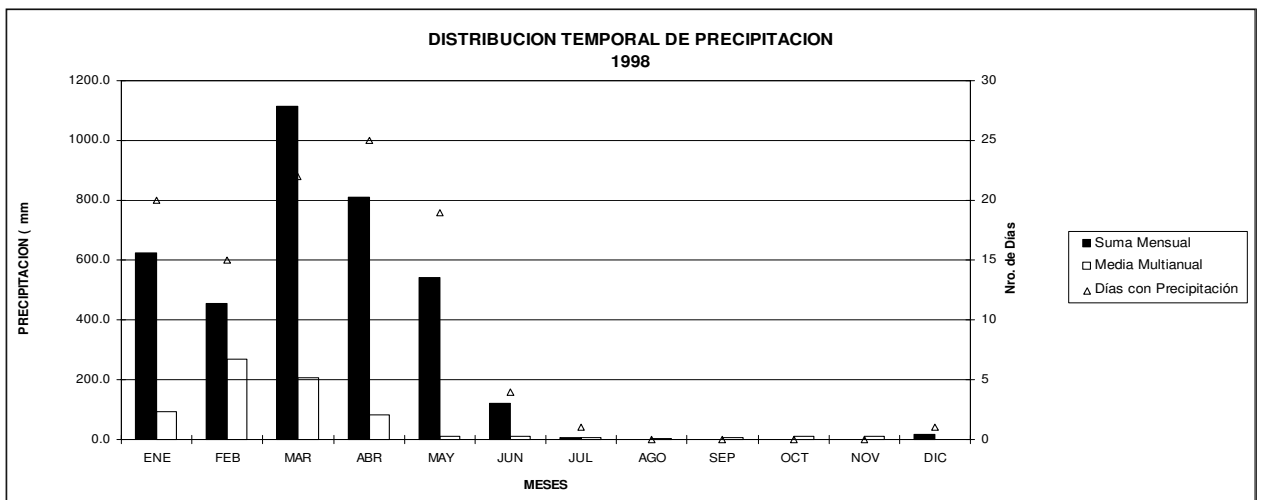




M785 EL COROZO CEDEGE

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |        | Número de días con precipitación |    |    |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|--------|----------------------------------|----|----|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        | Máxima día           | Mínima día | Media | Mensual |                        |                           | Suma              | Máxima en 24hrs | día    |                                  |    |    |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima |                      |            |       |         |                        |                           |                   |                 |        |                                  |    |    |
| ENERO       |                       |                                       |            | 19.8        | 27.1   |                      |            |       | 83      | 24.0                   | 30.7                      | 623.3             | 171.3           | 24     | 20                               |    |    |
| FEBRERO     |                       |                                       |            | 20.0        | 26.7   | 92                   | 6          | 67    | 2       | 83                     | 23.6                      | 29.9              | 454.1           | 65.7   | 28                               | 15 |    |
| MARZO       |                       |                                       | 18.5       | 14          | 20.0   | 26.5                 | 98         | 16    | 80      | 18                     | 83                        | 23.5              | 29.8            | 1114.7 | 122.6                            | 6  | 22 |
| ABRIL       |                       |                                       |            |             |        |                      |            |       |         |                        |                           |                   |                 | 811.2  | 155.7                            | 28 | 25 |
| MAYO        |                       |                                       |            |             | 20.0   |                      |            |       |         |                        |                           |                   |                 | 542.3  | 52.8                             | 15 | 19 |
| JUNIO       |                       |                                       |            |             | 18.9   | 26.5                 |            |       |         | 83                     | 23.5                      | 29.7              | 120.4           | 40.6   | 7                                | 4  |    |
| JULIO       |                       |                                       | 16.5       | 30          | 18.8   | 26.1                 | 91         | 15    | 67      | 30                     | 83                        | 23.1              | 29.1            | 6.4    | 6.4                              | 10 | 1  |
| AGOSTO      |                       |                                       |            |             | 18.2   | 26.0                 | 98         | 11    | 71      | 21                     | 83                        | 23.0              | 29.0            | 0.0    | 0.0                              | 1  | 0  |
| SEPTIEMBRE  |                       |                                       | 15.4       | 3           | 17.3   | 25.6                 |            |       |         | 83                     | 22.5                      | 28.2              | 0.0             | 0.0    | 1                                | 0  |    |
| OCTUBRE     |                       |                                       |            |             | 18.0   | 25.8                 |            |       |         | 83                     | 22.8                      | 28.7              | 0.0             | 0.0    | 1                                | 0  |    |
| NOVIEMBRE   |                       |                                       | 17.5       | 2           | 18.8   | 26.2                 | 91         | 13    | 66      | 20                     | 83                        | 23.1              | 29.2            | 0.0    | 0.0                              | 1  | 0  |
| DICIEMBRE   |                       |                                       |            |             | 18.5   | 26.2                 |            |       |         | 83                     | 23.1                      | 29.0              | 16.8            | 16.8   | 16                               | 1  |    |
| VALOR ANUAL |                       |                                       |            |             |        |                      |            |       |         |                        |                           | 3689.2            | 171.3           |        |                                  |    |    |

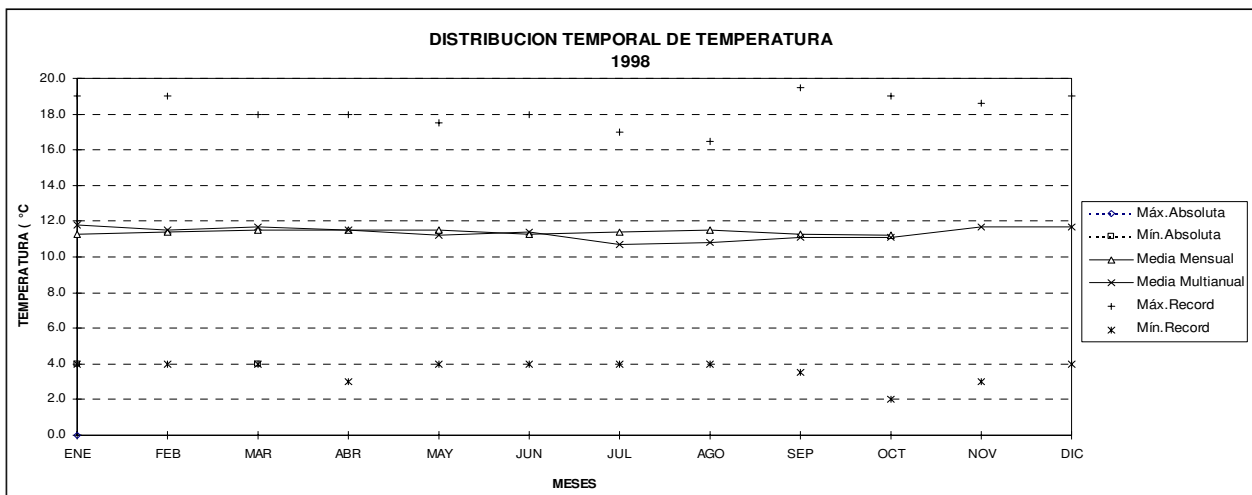
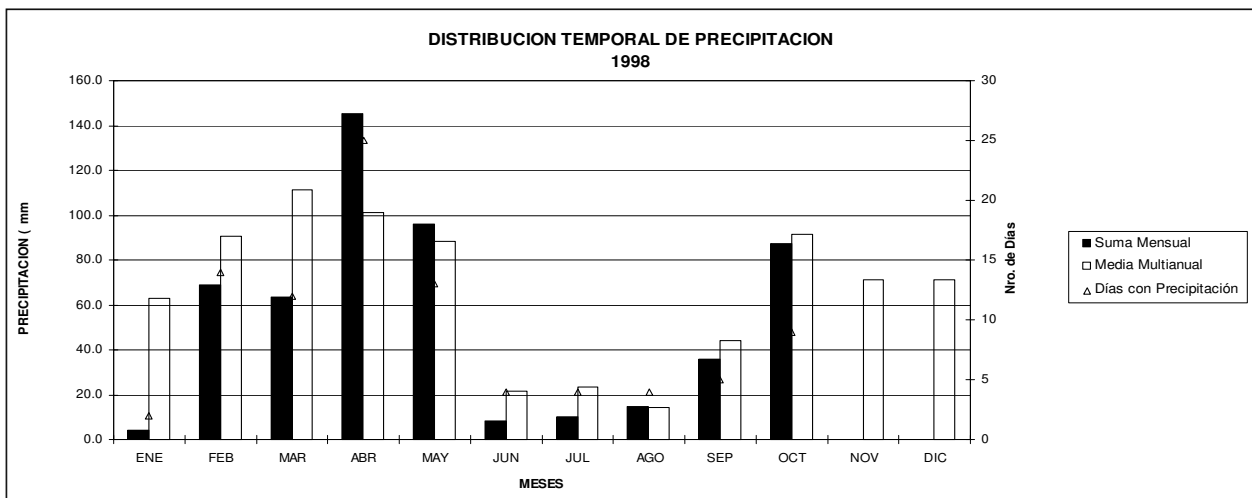
| MES         | EVAPORACION (mm) |                 | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |    |       |    |       |    |       |    |       |         |       |   | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |       |
|-------------|------------------|-----------------|-------------------------------|---|----|-------|----|-------|----|-------|----|-------|---------|-------|---|----------------------------------|---------------------------|-------|
|             | Suma Mensual     | Máxima en 24hrs |                               | N                                       | NE | E     | SE | S     | SW | W     | NW | CALMA | Nro OBS |       |   |                                  |                           |       |
|             | (m/s)            | %               |                               | (m/s)                                   | %  | (m/s) | %  | (m/s) | %  | (m/s) | %  | (m/s) | %       | (m/s) | % |                                  |                           | (m/s) |
| ENERO       |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| FEBRERO     |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| MARZO       |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| ABRIL       |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| MAYO        |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| JUNIO       |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| JULIO       |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| AGOSTO      |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| SEPTIEMBRE  |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| OCTUBRE     |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| NOVIEMBRE   |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| DICIEMBRE   |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |
| VALOR ANUAL |                  |                 |                               |   |    |       |    |       |    |       |    |       |         |       |   |                                  |                           |       |



**MA1V COTOPILALO CONVENIO INAMHI-CESA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |             |     |         | HUMEDAD RELATIVA (%) |               |       |                 | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm)  |       |      | Número<br>de días con<br>precipitación |    |
|-------------|-----------------------|---------------------------------------|-----|-------------|-----|---------|----------------------|---------------|-------|-----------------|---------------------------|------------------------------|--------------------|-------|------|--|----|
|             |                       | ABSOLUTAS                             |     | M E D I A S |     |         | Máxima<br>día        | Mínima<br>día | Media | Suma<br>Mensual |                           |                              | Máxima en<br>24hrs | día   |      |  |    |
|             |                       | Máxima                                | día | Mínima      | día | Mensual |                      |               |       |                 |                           |                              |                    |       |      |  |    |
| ENERO       |                       | 4.0                                   | 18  | 15.6        | 5.6 | 11.3    |                      |               | 87    | 9.2             | 11.7                      | 4.1                          | 2.6                | 9     | 2    |  |    |
| FEBRERO     |                       |                                       |     |             | 5.9 | 11.4    |                      |               | 87    | 9.2             | 11.6                      | 68.8                         | 15.5               | 16    | 14   |  |    |
| MARZO       |                       | 4.0                                   | 1   |             | 5.6 | 11.5    | 100                  | 10            | 9     | 87              | 9.3                       | 11.8                         | 63.6               | 15.5  | 6    | 12                                     |    |
| ABRIL       |                       |                                       |     |             | 5.7 | 11.5    | 100                  | 19            | 56    | 11              | 87                        | 9.3                          | 11.8               | 145.1 | 15.0 | 29                                     | 25 |
| MAYO        |                       |                                       |     | 15.7        | 5.7 | 11.5    | 98                   | 3             | 70    | 12              | 86                        | 9.2                          | 11.7               | 95.9  | 13.0 | 3                                      | 13 |
| JUNIO       |                       |                                       |     | 15.6        | 5.6 | 11.3    | 100                  | 12            | 67    | 11              | 88                        | 9.3                          | 11.7               | 8.5   | 5.0  | 25                                     | 4  |
| JULIO       |                       |                                       |     | 15.6        | 5.5 | 11.4    | 98                   | 4             | 71    | 23              | 88                        | 9.3                          | 11.8               | 10.0  | 3.0  | 3                                      | 4  |
| AGOSTO      |                       |                                       |     |             | 5.4 | 11.5    |                      |               | 87    | 9.3             | 11.7                      | 14.5                         | 10.0               | 7     | 4    |  |    |
| SEPTIEMBRE  |                       |                                       |     |             |     | 11.3    |                      |               | 87    | 9.2             | 11.7                      | 35.8                         | 20.0               | 19    | 5    |  |    |
| OCTUBRE     |                       |                                       |     |             |     | 11.2    |                      |               | 87    | 8.9             | 11.5                      | 87.5                         | 20.0               | 19    | 9    |  |    |
| NOVIEMBRE   |                       |                                       |     |             |     |         |                      |               |       |                 |                           |                              |                    |       |      |  |    |
| DICIEMBRE   |                       |                                       |     |             |     |         |                      |               |       |                 |                           |                              |                    |       |      |  |    |
| VALOR ANUAL |                       |                                       |     |             |     |         |                      |               |       |                 |                           |                              |                    |       |      |  |    |

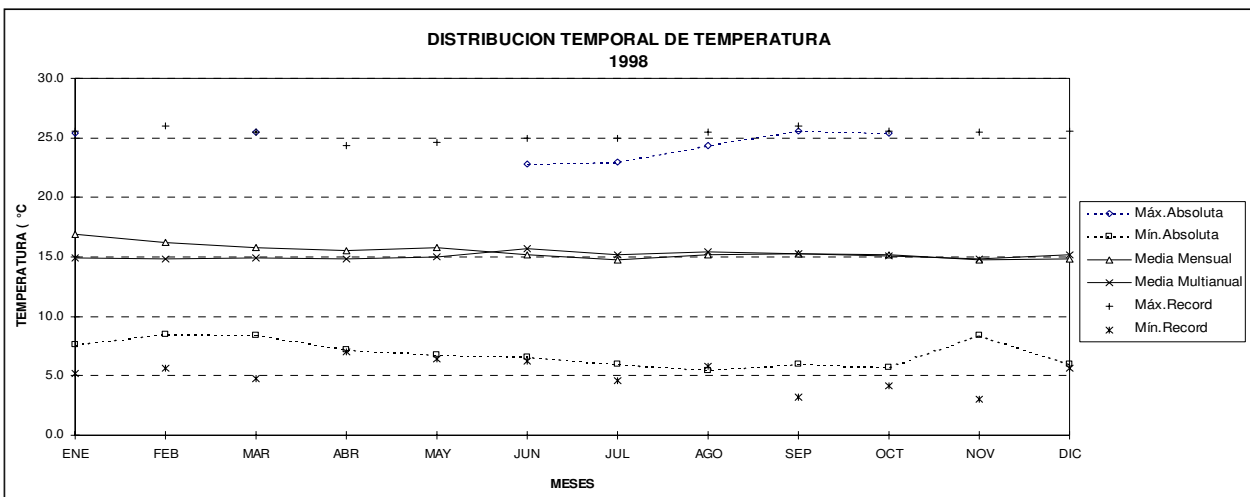
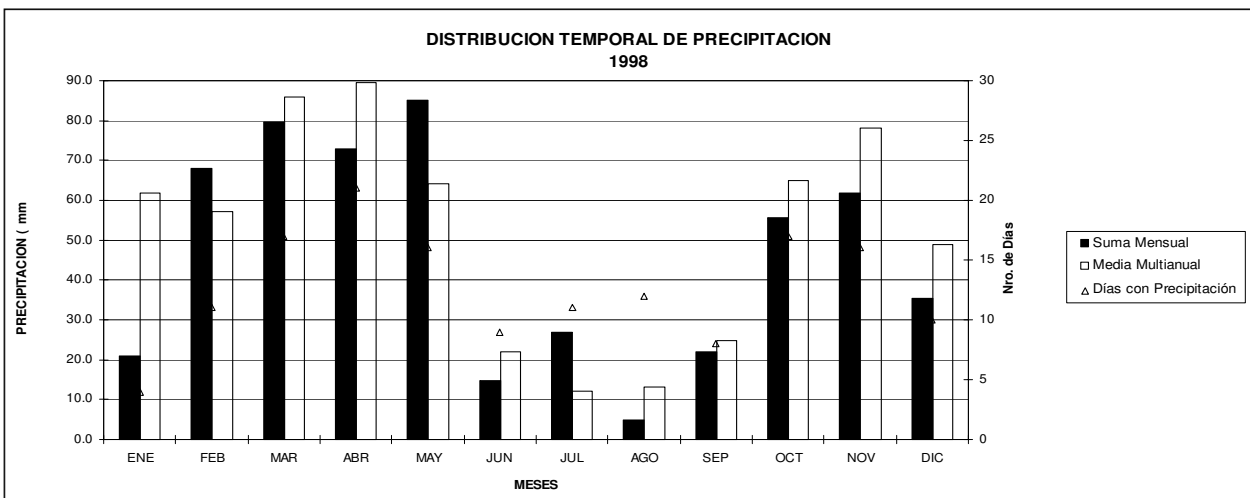
| MES         | EVAPORACION (mm) |                    |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |   |       |   |     |       |     |   |       |   |       |            | Vel. Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |       |    |       |    |  |
|-------------|------------------|--------------------|-----|-------------------------------|---|-------|-----|---|-------|---|-----|-------|-----|---|-------|---|-------|------------|----------------------------------|------------------------------|-------|----|-------|----|--|
|             | Suma<br>Mensual  | Máxima en<br>24hrs | día |                               | N                                       | NE    |     | E | SE    |   | S   | SW    |     | W | NW    |   | CALMA | Nro<br>OBS |                                  |                              |       |    |       |    |  |
|             |                  |                    |     |                               |   | (m/s) | %   |   | (m/s) | % |     | (m/s) | %   |   | (m/s) | % |       |            |                                  |                              | (m/s) | %  | (m/s) | %  |  |
| ENERO       |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |
| FEBRERO     |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |
| MARZO       |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |
| ABRIL       |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |
| MAYO        |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |
| JUNIO       |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |
| JULIO       |                  |                    |     | 8                             | 0.0                                     | 0     | 0.0 | 0 | 0.0   | 0 | 3.9 | 82    | 0.0 | 0 | 0.0   | 0 | 6.0   | 1          | 5.0                              | 2                            | 15    | 93 | 8.0   | SE |  |
| AGOSTO      |                  |                    |     | 8                             | 0.0                                     | 0     | 0.0 | 0 | 2.0   | 1 | 5.1 | 73    | 0.0 | 0 | 0.0   | 0 | 5.0   | 2          | 5.3                              | 9                            | 15    | 93 | 20.0  | SE |  |
| SEPTIEMBRE  |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |
| OCTUBRE     |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |
| NOVIEMBRE   |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |
| DICIEMBRE   |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |
| VALOR ANUAL |                  |                    |     |                               |   |       |     |   |       |   |     |       |     |   |       |   |       |            |                                  |                              |       |    |       |    |  |



**MA2T TOMALON-TABACUNDO INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         |      | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |      | Número de días con precipitación |    |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|------|----------------------------------|----|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         |      | Máxima               | día | Mínima | día | Media |                        |                           | Suma              | Máxima en 24hrs | día  |                                  |    |
|             |                       | Máxima                                | Minima | Máxima      | Minima | Mensual |      |                      |     |        |     |       |                        |                           |                   |                 |      |                                  |    |
| ENERO       | 199.7                 | 25.4                                  | 24     | 7.6         | 17     | 23.5    | 10.7 | 16.9                 | 98  | 17     | 34  | 24    | 67                     | 10.2                      | 12.5              | 20.9            | 10.6 | 8                                | 4  |
| FEBRERO     | 145.8                 |                                       |        | 8.5         | 2      | 22.6    | 10.7 | 16.2                 | 100 | 11     | 36  | 4     | 74                     | 11.1                      | 13.4              | 68.1            | 17.9 | 20                               | 11 |
| MARZO       | 141.0                 | 25.5                                  | 19     | 8.4         | 23     | 22.1    | 10.6 | 15.8                 | 98  | 2      | 39  | 26    | 76                     | 11.3                      | 13.4              | 79.6            | 19.6 | 27                               | 17 |
| ABRIL       | 143.7                 |                                       |        | 7.2         | 3      | 21.5    | 10.6 | 15.5                 | 100 | 3      | 56  | 21    | 84                     | 12.6                      | 14.7              | 73.0            | 8.4  | 13                               | 21 |
| MAYO        | 155.7                 |                                       |        | 6.8         | 30     | 20.9    | 10.6 | 15.8                 | 100 | 2      | 38  | 23    | 75                     | 10.8                      | 13.1              | 85.1            | 23.5 | 3                                | 16 |
| JUNIO       | 173.9                 | 22.8                                  | 9      | 6.6         | 14     | 20.8    | 9.1  | 15.2                 | 98  | 8      | 37  | 20    | 70                     | 9.2                       | 11.7              | 14.7            | 5.6  | 1                                | 9  |
| JULIO       | 200.1                 | 23.0                                  | 26     | 6.0         | 16     | 20.9    | 8.8  | 14.7                 | 98  | 5      | 33  | 14    | 66                     | 7.8                       | 10.7              | 26.8            | 7.3  | 9                                | 11 |
| AGOSTO      | 204.7                 | 24.4                                  | 10     | 5.5         | 6      | 22.0    | 8.9  | 15.2                 | 97  | 29     | 29  | 10    | 64                     | 7.8                       | 10.6              | 4.9             | 1.1  | 25                               | 12 |
| SEPTIEMBRE  | 173.3                 | 25.6                                  | 16     | 6.0         | 2      | 22.4    | 8.3  | 15.3                 | 98  | 22     | 28  | 1     | 67                     | 8.4                       | 11.1              | 22.1            | 10.7 | 19                               | 8  |
| OCTUBRE     | 176.1                 | 25.4                                  | 10     | 5.7         | 12     | 22.4    | 9.3  | 15.2                 | 100 | 26     | 29  | 10    | 72                     | 9.4                       | 12.0              | 55.7            | 12.0 | 25                               | 17 |
| NOVIEMBRE   | 185.9                 |                                       |        | 8.4         | 26     | 21.5    | 10.0 | 14.7                 | 100 | 5      | 39  | 26    | 83                     | 11.3                      | 13.4              | 61.8            | 9.5  | 21                               | 16 |
| DICIEMBRE   | 216.3                 |                                       |        | 6.0         | 17     | 22.6    | 8.5  | 14.8                 | 98  | 12     | 29  | 22    | 74                     | 9.5                       | 12.0              | 35.4            | 18.5 | 5                                | 10 |
| VALOR ANUAL | 2116.2                |                                       |        | 5.5         |        | 21.9    | 9.6  | 15.4                 | 100 |        | 28  |       | 72                     | 9.9                       | 12.3              | 548.1           | 23.5 |                                  |    |

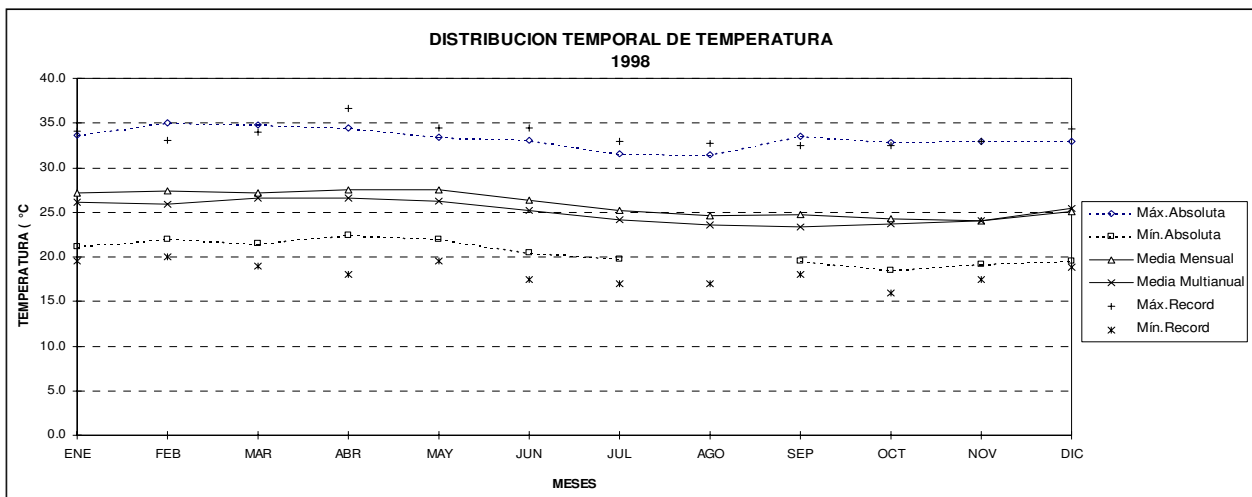
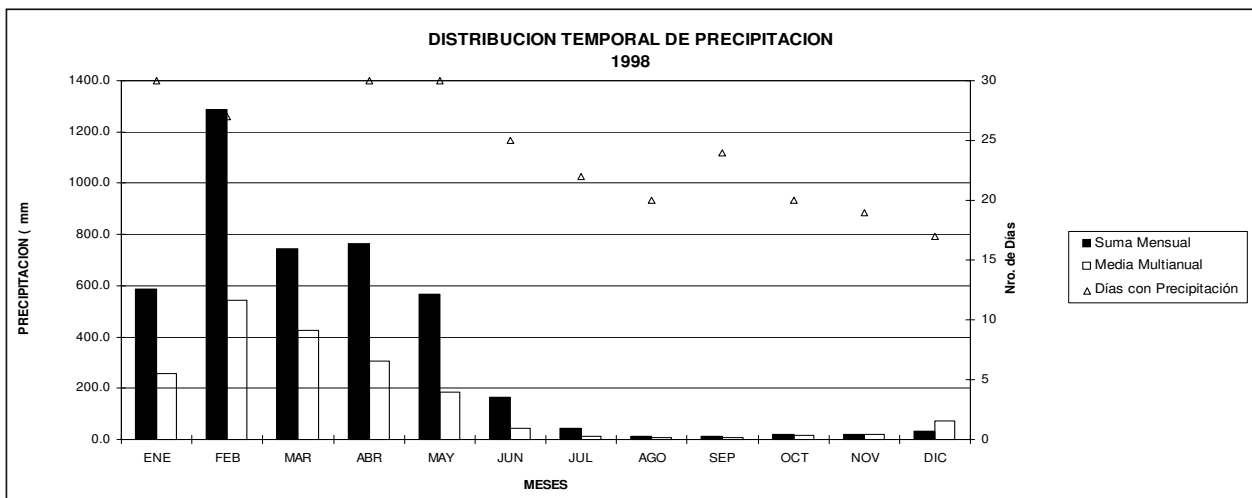
| MES         | EVAPORACION (mm) |                 |     | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |    |       |    |      |       |     |    |     |       |         |       | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |    |       |      |    |     |  |     |
|-------------|------------------|-----------------|-----|-------------------------------|---|-------|-----|----|-------|----|------|-------|-----|----|-----|-------|---------|-------|----------------------------------|---------------------------|----|-------|------|----|-----|--|-----|
|             | Suma Mensual     | Máxima en 24hrs | día |                               | N                                       | NE    |     | E  | SE    |    | S    | SW    |     | W  | NW  | CALMA | Nro OBS |       |                                  |                           |    |       |      |    |     |  |     |
|             |                  |                 |     |                               |   | (m/s) | %   |    | (m/s) | %  |      | (m/s) | %   |    |     |       |         | (m/s) |                                  |                           | %  | (m/s) | %    |    |     |  |     |
| ENERO       | 166.9            | 10.0            | 3   | 5                             |   |       |     |    |       |    |      |       |     |    |     |       |         |       |                                  | 5.4                       |    |       |      |    |     |  |     |
| FEBRERO     | 125.6            | 10.5            | 16  | 6                             |   |       |     |    |       |    |      |       |     |    |     |       |         |       |                                  | 3.9                       |    |       |      |    |     |  |     |
| MARZO       | 113.5            | 6.5             | 5   | 6                             |   |       |     |    |       |    |      |       |     |    |     |       |         |       |                                  | 3.3                       |    |       |      |    |     |  |     |
| ABRIL       | 88.5             | 5.3             | 28  | 6                             |   |       |     |    |       |    |      |       |     |    |     |       |         |       |                                  | 2.1                       |    |       |      |    |     |  |     |
| MAYO        | 130.6            | 10.0            | 20  | 5                             | 3.3                                     | 3     | 2.0 | 10 | 8.6   | 30 | 10.0 | 2     | 3.2 | 5  | 2.2 | 5     | 2.2     | 10    | 0.0                              | 0                         | 34 | 93    | 20.0 | E  | 4.7 |  |     |
| JUNIO       | 130.0            | 8.5             | 30  | 5                             | 3.3                                     | 9     | 2.8 | 7  | 6.9   | 33 | 7.2  | 6     | 4.0 | 2  | 2.3 | 4     | 1.6     | 8     | 0.0                              | 0                         | 31 | 90    | 14.0 | E  | 4.8 |  |     |
| JULIO       | 151.0            | 8.5             | 1   | 5                             | 1.2                                     | 5     | 2.3 | 8  | 7.4   | 47 | 15.3 | 3     | 0.0 | 0  | 2.0 | 1     | 1.6     | 9     | 0.0                              | 0                         | 27 | 93    | 18.0 | E  | 5.7 |  |     |
| AGOSTO      | 166.1            | 9.0             | 31  | 5                             | 2.0                                     | 1     | 2.5 | 11 | 8.2   | 40 | 9.0  | 4     | 2.0 | 3  | 3.3 | 4     | 1.7     | 15    | 16.0                             | 1                         | 20 | 93    | 18.0 | E  | 5.9 |  |     |
| SEPTIEMBRE  | 143.6            | 8.5             | 30  | 4                             | 1.7                                     | 3     | 3.2 | 14 | 7.0   | 26 | 5.3  | 7     | 3.0 | 8  | 1.5 | 4     | 1.4     | 18    | 1.0                              | 1                         | 19 | 90    | 20.0 | E  | 5.1 |  |     |
| OCTUBRE     | 137.0            | 11.0            | 1   | 5                             | 1.7                                     | 3     | 1.8 | 11 | 6.9   | 19 | 11.7 | 7     | 2.5 | 11 | 2.0 | 7     | 2.2     | 15    | 0.0                              | 0                         | 28 | 93    | 18.0 | SE | 4.5 |  |     |
| NOVIEMBRE   | 106.3            | 6.0             | 24  | 6                             | 0.0                                     | 0     | 1.8 | 4  | 4.0   | 2  | 0.0  | 0     | 2.1 | 8  | 3.1 | 21    | 2.6     | 20    | 0.0                              | 0                         | 44 | 90    | 6.0  | W  | 3.3 |  |     |
| DICIEMBRE   | 134.9            | 6.5             | 21  | 4                             | 2.3                                     | 7     | 2.5 | 12 | 2.2   | 5  | 5.0  | 4     | 2.6 | 12 | 3.3 | 12    | 3.3     | 16    | 0.0                              | 0                         | 32 | 93    | 8.0  | SE | 3.8 |  |     |
| VALOR ANUAL | 1594.0           | 11.0            |     | 5                             |   |       |     |    |       |    |      |       |     |    |     |       |         |       |                                  |                           |    |       |      |    |     |  | 4.3 |



**MA2U INGENIO AZTRA (LA TRONCAL) INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |     |        |             |        |        | HUMEDAD RELATIVA (%) |     |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |       | Número de días con precipitación |         |
|-------------|-----------------------|---------------------------------------|-----|--------|-------------|--------|--------|----------------------|-----|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|-------|----------------------------------|---------|
|             |                       | ABSOLUTAS                             |     |        | M E D I A S |        |        | Máxima               | día | Mínima | día | Media |                        |                           | Suma              | Máxima en 24hrs | día   |                                  |         |
|             |                       | Máxima                                | día | Mínima | día         | Máxima | Mínima |                      |     |        |     |       |                        |                           |                   |                 |       |                                  | Mensual |
| ENERO       | 69.8                  | 33.6                                  | 14  | 21.2   | 5           | 31.3   | 22.8   | 27.2                 | 98  | 3      | 66  | 9     | 88                     | 24.9                      | 31.6              | 586.9           | 116.2 | 23                               | 30      |
| FEBRERO     | 80.7                  | 35.0                                  | 25  | 22.0   | 9           | 32.0   | 23.2   | 27.4                 | 98  | 1      | 68  | 15    | 87                     | 25.0                      | 31.8              | 1288.9          | 177.1 | 8                                | 27      |
| MARZO       | 107.7                 | 34.8                                  | 31  | 21.5   | 22          | 32.0   | 23.2   | 27.2                 | 99  | 21     | 59  | 17    | 86                     | 24.6                      | 31.1              | 745.0           | 162.1 | 16                               | 31      |
| ABRIL       | 111.0                 | 34.5                                  | 1   | 22.4   | 6           | 32.4   | 23.4   | 27.5                 | 99  | 17     | 61  | 15    | 85                     | 24.7                      | 31.1              | 765.2           | 92.3  | 13                               | 30      |
| MAYO        | 87.9                  | 33.4                                  | 8   | 22.0   | 27          | 31.7   | 23.8   | 27.5                 | 98  | 2      | 61  | 29    | 85                     | 24.7                      | 31.2              | 565.7           | 88.1  | 2                                | 30      |
| JUNIO       | 90.4                  | 33.1                                  | 30  | 20.5   | 9           | 30.0   | 23.1   | 26.4                 | 99  | 18     | 59  | 3     | 87                     | 23.9                      | 29.7              | 165.9           | 32.0  | 22                               | 25      |
| JULIO       | 54.3                  | 31.6                                  | 1   | 19.8   | 25          | 28.8   | 22.0   | 25.2                 | 98  | 1      | 66  | 16    | 89                     | 23.2                      | 28.4              | 45.8            | 13.1  | 7                                | 22      |
| AGOSTO      | 36.0                  | 31.5                                  | 28  |        |             | 28.3   | 20.8   | 24.6                 | 99  | 14     | 67  | 25    | 87                     | 22.3                      | 26.9              | 12.6            | 3.0   | 9                                | 20      |
| SEPTIEMBRE  | 40.5                  | 33.5                                  | 7   | 19.5   | 8           | 28.4   | 20.8   | 24.7                 |     |        |     |       | 88                     | 22.5                      | 27.2              | 10.8            | 1.8   | 17                               | 24      |
| OCTUBRE     | 30.0                  | 32.8                                  | 2   | 18.5   | 26          | 28.2   | 20.3   | 24.3                 | 98  | 2      | 63  | 26    | 88                     | 22.0                      | 26.6              | 19.7            | 3.8   | 2                                | 20      |
| NOVIEMBRE   |                       | 33.0                                  | 18  | 19.2   | 23          | 28.2   | 20.6   | 24.1                 | 98  | 1      | 69  | 7     | 88                     | 21.9                      | 26.4              | 20.8            | 5.8   | 28                               | 19      |
| DICIEMBRE   |                       | 33.0                                  | 7   | 19.5   | 9           | 29.9   | 21.0   | 25.1                 | 98  | 1      | 62  | 7     | 84                     | 22.2                      | 26.8              | 31.5            | 8.4   | 17                               | 17      |
| VALOR ANUAL |                       | 35.0                                  |     |        |             | 30.1   | 22.0   | 25.9                 |     |        |     |       | 86                     | 23.4                      | 29.0              | 4258.8          | 177.1 |                                  |         |

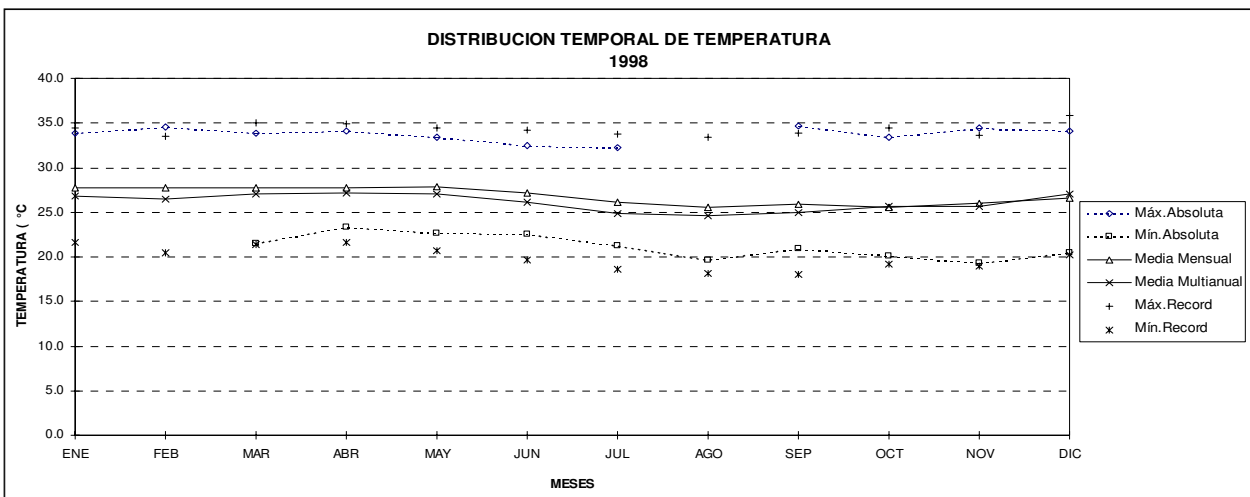
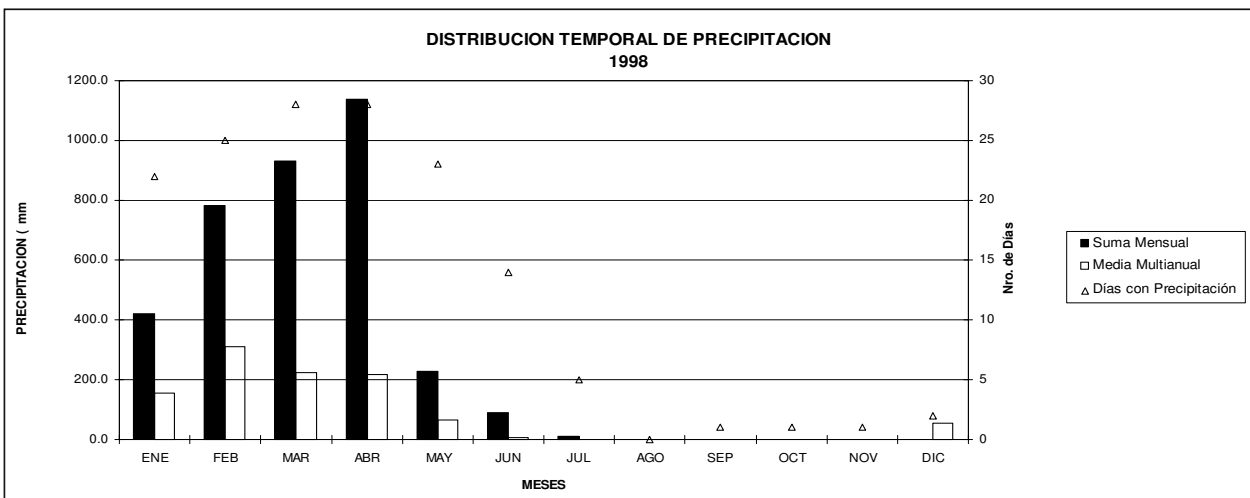
| MES         | EVAPORACION (mm) |                     |       | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |       |       |       |       |       |       |       |       |       |       |       |       |       |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |    |     |     |
|-------------|------------------|---------------------|-------|-------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|----------------------------------|---------------------------|---------|----|-----|-----|
|             | Suma Mensual     | Máxima en 24hrs día |       |                               | N                                       | NE    |       | E     |       | SE    |       | S     |       | SW    |       | W     |       | NW    |       | CALMA % |                                  |                           | Nro OBS |    |     |     |
|             |                  | (m/s)               | (m/s) |                               |   | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) | (m/s) |         |                                  |                           |         |    |     |     |
| ENERO       | 114.4            | 4.7                 | 31    | 7                             | 4.5                                     | 5     | 2.0   | 6     | 2.3   | 12    | 2.7   | 7     | 2.2   | 7     | 2.9   | 29    | 0.0   | 0     | 2.0   | 2       | 32                               | 84                        | 8.0     | N  | 1.6 |     |
| FEBRERO     | 100.5            | 4.4                 | 21    | 7                             | 2.2                                     | 11    | 2.4   | 13    | 2.5   | 4     | 3.0   | 5     | 2.0   | 1     | 2.5   | 19    | 0.0   | 0     | 2.2   | 12      | 34                               | 93                        | 6.0     | NE | 1.8 |     |
| MARZO       | 125.2            | 8.9                 | 20    | 7                             | 2.3                                     | 9     | 2.2   | 16    | 2.1   | 13    | 2.0   | 3     | 3.0   | 1     | 2.3   | 13    | 2.0   | 3     | 4.0   | 4       | 37                               | 90                        | 6.0     | NW | 1.7 |     |
| ABRIL       | 117.0            | 5.0                 | 15    | 7                             | 2.0                                     | 3     | 2.1   | 16    | 2.0   | 7     | 2.1   | 9     | 2.0   | 2     | 2.2   | 17    | 2.0   | 1     | 2.3   | 3       | 42                               | 93                        | 3.0     | NW | 1.3 |     |
| MAYO        | 96.8             | 4.3                 | 3     | 7                             | 2.0                                     | 1     | 2.0   | 23    | 2.0   | 11    | 2.3   | 8     | 2.5   | 2     | 2.2   | 14    | 0.0   | 0     | 0.0   | 0       | 40                               | 90                        | 3.0     | SE | 1.1 |     |
| JUNIO       | 94.9             | 4.0                 | 18    | 8                             | 2.0                                     | 4     | 2.0   | 14    | 2.0   | 4     | 2.0   | 16    | 2.2   | 13    | 2.0   | 3     | 2.0   | 3     | 4.0   | 1       | 41                               | 93                        | 4.0     | NW | 1.1 |     |
| JULIO       | 98.2             | 3.8                 | 8     | 8                             | 2.0                                     | 4     | 2.0   | 11    | 2.0   | 4     | 2.2   | 10    | 2.2   | 13    | 2.5   | 13    | 4.0   | 2     | 2.0   | 2       | 39                               | 90                        | 6.0     | W  | 1.6 |     |
| AGOSTO      | 79.6             | 4.2                 | 6     | 8                             | 2.0                                     | 2     | 2.0   | 4     | 2.0   | 2     | 2.0   | 3     | 2.4   | 6     | 2.2   | 14    | 2.0   | 11    | 2.0   | 2       | 54                               | 90                        | 4.0     | S  | 1.4 |     |
| SEPTIEMBRE  | 90.4             | 3.9                 | 2     | 7                             | 2.0                                     | 8     | 2.0   | 8     | 2.5   | 2     | 2.0   | 1     | 2.2   | 7     | 2.0   | 12    | 2.0   | 17    | 3.0   | 2       | 44                               | 93                        | 4.0     | NW | 1.2 |     |
| OCTUBRE     | 104.7            | 5.2                 | 18    | 8                             |   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |         |                                  |                           |         |    |     |     |
| NOVIEMBRE   | 80.3             | 3.0                 | 1     | 7                             |   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |         |                                  |                           |         |    |     |     |
| DICIEMBRE   |                  |                     |       |                               |   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |         |                                  |                           |         |    |     |     |
| VALOR ANUAL | 1213.4           | 8.9                 |       | 7                             |   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |         |                                  |                           |         |    |     | 1.3 |



**MA2V GUAYAQUIL-RADIO SONDA INAMHI**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         | HUMEDAD RELATIVA (%) |      |        |     |       | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |        | Número de días con precipitación |    |    |  |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|----------------------|------|--------|-----|-------|------------------------|---------------------------|-------------------|-----------------|--------|----------------------------------|----|----|--|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         | Máxima               | día  | Mínima | día | Media |                        |                           | Mensual           | Máxima en 24hrs | día    |                                  |    |    |  |
|             |                       | Máxima                                | Minima | Máxima      | Minima | Mensual |                      |      |        |     |       |                        |                           |                   |                 |        |                                  |    |    |  |
| ENERO       | 84.5                  | 33.9                                  | 9      | 31.3        | 25.0   | 27.7    | 98                   | 16   | 68     | 19  | 85    | 24.9                   | 31.5                      | 419.8             | 82.6            | 15     | 22                               |    |    |  |
| FEBRERO     | 75.1                  | 34.6                                  | 28     | 31.5        | 24.9   | 27.7    | 98                   | 14   | 68     | 25  | 86    | 25.1                   | 31.9                      | 783.3             | 85.5            | 17     | 25                               |    |    |  |
| MARZO       |                       | 33.9                                  | 22     | 21.5        | 8      | 32.0    | 24.8                 | 27.8 | 98     | 6   | 64    | 17                     | 86                        | 25.1              | 31.8            | 932.5  | 151.2                            | 30 | 28 |  |
| ABRIL       | 116.4                 | 34.1                                  | 12     | 23.3        | 21     | 32.0    | 24.7                 | 27.8 | 99     | 11  | 64    | 24                     | 85                        | 25.0              | 31.6            | 1137.7 | 221.8                            | 18 | 28 |  |
| MAYO        | 88.8                  | 33.4                                  | 3      | 22.7        | 27     | 31.7    | 25.1                 | 27.9 | 98     | 1   | 65    | 29                     | 83                        | 24.6              | 30.9            | 228.8  | 82.3                             | 26 | 23 |  |
| JUNIO       | 107.2                 | 32.5                                  | 19     | 22.5        | 23     | 30.9    | 24.0                 | 27.2 | 97     | 25  | 59    | 4                      | 80                        | 23.2              | 28.5            | 88.9   | 32.0                             | 1  | 14 |  |
| JULIO       | 85.0                  | 32.2                                  | 30     | 21.3        | 24     | 30.1    | 22.9                 | 26.1 | 96     | 9   | 58    | 30                     | 78                        | 21.9              | 26.2            | 11.3   | 8.0                              | 9  | 5  |  |
| AGOSTO      | 80.1                  |                                       | 19.7   | 17          | 30.0   | 21.6    | 25.6                 | 95   | 15     | 52  | 28    | 76                     | 20.8                      | 24.6              | 0.0             | 0.0    | 1                                | 0  |    |  |
| SEPTIEMBRE  | 95.7                  | 34.7                                  | 7      | 20.9        | 30     | 30.6    | 21.7                 | 25.9 | 97     | 29  | 47    | 7                      | 74                        | 20.8              | 24.5            | 0.3    | 0.3                              | 18 | 1  |  |
| OCTUBRE     | 93.5                  | 33.4                                  | 13     | 20.1        | 13     | 30.3    | 21.5                 | 25.5 | 94     | 11  | 51    | 13                     | 72                        | 19.9              | 23.3            | 0.3    | 0.3                              | 24 | 1  |  |
| NOVIEMBRE   | 101.3                 | 34.4                                  | 18     | 19.3        | 11     | 30.5    | 21.8                 | 26.0 | 95     | 11  | 46    | 7                      | 71                        | 20.2              | 23.7            | 0.1    | 0.1                              | 14 | 1  |  |
| DICIEMBRE   | 106.2                 | 34.1                                  | 31     | 20.5        | 8      | 31.4    | 22.5                 | 26.6 |        |     |       |                        | 69                        | 20.2              | 23.7            | 0.4    | 0.2                              | 15 | 2  |  |
| VALOR ANUAL |                       |                                       |        | 31.0        | 23.3   | 26.8    |                      |      |        |     |       | 78                     | 22.6                      | 27.6              | 3603.4          | 221.8  |                                  |    |    |  |

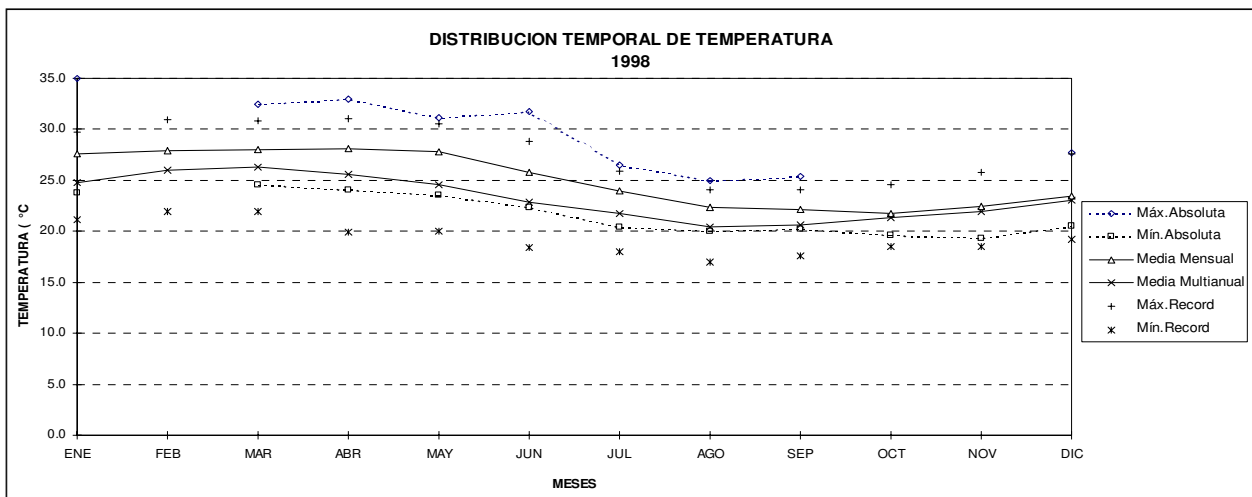
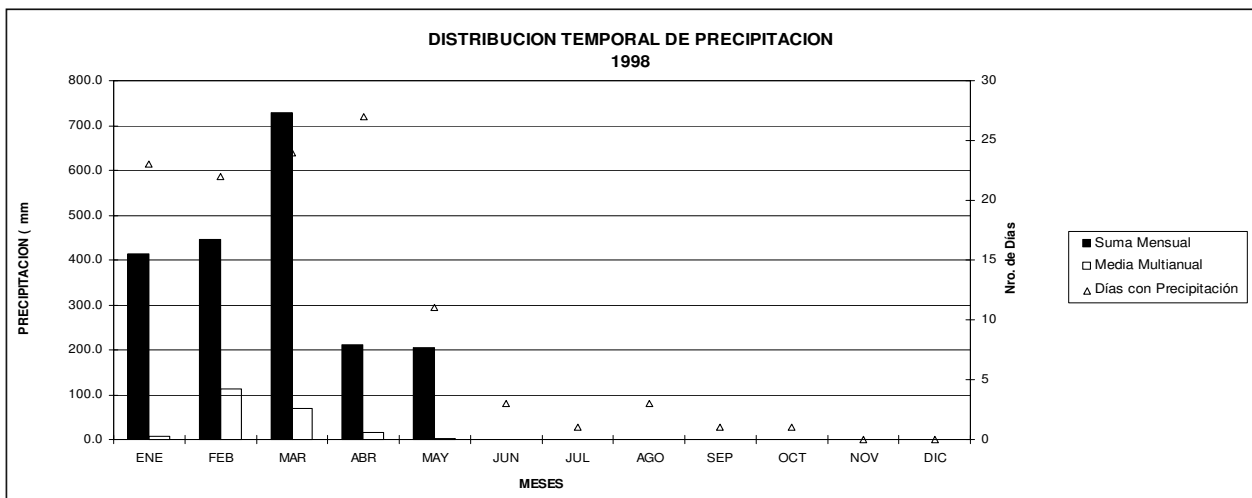
| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         | Vel Mayor Observada<br>(m/s) DIR | VELOCIDAD MEDIA<br>(Km/h) |         |       |   |
|-------------|------------------|-----------------|---------------|-------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---------|----------------------------------|---------------------------|---------|-------|---|
|             | Suma Mensual     | Máxima en 24hrs | Máxima en día |                               | N                                       | NE    |     | E     |     | SE    |     | S     |     | SW    |     | W     |     | NW    |     | CALMA % |                                  |                           | Nro OBS |       |   |
|             |                  |                 |               |                               |   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   | (m/s) | %   |         |                                  |                           |         | (m/s) | % |
| ENERO       | 102.4            | 7.0             | 17            | 7                             | 1.6                                     | 5     | 1.4 | 14    | 1.3 | 4     | 1.0 | 3     | 2.0 | 8     | 2.0 | 13    | 0.0 | 0     | 1.0 | 3       | 50                               | 93                        | 4.0     | SW    |   |
| FEBRERO     | 82.9             | 5.6             | 15            | 7                             | 1.5                                     | 2     | 1.3 | 14    | 1.4 | 11    | 1.0 | 2     | 2.0 | 1     | 2.7 | 7     | 2.0 | 4     | 2.0 | 10      | 49                               | 84                        | 5.0     | SW    |   |
| MARZO       | 94.2             | 5.2             | 17            | 6                             | 1.0                                     | 1     | 1.5 | 13    | 2.1 | 9     | 1.2 | 7     | 2.5 | 4     | 2.2 | 5     | 2.3 | 4     | 1.3 | 9       | 48                               | 93                        | 4.0     | E     |   |
| ABRIL       | 91.9             | 6.1             | 21            | 7                             | 4.5                                     | 2     | 1.6 | 13    | 1.3 | 8     | 1.0 | 1     | 1.0 | 1     | 2.2 | 13    | 1.3 | 7     | 2.0 | 4       | 50                               | 90                        | 6.0     | SW    |   |
| MAYO        | 110.0            | 8.6             | 13            | 7                             | 4.0                                     | 4     | 1.3 | 11    | 2.3 | 4     | 2.0 | 3     | 3.3 | 3     | 2.1 | 29    | 2.8 | 4     | 3.0 | 3       | 38                               | 93                        | 12.0    | N     |   |
| JUNIO       | 111.0            | 5.3             | 4             | 6                             | 1.0                                     | 1     | 1.5 | 7     | 1.7 | 3     | 1.3 | 3     | 2.2 | 6     | 2.7 | 36    | 1.5 | 2     | 0.0 | 0       | 42                               | 90                        | 6.0     | SW    |   |
| JULIO       | 112.9            | 6.2             | 21            | 6                             | 8.0                                     | 1     | 1.5 | 7     | 1.8 | 4     | 3.0 | 2     | 2.1 | 9     | 2.4 | 51    | 0.0 | 0     | 0.0 | 0       | 27                               | 93                        | 10.0    | SW    |   |
| AGOSTO      | 129.0            | 6.7             | 28            | 6                             | 2.0                                     | 1     | 1.0 | 2     | 1.6 | 8     | 1.9 | 10    | 2.4 | 17    | 2.3 | 42    | 0.0 | 0     | 0.0 | 0       | 20                               | 93                        | 6.0     | S     |   |
| SEPTIEMBRE  | 133.4            | 7.3             | 23            | 6                             | 0.0                                     | 0     | 2.0 | 2     | 1.5 | 4     | 1.3 | 10    | 2.0 | 30    | 2.0 | 37    | 1.0 | 1     | 0.0 | 0       | 16                               | 90                        | 8.0     | SW    |   |
| OCTUBRE     | 161.8            | 7.5             | 13            | 6                             | 0.0                                     | 0     | 2.0 | 2     | 1.5 | 4     | 1.8 | 13    | 2.3 | 39    | 2.2 | 34    | 0.0 | 0     | 0.0 | 0       | 8                                | 93                        | 6.0     | S     |   |
| NOVIEMBRE   | 155.9            | 8.2             | 7             | 6                             | 0.0                                     | 0     | 1.4 | 6     | 1.5 | 12    | 2.3 | 10    | 2.1 | 22    | 2.0 | 34    | 2.0 | 4     | 0.0 | 0       | 11                               | 90                        | 5.0     | S     |   |
| DICIEMBRE   | 177.7            | 9.3             | 12            | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |
| VALOR ANUAL | 1463.1           | 9.3             |               | 6                             |   |       |     |       |     |       |     |       |     |       |     |       |     |       |     |         |                                  |                           |         |       |   |



**MA50 LA LIBERTAD-INOCAR INOCAR**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |        |             |        |         |      | HUMEDAD RELATIVA (%) |            |       |         | PUNTO DE ROCIO<br>(°C) | TENSION DE VAPOR<br>(hPa) | PRECIPITACION(mm) |                 |     | Número de días con precipitación |
|-------------|-----------------------|---------------------------------------|--------|-------------|--------|---------|------|----------------------|------------|-------|---------|------------------------|---------------------------|-------------------|-----------------|-----|----------------------------------|
|             |                       | ABSOLUTAS                             |        | M E D I A S |        |         |      | Máxima día           | Mínima día | Media | Mensual |                        |                           | Suma              | Máxima en 24hrs | día |                                  |
|             |                       | Máxima                                | Mínima | Máxima      | Mínima | Mensual |      |                      |            |       |         |                        |                           |                   |                 |     |                                  |
| ENERO       |                       | 35.0                                  | 28     | 23.8        | 4      | 29.9    | 25.9 | 27.6                 |            |       |         |                        | 413.7                     | 112.2             | 15              | 23  |                                  |
| FEBRERO     |                       |                                       |        |             |        | 30.3    | 25.6 | 27.9                 |            |       |         |                        | 445.4                     | 80.8              | 13              | 22  |                                  |
| MARZO       |                       | 32.5                                  | 24     | 24.6        | 29     | 30.4    | 25.8 | 28.0                 |            |       |         |                        | 728.9                     | 180.0             | 22              | 24  |                                  |
| ABRIL       |                       | 33.0                                  | 12     | 24.1        | 10     | 30.7    | 25.9 | 28.1                 |            |       |         |                        | 211.8                     | 46.4              | 29              | 27  |                                  |
| MAYO        |                       | 31.2                                  | 5      | 23.6        | 27     | 29.7    | 26.3 | 27.8                 |            |       |         |                        | 205.5                     | 59.9              | 3               | 11  |                                  |
| JUNIO       |                       | 31.8                                  | 2      | 22.4        | 20     | 27.4    | 24.7 | 25.8                 |            |       |         |                        | 1.0                       | 0.4               | 1               | 3   |                                  |
| JULIO       |                       | 26.5                                  | 30     | 20.4        | 3      | 25.1    | 22.9 | 24.0                 |            |       |         |                        | 0.2                       | 0.2               | 19              | 1   |                                  |
| AGOSTO      |                       | 25.0                                  | 5      | 20.0        | 17     | 23.6    | 21.5 | 22.4                 |            |       |         |                        | 0.3                       | 0.1               | 8               | 3   |                                  |
| SEPTIEMBRE  |                       | 25.4                                  | 10     | 20.2        | 8      | 23.3    | 21.2 | 22.2                 |            |       |         |                        | 0.2                       | 0.2               | 9               | 1   |                                  |
| OCTUBRE     |                       |                                       |        | 19.6        | 20     | 22.8    | 20.9 | 21.7                 |            |       |         |                        | 0.1                       | 0.1               | 3               | 1   |                                  |
| NOVIEMBRE   |                       |                                       |        | 19.3        | 11     | 23.7    | 21.5 | 22.5                 |            |       |         |                        | 0.0                       | 0.0               | 1               | 0   |                                  |
| DICIEMBRE   |                       | 27.7                                  | 31     | 20.5        | 9      | 24.8    | 22.5 | 23.5                 |            |       |         |                        | 0.0                       | 0.0               | 1               | 0   |                                  |
| VALOR ANUAL |                       |                                       |        |             |        | 26.8    | 23.7 | 25.1                 |            |       |         |                        | 2007.1                    | 180.0             |                 |     |                                  |

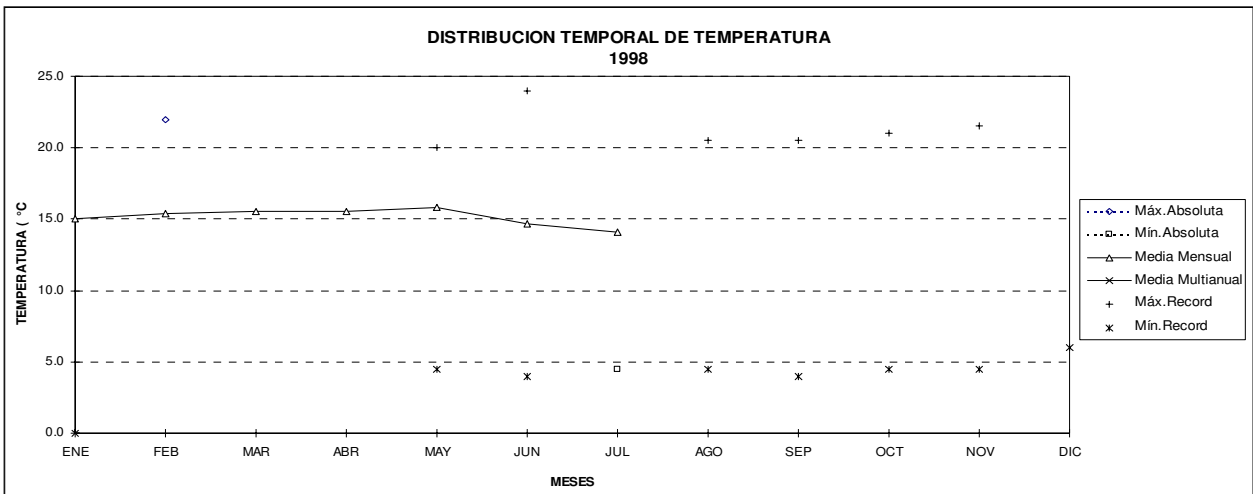
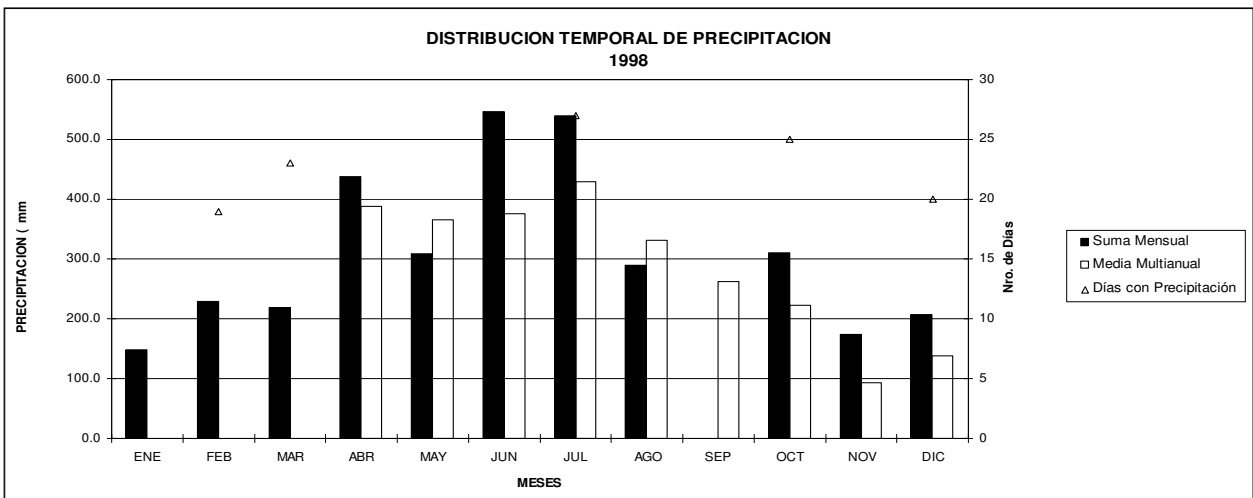
| MES         | EVAPORACION (mm) |                 |               | NUBOSIDAD<br>MEDIA (Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |       |     |       |     |       |     |   |       |   |       |    |     |         |         |       | Vel Mayor Observada (m/s) | VELOCIDAD MEDIA (Km/h) |      |    |  |
|-------------|------------------|-----------------|---------------|----------------------------|---|-------|-----|-------|-----|-------|-----|---|-------|---|-------|----|-----|---------|---------|-------|---------------------------|------------------------|------|----|--|
|             | Suma Mensual     | Máxima en 24hrs | Mínima en día |                            | N                                       | NE    |     | E     |     | SE    |     | S | SW    |   | W     |    | NW  | CALMA % | Nro OBS |       |                           |                        |      |    |  |
|             |                  |                 |               |                            |   | (m/s) | %   | (m/s) | %   | (m/s) | %   |   | (m/s) | % | (m/s) | %  |     |         |         | (m/s) |                           |                        | %    |    |  |
| ENERO       | 104.2            | 6.5             | 2             | 7                          | 6.0                                     | 7     | 2.3 | 4     | 3.5 | 4     | 3.1 | 9 | 3.8   | 7 | 4.3   | 27 | 5.0 | 16      | 5.3     | 24    | 3                         | 93                     | 11.0 | NW |  |
| FEBRERO     | 92.1             | 5.0             | 17            | 8                          |   |       |     |       |     |       |     |   |       |   |       |    |     |         |         |       |                           |                        |      |    |  |
| MARZO       | 105.1            | 6.6             | 25            | 7                          | 3.3                                     | 8     | 3.3 | 9     | 2.5 | 13    | 2.5 | 4 | 4.0   | 5 | 4.4   | 18 | 5.0 | 22      | 4.9     | 19    | 2                         | 93                     | 11.0 | NW |  |
| ABRIL       | 112.5            | 6.0             | 24            | 7                          | 2.0                                     | 1     | 2.0 | 3     | 3.7 | 16    | 3.8 | 6 | 2.8   | 4 | 3.6   | 23 | 4.7 | 17      | 4.9     | 23    | 7                         | 90                     | 10.0 | NW |  |
| MAYO        | 158.5            | 7.4             | 23            | 7                          | 2.5                                     | 2     | 4.0 | 1     | 1.5 | 2     | 3.0 | 4 | 5.2   | 7 | 5.3   | 56 | 5.2 | 7       | 4.4     | 12    | 10                        | 93                     | 11.0 | SW |  |
| JUNIO       | 155.0            | 6.5             | 5             | 7                          | 0.0                                     | 0     | 0.0 | 0     | 2.0 | 1     | 0.0 | 0 | 3.7   | 3 | 5.1   | 53 | 5.7 | 29      | 5.5     | 7     | 7                         | 90                     | 11.0 | SW |  |
| JULIO       | 147.4            | 6.0             | 4             | 7                          | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0 | 4.0   | 7 | 5.8   | 43 | 6.4 | 44      | 6.0     | 3     | 3                         | 93                     | 11.0 | W  |  |
| AGOSTO      | 125.3            | 6.6             | 13            | 8                          | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 4.0 | 2 | 3.5   | 2 | 4.8   | 41 | 6.0 | 45      | 5.5     | 7     | 3                         | 93                     | 10.0 | W  |  |
| SEPTIEMBRE  | 113.2            | 5.6             | 29            | 7                          | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0 | 6.0   | 2 | 5.0   | 56 | 5.5 | 34      | 5.4     | 8     | 0                         | 90                     | 11.0 | W  |  |
| OCTUBRE     | 127.9            | 6.7             | 22            | 8                          | 0.0                                     | 0     | 0.0 | 0     | 0.0 | 0     | 0.0 | 0 | 3.0   | 4 | 5.8   | 53 | 5.9 | 39      | 7.0     | 3     | 1                         | 93                     | 13.0 | W  |  |
| NOVIEMBRE   | 126.9            | 6.2             | 24            | 7                          |   |       |     |       |     |       |     |   |       |   |       |    |     |         |         |       |                           |                        |      |    |  |
| DICIEMBRE   | 139.6            | 6.5             | 30            | 6                          | 0.0                                     | 0     | 2.0 | 1     | 0.0 | 0     | 0.0 | 0 | 0.0   | 0 | 3.7   | 45 | 4.8 | 39      | 5.8     | 14    | 1                         | 93                     | 11.0 | SW |  |
| VALOR ANUAL | 1507.7           | 7.4             |               | 7                          |   |       |     |       |     |       |     |   |       |   |       |    |     |         |         |       |                           |                        |      |    |  |



**MA54 SIERRAZUL**

| MES         | HELIOFANIA<br>(Horas) | TEMPERATURA DEL AIRE A LA SOMBRA (°C) |            |             |        |         | HUMEDAD RELATIVA (%) |            |       |         | PUNTO<br>DE ROCIO<br>(°C) | TENSION<br>DE VAPOR<br>(hPa) | PRECIPITACION(mm)  |         |    | Número<br>de días con<br>precipitación |
|-------------|-----------------------|---------------------------------------|------------|-------------|--------|---------|----------------------|------------|-------|---------|---------------------------|------------------------------|--------------------|---------|----|--|
|             |                       | ABSOLUTAS                             |            | M E D I A S |        |         | Máxima día           | Mínima día | Media | Mensual |                           |                              | Máxima en<br>24hrs | Mensual |    |  |
|             |                       | Máxima día                            | Mínima día | Máxima      | Mínima | Mensual |                      |            |       |         |                           |                              |                    |         |    |  |
| ENERO       |                       |                                       |            | 19.4        | 10.9   | 15.0    |                      |            |       | 90      | 13.4                      | 15.4                         | 148.9              |         |    |  |
| FEBRERO     |                       | 22.0                                  | 4          | 20.4        | 10.7   | 15.4    |                      |            |       | 89      | 13.6                      | 15.7                         | 229.0              | 30.2    | 18 | 19                                     |
| MARZO       |                       |                                       |            | 20.4        | 11.2   | 15.5    |                      |            |       | 90      | 13.9                      | 15.9                         | 218.6              | 27.0    | 6  | 23                                     |
| ABRIL       |                       |                                       |            | 19.8        | 11.7   | 15.5    |                      |            |       | 92      | 14.2                      | 16.2                         | 437.4              |         |    |  |
| MAYO        |                       |                                       |            | 19.8        | 11.0   | 15.8    |                      |            |       | 90      | 14.1                      | 16.1                         | 309.3              |         |    |  |
| JUNIO       |                       |                                       |            | 18.4        | 9.7    | 14.7    |                      |            |       | 90      | 13.0                      | 15.0                         | 546.6              |         |    |  |
| JULIO       |                       |                                       | 4.5        | 12          | 17.7   | 8.8     | 14.1                 |            |       | 90      | 12.4                      | 14.4                         | 539.6              | 115.4   | 11 | 27                                     |
| AGOSTO      |                       |                                       |            | 18.4        | 8.5    |         |                      |            |       |         |                           |                              | 289.8              |         |    |  |
| SEPTIEMBRE  |                       |                                       |            |             |        |         |                      |            |       |         |                           |                              |                    |         |    |  |
| OCTUBRE     |                       |                                       |            | 19.7        | 9.3    |         |                      |            |       |         |                           |                              | 310.1              | 51.2    | 21 | 25                                     |
| NOVIEMBRE   |                       |                                       |            | 20.4        | 10.0   |         |                      |            |       |         |                           |                              | 174.4              |         |    |  |
| DICIEMBRE   |                       |                                       |            | 19.9        | 8.2    |         |                      |            |       |         |                           |                              | 207.4              | 28.8    | 10 | 20                                     |
| VALOR ANUAL |                       |                                       |            |             |        |         |                      |            |       |         |                           |                              |                    |         |    |  |

| MES         | EVAPORACION (mm) |                    |                  | NUBOSIDAD<br>MEDIA<br>(Octas) | VELOCIDAD MEDIA Y FRECUENCIAS DE VIENTO |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    | Vel. Mayor<br>Observada<br>(m/s) | VELOCIDAD<br>MEDIA<br>(Km/h) |            |            |     |
|-------------|------------------|--------------------|------------------|-------------------------------|---|---|-------|---|-------|---|-------|---|-------|---|-------|---|-------|---|-------|----|----------------------------------|------------------------------|------------|------------|-----|
|             | Mensual          | Máxima en<br>24hrs | Máxima en<br>día |                               | N                                       |   | NE    |   | E     |   | SE    |   | S     |   | SW    |   | W     |   | NW    |    |                                  |                              | CALMA<br>% | Nro<br>OBS |     |
|             |                  |                    |                  |                               | (m/s)                                   | % | (m/s) | % | (m/s) | % | (m/s) | % | (m/s) | % | (m/s) | % | (m/s) | % | (m/s) | %  |                                  |                              |            |            |     |
| ENERO       | 54.7             |                    |                  | 6                             |   |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    |                                  | 6.0                          | SW         | 0.5        |     |
| FEBRERO     |                  |                    |                  | 5                             | 2.0                                     | 4 | 0.0   | 0 | 0.0   | 0 | 4.0   | 1 | 0.0   | 0 | 5.0   | 2 | 0.0   | 0 | 2.3   | 10 | 83                               | 84                           | 6.0        | SW         | 0.8 |
| MARZO       | 51.6             | 4.2                | 16               | 6                             | 0.0                                     | 0 | 2.0   | 7 | 2.0   | 3 | 2.0   | 2 | 2.0   | 3 | 2.8   | 5 | 4.0   | 1 | 2.5   | 12 | 67                               | 93                           | 4.0        | NW         | 0.7 |
| ABRIL       |                  |                    |                  |                               |   |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    |                                  |                              |            |            |     |
| MAYO        |                  |                    |                  | 7                             |   |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    |                                  |                              |            |            | 0.7 |
| JUNIO       |                  |                    |                  | 6                             | 2.0                                     | 2 | 1.5   | 2 | 2.0   | 1 | 1.0   | 1 | 0.0   | 0 | 1.0   | 1 | 0.0   | 0 | 1.8   | 18 | 74                               | 93                           | 3.0        | NW         | 0.2 |
| JULIO       |                  |                    |                  | 6                             |   |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    |                                  |                              |            |            | 0.2 |
| AGOSTO      |                  |                    |                  | 6                             |   |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    |                                  |                              |            |            | 0.2 |
| SEPTIEMBRE  |                  |                    |                  |                               |   |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    |                                  |                              |            |            |     |
| OCTUBRE     |                  |                    |                  | 6                             |   |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    |                                  |                              |            |            | 1.0 |
| NOVIEMBRE   |                  |                    |                  |                               |   |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    |                                  |                              |            |            |     |
| DICIEMBRE   | 59.2             |                    |                  | 5                             |   |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    |                                  |                              |            |            | 1.2 |
| VALOR ANUAL |                  |                    |                  |                               |   |   |       |   |       |   |       |   |       |   |       |   |       |   |       |    |                                  |                              |            |            |     |







VALORES PLUVIOMETRICOS MENSUALES (mm)

| CODIGO | ENE.  | FEB.   | MAR.  | ABR.   | MAY.  | JUN.  | JUL.  | AGO.  | SEP.  | OCT.  | NOV.  | DIC.  | TOTAL ANUAL | Máxima en 24 Hrs Fecha | Número de días |     |
|--------|-------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|------------------------|----------------|-----|
| M172   | 974.3 | 642.6  | 540.5 | 674.5  | 455.6 | 243.7 | 210.8 | 19.8  | 3.1   | 0.6   | 33.3  | 28.0  | 3826.8      | 240.0                  | 30-ene         | 173 |
| M173   |       |        |       |        |       |       | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0         |                        |                |     |
| M174   | 575.7 | 582.8  | 600.4 | 406.6  | 289.8 | 17.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2472.3      | 180.2                  | 05-mar         | 87  |
| M175   | 699.7 | 686.2  | 518.2 | 570.2  | 275.0 | 42.5  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |             |                        |                |     |
| M176   | 169.2 | 144.0  | 117.7 | 197.8  | 131.9 | 61.6  | 22.4  | 19.7  | 6.6   | 7.2   |       | 10.6  |             |                        |                |     |
| M180   | 126.8 | 343.5  | 402.3 | 404.8  | 175.0 | 6.9   | 2.0   | 5.7   | 12.3  | 23.2  | 35.3  | 57.0  | 1594.8      | 55.5                   | 05-abr         | 199 |
| M184   | 985.8 | 653.3  | 420.8 | 401.1  | 388.6 | 323.6 | 156.1 | 47.5  | 58.7  | 49.3  | 32.0  | 11.9  | 3528.7      |                        |                |     |
| M185   | 906.5 | 739.3  | 463.1 | 384.4  | 351.0 | 255.5 | 143.4 | 69.6  | 67.5  | 64.5  | 30.7  | 16.2  | 3491.7      | 157.9                  | 23-ene         | 287 |
| M188   | 66.4  | 43.8   | 54.0  | 84.6   | 70.6  | 276.1 | 257.3 | 113.0 |       |       |       |       |             |                        |                |     |
| M189   | 157.9 | 74.7   | 186.9 | 320.9  | 172.0 | 239.9 | 132.4 | 99.4  | 89.0  | 222.4 | 79.2  | 51.5  | 1826.2      | 96.4                   | 23-oct         | 192 |
| M190   |       |        | 86.5  |        | 119.6 | 220.9 | 167.2 | 59.3  | 39.4  | 88.6  | 79.8  | 3.5   |             |                        |                |     |
| M191   | 351.3 | 342.9  | 221.3 | 447.4  | 245.6 | 53.5  | 5.1   | 15.9  | 3.6   | 3.1   | 15.3  | 3.5   | 1708.5      | 161.3                  | 28-abr         | 158 |
| M192   | 356.1 | 376.4  | 320.0 | 509.0  | 258.7 | 96.1  | 16.6  | 44.8  | 11.1  | 15.5  | 27.1  | 9.1   | 2040.5      | 130.9                  | 28-abr         | 174 |
| M195   | 580.7 | 719.9  | 483.1 | 613.4  | 243.2 | 76.6  | 10.2  | 1.5   | 8.6   | 7.5   | 1.8   | 18.4  | 2764.9      | 188.5                  | 26-feb         | 139 |
| M218   | 762.7 | 1085.4 | 662.8 | 1123.2 | 603.0 | 275.7 | 79.8  | 1.1   | 1.3   | 2.5   | 0.7   | 148.6 | 4746.8      | 280.5                  | 21-feb         | 179 |
| M221   | 389.4 | 215.0  | 288.6 | 589.7  | 201.0 | 144.5 | 6.3   | 2.3   | 0.6   | 3.5   | 2.7   |       |             |                        |                |     |
| M224   | 650.2 | 306.1  | 516.8 | 798.1  | 402.0 | 637.1 | 530.4 | 87.5  | 175.4 | 53.9  | 121.1 | 118.5 | 4397.1      | 150.5                  | 05-ene         | 261 |
| M228   | 512.1 | 652.6  | 435.1 | 733.4  | 265.8 | 45.5  | 1.7   | 0.6   | 0.0   | 1.6   | 0.5   | 18.4  | 2667.3      | 97.7                   | 16-mar         | 131 |
| M241   | 164.1 | 396.1  | 296.3 | 230.8  | 158.1 | 0.3   | 0.0   | 15.7  | 21.3  | 116.4 | 88.8  | 77.8  | 1565.7      | 100.2                  | 08-feb         | 98  |
| M243   | 21.9  | 75.1   | 50.6  | 106.2  | 93.2  | 54.6  | 39.8  | 14.3  | 16.4  | 78.8  | 24.0  | 3.3   | 578.2       | 32.3                   | 20-abr         | 89  |
| M258   | 22.5  | 42.8   | 29.6  | 99.6   | 94.3  | 83.2  | 57.5  | 38.8  | 14.5  | 61.4  | 11.8  | 11.4  | 567.4       | 24.4                   | 18-abr         | 199 |
| M269   | 332.2 | 427.0  | 526.0 | 427.9  | 235.4 | 229.5 | 41.6  | 16.4  | 49.1  | 0.9   | 4.2   | 3.5   | 2293.7      | 167.2                  | 11-mar         | 170 |
| M283   | 817.3 | 744.4  | 886.6 | 779.4  | 603.8 | 432.1 | 198.8 | 63.6  | 43.3  | 19.5  | 28.2  |       |             |                        |                |     |
| M292   | 452.2 | 469.2  | 290.9 | 288.6  | 162.8 | 63.7  | 33.9  | 8.3   | 12.6  | 18.9  | 10.1  | 31.8  | 1843.0      | 130.6                  | 14-mar         | 229 |
| M293   | 279.3 | 264.4  | 310.6 | 363.2  | 423.6 | 396.6 | 234.4 | 236.2 | 157.8 | 271.2 | 372.9 | 226.4 | 3536.6      | 120.0                  | 21-ago         | 209 |
| M301   | 7.8   | 15.0   | 22.5  | 26.6   | 36.8  |       |       | 9.9   | 6.0   | 43.1  |       |       | 38.3        |                        |                |     |
| M303   | 12.3  | 32.1   | 91.8  | 65.2   | 104.0 | 17.2  | 33.3  | 49.3  |       |       |       |       |             |                        |                |     |
| M305   | 50.7  | 33.5   | 74.8  | 82.1   | 113.4 | 83.1  | 58.3  | 117.4 | 49.3  | 123.6 |       | 7.1   |             |                        |                |     |
| M308   | 55.8  | 57.7   | 93.3  | 144.2  | 163.2 | 64.5  | 63.8  | 98.2  | 40.9  | 214.3 | 143.5 | 94.1  | 1233.5      |                        |                |     |
| M310   | 36.6  | 71.0   | 112.0 | 71.8   | 129.2 | 38.3  | 47.2  | 96.5  | 26.0  | 141.9 | 127.4 | 55.8  | 953.7       |                        |                |     |
| M312   | 43.8  | 34.1   | 39.8  | 44.8   | 87.5  | 4.6   | 11.4  | 14.6  | 7.4   | 53.3  | 153.6 | 40.8  | 535.7       |                        |                |     |
| M314   | 35.7  | 20.4   | 47.8  | 39.7   | 75.1  | 3.2   | 15.8  | 34.1  | 18.5  | 84.9  | 66.4  | 13.3  | 454.9       |                        |                |     |
| M315   | 7.5   | 24.3   | 84.4  | 41.7   | 64.6  | 16.1  | 24.0  | 35.9  | 8.9   | 47.6  | 60.8  | 38.1  | 453.9       |                        |                |     |
| M317   | 28.1  | 93.9   | 179.3 | 278.9  |       | 107.5 | 81.7  | 70.4  | 187.6 | 90.2  | 105.6 | 18.5  |             |                        |                |     |
| M318   | 62.6  | 197.9  | 330.8 | 249.1  | 243.7 | 30.6  | 25.0  | 33.8  | 50.8  | 36.4  | 139.2 | 69.3  | 1469.2      |                        |                |     |
| M319   | 28.3  | 117.2  | 133.0 | 218.0  | 180.7 | 22.4  | 26.0  | 12.9  | 28.0  | 119.4 | 92.9  | 63.9  | 1042.7      |                        |                |     |
| M321   | 49.9  | 69.1   | 159.6 | 129.4  | 242.5 | 53.8  | 0.0   | 18.3  | 34.1  | 230.6 | 118.9 | 124.6 | 1230.8      |                        |                |     |
| M322   | 48.7  | 130.9  | 66.7  | 272.3  | 377.0 | 3.0   | 0.0   | 22.3  | 51.8  | 0.7   | 133.8 | 6.9   | 1114.1      |                        |                |     |
| M324   | 35.6  | 74.6   | 108.3 | 69.1   | 81.6  | 111.3 | 133.6 |       | 10.0  | 125.9 | 60.9  | 55.5  |             |                        |                |     |
| M325   | 115.0 | 210.4  | 153.3 | 284.8  | 247.2 | 62.0  | 58.1  | 42.7  | 97.8  | 30.7  | 120.4 | 57.1  | 1479.5      |                        |                |     |
| M326   | 101.6 | 286.2  | 203.0 | 303.4  | 290.3 | 68.1  | 56.5  | 37.4  | 127.7 | 29.3  | 119.3 | 88.2  | 1711.0      |                        |                |     |
| M327   | 20.8  | 92.4   | 59.7  | 365.0  | 105.1 | 53.5  | 22.2  | 40.3  | 57.4  | 23.4  | 44.7  | 57.1  | 941.6       |                        |                |     |
| M328   |       |        | 20.9  | 65.4   | 121.8 | 28.4  | 156.9 | 189.1 | 105.5 | 150.4 | 134.9 | 67.6  |             |                        |                |     |
| M335   | 77.6  | 202.6  | 174.6 | 271.0  | 278.0 | 21.5  | 43.9  | 49.5  | 120.8 | 150.9 | 103.0 | 111.8 | 1605.2      | 54.2                   | 08-feb         | 137 |
| M337   | 25.6  | 97.9   | 142.7 | 195.4  | 136.9 | 40.0  | 44.7  | 48.9  | 69.0  | 98.3  | 224.4 | 42.4  | 1166.2      |                        |                |     |
| M339   | 151.6 | 403.1  | 459.6 | 466.2  | 380.2 | 111.8 | 155.2 | 107.1 | 109.6 | 28.7  | 118.5 | 109.2 | 2600.8      |                        |                |     |
| M341   | 29.8  | 55.1   | 57.0  | 61.9   | 69.2  | 31.4  | 22.3  | 5.8   | 23.7  | 80.8  | 30.0  | 14.8  | 481.8       |                        |                |     |
| M343   | 14.8  | 41.2   | 38.7  | 35.6   | 70.5  | 0.7   | 0.0   | 0.3   | 0.0   | 22.0  | 53.8  | 7.3   | 284.9       |                        |                |     |
| M345   | 21.8  | 133.0  | 97.1  | 76.0   | 45.3  | 24.0  | 0.0   | 24.2  | 27.4  | 49.0  | 41.0  | 10.0  | 548.8       |                        |                |     |
| M346   | 56.1  | 39.0   | 86.6  | 126.9  | 118.8 | 15.4  | 28.3  | 20.2  | 12.0  | 107.9 | 117.1 | 32.7  | 761.0       |                        |                |     |
| M348   | 278.0 | 432.8  | 282.7 | 329.1  | 300.1 | 307.9 | 89.3  | 47.2  | 61.2  |       | 34.6  | 13.8  |             |                        |                |     |
| M351   | 544.7 | 842.7  | 933.0 | 888.8  | 519.2 | 422.5 | 248.0 | 58.3  |       | 22.5  | 25.0  | 29.2  |             |                        |                |     |
| M353   | 79.2  | 112.9  | 174.0 | 128.8  | 123.1 | 26.8  | 28.9  | 42.8  | 30.6  | 141.6 | 287.8 | 94.2  | 1270.7      |                        |                |     |
| M354   | 39.3  | 151.6  | 109.3 | 309.6  | 369.0 | 70.0  | 26.3  | 52.1  | 48.9  | 92.6  | 177.5 | 29.7  | 1475.9      | 36.5                   | 02-may         | 199 |
| M357   | 68.5  | 231.1  | 191.4 | 184.2  | 198.4 | 25.1  | 36.7  | 28.9  | 67.0  | 128.4 | 142.5 | 54.0  | 1356.2      | 58.5                   | 26-feb         | 171 |
| M358   | 13.8  | 131.5  | 116.8 | 142.4  | 82.1  | 30.9  | 50.9  | 71.8  | 41.0  | 88.2  | 66.6  | 6.9   | 842.9       |                        |                |     |
| M359   | 0.0   | 46.3   | 104.6 | 140.9  | 110.6 | 0.0   | 28.4  | 3.6   | 2.7   | 94.9  | 63.2  | 25.9  | 621.1       |                        |                |     |
| M361   | 22.5  | 110.0  | 93.8  | 267.4  | 188.3 | 25.0  | 35.3  | 28.1  | 30.5  | 78.5  | 76.8  | 23.7  | 979.9       |                        |                |     |
| M362   | 254.9 | 404.7  | 433.2 | 398.9  |       | 143.0 | 90.9  | 60.3  | 72.1  | 20.1  | 109.3 | 51.5  |             |                        |                |     |
| M363   | 55.1  | 142.7  | 109.6 | 158.0  | 187.3 | 14.4  | 29.4  | 34.0  | 47.4  | 46.2  | 64.3  | 21.3  | 909.7       | 40.8                   | 03-may         | 116 |
| M364   | 103.5 | 172.0  | 177.5 | 241.9  | 194.2 | 26.3  | 34.2  | 60.9  | 56.7  | 220.8 | 163.2 | 57.6  | 1508.8      |                        |                |     |
| M365   | 7.3   | 6.9    | 37.4  | 71.4   | 68.4  | 7.4   | 23.8  | 42.1  | 11.2  | 29.2  | 29.7  | 44.9  | 379.7       | 26.4                   | 27-may         | 129 |
| M368   | 815.9 | 504.7  | 651.5 | 626.5  | 558.1 | 179.4 | 123.1 | 45.2  | 49.5  | 20.6  | 73.9  | 46.5  | 3694.9      |                        |                |     |
| M369   | 15.7  | 47.5   | 47.3  | 62.1   | 109.5 | 14.6  | 14.6  | 4.2   | 10.0  | 61.4  | 40.6  | 26.3  | 453.8       | 34.8                   | 28-may         | 104 |
| M370   |       | 212.9  | 371.8 | 359.6  | 489.1 | 188.9 | 95.4  |       | 36.8  | 32.3  | 32.1  |       |             |                        |                |     |
| M371   | 25.4  | 89.7   | 67.2  | 140.0  | 75.2  | 26.3  | 22.8  | 20.0  | 15.6  | 75.4  | 44.5  | 41.8  | 643.9       | 24.9                   | 07-abr         | 156 |
| M373   | 40.1  | 62.9   | 80.3  | 118.0  | 90.8  | 30.1  | 27.2  | 40.4  | 49.1  | 96.6  | 75.5  | 33.4  | 744.4       | 35.2                   | 03-may         | 151 |
| M375   | 112.0 | 124.3  | 104.0 |        | 66.0  | 106.0 | 66.0  | 92.0  | 62.0  | 94.0  |       | 61.0  |             |                        |                |     |
| M376   | 38.9  | 64.4   | 46.0  | 92.6   | 117.4 | 86.7  | 96.1  | 51.2  | 28.6  | 84.5  | 61.7  | 59.3  | 827.4       | 23.0                   | 26-may         | 166 |
| M377   | 34.1  | 52.4   | 46.8  | 103.2  | 137.4 | 81.8  | 70.3  |       | 26.9  | 64.9  | 26.3  | 20.4  |             |                        |                |     |
| M378   | 162.8 | 236.4  | 184.6 | 233.2  | 180.6 | 412.3 | 308.7 |       | 73.7  | 310.7 |       | 213.5 |             |                        |                |     |
| M380   | 39.3  | 58.2   | 39.0  | 134.9  | 122.3 | 110.1 | 64.0  | 61.0  | 48.7  | 63.7  | 0.0   | 33.3  | 774.5       | 30.0                   | 18-abr         | 148 |
| M383   | 539.1 | 390.0  | 421.1 |        | 633.5 | 188.6 | 122.8 | 36.0  | 18.3  | 48.8  | 41.9  | 67.5  |             |                        |                |     |
| M385   | 175.9 | 185.5  | 222.3 | 282.4  | 196.7 | 41.5  | 31.0  | 0.0   |       |       |       | 24.0  |             |                        |                |     |
| M386   | 50.9  | 0.0    | 76.2  | 62.6   | 29.0  | 8.0   | 0.0   | 30.9  | 15.0  | 59.9  | 1.0   | 0.0   | 333.5       | 26.0                   | 06-ene         | 67  |
| M388   | 435.2 | 500.2  | 548.9 | 615.1  |       | 248.8 | 163.3 | 0.0   |       | 0.0   | 0.0   | 84.0  |             |                        |                |     |
| M391   | 229.8 | 218.5  | 242.7 | 197.0  | 216.0 | 34.0  | 6.1   | 15.2  | 15.3  | 9.0   | 9.7   | 20.3  | 1213.6      | 75.0                   | 12-ene         | 131 |
| M393   | 10.3  | 95.4   | 73.6  | 72.7   | 135.4 | 27.1  | 29.2  | 19.5  | 6.6   | 116.3 | 61.3  | 1.8   | 649.2       | 38.6                   | 16-feb         | 116 |
| M394   | 10.0  | 39.7   | 85.7  | 67.4   | 48.0  | 0.0   |       | 3.0   | 1.2   | 61.0  | 22.9  |       |             |                        |                |     |
| M395   | 24.0  | 59.5   | 81.7  | 106.2  | 173.9 | 47.7  | 84.2  | 72.1  | 6.4   | 35.0  | 54.6  | 22.5  | 767.8       | 23.8                   | 11-jul         | 131 |
| M396   | 34.2  | 69.0   | 79.4  | 130.1  | 82.5  | 116.9 | 134.7 | 74.7  | 39.9  | 101.2 | 20.7  | 12.2  | 895.5       | 23.4                   | 09-jul         | 186 |
| M397   | 112.5 | 240.7  | 229.6 | 231.3  | 212.1 | 39.4  | 34.7  | 30.0  | 24.4  | 47.4  | 36.3  | 27    |             |                        |                |     |

VALORES PLUVIOMETRICOS MENSUALES (mm)

| CODIGO | ENE.   | FEB.   | MAR.   | ABR.   | MAY.   | JUN.  | JUL.  | AGO.  | SEP.  | OCT.  | NOV.  | DIC.  | TOTAL ANUAL | Máxima en 24 Hrs Fecha | Número de días |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------------|------------------------|----------------|
| M402   | 173.4  | 222.6  | 211.7  | 310.0  | 220.7  | 72.4  | 91.4  | 24.6  | 41.1  | 3.9   | 13.3  | 15.2  | 1400.3      |                        |                |
| M403   | 18.3   | 67.0   | 95.7   | 112.2  | 91.7   | 3.3   | 6.6   | 19.0  | 1.0   | 44.2  | 13.8  | 11.8  | 484.6       | 30.2                   | 08-feb         |
| M404   | 162.3  | 210.5  | 255.4  | 472.0  | 267.0  | 63.6  | 48.9  | 40.8  | 39.9  | 41.6  | 42.3  | 17.7  | 1662.0      | 63.0                   | 26-may         |
| M405   | 74.3   | 103.9  | 116.9  | 72.0   | 104.7  | 5.5   | 8.7   | 10.0  | 2.0   | 53.6  | 10.4  | 17.6  | 579.6       |                        |                |
| M407   | 12.5   | 21.4   | 46.0   | 25.6   | 280.0  | 384.1 | 19.4  | 18.9  | 4.9   | 302.1 | 9.1   | 28.5  | 1152.5      | 24.0                   | 31-may         |
| M408   | 25.3   | 68.1   | 80.5   | 79.0   | 74.7   | 24.6  | 0.0   | 35.7  | 0.0   | 96.2  | 20.1  | 0.0   | 504.2       | 37.2                   | 27-mar         |
| M409   | 29.1   |        | 65.1   |        | 55.7   | 14.7  | 14.6  | 13.7  | 15.4  | 15.9  | 17.9  | 6.6   |             |                        |                |
| M410   | 116.5  | 90.8   | 135.6  | 144.7  | 103.0  | 189.3 | 188.3 | 107.4 | 49.1  | 119.7 | 48.5  | 45.0  | 1337.9      | 24.6                   | 11-jul         |
| M411   | 27.9   | 127.3  | 74.6   | 67.4   | 153.3  | 73.1  | 33.8  | 17.7  | 8.5   | 44.7  | 52.2  | 18.6  | 699.1       | 25.3                   | 31-may         |
| M412   | 223.4  | 265.3  | 264.3  | 292.2  | 214.9  | 17.1  | 37.7  | 21.5  | 59.8  | 22.2  | 10.6  | 8.5   | 1437.5      | 95.8                   | 08-feb         |
| M414   | 30.9   | 71.8   | 161.8  |        | 73.1   | 65.6  | 205.0 | 72.5  | 31.8  | 93.8  | 80.2  | 21.2  |             |                        |                |
| M417   | 99.5   | 146.9  | 197.7  | 259.9  | 202.2  | 216.5 | 338.8 | 128.7 | 21.4  | 352.9 | 113.7 | 81.8  | 2160.0      | 66.4                   | 31-oct         |
| M418   | 54.7   | 75.7   | 171.0  | 97.3   | 137.2  | 37.5  | 40.4  | 7.7   | 12.4  | 117.2 | 43.4  | 12.7  | 807.2       |                        |                |
| M419   | 67.6   | 49.8   | 193.4  | 166.9  | 18.5   | 1.0   | 1.7   | 10.4  | 0.6   | 51.4  | 20.4  | 28.5  | 610.2       |                        |                |
| M420   | 14.6   | 41.0   | 511.6  |        |        | 0.8   | 15.6  | 14.2  | 0.0   | 108.1 | 4.7   | 46.1  |             |                        |                |
| M421   | 31.5   | 75.8   | 53.7   | 115.9  | 77.9   |       | 74.9  | 26.4  | 21.8  | 44.5  | 84.1  | 153.0 |             |                        |                |
| M422   | 81.5   | 108.0  | 184.0  | 196.1  | 173.1  | 10.9  | 17.1  | 6.7   | 19.2  | 11.9  | 2.9   | 7.0   | 818.4       | 55.2                   | 25-may         |
| M423   | 14.9   | 38.9   | 139.4  | 8.4    | 17.4   | 21.7  | 3.3   | 4.8   | 15.2  | 55.8  | 50.8  | 20.3  | 390.9       | 20.6                   | 02-oct         |
| M424   | 73.8   | 41.4   | 74.2   | 99.4   |        | 78.5  | 94.5  | 18.9  | 10.5  | 111.2 | 47.1  | 31.6  |             |                        |                |
| M426   | 57.9   | 142.8  | 155.9  | 60.2   | 138.5  | 29.4  | 34.3  | 25.0  | 11.1  | 181.5 | 85.5  | 45.3  | 967.4       | 52.1                   | 11-feb         |
| M427   | 102.8  | 129.6  | 188.9  | 170.1  | 143.9  | 60.7  | 73.6  | 69.9  | 39.4  | 166.1 | 56.4  | 26.5  | 1227.9      | 42.0                   | 26-may         |
| M429   | 134.4  | 166.9  | 174.1  | 216.5  | 130.2  | 126.6 | 104.1 | 39.6  | 9.4   | 107.4 | 29.8  | 43.9  | 1282.9      | 39.9                   | 11-feb         |
| M431   | 94.4   | 74.1   | 96.9   | 169.9  | 97.4   | 201.1 | 191.7 | 66.1  | 30.7  | 146.2 | 53.2  | 60.3  | 1282.0      |                        |                |
| M432   | 94.5   | 113.7  |        | 140.6  | 171.0  | 134.8 | 242.7 | 68.7  | 32.2  | 145.0 | 39.4  | 111.2 |             |                        |                |
| M433   | 35.0   | 102.0  | 270.0  | 163.6  | 84.2   | 0.0   | 8.0   | 14.4  | 0.0   | 62.1  | 26.1  | 31.1  | 796.5       | 31.4                   | 30-mar         |
| M434   | 306.7  | 601.1  | 598.9  | 497.3  | 223.5  | 11.7  | 3.4   | 4.1   | 32.9  | 19.1  | 21.8  | 48.4  | 2368.9      | 112.2                  | 08-feb         |
| M435   | 27.4   | 595.5  | 628.2  | 705.9  | 218.4  | 22.8  | 9.9   | 3.1   | 22.3  | 4.2   | 27.4  | 41.9  | 2307.0      |                        |                |
| M437   | 472.0  | 545.5  | 875.7  | 804.9  | 49.3   | 14.0  | 0.0   | 0.0   |       | 7.8   | 0.0   | 16.6  |             |                        |                |
| M438   | 104.3  | 396.3  | 339.9  | 207.7  | 258.1  | 4.4   | 2.0   | 3.8   | 34.1  | 144.6 | 54.1  | 76.5  | 1625.8      |                        |                |
| M439   | 575.9  | 634.8  | 656.7  | 442.8  | 268.7  | 4.7   | 0.0   | 0.0   | 3.5   | 14.5  | 15.5  | 27.0  | 2644.1      | 193.2                  | 20-feb         |
| M441   | 497.5  | 480.2  | 373.2  | 424.0  | 173.7  | 322.3 | 115.5 | 76.6  | 59.2  | 7.9   | 3.3   | 6.2   | 2539.6      |                        |                |
| M444   | 383.3  | 559.9  | 433.5  | 444.7  | 172.4  | 124.8 | 53.8  | 62.2  | 52.0  | 0.0   | 2.4   | 5.6   | 2294.6      |                        |                |
| M446   | 160.6  | 189.2  | 576.4  | 329.1  | 234.3  | 26.2  | 37.7  |       | 13.4  | 0.0   | 4.0   | 2.5   |             |                        |                |
| M447   | 204.3  | 310.5  | 437.6  | 410.6  | 290.9  | 119.8 | 40.8  | 13.6  | 0.0   | 0.0   | 19.0  | 7.7   | 1854.8      |                        |                |
| M448   | 207.9  | 243.0  | 247.0  | 201.0  | 86.0   | 27.0  | 4.3   | 13.4  | 20.9  | 16.0  | 32.8  | 12.8  | 1112.1      |                        |                |
| M449   | 279.3  | 282.5  | 457.3  | 416.7  | 131.0  | 54.3  | 11.1  | 0.9   | 0.4   | 0.0   | 3.4   | 0.2   | 1637.1      |                        |                |
| M450   | 987.6  | 475.4  | 576.6  | 927.7  | 291.3  | 134.5 | 12.6  | 16.0  | 20.0  | 8.5   | 5.8   | 2.9   | 3458.9      |                        |                |
| M451   | 86.3   | 517.6  | 483.4  | 63.4   | 68.6   | 29.5  | 9.1   | 14.9  | 5.0   | 1.8   | 1.3   | 0.3   | 1281.2      |                        |                |
| M452   | 361.2  | 359.8  | 725.2  | 957.7  | 395.3  | 259.8 |       |       |       |       |       |       |             |                        |                |
| M453   | 320.0  | 461.3  | 362.9  | 306.1  | 168.0  | 52.5  | 10.5  | 4.9   | 10.9  | 2.4   | 6.5   | 1.8   | 1707.8      |                        |                |
| M454   | 186.2  | 543.3  | 651.7  | 478.8  | 247.3  | 91.0  | 5.9   | 0.0   | 2.5   | 0.0   | 0.0   | 1.0   | 2207.7      |                        |                |
| M455   | 239.3  | 291.2  | 618.9  | 894.5  | 203.6  | 206.2 |       | 8.6   |       | 0.0   | 0.0   | 6.2   |             |                        |                |
| M456   | 457.3  | 282.9  | 480.1  | 202.6  | 169.9  | 120.6 | 57.6  | 0.0   | 26.1  | 0.0   | 12.0  | 4.1   | 1813.2      |                        |                |
| M457   | 245.1  | 208.9  | 386.0  | 315.0  | 269.6  | 98.0  | 15.6  | 14.7  | 16.6  | 14.1  | 7.3   | 17.1  | 1608.0      |                        |                |
| M458   | 643.0  | 398.2  | 515.4  | 571.5  | 390.2  | 190.4 | 75.5  | 43.8  | 0.0   | 0.0   | 0.0   | 15.8  | 2843.8      |                        |                |
| M459   | 864.6  | 718.0  |        | 1309.7 | 1227.4 | 656.6 | 360.4 | 165.7 | 101.0 | 83.6  | 0.3   | 15.5  |             |                        |                |
| M460   | 65.1   | 79.0   | 95.0   | 72.6   | 12.0   | 9.0   | 5.0   |       |       |       |       |       |             |                        |                |
| M461   | 302.7  | 580.0  | 325.5  | 255.8  | 101.6  | 77.0  | 20.0  | 0.0   |       | 0.0   | 0.0   | 0.0   |             |                        |                |
| M462   | 340.2  | 365.0  | 454.7  | 697.9  | 237.6  | 96.4  | 138.8 | 0.0   | 0.0   | 0.0   | 38.0  | 0.0   | 2368.6      |                        |                |
| M464   | 380.5  | 249.4  | 555.3  | 504.8  | 344.7  | 134.2 | 120.0 | 15.8  |       |       |       |       |             |                        |                |
| M465   | 1457.0 | 1434.0 | 1093.0 | 757.0  | 482.5  | 485.8 | 260.5 | 25.7  | 4.0   | 6.9   | 55.3  | 62.4  | 6124.1      | 100.0                  | 12-ene         |
| M466   | 656.1  | 689.3  | 523.6  | 806.2  | 710.4  | 129.3 | 41.6  | 4.1   | 2.5   | 0.0   | 3.0   | 39.6  | 3605.7      | 173.4                  | 07-feb         |
| M468   | 896.9  | 592.1  | 968.4  | 766.3  | 716.0  | 250.4 |       | 42.8  | 28.5  | 34.4  |       |       |             |                        |                |
| M470   | 652.5  | 781.0  | 1108.0 | 794.3  | 490.7  | 227.3 | 100.7 | 7.1   | 9.1   | 10.0  | 47.4  | 16.1  | 4244.2      | 188.6                  | 17-feb         |
| M475   | 374.3  | 177.2  | 427.5  | 538.4  | 578.1  | 329.4 | 28.3  | 0.0   | 0.0   | 0.0   | 5.7   | 77.0  | 2535.9      | 131.2                  | 26-may         |
| M476   | 456.2  | 347.7  | 640.3  | 861.5  | 658.5  | 113.9 | 16.5  | 5.0   | 8.5   | 0.0   | 1.3   | 18.4  | 3127.8      | 97.0                   | 26-may         |
| M477   | 911.0  | 653.0  | 865.0  | 787.0  | 496.8  | 160.0 | 74.0  | 5.0   | 2.0   | 16.0  | 1.0   | 28.0  | 3998.8      |                        |                |
| M479   | 121.2  | 291.5  | 367.5  | 350.0  | 151.0  | 6.3   | 0.8   | 1.2   | 16.9  | 14.8  | 24.6  | 42.3  | 1388.1      |                        |                |
| M481   | 124.2  | 156.1  | 96.8   | 97.7   | 134.1  | 40.6  | 38.3  | 20.9  | 23.5  | 25.4  | 22.5  | 77.4  | 857.5       | 70.0                   | 05-may         |
| M482   | 348.1  | 650.0  | 342.3  | 153.5  | 109.7  | 8.8   | 4.0   | 0.0   | 0.0   | 2.5   | 0.0   | 11.0  | 1629.9      | 163.0                  | 08-feb         |
| M484   | 132.3  | 346.4  | 299.9  | 334.0  | 744.6  | 426.2 | 378.2 | 176.9 | 130.9 | 183.4 | 340.2 | 277.0 | 3770.0      |                        |                |
| M485   | 232.3  | 153.3  | 296.7  | 283.5  | 323.8  | 584.9 | 123.4 | 146.3 | 168.8 | 225.8 | 115.4 | 328.2 | 2982.4      |                        |                |
| M486   | 209.4  | 197.5  |        | 242.9  | 329.3  | 510.5 | 344.7 | 240.8 | 118.0 | 197.8 | 136.5 | 187.1 |             |                        |                |
| M487   | 36.2   | 87.9   | 112.0  | 148.4  | 176.4  | 142.7 | 146.5 | 166.8 | 92.5  | 214.8 | 104.1 | 84.2  | 1512.5      |                        |                |
| M488   | 204.1  | 450.9  |        | 559.9  | 512.7  | 284.0 |       | 217.7 | 381.7 | 306.8 | 335.2 | 381.9 |             |                        |                |
| M490   | 136.2  | 186.8  | 147.3  |        | 334.9  | 387.5 |       | 220.0 | 160.1 | 196.0 | 132.8 | 87.4  |             |                        |                |
| M497   | 85.6   | 0.0    | 183.0  | 347.1  | 246.3  | 244.1 | 205.3 | 143.7 | 39.2  | 243.0 | 61.8  | 66.0  | 1865.1      | 80.5                   | 05-may         |
| M502   | 211.1  | 116.2  | 201.8  | 186.4  |        | 127.8 | 126.6 | 57.1  | 66.7  | 129.2 | 87.5  | 77.2  |             |                        |                |
| M503   | 87.3   | 89.9   | 150.0  | 208.0  | 136.2  | 320.3 | 227.5 | 113.7 | 82.4  | 158.6 | 84.4  | 113.8 | 1772.1      |                        |                |
| M506   | 369.2  | 431.7  | 453.3  | 297.9  | 224.3  | 203.8 | 245.4 | 197.7 | 166.2 | 341.5 | 121.7 |       |             |                        |                |
| M508   | 439.0  | 779.7  | 1073.3 | 1106.2 | 599.1  | 489.8 | 36.8  | 23.4  | 39.4  | 31.6  | 29.7  | 14.3  | 4662.3      | 255.5                  | 03-jun         |
| M515   | 110.1  | 229.2  | 195.8  | 249.3  | 80.3   | 13.5  |       | 8.5   | 5.1   | 34.9  | 15.1  | 58.8  | 1000.6      | 80.8                   | 08-feb         |
| M543   |        |        |        |        |        |       | 66.4  | 37.8  | 22.4  | 115.5 | 92.9  | 63.0  |             |                        |                |
| M544   | 101.2  | 131.3  | 576.8  | 704.6  | 344.7  | 0.0   | 0.3   | 13.7  | 16.4  | 87.2  | 52.8  | 15.3  | 2044.3      |                        |                |
| M759   |        |        |        |        |        |       | 3.6   | 38.4  | 13.2  | 97.5  | 69.4  | 22.5  |             |                        |                |
| M760   |        |        |        |        |        |       | 0.0   | 1.6   | 29.5  | 26.0  | 15.9  | 56.0  |             |                        |                |
| M762   |        |        |        |        |        |       | 9.8   | 8.1   | 17.5  | 5.7   | 12.6  | 56.5  |             |                        |                |
| M763   |        |        |        |        |        |       | 0.0   | 24.3  | 14.5  | 100.7 | 83.6  | 56.3  |             |                        |                |
| M765   |        | 77.5   |        |        |        |       | 13.6  | 1.1   | 1.4   | 10.0  | 3.0   | 39.9  |             |                        |                |
| M768   |        |        |        |        |        |       | 2.5   | 4.3   | 32.9  | 19.0  | 21.8  | 48.4  |             |                        |                |
| M773   | 36.6   | 352.8  | 333.5  | 381.1  | 210.2  | 29.5  | 16.3  | 22.3  | 30.8  | 30.8  | 38.6  | 84.5  | 1567.0      |                        |                |
| M775   |        |        | 488.1  |        | 264.6  | 58.0  | 4.5   | 6.0   | 0.0   | 0.3   | 0.0   | 0.2   |             |                        |                |
| M782   | 182.0  | 506.8  | 402.4  | 564.2  | 288.4  | 12.5  | 15.3  | 17.0  | 7.4   |       |       |       |             |                        |                |

continúa...

**VALORES PLUVIOMETRICOS MENSUALES (mm)**

| CODIGO | ENE.  | FEB.   | MAR.   | ABR.   | MAY.  | JUN.  | JUL.  | AGO.  | SEP. | OCT.  | NOV.  | DIC.  | TOTAL ANUAL | Máxima en 24 Hrs<br>Fecha | Número de días |     |
|--------|-------|--------|--------|--------|-------|-------|-------|-------|------|-------|-------|-------|-------------|---------------------------|----------------|-----|
| M785   | 623.3 | 454.1  | 1114.7 | 811.2  | 542.3 | 120.4 | 6.4   | 0.0   | 0.0  | 0.0   | 0.0   | 16.8  | 3689.2      | 171.3                     | 24-ene         | 107 |
| M909   | 37.4  | 76.0   | 144.2  | 135.3  | 158.1 | 20.0  | 23.5  | 19.0  | 27.2 | 100.5 | 140.5 | 42.6  | 924.3       |                           |                |     |
| M910   | 70.0  | 94.4   | 93.7   | 264.7  | 142.0 | 0.0   | 0.0   | 25.7  | 51.3 | 155.0 | 161.7 | 64.0  | 1122.5      |                           |                |     |
| MA1V   | 4.1   | 68.8   | 63.6   | 145.1  | 95.9  | 8.5   | 10.0  | 14.5  | 35.8 | 87.5  |       |       |             |                           |                |     |
| MA2T   | 20.9  | 68.1   | 79.6   | 73.0   | 85.1  | 14.7  | 26.8  | 4.9   | 22.1 | 55.7  | 61.8  | 35.4  | 548.1       | 23.5                      | 03-may         | 153 |
| MA2U   | 586.9 | 1288.9 | 745.0  | 765.2  | 565.7 | 165.9 | 45.8  | 12.6  | 10.8 | 19.7  | 20.8  | 31.5  | 4258.8      | 177.1                     | 08-feb         | 295 |
| MA2V   | 419.8 | 783.3  | 932.5  | 1137.7 | 228.8 | 88.9  | 11.3  | 0.0   | 0.3  | 0.3   | 0.1   | 0.4   | 3603.4      | 221.8                     | 18-abr         | 155 |
| MA50   | 413.7 | 445.4  | 728.9  | 211.8  | 205.5 | 1.0   | 0.2   | 0.3   | 0.2  | 0.1   | 0.0   | 0.0   | 2007.1      | 180.0                     | 22-mar         | 116 |
| MA54   | 148.9 | 229.0  | 218.6  | 437.4  | 309.3 | 546.6 | 539.6 | 289.8 |      | 310.1 | 174.4 | 207.4 |             |                           |                |     |
| MA58   |       |        |        |        |       |       | 0.0   | 33.5  | 52.1 | 75.4  | 58.0  | 94.9  |             |                           |                |     |
| MA70   |       |        | 1318.7 | 1202.0 | 732.8 | 464.3 | 212.5 | 74.5  | 46.0 |       |       |       |             |                           |                |     |
| MB74   |       |        |        |        |       |       | 18.2  | 6.4   | 31.8 | 44.5  | 62.8  | 13.0  |             |                           |                |     |

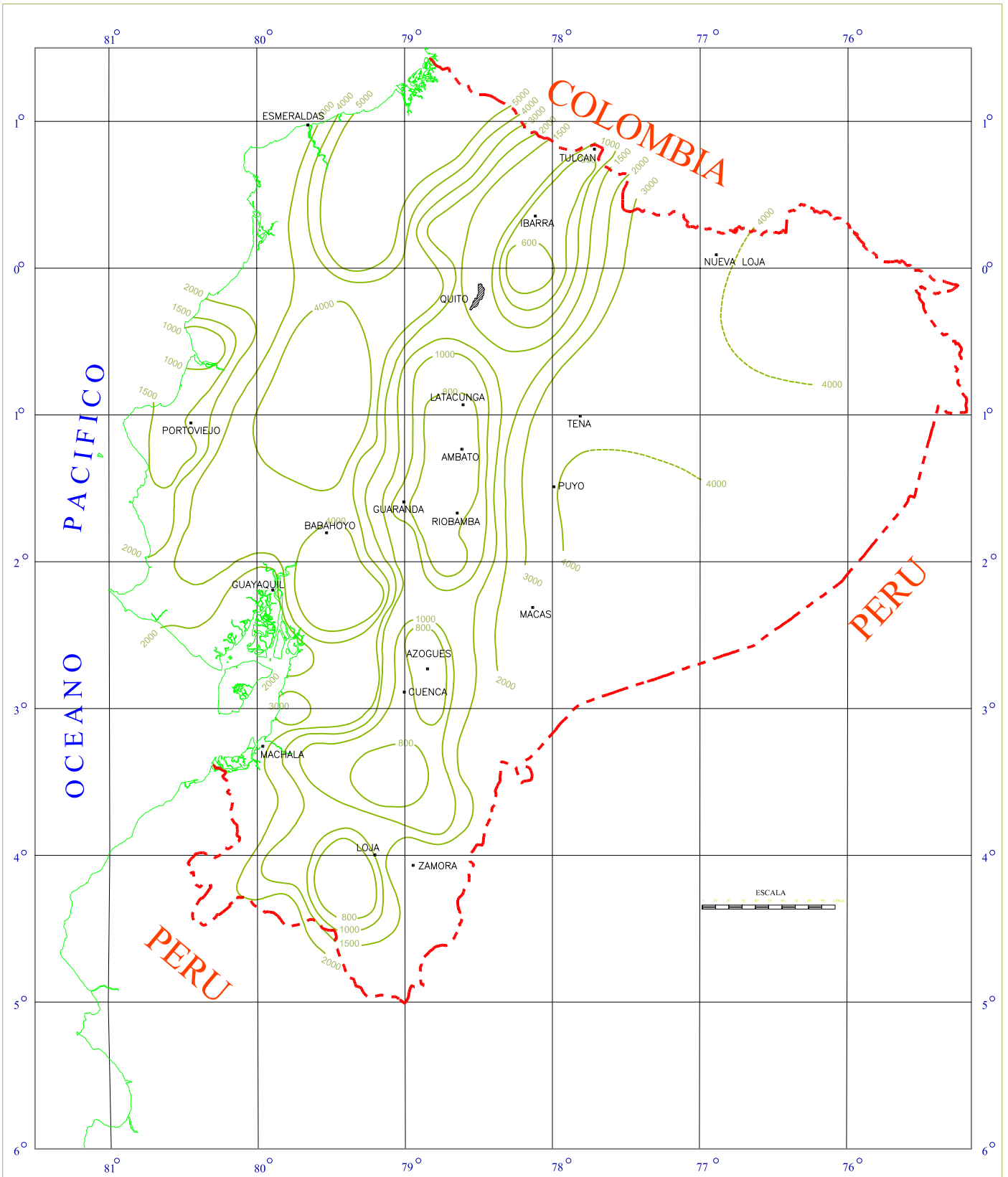


## **ANEXOS**

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Mapa e inventarios





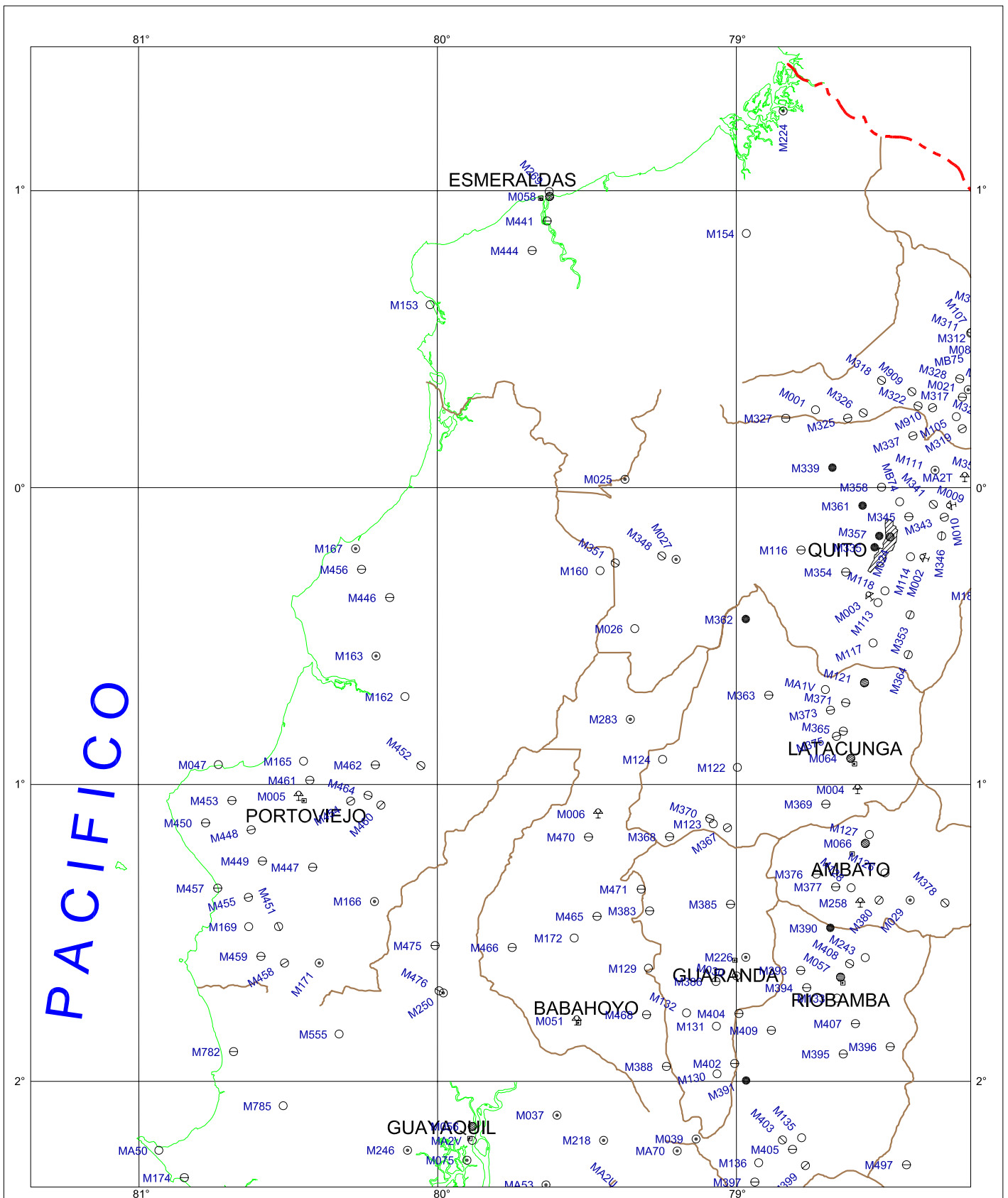
| SIGNOS CONVENCIONALES |                           |
|-----------------------|---------------------------|
|                       | Limites Internacionales   |
|                       | Capital de la Republica   |
|                       | Capitales de Provincia    |
|                       | Isolines de precipitación |
|                       | Sin informacion           |

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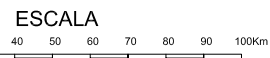
## ISOYETAS ANUALES 1998

(MILIMETROS)

|                    |                   |                      |            |
|--------------------|-------------------|----------------------|------------|
| Análisis y Trazado | Revisión          | Composición y Dibujo | Fecha      |
| Dpto. CLIMATOLOGIA | Dir. METEOROLOGIA | Dir. INFORMATICA     | ENERO/2001 |



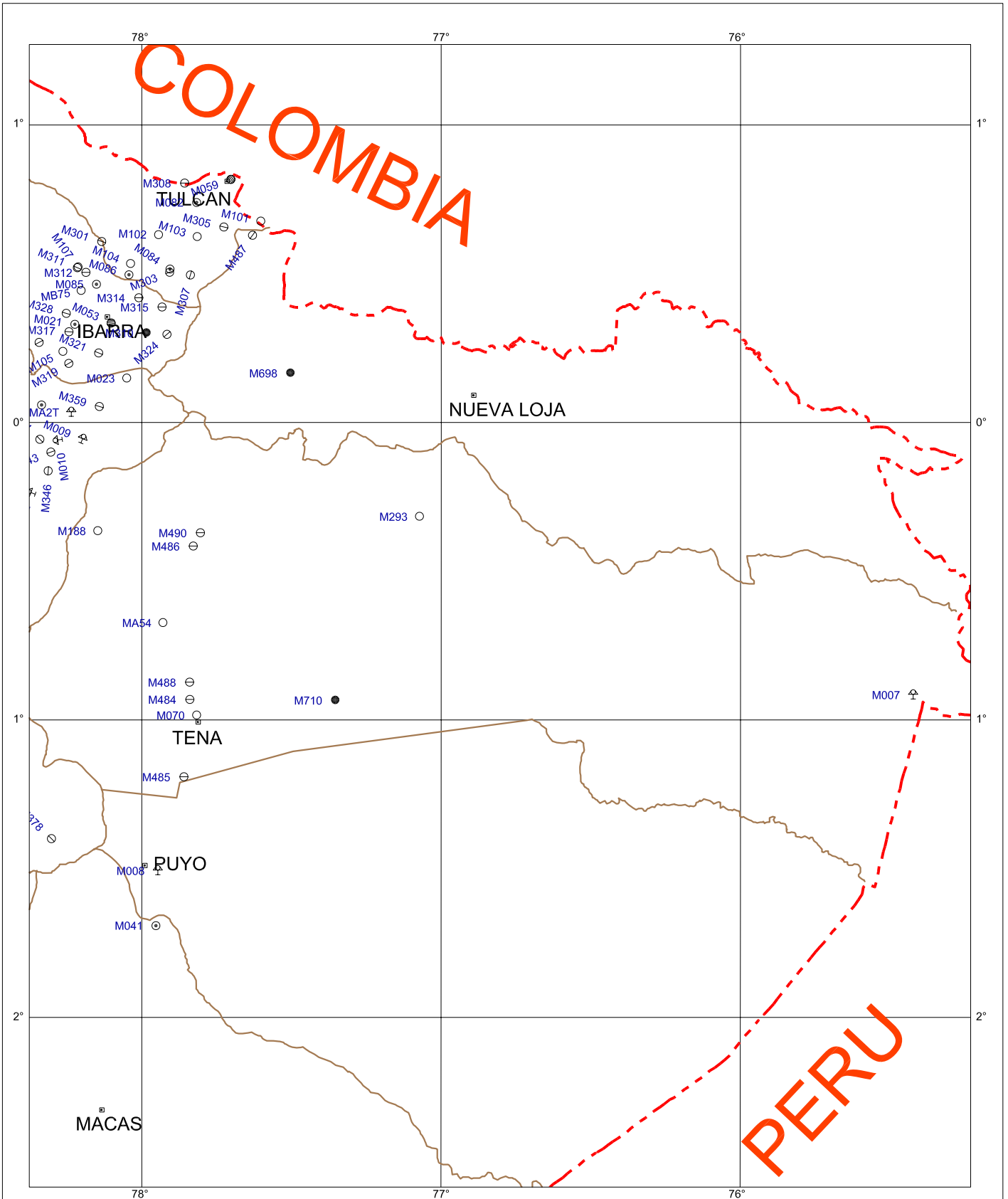
PACIFICO



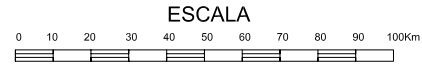
| SIGNOS CONVENCIONALES |                                      |
|-----------------------|--------------------------------------|
|                       | Limites internacionales              |
|                       | Limite de provincias                 |
|                       | Estacion Agrometeorologica Principal |
|                       | Estacion Climatologica Especial      |
|                       | Estacion Climatologica Principal     |
|                       | Estacion Climatologica Ordinaria     |
|                       | Estacion pluviometrica               |
|                       | Estacion pluviografica               |

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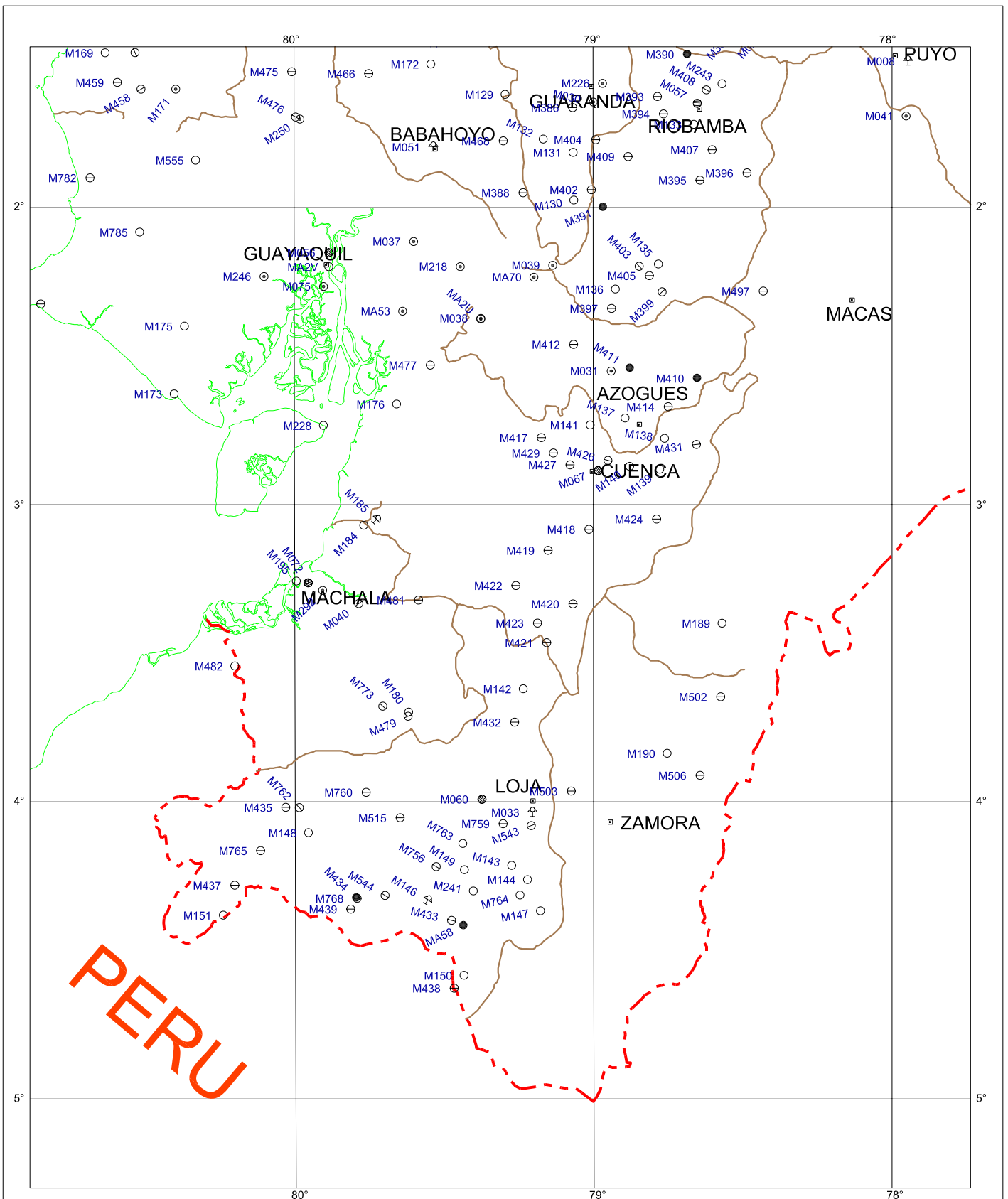




| SIGNOS CONVENCIONALES |                                      |
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|                       | Limites Internacionales              |
|                       | Limite de provincias                 |
|                       | Estacion Agrometeorologica Principal |
|                       | Estacion Climatologica Especial      |
|                       | Estacion Climatologica Principal     |
|                       | Estacion Climatologica Ordinaria     |
|                       | Estacion pluviometrica               |
|                       | Estacion pluviografica               |

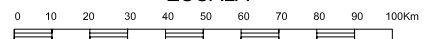


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**PERU**

ESCALA



| SIGNOS CONVENCIONALES |                                      |
|-----------------------|--------------------------------------|
|                       | Limites internacionales              |
|                       | Limite de provincias                 |
|                       | Estacion Agrometeorologica Principal |
|                       | Estacion Climatologica Especial      |
|                       | Estacion Climatologica Principal     |
|                       | Estacion Climatologica Ordinaria     |
|                       | Estacion pluviometrica               |
|                       | Estacion pluviografica               |

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| SIGNOS CONVENCIONALES |                                      |
|-----------------------|--------------------------------------|
|                       | Limites internacionales              |
|                       | Limite de provincias                 |
|                       | Estacion Agrometeorologica Principal |
|                       | Estacion Climatologica Especial      |
|                       | Estacion Climatologica Principal     |
|                       | Estacion Climatologica Ordinaria     |
|                       | Estacion pluviometrica               |
|                       | Estacion pluviografica               |

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| Analisis y Trazado<br>Dpto. CLIMATOLOGIA  | Revisión<br>Dir. METEOROLOGIA | Composición y Dibujo<br>Dir. INFORMATICA | Fecha<br>ENE/2001 |

## INVENTARIO DE ESTACIONES METEOROLÓGICAS

| CODIGO | NOMBRE DE LA ESTACION         | TIPO | ZONA<br>HIDRO | LATITUD      |               |      | LONGITUD |            |    | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE     |               | FECHA DE |  |
|--------|-------------------------------|------|---------------|--------------|---------------|------|----------|------------|----|--------|----------------|------------------|--------------|---------------|----------|--|
|        |                               |      |               | GG           | MM            | SS   | GG       | MM         | SS |        |                |                  | INSTALACION  | LEVANTAMIENTO |          |  |
|        |                               |      |               |              |               |      |          |            |    |        |                |                  | AA / MM / DD | AA / MM / DD  |          |  |
| M447   | 24 DE MAYO(JABONCILLO)        | PV   | 130           | 1° 19' 26" S | 80° 19' 10" W | 115  | 21       | INAMHI     |    |        |                | 63 / 3 / 8       |              |               |          |  |
| M774   | ABRETONES                     | PV   | 140           | 2° 11' 0" S  | 80° 8' 0" W   |      | 23       | CEDEGE     |    |        |                | 83 / 12 / 20     |              |               |          |  |
| M534   | ACCHI                         | PV   | 260           | 0° 51' 2" S  | 78° 43' 2" W  | 3600 | 13       | INERHI     |    |        |                | 76 / 2 /         |              |               |          |  |
| M865   | ACHIOTE                       | PV   | 150           | 2° 17' 0" S  | 79° 20' 0" W  |      | 23       | I.S.CARLOS |    |        |                |                  |              |               |          |  |
| MA31   | ACHIOTE (PREDESUR)            | PV   | 200           | 3° 50' 45" S | 79° 37' 30" W | 1060 | 19       | PREDESUR   |    |        |                | 87 / 9 / 1       |              |               |          |  |
| M399   | ACHUPALLAS-CHIMBORAZO         | PV   | 130           | 2° 16' 49" S | 78° 45' 48" W | 3320 | 16       | INAMHI     |    |        |                | 64 / 10 / 1      |              |               |          |  |
| M323   | ACHUPALLAS-IMBABURA           | PV   | 20            | 0° 15' 20" N | 78° 15' 32" W | 3205 | 11       | INAMHI     |    |        |                | 65 / 8 / 7       |              |               |          |  |
| M866   | ADELINA MARIA                 | PV   | 150           | 2° 15' 0" S  | 79° 27' 0" W  |      | 23       | I.S.CARLOS |    |        |                |                  |              |               |          |  |
| M220   | AGOYAN EN LA PRESA            | CP   | 260           | 1° 21' 0" S  | 78° 22' 0" W  | 1648 | 14       | INECEL     |    |        |                | 82 / 3 / 6       |              |               |          |  |
| MA2M   | AGUA BLANCA                   | PV   |               |              |               |      | 21       | CRM        |    |        |                |                  |              |               |          |  |
| M937   | AGUARICO #1                   | PV   | 230           |              |               |      | 30       | INECEL     |    |        |                |                  |              |               |          |  |
| M788   | ALAJUELA                      | CO   | 130           | 0° 57' 1" S  | 79° 45' 55" W |      | 23       | CEDEGE     |    |        |                | 73 / 9 / 5       |              |               |          |  |
| M847   | ALAMBRE-PAMBA                 | PV   | 160           | 2° 26' 7" S  | 78° 54' 6" W  | 4017 | 17       | CREA       |    |        |                | 76 / 6 / 5       |              |               |          |  |
| M435   | ALAMOR                        | PV   | 210           | 4° 1' 7" S   | 80° 1' 48" W  | 1250 | 19       | INAMHI     |    |        |                | 63 / 12 / 28     |              |               |          |  |
| M996   | ALANGASI                      | PG   | 80            | 0° 16' 0" S  | 78° 23' 0" W  | 2600 | 12       | M.A.G      |    |        |                | 31 / 5 / 1       | 84 / 12 / 1  |               |          |  |
| M396   | ALAO                          | PV   | 260           | 1° 53' 0" S  | 78° 29' 0" W  | 3200 | 16       | INAMHI     |    |        |                | 64 / 7 / 16      |              |               |          |  |
| M403   | ALAUSSI                       | PV   | 130           | 2° 11' 47" S | 78° 50' 45" W | 2420 | 16       | INAMHI     |    |        |                | 30 / 9 /         |              |               |          |  |
| MA2N   | ALTO TALAG INECEL             | CO   |               |              | 0             | 585  | 30       | INECEL     |    |        |                |                  |              |               |          |  |
| M554   | ALTO TAMBO                    | PV   | 50            | 0° 51' 45" N | 78° 30' 55" W | 750  | 20       | INAMHI     |    |        |                | 65 / 9 / 2       |              |               |          |  |
| MA0J   | ALLURIQUIN INAMHI             | PV   | 80            | 0° 19' 11" S | 78° 59' 50" W | 800  | 12       | INAMHI     |    |        |                |                  |              |               |          |  |
| M209   | ALLURIQUIN INECEL             | CO   | 80            | 0° 19' 5" S  | 78° 59' 26" W | 850  | 12       | INECEL     |    |        |                | 75 / 10 / 5      |              |               |          |  |
| MB51   | ALLURIQUIN-HCCP               | CO   | 80            | 0° 19' 16" S | 78° 59' 50" W | 800  | 12       | HCCP       |    |        |                | 97 / 8 / 1       |              |               |          |  |
| MA1T   | AMAGUANNA                     | CO   | 80            |              |               |      | 12       |            |    |        |                | 34 / 1 / 1       |              |               |          |  |
| M552   | AMALIA-CATARAMA               | PV   | 130           |              |               |      | 22       | D.N.BANANO |    |        |                |                  |              |               |          |  |
| M150   | AMALUZA INAMHI                | CO   | 210           | 4° 35' 5" S  | 79° 25' 50" W | 1672 | 19       | INAMHI     |    |        |                | 75 / 10 / 1      |              |               |          |  |
| M750   | AMALUZA PREDESUR              | PV   | 210           | 4° 35' 0" S  | 79° 25' 0" W  | 1720 | 19       | PREDESUR   |    |        |                | 72 / 1 /         | 84 / 3 /     |               |          |  |
| M609   | AMANCAY-QUININDE              | PV   | 80            | 0° 7' 53" N  | 79° 23' 6" W  | 120  | 20       | INAMHI     |    |        |                | 62 / 11 / 20     | 69 / 9 / 16  |               |          |  |
| M066   | AMBATO AEROPUERTO             | AR   | 260           | 1° 12' 0" S  | 78° 34' 0" W  | 2515 | 14       | F.A.E.     |    |        |                |                  |              |               |          |  |
| M028   | AMBATO-GRANJA                 | CP   | 260           | 1° 15' 0" S  | 78° 37' 24" W | 2680 | 14       | INAMHI     |    |        |                | 69 / /           | 87 / 10 / 21 |               |          |  |
| M314   | AMBUQUI                       | PV   | 20            | 0° 25' 8" N  | 78° 0' 28" W  | 1880 | 11       | INAMHI     |    |        |                | 63 / 2 / 16      |              |               |          |  |
| M174   | ANCON                         | PV   | 140           | 2° 19' 28" S | 80° 50' 54" W | 4    | 23       | INAMHI     |    |        |                | 63 / 2 / 1       | 86 / 6 /     |               |          |  |
| M724   | ANGAHUANO                     | PG   | 260           | 1° 3' 23" S  | 78° 22' 22" W | 4100 | 14       | INECEL     |    |        |                | 76 / 3 / 11      | 77 / 11 / 1  |               |          |  |
| M366   | ANGAMARCA                     | PV   | 130           | 1° 6' 50" S  | 78° 55' 42" W | 3000 | 13       | INAMHI     |    |        |                | 63 / 10 /        | 84 / 9 /     |               |          |  |
| M415   | ANGAS LA UNION                | PV   | 130           | 2° 23' 37" S | 78° 57' 53" W | 2900 | 17       | INAMHI     |    |        |                | 76 / 6 / 20      |              |               |          |  |
| M882   | ANGELICA MARIA-BALZAR         | PV   | 130           | 0° 0' 0" S   | 0° 0' 0" W    | 0    | 23       | D.N.BANANO |    |        |                |                  |              |               |          |  |
| MA0O   | ANONAS DE PAJAN               | PV   | 130           | 1° 34' 36" S | 80° 27' 47" W | 170  | 21       | INAMHI     |    |        |                |                  |              |               |          |  |
| M879   | APAQUI D.J MINAS              | PV   | 20            | 0° 31' 51" N | 77° 46' 53" W | 2820 | 10       | INAMHI     |    |        |                |                  |              |               |          |  |
| M318   | APUELA-INTAG                  | PV   | 80            | 0° 21' 34" N | 78° 30' 41" W | 1620 | 11       | INAMHI     |    |        |                | 64 / 6 / 10      |              |               |          |  |
| MB68   | AQUEPI                        | PV   | 130           | 0° 20' 33" S | 79° 8' 31" W  | 580  | 12       | HCCP       |    |        |                | 97 / 9 / 1       |              |               |          |  |
| MA0T   | ARAJUNO                       | CO   | 250           | 1° 14' 0" S  | 77° 41' 0" W  | 534  | 31       | INAMHI     |    |        |                |                  |              |               |          |  |
| M300   | ARAPICOS                      | PG   | 260           | 1° 51' 0" S  | 77° 54' 0" W  | 900  | 32       | INAMHI     |    |        |                | 77 / 11 / 15     |              |               |          |  |
| M484   | ARCHIDONA                     | PV   | 240           | 0° 55' 53" S | 77° 50' 13" W | 630  | 30       | INAMHI     |    |        |                | 64 / 9 / 1       |              |               |          |  |
| M050   | ARENALES-COLA DE SAN PABLO    | CP   | 280           | 2° 34' 37" S | 78° 33' 0" W  | 2200 | 18       | INECEL     |    |        |                | 74 / 3 /         |              |               |          |  |
| M179   | ARENILLAS                     | CO   | 190           | 3° 33' 37" S | 80° 3' 22" W  | 60   | 24       | INAMHI     |    |        |                | 63 / 11 / 1      |              |               |          |  |
| M566   | ASCAZUBI INAMHI               | PV   | 80            | 0° 4' 39" S  | 78° 17' 29" W | 2580 | 12       | INAMHI     |    |        |                | 47 / 1 /         |              |               |          |  |
| M997   | ASCAZUBI MAG                  | PG   | 80            | 0° 0' 0" S   | 0° 0' 0" W    | 2600 | 12       | M.A.G      |    |        |                | 81 / 12 / 1      |              |               |          |  |
| M510   | ASILO DE LA PAZ-ISLA FLOREANA | PV   | 320           | 1° 16' 0" S  | 90° 29' 0" W  | 300  | 40       | INAMHI     |    |        |                | 64 / 1 /         |              |               |          |  |
| M968   | ATACAZO EMAP-Q(PV45)          | PV   | 80            | 0° 18' 52" S | 78° 35' 58" W | 3800 | 12       | EMAPQ      |    |        |                | 81 / 11 / 13     |              |               |          |  |
| M690   | ATILLO                        | PG   | 260           | 2° 15' 21" S | 78° 32' 13" W | 3430 | 16       | INECEL     |    |        |                | 79 / 7 / 15      | 87 / /       |               |          |  |
| M021   | ATUNTAQUI                     | CP   | 20            | 0° 19' 39" N | 78° 13' 17" W | 2200 | 11       | INAMHI     |    |        |                | 63 / 3 / 1       |              |               |          |  |
| M943   | AVIACION CIVIL(PV9)           | PV   | 80            | 0° 8' 12" S  | 78° 28' 25" W | 2885 | 12       | EMAPQ      |    |        |                | 82 / 1 / 13      |              |               |          |  |
| MA23   | AYAMPE                        | PV   | 0             | 1° 41' 0" S  | 80° 47' 0" W  | 0    | 21       | CRM        |    |        |                | 76 / 4 / 1       |              |               |          |  |
| M735   | AYAPAMBA                      | PV   | 200           | 3° 37' 0" S  | 79° 40' 30" W | 1425 | 24       | PREDESUR   |    |        |                | 73 / 2 /         |              |               |          |  |
| MA55   | AYCHAPICHO                    | CO   | 0             | 0° 27' 30" S | 78° 35' 35" W | 2991 | 12       | C.E.A      |    |        |                | 83 / 1 / 1       |              |               |          |  |
| M718   | AZACHE                        | PG   | 80            | 0° 36' 0" S  | 78° 55' 0" W  | 0    | 13       | INECEL     |    |        |                | 82 / 2 / 23      |              |               |          |  |
| M469   | BABA                          | PV   | 130           | 1° 46' 51" S | 79° 40' 35" W | 20   | 22       | CEDEGE     |    |        |                | 75 / 12 / 28     |              |               |          |  |
| M796   | BABA DJ TOACHI                | PV   | 130           | 0° 39' 49" S | 79° 24' 10" W | 0    | 22       | INAMHI     |    |        |                | 67 / 8 / 8       | 71 / 1 /     |               |          |  |
| M013   | BABA DJ TOACHI-DCP            | PC   | 130           | 0° 39' 49" S | 79° 24' 10" W | 0    | 22       | INAMHI     |    |        |                | 84 / 10 /        |              |               |          |  |
| M051   | BABAHOYO-UTB                  | AP   | 130           | 1° 49' 0" S  | 79° 32' 0" W  | 7    | 22       | INAMHI     |    |        |                | 30 / 7 / 3       |              |               |          |  |
| M215   | BAEZA                         | CP   | 240           | 0° 37' 34" S | 77° 51' 57" W | 1960 | 30       | INECEL     |    |        |                | 74 / 2 / 15      |              |               |          |  |
| M611   | BAHIA DE CARAQUEZ AEROPUERTO  | AR   | 100           | 0° 35' 0" S  | 80° 25' 0" W  | 3    | 21       | D.A.C.     |    |        |                |                  |              |               |          |  |
| MA51   | BAHIA DE CARAQUEZ-INOCAR      | CO   | 100           | 0° 35' 0" S  | 80° 26' 0" W  | 3    | 21       | INOCAR     |    |        |                | 86 / 1 / 1       |              |               |          |  |
| M602   | BAHIA SAN SALVADOR            | PV   | 320           | 0° 12' 0" S  | 90° 50' 0" W  | 0    | 40       | INAMHI     |    |        |                |                  |              |               |          |  |
| M970   | BAJO GRANDE(PV11)             | PV   | 130           | 1° 35' 29" S | 80° 32' 43" W | 460  | 21       | CRM        |    |        |                | 80 / 3 / 20      |              |               |          |  |
| MA04   | BALAO EN HDA.EL RECREO        | PV   | 170           | 0° 0' 0" S   | 0° 0' 0" W    | 0    | 23       | INERHI     |    |        |                |                  |              |               |          |  |
| M736   | BALSAS                        | PV   | 200           | 3° 46' 0" S  | 79° 49' 30" W | 700  | 24       | PREDESUR   |    |        |                | 72 / 1 /         |              |               |          |  |
| M132   | BALZAPAMBA                    | CO   | 130           | 1° 46' 16" S | 79° 10' 0" W  | 920  | 15       | INAMHI     |    |        |                | 75 / 11 / 20     |              |               |          |  |
| M227   | BALZAR                        | CO   | 130           | 1° 21' 39" S | 79° 54' 0" W  | 30   | 23       | INAMHI     |    |        |                | 59 / 1 /         | 82 / 1 /     |               |          |  |
| M531   | BANCO DE ARENA                | PV   | 130           |              |               | 0    | 23       | INERHI     |    |        |                |                  |              |               |          |  |
| M975   | BANCHAL P.CARRETERA(PV25)     | PG   | 130           | 1° 38' 3" S  | 80° 29' 38" W | 0    | 21       | CRM        |    |        |                | 80 / 1 / 1       |              |               |          |  |
| M295   | BANCHAL(CUENCA EXP.)          | CP   | 130           | 1° 38' 1" S  | 80° 29' 36" W | 280  | 21       | CRM        |    |        |                | 80 / 4 / 9       |              |               |          |  |
| M029   | BANNOS                        | CP   | 260           | 1° 23' 21" S | 78° 24' 53" W | 1846 | 14       | INAMHI     |    |        |                | 62 / 2 / 15      |              |               |          |  |
| M661   | BANNOS SAN VICENTE            | PV   | 140           | 2° 14' 0" S  | 80° 46' 0" W  | 10   | 23       | INAMHI     |    |        |                |                  |              |               |          |  |
| M782   | BARCELONA                     | PV   | 140           | 1° 54' 0" S  | 80° 41' 0" W  | 0    | 23       | CEDEGE     |    |        |                | 66 / 4 / 1       |              |               |          |  |
| M867   | BATEY                         | PV   | 130           | 2° 12' 0" S  | 79° 27' 0" W  | 0    | 23       | I.S.CARLOS |    |        |                |                  |              |               |          |  |
| M097   | BAYUSHIG                      | CO   | 260           | 1° 34' 0" S  | 78° 29' 0" W  | 2700 | 16       | INERHI     |    |        |                | 70 / 4 /         |              |               |          |  |
| MA26   | BELLA FLOR                    | PV   | 0             | 1° 5' 0" S   | 80° 7' 0" W   | 0    | 21       | CRM        |    |        |                | 78 / 1 /         |              |               |          |  |
| M886   | BELLAVISTA T(PV20)            | PV   | 80            | 0° 10' 57" S | 78° 27' 24" W | 2900 | 12       | EMAPQ      |    |        |                | 82 / 1 / 28      |              |               |          |  |
| M979   | BELLAVISTA(PV21)              | PG   | 130           | 1° 45' 11" S | 80° 31' 11" W | 710  | 21       | CRM        |    |        |                | 80 / 3 / 20      |              |               |          |  |
| M192   | BELLAVISTA-ISLA S.CRUZ        | CO   | 320           | 0° 42' 0" S  | 90° 22' 0" W  | 194  | 40       | INAMHI     |    |        |                | 64 / 2 / 1       |              |               |          |  |
| M137   | BIBLIAN                       | CO   | 280           | 2° 42' 32" S | 78° 53' 30" W | 2640 | 17       | INAMHI     |    |        |                | 80 / 9 / 9       |              |               |          |  |
| M625   | BIBLIAN INECEL                | PG   | 280           | 2° 42' 36" S | 78° 53' 18" W | 2640 | 17       | INECEL     |    |        |                | 74 / 4 / 8       |              |               |          |  |

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INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION         | TIPO | ZONA<br>HIDRO | LATITUD |     |       | LONGITUD |     |       | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |              |    | FECHA DE<br>LEVANTAMIENTO |    |    |
|--------|-------------------------------|------|---------------|---------|-----|-------|----------|-----|-------|--------|----------------|------------------|-------------------------|--------------|----|---------------------------|----|----|
|        |                               |      |               | GG      | MM  | SS    | GG       | MM  | SS    |        |                |                  | AA                      | MM           | DD | AA                        | MM | DD |
| M881   | BICOCA-VENTANAS               | PV   | 130           |         |     |       |          |     |       |        | 22             | D.N.BANANO       |                         |              |    |                           |    |    |
| MA1A   | BOCA DE TAZONES               | PV   | 80            |         |     |       |          |     |       |        | 20             |                  |                         |              |    |                           |    |    |
| M733   | BOCATOMA-CANAR                | PV   | 160           | 2°      | 30' | 56" S | 79°      | 19' | 12" W | 165    | 17             | INERHI           | 62 / 4 /                |              |    |                           |    |    |
| M230   | BOCATOMA-CULEBRAS             | CO   | 150           | 2°      | 21' | 52" S | 79°      | 28' | 57" W | 27     | 17             | INERHI           | 68 / 5 /                |              |    |                           |    |    |
| M177   | BOLICHE                       | CO   | 150           | 2°      | 15' | 16" S | 79°      | 38' | 35" W |        | 23             | INAMHI           |                         |              |    |                           |    |    |
| M303   | BOLIVAR-CARCHI INAMHI         | PV   | 20            | 0°      | 30' | 19" N | 77°      | 54' | 13" W | 2800   | 10             | INAMHI           | 64 / 6 / 16             | 98 / 9 / 14  |    |                           |    |    |
| M084   | BOLIVAR-CARCHI INERHI         | CP   | 20            | 0°      | 32' | 1" N  | 77°      | 54' | 5" W  | 2640   | 10             | INERHI           | 68 / 7 /                |              |    |                           |    |    |
| M081   | BOMBOIZA                      | CP   | 280           | 3°      | 32' | 0" S  | 78°      | 28' | 0" W  | 780    | 32             | INECEL           | 74 / 12 / 5             | 79 / 2 / 28  |    |                           |    |    |
| M884   | BONITA-VENTANAS               | PV   | 130           |         |     |       |          |     |       |        | 22             | D.N.BANANO       |                         |              |    |                           |    |    |
| M820   | BONITO AJ PAGUA               | PV   | 170           | 3°      | 10' | 0" S  | 79°      | 43' | 0" W  |        | 24             | INAMHI           | 67 / 9 / 10             |              |    |                           |    |    |
| M225   | BORBON                        | CO   | 50            | 1°      | 4'  | 52" N | 78°      | 58' | 47" W | 30     | 20             | INAMHI           | 64 / 9 /                | 81 / 9 /     |    |                           |    |    |
| M829   | BORJA AJ QUIJOS               | PV   | 240           | 0°      | 23' | 0" S  | 77°      | 50' | 0" W  |        | 30             | INAMHI           | 72 / 7 /                | 73 / 3 /     |    |                           |    |    |
| M699   | BORJA SUPERIOR                | PG   | 240           | 0°      | 28' | 7" S  | 77°      | 44' | 52" W | 2120   | 30             | INECEL           | 79 / 12 / 20            |              |    |                           |    |    |
| M486   | BORJA-MISION JOSEFINA         | PV   | 240           | 0°      | 24' | 57" S | 77°      | 49' | 32" W | 1500   | 30             | INAMHI           | 65 / 4 / 24             |              |    |                           |    |    |
| MA2H   | BOTADERO (RIO BRICENIO)       | PV   | 0             | 0°      | 32' | 0" S  | 80°      | 16' | 0" W  |        | 21             | CRM              | 87 / 2 / 1              |              |    |                           |    |    |
| M163   | BOYACA                        | CP   | 100           | 0°      | 34' | 7" S  | 80°      | 12' | 20" W | 370    | 21             | INAMHI           | 78 / 12 / 4             |              |    |                           |    |    |
| MA20   | BRAMADORA                     | PV   |               |         |     |       |          |     |       |        | 23             | CEDEGE           |                         |              |    |                           |    |    |
| M039   | BUCAY                         | CP   | 130           | 2°      | 11' | 44" S | 79°      | 8'  | 0" W  | 480    | 23             | INAMHI           | 30 / 8 / 17             |              |    |                           |    |    |
| M751   | BUENAVISTA                    | PV   | 200           | 3°      | 53' | 15" S | 79°      | 42' | 45" W | 1020   | 19             | PREDESUR         | 81 / 2 /                |              |    |                           |    |    |
| M539   | BUENOS AIRES-AZUAY            | PG   | 280           | 2°      | 52' | 0" S  | 78°      | 3'  | 50" W | 2810   | 18             | INECEL           | 74 / 8 / 10             |              |    |                           |    |    |
| MB55   | BUENOS AIRES-HCPP             | CO   | 80            | 0°      | 19' | 21" N | 79°      | 13' | 22" W | 200    | 12             | HCCP             | 97 / 8 / 1              |              |    |                           |    |    |
| M693   | BUENOS AIRES-IMBABURA         | PG   | 20            | 0°      | 37' | 38" N | 78°      | 19' | 38" W | 2200   | 11             | INECEL           | 79 / 2 / 24             |              |    |                           |    |    |
| M797   | BULUBULU AJ PAYO              | PV   | 150           | 2°      | 17' | 30" S | 79°      | 30' | 5" W  | 30     | 23             | INAMHI           | 67 / 8 / 21             | 77 / 4 /     |    |                           |    |    |
| MA43   | BURGAY PARCELA                | PG   | 0             | 2°      | 49' | 18" S | 78°      | 52' | 5" W  | 2400   |                | INECEL           | 89 / 6 / 1              |              |    |                           |    |    |
| M708   | CABECERAS SANTA ROSA          | PG   | 240           | 0°      | 13' | 32" S | 77°      | 51' | 16" W | 1870   | 30             | INECEL           | 80 / 2 / 20             |              |    |                           |    |    |
| M596   | CACHACO                       | PV   | 20            | 0°      | 49' | 27" N | 78°      | 24' | 39" W | 710    | 11             | INAMHI           | 64 / /                  | 74 / 1 /     |    |                           |    |    |
| M959   | CACHUCTO(PV35)                | PV   | 80            | 0°      | 13' | 58" S | 78°      | 32' | 49" W | 3050   | 12             | EMAPQ            | 82 / 1 / 19             |              |    |                           |    |    |
| M311   | CAHUASQUI                     | PV   | 20            | 0°      | 31' | 8" N  | 78°      | 12' | 47" W | 2340   | 11             | INAMHI           | 63 / 2 / 14             | 85 / 6 / 19  |    |                           |    |    |
| M107   | CAHUASQUI-FAO                 | CO   | 20            | 0°      | 31' | 5" N  | 78°      | 12' | 40" W | 2335   | 11             | INAMHI           | 79 / 10 /               |              |    |                           |    |    |
| M394   | CAJABAMBA                     | PV   | 260           | 1°      | 41' | 5" S  | 78°      | 45' | 47" W | 3160   | 16             | INAMHI           | 63 / 5 / 8              |              |    |                           |    |    |
| M543   | CAJANUMA                      | PV   | 210           | 4°      | 4'  | 50" S | 79°      | 12' | 19" W | 2267   | 19             | PREDESUR         | 71 / 2 / 6              |              |    |                           |    |    |
| M577   | CAJAS PEDREGAL                | PV   | 80            | 0°      | 38' | 13" S | 78°      | 22' | 18" W | 3830   | 13             | INAMHI           | 63 / 4 / 6              |              |    |                           |    |    |
| M731   | CAJAS-CUCHITINGUE             | PV   | 260           | 0°      | 49' | 34" S | 78°      | 27' | 45" W | 3800   | 13             | INERHI           | 74 / 2 /                |              |    |                           |    |    |
| M526   | CAJAS-MOJANDA                 | PV   | 20            | 0°      | 8'  | 26" N | 78°      | 11' | 13" W | 3106   | 12             | INAMHI           | 63 / 2 / 13             | 78 / 9 /     |    |                           |    |    |
| M155   | CALABI CEDEGE                 | CO   | 130           | 1°      | 16' | 0" S  | 79°      | 25' | 0" W  | 0      | 22             | CEDEGE           | 82 / 12 / 14            |              |    |                           |    |    |
| M467   | CALABI-HDA LORENA             | PV   | 130           | 1°      | 9'  | 10" S | 79°      | 28' | 24" W | 190    | 22             | INAMHI           | 63 / 9 / 25             |              |    |                           |    |    |
| M358   | CALACALI INAMHI               | PV   | 80            | 0°      | 0'  | 5" N  | 78°      | 30' | 45" W | 2810   | 12             | INAMHI           | 30 / 4 / 8              |              |    |                           |    |    |
| M994   | CALACALI MAG                  | PG   | 80            |         |     |       |          |     |       |        | 12             | M.A.G            | 81 / 12 / 1             | 85 / 2 / 1   |    |                           |    |    |
| MA1Y   | CALAMACA CONVENIO INAMHI HCPT | CO   |               | 1°      | 16' | 21" S | 78°      | 49' | 2" W  | 3440   | 14             | INAMHI           | 88 / 7 / 4              |              |    |                           |    |    |
| M164   | CALCETA                       | CO   | 100           | 0°      | 50' | 40" S | 80°      | 9'  | 40" W | 58     | 21             | INAMHI           | 62 / 6 / 1              | 85 / 10 /    |    |                           |    |    |
| M345   | CALDERON                      | PV   | 80            | 0°      | 5'  | 54" S | 78°      | 25' | 15" W | 2645   | 12             | INAMHI           | 61 / 10 / 16            |              |    |                           |    |    |
| M822   | CALERA AJ AMARILLO            | PV   | 200           |         |     |       |          |     |       | 680    | 24             | INAMHI           | 67 / 0 /                |              |    |                           |    |    |
| M823   | CALUGURO                      | PV   | 190           | 3°      | 29' | 0" S  | 79°      | 55' | 0" W  | 0      | 24             | INAMHI           | 73 / 9 /                |              |    |                           |    |    |
| M129   | CALUMA                        | CO   | 130           | 1°      | 37' | 12" S | 79°      | 15' | 35" W | 350    | 15             | INAMHI           | 63 / 1 / 1              |              |    |                           |    |    |
| M443   | CAMARONES TACUZA              | PV   | 40            | 0°      | 58' | 0" N  | 79°      | 34' | 0" W  | 2      | 20             | INAMHI           |                         |              |    |                           |    |    |
| M450   | CAMARONES-MANABI              | PV   | 120           | 1°      | 7'  | 16" S | 80°      | 46' | 14" W | 180    | 21             | INAMHI           | 63 / 8 / 1              |              |    |                           |    |    |
| M322   | CAMBUGAN                      | PV   | 20            | 0°      | 16' | 17" N | 78°      | 23' | 32" W | 3160   | 11             | INAMHI           | 65 / 8 / 6              | 87 / 7 / 15  |    |                           |    |    |
| M463   | CAMPOSANO # 1                 | PV   | 130           | 1°      | 35' | 0" S  | 80°      | 23' | 52" W | 300    | 21             | INAMHI           | 63 / 3 / 5              | 85 / 7 / 22  |    |                           |    |    |
| M171   | CAMPOSANO #2                  | CP   | 130           | 1°      | 35' | 16" S | 80°      | 24' | 0" W  | 220    | 21             | INAMHI           | 76 / 12 / 1             |              |    |                           |    |    |
| M357   | CANAL 10 TV.                  | PG   | 80            | 0°      | 9'  | 53" S | 78°      | 31' | 21" W | 3780   | 12             | INAMHI           | 77 / 11 / 4             |              |    |                           |    |    |
| M356   | CANAL 4 TV.                   | PV   | 80            | 0°      | 10' | 0" S  | 78°      | 31' | 9" W  | 3500   | 12             | INAMHI           | 75 / 6 / 1              | 88 / 4 / 0   |    |                           |    |    |
| MA08   | CANAL 8 TV                    | PV   | 80            |         |     |       |          |     |       |        | 12             | INAMHI           |                         |              |    |                           |    |    |
| MA2Z   | CANALAL (PREDESUR)            | PV   | 200           | 3°      | 41' | 30" S | 79°      | 31' | 26" W | 1300   | 24             | PREDESUR         | 87 / 9 / 1              |              |    |                           |    |    |
| MA61   | CANCAN                        | PG   | 280           | 2°      | 54' | 35" S | 79°      | 17' | 34" W |        | 18             |                  | 97 / 2 / 21             |              |    |                           |    |    |
| M493   | CANELOS                       | PV   | 250           | 1°      | 35' | 0" S  | 75°      | 45' | 0" W  | 600    | 31             | INAMHI           | 78 / 9 / 26             | 85 / 6 / 29  |    |                           |    |    |
| M344   | CANGAHUA                      | PV   | 80            | 0°      | 3'  | 26" S | 78°      | 10' | 2" W  | 3140   | 12             | INAMHI           | 63 / 3 / 20             |              |    |                           |    |    |
| M031   | CANNAR                        | CP   | 160           | 2°      | 33' | 5" S  | 78°      | 56' | 15" W | 3083   | 17             | INAMHI           | 58 / 4 / 1              |              |    |                           |    |    |
| M522   | CANNAR AJ RAURA(SAN MIGUEL)   | PV   | 160           | 2°      | 29' | 30" S | 79°      | 4'  | 21" W | 1200   | 17             | INAMHI           | 67 / 8 / 26             | 77 / 11 / 10 |    |                           |    |    |
| M987   | CANNAS DE BANCHAL(PV9)        | PV   | 130           | 1°      | 36' | 28" S | 80°      | 29' | 0" W  | 180    | 21             | CRM              | 80 / 3 / 27             |              |    |                           |    |    |
| M404   | CANNI-LLIMBE                  | PV   | 130           | 1°      | 46' | 18" S | 78°      | 59' | 25" W | 2800   | 16             | INAMHI           | 69 / 7 / 21             |              |    |                           |    |    |
| M843   | CANNON DE LOS MONOS           | PV   | 240           | 0°      | 20' | 0" S  | 76°      | 58' | 0" W  | 0      | 30             | INAMHI           | 78 / 6 / 21             |              |    |                           |    |    |
| M182   | CARCABON                      | PV   | 190           | 3°      | 37' | 14" S | 80°      | 11' | 19" W | 35     | 24             | INAMHI           | 64 / 11 / 30            | 74 / 2 / 1   |    |                           |    |    |
| M146   | CARIAMANGA                    | AP   | 210           | 4°      | 20' | 0" S  | 79°      | 33' | 16" W | 1950   | 19             | INAMHI           | 63 / 6 / 1              |              |    |                           |    |    |
| M099   | CARPUELA                      | CO   | 20            | 0°      | 25' | 55" N | 77°      | 58' | 37" W | 1650   | 11             | INERHI           | 80 / 9 /                |              |    |                           |    |    |
| M988   | CARRETERA MANTA-GUAYAS        | PV   | 130           | 1°      | 40' | 47" S | 80°      | 26' | 44" W | 230    | 21             | CRM              | 80 / 3 / 25             |              |    |                           |    |    |
| M778   | CARRIZAL                      | PV   | 140           | 2°      | 8'  | 0" S  | 80°      | 27' | 0" W  | 0      | 23             | CEDEGE           | 74 / 11 / 2             |              |    |                           |    |    |
| M242   | CARSHAO                       | CE   | 160           | 2°      | 26' | 11" S | 78°      | 56' | 52" W | 4000   | 17             | INAMHI           | 84 / 12 /               |              |    |                           |    |    |
| M798   | CASCOL                        | PV   | 130           | 1°      | 40' | 1" S  | 80°      | 26' | 49" W | 152    | 21             | INAMHI           | 67 / 2 / 25             |              |    |                           |    |    |
| M515   | CATACOCHA                     | PV   | 210           | 4°      | 3'  | 14" S | 79°      | 38' | 42" W | 1808   | 19             | INAMHI           | 63 / 7 / 1              |              |    |                           |    |    |
| M359   | CAYAMBE                       | PV   | 80            | 0°      | 3'  | 14" N | 78°      | 8'  | 22" W | 2840   | 12             | INAMHI           | 62 / 7 / 16             |              |    |                           |    |    |
| M154   | CAYAPAS                       | CO   | 50            | 0°      | 58' | 54" N | 78°      | 59' | 0" W  | 75     | 20             | INAMHI           | 64 / 12 / 1             |              |    |                           |    |    |
| M752   | CAZADEROS                     | PV   | 200           | 4°      | 5'  | 0" S  | 80°      | 28' | 30" W | 290    | 19             | PREDESUR         | 81 / 8 /                |              |    |                           |    |    |
| M395   | CEBADAS                       | PV   | 260           | 1°      | 54' | 28" S | 78°      | 38' | 27" W | 2930   | 16             | INAMHI           | 64 / 7 / 16             |              |    |                           |    |    |
| MA1W   | CEBADAS CONVENIO INAMHI-CESA  | CO   |               | 1°      | 54' | 0" S  | 78°      | 38' | 0" W  | 3260   | 16             | INAMHI           | 87 / 11 / 1             |              |    |                           |    |    |
| M291   | CEEA-AYCHAPICHO               | CP   | 80            | 0°      | 27' | 30" S | 78°      | 35' | 35" W | 2991   | 12             | C.E.A            | 83 / 1 / 15             |              |    |                           |    |    |
| MA2B   | CEIBAL                        | CP   | 0             | 0°      | 57' | 0" S  | 80°      | 28' | 0" W  |        | 21             | CRM              | 86 / 11 / 15            |              |    |                           |    |    |
| M148   | CELICA                        | CO   | 210           | 4°      | 6'  | 17" S | 79°      | 57' | 5" W  | 1984   | 19             | INAMHI           | 63 / 12 / 1             |              |    |                           |    |    |
| M592   | CERECITA                      | PV   | 140           | 2°      | 19' | 53" S | 80°      | 16' | 0" W  | 60     | 23             | INAMHI           | 64 / 11 / 26            | 77 / /       |    |                           |    |    |
| M950   | CERRO VENTANILLA(PG14M)       | PG   | 80            | 0°      | 9'  | 32" S | 78°      | 32' | 20" W | 4080   | 12             | EMAPQ            | 82 / 4 / 14             | 82 / 6 / 30  |    |                           |    |    |
| M753   | CIANO                         | PV   | 200           | 3°      | 55' | 35" S | 79°      | 57' | 40" W | 1470   | 19             | PREDESUR         | 73 / 2 /                |              |    |                           |    |    |
| M854   | CIUDAD DE LOS MUCHACHOS       | PV   | 80            | 0°      | 56' | 0" N  | 79°      | 42' | 0" W  | 20     | 20             | INAMHI           | 63 / /                  |              |    |                           |    |    |
| M889   | CLEMENTINA DNB                | PV   | 130           |         |     |       |          |     |       |        | 22             | D.N.BANANO       |                         |              |    |                           |    |    |

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## INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION           | TIPO | ZONA<br>HIDRO | LATITUD      |               |      | LONGITUD |              |              | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE    |               | FECHA DE |    |    |    |
|--------|---------------------------------|------|---------------|--------------|---------------|------|----------|--------------|--------------|--------|----------------|------------------|-------------|---------------|----------|----|----|----|
|        |                                 |      |               | GG           | MM            | SS   | GG       | MM           | SS           |        |                |                  | INSTALACION | LEVANTAMIENTO |          |    |    |    |
|        |                                 |      |               |              |               |      |          |              |              |        |                |                  | AA          | MM            | DD       | AA | MM | DD |
| M261   | CLEMENTINA HDA.                 | CO   | 130           | 1° 42' 27" S | 79° 23' 17" W | 20   | 22       | CEDEGE       | 62 / 10 /    |        |                |                  |             |               |          |    |    |    |
| M896   | COCHABAMBA # 13                 | PV   | 130           |              |               |      |          | CEDEGE       | 84 / 1 / 11  |        |                |                  |             |               |          |    |    |    |
| M386   | COCHABAMBA(MAGDALENA)           | PV   | 130           | 1° 39' 49" S | 79° 4' 2" W   | 2200 | 15       | INAMHI       | 75 / 10 / 25 |        |                |                  |             |               |          |    |    |    |
| M413   | COCHANCAY                       | PV   | 150           | 2° 27' 17" S | 79° 17' 54" W | 185  | 17       | INAMHI       | 66 / 2 / 22  |        |                |                  |             |               |          |    |    |    |
| M527   | COCHANCAY LA CADENA             | PV   | 150           | 2° 24' 9" S  | 79° 24' 56" W | 40   | 17       | INERHI       | 73 / 5 /     |        |                |                  |             |               |          |    |    |    |
| M541   | COCHAPAMBA-QUINGEO              | PG   | 280           | 3° 0' 13" S  | 78° 55' 15" W | 2760 | 18       | INECEL       | 74 / 5 / 11  |        |                |                  |             |               |          |    |    |    |
| M605   | COCHASQUI-HDA. INAMHI           | PV   | 80            | 0° 3' 22" N  | 78° 18' 35" W | 2980 | 12       | INAMHI       | 64 / 9 / 24  |        |                | 72 / 4 / 27      |             |               |          |    |    |    |
| MA02   | COCHASQUI-PICACHOS MAG          | CO   | 80            | 0° 5' 0" N   | 78° 18' 0" W  | 3540 | 12       | M.A.G        | 69 / 8 /     |        |                |                  |             |               |          |    |    |    |
| M703   | CODO SINCLAIR INFERIOR          | PV   | 240           | 0° 1' 0" S   | 77° 20' 0" W  | 875  | 30       | INECEL       | 80 / 3 / 31  |        |                |                  |             |               |          |    |    |    |
| M702   | CODO SINCLAIR SUPERIOR          | PG   | 240           | 0° 9' 18" S  | 77° 26' 53" W | 940  | 30       | INECEL       | 80 / 3 / 29  |        |                |                  |             |               |          |    |    |    |
| M616   | COFFEA ROBUSTA                  | CO   | 130           | 1° 6' 32" S  | 79° 40' 2" W  | 40   | 23       | INAMHI       | 63 / 10 /    |        |                | 78 / 10 /        |             |               |          |    |    |    |
| M590   | COJIMIES                        | PV   | 70            | 0° 16' 0" N  | 79° 59' 23" W | 6    | 21       | INAMHI       | 64 / 9 / 2   |        |                |                  |             |               |          |    |    |    |
| M544   | COLAISACA                       | PV   | 210           | 4° 19' 8" S  | 79° 41' 35" W | 2410 | 19       | INAMHI       | 63 / 5 / 20  |        |                |                  |             |               |          |    |    |    |
| M262   | COLIMES DE BALZAR CEDEGE        | CO   | 130           |              |               |      |          | CEDEGE       | 83 / 1 / 5   |        |                |                  |             |               |          |    |    |    |
| M475   | COLIMES DE BALZAR INAMHI        | PV   | 130           | 1° 32' 34" S | 80° 0' 29" W  | 28   | 23       | INAMHI       | 64 / 11 / 28 |        |                |                  |             |               |          |    |    |    |
| M458   | COLIMES DE PAJAN                | PV   | 130           | 1° 34' 42" S | 80° 30' 21" W | 200  | 21       | INAMHI       | 70 / 5 / 15  |        |                |                  |             |               |          |    |    |    |
| M780   | COLONCHE                        | PG   | 140           | 2° 1' 0" S   | 80° 40' 0" W  |      | 23       | CEDEGE       | 75 / 1 /     |        |                |                  |             |               |          |    |    |    |
| M581   | COLTA                           | PV   | 260           |              |               |      | 16       |              |              |        |                |                  |             |               |          |    |    |    |
| M397   | COMPUD                          | PV   | 130           | 2° 20' 22" S | 78° 56' 13" W | 2860 | 16       | INAMHI       | 63 / 6 / 1   |        |                |                  |             |               |          |    |    |    |
| M871   | CONDUCTA                        | PV   | 130           | 2° 9' 0" S   | 79° 29' 0" W  |      | 23       | I.S.CARLOS   |              |        |                |                  |             |               |          |    |    |    |
| M631   | CONGONA(PERIPA-PTO.ILA)         | PV   | 130           | 0° 30' 0" S  | 78° 25' 45" W | 170  | 12       | INAMHI       | 66 / 1 /     |        |                | 77 / 7 /         |             |               |          |    |    |    |
| M112   | CONOCOTO                        | CO   | 80            | 0° 16' 2" S  | 78° 28' 8" W  | 2552 | 12       | INAMHI       | 62 / 7 / 1   |        |                |                  |             |               |          |    |    |    |
| M939   | CONTADERO(PG4M)                 | PG   | 80            | 0° 7' 3" S   | 78° 32' 32" W | 3750 | 12       | EMAPQ        | 82 / 4 / 12  |        |                | 82 / 8 / 18      |             |               |          |    |    |    |
| MA28   | CONVENTO                        | PV   | 0° 16' 0" S   | 80° 2' 0" W  |               | 21   | CRM      | 78 / 11 /    |              |        |                |                  |             |               |          |    |    |    |
| MB60   | COOP. U. GANADEROS ORENSES      | PG   | 80            | 0° 4' 21" S  | 78° 59' 16" W | 760  | 12       | HCCP         | 97 / 9 / 1   |        |                |                  |             |               |          |    |    |    |
| M598   | COOPERATIVA LUZ DE AMERICA      | PV   | 130           | 0° 24' 39" S | 79° 12' 27" W |      | 12       | INAMHI       | 64 / 12 /    |        |                | 73 / 8 / 5       |             |               |          |    |    |    |
| M673   | COPAL                           | PG   | 280           | 2° 42' 0" S  | 78° 23' 0" W  | 940  | 32       | INECEL       | 78 / 11 / 10 |        |                |                  |             |               |          |    |    |    |
| M313   | COPIHUE                         | PV   | 20            | 0° 29' 5" N  | 78° 11' 19" W | 1900 | 11       | INAMHI       | 63 / 2 / 14  |        |                | 84 / 4 /         |             |               |          |    |    |    |
| M546   | COSANGA                         | PG   | 240           | 0° 37' 0" S  | 77° 52' 19" W | 1930 | 30       | INECEL       | 73 / 12 /    |        |                |                  |             |               |          |    |    |    |
| M706   | COSANGA SUPERIOR                | PG   | 240           | 0° 38' 55" S | 77° 56' 0" W  | 2150 | 30       | INECEL       | 79 / 12 / 14 |        |                |                  |             |               |          |    |    |    |
| MA70   | COSMOAGRO                       | CP   | 130           | 2° 14' 8" S  | 79° 11' 47" W | 437  | 23       | INAMHI       | 97 / 11 / 11 |        |                |                  |             |               |          |    |    |    |
| M317   | COTACACHI-HDA.ESTHERCITA        | PV   | 20            | 0° 18' 54" N | 78° 15' 49" W | 2410 | 11       | INAMHI       | 63 / 3 / 14  |        |                |                  |             |               |          |    |    |    |
| M342   | COTOCOLLAO                      | PV   | 80            | 0° 5' 50" S  | 78° 29' 41" W | 2720 | 12       | INAMHI       | 31 / 4 / 20  |        |                | 86 / 8 / 5       |             |               |          |    |    |    |
| M120   | COTOPAXI-MINITRAK               | CP   | 80            | 0° 37' 41" S | 78° 34' 19" W | 3560 | 13       | INAMHI       | 62 / 4 / 7   |        |                |                  |             |               |          |    |    |    |
| MA1V   | COTOPILALO CONVENIO INAMHI-CESA | CO   | 0° 41' 0" S   | 78° 42' 0" W | 3250          | 13   | INAMHI   | 87 / 11 / 23 |              |        |                |                  |             |               |          |    |    |    |
| M488   | COTUNDO                         | PV   | 240           | 0° 52' 24" S | 77° 50' 16" W | 790  | 30       | INAMHI       | 71 / 1 / 13  |        |                |                  |             |               |          |    |    |    |
| M972   | CRISTOBAL COLON(PV14)           | PV   | 130           | 1° 37' 25" S | 80° 31' 41" W | 360  | 21       | CRM          | 80 / 3 / 26  |        |                |                  |             |               |          |    |    |    |
| M957   | CRUZ B"(PV29)"                  | PV   | 80            | 0° 10' 53" S | 78° 29' 7" W  | 2770 | 12       | EMAPQ        | 81 / 11 / 25 |        |                |                  |             |               |          |    |    |    |
| M954   | CRUZ LOMA-ANTENAS               | PV   | 80            | 0° 11' 7" S  | 78° 31' 58" W | 3945 | 12       | EMAPQ        | 31 / 5 / 11  |        |                |                  |             |               |          |    |    |    |
| M520   | CRUZ ROJA-GUAYAS                | PV   | 130           | 2° 9' 0" S   | 79° 53' 0" W  | 6    | 23       | INAMHI       | 76 / 6 /     |        |                |                  |             |               |          |    |    |    |
| M830   | CTO.DARIEGAS-ISLA SAN SALVADOR  | PV   | 320           | 0° 12' 0" S  | 80° 50' 0" W  | 0    | 40       | INAMHI       |              |        |                |                  |             |               |          |    |    |    |
| MA15   | CTO.TARRAGONA                   | PV   | 80            |              |               |      | 12       |              |              |        |                |                  |             |               |          |    |    |    |
| M627   | CTO.ZAPOTAL-KM.16 VIA QUININDE  | PV   | 80            | 0° 28' 0" N  | 79° 26' 0" W  | 100  | 20       | INAMHI       | 65 / 2 / 23  |        |                |                  |             |               |          |    |    |    |
| M083   | CUASMAL-PIARTAL                 | CP   | 20            | 0° 33' 2" N  | 77° 46' 12" W | 2735 | 10       | INERHI       | 68 / 1 /     |        |                |                  |             |               |          |    |    |    |
| M621   | CUELLAJE                        | PG   | 80            | 0° 24' 25" N | 78° 31' 23" W | 1890 | 11       | INECEL       | 77 / 10 / 20 |        |                |                  |             |               |          |    |    |    |
| M067   | CUENCA AEROPUERTO               | AR   | 280           | 2° 53' 12" S | 78° 59' 0" W  | 2516 | 18       | D.A.C.       | 29 / 9 /     |        |                |                  |             |               |          |    |    |    |
| M504   | CUMBARATZA                      | PV   | 280           | 3° 58' 38" S | 78° 51' 35" W | 930  | 33       | INAMHI       | 63 / 5 / 20  |        |                | 83 / 12 /        |             |               |          |    |    |    |
| M572   | CUMBAYA                         | PV   | 80            | 0° 11' 32" S | 78° 25' 37" W | 2370 | 12       | INAMHI       | 63 / 3 / 20  |        |                | 80 /             |             |               |          |    |    |    |
| M418   | CUMBE                           | PV   | 280           | 3° 4' 58" S  | 79° 0' 46" W  | 2720 | 18       | INAMHI       | 63 / 5 / 16  |        |                |                  |             |               |          |    |    |    |
| M078   | CURARAY AEROPUERTO              | CP   | 250           | 1° 30' 0" S  | 76° 50' 0" W  | 378  | 31       | F.A.E.       |              |        |                |                  |             |               |          |    |    |    |
| M369   | CUSUBAMBA                       | PV   | 260           | 1° 3' 59" S  | 78° 41' 57" W | 2990 | 13       | INAMHI       | 63 / 4 / 1   |        |                |                  |             |               |          |    |    |    |
| M436   | CUYUJA                          | PG   | 240           | 0° 5' 0" S   | 78° 2' 58" W  | 2380 | 30       | INECEL       | 77 / 4 / 15  |        |                |                  |             |               |          |    |    |    |
| M482   | CHACRAS                         | CO   | 190           | 3° 32' 37" S | 80° 11' 53" W | 60   | 24       | PREDESUR     | 73 / 1 / 1   |        |                |                  |             |               |          |    |    |    |
| M755   | CHAGUARGUAYCO                   | PV   | 200           | 4° 1' 0" S   | 80° 18' 40" W | 290  | 19       | PREDESUR     | 81 / 8 /     |        |                |                  |             |               |          |    |    |    |
| M754   | CHAGUARPAMBA                    | PV   | 200           | 3° 55' 35" S | 79° 57' 40" W | 1470 | 19       | PREDESUR     | 73 / 2 /     |        |                |                  |             |               |          |    |    |    |
| M082   | CHALPATAN                       | CP   | 30            | 0° 44' 13" N | 77° 48' 21" W | 3360 | 10       | INERHI       | 84 / 6 /     |        |                |                  |             |               |          |    |    |    |
| M533   | CHALUPAS                        | PG   | 240           | 0° 50' 16" S | 78° 16' 44" W | 3520 | 13       | INERHI       | 73 / 5 /     |        |                |                  |             |               |          |    |    |    |
| M406   | CHAMBO-FINCA GUADALUPE          | PV   | 260           | 1° 42' 42" S | 78° 36' 5" W  | 2640 | 16       | INAMHI       | 75 / 12 / 2  |        |                |                  |             |               |          |    |    |    |
| M756   | CHANGAIMINA                     | PV   | 210           | 4° 13' 16" S | 79° 31' 25" W | 1935 | 19       | PREDESUR     | 76 / 1 /     |        |                |                  |             |               |          |    |    |    |
| M440   | CHANGUARAL(ISLA SAN PEDRO)      | PV   | 10            | 1° 21' 36" N | 78° 51' 15" W | 2    | 20       | INAMHI       | 64 / 2 / 12  |        |                |                  |             |               |          |    |    |    |
| M414   | CHANIN                          | PV   | 280           | 2° 40' 13" S | 78° 44' 50" W | 3020 | 17       | INAMHI       | 63 / 11 / 24 |        |                |                  |             |               |          |    |    |    |
| MA41   | CHANLUD                         | CO   | 2° 40' 37" S  | 79° 1' 53" W | 3440          |      |          | INAMHI       | 89 / 1 / 1   |        |                |                  |             |               |          |    |    |    |
| M035   | CHARAPOTO                       | CP   | 100           | 0° 49' 55" S | 80° 29' 16" W | 35   | 21       | INAMHI       | 78 / 2 / 1   |        |                |                  |             |               |          |    |    |    |
| M191   | CHARLES DARWIN INAMHI           | CO   | 320           | 0° 45' 0" S  | 90° 18' 0" W  | 6    | 40       | INAMHI       | 64 / 2 / 1   |        |                |                  |             |               |          |    |    |    |
| M601   | CHARLES DARWIN INECEL           | AN   | 320           | 0° 26' 0" S  | 90° 17' 0" W  | 6    | 40       | INECEL       | 81 / 9 / 29  |        |                |                  |             |               |          |    |    |    |
| M665   | CHAUCHA                         | PG   | 170           | 2° 54' 45" S | 79° 25' 0" W  | 1880 | 18       | INECEL       | 77 / 12 / 6  |        |                |                  |             |               |          |    |    |    |
| M573   | CHAUPI                          | PV   | 80            | 0° 7' 30" N  | 78° 6' 0" W   | 3100 | 12       | INAMHI       | 63 / 3 /     |        |                |                  |             |               |          |    |    |    |
| M498   | CHIGUINDA-BERMEJOS              | PV   | 280           | 3° 19' 50" S | 78° 41' 37" W | 2100 | 32       | INAMHI       | 79 / 8 / 2   |        |                |                  |             |               |          |    |    |    |
| M256   | CHILINTOMO                      | CO   | 130           | 1° 49' 11" S | 79° 27' 23" W |      | 22       | CEDEGE       | 74 / 2 /     |        |                | 76 / 8 /         |             |               |          |    |    |    |
| M130   | CHILLANES                       | CO   | 130           | 1° 58' 32" S | 79° 3' 48" W  | 2330 | 15       | INAMHI       | 63 / 1 / 1   |        |                |                  |             |               |          |    |    |    |
| M921   | CHILLOGALLO                     | PG   | 80            | 0° 16' 15" S | 78° 33' 15" W | 3000 | 12       | INERHI       | 77 / 10 / 28 |        |                |                  |             |               |          |    |    |    |
| M868   | CHIMBO                          | PV   | 130           | 2° 10' 0" S  | 79° 25' 0" W  |      | 23       | I.S.CARLOS   |              |        |                |                  |             |               |          |    |    |    |
| M402   | CHIMBO DJ PANGOR                | PV   | 130           | 1° 56' 24" S | 79° 0' 16" W  | 1452 | 16       | INAMHI       | 67 / 8 / 31  |        |                |                  |             |               |          |    |    |    |
| M946   | CHINILOMA(PG12M)                | PG   | 80            | 0° 8' 10" S  | 78° 32' 4" W  | 3780 | 12       | EMAPQ        | 82 / 4 / 12  |        |                | 82 / 5 / 25      |             |               |          |    |    |    |
| M116   | CHIRIBOGA                       | PV   | 80            | 0° 12' 38" S | 78° 46' 55" W | 1750 | 12       | INAMHI       | 62 / 10 / 1  |        |                |                  |             |               |          |    |    |    |
| MB75   | CHIRIYACU                       | CO   | 20            |              |               |      | 11       |              | 98 / 9 / 1   |        |                |                  |             |               |          |    |    |    |
| M683   | CHITOA                          | PG   | 80            | 0° 27' 0" S  | 78° 46' 0" W  | 1180 | 12       | INECEL       | 77 / 8 / 12  |        |                |                  |             |               |          |    |    |    |
| M360   | CHITOA-TANDAPI                  | PV   | 80            | 0° 20' 40" S | 78° 56' 41" W | 1120 | 12       | INAMHI       | 48 / 9 /     |        |                | 84 / 5 /         |             |               |          |    |    |    |
| M162   | CHONE                           | CO   | 100           | 0° 41' 0" S  | 80° 5' 0" W   | 20   | 21       | INAMHI       | 62 / 6 / 1   |        |                |                  |             |               |          |    |    |    |
| M246   | CHONGON                         | CP   | 140           | 2° 14' 0" S  | 80° 6' 0" W   |      | 23       | CEDEGE       | 84 / 10 / 28 |        |                |                  |             |               |          |    |    |    |
| M229   | CHONGON-EST.MECANICA DAC        | CO   | 130           | 2° 14' 0" S  | 80° 3' 0" W   | 17   | 23       | D.A.C.       |              |        |                |                  |             |               |          |    |    |    |
| M710   | CHONTA PUNTA                    | PG   | 240           | 0° 52' 54" S | 77° 20' 44" W | 500  | 30       | INECEL       | 81 / 10 / 1  |        |                |                  |             |               |          |    |    |    |

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INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION          | TIPO | ZONA<br>HIDRO | LATITUD      |               |      | LONGITUD |             |    | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE     |               | FECHA DE |  |
|--------|--------------------------------|------|---------------|--------------|---------------|------|----------|-------------|----|--------|----------------|------------------|--------------|---------------|----------|--|
|        |                                |      |               | GG           | MM            | SS   | GG       | MM          | SS |        |                |                  | INSTALACION  | LEVANTAMIENTO |          |  |
|        |                                |      |               |              |               |      |          |             |    |        |                |                  | AA / MM / DD | AA / MM / DD  |          |  |
| M524   | CHONTAL ALTO                   | PG   | 80            | 0° 16' 0" N  | 78° 45' 0" W  | 1300 | 11       | INECEL      |    |        |                | 78 / 5 / 1       |              |               |          |  |
| M327   | CHONTAL BAJO(GUAYLL.DJ ALAMBI) | PV   | 80            | 0° 14' 0" N  | 78° 50' 0" W  | 700  | 11       | INAMHI      |    |        |                | 67 / 9 / 21      |              |               |          |  |
| M971   | CHONTAL(PV10)                  | PV   | 130           | 1° 36' 11" S | 80° 34' 6" W  | 420  | 21       | CRM         |    |        |                | 80 / 8 / 8       |              |               |          |  |
| M234   | CHONTAMARCA                    | CO   | 150           | 2° 25' 10" S | 79° 5' 7" W   | 2271 | 17       | INERHI      |    |        |                | 80 / 10 /        |              |               |          |  |
| M453   | CHORRILLOS                     | PV   | 110           | 1° 2' 25" S  | 80° 40' 36" W | 220  | 21       | INAMHI      |    |        |                | 65 / 7 / 14      |              |               |          |  |
| M570   | CHOTA CHIQUITO                 | PV   | 20            | 0° 30' 0" N  | 78° 3' 0" W   | 1590 | 11       | INAMHI      |    |        |                | 63 / 2 / 15      | 66 / 8 /     |               |          |  |
| MA1R   | CHOTA-H.S.RAFael               | CO   | 20            | 0° 27' 0" N  | 77° 59' 0" W  | 1800 | 11       |             |    |        |                | 31 / 8 / 1       |              |               |          |  |
| M136   | CHUNCHI                        | CO   | 130           | 2° 16' 30" S | 78° 55' 18" W | 2245 | 16       | INAMHI      |    |        |                | 69 / 5 / 8       |              |               |          |  |
| M157   | CHURUTE                        | CP   | 150           | 2° 28' 0" S  | 79° 36' 0" W  | 8    | 23       | INERHI      |    |        |                | 83 / 11 /        |              |               |          |  |
| M257   | DAULE(COL.AGRONOMICO)          | CO   | 130           | 1° 49' 43" S | 79° 58' 47" W | 9    | 23       | INAMHI      |    |        |                | 62 / 8 /         | 77 / 5 /     |               |          |  |
| MA24   | DOS BOCAS                      | PV   | 0             | 0° 51' 0" S  | 79° 58' 0" W  |      | 21       | CRM         |    |        |                | 71 / 3 /         |              |               |          |  |
| M248   | DOS HERMANAS                   | CP   | 130           | 0° 37' 52" S | 79° 40' 4" W  | 45   | 21       | CEDEGE      |    |        |                | 73 / 1 / 23      |              |               |          |  |
| M951   | ECUADOR-TENIS(PV21)            | PV   | 80            | 0° 11' 26" S | 78° 30' 37" W | 2900 | 12       | EMAPQ       |    |        |                | 82 / 5 / 27      |              |               |          |  |
| M383   | ECHEANDIA                      | PV   | 130           | 1° 25' 55" S | 79° 16' 16" W | 370  | 15       | INAMHI      |    |        |                | 67 / 8 / 9       |              |               |          |  |
| M781   | EL AJI                         | PV   | 140           |              |               |      | 23       | CEDEGE      |    |        |                | 75 / 2 / 15      |              |               |          |  |
| M451   | EL ANEGADO                     | PV   | 120           | 1° 28' 5" S  | 80° 32' 55" W | 380  | 21       | INAMHI      |    |        |                | 63 / 3 / 5       |              |               |          |  |
| M102   | EL ANGEL                       | CO   | 20            | 0° 37' 35" N | 77° 56' 38" W | 3055 | 10       | INAMHI      |    |        |                | 32 / 9 / 1       |              |               |          |  |
| M223   | EL AZUCAR                      | CO   | 140           | 2° 15' 0" S  | 80° 35' 0" W  | 31   | 23       | CEDEGE      |    |        |                | 73 / 12 /        |              |               |          |  |
| M729   | EL AZUFRAL                     | PV   | 20            | 0° 37' 0" N  | 77° 54' 0" W  | 3410 | 10       | INERHI      |    |        |                | 84 / 8 /         |              |               |          |  |
| M771   | EL BARRO                       | PV   | 100           |              |               |      | 21       | J.R.H.      |    |        |                | 81 / 1 /         |              |               |          |  |
| M956   | EL BATAN(PG28M)                | PG   | 80            | 0° 11' 13" S | 78° 28' 22" W | 2780 | 12       | EMAPQ       |    |        |                | 82 / 4 / 6       |              |               |          |  |
| M251   | EL BOLO                        | CP   | 130           |              |               |      | 22       | CEDEGE      |    |        |                | 82 / 12 / 29     |              |               |          |  |
| M812   | EL BOTADERO                    | PV   | 90            | 0° 30' 30" S | 80° 21' 3" W  | 35   | 21       | INAMHI      |    |        |                | 71 / 4 / 1       |              |               |          |  |
| M101   | EL CARMELO                     | CO   | 230           | 0° 40' 40" N | 77° 36' 58" W | 2856 | 10       | INAMHI      |    |        |                | 64 / 6 / 16      |              |               |          |  |
| M160   | EL CARMEN                      | CO   | 130           | 0° 19' 4" S  | 79° 16' 47" W | 250  | 21       | INAMHI      |    |        |                | 76 / 11 / 7      |              |               |          |  |
| M542   | EL CISNE                       | PV   | 210           | 3° 51' 8" S  | 79° 25' 37" W | 2218 | 19       | PREDESUR    |    |        |                | 71 / 2 / 15      |              |               |          |  |
| M052   | EL COCA AEROPUERTO             | AR   | 240           | 0° 27' 0" S  | 76° 56' 0" W  | 298  | 30       | D.A.C.      |    |        |                |                  |              |               |          |  |
| M186   | EL COCA INAMHI                 | CO   | 240           | 0° 27' 55" S | 76° 59' 17" W | 290  | 30       | INAMHI      |    |        |                | 66 / 6 / 1       |              |               |          |  |
| M618   | EL CONDADO(PG1D)               | PG   | 80            | 0° 5' 58" S  | 78° 29' 24" W | 2710 | 12       | EMAPQ       |    |        |                | 82 / 3 / 30      |              |               |          |  |
| M123   | EL CORAZON                     | CO   | 130           | 1° 12' 2" S  | 79° 6' 35" W  | 1560 | 13       | INAMHI      |    |        |                | 83 / 8 / 16      |              |               |          |  |
| M785   | EL COROZO                      | CO   | 140           | 2° 5' 0" S   | 80° 31' 0" W  |      | 23       | CEDEGE      |    |        |                | 66 / 2 / 7       |              |               |          |  |
| M825   | EL CHACO INAMHI                | PV   | 240           | 0° 21' 0" S  | 77° 50' 0" W  |      | 30       | INAMHI      |    |        |                | 72 / 6 /         |              |               |          |  |
| M201   | EL CHACO INECEL                | CP   | 240           | 0° 20' 0" S  | 77° 40' 0" W  | 1570 | 30       | INECEL      |    |        |                | 77 / 4 / 30      |              |               |          |  |
| M548   | EL DORADO                      | PV   | 280           | 3° 53' 0" S  | 78° 42' 0" W  | 850  | 33       | INAMHI      |    |        |                | 78 / 4 / 29      |              |               |          |  |
| MB62   | EL EDEN GANADERO               | PG   | 80            | 0° 12' 13" S | 79° 3' 55" W  | 680  | 12       | HCCP        |    |        |                | 97 / 9 / 1       |              |               |          |  |
| M688   | EL GOLPE                       | PV   | 240           | 1° 8' 20" S  | 78° 20' 20" W | 3800 | 14       | INECEL      |    |        |                | 79 / 8 / 16      |              |               |          |  |
| MA58   | EL INGENIO                     | PG   | 210           | 4° 24' 53" S | 79° 25' 55" W | 1189 | 19       | PREDESUR    |    |        |                |                  |              |               |          |  |
| M141   | EL LABRADO                     | CO   | 280           | 2° 51' 0" S  | 79° 16' 0" W  | 3260 | 18       | INAMHI      |    |        |                | 63 / 12 / 1      |              |               |          |  |
| M757   | EL LIMO                        | PV   | 200           | 3° 59' 0" S  | 80° 7' 30" W  | 1150 | 19       | PREDESUR    |    |        |                | 81 / 8 /         |              |               |          |  |
| M433   | EL LUCERO INAMHI               | PV   | 210           | 4° 23' 59" S | 79° 28' 18" W | 1180 | 19       | INAMHI      |    |        |                | 79 / 8 /         |              |               |          |  |
| M761   | EL LUCERO PREDESUR             | PV   | 210           | 4° 24' 0" S  | 79° 28' 0" W  | 1300 | 19       | PREDESUR    |    |        |                | 71 / 2 /         | 85 / 1 /     |               |          |  |
| M737   | EL MANGO                       | PV   | 190           | 3° 42' 30" S | 80° 5' 0" W   | 125  | 24       | PREDESUR    |    |        |                | 81 / 3 /         | 81 / 11 /    |               |          |  |
| M553   | EL MORRO                       | PV   | 140           | 2° 39' 0" S  | 80° 19' 0" W  | 15   | 23       | INAMHI      |    |        |                |                  |              |               |          |  |
| M416   | EL PAN                         | PV   | 280           | 2° 47' 3" S  | 78° 40' 1" W  | 2570 | 18       | INAMHI      |    |        |                | 63 / 5 / 2       |              |               |          |  |
| M502   | EL PANGUI                      | PV   | 280           | 3° 38' 47" S | 78° 34' 18" W | 820  | 33       | INAMHI      |    |        |                | 78 / 4 / 30      |              |               |          |  |
| MB66   | EL PASO                        | PV   | 80            | 0° 15' 15" S | 78° 49' 27" W | 2200 | 12       | HCCP        |    |        |                | 97 / 9 / 1       |              |               |          |  |
| M958   | EL PLACER PLTA.(PT32D)         | PV   | 80            | 0° 12' 44" S | 78° 31' 1" W  | 2930 | 12       | EMAPQ       |    |        |                | 81 / 11 / 11     |              |               |          |  |
| M585   | EL PLACER-ESTACION FF CC       | PV   | 50            | 0° 57' 0" N  | 78° 33' 0" W  | 450  | 20       | INAMHI      |    |        |                | 63 / 0 /         |              |               |          |  |
| M487   | EL PLAYON DE SAN FRANCISCO     | PV   | 230           | 0° 37' 50" N | 77° 37' 46" W | 2980 | 34       | INAMHI      |    |        |                | 68 / 9 / 10      |              |               |          |  |
| M758   | EL PRADO(GUAYQUICHUMA) 200 CC  | PV   | 200           | 3° 49' 16" S | 79° 33' 36" W | 850  | 19       | PREDESUR    |    |        |                | 71 / 2 / 19      |              |               |          |  |
| M175   | EL PROGRESO-GUAYAS             | CO   | 140           | 2° 19' 7" S  | 80° 21' 52" W | 80   | 23       | INAMHI      |    |        |                | 80 / 12 / 10     |              |               |          |  |
| M193   | EL PROGRESO-SOCAVON            | CO   | 320           | 0° 54' 0" S  | 89° 34' 0" W  | 250  | 40       | INAMHI      |    |        |                | 64 / 2 / 1       |              |               |          |  |
| M343   | EL QUINICHE-PICHINCHA          | PV   | 80            | 0° 6' 8" S   | 78° 18' 12" W | 2605 | 12       | INAMHI      |    |        |                | 30 / 6 / 1       |              |               |          |  |
| M089   | EL QUINICHE-TUNGURAHUA         | CP   | 260           | 1° 17' 48" S | 78° 40' 12" W | 3100 | 14       | INERHI      |    |        |                | 84 / 9 /         |              |               |          |  |
| M121   | EL REFUGIO-COTOPAXI            | CE   | 260           | 0° 39' 33" S | 78° 26' 12" W | 4800 | 13       | INAMHI      |    |        |                | 77 / 10 / 1      |              |               |          |  |
| M239   | EL SALADO-PREDESUR             | CO   | 200           | 3° 43' 22" S | 79° 38' 37" W | 576  | 24       | PREDESUR    |    |        |                | 81 / 9 /         |              |               |          |  |
| M791   | EL SAUCE                       | PV   | 130           |              |               |      | 22       | CEDEGE      |    |        |                | 84 / 2 / 9       |              |               |          |  |
| M944   | EL SOMBRERITO(PV10)            | PV   | 80            | 0° 8' 53" S  | 78° 30' 58" W | 3200 | 12       | EMAPQ       |    |        |                | 81 / 12 / 7      |              |               |          |  |
| M245   | EL SUSPIRO                     | CP   | 140           |              |               |      | 23       | CEDEGE      |    |        |                | 68 / 1 / 3       |              |               |          |  |
| M236   | EL TABLON                      | CO   | 200           | 3° 43' 0" S  | 79° 39' 0" W  | 753  | 24       | INERHI      |    |        |                | 74 / 12 /        |              |               |          |  |
| M523   | EL TAMBO-CANNAR                | PV   | 160           | 2° 30' 24" S | 78° 55' 32" W | 2940 | 17       | INAMHI      |    |        |                | 63 / 10 / 10     | 75 / 12 /    |               |          |  |
| M759   | EL TAMBO-LOJA                  | PV   | 210           | 4° 4' 25" S  | 79° 18' 0" W  | 1580 | 19       | PREDESUR    |    |        |                | 73 / 2 /         |              |               |          |  |
| MA1S   | EL TINGO-BALNEARIO             | CO   | 80            |              |               |      | 12       |             |    |        |                | 32 / 7 /         |              |               |          |  |
| M379   | EL TOPO-TUNGURAHUA             | PG   | 260           | 1° 24' 13" S | 78° 11' 28" W | 1270 | 14       | INECEL      |    |        |                | 78 / 6 / 23      |              |               |          |  |
| M789   | EL TRIUNFO #8                  | PV   | 130           |              |               |      | 22       | CEDEGE      |    |        |                | 83 / 12 / 21     |              |               |          |  |
| M727   | EL VOLADERO                    | PV   | 30            | 0° 41' 0" N  | 77° 52' 0" W  | 3400 | 10       | INERHI      |    |        |                | 84 / 8 /         |              |               |          |  |
| MB67   | EL VOLANTE                     | PV   | 80            | 0° 16' 54" S | 78° 50' 54" W | 1760 | 12       | HCCP        |    |        |                | 97 / 9 / 1       |              |               |          |  |
| M588   | ELOY ALFARO                    | PV   | 100           |              |               |      | 21       |             |    |        |                |                  |              |               |          |  |
| M858   | EMPALME                        | PV   | 150           | 2° 17' 0" S  | 79° 29' 0" W  |      | 23       | I.S.CARLOS  |    |        |                |                  |              |               |          |  |
| M269   | ESMERALDAS INOCAR(LAS PALMAS)  | CO   | 80            | 0° 59' 7" N  | 79° 38' 7" W  | 6    | 20       | INOCAR      |    |        |                |                  |              |               |          |  |
| M058   | ESMERALDAS-TACHINA             | AR   | 80            | 0° 58' 45" N | 79° 37' 28" W | 7    | 20       | D.A.C.      |    |        |                | 43 / 1 /         |              |               |          |  |
| M109   | ESPEJO                         | CO   | 20            | 0° 13' 0" N  | 78° 15' 0" W  | 3060 | 11       | INAMHI      |    |        |                |                  |              |               |          |  |
| M048   | ESPOCH 32                      | CO   | 250           | 1° 36' 0" S  | 77° 55' 0" W  | 760  | 31       | ESPOCH      |    |        |                |                  |              |               |          |  |
| M660   | ESTACION EXP.DE MACHALA-DNB    | PV   | 180           | 3° 18' 0" S  | 79° 55' 0" W  |      | 24       | D.N.BANANO  |    |        |                |                  |              |               |          |  |
| M645   | ESTACION EXP.DE PICHILINGUE    | PV   | 130           |              |               |      | 22       | D.N.BANANO  |    |        |                | 64 / 1 /         | 69 / 11 /    |               |          |  |
| M296   | ESTANCILLA                     | CP   | 100           | 0° 49' 0" S  | 80° 13' 0" W  |      | 21       | CRM         |    |        |                |                  |              |               |          |  |
| MA1B   | ESTERO TIGRE                   | PV   | 80            |              |               |      | 20       |             |    |        |                |                  |              |               |          |  |
| MA1C   | ESTERO TIMBRE                  | PV   | 80            |              |               |      | 20       |             |    |        |                |                  |              |               |          |  |
| M799   | ESTERO VERDE                   | PV   | 150           | 2° 18' 0" S  | 79° 25' 0" W  | 48   | 23       | I.S.CARLOS  |    |        |                | 69 / 7 / 1       | 74 / 8 /     |               |          |  |
| M772   | FAC.DE AGRONOMIA-U.GUAYAQUIL   | PV   | 130           |              |               |      | 23       | U.GUAYAQUIL |    |        |                |                  |              |               |          |  |
| M387   | FACUNDO VELA                   | PV   | 130           | 1° 12' 0" S  | 79° 3' 0" W   | 1300 | 15       | INAMHI      |    |        |                | 76 / 11 / 3      | 82 / /       |               |          |  |
| M474   | FEBRES CORDERO                 | PV   | 130           | 1° 56' 31" S | 80° 36' 42" W | 60   | 23       | INAMHI      |    |        |                | 64 / 11 / 25     |              |               |          |  |

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## INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION          | TIPO | ZONA<br>HIDRO | LATITUD |      |       | LONGITUD |      |       | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |    | FECHA DE<br>LEVANTAMIENTO |    |    |    |
|--------|--------------------------------|------|---------------|---------|------|-------|----------|------|-------|--------|----------------|------------------|-------------------------|----|---------------------------|----|----|----|
|        |                                |      |               | GG      | MM   | SS    | GG       | MM   | SS    |        |                |                  | AA                      | MM | DD                        | AA | MM | DD |
| M301   | FF CC GARCHI                   | PV   | 20            | 0°      | 40'  | 36" N | 78°      | 10'  | 56" W | 1280   | 10             | INAMHI           | 64                      | 3  | 10                        |    |    |    |
| M161   | FLAVIO ALFARO                  | CP   | 130           | 0°      | 24'  | 8" S  | 79°      | 54'  | 25" W | 150    | 21             | INAMHI           | 70                      | 10 |                           |    |    |    |
| M938   | FUNDACION GUAYASAMIN           | PV   | 80            |         |      |       |          |      |       |        | 12             |                  |                         |    |                           | 88 | 4  | /  |
| M818   | GALA EN PTE.CARRETERA          | PV   | 170           | 2°      | 59'  | 0" S  | 79°      | 46'  | 0" W  |        | 23             | INAMHI           |                         |    |                           |    |    |    |
| M792   | GALTE LAIME                    | PV   | 260           |         |      |       |          |      |       |        | 16             | CEDEGE           | 84                      | 1  | 13                        |    |    |    |
| M325   | GARCIA MORENO                  | PV   | 80            | 0°      | 14'  | 2" N  | 78°      | 37'  | 37" W | 1950   | 11             | INAMHI           | 75                      | 12 | 6                         |    |    |    |
| M669   | GIMA                           | PV   | 280           | 3°      | 11'  | 34" S | 78°      | 57'  | 7" W  | 2770   | 18             | INECEL           | 78                      | 8  | 7                         |    |    |    |
| M419   | GIRON                          | PV   | 280           | 3°      | 9'   | 14" S | 79°      | 8'   | 58" W | 2130   | 18             | INAMHI           | 63                      | 5  | /                         |    |    |    |
| M149   | GONZANAMA                      | CO   | 210           | 4°      | 13'  | 49" S | 79°      | 25'  | 52" W | 2042   | 19             | INAMHI           | 75                      | 5  | 20                        |    |    |    |
| M977   | GRAMALOTAL(PV18)               | PV   | 130           | 1°      | 43'  | 8" S  | 80°      | 30'  | 16" W | 400    | 21             | CRM              | 80                      | 3  | 25                        |    |    |    |
| M807   | GRANJA EXP.DE MILAGRO          | PV   | 130           |         |      |       |          |      |       |        | 23             | D.N.BANANO       | 66                      | 2  | /                         | 70 | 12 | /  |
| M885   | GRANJA EXP.DE VAINILLO         | PV   | 150           |         |      |       |          |      |       |        | 23             | D.N.BANANO       |                         |    |                           |    |    |    |
| M292   | GRANJA STA.INES(UTM)           | CP   | 180           | 3°      | 17'  | 16" S | 79°      | 54'  | 5" W  | 5      | 24             | INAMHI           | 85                      | 11 | 25                        |    |    |    |
| M307   | GRUTA LA PAZ                   | PV   | 20            | 0°      | 40'  | 0" N  | 77°      | 55'  | 11" W | 2470   | 10             | INAMHI           | 67                      | 7  | 1                         |    |    |    |
| MB70   | GUADALAJARA                    | PV   | 80            | 0°      | 1'   | 6" S  | 79°      | 34'  | 30" W | 140    | 12             | HCCP             | 97                      | 9  | 1                         |    |    |    |
| M960   | GUAIRAPUNGO(PV36)              | PV   | 80            | 0°      | 14'  | 31" S | 78°      | 33'  | 58" W | 3250   | 12             | EMAPQ            | 81                      | 12 | 3                         |    |    |    |
| MA25   | GUAJABE                        | PV   | 1°            | 6'      | 0" S | 80°   | 10'      | 0" W |       |        | 21             | CRM              | 77                      | 11 | /                         |    |    |    |
| M139   | GUALACEO                       | CO   | 280           | 2°      | 52'  | 55" S | 78°      | 46'  | 35" W | 2360   | 18             | INAMHI           | 69                      | 5  | 2                         |    |    |    |
| MA69   | GUALACEO D.J. PAMAR (PIRUCAY)  | PG   | 280           | 2°      | 49'  | 14" S | 78°      | 48'  | 19" W |        | 18             |                  | 97                      | 2  | 21                        |    |    |    |
| M080   | GUALAQUIZA AEROPUERTO          | AR   | 280           | 3°      | 25'  | 0" S  | 78°      | 32'  | 0" W  | 927    | 32             | D.A.C.           |                         |    |                           |    |    |    |
| M189   | GUALAQUIZA INAMHI              | CO   | 280           | 3°      | 24'  | 0" S  | 78°      | 34'  | 0" W  | 750    | 32             | INAMHI           | 33                      | 12 | 1                         |    |    |    |
| M589   | GUALE                          | PV   | 130           | 1°      | 37'  | 32" S | 80°      | 14'  | 9" W  | 40     | 21             | INAMHI           | 64                      | 11 | 27                        | 74 | 8  | /  |
| MA27   | GUALE AYAMPE                   | PV   | 1°            | 41'     | 0" S | 80°   | 44'      | 0" W |       |        | 21             | CRM              | 78                      | 1  | /                         |    |    |    |
| M909   | GUALSQUI                       | PV   | 20            | 0°      | 15'  | 23" N | 78°      | 19'  | 8" W  | 2710   | 11             | INAMHI           | 85                      | 10 | 1                         |    |    |    |
| M827   | GUAMANI                        | PV   | 80            |         |      |       |          |      |       | 4000   | 12             | R. HCJB          | 67                      | 5  | 23                        |    |    |    |
| M134   | GUAMOTE                        | CO   | 260           | 1°      | 56'  | 0" S  | 78°      | 43'  | 0" W  | 3020   | 16             | INAMHI           | 63                      | 6  | 1                         |    |    |    |
| M738   | GUANAZAN                       | PV   | 180           | 3°      | 27'  | 0" S  | 79°      | 30'  | 0" W  | 2580   | 24             | PREDESUR         | 81                      | 2  | /                         |    |    |    |
| M529   | GUANGAJE                       | PV   | 80            | 0°      | 51'  | 36" S | 78°      | 50'  | 30" W | 3800   | 13             | INERHI           | 72                      | 6  | /                         |    |    |    |
| M408   | GUANO                          | PV   | 260           | 1°      | 36'  | 19" S | 78°      | 37'  | 11" W | 2620   | 16             | INAMHI           | 79                      | 12 | 1                         |    |    |    |
| M793   | GUAPARA #9                     | PV   | 130           |         |      |       |          |      |       |        | 13             | CEDEGE           | 83                      | 3  | 14                        |    |    |    |
| M915   | GUAPULO                        | PG   | 80            | 0°      | 11'  | 40" S | 78°      | 28'  | 30" W | 2700   | 12             | INERHI           | 77                      | 10 | 27                        |    |    |    |
| MA36   | GUARAINAG                      | CP   | 0             | 2°      | 39'  | 28" S | 78°      | 37'  | 51" W | 2600   | 18             | INECEL           | 90                      | 1  | 1                         |    |    |    |
| M226   | GUARANDA                       | CP   | 130           | 1°      | 35'  | 0" S  | 78°      | 58'  | 0" W  | 2608   | 15             | INAMHI           | 29                      | 10 | /                         |    |    |    |
| M014   | GUARANDA-DCP                   | PC   | 130           |         |      |       |          |      |       |        | 15             | INAMHI           | 84                      | 11 | /                         |    |    |    |
| MA39   | GUARUMALES                     | PG   | 2°            | 35'     | 0" S | 78°   | 26'      | 0" W | 1700  |        | INECEL         | 89               | 3                       | 1  |                           |    |    |    |
| M206   | GUARUMALES(PATIO DE MANIOBRAS) | CP   | 280           | 2°      | 34'  | 0" S  | 78°      | 23'  | 55" W | 1645   | 18             | INECEL           | 75                      | 1  | 21                        |    |    |    |
| M133   | GUASLAN                        | CO   | 260           | 1°      | 45'  | 15" S | 78°      | 39'  | 40" W | 2750   | 16             | INAMHI           | 63                      | 9  | 1                         |    |    |    |
| M405   | GUASUNTOS                      | PV   | 130           | 2°      | 13'  | 48" S | 78°      | 48'  | 40" W | 2540   | 16             | INAMHI           | 72                      | 7  | 1                         |    |    |    |
| M739   | GUAYACAN                       | PV   | 200           | 3°      | 46'  | 29" S | 79°      | 43'  | 15" W | 1160   | 24             | PREDESUR         | 72                      | 1  | /                         |    |    |    |
| M056   | GUAYAQUIL AEROPUERTO           | AR   | 130           | 2°      | 9'   | 12" S | 79°      | 53'  | 0" W  | 5      | 23             | D.A.C.           | 15                      | 1  | /                         |    |    |    |
| MA0X   | GUAYAQUIL FAE                  | CO   | 130           | 2°      | 12'  | 0" S  | 79°      | 53'  | 0" W  | 6      | 23             | F.A.E.           |                         |    |                           |    |    |    |
| M075   | GUAYAQUIL INOCAR               | CP   | 130           | 2°      | 16'  | 1" S  | 79°      | 54'  | 3" W  | 4      | 23             | INOCAR           | 78                      | 2  | /                         |    |    |    |
| MA2V   | GUAYAQUIL-RADIO SONDA          | CO   | 0             | 2°      | 12'  | 0" S  | 79°      | 53'  | 0" W  | 6      | 23             | INAMHI           | 91                      | 12 | 15                        |    |    |    |
| M612   | GUAYCUYACU                     | PG   | 80            | 0°      | 8'   | 31" N | 78°      | 49'  | 28" W | 1500   | 12             | INECEL           | 77                      | 10 | 7                         |    |    |    |
| M341   | GUAYLLABAMBA                   | PV   | 80            | 0°      | 3'   | 25" S | 78°      | 20'  | 35" W | 2150   | 12             | INAMHI           | 30                      | 7  | 1                         |    |    |    |
| M365   | GUAYTACAMA                     | PV   | 260           | 0°      | 49'  | 14" S | 78°      | 38'  | 25" W | 3075   | 13             | INAMHI           | 63                      | 5  | 1                         |    |    |    |
| MA38   | HACIENDA ESMERALDA             | PG   | 0             | 2°      | 38'  | 52" S | 78°      | 56'  | 21" W | 3200   |                | INECEL           | 91                      | 5  | 1                         |    |    |    |
| MA53   | HACIENDA TAURA                 | CP   | 0             | 2°      | 22'  | 10" S | 79°      | 39'  | 3" W  | 12     | 23             |                  | 95                      | 4  | 1                         |    |    |    |
| M299   | HCJB ANTENAS                   | CP   | 80            | 0°      | 9'   | 50" S | 78°      | 31'  | 24" W | 3830   | 12             | EMAPQ            | 81                      | 8  | 1                         | 88 | 3  | 20 |
| M654   | HDA.ALEXANDRA(BARRANCO ALTO)   | PV   | 150           |         |      |       |          |      |       |        | 23             | D.N.BANANO       | 65                      | 4  | /                         | 69 | 12 | /  |
| M883   | HDA.BALAO CHICO(BALAO)         | PV   |               |         |      |       |          |      |       |        | 0              | D.N.BANANO       |                         |    |                           |    |    |    |
| M565   | HDA.BALBINA                    | PV   |               |         |      |       |          |      |       |        | 0              |                  |                         |    |                           |    |    |    |
| M636   | HDA.CAFI(KM.29 SDO-QUE)        | PV   | 130           | 0°      | 24'  | 0" S  | 79°      | 20'  | 0" W  |        | 12             | D.N.BANANO       | 63                      | 1  | /                         | 70 | 12 | /  |
| M840   | HDA.CASPI(COLCAS)              | PV   | 260           | 0°      | 42'  | 52" S | 78°      | 34'  | 26" W | 3090   | 13             | INAMHI           | 69                      | 5  | /                         |    |    |    |
| M655   | HDA.CECILIA(KM.72 DURAN-TAMBO) | PV   | 130           |         |      |       |          |      |       |        | 23             | D.N.BANANO       | 65                      | 5  | /                         | 68 | 12 | /  |
| M651   | HDA.CERRITOS(KM.3 P.VIEJO)     | PV   | 130           | 1°      | 31'  | 0" S  | 79°      | 31'  | 0" W  |        | 22             | D.N.BANANO       | 62                      | 1  | /                         | 70 | 12 | /  |
| M965   | HDA.CEVALLOS(PV42)             | PV   | 80            | 0°      | 17'  | 32" S | 78°      | 35'  | 0" W  | 3060   | 12             | EMAPQ            | 81                      | 11 | 25                        |    |    |    |
| MA0K   | HDA.COLE                       | PV   | 80            | 0°      | 27'  | 12" N | 79°      | 22'  | 31" W | 120    | 20             | INAMHI           |                         |    |                           |    |    |    |
| M880   | HDA.CUCHO(PV2)                 | PV   | 80            | 0°      | 5'   | 16" S | 78°      | 31'  | 35" W | 3070   | 12             | EMAPQ            | 82                      | 1  | 19                        |    |    |    |
| M640   | HDA.CHAVICA(LIM.LOS VERGELES)  | PV   | 130           |         |      |       |          |      |       |        | 22             | D.N.BANANO       | 63                      | 5  | /                         | 70 | 12 | /  |
| M286   | HDA.EL CONDE-CUNCHIBAMBA       | CO   | 260           | 1°      | 10'  | 0" S  | 78°      | 43'  | 0" W  | 2680   | 14             | INAMHI           | 31                      | 10 | 31                        |    |    |    |
| M963   | HDA.EL ROSARIO(PV40)-LLOA      | PV   | 80            | 0°      | 16'  | 38" S | 78°      | 36'  | 22" W | 3380   | 12             | EMAPQ            | 31                      | 1  | 13                        |    |    |    |
| M646   | HDA.EL SAUCE(KM.8 MOCACHE)     | PV   | 130           | 1°      | 8'   | 0" S  | 79°      | 28'  | 0" W  |        | 22             | D.N.BANANO       | 63                      | 10 | /                         | 68 | 8  | /  |
| M635   | HDA.EL TINGO(KM.12 SDO-QUI)    | PV   | 80            | 0°      | 11'  | 0" S  | 79°      | 12'  | 0" W  |        | 12             | D.N.BANANO       |                         |    |                           |    |    |    |
| M949   | HDA.GRANDA CENTENO             | PV   | 80            | 0°      | 1'   | 47" S | 78°      | 31'  | 29" W | 3410   | 12             | EMAPQ            | 82                      | 7  | 2                         |    |    |    |
| M574   | HDA.JERUSALEN                  | PV   | 80            | 0°      | 0'   | 11" N | 78°      | 21'  | 2" W  | 2360   | 12             | INAMHI           | 63                      | 3  | /                         |    |    |    |
| M962   | HDA.LA DOLOROSA(PG39D)         | PG   | 80            | 0°      | 16'  | 11" S | 78°      | 35'  | 35" W | 3250   | 12             | EMAPQ            | 81                      | 11 | 19                        |    |    |    |
| M350   | HDA.LA GRANJA-ALOAG            | PV   | 80            | 0°      | 30'  | 35" S | 78°      | 41'  | 12" W | 3100   | 12             | INAMHI           | 63                      | 4  | 3                         |    |    |    |
| MA0H   | HDA.LA HERLINDA                | PV   | 80            | 0°      | 1'   | 34" S | 78°      | 26'  | 57" W | 2420   | 12             | INERHI           |                         |    |                           |    |    |    |
| M893   | HDA.LA JULIA(KM.10-BABAHOYO)   | PV   | 130           | 1°      | 45'  | 0" S  | 79°      | 32'  | 0" W  | 6      | 22             | D.N.BANANO       |                         |    |                           |    |    |    |
| M634   | HDA.LA MACARENA(KM.39 SDO-QUI) | PV   | 80            | 0°      | 3'   | 0" S  | 79°      | 20'  | 0" W  |        | 12             | D.N.BANANO       |                         |    |                           |    |    |    |
| M648   | HDA.LA MARIA(8 KM.DE VINCES)   | PV   | 130           | 1°      | 29'  | 0" S  | 79°      | 44'  | 0" W  |        | 22             | D.N.BANANO       | 62                      | 1  | /                         | 70 | 12 | /  |
| M328   | HDA.LA MARIA-ANEXAS(LETICIA)   | PV   | 20            | 0°      | 22'  | 51" N | 78°      | 15'  | 8" W  | 2600   | 11             | INAMHI           | 71                      | 3  | 12                        |    |    |    |
| M320   | HDA.LA VEGA                    | PV   | 20            | 0°      | 11'  | 14" N | 78°      | 10'  | 44" W | 2700   | 11             | INAMHI           | 65                      | 4  | 21                        | 88 | 3  | 1  |
| M649   | HDA.LA VICTORIA(VENT-ZAPOTAL)  | PV   | 130           | 1°      | 25'  | 0" S  | 79°      | 26'  | 0" W  |        | 22             | D.N.BANANO       | 63                      | 1  | /                         | 70 | 12 | /  |
| M656   | HDA.LEONCIO BARBA(KM.21 TRCAL) | PV   |               |         |      |       |          |      |       |        | 23             | D.N.BANANO       |                         |    |                           |    |    |    |
| M637   | HDA.LOUISIANA(PERIPA)          | PV   | 130           |         |      |       |          |      |       |        | 23             | D.N.BANANO       | 66                      | 5  | /                         | 69 | 12 | /  |
| M644   | HDA.LUZ MARIA(KM.18 QUE-EMP)   | PV   | 130           | 1°      | 6'   | 0" S  | 79°      | 33'  | 0" W  |        | 22             | D.N.BANANO       | 62                      | 1  | /                         | 69 | 11 | /  |
| M913   | HDA.MI CIELO(PV18)             | PV   | 80            | 0°      | 9'   | 57" S | 78°      | 30'  | 35" W | 3220   | 12             | EMAPQ            | 81                      | 12 | 10                        |    |    |    |
| M643   | HDA.MOPA(QUE-ZAPOTAL)          | PV   | 130           |         |      |       |          |      |       |        | 22             | D.N.BANANO       | 63                      | 1  | /                         | 70 | 12 | /  |
| M642   | HDA.NACHITA(KM.31 QUE-MANA)    | PV   | 130           | 0°      | 56'  | 0" S  | 79°      | 17'  | 0" W  |        | 13             | D.N.BANANO       | 63                      | 1  | /                         | 70 | 11 | /  |
| M650   | HDA.NUEVA UNION(CATARAMA)      | PV   | 130           | 1°      | 33'  | 0" S  | 79°      | 28'  | 0" W  |        | 22             | D.N.BANANO       |                         |    |                           |    |    |    |

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INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION             | TIPO | ZONA<br>HIDRO | LATITUD |       |       | LONGITUD |       |       | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION | FECHA DE<br>LEVANTAMIENTO |
|--------|-----------------------------------|------|---------------|---------|-------|-------|----------|-------|-------|--------|----------------|------------------|-------------------------|---------------------------|
|        |                                   |      |               | GG      | MM    | SS    | GG       | MM    | SS    |        |                |                  |                         |                           |
| MA0G   | HDA.OASIS                         | PV   | 80            | 0°      | 0'    | 44" S | 78°      | 26'   | 52" W | 2420   | 12             | INAMHI           |                         |                           |
| M967   | HDA.ORTEGA(PV44)                  | PV   | 80            | 0°      | 18'   | 45" S | 78°      | 33'   | 17" W | 3920   | 12             | EMAPQ            | 81 / 12 / 3             |                           |
| M620   | HDA.PAYO                          | CO   | 150           | 2°      | 15'   | 17" S | 79°      | 33'   | 14" W | 40     | 23             | INAMHI           | 62 / 12 /               | 66 / 8 /                  |
| M658   | HDA.PENSILVANIA(SEC.NORTE)        | PV   | 130           |         |       |       |          |       |       |        | 23             | D.N.BANANO       |                         |                           |
| M628   | HDA.PESILLO                       | PV   | 80            | 0°      | 9'    | 31" N | 78°      | 3'    | 50" W | 3120   | 12             | INAMHI           | 65 / 5 /                |                           |
| M639   | HDA.PILARCITA(KM.22 QUE-SDO)      | PV   | 130           | 0°      | 53'   | 0" S  | 79°      | 30'   | 0" W  |        | 22             | D.N.BANANO       | 63 / 1 /                | 70 / 12 /                 |
| M349   | HDA.PINANTURA(LA COCHA)           | PV   | 80            | 0°      | 25'   | 30" S | 78°      | 21'   | 20" W | 3250   | 12             | INAMHI           | 63 / 4 / 20             | 86 / 0 /                  |
| M638   | HDA.PITITA(KM.43 SDO-QUE)         | PV   | 130           | 0°      | 43'   | 0" S  | 79°      | 30'   | 0" W  |        | 22             | D.N.BANANO       | 62 / 7 /                | 69 / 8 /                  |
| M647   | HDA.PTO.PALENQUE(PALENQUE)        | PV   | 130           | 1°      | 24'   | 0" S  | 79°      | 44'   | 0" W  |        | 22             | D.N.BANANO       | 63 / 1 /                | 70 / 12 /                 |
| M624   | HDA.RASAYACU                      | PV   | 260           |         |       |       |          |       |       |        | 13             |                  |                         |                           |
| MA0V   | HDA.REFUGIO                       | PV   | 260           | 0°      | 37'   | 0" S  | 78°      | 34'   | 0" W  | 2900   | 13             | INAMHI           | 73 / 1 /                | 79 / 5 /                  |
| M653   | HDA.ROCAFUERTE(ROCAFUERTE)        | PV   | 0             |         |       |       |          |       |       |        | 0              | D.N.BANANO       | 65 / 4 /                | 68 / 8 /                  |
| M641   | HDA.SAN EDUARDO(MANGUILITO)       | PV   | 130           |         |       |       |          |       |       |        | 23             | D.N.BANANO       | 63 / 1 /                | 69 / 12 /                 |
| M903   | HDA.SAN HONORATO(BAL-EMP)         | PV   | 130           |         |       |       |          |       |       |        | 23             | D.N.BANANO       |                         |                           |
| M633   | HDA.SAN RAFAEL(KM.49 SDO-QUI)     | PV   | 80            | 0°      | 1'    | 0" N  | 79°      | 23'   | 0" W  |        | 12             | D.N.BANANO       |                         |                           |
| M659   | HDA.STA.CLARA(EL GUABO)           | PV   | 180           |         |       |       |          |       |       |        | 24             |                  |                         |                           |
| M422   | HDA.STA.LUCIA-CAMINO RIRICAY      | PV   | 180           | 3°      | 16'   | 20" S | 79°      | 15'   | 26" W | 1310   | 18             | INAMHI           | 67 / 9 / 1              |                           |
| MA13   | HDA.STA.LUCIA-PALENQUE            | CO   | 130           | 1°      | 22'   | 0" S  | 79°      | 35'   | 0" W  | 6      | 22             | INAMHI           |                         |                           |
| M595   | HDA.STA.MARIA                     | PV   |               |         |       |       |          |       |       |        | 0              |                  |                         |                           |
| M657   | HDA.STA.RITA(BALAO)               | PV   | 130           | 2°      | 55'   | 0" S  | 79°      | 50'   | 0" W  |        | 23             | D.N.BANANO       |                         |                           |
| M626   | HDA.TABUCHE(KM.41 ESM-QUI)        | PV   | 80            | 0°      | 43'   | 2" N  | 79°      | 32'   | 50" W | 40     | 20             | D.N.BANANO       | 65 / 7 / 27             |                           |
| MA09   | HDA.TATIANA                       | PV   | 80            | 0°      | 13'   | 39" N | 79°      | 24'   | 36" W | 270    | 20             | INAMHI           |                         |                           |
| M632   | HDA.TIMBRE(KM.22 ESM-QUI)         | PV   | 80            | 0°      | 49'   | 3" N  | 79°      | 36'   | 32" W | 20     | 20             | D.N.BANANO       |                         |                           |
| M652   | HDA.ZOILITA(KM.6 DE MILAGRO)      | PV   | 130           |         |       |       |          |       |       |        | 23             |                  |                         |                           |
| M687   | HONDO HUAYCO                      | PG   | 160           | 2°      | 29'   | 19" S | 78°      | 59'   | 16" W | 2750   | 17             | INECEL           | 79 / 4 / 21             | 87 / /                    |
| M615   | HONORATO VASQUEZ-POZA HONDA       | PV   | 110           | 1°      | 6'    | 0" S  | 80°      | 14'   | 0" W  | 200    | 21             | INAMHI           | 63 / 1 /                | 67 / 3 /                  |
| MA0C   | HOSPITAL                          | PV   | 80            | 0°      | 1'    | 3" N  | 78°      | 20'   | 55" W |        | 12             | INERHI           |                         |                           |
| MA00   | HUALPITE(GUAMOTE)                 | AN   | 260           |         |       |       |          |       |       |        | 16             | M.A.G            |                         |                           |
| M568   | HUALTACO                          | PV   | 190           | 3°      | 26'   | 50" S | 80°      | 13'   | 27" W | 10     | 24             | INAMHI           |                         | 74 / 1 / 15               |
| M380   | HUAMBALO                          | PV   | 260           | 1°      | 23'   | 14" S | 78°      | 31'   | 39" W | 2880   | 14             | INAMHI           | 64 / 7 / 1              |                           |
| M671   | HUANGRA                           | PG   | 280           | 2°      | 33'   | 5" S  | 78°      | 36'   | 30" W | 2680   | 17             | INECEL           | 78 / 10 / 5             |                           |
| M887   | HUAYRAPUNGO                       | AN   | 260           | 0°      | 54'   | 0" S  | 78°      | 48'   | 0" W  | 3900   | 13             | INECEL           | 82 / 5 / 6              | 82 / 9 /                  |
| M679   | HUAYSIMI                          | PG   | 280           | 4°      | 1'    | 0" S  | 78°      | 40'   | 0" W  | 950    | 33             | INECEL           | 74 / 10 / 10            |                           |
| M740   | HUERTAS                           | PV   | 200           | 3°      | 36'   | 6" S  | 79°      | 37'   | 47" W | 1350   | 24             | PREDESUR         | 71 / 2 / 18             |                           |
| M392   | HUIGRA                            | PG   | 130           | 2°      | 17'   | 18" S | 78°      | 58'   | 50" W | 1255   | 16             | INAMHI           | 66 / 8 / 17             | 87 / 8 / 12               |
| M828   | HUINO                             | PV   | 240           | 0°      | 38'   | 0" S  | 77°      | 7'    | 0" W  | 200    | 30             | INAMHI           | 71 / 9 / 20             |                           |
| MA1U   | HUINZA(SAN CARLOS-COTOPAXI)       | CO   | 260           | 0°      | 41'   | 0" S  | 78°      | 42'   | 0" W  | 3350   | 13             | INAMHI           | 87 / 12 / 1             |                           |
| M053   | IBARRA AEROPUERTO                 | AR   | 20            | 0°      | 20'   | 0" N  | 78°      | 6'    | 0" W  | 2214   | 11             | F.A.E.           | 29 / 7 /                |                           |
| M995   | ILALO(COM.CHUSPIACU)              | PG   | 80            |         |       |       |          |       |       | 2600   | 12             | M.A.G            | 81 / 12 / 1             |                           |
| M530   | ILLUCHI-PLANTA ELECT.             | PV   | 260           | 0°      | 55'   | 5" S  | 78°      | 31'   | 53" W | 3300   | 13             | INERHI           | 72 / 2 /                |                           |
| M093   | INES MARIA                        | CP   | 130           | 2°      | 4'    | 0" S  | 79°      | 19'   | 0" W  |        | 23             | INERHI           | 83 / 11 /               | 83 / 12 /                 |
| M222   | INGAPATA                          | CP   | 280           | 2°      | 36'   | 45" S | 78°      | 36'   | 57" W | 2360   | 18             | INECEL           | 82 / 7 / 12             |                           |
| M411   | INGAPIRCA                         | PG   | 160           | 2°      | 32'   | 21" S | 78°      | 52'   | 29" W | 3100   | 17             | INAMHI           | 63 / 10 / 10            |                           |
| MA2U   | INGENIO AZTRA (LA TRONCAL)        | CP   | 2°            | 22'     | 27" S | 79°   | 22'      | 27" W | 50    | 17     | INAMHI         |                  |                         |                           |
| M218   | INGENIO SAN CARLOS                | CP   | 130           | 2°      | 12'   | 0" S  | 79°      | 26'   | 35" W | 35     | 23             | INAMHI           | 66 / 1 /                |                           |
| M001   | INGUINCHO                         | CO   | 20            | 0°      | 15'   | 37" N | 78°      | 24'   | 10" W | 3185   | 11             | INAMHI           | 76 / 10 / 8             |                           |
| M330   | INGUINCHO # 1                     | PV   | 20            | 0°      | 15'   | 27" N | 78°      | 24'   | 16" W | 3260   | 11             | INAMHI           |                         |                           |
| M872   | INGUINCHO # 2                     | PV   | 20            | 0°      | 15'   | 23" N | 78°      | 24'   | 31" W | 3300   | 11             | INAMHI           |                         |                           |
| M873   | INGUINCHO # 3                     | PV   | 20            | 0°      | 15'   | 22" N | 78°      | 24'   | 40" W | 3400   | 11             | INAMHI           |                         |                           |
| M874   | INGUINCHO # 4                     | PV   | 20            | 0°      | 14'   | 34" N | 78°      | 24'   | 17" W | 3200   | 11             | INAMHI           |                         |                           |
| M331   | INGUINCHO # 5                     | PV   | 20            | 0°      | 15'   | 34" N | 78°      | 24'   | 27" W | 3270   | 11             | INAMHI           |                         |                           |
| M875   | INGUINCHO # 6                     | PV   | 20            | 0°      | 15'   | 37" N | 78°      | 24'   | 37" W | 3400   | 11             | INAMHI           |                         | 82 / 10 / 16              |
| M332   | INGUINCHO # 7                     | PV   | 20            | 0°      | 15'   | 42" N | 78°      | 24'   | 14" W | 3200   | 11             | INAMHI           |                         |                           |
| M333   | INGUINCHO # 8                     | PV   | 20            | 0°      | 15'   | 50" N | 78°      | 24'   | 36" W | 3300   | 11             | INAMHI           |                         |                           |
| M334   | INGUINCHO # 9                     | PV   | 20            | 0°      | 15'   | 54" N | 78°      | 24'   | 35" W | 3410   | 11             | INAMHI           |                         |                           |
| M876   | INGUINCHO A                       | PV   | 20            |         |       |       |          |       |       |        | 11             | INAMHI           |                         |                           |
| M877   | INGUINCHO B                       | PV   | 20            |         |       |       |          |       |       |        | 11             | INAMHI           |                         |                           |
| M878   | INGUINCHO C                       | PV   | 20            |         |       |       |          |       |       |        | 11             | INAMHI           |                         |                           |
| M329   | INGUINCHO GRANDE                  | PV   | 20            | 0°      | 15'   | 27" N | 78°      | 24'   | 5" W  | 3180   | 11             | INAMHI           | 65 / 8 / 5              |                           |
| M118   | INIAP-SUPLEMENTARIA PORCINOS      | CO   | 80            |         |       |       |          |       |       |        | 12             | INAMHI           |                         |                           |
| M283   | INMORIEC-EL VERGEL                | CP   | 130           | 0°      | 48'   | 6" S  | 79°      | 21'   | 18" W | 155    | 22             | INAMHI           | 85 / 9 / 13             |                           |
| MA56   | INST. AGROPECUARIO SUPERIOR ANDIN | CO   | 0°            | 23'     | 19" S | 78°   | 24'      | 43" W | 2748  | 12     |                | 96 / 10 / 1      |                         |                           |
| MA47   | INSTITUTO TECNICO 3 DE MARZO      | CO   |               |         |       |       |          |       |       |        | 15             | INAMHI           | 86 / 1 / 1              |                           |
| M036   | ISABEL MARIA                      | CP   | 130           | 1°      | 49'   | 41" S | 79°      | 33'   | 49" W | 4      | 22             | INAMHI           | 30 / 1 /                |                           |
| M259   | ISIDRO AYORA                      | CO   | 130           | 1°      | 52'   | 44" S | 80°      | 8'    | 33" W | 48     | 23             | INAMHI           | 65 / 1 /                |                           |
| MA52   | ISLA BALTRA-INOCAR                | CO   | 320           | 0°      | 28'   | 0" S  | 90°      | 15'   | 0" W  |        | 40             | INOCAR           | 86 / 1 / 1              |                           |
| M271   | ISLA DE BEJUCAL                   | CO   | 130           |         |       |       |          |       |       |        | 22             | CEDEGE           | 82 / 12 / 15            |                           |
| MA0U   | ISLA SILVA                        | CO   | 130           | 1°      | 54'   | 0" S  | 79°      | 40'   | 0" W  | 5      | 23             | INAMHI           | 30 / 7 /                |                           |
| M003   | IZOBAMBA                          | AP   | 80            | 0°      | 21'   | 45" S | 78°      | 33'   | 11" W | 3058   | 12             | INAMHI           | 62 / 2 / 1              |                           |
| M018   | IZOBAMBA-DCP                      | PC   | 80            |         |       |       |          |       |       |        | 12             | INAMHI           |                         |                           |
| MA33   | JABONCILLO (CEDEGE)               | PV   |               |         |       |       |          |       |       |        | 23             | CEDEGE           |                         |                           |
| M197   | JACARIN                           | CO   | 280           | 2°      | 49'   | 16" S | 78°      | 56'   | 0" W  | 2700   | 17             | INECEL           | 74 / 5 / 11             |                           |
| MA46   | JADAN PARCELA                     | PG   | 2°            | 52'     | 20" S | 78°   | 52'      | 46" W | 2450  |        |                | 89 / 3 / 1       |                         |                           |
| MA03   | JAGUA EN HDA.EL MIRADOR           | PV   | 170           |         |       |       |          |       |       |        | 23             | INERHI           |                         |                           |
| M167   | JAMA                              | CP   | 90            | 0°      | 11'   | 58" S | 80°      | 15'   | 47" W | 5      | 21             | INAMHI           | 63 / 1 /                |                           |
| M456   | JAMA AJ MARIANO                   | PV   | 90            | 0°      | 13'   | 50" S | 80°      | 14'   | 52" W | 20     | 21             | INAMHI           | 67 / 8 / 1              |                           |
| M856   | JAMA EN VENADO-SAN ROQUE          | PV   | 90            | 0°      | 20'   | 0" S  | 80°      | 11'   | 0" W  |        | 21             | INAMHI           | 67 / 8 / 22             |                           |
| M202   | JATUNYACU                         | CO   | 240           | 1°      | 6'    | 2" S  | 77°      | 55'   | 2" W  | 550    | 30             | INECEL           | 79 / 9 / 27             |                           |
| M888   | JIMBILLA                          | PV   |               |         |       |       |          |       |       |        | 0              | INECEL           |                         |                           |
| MA21   | JIMBILLA                          | PV   |               | 3°      | 53'   | 0" S  | 79°      | 12'   | 0" W  | 2050   | 19             | INECEL           | 84 / 11 / 2             |                           |
| M438   | JIMBURA                           | PV   | 210           | 4°      | 37'   | 38" S | 79°      | 27'   | 50" W | 2094   | 19             | INAMHI           | 75 / 10 / 5             |                           |
| M042   | JIPUJAPA                          | CO   | 120           | 1°      | 20'   | 0" S  | 80°      | 34'   | 0" W  | 280    | 21             | J.R.H.           | 81 / 7 /                |                           |

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## INVENTARIO DE ESTACIONES METEOROLÓGICAS

| CODIGO | NOMBRE DE LA ESTACION          | TIPO | ZONA<br>HIDRO | LATITUD      |               |      | LONGITUD |            |    | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |    |    | FECHA DE<br>LEVANTAMIENTO |    |    |
|--------|--------------------------------|------|---------------|--------------|---------------|------|----------|------------|----|--------|----------------|------------------|-------------------------|----|----|---------------------------|----|----|
|        |                                |      |               | GG           | MM            | SS   | GG       | MM         | SS |        |                |                  | AA                      | MM | DD | AA                        | MM | DD |
| M455   | JOA-JIPIJAPA                   | PV   | 120           | 1° 22' 15" S | 80° 37' 49" W | 195  | 21       | INAMHI     |    |        |                | 70 / 5 / 10      |                         |    |    |                           |    |    |
| M489   | JONDACHI                       | PV   | 240           | 0° 44' 21" S | 77° 51' 9" W  | 1230 | 30       | INAMHI     |    |        |                | 71 / 1 / 15      | 85 / 6 / 28             |    |    |                           |    |    |
| M860   | JOSEFINA                       | PV   | 130           | 2° 13' 0" S  | 79° 25' 0" W  |      | 23       | I.S.CARLOS |    |        |                |                  |                         |    |    |                           |    |    |
| M169   | JULCUY                         | CO   | 130           | 1° 28' 1" S  | 80° 37' 14" W | 240  | 21       | INAMHI     |    |        |                | 70 / 5 / 1       |                         |    |    |                           |    |    |
| M305   | JULIO ANDRADE                  | PV   | 20            | 0° 40' 21" N | 77° 43' 25" W | 2790 | 10       | INAMHI     |    |        |                | 64 / 6 / 17      |                         |    |    |                           |    |    |
| MA35   | JULIO MORENO (CEDEGE)          | PV   | 0             | 2° 20' 18" S | #             |      | 23       | CEDEGE     |    |        |                |                  |                         |    |    |                           |    |    |
| M472   | JULIO MORENO(SIMON BOLIVAR)    | PV   | 140           | 2° 10' 44" S | 80° 21' 26" W | 130  | 23       | INAMHI     |    |        |                | 64 / 11 / 24     |                         |    |    |                           |    |    |
| M462   | JUNIN                          | PV   | 100           | 0° 55' 21" S | 80° 12' 8" W  | 70   | 21       | INAMHI     |    |        |                | 72 / 9 / 1       |                         |    |    |                           |    |    |
| MB61   | KM 113 - V.F. RIO SILANCHI     | PG   | 80            | 0° 5' 52" N  | 79° 1' 34" W  | 660  | 12       | HCCP       |    |        |                | 97 / 7 / 1       |                         |    |    |                           |    |    |
| M494   | KM.20 VIA PUYO-ARAJUNO         | PV   | 240           | 1° 28' 0" S  | 77° 50' 0" W  | 900  | 31       | INAMHI     |    |        |                | 78 / 9 / 28      | 85 / 6 / 25             |    |    |                           |    |    |
| MA0P   | KM.21 BAHIA-CHONE              | PV   | 100           | 0° 41' 45" S | 80° 18' 54" W | 5    | 21       | CRM        |    |        |                |                  |                         |    |    |                           |    |    |
| M662   | KM.24 GUASLAN                  | PV   | 260           |              |               |      | 16       | CRM        |    |        |                |                  |                         |    |    |                           |    |    |
| M817   | KM.28 GUAYAQUIL-SALINAS        | PV   | 140           | 2° 14' 0" S  | 80° 3' 0" W   |      | 23       | INERHI     |    |        |                | 66 / 3 /         |                         |    |    |                           |    |    |
| M826   | KM.44 PUYO-NAPO                | PV   | 240           | 1° 13' 0" S  | 77° 51' 0" W  | 680  | 30       | INAMHI     |    |        |                | 66 / 2 / 8       |                         |    |    |                           |    |    |
| MA0A   | KM.54 ERCO                     | PV   | 80            | 0° 5' 23" N  | 79° 23' 39" W | 280  | 12       | INAMHI     |    |        |                |                  |                         |    |    |                           |    |    |
| M978   | LA ALAMBRADA(PV2)              | PG   | 130           | 1° 41' 54" S | 80° 32' 56" W | 580  | 21       | CRM        |    |        |                | 80 / 3 / 19      |                         |    |    |                           |    |    |
| M033   | LA ARGELIA-LOJA                | AP   | 280           | 4° 2' 11" S  | 79° 12' 4" W  | 2160 | 19       | INAMHI     |    |        |                | 63 / 6 /         |                         |    |    |                           |    |    |
| MA2I   | LA AZUCENA                     | PV   | 0             | 1° 4' 0" S   | 79° 59' 0" W  |      | 21       | CRM        |    |        |                | 87 / 3 / 1       |                         |    |    |                           |    |    |
| M516   | LA BOCA                        | PV   | 120           |              |               |      | 21       | INAMHI     |    |        |                |                  |                         |    |    |                           |    |    |
| M698   | LA BONITA                      | PG   | 230           | 0° 10' 0" N  | 77° 30' 0" W  | 1900 | 30       | INECEL     |    |        |                | 80 / 4 / 24      |                         |    |    |                           |    |    |
| M819   | LA CANDELARIA                  | PV   | 150           | 2° 18' 0" S  | 79° 25' 0" W  | 50   | 23       | I.S.CARLOS |    |        |                | 69 / 8 / 11      |                         |    |    |                           |    |    |
| M250   | LA CAPILLA CEDEGE              | CP   | 130           |              |               |      | 23       | CEDEGE     |    |        |                | 81 / 7 / 17      |                         |    |    |                           |    |    |
| M476   | LA CAPILLA INAMHI              | PV   | 130           | 1° 41' 46" S | 79° 59' 45" W | 7    | 23       | INAMHI     |    |        |                | 67 / 9 / 3       |                         |    |    |                           |    |    |
| MB63   | LA CELICA                      | PG   | 80            | 0° 9' 52" N  | 79° 4' 10" W  | 500  | 12       | HCCP       |    |        |                | 97 / 7 / 1       |                         |    |    |                           |    |    |
| MA2A   | LA COLOMBIA (AYAMPE)           | PV   | 1             | 1° 40' 0" S  | 80° 40' 0" W  |      | 21       | CRM        |    |        |                | 78 / 11 /        |                         |    |    |                           |    |    |
| M025   | LA CONCORDIA                   | CP   | 80            | 0° 1' 36" N  | 79° 22' 17" W | 360  | 12       | INAMHI     |    |        |                | 65 / 2 / 1       |                         |    |    |                           |    |    |
| M012   | LA CUCA                        | AP   | 190           | 3° 29' 32" S | 80° 3' 25" W  | 53   | 24       | PREDESUR   |    |        |                | 78 / 10 /        |                         |    |    |                           |    |    |
| MA0Z   | LA CHIQUITA-ESMERALDAS         | CO   | 10            | 1° 15' 0" N  | 78° 45' 0" W  | 15   | 20       |            |    |        |                | 78 / 6 /         |                         |    |    |                           |    |    |
| M335   | LA CHORRERA                    | PG   | 80            | 0° 18' 6" S  | 78° 32' 6" W  | 3165 | 12       | INAMHI     |    |        |                | 77 / 3 /         |                         |    |    |                           |    |    |
| MB58   | LA DELICIA-HCCP                | PG   | 80            | 0° 8' 45" N  | 78° 57' 50" W | 1480 | 12       | HCCP       |    |        |                | 97 / 7 / 1       |                         |    |    |                           |    |    |
| MA63   | LA ESMERALDA (BURGAY CABECERA) | PG   | 280           | 2° 38' 1" S  | 78° 56' 14" W |      | 17       |            |    |        |                | 97 / 2 / 21      |                         |    |    |                           |    |    |
| MA2W   | LA ESPERANZA (PREDESUR)        | PV   | 200           | 3° 34' 30" S | 79° 36' 30" W | 1600 | 24       | PREDESUR   |    |        |                | 87 / 9 / 1       |                         |    |    |                           |    |    |
| MA2F   | LA FLORIDA                     | PV   |               |              |               |      | 23       | CEDEGE     |    |        |                |                  |                         |    |    |                           |    |    |
| M790   | LA FLORIDA #6                  | PV   | 130           |              |               |      | 12       | CEDEGE     |    |        |                | 83 / 12 / 20     |                         |    |    |                           |    |    |
| M268   | LA FRICIA                      | CO   | 260           | 1° 3' 26" S  | 78° 35' 59" W | 2600 | 13       | INERHI     |    |        |                | 72 / 3 /         |                         |    |    |                           |    |    |
| M094   | LA GRANJA-RIOBAMBA             | CO   | 260           | 1° 40' 30" S | 78° 39' 5" W  | 2748 | 16       | INERHI     |    |        |                | 66 / 10 /        |                         |    |    |                           |    |    |
| M982   | LA ITALIA(PV6)                 | PV   | 130           | 1° 36' 44" S | 80° 30' 26" W | 420  | 21       | CRM        |    |        |                | 80 / 3 / 23      |                         |    |    |                           |    |    |
| MA2D   | LA JAGUA                       | PV   | 110           | 0° 54' 20" S | 80° 28' 25" W | 30   | 21       | INERHI     |    |        |                |                  |                         |    |    |                           |    |    |
| M448   | LA LAGUNA                      | PV   | 110           | 1° 8' 52" S  | 80° 37' 23" W | 200  | 21       | INAMHI     |    |        |                | 63 / 3 / 31      |                         |    |    |                           |    |    |
| M272   | LA LETRA                       | CO   | 130           |              |               |      | 23       | CEDEGE     |    |        |                | 84 / 3 / 1       |                         |    |    |                           |    |    |
| M816   | LA LIBERTAD                    | PV   | 140           | 2° 14' 0" S  | 80° 56' 0" W  | 5    | 23       | INAMHI     |    |        |                | 33 / 2 / 1       | 66 / 1 /                |    |    |                           |    |    |
| M964   | LA LIBERTAD TR(PT41D)          | PV   | 80            | 0° 17' 5" S  | 78° 34' 16" W | 2945 | 12       | EMAPQ      |    |        |                | 81 / 11 / 11     |                         |    |    |                           |    |    |
| MA50   | LA LIBERTAD-INOCAR             | CO   | 140           | 2° 14' 0" S  | 80° 56' 0" W  | 5    | 23       | INOCAR     |    |        |                | 86 / 1 / 1       |                         |    |    |                           |    |    |
| M983   | LA LOMA(PV5)                   | PG   | 130           | 1° 36' 41" S | 80° 31' 4" W  | 410  | 21       |            |    |        |                | 80 / 3 / 23      |                         |    |    |                           |    |    |
| M918   | LA MAGDALENA                   | PG   | 80            | 0° 14' 12" S | 78° 31' 15" W | 3000 | 12       | INERHI     |    |        |                | 77 / 11 / 7      |                         |    |    |                           |    |    |
| M891   | LA MARINA #15                  | PV   | 130           |              |               |      | 23       | CEDEGE     |    |        |                | 84 / 2 / 8       |                         |    |    |                           |    |    |
| M561   | LA MERCED DE CARABURO          | CO   | 80            | 0° 9' 0" S   | 78° 19' 0" W  | 2570 | 12       | INAMHI     |    |        |                | 77 / 1 /         |                         |    |    |                           |    |    |
| M594   | LA MICA                        | PV   | 80            | 0° 13' 0" S  | 78° 13' 0" W  | 4100 | 12       | E.E.Q      |    |        |                | 64 / 11 / 10     | 66 / 11 / 4             |    |    |                           |    |    |
| M159   | LA NARANJA                     | CP   | 130           | 1° 24' 7" S  | 80° 28' 5" W  | 520  | 21       | INAMHI     |    |        |                | 62 / 7 / 1       | 85 / 7 / 25             |    |    |                           |    |    |
| MA07   | LA PALMA                       | PV   | 80            | 0° 57' 0" N  | 79° 37' 0" W  |      | 20       | INAMHI     |    |        |                |                  |                         |    |    |                           |    |    |
| MA2R   | LA PAZ                         | PV   |               |              |               |      | 33       | INECEL     |    |        |                |                  |                         |    |    |                           |    |    |
| M213   | LA PERLA                       | CP   | 80            | 0° 11' 34" N | 78° 40' 10" W | 1410 | 12       | INECEL     |    |        |                | 76 / 9 / 4       |                         |    |    |                           |    |    |
| MB48   | LA PERLA                       | CO   | 80            | 0° 11' 45" N | 78° 40' 28" W | 1320 | 12       | HCCP       |    |        |                | 97 / 8 / 1       |                         |    |    |                           |    |    |
| M509   | LA PLAYA-ISLA FLOREANA         | PV   | 320           | 1° 16' 0" S  | 90° 29' 0" W  | 4    | 40       | INAMHI     |    |        |                | 64 / 1 /         |                         |    |    |                           |    |    |
| M976   | LA POZA(PV17)                  | PG   | 130           | 1° 40' 57" S | 80° 30' 3" W  | 300  | 21       | CRM        |    |        |                | 80 / 8 / 12      |                         |    |    |                           |    |    |
| MA0L   | LA PROPICIA                    | CO   | 80            | 0° 55' 30" N | 79° 40' 47" W | 60   | 20       | INAMHI     |    |        |                | 63 / 11 / 8      | 83 / 10 /               |    |    |                           |    |    |
| M231   | LA PUNTILLA-PANCHO NEGRO       | CP   | 150           | 2° 26' 43" S | 79° 17' 9" W  | 68   | 17       | INERHI     |    |        |                | 62 / 4 /         |                         |    |    |                           |    |    |
| M974   | LA QUINTA(PV15)                | PV   | 130           | 1° 38' 45" S | 80° 30' 38" W | 150  | 21       | CRM        |    |        |                | 80 / 3 / 26      |                         |    |    |                           |    |    |
| MB53   | LA REFORMA                     | CO   | 130           | 0° 26' 56" S | 79° 10' 45" W | 740  | 12       | HCCP       |    |        |                | 97 / 8 / 1       |                         |    |    |                           |    |    |
| MA17   | LA RINCONADA-EL COLORADO       | PV   | 260           |              |               |      | 13       | INERHI     |    |        |                |                  |                         |    |    |                           |    |    |
| MA2P   | LA SIERRILLA                   | PV   |               |              |               |      | 23       | CEDEGE     |    |        |                |                  |                         |    |    |                           |    |    |
| M508   | LA SOLEDAD-ISLA SAN CRISTOBAL  | PV   | 320           | 0° 52' 0" S  | 89° 33' 0" W  | 300  | 40       | INAMHI     |    |        |                | 64 / 1 / 1       |                         |    |    |                           |    |    |
| MB69   | LA TERCERA                     | PV   | 80            | 0° 18' 52" N | 79° 27' 0" W  | 140  | 12       | HCCP       |    |        |                | 97 / 6 / 1       |                         |    |    |                           |    |    |
| M002   | LA TOLA                        | AP   | 80            | 0° 13' 46" S | 78° 22' 0" W  | 2480 | 12       | INAMHI     |    |        |                | 80 / 2 / 16      |                         |    |    |                           |    |    |
| M178   | LA TOMA EMAP-GUAYAS            | CO   | 130           | 1° 59' 0" S  | 79° 59' 0" W  | 28   | 23       | INAMHI     |    |        |                | 77 / 12 /        |                         |    |    |                           |    |    |
| M060   | LA TOMA-CATAMAYO               | AR   | 210           | 3° 59' 34" S | 79° 22' 15" W | 1230 | 19       | F.A.E.     |    |        |                | 63 / /           |                         |    |    |                           |    |    |
| M009   | LA VICTORIA INERHI             | AP   | 80            | 0° 2' 54" S  | 78° 20' 11" W | 2200 | 12       | INERHI     |    |        |                | 79 / 4 /         |                         |    |    |                           |    |    |
| M742   | LA VICTORIA PREDESUR           | PV   | 200           | 3° 47' 7" S  | 80° 3' 52" W  | 410  | 24       | PREDESUR   |    |        |                | 81 / 2 /         |                         |    |    |                           |    |    |
| M211   | LA VINNA DE CHESPI             | CP   | 80            | 0° 7' 0" N   | 78° 32' 0" W  | 1490 | 12       | INECEL     |    |        |                | 78 / 4 / 9       |                         |    |    |                           |    |    |
| M846   | LABRARRUMI                     | PV   | 160           | 2° 25' 29" S | 78° 52' 6" W  | 3910 | 17       | CREA       |    |        |                | 76 / 6 / 5       |                         |    |    |                           |    |    |
| M061   | LAGO AGRIO AEROPUERTO          | AR   | 220           | 0° 6' 0" N   | 76° 53' 0" W  | 297  | 34       | D.A.C.     |    |        |                |                  |                         |    |    |                           |    |    |
| MA37   | LAGUACOTO                      | CO   |               |              |               |      | 15       | INAMHI     |    |        |                | 93 / 8 / 23      |                         |    |    |                           |    |    |
| M849   | LAGUNA PATOQUINA-ALIMENTACION  | PV   | 280           | 2° 46' 46" S | 79° 12' 35" W |      | 18       | CREA       |    |        |                | 76 / 6 / 18      |                         |    |    |                           |    |    |
| M852   | LAGUNA PATOQUINA-SALIDA        | PV   | 280           | 2° 46' 42" S | 79° 12' 25" W |      | 18       | CREA       |    |        |                | 76 / 6 / 18      |                         |    |    |                           |    |    |
| M851   | LAGUNA TOREADOR-ALIMENTACION   | PV   | 280           | 2° 46' 6" S  | 79° 13' 18" W |      | 18       | CREA       |    |        |                | 76 / 6 / 19      |                         |    |    |                           |    |    |
| M850   | LAGUNA TOREADOR-SALIDA         | PV   | 280           | 2° 46' 8" S  | 79° 13' 6" W  |      | 18       | CREA       |    |        |                | 76 / 6 / 19      |                         |    |    |                           |    |    |
| M696   | LANGOA Y MULATOS               | PG   | 240           | 1° 56' 3" S  | 78° 11' 5" W  | 2540 | 13       | INECEL     |    |        |                | 79 / 10 / 2      |                         |    |    |                           |    |    |
| MA2G   | LANGOA-ANA TENORIO             | PV   |               |              |               | 2550 | 30       | INECEL     |    |        |                |                  |                         |    |    |                           |    |    |
| M240   | LAS COCHAS                     | CO   | 210           | 4° 3' 0" S   | 79° 33' 20" W | 1350 | 19       | PREDESUR   |    |        |                | 81 / 9 /         |                         |    |    |                           |    |    |
| MA0N   | LAS CHILCAS                    | PV   | 190           | 3° 37' 26" S | 79° 52' 5" W  | 320  | 24       | INAMHI     |    |        |                |                  |                         |    |    |                           |    |    |
| M853   | LAS CHINCHAS                   | PV   | 210           | 3° 57' 42" S | 79° 28' 33" W | 2400 | 19       | INAMHI     |    |        |                | 75 / 10 / 10     |                         |    |    |                           |    |    |
| M990   | LAS DELICIAS CRM               | PV   | 130           | 1° 44' 11" S | 80° 33' 3" W  | 570  | 21       | CRM        |    |        |                | 80 / 10 / 1      |                         |    |    |                           |    |    |

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INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION       | TIPO | ZONA<br>HIDRO | LATITUD |     |       | LONGITUD |     |       | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |    | FECHA DE<br>LEVANTAMIENTO |    |    |     |
|--------|-----------------------------|------|---------------|---------|-----|-------|----------|-----|-------|--------|----------------|------------------|-------------------------|----|---------------------------|----|----|-----|
|        |                             |      |               | GG      | MM  | SS    | GG       | MM  | SS    |        |                |                  | AA                      | MM | DD                        | AA | MM | DD  |
| M801   | LAS DELICIAS-MANABI         | PV   | 110           | 1°      | 1'  | 0" S  | 80°      | 4'  | 13" W | 400    | 21             | INAMHI           | 70                      | 10 | 12                        |    |    |     |
| M351   | LAS DELICIAS-PICHINCHA      | PV   | 80            | 0°      | 15' | 27" S | 79°      | 24' | 11" W | 340    | 12             | INAMHI           | 64                      | 3  | 12                        |    |    |     |
| M985   | LAS GUABAS(PV3)             | PV   | 130           | 1°      | 37' | 43" S | 80°      | 30' | 34" W | 360    | 21             | CRM              | 80                      | 3  | 24                        |    |    |     |
| M984   | LAS GUABAS(PV4)             | PV   | 130           | 1°      | 37' | 15" S | 80°      | 30' | 55" W | 400    | 21             | CRM              | 80                      | 3  | 24                        |    |    |     |
| M802   | LAS GUARDIAS                | PV   | 130           | 1°      | 51' | 16" S | 79°      | 9'  | 44" W | 2325   | 15             | INAMHI           | 69                      | 7  | 20                        | 70 | 2  | /   |
| M535   | LAS HERRERIAS               | PV   | 130           | 1°      | 36' | 21" S | 78°      | 56' | 29" W | 3650   | 15             | INAMHI           | 63                      | 9  | 26                        |    |    |     |
| M584   | LAS JUNTAS PUCALA           | PV   | 280           | 3°      | 53' | 13" S | 79°      | 12' | 54" W | 2050   | 19             | INECEL           | 79                      | 11 | 11                        | 84 | 10 | /   |
| M630   | LAS JUNTAS-PISAYAMBO        | PV   | 260           | 1°      | 5'  | 0" S  | 78°      | 25' | 0" W  | 3480   | 14             | INAMHI           | 65                      | 11 | 19                        |    |    |     |
| M741   | LAS LAJAS                   | PV   | 200           | 3°      | 46' | 17" S | 80°      | 1'  | 15" W | 430    | 24             | PREDESUR         | 81                      | 2  | /                         |    |    |     |
| M811   | LAS MERCEDES                | PV   | 110           | 1°      | 6'  | 0" S  | 80°      | 7'  | 0" W  | 200    | 21             | INAMHI           | 69                      | 1  | /                         |    |    |     |
| MA57   | LAS MONJAS                  | PV   |               |         |     |       |          |     |       |        | 23             | CEDEGE           | 96                      | 10 | 2                         |    |    |     |
| M794   | LAS NAVES                   | PG   | 130           |         |     |       |          |     |       |        | 15             | CEDEGE           | 83                      | 12 | 22                        |    |    |     |
| M362   | LAS PAMPAS                  | PG   | 80            | 0°      | 25' | 52" S | 78°      | 56' | 0" W  | 1640   | 13             | INAMHI           | 65                      | /  | /                         |    |    |     |
| MB56   | LAS VILLEGAS                | CO   | 80            | 0°      | 4'  | 18" S | 79°      | 26' | 30" W | 240    | 12             | HCCP             | 96                      | 12 | 15                        |    |    |     |
| MA2Q   | LASCANO                     | PV   |               |         |     |       |          |     |       |        | 23             | CEDEGE           |                         |    |                           |    |    |     |
| MA01   | LASSO-H.LA AVELINA          | CO   | 260           | 0°      | 47' | 0" S  | 78°      | 37' | 0" W  | 2950   | 13             | INAMHI           |                         |    |                           |    |    |     |
| M064   | LATACUNGA AEROPUERTO        | AR   | 260           | 0°      | 54' | 48" S | 78°      | 36' | 56" W | 2785   | 13             | F.A.E.           | 34                      | 4  | 1                         |    |    |     |
| M760   | LAURO GUERRERO              | PV   | 210           | 3°      | 58' | 5" S  | 79°      | 45' | 31" W | 1910   | 19             | PREDESUR         | 72                      | 1  | /                         |    |    |     |
| M407   | LICTO                       | PV   | 260           | 1°      | 48' | 20" S | 78°      | 36' | 0" W  | 2840   | 16             | INAMHI           | 75                      | 12 | 2                         |    |    |     |
| MA12   | LIDIA                       | PV   | 130           |         |     |       |          |     |       |        | 23             | I.S.CARLOS       | 58                      | 1  | /                         | 75 | 12 | /   |
| MA1H   | LIMACHE                     | PV   | 260           | 0°      | 49' | 0" S  | 78°      | 36' | 0" W  | 2900   | 13             | INAMHI           |                         |    |                           |    |    |     |
| M775   | LIMONCITO                   | PG   | 140           |         |     |       |          |     |       |        | 23             | CEDEGE           | 73                      | 12 | 8                         |    |    |     |
| M020   | LIMONCOCHA                  | CO   | 240           | 0°      | 24' | 0" S  | 76°      | 37' | 0" W  | 310    | 30             | INAMHI           |                         |    |                           |    |    |     |
| M608   | LIMONES                     | PV   | 10            |         |     |       |          |     |       |        | 20             |                  |                         |    |                           |    |    |     |
| M686   | LINDILIG                    | PG   | 280           | 2°      | 22' | 5" S  | 78°      | 46' | 59" W | 3380   | 16             | INECEL           | 79                      | 7  | 19                        |    |    |     |
| M106   | LITA                        | CO   | 20            | 0°      | 50' | 11" N | 78°      | 28' | 57" W | 740    | 11             | INAMHI           | 64                      | 6  | 1                         |    |    |     |
| M298   | LODANA                      | CP   | 110           | 1°      | 10' | 0" S  | 80°      | 23' | 0" W  |        | 21             | CRM              | 81                      | 5  | 1                         |    |    |     |
| M810   | LODANA EN SAN JACINTO       | PV   | 110           | 1°      | 11' | 0" S  | 80°      | 25' | 0" W  |        | 21             | INAMHI           | 67                      | 7  | 28                        | 69 | 1  | /   |
| M497   | LOGRONNO                    | PV   | 280           | 2°      | 16' | 52" S | 78°      | 25' | 44" W |        | 32             | INAMHI           | 75                      | 12 | 29                        |    |    |     |
| M940   | LOMA GORDA(PG5MD)           | PG   | 80            | 0°      | 7'  | 26" S | 78°      | 31' | 9" W  | 3020   | 12             | EMAPQ            | 82                      | 4  | 6                         |    |    |     |
| M892   | LOMA LARGA                  | PV   | 130           |         |     |       |          |     |       |        | 22             | D.N.BANANO       |                         |    |                           |    |    |     |
| M563   | LORETO                      | PG   | 240           | 0°      | 41' | 0" S  | 77°      | 19' | 0" W  | 420    | 30             | INECEL           | 78                      | 8  | 12                        |    |    |     |
| M364   | LORETO PEDREGAL             | PV   | 80            | 0°      | 33' | 41" S | 78°      | 25' | 35" W | 3620   | 12             | INAMHI           | 63                      | 6  | 1                         |    |    |     |
| M779   | LOS CEIBITOS                | PV   | 140           |         |     |       |          |     |       |        | 23             | CEDEGE           | 74                      | 4  | /                         |    |    |     |
| M445   | LOS CERROS-MONTECRISTI      | PV   | 120           | 1°      | 2'  | 21" S | 80°      | 41' | 20" W | 200    | 21             | INAMHI           | 63                      | 8  | 5                         | 85 | 7  | /27 |
| M505   | LOS ENCUENTROS              | PV   | 280           | 3°      | 46' | 15" S | 78°      | 36' | 40" W | 800    | 33             | INAMHI           | 79                      | 8  | 5                         | 86 | 5  | /1  |
| M890   | LUCARQUI                    | AN   | 210           | 4°      | 6'  | 0" S  | 79°      | 48' | 0" W  | 850    | 19             | INECEL           | 82                      | 4  | 14                        |    |    |     |
| MA0Y   | LUISA                       | CO   | 260           | 1°      | 36' | 0" S  | 78°      | 44' | 0" W  | 3207   | 16             |                  | 65                      | 9  | /                         |    |    |     |
| MA0Q   | LLACAN                      | PV   | 130           | 1°      | 38' | 58" S | 79°      | 0'  | 25" W | 2500   | 15             | INAMHI           | 77                      | 3  | /                         |    |    |     |
| M730   | LLULLUCHIS                  | PV   | 80            | 0°      | 36' | 9" S  | 78°      | 37' | 57" W | 3500   | 13             | INERHI           | 72                      | 10 | /                         |    |    |     |
| M065   | MACARA AEROPUERTO           | AR   | 210           | 4°      | 22' | 28" S | 79°      | 56' | 20" W | 427    | 19             | F.A.E.           | 58                      | /  | /                         |    |    |     |
| M237   | MACARA INERHI               | CO   | 210           | 4°      | 23' | 0" S  | 79°      | 57' | 0" W  | 430    | 19             | INERHI           | 77                      | 7  | /                         |    |    |     |
| M062   | MACAS AEROPUERTO            | AR   | 280           | 2°      | 17' | 40" S | 78°      | 7'  | 5" W  | 995    | 32             | F.A.E.           |                         |    |                           |    |    |     |
| M266   | MACAS INAMHI                | CO   | 280           | 2°      | 18' | 30" S | 78°      | 6'  | 30" W | 1070   | 32             | INAMHI           | 31                      | 8  | 1                         |    |    |     |
| M803   | MACUL EN PTE.CARRETERA      | PV   | 130           | 1°      | 3'  | 49" S | 79°      | 37' | 1" W  | 30     | 23             | INAMHI           | 67                      | 8  | 4                         | 74 | 12 | /   |
| M117   | MACHACHI                    | CO   | 80            | 0°      | 30' | 0" S  | 78°      | 46' | 11" W | 2944   | 12             | INAMHI           | 63                      | 5  | 7                         |    |    |     |
| M072   | MACHALA AEROPUERTO          | AR   | 180           | 3°      | 15' | 50" S | 79°      | 57' | 40" W | 4      | 24             | F.A.E.           | 29                      | 10 | /                         |    |    |     |
| M185   | MACHALA-UTM                 | AP   | 180           | 3°      | 17' | 40" S | 79°      | 54' | 23" W | 13     | 24             | INAMHI           | 77                      | 9  | /                         |    |    |     |
| M273   | MACHANGARA                  | CP   | 180           | 2°      | 52' | 16" S | 79°      | 5'  | 0" W  | 3000   | 18             | INERHI           | 85                      | 4  | /                         |    |    |     |
| MA0D   | MACHE-HDA.LA TOLITA         | PV   | 80            | 0°      | 1'  | 58" S | 79°      | 27' | 2" W  | 350    | 12             | INAMHI           |                         |    |                           |    |    |     |
| MA0E   | MACHE-PLAN PILOTO           | PV   | 80            | 0°      | 4'  | 13" S | 79°      | 23' | 2" W  | 400    | 12             | INAMHI           |                         |    |                           |    |    |     |
| M143   | MALACATOS                   | CO   | 210           | 4°      | 12' | 58" S | 79°      | 16' | 16" W | 1453   | 19             | INAMHI           | 63                      | 6  | 1                         |    |    |     |
| M111   | MALCHINGUI INAMHI           | CP   | 80            | 0°      | 3'  | 20" N | 78°      | 19' | 56" W | 2840   | 12             | INAMHI           | 63                      | 3  | /                         |    |    |     |
| M267   | MALCHINGUI INERHI           | CO   | 80            | 0°      | 5'  | 11" N | 78°      | 20' | 42" W | 2670   | 12             | INERHI           | 67                      | 1  | /                         |    |    |     |
| M694   | MALDONADO-CARCHI            | PG   | 20            | 0°      | 54' | 32" N | 78°      | 6'  | 52" W | 1550   | 10             | INECEL           | 79                      | 4  | 2                         |    |    |     |
| M855   | MALIMPIA                    | PV   | 80            | 0°      | 24' | 31" N | 79°      | 25' | 16" W | 30     | 20             | INAMHI           | 72                      | 10 | /                         |    |    |     |
| M460   | MANCHA GRANDE               | PV   | 110           | 1°      | 4'  | 6" S  | 80°      | 10' | 20" W | 130    | 21             | INAMHI           | 71                      | 2  | 19                        |    |    |     |
| M607   | MANDURIACO CHICO            | PG   | 80            | 0°      | 17' | 2" N  | 78°      | 48' | 34" W | 1000   | 11             | INECEL           | 77                      | 10 | 2                         |    |    |     |
| MA59   | MANGAHURCO                  | CO   | 210           | 4°      | 9'  | 27" S | 80°      | 25' | 31" W | 355    | 19             | PREDESUR         |                         |    |                           |    |    |     |
| M619   | MANGLARALTO                 | PV   | 140           | 1°      | 50' | 16" S | 80°      | 44' | 48" W | 6      | 23             | CEDEGE           | 72                      | 10 | 1                         |    |    |     |
| M894   | MANGO ARROCERO              | PV   | 130           |         |     |       |          |     |       |        | 23             | INERHI           |                         |    |                           |    |    |     |
| M074   | MANTA AEROPUERTO            | AR   | 120           | 0°      | 57' | 0" S  | 80°      | 41' | 0" W  | 12     | 21             | F.A.E.           |                         |    |                           |    |    |     |
| M047   | MANTA INOCAR                | CO   | 120           | 0°      | 56' | 3" S  | 80°      | 44' | 2" W  | 3      | 21             | INOCAR           |                         |    |                           |    |    |     |
| M038   | MANUEL J.CALLE(V.FORESTAL)  | CP   | 150           | 2°      | 22' | 27" S | 79°      | 22' | 27" W | 50     | 17             | INAMHI           | 69                      | 11 | 18                        |    |    |     |
| M672   | MANZANAHUAICO               | PG   | 280           | 2°      | 37' | 15" S | 78°      | 40' | 0" W  | 2650   | 17             | INECEL           | 78                      | 10 | 9                         |    |    |     |
| M723   | MANZANAPATA                 | PG   | 280           | 2°      | 38' | 5" S  | 78°      | 40' | 0" W  | 2740   | 17             | INECEL           | 74                      | 5  | 16                        | 78 | 5  | /28 |
| MB59   | MAR DE LA TRANQUILIDAD      | PG   | 80            | 0°      | 12' | 24" S | 78°      | 53' | 59" W | 840    | 12             | HCCP             | 97                      | 9  | 1                         |    |    |     |
| M181   | MARCABELI                   | CP   | 200           | 3°      | 46' | 58" S | 79°      | 54' | 32" W | 520    | 24             | INAMHI           | 63                      | 11 | 27                        |    |    |     |
| M310   | MARIANO ACOSTA              | PG   | 20            | 0°      | 18' | 6" N  | 77°      | 58' | 54" W | 2980   | 11             | INAMHI           | 63                      | 3  | 17                        |    |    |     |
| M043   | MARISCAL SUCRE INAMHI       | CO   | 260           | 0°      | 38' | 25" S | 78°      | 29' | 45" W | 3670   | 13             | INAMHI           | 63                      | 4  | 6                         | 80 | /  | /   |
| M092   | MARISCAL SUCRE INERHI       | CP   | 130           | 2°      | 5'  | 54" S | 79°      | 29' | 12" W | 30     | 23             | INERHI           | 77                      | 1  | /                         |    |    |     |
| M897   | MARTINICA-BABA              | PV   | 130           |         |     |       |          |     |       |        | 22             | D.N.BANANO       |                         |    |                           |    |    |     |
| M090   | MATA DE CACAO               | CP   | 130           | 1°      | 59' | 0" S  | 79°      | 21' | 0" W  | 26     | 23             | INERHI           | 83                      | 11 | /                         |    |    |     |
| MA66   | MATADERO D.J. SAYAUSI       | PG   | 280           | 2°      | 52' | 31" S | 79°      | 3'  | 57" W | 18     | 18             |                  | 97                      | 2  | 21                        |    |    |     |
| M668   | MATAGLO-GULAG               | PV   | 280           | 3°      | 0'  | 0" S  | 78°      | 42' | 0" W  | 2750   | 18             | INECEL           | 78                      | 8  | 5                         |    |    |     |
| M513   | MEDIA LUNA-ISLA SANTA CRUZ  | PV   | 320           | 0°      | 38' | 55" S | 90°      | 19' | 20" W | 620    | 40             | INAMHI           | 68                      | 2  | 1                         |    |    |     |
| M501   | MENDEZ INAMHI               | PV   | 280           | 2°      | 42' | 7" S  | 78°      | 18' | 11" W | 665    | 32             | INAMHI           | 71                      | 1  | 1                         |    |    |     |
| M676   | MENDEZ INECEL               | PG   | 280           | 2°      | 42' | 10" S | 78°      | 18' | 41" W | 650    | 32             | INECEL           | 77                      | 4  | 21                        |    |    |     |
| M762   | MERCADILLO                  | PV   | 210           | 4°      | 1'  | 10" S | 79°      | 59' | 5" W  | 1125   | 19             | PREDESUR         | 72                      | 1  | /                         |    |    |     |
| M721   | MESA MIRAVALLE(DEL CHONTAL) | PG   | 80            | 0°      | 13' | 28" N | 78°      | 43' | 52" W | 960    | 12             | INECEL           | 76                      | 11 | 20                        |    |    |     |
| M037   | MILAGRO(INGENIO VALDEZ)     | CP   | 130           | 2°      | 6'  | 56" S | 79°      | 35' | 57" W | 13     | 23             | INAMHI           | 63                      | 3  | /                         |    |    |     |
| M196   | MINAS DE HUASCACHACA        | CO   | 180           | 3°      | 19' | 55" S | 79°      | 19' | 44" W | 1040   | 18             | INECEL           | 74                      | 5  | 1                         |    |    |     |

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## INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION           | TIPO | ZONA<br>HIDRO | LATITUD |     |       | LONGITUD |     |       | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |    |    | FECHA DE<br>LEVANTAMIENTO |    |    |
|--------|---------------------------------|------|---------------|---------|-----|-------|----------|-----|-------|--------|----------------|------------------|-------------------------|----|----|---------------------------|----|----|
|        |                                 |      |               | GG      | MM  | SS    | GG       | MM  | SS    |        |                |                  | AA                      | MM | DD | AA                        | MM | DD |
| M340   | MINDO INAMHI                    | PV   | 80            | 0°      | 3'  | 1" S  | 78°      | 46' | 20" W | 1290   | 12             | INAMHI           | 63                      | 4  | 20 | 88                        | 4  | 15 |
| M212   | MINDO INECEL                    | CP   | 80            | 0°      | 2'  | 52" S | 78°      | 44' | 8" W  | 1235   | 12             | INECEL           | 76                      | 2  | 27 |                           |    |    |
| MB49   | MINDO-HCPP                      | CO   | 80            | 0°      | 3'  | 11" S | 78°      | 46' | 5" W  | 1250   | 12             | HCCP             | 98                      | 2  | 2  |                           |    |    |
| MA0F   | MINDO-HDA.PONDEROSA             | PV   | 80            | 0°      | 0'  | 47" S | 78°      | 48' | 3" W  | 1780   | 12             | INAMHI           |                         |    |    |                           |    |    |
| M302   | MIRA                            | PV   | 20            | 0°      | 33' | 10" N | 78°      | 2'  | 29" W | 2410   | 10             | INAMHI           | 64                      | 6  | 17 | 84                        | 12 | /  |
| M955   | MIRADOR LOMA(PG26M)             | PG   | 80            | 0°      | 10' | 45" S | 78°      | 31' | 37" W | 3780   | 12             | EMAPQ            | 82                      | 4  | 19 |                           |    |    |
| M728   | MIRADOR-INGUEZA                 | PV   | 20            | 0°      | 39' | 0" N  | 77°      | 59' | 0" W  | 3100   | 10             | INERHI           | 84                      | 8  | /  |                           |    |    |
| M104   | MIRA-FAO GRANJA LA PORTADA      | CO   | 20            | 0°      | 32' | 0" N  | 78°      | 2'  | 0" W  | 2270   | 10             | INAMHI           | 34                      | 12 | 1  |                           |    |    |
| M919   | MIRAVALLE                       | PG   | 80            | 0°      | 16' | 0" S  | 78°      | 30' | 25" W | 3120   | 12             | INERHI           | 77                      | 10 | 28 |                           |    |    |
| M470   | MOCACHE                         | PV   | 130           | 1°      | 10' | 37" S | 79°      | 29' | 39" W |        | 22             | INAMHI           | 75                      | 12 | 29 |                           |    |    |
| M895   | MOCORA GRANDE                   | PV   | 130           |         |     |       |          |     |       |        | 21             | CEDEGE           | 83                      | 12 | 28 |                           |    |    |
| MA64   | MOLON (SANTA BARBARA CABECERA)  | PG   | 280           | 3°      | 9'  | 51" S | 78°      | 48' | 16" W |        | 18             |                  | 97                      | 2  | 21 |                           |    |    |
| M841   | MONJAS(TOACASO)                 | PV   | 260           | 0°      | 44' | 0" S  | 78°      | 41' | 0" W  |        | 13             | INAMHI           | 69                      | 5  | /  |                           |    |    |
| M253   | MONSERRATE                      | CP   | 130           | 1°      | 58' | 27" S | 79°      | 17' | 8" W  |        | 22             | CEDEGE           | 74                      | 4  | 10 |                           |    |    |
| M016   | MONTALVO-DCP                    | PC   | 260           | 2°      | 3'  | 40" S | 76°      | 58' | 50" W | 291    | 31             | INAMHI           | 85                      | 1  | /  |                           |    |    |
| M468   | MONTALVO-LOS RIOS               | PV   | 130           | 1°      | 46' | 32" S | 79°      | 17' | 59" W | 160    | 22             | INAMHI           | 75                      | 10 | 24 |                           |    |    |
| M898   | MONTANNA-QUEVEDO                | PV   | 130           |         |     |       |          |     |       |        | 22             | D.N.BANANO       |                         |    |    |                           |    |    |
| M304   | MONTE OLIVO                     | PV   | 20            | 0°      | 24' | 51" N | 77°      | 53' | 41" W | 2040   | 10             | INAMHI           | 63                      | 2  | 16 |                           |    |    |
| MB65   | MONTE OLIVO - HCPP              | PG   | 80            | 0°      | 11' | 27" N | 78°      | 57' | 39" W | 650    | 12             | HCCP             | 97                      | 5  | 1  |                           |    |    |
| M010   | MONTESERRIN                     | AP   | 80            | 0°      | 3'  | 23" S | 78°      | 16' | 49" W | 2600   | 12             | INERHI           | 66                      | 11 | /  |                           |    |    |
| M910   | MORASPUNGO-IMBABURA             | PV   | 20            | 0°      | 16' | 14" N | 78°      | 20' | 31" W | 2880   | 11             | INAMHI           | 85                      | 10 | 1  |                           |    |    |
| M368   | MORASPUNGO-COTOPAXI             | PV   | 130           | 1°      | 10' | 10" S | 79°      | 11' | 0" W  | 450    | 13             | INAMHI           | 63                      | 9  | 1  | 87                        | 6  | /  |
| M743   | MOROMONGO                       | PV   | 200           | 3°      | 40' | 48" S | 79°      | 44' | 28" W | 980    | 24             | PREDESUR         | 71                      | 2  | 20 |                           |    |    |
| M153   | MUISNE                          | CO   | 60            | 0°      | 37' | 13" N | 80°      | 0'  | 50" W | 6      | 20             | INAMHI           | 63                      | 11 | 1  |                           |    |    |
| MA20   | MULA CORRAL CONVENIO INMHI-HCPT | PV   | 130           |         |     |       |          |     |       |        | 14             | INAMHI           | 88                      | 7  | 13 |                           |    |    |
| M087   | MULALO                          | CP   | 260           | 0°      | 46' | 35" S | 78°      | 34' | 20" W | 3040   | 13             | INERHI           | 31                      | 1  | /  |                           |    |    |
| M711   | MULATOS AJ VERDEYACU            | PG   | 240           | 0°      | 55' | 0" S  | 78°      | 8'  | 0" W  | 1100   | 30             | INECEL           | 81                      | 10 | 7  |                           |    |    |
| M540   | MULTITUD                        | PV   | 130           | 2°      | 7'  | 8" S  | 79°      | 1'  | 32" W | 1610   | 16             | INAMHI           | 69                      | 7  | 11 |                           |    |    |
| M519   | MUNICIPIO GAUYAQUIL             | PV   | 130           | 2°      | 9'  | 0" S  | 79°      | 53' | 0" W  | 6      | 23             | INAMHI           | 76                      | 6  | /  |                           |    |    |
| M707   | MURALLAS DEL MEDIO              | PG   | 240           | 0°      | 21' | 14" S | 77°      | 44' | 47" W | 2180   | 30             | INECEL           | 80                      | 3  | 22 |                           |    |    |
| M247   | MURUCUMBA                       | PG   | 130           | 0°      | 48' | 17" S | 79°      | 37' | 3" W  | 64     | 23             | CEDEGE           | 71                      | 6  | 8  |                           |    |    |
| M158   | MUTILE-U.ESMERALDAS             | CO   | 80            | 0°      | 53' | 10" N | 79°      | 37' | 3" W  | 30     | 20             | INAMHI           |                         |    |    |                           |    |    |
| M420   | NABON INAMHI                    | PV   | 180           | 3°      | 20' | 2" S  | 79°      | 3'  | 58" W | 2750   | 18             | INAMHI           | 63                      | 5  | 16 |                           |    |    |
| M235   | NABON INERHI                    | CO   | 180           | 3°      | 20' | 5" S  | 79°      | 3'  | 7" W  | 2826   | 18             | INERHI           | 80                      | 10 | /  | 83                        | 12 | /  |
| M836   | NABOSBANCO                      | PV   | 260           | 1°      | 5'  | 12" S | 78°      | 21' | 6" W  | 3998   | 14             | INAMHI           | 63                      | /  | /  |                           |    |    |
| M442   | NAJURUNGO CARONDELET            | PV   | 10            | 1°      | 8'  | 14" N | 78°      | 46' | 8" W  | 40     | 20             | INAMHI           | 65                      | 8  | 2  |                           |    |    |
| M763   | NAMBACOLA                       | CO   | 210           | 4°      | 8'  | 26" S | 79°      | 26' | 2" W  | 1822   | 19             | PREDESUR         | 71                      | 2  | 16 |                           |    |    |
| MA42   | NAMURELTE                       | PG   | 2             | 2°      | 43' | 54" S | 78°      | 57' | 18" W | 3000   |                | INECEL           | 91                      | 5  | 1  |                           |    |    |
| M587   | NANEGAL                         | PG   | 80            | 0°      | 8'  | 26" N | 78°      | 40' | 34" W | 1180   | 12             | INECEL           | 75                      | 11 | 20 |                           |    |    |
| M339   | NANEGALITO                      | PG   | 80            | 0°      | 3'  | 0" N  | 78°      | 35' | 35" W | 1633   | 12             | INAMHI           | 64                      | 7  | 8  |                           |    |    |
| M176   | NARANJAL                        | CO   | 170           | 2°      | 39' | 44" S | 79°      | 39' | 23" W | 30     | 23             | INAMHI           | 64                      | 4  | 6  |                           |    |    |
| MA19   | NARANJITO-ING.ROCAFUERTE        | CO   | 130           | 2°      | 10' | 0" S  | 79°      | 21' | 0" W  | 41     | 23             | INAMHI           | 30                      | 8  | 19 |                           |    |    |
| M809   | NARANJITO-PAPAYAL               | PV   | 130           | 2°      | 10' | 0" S  | 79°      | 29' | 0" W  |        | 23             | INERHI           | 68                      | 1  | /  |                           |    |    |
| M361   | NONO                            | PG   | 80            | 0°      | 3'  | 41" S | 78°      | 34' | 31" W | 2730   | 12             | INAMHI           | 75                      | 12 | 8  |                           |    |    |
| M870   | NORTON                          | PV   | 130           | 2°      | 9'  | 0" S  | 79°      | 25' | 0" W  |        | 23             | I.S.CARLOS       |                         |    |    |                           |    |    |
| MA65   | NUDPUD                          | PG   | 280           | 2°      | 39' | 29" S | 78°      | 47' | 48" W |        | 17             |                  | 97                      | 2  | 21 |                           |    |    |
| M986   | NUEVA UNION(PV8)                | PV   | 130           | 1°      | 34' | 16" S | 80°      | 30' | 39" W | 250    | 21             | CRM              | 80                      | 3  | 27 |                           |    |    |
| M007   | NUEVO ROCAFUERTE                | AP   | 240           | 0°      | 55' | 0" S  | 75°      | 25' | 0" W  | 205    | 30             | INAMHI           | 76                      | 1  | 1  |                           |    |    |
| M834   | OLMEDO INERHI                   | PV   | 80            | 0°      | 8'  | 40" N | 78°      | 9'  | 20" W | 3098   | 12             | INERHI           | 73                      | 4  | /  |                           |    |    |
| M166   | OLMEDO-MANABI                   | CP   | 130           | 1°      | 23' | 29" S | 80°      | 12' | 77" W | 50     | 21             | INAMHI           | 63                      | 8  | 13 |                           |    |    |
| M023   | OLMEDO-PICHINCHA                | CO   | 80            | 0°      | 8'  | 53" N | 78°      | 2'  | 52" W | 3120   | 12             | INAMHI           | 75                      | 5  | 29 |                           |    |    |
| M421   | ONNA                            | PV   | 180           | 3°      | 27' | 52" S | 79°      | 9'  | 15" W | 2320   | 18             | INAMHI           | 63                      | 5  | 20 |                           |    |    |
| M770   | ORIANGA                         | PV   | 200           | 3°      | 53' | 35" S | 79°      | 52' | 2" W  | 1140   | 19             | PREDESUR         | 84                      | 5  | /  |                           |    |    |
| MA2Y   | ORTEGA (PREDESUR)               | PV   | 200           | 3°      | 39' | 6" S  | 79°      | 33' | 30" W | 900    | 24             | PREDESUR         | 87                      | 9  | 1  |                           |    |    |
| M105   | OTAVALO                         | CO   | 20            | 0°      | 14' | 16" N | 78°      | 15' | 35" W | 2556   | 11             | INAMHI           | 49                      | 10 | /  |                           |    |    |
| MA1Q   | OTON-H.CUSUBAMBA                | CO   | 80            | 0°      | 2'  | 0" S  | 78°      | 19' | 0" W  | 2250   | 12             |                  | 31                      | 7  | 8  |                           |    |    |
| M578   | OTONNO                          | PV   | 80            |         |     |       |          |     |       |        | 12             |                  |                         |    |    |                           |    |    |
| M545   | OYACACHI                        | PG   | 240           | 0°      | 20' | 0" S  | 77°      | 58' | 0" W  | 3130   | 30             | INECEL           | 74                      | 2  | 25 |                           |    |    |
| M312   | PABLO ARENAS                    | PV   | 20            | 0°      | 30' | 15" N | 78°      | 11' | 5" W  | 2340   | 11             | INAMHI           | 63                      | 2  | 14 |                           |    |    |
| M744   | PACCHA                          | PV   | 200           | 3°      | 35' | 8" S  | 79°      | 39' | 45" W | 1540   | 24             | PREDESUR         | 81                      | 2  | /  |                           |    |    |
| M336   | PACTO                           | PG   | 80            | 0°      | 12' | 47" N | 78°      | 53' | 49" W | 1200   | 12             | INAMHI           | 75                      | 12 | 10 |                           |    |    |
| M135   | PACHAMAMA-TIXAN                 | CO   | 130           | 2°      | 11' | 37" S | 78°      | 46' | 40" W | 3690   | 16             | INAMHI           | 62                      | 2  | 1  |                           |    |    |
| M046   | PACHIJAL MASHPI                 | CP   | 80            | 0°      | 11' | 22" N | 78°      | 57' | 0" W  | 560    | 12             | INECEL           | 76                      | 12 | 15 |                           |    |    |
| M184   | PAGUA                           | CO   | 170           | 3°      | 4'  | 10" S | 79°      | 46' | 4" W  | 8      | 24             | INAMHI           | 73                      | 9  | 1  |                           |    |    |
| M049   | PAJAN                           | CO   | 130           | 1°      | 33' | 0" S  | 80°      | 26' | 0" W  | 130    | 21             | J.R.H.           | 81                      | 5  | /  |                           |    |    |
| M551   | PALENQUE                        | CO   | 130           | 1°      | 26' | 0" S  | 79°      | 44' | 0" W  | 6      | 22             | CEDEGE           |                         |    |    |                           |    |    |
| M745   | PALMALES                        | PV   | 190           | 3°      | 39' | 55" S | 80°      | 5'  | 54" W | 120    | 24             | PREDESUR         | 72                      | 1  | /  |                           |    |    |
| M795   | PALMAR-LA GRANJA                | CO   | 130           |         |     |       |          |     |       |        | 22             | CEDEGE           | 74                      | 1  | 11 |                           |    |    |
| M045   | PALMAS-AZUAY                    | CP   | 280           | 2°      | 42' | 58" S | 78°      | 37' | 47" W | 2400   | 18             | INECEL           | 74                      | 5  | 15 |                           |    |    |
| M623   | PALMERAS UNIDAS(PALMAR)         | PV   | 130           | 0°      | 15' | 53" S | 79°      | 35' | 48" W | 460    | 21             | CEDEGE           | 64                      | 3  | /  |                           |    |    |
| MA01   | PALMIRA DAVALOS MAG             | AN   | 260           |         |     |       |          |     |       |        | 16             | M.A.G            |                         |    |    |                           |    |    |
| M398   | PALMIRA INAMHI                  | PV   | 260           | 2°      | 3'  | 26" S | 78°      | 44' | 20" W | 3180   | 16             | INAMHI           | 63                      | 8  | 16 |                           |    |    |
| M293   | PALMORIENTE-HUASHITO            | CO   | 240           | 0°      | 19' | 0" S  | 77°      | 4'  | 0" W  | 360    | 30             | INAMHI           | 85                      | 11 | 15 |                           |    |    |
| M198   | PALO QUEMADO                    | CP   | 80            | 0°      | 22' | 13" S | 78°      | 55' | 0" W  | 1160   | 12             | INECEL           | 74                      | 1  | 25 |                           |    |    |
| M839   | PALOPO                          | PV   | 260           | 0°      | 56' | 45" S | 78°      | 32' | 36" W | 3180   | 13             | INAMHI           | 69                      | 10 | 1  |                           |    |    |
| M391   | PALLATANGA                      | PG   | 130           | 1°      | 59' | 57" S | 78°      | 57' | 54" W | 1500   | 16             | INAMHI           | 67                      | 6  | 22 |                           |    |    |
| M507   | PAMPA MIA-ISLA SAN CRISTOBAL    | PV   | 320           | 0°      | 51' | 0" S  | 89°      | 29' | 0" W  | 400    | 40             | INAMHI           | 64                      | 1  | 1  |                           |    |    |
| M528   | PAMPAS DE GUINTZA               | PV   | 260           | 0°      | 44' | 10" S | 78°      | 44' | 50" W | 3500   | 13             | INERHI           | 69                      | 1  | /  |                           |    |    |
| M804   | PAN CRUDO(BALZAR)               | PV   | 130           | 1°      | 15' | 9" S  | 79°      | 45' | 26" W |        | 23             | CEDEGE           | 64                      | 11 | 28 |                           |    |    |
| M538   | PAN GRANDE-SAN VICENTE          | PG   | 280           | 2°      | 28' | 56" S | 78°      | 40' | 27" W | 2600   | 18             | INECEL           | 74                      | 5  | 2  |                           |    |    |
| M409   | PANGOR-J.DE VELASCO(H.TEPEYAC)  | PV   | 130           | 1°      | 48' | 19" S | 78°      | 52' | 17" W | 3360   | 16             | INAMHI           | 80                      | 12 | 12 |                           |    |    |
| M899   | PANIGON # 12                    | PV   | 130           |         |     |       |          |     |       |        | 22             | CEDEGE           | 84                      | 1  | 10 |                           |    |    |

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INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION          | TIPO | ZONA<br>HIDRO | LATITUD |     |       | LONGITUD |     |       | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |    | FECHA DE<br>LEVANTAMIENTO |    |    |    |
|--------|--------------------------------|------|---------------|---------|-----|-------|----------|-----|-------|--------|----------------|------------------|-------------------------|----|---------------------------|----|----|----|
|        |                                |      |               | GG      | MM  | SS    | GG       | MM  | SS    |        |                |                  | AA                      | MM | DD                        | AA | MM | DD |
| M492   | PANNACOCCHA                    | PV   | 240           | 0°      | 25' | 0" S  | 76°      | 5'  | 0" W  |        | 30             | INAMHI           | 75                      | 11 | 1                         |    |    |    |
| M188   | PAPALLACTA                     | CO   | 240           | 0°      | 21' | 54" S | 78°      | 8'  | 41" W | 3150   | 30             | INAMHI           | 49                      | 1  |                           |    |    |    |
| MA22   | PAPALLACTA INECEL              | PG   | 240           | 0°      | 20' | 0" S  | 78°      | 8'  | 0" W  | 3160   | 30             | INECEL           | 77                      | 4  | 16                        |    |    |    |
| M506   | PAQUISHA                       | PV   | 280           | 3°      | 54' | 40" S | 78°      | 38' | 26" W | 650    | 33             | INAMHI           | 82                      | 12 |                           |    |    |    |
| M859   | PARAISO                        | PV   | 150           | 2°      | 16' | 0" S  | 79°      | 26' | 0" W  |        | 23             | I.S.CARLOS       |                         |    |                           |    |    |    |
| M689   | PARAMOS JARAMILLO              | PV   | 240           | 1°      | 10' | 20" S | 78°      | 22' | 40" W | 3880   | 14             | INECEL           | 79                      | 8  | 20                        |    |    |    |
| M233   | PARRAQUETE GRANDE              | CP   | 150           | 2°      | 23' | 0" S  | 79°      | 35' | 0" W  |        | 23             | INERHI           | 83                      | 11 |                           |    |    |    |
| M289   | PASA                           | CO   | 260           | 1°      | 12' | 0" S  | 78°      | 43' | 0" W  | 3114   | 14             | INAMHI           | 31                      | 5  | 15                        |    |    |    |
| M040   | PASAJE                         | PV   | 180           | 3°      | 19' | 47" S | 79°      | 46' | 55" W | 40     | 24             | INAMHI           | 31                      | 6  | 15                        |    |    |    |
| M063   | PASTAZA AEROPUERTO             | AR   | 260           | 1°      | 30' | 0" S  | 78°      | 4'  | 0" W  | 1038   | 31             | F.A.E.           | 25                      | 1  |                           |    |    |    |
| M371   | PASTOCALLE                     | PV   | 260           | 0°      | 43' | 30" S | 78°      | 37' | 57" W | 3130   | 13             | INAMHI           | 63                      | 4  | 1                         |    |    |    |
| M126   | PATATE                         | CO   | 260           | 1°      | 18' | 1" S  | 78°      | 30' | 0" W  | 2360   | 14             | INAMHI           | 63                      | 5  | 15                        |    |    |    |
| M199   | PATOCOCHA                      | CP   | 160           | 2°      | 35' | 12" S | 79°      | 0'  | 24" W | 3401   | 17             | INERHI           | 84                      | 10 |                           |    |    |    |
| M667   | PATUL                          | PV   | 160           | 2°      | 42' | 0" S  | 79°      | 13' | 10" W | 3870   | 18             | INECEL           | 78                      | 7  | 4                         |    |    |    |
| M138   | PAUTE                          | CO   | 280           | 2°      | 46' | 39" S | 78°      | 43' | 32" W | 2289   | 18             | INAMHI           | 76                      | 6  | 1                         |    |    |    |
| M709   | PAYAMINO                       | PG   | 240           | 1°      | 30' | 0" S  | 77°      | 28' | 0" W  | 400    | 30             | INECEL           | 81                      | 10 | 15                        | 81 | 12 | 2  |
| M428   | PEDERNALES-AZUAY               | PV   | 180           | 3°      | 6'  | 26" S | 79°      | 21' | 31" W | 3450   | 18             | INAMHI           | 75                      | 3  | 9                         |    |    |    |
| M168   | PEDERNALES-MANABI              | CP   | 70            | 0°      | 3'  | 30" N | 80°      | 3'  | 20" W | 20     | 21             | INAMHI           | 63                      | 11 | 3                         |    |    |    |
| M128   | PEDRO FERMIN CEVALLOS(COLEGIO) | CO   | 260           | 1°      | 21' | 9" S  | 78°      | 36' | 54" W | 2910   | 14             | INAMHI           | 78                      | 5  | 1                         |    |    |    |
| M044   | PEDRO PABLO GOMEZ              | CO   | 130           | 1°      | 37' | 32" S | 80°      | 33' | 26" W | 380    | 21             | J.R.H.           | 70                      | 5  | 12                        |    |    |    |
| M593   | PEDRO VICENTE MALDONADO        | PV   | 80            | 0°      | 5'  | 18" N | 79°      | 4'  | 54" W | 710    | 12             | INECEL           | 76                      | 8  | 13                        |    |    |    |
| M863   | PELIGRO                        | PV   | 130           | 2°      | 14' | 0" S  | 79°      | 22' | 0" W  |        | 23             | I.S.CARLOS       |                         |    |                           |    |    |    |
| M381   | PELILEO-TNQ.DE AGUA POTABLE    | PV   | 260           | 1°      | 19' | 49" S | 78°      | 33' | 25" W | 2525   | 14             | INAMHI           | 31                      | 5  | 14                        | 89 | 3  |    |
| M400   | PENIPE                         | PV   | 260           | 1°      | 33' | 39" S | 78°      | 31' | 42" W | 2460   | 16             | INAMHI           | 64                      | 6  | 4                         |    |    |    |
| M217   | PENNAS COLORADAS               | CP   | 280           | 2°      | 34' | 45" S | 78°      | 33' | 59" W | 2000   | 18             | INECEL           | 74                      | 5  | 8                         |    |    |    |
| M108   | PERIBUELA                      | CO   | 20            | 0°      | 23' | 0" N  | 78°      | 18' | 0" W  | 2650   | 11             | INAMHI           |                         |    |                           |    |    |    |
| M338   | PERUCHO INAMHI                 | PV   | 80            | 0°      | 6'  | 51" N | 78°      | 25' | 17" W | 1830   | 12             | INAMHI           | 64                      | 7  | 13                        |    |    |    |
| M214   | PERUCHO INECEL                 | CP   | 80            | 0°      | 6'  | 44" N | 78°      | 25' | 19" W | 1885   | 12             | INECEL           | 75                      | 11 | 13                        |    |    |    |
| M500   | PESCADO-VIA LA UNION           | PG   | 280           | 2°      | 58' | 0" S  | 78°      | 21' | 0" W  | 1600   | 32             | INAMHI           | 79                      | 7  | 25                        |    |    |    |
| MA18   | PICOAZA                        | CO   |               |         |     |       |          |     |       |        | 0              | INERHI           |                         |    |                           |    |    |    |
| M006   | PICHILINGUE                    | AP   | 130           | 1°      | 6'  | 0" S  | 79°      | 29' | 42" W | 120    | 22             | INAMHI           | 62                      | 12 |                           |    |    |    |
| M953   | PICHINCHA(PG23S)               | PG   | 80            | 0°      | 10' | 8" S  | 78°      | 32' | 43" W | 4200   | 12             | EMAPQ            | 82                      | 4  | 16                        |    |    |    |
| M614   | PICHINCHA-MANABI               | PV   | 130           | 1°      | 2'  | 51" S | 79°      | 48' | 51" W | 200    | 21             | INAMHI           | 62                      | 7  |                           | 75 |    |    |
| MA1D   | PIEDRA FINA                    | PV   | 80            |         |     |       |          |     |       | 20     |                |                  |                         |    |                           |    |    |    |
| M260   | PIFO                           | CO   | 80            | 0°      | 13' | 10" S | 78°      | 19' | 56" W | 2583   | 12             | INERHI           | 31                      | 4  | 20                        |    |    |    |
| M376   | PILAHUIN                       | PV   | 260           | 1°      | 18' | 8" S  | 78°      | 43' | 50" W | 3360   | 14             | INAMHI           | 31                      | 5  | 16                        |    |    |    |
| M122   | PILALO                         | CO   | 130           | 0°      | 56' | 35" S | 78°      | 59' | 29" W | 2520   | 13             | INAMHI           | 62                      | 7  | 1                         |    |    |    |
| M276   | PILARCITA                      | CO   | 130           |         |     |       |          |     |       |        | 12             | CEDEGE           | 81                      | 7  | 22                        |    |    |    |
| M355   | PILATON AJ TOACHI              | PV   | 80            | 0°      | 18' | 35" S | 78°      | 55' | 57" W | 920    | 12             | INAMHI           | 67                      | 3  | 22                        |    |    |    |
| M127   | PILLARO                        | CO   | 260           | 1°      | 10' | 10" S | 78°      | 33' | 10" W | 2805   | 14             | INAMHI           | 63                      | 12 |                           |    |    |    |
| M315   | PIMAMPIRO                      | PV   | 20            | 0°      | 24' | 16" N | 77°      | 55' | 48" W | 2090   | 11             | INAMHI           | 63                      | 2  | 16                        |    |    |    |
| M597   | PIMAN CHICO                    | PV   | 20            | 0°      | 25' | 25" N | 78°      | 3'  | 29" W | 2040   | 11             | INAMHI           |                         |    |                           |    |    |    |
| M583   | PINDILIG                       | PG   | 280           | 2°      | 38' | 10" S | 78°      | 42' | 15" W | 2700   | 17             | INECEL           | 78                      | 6  | 17                        |    |    |    |
| M367   | PINLOPATA                      | PV   | 130           | 1°      | 8'  | 31" S | 79°      | 1'  | 32" W | 2360   | 13             | INAMHI           | 63                      | 11 | 1                         |    |    |    |
| M773   | PINNAS                         | PV   | 200           | 3°      | 40' | 36" S | 79°      | 42' | 10" W | 1126   | 24             | INAMHI           | 83                      |    |                           |    |    |    |
| M287   | PINTAG                         | CO   | 80            | 0°      | 23' | 0" S  | 78°      | 32' | 0" W  | 2865   | 12             | INAMHI           | 31                      | 1  | 21                        |    |    |    |
| M525   | PISABO                         | PV   | 20            | 0°      | 14' | 0" N  | 78°      | 20' | 0" W  |        | 11             | INAMHI           | 75                      | 12 | 7                         |    |    |    |
| M805   | PISAGUA-MONTALVO               | PV   | 130           | 1°      | 46' | 43" S | 79°      | 16' | 58" W |        | 22             | CEDEGE           | 73                      | 4  |                           |    |    |    |
| MA1F   | PISAYAMBO-LAGUNA               | PV   | 260           | 1°      | 4'  | 0" S  | 78°      | 23' | 0" W  |        | 14             | INECEL           |                         |    |                           |    |    |    |
| M219   | PISAYAMBO-TALATAG              | CP   | 260           | 1°      | 2'  | 8" S  | 78°      | 25' | 0" W  | 3580   | 14             | INECEL           | 74                      | 9  | 6                         |    |    |    |
| M417   | PISCICOLA CHIRIMICHAY          | PV   | 280           | 2°      | 46' | 28" S | 79°      | 10' | 20" W | 3270   | 18             | INAMHI           | 63                      | 5  | 2                         |    |    |    |
| M901   | PITA CEDEGE                    | PV   | 130           |         |     |       |          |     |       |        | 22             | CEDEGE           | 84                      | 12 | 23                        |    |    |    |
| M277   | PITITA                         | CO   | 130           |         |     |       |          |     |       |        | 12             | CEDEGE           |                         |    |                           |    |    |    |
| MA2E   | PLAN AMERICA - DAULE           | PV   |               |         |     |       |          |     |       |        | 23             | CEDEGE           |                         |    |                           |    |    |    |
| M714   | PLANADA VIRGEN                 | PG   | 240           | 0°      | 1'  | 0" N  | 77°      | 52' | 0" W  |        | 30             | INECEL           | 82                      | 1  | 24                        |    |    |    |
| M173   | PLAYAS-GRAL.VILLAMIL           | CO   | 140           | 2°      | 37' | 41" S | 80°      | 24' | 4" W  | 6      | 23             | INAMHI           | 62                      | 12 | 1                         |    |    |    |
| M372   | POALO                          | PV   | 260           | 0°      | 53' | 0" S  | 78°      | 40' | 0" W  | 2900   | 13             | INAMHI           | 75                      | 12 | 4                         | 89 | 3  |    |
| MA1L   | POMASQUI                       | CO   | 80            | 0°      | 2'  | 0" S  | 78°      | 28' | 0" W  | 2500   | 12             | INAMHI           | 30                      | 7  |                           |    |    |    |
| MB74   | POMASQUI                       | CO   | 80            | 0°      | 3'  | 0" S  | 78°      | 27' | 0" W  | 2402   | 12             | INAMHI           | 98                      | 7  | 1                         |    |    |    |
| M848   | PONCE ENRIQUEZ                 | PV   | 170           |         |     |       |          |     |       |        | 18             | INAMHI           | 67                      | 11 |                           |    |    |    |
| MA62   | PORTETE CABECERA DEL TARQUI    | PG   | 280           | 3°      | 7'  | 10" S | 79°      | 5'  | 1" W  |        | 18             |                  | 97                      | 2  | 21                        |    |    |    |
| M479   | PORTOVELO                      | PV   | 200           | 3°      | 42' | 38" S | 79°      | 37' | 7" W  | 747    | 24             | INAMHI           | 30                      | 12 |                           |    |    |    |
| M274   | PORTOVIEJO AEROPUERTO          | AR   | 110           | 1°      | 2'  | 15" S | 80°      | 28' | 14" W | 44     | 21             | F.A.E.           |                         |    |                           |    |    |    |
| M005   | PORTOVIEJO-UTM                 | AP   | 110           | 1°      | 2'  | 3" S  | 80°      | 27' | 34" W | 60     | 21             | INAMHI           | 30                      | 7  |                           |    |    |    |
| MA29   | POZA HONDA                     | CP   | 1             | 1°      | 7'  | 0" S  | 80°      | 12' | 0" W  |        | 21             | CRM              | 85                      | 1  | 1                         |    |    |    |
| M517   | POZO # 5                       | PV   | 120           |         |     |       |          |     |       |        | 21             | J.R.H.           | 81                      | 1  |                           |    |    |    |
| M952   | POZO 17                        | PV   | 80            | 0°      | 8'  | 13" S | 78°      | 28' | 40" W | 2775   | 12             | EMAPQ            | 82                      | 7  | 20                        |    |    |    |
| M861   | POZONES                        | PV   | 130           | 2°      | 14' | 0" S  | 79°      | 29' | 0" W  |        | 23             | I.S.CARLOS       |                         |    |                           |    |    |    |
| M864   | PRETORIA                       | PV   | 130           | 2°      | 13' | 0" S  | 79°      | 20' | 0" W  |        | 23             | I.S.CARLOS       |                         |    |                           |    |    |    |
| M275   | PROYECTO MONTE VERDE           | CP   | 140           | 2°      | 3'  | 18" S | 80°      | 43' | 54" W | 2      | 23             | INOCAR           |                         |    |                           |    |    |    |
| M252   | PUCAYACU                       | CP   | 130           |         |     |       |          |     |       |        | 13             | CEDEGE           | 82                      | 12 | 23                        |    |    |    |
| M806   | PUEBLO NUEVO                   | CO   | 130           | 1°      | 12' | 30" S | 80°      | 3'  | 48" W |        | 21             | CEDEGE           | 73                      | 12 |                           |    |    |    |
| M172   | PUEBLO VIEJO                   | CO   | 130           | 1°      | 32' | 12" S | 79°      | 31' | 45" W | 32     | 22             | INAMHI           | 80                      | 12 | 29                        |    |    |    |
| M285   | PUELLARO                       | CO   | 80            | 0°      | 4'  | 0" N  | 78°      | 23' | 0" W  | 2063   | 12             | INAMHI           | 30                      | 7  |                           |    |    |    |
| M347   | PUEMBO                         | PV   | 80            | 0°      | 10' | 34" S | 78°      | 21' | 21" W | 2460   | 12             | INAMHI           | 63                      | 3  | 20                        |    |    |    |
| M917   | PUENGASI                       | PG   | 80            | 0°      | 13' | 55" S | 78°      | 29' | 40" W | 3000   | 12             | INERHI           | 77                      | 10 | 27                        |    |    |    |
| M900   | PUENTE LAS JUNTAS              | AN   | 260           | 1°      | 25' | 0" S  | 78°      | 28' | 0" W  | 1900   | 14             | INECEL           | 82                      | 5  | 3                         | 82 | 8  |    |
| M254   | PUENTE NEGRO                   | CP   | 150           |         |     |       |          |     |       |        | 23             | CEDEGE           | 82                      | 12 | 29                        |    |    |    |
| M232   | PUENTE PUYANGO                 | CO   | 200           | 3°      | 54' | 3" S  | 80°      | 4'  | 43" W | 305    | 24             | PREDESUR         | 81                      | 2  |                           |    |    |    |
| M521   | PUENTE SOLEDAD                 | PV   | 170           | 2°      | 49' | 0" S  | 79°      | 42' | 0" W  |        | 23             | INAMHI           | 76                      | 1  | 5                         |    |    |    |
| M547   | PUERTO AGUARICO                | PV   | 230           | 0°      | 5'  | 1" N  | 77°      | 16' | 1" W  | 470    | 30             | INECEL           | 74                      | 3  | 1                         |    |    |    |
| M195   | PUERTO BOLIVAR                 | CO   | 190           | 3°      | 15' | 24" S | 80°      | 0'  | 0" W  | 4      | 24             | INOCAR           | 52                      | 1  |                           |    |    |    |

continúa...

## INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION            | TIPO | ZONA<br>HIDRO | LATITUD      |               |      | LONGITUD |             |    | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |    |    | FECHA DE<br>LEVANTAMIENTO |    |    |
|--------|----------------------------------|------|---------------|--------------|---------------|------|----------|-------------|----|--------|----------------|------------------|-------------------------|----|----|---------------------------|----|----|
|        |                                  |      |               | GG           | MM            | SS   | GG       | MM          | SS |        |                |                  | AA                      | MM | DD | AA                        | MM | DD |
| M457   | PUERTO CAYO                      | PV   | 120           | 1° 20' 58" S | 80° 44' 11" W | 6    | 21       | INAMHI      |    |        |                | 70 / 5 / 10      |                         |    |    |                           |    |    |
| M026   | PUERTO ILA                       | CO   | 130           | 0° 29' 17" S | 79° 21' 31" W | 260  | 12       | INAMHI      |    |        |                | 63 / 1 / 1       |                         |    |    |                           |    |    |
| M477   | PUERTO INCA(CANNAR EN)           | PV   | 160           | 2° 31' 49" S | 79° 32' 38" W | 50   | 23       | INAMHI      |    |        |                | 67 / 8 / 24      |                         |    |    |                           |    |    |
| M697   | PUERTO LIBRE(SP.DE LOS CFNES.)   | PG   | 230           | 0° 20' 0" N  | 77° 30' 0" W  | 680  | 34       | INECEL      |    |        |                | 80 / 8 / 20      |                         |    |    |                           |    |    |
| M786   | PUERTO LIMON                     | PG   | 130           | 0° 23' 24" S | 79° 23' 43" W |      | 12       | CEDEGE      |    |        |                | 76 / 1 / 2       |                         |    |    |                           |    |    |
| M170   | PUERTO LOPEZ                     | CP   | 120           | 1° 34' 26" S | 80° 48' 29" W | 5    | 21       | INAMHI      |    |        |                | 77 / 6 / 18      |                         |    |    |                           |    |    |
| M491   | PUERTO NAPO                      | PV   | 240           | 1° 3' 31" S  | 77° 47' 40" W | 400  | 30       | INAMHI      |    |        |                | 76 / 5 / 26      |                         |    |    |                           |    |    |
| M119   | PUERTO QUITO-LA CEIBA            | CO   | 80            | 0° 7' 10" N  | 79° 11' 57" W | 250  | 12       | INAMHI      |    |        |                | 85 / 1 / 1       | 85 / 7 / 30             |    |    |                           |    |    |
| MB54   | PUERTO QUITO-UTE-HCPP            | CO   | 80            | 0° 6' 50" N  | 79° 11' 5" W  | 360  | 12       | HCCP        |    |        |                | 96 / 10 / 1      |                         |    |    |                           |    |    |
| M194   | PUERTO VILLAMIL-ISLA ISABELA     | CO   | 320           | 0° 57' 0" S  | 91° 0' 0" W   | 6    | 40       | INAMHI      |    |        |                | 64 / 2 / 1       |                         |    |    |                           |    |    |
| M088   | PUJILI(4 ESQUINAS)               | CP   | 260           | 0° 57' 12" S | 78° 42' 28" W | 3230 | 13       | INERHI      |    |        |                | 63 / 4 / 8       |                         |    |    |                           |    |    |
| M125   | PUJILI-H.S.ANTONIO DE S.ALEGRE   | CO   | 260           | 1° 2' 56" S  | 78° 41' 16" W | 3030 | 13       | INAMHI      |    |        |                | 75 / 1 / 1       | 87 / 7 / 1              |    |    |                           |    |    |
| M942   | PULIDA CHICA(PG7MD)              | PG   | 80            | 0° 8' 21" S  | 78° 30' 8" W  | 2870 | 12       | EMAPQ       |    |        |                | 82 / 3 / 30      |                         |    |    |                           |    |    |
| M228   | PUNA                             | CO   | 140           | 2° 44' 3" S  | 79° 54' 5" W  | 45   | 23       | INOCAR      |    |        |                | 72 / 9 / 1       |                         |    |    |                           |    |    |
| M243   | PUNGALES                         | CO   | 260           | 1° 35' 0" S  | 78° 32' 45" W | 2550 | 16       | INAMHI      |    |        |                | 84 / 11 / 1      |                         |    |    |                           |    |    |
| M999   | PUNIN-FLORES                     | PG   | 260           |              |               |      | 16       | M.A.G       |    |        |                | 84 / 1 / 1       |                         |    |    |                           |    |    |
| M077   | PUTUMAYO AEROPUERTO              | CP   | 220           | 0° 7' 0" N   | 75° 52' 0" W  | 260  | 30       | F.A.E.      |    |        |                |                  |                         |    |    |                           |    |    |
| M008   | PUYO                             | AP   | 260           | 1° 30' 27" S | 77° 54' 38" W | 960  | 31       | INAMHI      |    |        |                | 30 / 1 / 1       |                         |    |    |                           |    |    |
| M746   | QUEBRADA SECA                    | PV   | 190           | 3° 39' 50" S | 80° 10' 56" W | 80   | 24       | PREDESUR    |    |        |                | 73 / 3 / 1       |                         |    |    |                           |    |    |
| M382   | QUERO                            | PV   | 260           | 1° 22' 31" S | 78° 36' 25" W | 2870 | 14       | INAMHI      |    |        |                | 75 / 12 / 3      |                         |    |    |                           |    |    |
| M258   | QUEROCHACA(UTA)                  | AP   | 260           | 1° 22' 0" S  | 78° 36' 0" W  | 2940 | 14       | INAMHI      |    |        |                | 85 / 11 / 2      |                         |    |    |                           |    |    |
| M556   | QUEVEDO                          | PV   | 130           | 1° 5' 0" S   | 79° 30' 0" W  | 45   | 22       | INAMHI      |    |        |                |                  |                         |    |    |                           |    |    |
| M700   | QUIJOS SUPERIOR                  | PG   | 240           | 0° 28' 43" S | 78° 6' 24" W  | 2950 | 30       | INECEL      |    |        |                | 80 / 2 / 14      |                         |    |    |                           |    |    |
| M241   | QUILANGA                         | CO   | 210           | 4° 18' 5" S  | 79° 23' 57" W | 1819 | 19       | PREDESUR    |    |        |                | 71 / 2 / 8       |                         |    |    |                           |    |    |
| M835   | QUILLOPACCHA-LAGUNA              | PV   | 260           | 1° 2' 0" S   | 78° 22' 0" W  | 3640 | 14       | INAMHI      |    |        |                | 69 / 1 / 28      |                         |    |    |                           |    |    |
| M095   | QUIMIAG                          | CO   | 260           | 1° 39' 30" S | 78° 34' 30" W | 2720 | 16       | INERHI      |    |        |                | 79 / 3 / 1       |                         |    |    |                           |    |    |
| M145   | QUINARA INAMHI                   | CO   | 210           | 4° 18' 39" S | 79° 14' 19" W | 1560 | 19       | INAMHI      |    |        |                | 81 / 11 / 1      |                         |    |    |                           |    |    |
| M764   | QUINARA PREDESUR                 | CO   | 210           | 4° 18' 50" S | 79° 14' 36" W | 1559 | 19       | PREDESUR    |    |        |                | 72 / 1 / 1       |                         |    |    |                           |    |    |
| M156   | QUININDE(CONV.MADRES LAURITAS)   | CO   | 80            | 0° 18' 19" N | 79° 27' 45" W | 120  | 20       | INAMHI      |    |        |                | 63 / 9 / 20      |                         |    |    |                           |    |    |
| M430   | QUINOAS                          | PV   | 280           | 2° 46' 48" S | 79° 12' 10" W | 3200 | 18       | INAMHI      |    |        |                | 76 / 6 / 19      |                         |    |    |                           |    |    |
| MA1E   | QUINTA FRAY LUIS                 | PV   | 80            |              |               |      | 12       |             |    |        |                |                  |                         |    |    |                           |    |    |
| M055   | QUITO AEROPUERTO-DAC             | AR   | 80            | 0° 8' 24" S  | 78° 29' 6" W  | 2794 | 12       | D.A.C.      |    |        |                | 47 / 1 / 1       |                         |    |    |                           |    |    |
| M024   | QUITO INAMHI-INNAQUITO           | CE   | 80            | 0° 10' 28" S | 78° 29' 8" W  | 2812 | 12       | INAMHI      |    |        |                | 75 / 8 / 1       |                         |    |    |                           |    |    |
| MA1N   | QUITO-ALFARO                     | PV   | 80            |              |               |      | 12       | INAMHI      |    |        |                | 31 / 4 / 11      |                         |    |    |                           |    |    |
| M054   | QUITO-OBSERVATORIO               | CP   | 80            | 0° 12' 40" S | 78° 30' 0" W  | 2820 | 12       | EPN         |    |        |                | 91 / 1 / 1       |                         |    |    |                           |    |    |
| M606   | QUITO-U.CENTRAL                  | CO   | 80            | 0° 13' 0" S  | 78° 30' 0" W  | 2870 | 12       | U.CENTRALE. |    |        |                | 31 / 7 / 1       | 73 / 11 / 1             |    |    |                           |    |    |
| M966   | RADIO COLON-ANTENAS(PV43)        | PV   | 80            | 0° 18' 30" S | 78° 32' 7" W  | 2910 | 12       | EMAPQ       |    |        |                | 81 / 12 / 9      |                         |    |    |                           |    |    |
| M370   | RAMON CAMPANNA                   | PV   | 130           | 1° 6' 40" S  | 79° 5' 0" W   | 1560 | 13       | INAMHI      |    |        |                | 67 / 10 / 1      |                         |    |    |                           |    |    |
| MA16   | RANCHO CHICO                     | PV   | 260           |              |               |      | 0        | INERHI      |    |        |                |                  |                         |    |    |                           |    |    |
| M832   | RANCHO-ISLA SANTA CRUZ           | PV   | 320           | 0° 42' 15" S | 90° 19' 0" W  |      | 40       | INAMHI      |    |        |                |                  |                         |    |    |                           |    |    |
| M813   | RECINTO CHITA                    | PV   | 90            | 0° 29' 10" S | 80° 19' 56" W | 120  | 21       | INAMHI      |    |        |                | 71 / 3 / 18      |                         |    |    |                           |    |    |
| MA06   | RECINTO SOLEDAD                  | PV   | 170           |              |               |      | 23       | INERHI      |    |        |                |                  |                         |    |    |                           |    |    |
| M203   | REVENTADOR                       | CP   | 240           | 0° 25' 18" S | 77° 58' 0" W  | 1145 | 30       | INECEL      |    |        |                | 74 / 3 / 18      |                         |    |    |                           |    |    |
| M426   | RICAUARTE-CUENCA                 | PV   | 280           | 2° 51' 3" S  | 78° 56' 55" W | 2545 | 18       | INAMHI      |    |        |                | 62 / 4 / 12      |                         |    |    |                           |    |    |
| MA0R   | RICAUARTE-MANABI                 | PV   | 100           | 0° 34' 2" S  | 80° 2' 33" W  | 60   | 21       | CRM         |    |        |                |                  |                         |    |    |                           |    |    |
| M734   | RIO ARTURO                       | PV   | 240           | 0° 5' 42" N  | 77° 56' 30" W | 3390 | 12       | INERHI      |    |        |                | 73 / 1 / 1       |                         |    |    |                           |    |    |
| M562   | RIO BLANCO INECEL                | PG   | 20            | 0° 45' 40" N | 78° 16' 34" W | 950  | 10       | INECEL      |    |        |                | 79 / 9 / 22      |                         |    |    |                           |    |    |
| M911   | RIO BLANCO(CUENCA EXP.)          | PV   | 20            | 0° 15' 7" N  | 78° 17' 59" W | 2550 | 11       | INAMHI      |    |        |                | 85 / 10 / 1      |                         |    |    |                           |    |    |
| M549   | RIO BLANCO-QUININDE              | PG   | 80            | 0° 8' 33" S  | 79° 17' 27" W |      | 12       | INECEL      |    |        |                | 79 / 2 / 22      |                         |    |    |                           |    |    |
| MB52   | RIO CAONI                        | CO   | 80            | 0° 1' 4" N   | 79° 10' 20" W | 450  | 12       | HCCP        |    |        |                | 97 / 8 / 1       |                         |    |    |                           |    |    |
| M599   | RIO COLORADO                     | PV   | 260           | 1° 24' 23" S | 78° 51' 52" W | 3850 | 14       | INAMHI      |    |        |                | 64 / 9 / 9       | 80 / 5 / 4              |    |    |                           |    |    |
| MA1Z   | RIO COLORADO CONVENIO INAMHI-HCP | PV   |               |              |               |      | 14       | INAMHI      |    |        |                | 88 / 8 / 1       |                         |    |    |                           |    |    |
| M842   | RIO CUCHIHUASI(CONDORPASO)       | PV   | 260           | 0° 59' 0" S  | 78° 25' 0" W  | 3500 | 13       | INAMHI      |    |        |                | 69 / 1 / 26      |                         |    |    |                           |    |    |
| M464   | RIO CHAMOTETE-JESUS MARIA        | PV   | 110           | 1° 1' 11" S  | 80° 12' 26" W | 40   | 21       | INAMHI      |    |        |                | 70 / 10 / 1      |                         |    |    |                           |    |    |
| M844   | RIO CHANCHAN-KM.90+180 FF CC     | PV   | 130           | 2° 16' 0" S  | 79° 3' 0" W   | 450  | 16       | INAMHI      |    |        |                | 67 / 8 / 18      | 69 / 11 / 1             |    |    |                           |    |    |
| M454   | RIO CHICO EN ALAJUELA            | PV   | 110           | 1° 2' 48" S  | 80° 16' 52" W | 20   | 21       | INAMHI      |    |        |                | 67 / 7 / 29      |                         |    |    |                           |    |    |
| M747   | RIO CHICO-EL ORO                 | PV   | 190           | 3° 28' 0" S  | 79° 51' 0" W  | 50   | 24       | PREDESUR    |    |        |                | 81 / 3 / 1       |                         |    |    |                           |    |    |
| M461   | RIO CHICO-PECHICHE               | PV   | 110           | 0° 58' 58" S | 80° 25' 22" W | 30   | 21       | INAMHI      |    |        |                | 71 / 2 / 19      |                         |    |    |                           |    |    |
| MA2K   | RIO GRANDE (CHONE)               | PV   |               | 0° 40' 0" S  | 79° 59' 0" W  |      | 21       | CRM         |    |        |                | 85 / 1 / 1       |                         |    |    |                           |    |    |
| M575   | RIO MACHE                        | PV   | 80            | 0° 4' 13" S  | 79° 23' 2" W  | 400  | 12       | INAMHI      |    |        |                |                  | 77 / 10 / 1             |    |    |                           |    |    |
| M410   | RIO MAZAR-RIVERA                 | PG   | 280           | 2° 34' 25" S | 78° 39' 0" W  | 2450 | 17       | INAMHI      |    |        |                | 63 / 12 / 29     |                         |    |    |                           |    |    |
| MA0S   | RIO MINAS                        | PV   | 20            | 0° 34' 19" N | 77° 46' 30" W | 2720 | 10       | INERHI      |    |        |                |                  |                         |    |    |                           |    |    |
| M483   | RIO NEGRO                        | PV   | 190           | 3° 23' 21" S | 79° 49' 55" W | 30   | 24       | INAMHI      |    |        |                |                  |                         |    |    |                           |    |    |
| M401   | RIO OZOGOCHE(LAGOS)              | PV   | 260           | 2° 14' 38" S | 78° 35' 50" W | 3715 | 16       | INAMHI      |    |        |                | 67 / 8 / 25      |                         |    |    |                           |    |    |
| M480   | RIO PINDO(AJ AMARILLO)           | PV   | 200           | 3° 45' 46" S | 79° 38' 5" W  | 610  | 24       | INAMHI      |    |        |                | 63 / 1 / 1       |                         |    |    |                           |    |    |
| M622   | RIO PITA AJ SALTO                | PV   | 80            | 0° 29' 0" S  | 78° 25' 0" W  | 3600 | 12       | INAMHI      |    |        |                | 67 / 8 / 1       |                         |    |    |                           |    |    |
| M532   | RIO PITA-HDA.PEDREGAL            | PV   | 80            | 0° 31' 0" S  | 78° 25' 0" W  | 3600 | 12       | INAMHI      |    |        |                | 65 / 9 / 1       | 75 / 3 / 1              |    |    |                           |    |    |
| M208   | RIO SALADO-INECEL                | CP   | 240           | 0° 12' 0" S  | 77° 39' 0" W  | 1310 | 30       | INECEL      |    |        |                | 77 / 5 / 17      |                         |    |    |                           |    |    |
| M388   | RIO SAN ANTONIO-MONJAS           | PV   | 130           | 1° 37' 0" S  | 79° 14' 0" W  | 2200 | 15       | INAMHI      |    |        |                | 79 / 12 / 16     |                         |    |    |                           |    |    |
| M833   | RIO SAN PEDRO                    | PV   | 240           | 0° 6' 1" N   | 77° 56' 40" W | 3425 | 12       | INERHI      |    |        |                | 73 / 1 / 1       |                         |    |    |                           |    |    |
| M922   | RIO TINTO 1(PG1)                 | PG   | 140           | 2° 22' 51" S | 80° 29' 8" W  | 70   | 23       | INERHI      |    |        |                | 80 / 11 / 22     |                         |    |    |                           |    |    |
| M931   | RIO TINTO 10(PG9)                | PG   | 140           | 2° 28' 12" S | 80° 27' 55" W | 410  | 23       | INERHI      |    |        |                | 79 / 4 / 1       |                         |    |    |                           |    |    |
| M932   | RIO TINTO 11(PG10)               | PG   | 140           | 2° 27' 17" S | 80° 27' 11" W | 150  | 23       | INERHI      |    |        |                | 79 / 4 / 1       |                         |    |    |                           |    |    |
| M933   | RIO TINTO 12(PG11)               | PG   | 140           | 2° 26' 25" S | 80° 27' 23" W | 120  | 23       | INERHI      |    |        |                | 79 / 4 / 1       |                         |    |    |                           |    |    |
| M934   | RIO TINTO 13(PGM12)              | PG   | 140           | 2° 25' 41" S | 80° 26' 54" W | 110  | 23       | INERHI      |    |        |                | 79 / 4 / 1       |                         |    |    |                           |    |    |
| M935   | RIO TINTO 14(PG13)               | PG   | 140           | 2° 23' 9" S  | 80° 26' 10" W | 90   | 23       | INERHI      |    |        |                | 79 / 4 / 1       |                         |    |    |                           |    |    |
| M936   | RIO TINTO 15(PG15)               | PG   | 140           | 2° 22' 40" S | 80° 29' 44" W | 100  | 23       | INERHI      |    |        |                | 79 / 4 / 1       |                         |    |    |                           |    |    |
| M969   | RIO TINTO 16(PG16)               | PG   | 140           | 2° 24' 14" S | 80° 26' 37" W | 110  | 23       | INERHI      |    |        |                | 79 / 4 / 1       |                         |    |    |                           |    |    |
| M923   | RIO TINTO 2(PGM2)                | PG   | 140           | 2° 23' 16" S | 80° 30' 54" W | 190  | 23       | INERHI      |    |        |                | 80 / 11 / 22     |                         |    |    |                           |    |    |
| M924   | RIO TINTO 3(PGM3)                | PG   | 140           | 2° 23' 16" S | 80° 30' 13" W | 130  | 23       | INERHI      |    |        |                | 80 / 11 / 22     |                         |    |    |                           |    |    |
| M925   | RIO TINTO 4(PGM4)                | PG   | 140           | 2° 23' 53" S | 80° 30' 29" W | 200  | 23       | INERHI      |    |        |                | 80 / 11 / 22     |                         |    |    |                           |    |    |
| M926   | RIO TINTO 5(PGM5)                | PG   | 140           | 2° 24' 3" S  | 80° 29' 18" W | 90   | 23       | INERHI      |    |        |                | 80 / 11 / 22     |                         |    |    |                           |    |    |

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INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION         | TIPO | ZONA<br>HIDRO | LATITUD      |               |      | LONGITUD |    |      | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |    |    | FECHA DE<br>LEVANTAMIENTO |    |    |
|--------|-------------------------------|------|---------------|--------------|---------------|------|----------|----|------|--------|----------------|------------------|-------------------------|----|----|---------------------------|----|----|
|        |                               |      |               | GG           | MM            | SS   | GG       | MM | SS   |        |                |                  | AA                      | MM | DD | AA                        | MM | DD |
| M927   | RIO TINTO 6(PGM6)             | PG   | 140           | 2° 23' 45" S | 80° 28' 3" W  | 80   | 23       | 23 | 80   | 11     | 22             |                  |                         |    |    |                           |    |    |
| M928   | RIO TINTO 7(PGM7)             | PG   | 140           | 2° 25' 28" S | 80° 28' 37" W | 100  | 23       | 23 | 100  | 23     | 23             |                  |                         |    |    |                           |    |    |
| M929   | RIO TINTO 8(PG8)              | PG   | 140           | 2° 27' 47" S | 80° 28' 21" W | 315  | 23       | 23 | 315  | 23     | 23             |                  |                         |    |    |                           |    |    |
| M930   | RIO TINTO 9(PGM8)             | PG   | 140           | 2° 26' 5" S  | 80° 28' 53" W | 200  | 23       | 23 | 200  | 23     | 23             |                  |                         |    |    | 81 / 11 / 25              |    |    |
| M294   | RIO TINTO(CUENCA EXP.)        | CP   | 140           | 2° 22' 7" S  | 80° 28' 29" W | 50   | 23       | 23 | 50   | 23     | 23             |                  |                         |    |    |                           |    |    |
| M378   | RIO VERDE                     | PV   | 260           | 1° 24' 4" S  | 78° 17' 43" W | 1200 | 14       | 14 | 1200 | 14     | 14             |                  |                         |    |    |                           |    |    |
| M720   | RIO VERDE MEDIO               | PG   | 260           | 1° 16' 0" S  | 78° 19' 0" W  |      | 14       | 14 |      | 14     | 14             |                  |                         |    |    |                           |    |    |
| M057   | RIOBAMBA AEROPUERTO           | AR   | 260           | 1° 39' 0" S  | 78° 39' 0" W  | 2760 | 16       | 16 | 2760 | 16     | 16             |                  |                         |    |    |                           |    |    |
| MA10   | RIOBAMBA POLITECNICA          | CO   | 260           | 1° 39' 0" S  | 78° 39' 0" W  | 2740 | 16       | 16 | 2740 | 16     | 16             |                  |                         |    |    |                           |    |    |
| M165   | ROCAFUERTE                    | CO   | 110           | 0° 55' 20" S | 80° 27' 9" W  | 20   | 21       | 21 | 20   | 21     | 21             |                  |                         |    |    |                           |    |    |
| M815   | RON CON                       | PV   | 110           | 1° 0' 8" S   | 80° 7' 55" W  | 110  | 21       | 21 | 110  | 21     | 21             |                  |                         |    |    |                           |    |    |
| MA10   | RUCO PICHINCHA (1)            | CO   | 80            | 0° 15' 0" S  | 78° 31' 0" W  | 4710 | 12       | 12 | 4710 | 12     | 12             |                  |                         |    |    |                           |    |    |
| MA1P   | RUCO PICHINCHA (2)            | CO   | 80            | 0° 15' 0" S  | 78° 31' 0" W  | 4550 | 12       | 12 | 4550 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M947   | RUMANACCHA(PG13D)             | PG   | 80            | 0° 10' 36" S | 78° 30' 40" W | 3000 | 12       | 12 | 3000 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M914   | RUMIPAMBA INERHI              | PG   | 80            | 0° 30' 10" S | 78° 31' 5" W  | 3160 | 12       | 12 | 3160 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M353   | RUMIPAMBA-PICHINCHA           | PV   | 80            | 0° 25' 39" S | 78° 24' 57" W | 2940 | 12       | 12 | 2940 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M004   | RUMIPAMBA-SALCEDO             | AP   | 260           | 1° 1' 5" S   | 78° 35' 32" W | 2628 | 13       | 13 | 2628 | 13     | 13             |                  |                         |    |    |                           |    |    |
| M732   | RUMIQUINCHA                   | PV   | 260           | 1° 3' 39" S  | 78° 43' 15" W | 3320 | 13       | 13 | 3320 | 13     | 13             |                  |                         |    |    |                           |    |    |
| MB57   | RUNDOPAMBA                    | PG   | 80            | 0° 5' 25" S  | 78° 32' 34" W | 3320 | 12       | 12 | 3320 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M776   | SABANA GRANDE                 | PV   | 140           |              |               |      | 23       | 23 |      | 23     | 23             |                  |                         |    |    |                           |    |    |
| M678   | SABANILLA                     | PG   | 280           | 4° 2' 0" S   | 79° 1' 0" W   | 1520 | 33       | 33 | 1520 | 33     | 33             |                  |                         |    |    |                           |    |    |
| M765   | SABANILLA-PREDESUR            | PV   | 210           | 4° 9' 52" S  | 80° 6' 43" W  | 733  | 19       | 19 | 733  | 19     | 19             |                  |                         |    |    |                           |    |    |
| M439   | SABIANGO INAMHI               | PV   | 210           | 4° 22' 1" S  | 79° 49' 1" W  | 734  | 19       | 19 | 734  | 19     | 19             |                  |                         |    |    |                           |    |    |
| M766   | SABIANGO PREDESUR             | PV   | 210           | 4° 21' 35" S | 79° 48' 35" W | 740  | 19       | 19 | 740  | 19     | 19             |                  |                         |    |    |                           |    |    |
| M441   | SAGUE(SAN MATEO)              | PV   | 80            | 0° 53' 13" N | 79° 37' 54" W | 15   | 20       | 20 | 15   | 20     | 20             |                  |                         |    |    |                           |    |    |
| M701   | SALADO AJ CASCABEL            | PG   | 240           | 0° 5' 0" S   | 77° 56' 14" W | 1550 | 30       | 30 | 1550 | 30     | 30             |                  |                         |    |    |                           |    |    |
| M726   | SALADO AJ GUATARI             | PG   | 240           | 0° 9' 0" S   | 77° 43' 0" W  | 1500 | 30       | 30 | 1500 | 30     | 30             |                  |                         |    |    |                           |    |    |
| M783   | SALANGUILLO                   | PV   | 140           |              |               |      | 23       | 23 |      | 23     | 23             |                  |                         |    |    |                           |    |    |
| M748   | SALATI                        | PV   | 200           | 3° 45' 0" S  | 79° 32' 0" W  | 1150 | 24       | 24 | 1150 | 24     | 24             |                  |                         |    |    |                           |    |    |
| M629   | SALAYAMBO-LAGUNA              | PG   | 260           | 0° 55' 53" S | 78° 25' 50" W | 3880 | 13       | 13 | 3880 | 13     | 13             |                  |                         |    |    |                           |    |    |
| M579   | SALCEDO-CENTRO AGRICOLA       | PV   | 260           | 1° 2' 26" S  | 78° 35' 16" W | 2636 | 13       | 13 | 2636 | 13     | 13             |                  |                         |    |    |                           |    |    |
| M576   | SALGANA-H.S.ANTONIO DE ILA    | PV   | 130           | 0° 31' 46" S | 79° 20' 25" W | 250  | 12       | 12 | 250  | 12     | 12             |                  |                         |    |    |                           |    |    |
| M069   | SALINAS INOCAR                | CP   | 140           | 2° 12' 0" S  | 80° 59' 0" W  | 6    | 23       | 23 | 6    | 23     | 23             |                  |                         |    |    |                           |    |    |
| M385   | SALINAS-BOLIVAR               | PV   | 130           | 1° 24' 13" S | 79° 1' 6" W   | 3600 | 15       | 15 | 3600 | 15     | 15             |                  |                         |    |    |                           |    |    |
| M076   | SALINAS-GUAYAS                | AR   | 140           | 2° 12' 0" S  | 80° 59' 23" W | 4    | 23       | 23 | 4    | 23     | 23             |                  |                         |    |    |                           |    |    |
| M603   | SALINAS-IMBABURA INAMHI       | PV   | 20            | 0° 27' 51" N | 78° 7' 29" W  | 1730 | 11       | 11 | 1730 | 11     | 11             |                  |                         |    |    |                           |    |    |
| M902   | SALINAS-IMBABURA INECEL       | AN   | 20            | 0° 32' 0" N  | 78° 8' 0" W   | 1650 | 11       | 11 | 1650 | 11     | 11             |                  |                         |    |    |                           |    |    |
| M085   | SALINAS-IMBABURA INERHI       | CP   | 20            | 0° 32' 0" N  | 78° 8' 0" W   | 1730 | 11       | 11 | 1730 | 11     | 11             |                  |                         |    |    |                           |    |    |
| MA2C   | SALITRE CEDEGE                | CO   |               |              |               |      | 23       | 23 |      | 23     | 23             |                  |                         |    |    |                           |    |    |
| M557   | SALITRE(COL.27 DE NOVIEMBRE)  | CO   | 130           | 1° 50' 39" S | 79° 49' 15" W | 260  | 23       | 23 | 260  | 23     | 23             |                  |                         |    |    |                           |    |    |
| M255   | SAMBORONDON                   | CP   | 130           |              |               |      | 23       | 23 |      | 23     | 23             |                  |                         |    |    |                           |    |    |
| M787   | SAN ANDRES                    | PG   | 130           | 0° 25' 19" S | 79° 33' 19" W |      | 21       | 21 |      | 21     | 21             |                  |                         |    |    |                           |    |    |
| M115   | SAN ANTONIO DE PICHINCHA      | CO   | 80            | 0° 0' 37" S  | 78° 26' 13" W | 2430 | 12       | 12 | 2430 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M374   | SAN ANTONIO DEL DELTA(PATE)   | PV   | 130           | 0° 52' 9" S  | 79° 14' 34" W | 223  | 13       | 13 | 223  | 13     | 13             |                  |                         |    |    |                           |    |    |
| M989   | SAN ANTONIO MARAVILLAS(PV20)  | PG   | 130           | 1° 45' 44" S | 80° 29' 33" W | 510  | 21       | 21 | 510  | 21     | 21             |                  |                         |    |    |                           |    |    |
| M981   | SAN ANTONIO(PV7)              | PV   | 130           | 1° 36' 8" S  | 80° 30' 52" W | 400  | 21       | 21 | 400  | 21     | 21             |                  |                         |    |    |                           |    |    |
| M263   | SAN ANTONIO-BENEFICIO CACAO   | CO   | 130           | 2° 6' 29" S  | 79° 23' 39" W | 50   | 23       | 23 | 50   | 23     | 23             |                  |                         |    |    |                           |    |    |
| MB64   | SAN BERNABE                   | PG   | 80            | 0° 0' 40" S  | 79° 5' 10" W  | 600  | 12       | 12 | 600  | 12     | 12             |                  |                         |    |    |                           |    |    |
| M941   | SAN CARLOS T(P6D)             | PV   | 80            | 0° 7' 18" S  | 78° 30' 19" W | 2895 | 12       | 12 | 2895 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M499   | SAN CARLOS-LIMON              | PG   | 280           | 3° 13' 0" S  | 78° 25' 0" W  | 700  | 32       | 32 | 700  | 32     | 32             |                  |                         |    |    |                           |    |    |
| M857   | SAN CLEMENTE                  | PV   | 260           | 1° 40' 0" S  | 78° 36' 0" W  | 2736 | 16       | 16 | 2736 | 16     | 16             |                  |                         |    |    |                           |    |    |
| M221   | SAN CRISTOBAL-GALAPAGOS       | RS   | 320           | 0° 54' 0" S  | 89° 37' 0" W  | 6    | 40       | 40 | 6    | 40     | 40             |                  |                         |    |    |                           |    |    |
| MA48   | SAN CRISTOBAL-INOCAR          | CO   | 320           | 0° 54' 0" S  | 89° 37' 0" W  | 6    | 40       | 40 | 6    | 40     | 40             |                  |                         |    |    |                           |    |    |
| M666   | SAN FERNANDO INECEL           | PG   | 180           | 3° 10' 6" S  | 79° 10' 24" W | 1750 | 18       | 18 | 1750 | 18     | 18             |                  |                         |    |    |                           |    |    |
| M862   | SAN FERNANDO ING.S.CARLOS     | PV   | 130           | 2° 12' 0" S  | 79° 23' 0" W  |      | 23       | 23 |      | 23     | 23             |                  |                         |    |    |                           |    |    |
| M324   | SAN FRANCISCO DE SIGSIPAMBA   | PV   | 20            | 0° 17' 40" N | 77° 54' 49" W | 2230 | 11       | 11 | 2230 | 11     | 11             |                  |                         |    |    |                           |    |    |
| M916   | SAN FRANCISCO INERHI          | PG   | 80            | 0° 12' 20" S | 78° 32' 35" W | 3520 | 12       | 12 | 3520 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M503   | SAN FRANCISCO-SAN RAMON       | PV   | 280           | 3° 57' 50" S | 79° 4' 19" W  | 1620 | 33       | 33 | 1620 | 33     | 33             |                  |                         |    |    |                           |    |    |
| M103   | SAN GABRIEL                   | CO   | 20            | 0° 36' 15" N | 77° 49' 10" W | 2860 | 10       | 10 | 2860 | 10     | 10             |                  |                         |    |    |                           |    |    |
| M536   | SAN GERARDO-CANNAR            | PV   | 150           | 2° 25' 44" S | 79° 19' 45" W | 81   | 17       | 17 | 81   | 17     | 17             |                  |                         |    |    |                           |    |    |
| M096   | SAN GERARDO-CHIMBORAZO        | CO   | 260           | 1° 38' 0" S  | 78° 37' 0" W  | 2695 | 16       | 16 | 2695 | 16     | 16             |                  |                         |    |    |                           |    |    |
| M784   | SAN ISIDRO-GUAYAS             | CO   | 140           |              |               |      | 23       | 23 |      | 23     | 23             |                  |                         |    |    |                           |    |    |
| M446   | SAN ISIDRO-MANABI             | PV   | 90            | 0° 22' 14" S | 80° 9' 37" W  | 150  | 21       | 21 | 150  | 21     | 21             |                  |                         |    |    |                           |    |    |
| M270   | SAN JACINTO                   | CP   | 110           | 0° 47' 0" S  | 80° 30' 0" W  |      | 21       | 21 |      | 21     | 21             |                  |                         |    |    |                           |    |    |
| M537   | SAN JACOBO-VAINILLO           | PV   | 150           | 2° 27' 3" S  | 79° 30' 6" W  | 25   | 17       | 17 | 25   | 17     | 17             |                  |                         |    |    |                           |    |    |
| M586   | SAN JAVIER-ESTACION FF CC     | PV   | 50            | 1° 4' 0" N   | 78° 46' 21" W | 45   | 20       | 20 | 45   | 20     | 20             |                  |                         |    |    |                           |    |    |
| M912   | SAN JOAQUIN                   | PV   | 20            | 0° 13' 33" N | 78° 20' 33" W | 2950 | 11       | 11 | 2950 | 11     | 11             |                  |                         |    |    |                           |    |    |
| MA30   | SAN JOSE (PREDESUR)           | PV   | 200           | 3° 48' 50" S | 79° 29' 20" W | 1560 | 24       | 24 | 1560 | 24     | 24             |                  |                         |    |    |                           |    |    |
| M591   | SAN JOSE DE CUAQUE            | PV   | 90            |              |               |      | 21       | 21 |      | 21     | 21             |                  |                         |    |    |                           |    |    |
| M337   | SAN JOSE DE MINAS             | PV   | 80            | 0° 10' 32" N | 78° 24' 30" W | 2417 | 12       | 12 | 2417 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M384   | SAN JOSE DEL TAMBO            | PV   | 130           | 1° 56' 36" S | 79° 14' 11" W | 230  | 15       | 15 | 230  | 15     | 15             |                  |                         |    |    |                           |    |    |
| M306   | SAN JOSE LA ESPERANZA-CARCHI  | PV   | 20            | 0° 38' 55" N | 77° 54' 53" W | 3270 | 10       | 10 | 3270 | 10     | 10             |                  |                         |    |    |                           |    |    |
| M948   | SAN JOSE(CA.NONO)             | PV   | 80            | 0° 6' 32" S  | 78° 31' 9" W  | 3160 | 12       | 12 | 3160 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M674   | SAN JUAN BOSCO                | PG   | 280           | 3° 6' 48" S  | 78° 31' 16" W | 1100 | 32       | 32 | 1100 | 32     | 32             |                  |                         |    |    |                           |    |    |
| M309   | SAN JUAN DE LACHAS-RIO BLANCO | PV   | 20            | 0° 45' 6" N  | 78° 15' 23" W | 950  | 10       | 10 | 950  | 10     | 10             |                  |                         |    |    |                           |    |    |
| M704   | SAN JUAN GRANDE               | PG   | 240           | 0° 17' 51" S | 77° 57' 19" W | 2200 | 30       | 30 | 2200 | 30     | 30             |                  |                         |    |    |                           |    |    |
| M124   | SAN JUAN LA MANA              | CO   | 130           | 0° 57' 15" S | 79° 19' 8" W  | 223  | 13       | 13 | 223  | 13     | 13             |                  |                         |    |    |                           |    |    |
| M393   | SAN JUAN-CHIMBORAZO           | PV   | 260           | 1° 37' 35" S | 78° 47' 0" W  | 3220 | 16       | 16 | 3220 | 16     | 16             |                  |                         |    |    |                           |    |    |
| M777   | SAN JUAN-GUAYAS               | PV   | 140           |              |               |      | 23       | 23 |      | 23     | 23             |                  |                         |    |    |                           |    |    |
| M354   | SAN JUAN-PICHINCHA(CHILLOG.)  | PV   | 80            | 0° 17' 5" S  | 78° 37' 57" W | 3440 | 12       | 12 | 3440 | 12     | 12             |                  |                         |    |    |                           |    |    |
| M224   | SAN LORENZO                   | CP   | 10            | 1° 16' 6" N  | 78° 50' 30" W | 5    | 20       | 20 | 5    | 20     | 20             |                  |                         |    |    |                           |    |    |
| MA2X   | SAN LORENZO (PREDESUR)        | PV   | 200           | 3° 36' 56" S | 79° 30' 57" W | 1800 | 24       | 24 | 1800 | 24     | 24             |                  |                         |    |    |                           |    |    |

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## INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION         | TIPO | ZONA<br>HIDRO | LATITUD |     |       | LONGITUD |     |       | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |             | FECHA DE<br>LEVANTAMIENTO |    |
|--------|-------------------------------|------|---------------|---------|-----|-------|----------|-----|-------|--------|----------------|------------------|-------------------------|-------------|---------------------------|----|
|        |                               |      |               | GG      | MM  | SS    | GG       | MM  | SS    |        |                |                  | AA                      | MM          | DD                        | AA |
| M432   | SAN LUCAS INAMHI              | PV   | 280           | 3°      | 43' | 55" S | 79°      | 15' | 41" W | 2525   | 19             | INAMHI           | 63 / 5 / 21             |             |                           |    |
| M767   | SAN LUCAS PREDESUR            | PV   | 280           | 3°      | 43' | 37" S | 79°      | 15' | 43" W | 2380   | 19             | PREDESUR         | 73 / 2 /                | 84 / 1 /    |                           |    |
| M098   | SAN MARCOS                    | CO   | 240           | 0°      | 6'  | 18" N | 77°      | 57' | 37" W | 3440   | 12             | INERHI           | 79 / 4 /                |             |                           |    |
| M838   | SAN MARTIN                    | PV   | 260           | 1°      | 4'  | 0" S  | 78°      | 19' | 0" W  | 3720   | 14             | INECEL           | 69 / 5 / 30             |             |                           |    |
| MA2J   | SAN MIGUEL                    | PV   |               | 1°      | 2'  | 0" S  | 80°      | 5'  | 0" W  |        | 21             | CRM              | 87 / 4 / 1              |             |                           |    |
| M582   | SAN MIGUEL DE BOLIVAR         | PV   | 130           | 1°      | 42' | 28" S | 79°      | 2'  | 25" W | 2450   | 15             | INAMHI           | 63 / 9 / 26             | 80 / /      |                           |    |
| M204   | SAN MIGUEL DE CONCHAY         | CP   | 280           | 3°      | 8'  | 16" S | 78°      | 28' | 32" W | 1570   | 32             | INECEL           | 79 / 4 / 18             |             |                           |    |
| M670   | SAN MIGUEL DE CUYES           | PG   | 280           | 3°      | 20' | 11" S | 78°      | 43' | 51" W | 2080   | 32             | INECEL           | 78 / 8 / 12             |             |                           |    |
| M216   | SAN MIGUEL DE LOS BANCOS      | CP   | 80            | 0°      | 1'  | 0" N  | 78°      | 53' | 24" W | 1115   | 12             | INECEL           | 75 / 11 / 26            |             |                           |    |
| MB50   | SAN MIGUEL DE LOS BANCOS-HCCP | CO   | 80            | 0°      | 1'  | 54" N | 78°      | 53' | 47" W | 1060   | 12             | HCCP             | 97 / 7 / 1              |             |                           |    |
| M131   | SAN PABLO DE ATENAS           | CO   | 130           | 1°      | 48' | 55" S | 79°      | 3'  | 55" W | 2750   | 15             | INAMHI           | 69 / 7 / 1              |             |                           |    |
| M110   | SAN PABLO DEL LAGO            | CO   | 20            | 0°      | 12' | 52" N | 78°      | 11' | 40" W | 2700   | 11             | INAMHI           | 62 / 4 / 11             |             |                           |    |
| M459   | SAN PABLO-MANABI              | PV   | 120           | 1°      | 34' | 0" S  | 80°      | 35' | 13" W | 435    | 21             | INAMHI           | 70 / 5 / 28             |             |                           |    |
| M973   | SAN PLACIDO CRM(PV13)         | PV   | 130           | 1°      | 38' | 27" S | 80°      | 32' | 40" W | 340    | 21             | CRM              | 80 / 3 / 19             |             |                           |    |
| M567   | SAN PLACIDO INAMHI            | PV   | 110           | 1°      | 3'  | 34" S | 80°      | 14' | 36" W | 30     | 21             | INAMHI           | 63 / /                  |             |                           |    |
| M319   | SAN RAFAEL DEL LAGO           | PV   | 20            | 0°      | 12' | 0" N  | 78°      | 14' | 24" W | 2790   | 11             | INAMHI           | 65 / 6 / 20             |             |                           |    |
| M205   | SAN RAFAEL-NAPO               | CP   | 240           | 0°      | 5'  | 13" N | 77°      | 34' | 34" W | 1353   | 30             | INECEL           | 74 / 12 / 18            |             |                           |    |
| M030   | SAN SIMON                     | CP   | 130           | 1°      | 38' | 45" S | 78°      | 59' | 52" W | 2530   | 15             | INAMHI           | 63 / 9 / 1              |             |                           |    |
| M086   | SAN VICENTE DE PUSIR          | CP   | 20            | 0°      | 30' | 40" N | 77°      | 59' | 20" W | 1870   | 11             | INERHI           | 84 / 8 /                |             |                           |    |
| M610   | SAN VICENTE- MANABI           | PV   | 100           | 0°      | 34' | 0" S  | 80°      | 26' | 0" W  | 5      | 21             | INAMHI           |                         |             |                           |    |
| MA2L   | SANCAN                        | PV   | 0             | 1°      | 15' | 0" S  | 80°      | 35' | 0" W  |        | 21             | CRM              | 63 / 7 / 31             |             |                           |    |
| M449   | SANCAN                        | PV   | 110           | 1°      | 15' | 29" S | 80°      | 35' | 5" W  | 245    | 21             | INAMHI           | 63 / 7 / 31             |             |                           |    |
| M041   | SANGAY(P.SANTA ANA)           | CP   | 260           | 1°      | 41' | 35" S | 77°      | 57' | 0" W  | 880    | 32             | INAMHI           | 67 / 4 /                |             |                           |    |
| M352   | SANGOLQUI                     | PV   | 80            | 0°      | 20' | 0" S  | 78°      | 26' | 0" W  | 2480   | 12             | INAMHI           | 82 / 5 / 13             |             |                           |    |
| M290   | SANTA ANA CRM                 | CO   | 110           | 1°      | 12' | 0" S  | 80°      | 32' | 0" W  | 35     | 21             | CRM              | 78 / 5 /                |             |                           |    |
| M034   | SANTA ANA INAMHI              | CP   | 110           | 1°      | 12' | 13" S | 80°      | 22' | 20" W | 40     | 21             | INAMHI           | 62 / /                  | 75 / /      |                           |    |
| M348   | SANTA ANITA-KM.10 VIA CHONE   | PV   | 80            | 0°      | 14' | 20" S | 79°      | 14' | 43" W | 566    | 12             | INAMHI           | 64 / 3 / 21             |             |                           |    |
| M200   | SANTA CECILIA                 | CP   | 230           | 0°      | 4'  | 34" N | 76°      | 55' | 33" W | 298    | 30             | INECEL           | 74 / 5 / 9              |             |                           |    |
| M496   | SANTA CLARA                   | PV   | 240           | 1°      | 16' | 0" S  | 77°      | 52' | 0" W  | 540    | 31             | INAMHI           | 79 / 5 / 1              | 85 / 6 / 27 |                           |    |
| MA49   | SANTA CRUZ- INOCAR            | CO   | 320           | 0°      | 41' | 20" S | 90°      | 24' | 40" W | 205    | 40             | INOCAR           | 86 / 1 / 1              |             |                           |    |
| M558   | SANTA ELENA-CAMPAMENTO        | PV   | 260           | 0°      | 53' | 36" S | 78°      | 27' | 34" W | 3790   | 13             | INECEL           | 77 / 5 / 1              |             |                           |    |
| MA1J   | SANTA ELENA-PENINSULA         | PV   | 140           | 2°      | 14' | 0" S  | 80°      | 52' | 0" W  | 12     | 23             | INAMHI           |                         |             |                           |    |
| M032   | SANTA ISABEL INAMHI           | CP   | 180           | 3°      | 16' | 28" S | 79°      | 18' | 46" W | 1550   | 18             | INAMHI           | 58 / 4 / 1              | 88 / 6 / 1  |                           |    |
| M278   | SANTA ISABEL INERHI           | CP   | 180           | 3°      | 18' | 17" S | 79°      | 26' | 24" W | 1800   | 18             | INERHI           | 85 / 1 /                |             |                           |    |
| M869   | SANTA ISABEL ING.S.CARLOS     | PV   | 130           | 2°      | 12' | 0" S  | 79°      | 29' | 0" W  |        | 23             | I.S.CARLOS       |                         |             |                           |    |
| MA11   | SANTA LUCIA                   | PV   | 130           | 1°      | 45' | 0" S  | 79°      | 58' | 0" W  | 10     | 23             | INAMHI           |                         |             |                           |    |
| M559   | SANTA MAGDALENA               | PV   | 140           | 2°      | 18' | 0" S  | 80°      | 8'  | 0" W  | 30     | 23             | INAMHI           |                         |             |                           |    |
| M808   | SANTA MONICA                  | PV   |               |         |     |       |          |     |       |        | 12             | INAMHI           | 77 / 3 / 29             |             |                           |    |
| M904   | SANTA M-PINGULMI              | AN   | 80            | 0°      | 5'  | 0" N  | 78°      | 40' | 0" W  | 3100   | 12             | INECEL           | 81 / 8 / 4              | 82 / 8 / 2  |                           |    |
| M961   | SANTA RITA(PG37D)             | PG   | 80            | 0°      | 16' | 11" S | 78°      | 32' | 28" W | 2840   | 12             | EMAPQ            | 81 / 12 / 11            |             |                           |    |
| M824   | SANTA ROSA AJ QUIJOS          | PV   | 240           | 0°      | 18' | 0" S  | 77°      | 48' | 0" W  | 0      | 30             | INAMHI           | 72 / 6 /                |             |                           |    |
| M183   | SANTA ROSA-EL ORO             | CO   | 190           | 3°      | 27' | 22" S | 79°      | 55' | 46" W | 30     | 24             | INAMHI           | 31 / 7 / 16             |             |                           |    |
| M511   | SANTA ROSA-GALAPAGOS          | PV   | 320           | 0°      | 42' | 0" S  | 90°      | 22' | 0" W  | 194    | 40             | INAMHI           | / /                     |             |                           |    |
| M265   | SANTA ROSA-TUMBACO            | CO   | 80            | 0°      | 11' | 45" S | 78°      | 23' | 24" W | 2350   | 12             | INERHI           | 71 / 2 /                |             |                           |    |
| M288   | SANTA ROSA-TUNGURAHUA         | CO   | 260           | 1°      | 16' | 0" S  | 78°      | 40' | 0" W  | 3100   | 14             | INAMHI           | 31 / 5 / 19             |             |                           |    |
| MA44   | SANTA TERESITA                | PG   | 0             | 2°      | 49' | 19" S | 78°      | 39' | 11" W | 2500   |                | INECEL           | 89 / 7 / 1              |             |                           |    |
| M831   | SANTACRUZ-ISLA SNTA.CRUZ      | PV   | 320           | 0°      | 41' | 20" S | 90°      | 24' | 40" W | 205    | 40             | INAMHI           | 68 / 2 /                |             |                           |    |
| M695   | SANTIAGO                      | PG   | 280           | 3°      | 2'  | 33" S | 78°      | 7'  | 58" W | 400    | 32             | INECEL           | 79 / 10 / 8             |             |                           |    |
| M027   | SANTO DOMINGO AEROPUERTO      | CP   | 80            | 0°      | 14' | 44" S | 79°      | 12' | 0" W  | 554    | 12             | D.A.C.           | 63 / 9 / 1              |             |                           |    |
| M375   | SAQUISILI                     | PV   | 260           | 0°      | 50' | 16" S | 78°      | 39' | 52" W | 2920   | 13             | INAMHI           | 79 / 11 / 30            |             |                           |    |
| M569   | SARACAY                       | PV   | 190           | 3°      | 38' | 37" S | 79°      | 52' | 0" W  | 180    | 24             | INAMHI           | 63 / 11 / 23            | 86 / 6 /    |                           |    |
| M142   | SARAGURO                      | CO   | 180           | 3°      | 37' | 14" S | 79°      | 13' | 56" W | 2525   | 19             | INAMHI           | 63 / 6 / 1              |             |                           |    |
| M705   | SARAHURCO SUR                 | PG   | 240           | 0°      | 11' | 53" S | 77°      | 56' | 25" W | 2880   | 30             | INECEL           | 80 / 1 / 20             |             |                           |    |
| M719   | SARAPULLO MEDIO               | PG   | 80            | 0°      | 28' | 0" S  | 78°      | 47' | 0" W  |        | 12             | INECEL           | 82 / 2 / 18             |             |                           |    |
| M490   | SARDINAS                      | PV   | 240           | 0°      | 22' | 16" S | 77°      | 48' | 6" W  | 1615   | 30             | INAMHI           | 72 / 11 /               |             |                           |    |
| M437   | SAUCILLO(ALAMOR EN)           | PV   | 210           | 4°      | 16' | 51" S | 80°      | 11' | 55" W | 328    | 19             | INAMHI           | 67 / 11 / 1             |             |                           |    |
| M427   | SAYAUSI(MATADERO D.J.)        | PV   | 280           | 2°      | 51' | 57" S | 79°      | 4'  | 34" W | 2780   | 18             | INAMHI           | 67 / 8 / 28             |             |                           |    |
| MA0W   | SEDIA-MADRE TIERRA            | PV   | 260           | 1°      | 29' | 0" S  | 78°      | 3'  | 0" W  | 900    | 31             | INAMHI           |                         |             |                           |    |
| M326   | SELVA ALEGRE-IMBABURA         | PV   | 80            | 0°      | 15' | 4" N  | 78°      | 34' | 24" W | 1800   | 11             | INAMHI           | 74 / 6 / 4              |             |                           |    |
| M715   | SELVA ALEGRE-ONZOLE           | PG   | 50            | 0°      | 55' | 0" N  | 78°      | 52' | 0" W  | 61     | 20             | INECEL           | 82 / 4 / 3              |             |                           |    |
| M431   | SEVILLA DE ORO                | PV   | 280           | 2°      | 47' | 51" S | 78°      | 39' | 11" W | 2360   | 18             | INAMHI           | 82 / 8 /                |             |                           |    |
| M071   | SEYMOUR AEROPUERTO            | AR   | 320           | 0°      | 26' | 0" S  | 90°      | 17' | 0" W  | 16     | 40             | F.A.E.           |                         |             |                           |    |
| MA60   | SHIRY XII                     | CO   | 260           | 1°      | 51' | 0" S  | 78°      | 45' | 0" W  | 3028   | 16             | INAMHI           | 97 / 5 / 1              |             |                           |    |
| MA54   | SIERRAZUL                     | CO   | 0             | 0°      | 40' | 26" S | 77°      | 55' | 36" W | 2240   | 30             |                  | 96 / 4 / 1              |             |                           |    |
| M821   | SIETE AJ PAGUA                | PV   | 170           |         |     |       |          |     |       |        | 24             | INAMHI           | 67 / /                  |             |                           |    |
| MA05   | SIETE PTE.CARRETERA           | PV   | 170           |         |     |       |          |     |       |        | 24             | INERHI           |                         |             |                           |    |
| M363   | SIGCHOS                       | PV   | 80            | 0°      | 41' | 58" S | 78°      | 53' | 25" W | 2880   | 13             | INAMHI           | 63 / 11 / 1             |             |                           |    |
| M604   | SIGSICUNGA-HDA.               | PV   | 20            | 0°      | 15' | 13" N | 78°      | 22' | 58" W | 3200   | 11             | INAMHI           | 63 / 5 /                |             |                           |    |
| M424   | SIGSIG INAMHI                 | PV   | 280           | 3°      | 2'  | 54" S | 78°      | 47' | 10" W | 2600   | 18             | INAMHI           | 68 / 1 / 1              |             |                           |    |
| M664   | SIGSIG INECEL                 | PG   | 280           | 3°      | 2'  | 53" S | 78°      | 47' | 9" W  | 2440   | 18             | INECEL           | 74 / 5 / 1              |             |                           |    |
| M297   | SIMBOCAL                      | CP   | 100           | 0°      | 40' | 0" S  | 80°      | 17' | 0" W  |        | 21             | CRM              | 85 / 8 / 1              |             |                           |    |
| M389   | SIMIATUG                      | PV   | 130           | 1°      | 17' | 10" S | 78°      | 57' | 26" W | 3160   | 15             | INAMHI           | 69 / 7 / 24             | 88 / 6 /    |                           |    |
| M091   | SIMON BOLIVAR                 | CP   | 130           | 2°      | 0'  | 0" S  | 79°      | 29' | 0" W  | 19     | 23             | INERHI           | 83 / 11 /               |             |                           |    |
| M945   | SOBRE SOMBRERITO(PG11M)       | PG   | 80            | 0°      | 9'  | 13" S | 78°      | 31' | 13" W | 3580   | 12             | EMAPQ            | 82 / 4 / 15             | 82 / 8 / 1  |                           |    |
| M906   | SOLANO                        | PV   | 130           |         |     |       |          |     |       |        | 21             | CEDEGE           | 83 / 12 / 27            |             |                           |    |
| MA45   | SOLDADOS                      | PG   | 0             | 2°      | 56' | 48" S | 79°      | 13' | 57" W | 3340   |                | INECEL           | 91 / 5 / 23             |             |                           |    |
| MA40   | SOPLADORA                     | PG   | 0             | 2°      | 35' | 0" S  | 78°      | 27' | 0" W  | 1700   |                | INECEL           | 89 / 7 /                |             |                           |    |
| M434   | SOZORANGA INAMHI              | PG   | 210           | 4°      | 19' | 29" S | 79°      | 47' | 20" W | 1510   | 19             | INAMHI           | 71 / 2 /                |             |                           |    |
| M768   | SOZORANGA PREDESUR            | PV   | 210           | 4°      | 19' | 29" S | 79°      | 47' | 20" W | 1427   | 19             | PREDESUR         | 71 / 2 / 10             |             |                           |    |
| MA34   | SUBE Y BAJA                   | PV   | 0             | 2°      | 21' | 30" S | #        |     |       |        | 23             | CEDEGE           |                         |             |                           |    |
| M079   | SUCUA AEROPUERTO              | AR   | 280           | 2°      | 29' | 18" S | 78°      | 9'  | 45" W | 995    | 32             | F.A.E.           |                         |             |                           |    |
| M713   | SUMACO(CERRO)                 | PG   | 240           | 0°      | 52' | 0" S  | 77°      | 40' | 0" W  | 1180   | 30             | INECEL           | 81 / 11 / 3             |             |                           |    |

continúa...



INVENTARIO DE ESTACIONES METEOROLOGICAS

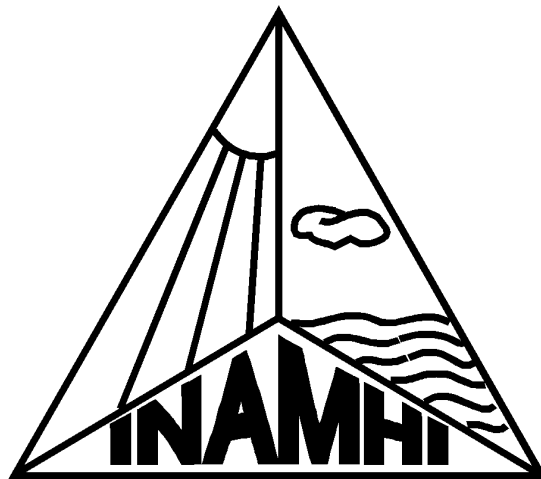
| CODIGO | NOMBRE DE LA ESTACION              | TIPO | ZONA<br>HIDRO | LATITUD      |               |      | LONGITUD |            |    | ALTURA | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |    |    | FECHA DE<br>LEVANTAMIENTO |    |    |
|--------|------------------------------------|------|---------------|--------------|---------------|------|----------|------------|----|--------|----------------|------------------|-------------------------|----|----|---------------------------|----|----|
|        |                                    |      |               | GG           | MM            | SS   | GG       | MM         | SS |        |                |                  | AA                      | MM | DD | AA                        | MM | DD |
| M429   | SURUCUCHO(LLULLUCHIS)              | PV   | 280           | 2° 49' 34" S | 79° 7' 54" W  | 2800 | 18       | INAMHI     |    |        |                | 76 / 6 / 17      |                         |    |    |                           |    |    |
| M412   | SUSCALPAMBA(CAPILLA DOLOROSA)      | PV   | 160           | 2° 27' 38" S | 79° 3' 51" W  | 2620 | 17       | INAMHI     |    |        |                | 63 / 5 / 22      |                         |    |    |                           |    |    |
| M423   | SUSUDEL-CASERIO(L.PTE.CARR)        | PV   | 180           | 3° 23' 55" S | 79° 11' 6" W  | 2600 | 18       | INAMHI     |    |        |                | 68 / 1 / 1       |                         |    |    |                           |    |    |
| M022   | TABACUNDO H.MOJANDA                | CO   | 80            | 0° 3' 11" N  | 78° 14' 6" W  | 2955 | 12       | INAMHI     |    |        |                | 75 / 6 / 11      |                         |    |    |                           |    |    |
| M905   | TABLAS CHICO #11                   | PG   | 130           |              |               |      | 15       | CEDEGE     |    |        |                | 84 / 1 / 11      |                         |    |    |                           |    |    |
| M749   | TAHUIN                             | PV   | 190           | 3° 37' 48" S | 80° 0' 5" W   | 100  | 24       | PREDESUR   |    |        |                | 73 / 2 /         | 84 / 2 /                |    |    |                           |    |    |
| M238   | TAHUIN-REPRESA                     | CO   | 190           | 3° 37' 48" S | 80° 0' 26" W  | 120  | 24       | PREDESUR   |    |        |                | 83 / 9 /         |                         |    |    |                           |    |    |
| M019   | TAISHA                             | AR   | 290           | 2° 23' 0" S  | 77° 30' 0" W  | 508  | 32       | F.A.E.     |    |        |                |                  |                         |    |    |                           |    |    |
| M837   | TALATAG                            | PV   | 260           | 1° 7' 0" S   | 78° 25' 0" W  | 3680 | 14       | INAMHI     |    |        |                | 69 / 1 / 30      |                         |    |    |                           |    |    |
| MA1G   | TAMBILLO-ESTACION EXP.             | PV   | 80            | 0° 24' 0" S  | 78° 32' 0" W  | 2785 | 12       | INAMHI     |    |        |                |                  |                         |    |    |                           |    |    |
| M244   | TAMBOLOMA                          | CO   | 260           | 1° 17' 45" S | 78° 46' 20" W | 3550 | 14       | INAMHI     |    |        |                | 84 / 11 /        |                         |    |    |                           |    |    |
| M717   | TANDAPI INECEL                     | PG   | 80            | 0° 25' 0" S  | 78° 49' 0" W  | 2000 | 12       | INECEL     |    |        |                | 82 / 3 / 13      |                         |    |    |                           |    |    |
| MA0B   | TANDAYAPA                          | PV   | 80            | 0° 0' 31" N  | 78° 40' 31" W | 1800 | 12       | INECEL     |    |        |                |                  |                         |    |    |                           |    |    |
| M282   | TANGALI                            | CO   | 20            | 0° 15' 21" N | 78° 20' 36" W | 2860 | 11       | INAMHI     |    |        |                | 85 / 10 / 1      | 88 / 3 /                |    |    |                           |    |    |
| M279   | TARAPOA AEROPUERTO                 | AR   | 230           | 0° 8' 0" S   | 76° 23' 0" W  | 238  | 30       | D.A.C.     |    |        |                | 74 / 4 /         |                         |    |    |                           |    |    |
| M015   | TARAPOA-DCP                        | PC   | 230           | 0° 8' 0" S   | 76° 23' 0" W  | 238  | 30       | INAMHI     |    |        |                | 84 / 12 /        |                         |    |    |                           |    |    |
| MA68   | TARQUI D.J. CUMBE                  | PG   | 280           | 3° 2' 11" S  | 79° 1' 56" W  |      | 18       |            |    |        |                | 97 / 2 / 21      |                         |    |    |                           |    |    |
| M073   | TAURA AEROPUERTO                   | AR   | 150           | 2° 16' 0" S  | 79° 40' 50" W | 17   | 23       | F.A.E.     |    |        |                | 64 / 1 /         |                         |    |    |                           |    |    |
| M444   | TEAONE-TABIAZO                     | PV   | 80            | 0° 49' 30" N | 79° 41' 45" W | 100  | 20       | INAMHI     |    |        |                | 64 / 4 / 20      |                         |    |    |                           |    |    |
| M716   | TELEMBI-ONZOLE                     | PV   | 50            | 0° 11' 0" N  | 78° 55' 0" W  | 52   | 20       | INECEL     |    |        |                | 82 / 4 / 4       |                         |    |    |                           |    |    |
| M070   | TENA                               | CO   | 240           | 0° 59' 57" S | 77° 49' 30" W | 665  | 30       | INAMHI     |    |        |                | 25 /             |                         |    |    |                           |    |    |
| M425   | TENDALES-JUBONES DJ SAN FCO.       | PV   | 180           | 3° 18' 51" S | 79° 28' 49" W | 750  | 18       | INAMHI     |    |        |                | 67 / 10 / 1      |                         |    |    |                           |    |    |
| M478   | TENGUEL                            | PV   | 170           | 2° 59' 28" S | 79° 47' 13" W | 10   | 23       | INAMHI     |    |        |                |                  |                         |    |    |                           |    |    |
| M495   | TENIENTE HUGO ORTIZ                | PV   | 240           | 1° 23' 0" S  | 77° 55' 0" W  | 610  | 31       | INAMHI     |    |        |                | 79 / 5 / 1       | 85 / 6 / 27             |    |    |                           |    |    |
| M518   | TEPEYAC #17                        | PV   | 130           |              |               |      | 16       | CEDEGE     |    |        |                | 84 / 1 / 12      |                         |    |    |                           |    |    |
| M980   | TERRENOS CRM(PV1)                  | PG   | 130           | 1° 38' 1" S  | 80° 29' 36" W | 280  | 21       | CRM        |    |        |                | 80 / 3 / 29      |                         |    |    |                           |    |    |
| M991   | TERRENOS DE B.MERCHAN(PG1)         | PG   | 130           | 1° 37' 25" S | 80° 30' 16" W | 330  | 21       | CRM        |    |        |                | 80 / 3 / 29      |                         |    |    |                           |    |    |
| MB71   | TIGRE ALTO                         | PV   | 130           | 0° 38' 22" S | 79° 19' 44" W | 300  | 12       | HCCP       |    |        |                | 97 / 9 / 1       |                         |    |    |                           |    |    |
| MA11   | TIGRERA                            | PV   | 130           |              |               |      | 23       | I.S.CARLOS |    |        |                | 66 / 2 /         | 75 / 12 /               |    |    |                           |    |    |
| M068   | TIPUTINI AEROPUERTO                | AR   | 240           | 0° 46' 0" S  | 75° 32' 0" W  | 219  | 30       | F.A.E.     |    |        |                | 56 /             |                         |    |    |                           |    |    |
| M920   | TIRICUCHO                          | PV   | 80            | 0° 19' 25" S | 78° 34' 30" W | 3200 | 12       | INERHI     |    |        |                | 77 / 10 / 19     |                         |    |    |                           |    |    |
| M377   | TISALEO                            | PV   | 260           | 1° 20' 42" S | 78° 39' 59" W | 3250 | 14       | INAMHI     |    |        |                | 64 / 7 / 16      |                         |    |    |                           |    |    |
| M722   | TOABUNCHI                          | PG   | 20            | 0° 23' 7" N  | 78° 35' 11" W | 2200 | 11       | INECEL     |    |        |                | 77 / 10 / 11     | 78 / 3 /                |    |    |                           |    |    |
| M373   | TOACAZO                            | PV   | 260           | 0° 45' 0" S  | 78° 41' 0" W  | 3000 | 13       | INAMHI     |    |        |                | 76 / 5 / 1       |                         |    |    |                           |    |    |
| M692   | TOBAR DONOSO                       | PG   | 20            | 1° 10' 54" N | 78° 31' 0" W  | 220  | 10       | INECEL     |    |        |                | 79 / 4 / 8       | 88 / 3 / 2              |    |    |                           |    |    |
| MA2T   | TOMALON-TABACUNDO                  | AP   | 80            | 0° 2' 0" N   | 78° 14' 0" W  | 2790 | 12       | INAMHI     |    |        |                | 92 / 2 / 23      |                         |    |    |                           |    |    |
| M908   | TOMAS DE BERLANGA                  | AN   | 320           | 0° 50' 0" S  | 91° 5' 0" W   | 450  | 40       | INECEL     |    |        |                | 82 / 9 / 11      |                         |    |    |                           |    |    |
| M321   | TOPO-IMBABURA(ANGLA)               | PV   | 20            | 0° 12' 55" N | 78° 9' 4" W   | 2860 | 11       | INAMHI     |    |        |                | 65 / 5 / 5       |                         |    |    |                           |    |    |
| M613   | TOSAGUA                            | PV   | 100           | 0° 46' 24" S | 80° 14' 55" W | 30   | 21       | INAMHI     |    |        |                |                  |                         |    |    |                           |    |    |
| M691   | TOTORAS                            | PG   | 260           | 2° 11' 7" S  | 78° 40' 0" W  | 3640 | 16       | INECEL     |    |        |                | 79 / 7 / 12      |                         |    |    |                           |    |    |
| M998   | TOTORILLAS(HDA.MAG)                | PG   | 130           |              |               |      | 16       | M.A.G      |    |        |                |                  |                         |    |    |                           |    |    |
| M308   | TUFINNO                            | PV   | 30            | 0° 48' 16" N | 77° 51' 16" W |      | 10       | INAMHI     |    |        |                | 75 / 12 / 12     |                         |    |    |                           |    |    |
| M059   | TULCAN AEROPUERTO                  | AR   | 30            | 0° 49' 0" N  | 77° 42' 0" W  | 2934 | 10       | F.A.E.     |    |        |                | 29 / 7 /         |                         |    |    |                           |    |    |
| M571   | TUMBABIRO                          | PV   | 20            | 0° 28' 3" N  | 78° 11' 29" W | 2120 | 11       | INAMHI     |    |        |                | 63 / 3 /         |                         |    |    |                           |    |    |
| M100   | TUMBABIRO INERHI                   | CO   | 20            | 0° 28' 30" N | 78° 12' 0" W  | 2100 | 11       | INERHI     |    |        |                | 68 / 10 /        |                         |    |    |                           |    |    |
| M114   | TUMBACO                            | CO   | 80            | 0° 14' 0" S  | 78° 24' 50" W | 2348 | 12       | INAMHI     |    |        |                | 64 / 5 / 1       |                         |    |    |                           |    |    |
| MA2S   | TUTUPALI                           | PV   |               |              |               |      | 33       | INECEL     |    |        |                |                  |                         |    |    |                           |    |    |
| M140   | UCUBAMBA                           | CO   | 280           | 2° 52' 13" S | 78° 52' 29" W | 2510 | 18       | INAMHI     |    |        |                | 69 / 3 / 1       |                         |    |    |                           |    |    |
| MB72   | UMPE CHICO                         | PV   | 80            | 0° 9' 29" S  | 79° 17' 10" W | 330  | 12       | HCCP       |    |        |                | 97 / 9 / 1       |                         |    |    |                           |    |    |
| M600   | UNGUI                              | PV   | 80            |              |               |      | 12       | INAMHI     |    |        |                |                  |                         |    |    |                           |    |    |
| M992   | UNION RIO P.P.GOMEZ-GRAMALOTAL(PG) | PG   | 130           | 1° 38' 3" S  | 80° 30' 47" W | 320  | 21       | CRM        |    |        |                | 82 / 3 / 24      |                         |    |    |                           |    |    |
| M677   | UPANO DJ VOLCAN                    | PG   | 280           | 2° 6' 49" S  | 78° 6' 42" W  | 1300 | 32       | INECEL     |    |        |                | 77 / 7 / 6       |                         |    |    |                           |    |    |
| M011   | URAPAMBA                           | AP   | 80            | 0° 5' 2" S   | 78° 19' 0" W  | 2400 | 12       | INERHI     |    |        |                | 79 / 3 /         |                         |    |    |                           |    |    |
| M800   | URB.ARROYO DELGADO                 | PV   | 80            |              |               |      | 12       | INAMHI     |    |        |                |                  |                         |    |    |                           |    |    |
| M390   | URBINA                             | PG   | 260           | 1° 28' 59" S | 78° 42' 37" W | 3619 | 16       | INAMHI     |    |        |                | 63 / 5 / 8       | 87 / 11 / 1             |    |    |                           |    |    |
| M481   | USHCURRUMI                         | PV   | 180           | 3° 19' 16" S | 79° 35' 0" W  | 290  | 24       | INAMHI     |    |        |                | 75 / 2 / 1       |                         |    |    |                           |    |    |
| M769   | UTUANA                             | PV   | 210           | 4° 21' 30" S | 79° 42' 40" W | 2410 | 19       | PREDESUR   |    |        |                | 72 / 1 /         |                         |    |    |                           |    |    |
| M113   | UYUMBICHO                          | CO   | 80            | 0° 23' 30" S | 78° 31' 31" W | 2740 | 12       | INAMHI     |    |        |                | 72 / 3 / 1       |                         |    |    |                           |    |    |
| M617   | VALENCIA-VERGEL                    | PV   | 130           | 0° 55' 0" S  | 79° 28' 0" W  | 120  | 22       | INAMHI     |    |        |                | 62 / 8 /         | 64 / 6 /                |    |    |                           |    |    |
| M684   | VALLADOLID                         | PG   | 300           | 4° 32' 43" S | 79° 5' 0" W   | 1700 | 33       | INECEL     |    |        |                | 77 / 10 / 5      |                         |    |    |                           |    |    |
| M249   | VALLE DE LA VIRGEN                 | CP   | 130           |              |               |      | 23       | CEDEGE     |    |        |                | 81 / 7 / 21      |                         |    |    |                           |    |    |
| M281   | VENTANAS CEDEGE                    | CO   | 130           |              |               |      | 22       | CEDEGE     |    |        |                | 82 / 12 / 13     |                         |    |    |                           |    |    |
| M465   | VENTANAS INAMHI                    | PV   | 130           | 1° 27' 25" S | 79° 28' 26" W | 20   | 22       | INAMHI     |    |        |                | 63 / 9 / 25      |                         |    |    |                           |    |    |
| M907   | VENTOLERA VELAC                    | AN   | 210           | 3° 58' 0" S  | 79° 35' 0" W  | 1950 | 19       | INECEL     |    |        |                | 82 / 4 / 11      | 89 / 6 /                |    |    |                           |    |    |
| M550   | VICHE                              | PV   | 80            | 0° 39' 25" N | 79° 32' 29" W | 50   | 20       | INAMHI     |    |        |                | 63 /             |                         |    |    |                           |    |    |
| M144   | VILCABAMBA                         | CO   | 210           | 4° 15' 46" S | 79° 13' 4" W  | 1563 | 19       | INAMHI     |    |        |                | 71 / 11 / 1      |                         |    |    |                           |    |    |
| M555   | VILLAO-PEDRO CARBO                 | CO   | 130           | 1° 50' 30" S | 80° 19' 46" W | 90   | 21       | CEDEGE     |    |        |                | 64 / 11 / 27     | 76 / 10 /               |    |    |                           |    |    |
| M560   | VILLINGOTA                         | PV   | 140           | 2° 24' 0" S  | 80° 27' 0" W  | 20   | 23       | INAMHI     |    |        |                |                  |                         |    |    |                           |    |    |
| M280   | VINCES CEDEGE                      | CO   | 130           |              |               |      | 22       | CEDEGE     |    |        |                | 82 / 12 / 22     |                         |    |    |                           |    |    |
| M017   | VINCES EN VINCES-DCP               | PC   | 130           |              |               |      | 22       | INAMHI     |    |        |                | 84 / 10 /        |                         |    |    |                           |    |    |
| M466   | VINCES INAMHI                      | PV   | 130           | 1° 32' 33" S | 79° 45' 44" W | 41   | 22       | INAMHI     |    |        |                | 70 / 11 /        |                         |    |    |                           |    |    |
| M210   | VINDOBONA                          | CP   | 80            | 0° 0' 2" N   | 78° 24' 6" W  | 2250 | 12       | INECEL     |    |        |                | 78 / 9 / 9       |                         |    |    |                           |    |    |
| M814   | VISQUIJE                           | PV   | 110           | 1° 12' 0" S  | 80° 17' 0" W  | 70   | 21       | INAMHI     |    |        |                | 70 / 10 /        | 74 / /                  |    |    |                           |    |    |
| M514   | VOLCAN SANTO TOMAS                 | PV   | 320           | 0° 51' 0" S  | 91° 2' 0" W   | 360  | 40       | INAMHI     |    |        |                | 70 / 1 / 1       |                         |    |    |                           |    |    |
| M682   | YACUAMBI EN LA PAZ                 | PG   | 280           | 3° 41' 18" S | 78° 53' 48" W | 980  | 33       | INECEL     |    |        |                | 78 / 11 / 15     |                         |    |    |                           |    |    |
| M681   | YACUAMBI EN TUTUPALI               | PG   | 280           | 3° 32' 43" S | 78° 58' 6" W  | 1360 | 33       | INECEL     |    |        |                | 78 / 11 / 11     |                         |    |    |                           |    |    |
| M680   | YACUAMBI(28 DE MAYO)               | PV   | 280           | 3° 38' 3" S  | 78° 55' 35" W | 1400 | 33       | INECEL     |    |        |                | 74 / 10 / 19     |                         |    |    |                           |    |    |
| M284   | YAGUACHI                           | CO   | 130           | 2° 5' 0" S   | 79° 40' 0" W  | 6    | 23       | INAMHI     |    |        |                | 30 / 8 / 20      |                         |    |    |                           |    |    |
| M725   | YANACOCCHA                         | PG   | 260           | 1° 7' 46" S  | 78° 23' 44" W | 3820 | 14       | INECEL     |    |        |                | 76 / 3 / 14      | 77 / 8 / 15             |    |    |                           |    |    |
| MA1X   | YANALLPA CONVENIO INAMHI-CESA      | CO   |               |              |               |      | 17       | INAMHI     |    |        |                | 88 / 1 / 25      |                         |    |    |                           |    |    |
| M580   | YANAYACU-HDA.PUCARA                | PV   | 260           | 1° 6' 0" S   | 78° 28' 0" W  | 3100 | 14       | INAMHI     |    |        |                | 63 / 10 / 14     |                         |    |    |                           |    |    |
| M147   | YANGANA                            | CO   | 210           | 4° 22' 5" S  | 79° 10' 29" W | 1835 | 19       | INAMHI     |    |        |                | 79 / 8 / 21      |                         |    |    |                           |    |    |

continúa...

## INVENTARIO DE ESTACIONES METEOROLOGICAS

| CODIGO | NOMBRE DE LA ESTACION     | TIPO | ZONA<br>HIDRO | LATITUD |             |      | LONGITUD    |      |    | ALTURA   | PROVIN-<br>CIA | INSTITU-<br>CION | FECHA DE<br>INSTALACION |    |    | FECHA DE<br>LEVANTAMIENTO |    |    |
|--------|---------------------------|------|---------------|---------|-------------|------|-------------|------|----|----------|----------------|------------------|-------------------------|----|----|---------------------------|----|----|
|        |                           |      |               | GG      | MM          | SS   | GG          | MM   | SS |          |                |                  | AA                      | MM | DD | AA                        | MM | DD |
| MA67   | YANUNCAY EN PUCAN         | PG   | 280           | 2 °     | 56 ' 36 " S | 79 ° | 10 ' 9 " W  |      |    | 18       |                |                  | 97 / 2 / 21             |    |    |                           |    |    |
| M190   | YANZATZA                  | CO   | 280           | 3 °     | 50 ' 15 " S | 78 ° | 45 ' 1 " W  | 830  | 33 | INAMHI   |                | 75 / 12 / 1      |                         |    |    |                           |    |    |
| M346   | YARUQUI INAMHI            | PV   | 80            | 0 °     | 9 ' 35 " S  | 78 ° | 18 ' 55 " W | 2600 | 12 | INAMHI   |                | 63 / 3 / 16      |                         |    |    |                           |    |    |
| M264   | YARUQUI INERHI            | CO   | 80            | 0 °     | 9 ' 15 " S  | 78 ° | 19 ' 13 " W | 2544 | 12 | INERHI   |                | 68 / 8 /         |                         |    |    |                           |    |    |
| M663   | YARUQUIES-CHIMBORAZO      | PV   | 260           |         |             |      |             |      | 16 |          |                |                  |                         |    |    |                           |    |    |
| M187   | YARUQUI-ESTACION MECANICA | AR   | 80            |         |             |      |             |      | 12 | D.A.C.   |                | 82 / 2 /         |                         |    |    |                           |    |    |
| M712   | YAUPI                     | PG   | 280           | 2 °     | 50 ' 0 " S  | 77 ° | 56 ' 0 " W  | 380  | 32 | INECEL   |                | 81 / 11 / 26     |                         |    |    |                           |    |    |
| M845   | YURACYACU                 | PV   | 160           | 2 °     | 25 ' 20 " S | 78 ° | 51 ' 46 " W | 3910 | 17 | CREA     |                | 76 / 6 / 5       |                         |    |    |                           |    |    |
| M564   | YURUPAZA                  | PV   | 280           | 2 °     | 11 ' 0 " S  | 78 ° | 15 ' 0 " W  |      | 32 | INAMHI   |                |                  |                         |    |    |                           |    |    |
| MA32   | ZAMBI (PREDESUR)          | PV   | 200           | 3 °     | 54 ' 37 " S | 79 ° | 32 ' 7 " W  | 1450 | 19 | PREDESUR |                | 87 / 9 / 1       |                         |    |    |                           |    |    |
| MA1M   | ZAMBIZA                   | CO   | 80            | 0 °     | 8 ' 0 " S   | 78 ° | 26 ' 0 " W  | 2580 | 12 | INAMHI   |                | 31 / 4 / 20      |                         |    |    |                           |    |    |
| M207   | ZAMORA                    | CP   | 280           | 4 °     | 5 ' 37 " S  | 78 ° | 57 ' 0 " W  | 970  | 33 | INECEL   |                | 73 / 10 / 1      |                         |    |    |                           |    |    |
| MA0M   | ZAPALLO                   | PV   | 50            | 0 °     | 48 ' 0 " N  | 78 ° | 56 ' 0 " W  | 65   | 20 | INAMHI   |                |                  |                         |    |    |                           |    |    |
| M471   | ZAPOTAL-LOS RIOS          | PV   | 130           | 1 °     | 38 ' 10 " S | 79 ° | 42 ' 3 " W  |      | 22 | INAMHI   |                | 80 / 6 / 1       |                         |    |    |                           |    |    |
| M473   | ZAPOTAL-SANTA ELENA       | PV   | 140           | 2 °     | 18 ' 54 " S | 80 ° | 33 ' 35 " W | 20   | 23 | INAMHI   |                | 64 / 11 / 24     | 86 / 9 / 6              |    |    |                           |    |    |
| M452   | ZAPOTE                    | PV   | 100           | 0 °     | 54 ' 23 " S | 80 ° | 3 ' 23 " W  | 50   | 21 | INAMHI   |                | 64 / 9 / 5       |                         |    |    |                           |    |    |
| M152   | ZAPOTEPAMBA               | CO   | 210           | 4 °     | 2 ' 31 " S  | 79 ° | 45 ' 58 " W | 940  | 19 | INAMHI   |                | 82 / 12 /        |                         |    |    |                           |    |    |
| M151   | ZAPOTILLO                 | CO   | 210           | 4 °     | 22 ' 57 " S | 80 ° | 14 ' 11 " W | 223  | 19 | INAMHI   |                | 79 / 8 / 29      |                         |    |    |                           |    |    |
| M180   | ZARUMA                    | CO   | 200           | 3 °     | 41 ' 49 " S | 79 ° | 36 ' 58 " W | 1100 | 24 | INAMHI   |                | 31 / 6 / 7       |                         |    |    |                           |    |    |
| M485   | ZATZAYACU(AROSEMENA TOLA) | PV   | 240           | 1 °     | 11 ' 29 " S | 77 ° | 51 ' 25 " W | 628  | 30 | INAMHI   |                | 64 / 9 / 8       |                         |    |    |                           |    |    |
| M512   | ZONA LA RESERVA           | PV   | 320           | 0 °     | 41 ' 20 " S | 90 ° | 24 ' 40 " W | 205  | 40 | INAMHI   |                | 68 / 2 / 1       |                         |    |    |                           |    |    |
| M316   | ZULETA                    | PV   | 20            | 0 °     | 14 ' 19 " N | 78 ° | 15 ' 0 " W  | 2910 | 11 | INAMHI   |                | 63 / 3 / 20      |                         |    |    |                           |    |    |
| M685   | ZUMBA                     | PG   | 300           | 4 °     | 51 ' 52 " S | 79 ° | 8 ' 0 " W   | 1200 | 33 | INECEL   |                | 77 / 10 / 12     |                         |    |    |                           |    |    |
| M993   | ZUMBAGUA                  | PG   | 80            |         |             |      |             | 3400 | 13 | M.A.G    |                | 81 / 12 / 1      | 84 / 11 / 1             |    |    |                           |    |    |
| M675   | ZUNNAC                    | PG   | 280           | 2 °     | 10 ' 0 " S  | 78 ° | 23 ' 0 " W  | 2300 | 32 | INECEL   |                | 78 / 12 / 18     |                         |    |    |                           |    |    |





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Dirección: IÑAQUITO N36-14 Y COREA  
email: [inamhi@inamhi.gov.ec](mailto:inamhi@inamhi.gov.ec)  
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